Cell cycle-associated expression patterns predict gene function in mycobacteria

Running title: Transcriptional compartmentalization of the *Mtb* cell cycle

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Summary

While the major events in prokaryotic cell cycle progression are likely to be coordinated with transcriptional and metabolic changes, these processes remain poorly characterized. Unlike many rapidly-growing bacteria, DNA replication and cell division are temporally-resolved in mycobacteria, making these slow-growing organisms a potentially useful system to investigate the prokaryotic cell cycle. To determine if cell-cycle dependent gene regulation occurs in mycobacteria, we characterized the temporal changes in the transcriptome of synchronously replicating populations of *Mycobacterium tuberculosis* (*Mtb*). By enriching for genes that display a sinusoidal expression pattern, we discover 485 genes that oscillate with a period consistent with the cell cycle. During cytokinesis, the timing of gene induction could be used to predict the timing of gene function, as mRNA

abundance was found to correlate with the order in which proteins were recruited to the developing septum. Similarly, the expression pattern of primary metabolic genes could be used to predict the relative importance of these pathways for different cell cycle processes. Pyrimidine synthetic genes peaked during DNA replication and their depletion caused a filamentation phenotype that phenocopied defects in this process. In contrast, the IMP dehydrogenase *guaB2* dedicated to guanosine synthesis displayed the opposite expression pattern and its depletion perturbed septation. Together, these data imply obligate coordination between primary metabolism and cell division, and identify periodically regulated genes that can be related to specific cell biological functions.

Keywords

Mycobacterium tuberculosis; prokaryotic cell cycle; cell cycle associated transcription; just-in-time transcription; divisome assembly and cytokinesis; nucleotide metabolism; cytokinesis

Introduction

Much of prokaryotic cell biology has been elucidated under rapid-growth conditions in which chromosomal replication takes longer than the doubling time of the cell [1], [2]. Under these conditions, the production of complete chromosomes for daughter cells is ensured via the simultaneous initiation of multiple rounds of DNA replication, and it is not possible for cells to temporally segregate DNA replication from cytokinesis as is seen in the eukaryotic cell cycle. However, this paradigm may not apply to many, if not most, of the bacteria in the environment. For example, *Caulobacter crescentus* exploits a specialized

47 developmental program that produces distinct sessile and motile cells, which is associated
48 with a strict cell cycle that segregates DNA replication from cytokinesis. More generally,
49 most of the bacterial biomass in nutrient poor natural environments is likely to persist in
50 slow-growing states [3]. When these conditions are modeled in nutrient-restricted
51 *Escherichia coli*, major cellular events become restricted into distinct cell cycle periods
52 designated, "B", "C", and "D"; in which DNA replication is restricted to the C period. The B
53 and D periods occupy the time before or after C, respectively, and are divided by
54 cytokinesis[4] [5]. Similarly, mycobacteria are slow-growing organisms, with doubling
55 times that range from 3 hours to several days, which appear to constitutively employ this
56 type of segregated cell cycle. While an ordered cell cycle may be more common in
57 prokaryotes than generally appreciated, it has only been investigated in a limited number
58 of systems.
59
60 The prokaryotic cell cycle has been most thoroughly studied in the aquatic bacterium, *C.*
61 *crescentus*, largely because it is possible to produce bacterial cultures in which cells are
62 replicating synchronously with respect to the cell cycle. As a result, the only genome-wide
63 transcriptional profiles of synchronously-replicating bacteria have been produced in this
64 species. These studies identified periodic fluctuations in mRNA abundance that correlated
65 with the cell cycle [6], [7] and led to the elucidation of a regulatory cascade that controls
66 cell cycle progression and cellular differentiation that appears to be conserved in other
67 alphaproteobacteria [8]. In addition to these regulators of cell cycle progression, 19% of
68 the genome was found to be periodically expressed [6]. These genes included those
69 involved in primary metabolic processes that are not directly associated with cell cycle

70 progression, suggesting that major cellular events, such as DNA replication and cytokinesis,
71 may be coordinated with other aspects of cellular physiology. These apparent links
72 between metabolism and cell cycle are consistent with a number of studies in model
73 organisms, where metabolites such as NAD(P)H [9] and ATP [10] oscillate according to
74 the cell cycle in *E. coli*; and UDP-glucose levels coordinate cell division timing with nutrient
75 availability in both B*. subtilis* [11] and *E. coli* [12]. While these data indicate that cell cycle
76 progression is likely coupled with some aspects of primary metabolism, it remains unclear
77 how these processes interact and whether insights from transcriptional profiling in *C.*
78 *crescentus* are generalizable to more diverse bacteria.
79
80 We sought to extend these paradigms to mycobacteria, a genus that includes relatively
81 rapid growing environmental organisms, such as *M. smegmatis*, and slower growing
82 pathogenic species such as *M. tuberculosis* (Mtb) and *M. bovis*. The cell cycle has been
83 extensively characterized in both fast- and slow-growing mycobacteria using single-cell
84 analyses of strains engineered to express fluorescent markers of DNA replication and
85 cytokinesis. These studies show that DNA replication occurs only once per cycle in the
86 majority of cells, and re-initiation of replication before division occurs only rarely [13]
87 [14][15][16][17]. While the relative durations of the cell cycle phases can be influenced by
88 the environment and stochastic factors such as birth length [16], the average duration of
89 the B, C, and D periods in Mtb are generally in the range of 6-8 hours, 9-12 hours, and 6-9
90 hours, respectively [18].
91

92 These observations from time-lapse microscopy are consistent with metabolic labeling
93 studies in synchronously-replicating cultures of *Mtb*, which can be generated using a
94 mutant strain that harbors a cold-sensitive (cos) allele of the DNA replication initiator
95 DnaA [19]. This *Mtbcos* strain is unable to initiate a new round of DNA replication at 30ºC.
96 Upon release into the permissive temperature (37ºC), cultures synchronously incorporate
97 5,6-^{3}H-uracil into alkali stable DNA for 11 hours, consistent with the C period length
98 observed in single cells. The ability to produce synchronously replicating cultures that
99 recapitulate the behavior of single cells makes mycobacteria an attractive system to
100 investigate cell cycle-associated transcriptional changes.
101
102 Using the *Mtbcos* strain, we determined the transcriptional profile of synchronously
103 replicating cultures across the cell cycle, and report that 485 genes meet strict criteria for
104 periodic gene expression. Only a small fraction of the cell cycle-regulated gene sets of *Mtb*
105 and *C. crescentus* overlap, suggesting that the links between cell cycle and metabolism are
106 species-specific. We demonstrate that mRNA expression patterns in *Mtb* reflect the time at
107 which the encoded proteins are incorporated into the developing septum, suggesting that
108 functional information can be inferred from the kinetics of gene expression. Using this
109 framework, we discover an unanticipated functional specialization of distinct nucleotide
110 anabolic pathways. These observations show that DNA replication and cytokinesis are
111 coordinated with different primary metabolic pathways, expanding the processes that are
112 associated with these essential cellular events.
113
114 **Results**

115 **DNA replication and cytokinesis are segregated in synchronously growing**
116 **populations of *Mtb***
117 We generated synchronously replicating cultures of *Mtb* using the temperature-sensitive
118 *Mtbcos* strain [19]. Chromosomal replication was inhibited by incubating this strain at
119 30ºC for 36 hours. Upon shift to the permissive temperature (37ºC), the optical density
120 (Absorbance$_{600}$) of both the *Mtbcos* mutant and a wild type control culture increased
121 throughout a 54 hour time course, demonstrating that nutrients did not become limiting.
122 While the control culture grew at a constant rate over this period, the *dnaAcos* strain
123 showed a reproducible multiphasic growth pattern, an initial indication that cellular
124 metabolism may be linked to cell cycle events (**Fig1A)**.
125
126 In order to estimate the efficiency of the synchronization and to delineate cell cycle periods,
127 we collected cells every three hours and monitored chromosomal replication and
128 cytokinesis. The phosphothreonine-binding protein, FhaA, marks sites of division [20], and
129 we used a fluorescent allele of this protein to calculate a "septation index" that
130 corresponded to the fraction of cells with FhaA localization at midcell. While the septation
131 index of a control culture of asynchronous cells (*MtbRv*) was constant throughout the time
132 course, this metric varied in a periodic manner in the *Mtbcos* strain. The majority of cells
133 arrested at the non-permissive temperature had an FhaA focus at midcell, which is likely an
134 artifact of the DnaA inactivation. The septation index of *Mtbcos* cells quickly decreased
135 upon shift to the permissive temperature, falling below the index of unsynchronized
136 cultures by 12 hours. Septation reached a peak in the synchronized cultures between 27
137 and 33 hours after release, marking the cytokinesis phase of the cell cycle **(Fig1B)**.

138

139 To monitor chromosomal replication, we devised a PCR assay to quantify the relative
140 abundance of DNA at the origin (ori) and terminus (ter) of replication. Upon initiation of
141 replication, the cell will have an ori:ter ratio of 2:1, and this ratio should be maintained
142 until the terminus is duplicated. As we observed for septation index, the ori:ter ratio
143 remained constant in unsynchronized cultures. In contrast, the ori:ter ratio peaked twice
144 in the synchronized cultures **(Fig 1C)**. The first peak lasted for a duration of approximately
145 12 hours (between 15h-27h post release) and second one lasted between 48-hrs post
146 release and the end of the study. Based on these data, we estimate that our time course
147 captured approximately 1.5 cell cycles. Both the septation index and ori/ter ratio varied by
148 approximately 50% of the range expected of fully synchronized cells, indicating that the
149 synchrony of our cultures was incomplete. Regardless, these observations indicated that
150 DNA replication is temporally segregated from cytokinesis, and the cultures were
151 sufficiently synchronized to perform transcriptional profiling.

152

153

154 **Periodic gene expression correlates with cell cycle progression**

155 In order to investigate whether gene expression changes are associated with major cellular
156 events like DNA replication and cytokinesis, we profiled mRNA abundance in synchronized
157 cultures every 3 hours across a 54 hour time course. After normalization and scaling, we
158 first assessed correlation patterns in the dataset. The initial time point after temperature
159 shift to 37ºC (0hr) was uncorrelated with the rest of the datasets, presumably due to an
160 adjustment to the temperature shift and was omitted from subsequent analyses. For the

161 remaining data, we found the highest degree of correlation between adjacent time points,
162 as expected for a time-resolved dataset **(Fig 2A).** While this was generally true for both the
163 synchronized *Mtbcos* and unsynchronized *MtbRv* strains, the correlation matrix from the
164 *Mtbcos* cultures displayed a distinct three-block structure suggesting the presence of
165 transcriptionally distinct phases. This structure is even more apparent upon hierarchical
166 clustering, which revealed a pattern of gene expression consistent with an ordered
167 progression of events throughout the time course (**FigS1A**).
168
169 To take advantage of both replicate measurements and the relatedness of adjacent time
170 points, we used a Gaussian Process (GP) smoothing approach to estimate relative
171 expression levels of each gene across the time course **(Fig S1B)**. The expression of many
172 genes with known cell-cycle related functions were found to peak during the appropriate
173 period. For example, genes that are important for cell division, such as the regulator, *mtrA*
174 [21] or the septal components, *sepF* [22] and *sepIVA* [23], peak in expression once during
175 cytokinesis. Similarly, genes important for DNA replication, such as those encoding DNA
176 primase (*dnaG)* and the replicative polymerase (*polA)* display two expression peaks during
177 this time course, corresponding to DNA replication **(Fig2B)**. In addition, we found that the
178 expression pattern of several primary metabolic pathways mirrored these cell-cycle related
179 genes, and suggested alterations in metabolic flux. For example, genes necessary for
180 arginine biosynthesis were co-regulated and had opposing expression patterns to genes
181 involved in arginine catabolism **(Fig2B)**.
182
183 We sought to more formally define genes with an expression pattern consistent with cell

184 cycle progression. First, we removed genes with correlated expression patterns in
185 synchronized and unsynchronized cultures to minimize the effect of changes in culture
186 conditions during the time course. Next, we fit the raw data from both replicates for each
187 gene to a sinusoidal function with the expected period of the *Mtb* cell cycle, optimizing the
188 parameters for trend, amplitude, period and phase. Genes with a period outside the range
189 of reasonable expectations based on the *Mtb* cell cycle were filtered out, along with genes
190 with low overall expression or high variance between replicates. A goodness-of-fit criterion
191 based on curve fitting residuals was applied, which maximized the difference in genes
192 discovered in synchronized versus unsynchronized cultures. These criteria were
193 determined to produce a false discovery rate of 0.35% using a permuted dataset, and a 2.6-
194 fold enrichment in genes discovered in the synchronized data set, compared to the
195 unsynchronized set. 485 genes were categorized as periodically expressed (**Fig 2C**;
196 **Supplementary Table 2),** and all major functional categories were represented in this
197 gene set (**Fig2D)**.
198
199 Clustering this set of periodically-regulated genes further highlighted the association
200 between gene function and cell cycle stage. Genes were distributed into 8 clusters using
201 hierarchical clustering of the *Mtbcos* expression profiles **(FigS2),** producing groups of
202 coordinately regulated genes with peak expression values ranging across the time course.
203 Three of these clusters reflected expression profiles that peak during DNA replication
204 **(Fig2E)**. In these clusters, we find 9 genes with defined roles in DNA replication (*dnaG,*
205 *polA, helY, ercc3*) and nucleotide biogenesis (*carA, carB, pyrB, pyrC, purL*), further indicating
206 that expression patterns were consistent with gene function.

207

208 The periodically regulated gene set (485 genes) in *Mtb* represents 12% of the genome,
209 whereas 19% of the *C crescentus* genome was previously found to be cell cycle associated
210 [6][7]. In order to investigate whether similar cellular functions are periodically regulated
211 in these phylogenetically diverse organisms, we compared the expression patterns of
212 orthologous genes. Out of the 880 mutual orthologs identified as being reciprocal best
213 BLAST matches, 229 genes were defined as cell cycle regulated in *C. crescentus* by virtue of
214 being differentially expressed over time in synchronized cultures [7] and we found 142 to
215 be periodically expressed in *Mtb* with an overlap of 39 genes (**Fig2F, Supplementary**
216 **Table 3).** This overlap contains a number of genes with known cell cycle associated
217 functions, such as the DNA replication initiator, *dnaA*, the DNA primase *dnaG* and
218 nucleotide biogenesis (*nrdZ, purl, pyrB*). However, the modest degree of overlap also
219 suggests that independent sets of genes are periodically expressed in these two
220 phylogenetically distinct organisms.

221

222 **mRNA abundance predicts the order of assembly of mycobacterial divisome**
223 **components and regulators**

224 The order in which large multicomponent structures, such as the flagellum, are assembled
225 in bacteria can be predicted based on the transcriptional regulation of the corresponding
226 genes[24]. Based on this "just in time" transcription model [25], we hypothesized that the
227 assembly of the large complex of proteins necessary for cell division, aka the "divisome",
228 may follow the same principles and provide a model to test whether mRNA abundance
229 could be used to predict the timing of gene function in our system. To test this model, we

230 assessed the temporal coincidence between mRNA abundance and protein localization at
231 the developing and maturing septum.
232
233 To broadly identify genes that are induced during cytokinesis (27-33h), we identified genes
234 that only peak once in the time course **(Supplementary Table 1**) and clustered genes
235 based on similar expression patterns **(Fig3A).** Within the clusters that peak in expression
236 at the appropriate times, we found a number of genes known to be involved in cytokinesis
237 (**Fig3A**). The first to be induced was *ftsZ*, the tubulin-like nucleator of the septum, and the
238 septally-localized Ser/Thr kinase, *pknD*. This was followed by the expression of genes
239 encoding several divisome-associated proteins, FtsW, SepIVA, and LamA. After these, we
240 found the gene encoding the new pole landmark protein, DivIVA, was induced. To
241 determine if the timing of expression predicted the order of assembly, we chose three
242 genes, *pknD*, *ftsW* and *divIVA* which peaked in expression early, in the middle, and late
243 during the cytokinesis window, respectively. Pairs of these proteins were fused with
244 fluorescent tags and their cellular location was determined by time lapse microscopy in *M.*
245 *smegmatis*, a related mycobacterial species that expresses orthologs of these proteins and
246 is an experimentally tractable model of mycobacterial division [26]. Dual-color
247 fluorescence imaging revealed that PknD, FtsW, and DivIVA appear at the developing
248 septum in the order predicted by mRNA abundance (**Fig 3B-D**). This order was not dictated
249 by the maturation times of the two different fluorophores. Although not directly addressed
250 in our experiments, it is likely that order of localization at the septum is independent of
251 transcriptional regulation because PknD, and DivIVA fusion proteins were expressed from
252 constitutive promoters. Instead, the transcriptional order correlates with assembly, which

253 appears to be dictated at the posttranscriptional level.

254

255 **Guanosine synthesis influences cytokinesis in mycobacteria**

256 Having demonstrated that gene expression can predict the timing of gene function, at least
257 in the case of the developing septum, we investigated whether obligate coordination exists
258 between cellular events, such as DNA replication and cytokinesis, and upstream pathways
259 that produce the precursors for these processes. In particular, we focused on nucleotide
260 metabolism by analyzing the expression patterns of enzymes catalyzing anabolic reactions
261 beginning from the tricarboxylic acid cycle precursor, glutamate to the final nucleos(t)ide
262 products. Pyrimidine biogenesis from the very early stages of the *carAB*-encoded reactions
263 down to the *pyrBCDEF*-encoded reactions were most highly expressed during the C phase
264 at ~12 hours and ~48 hours **(Fig4A)**, consistent with previous reports of an increased
265 production of thymine nucleotides during DNA replication in *E coli* [27]. This also
266 corroborates reports of nucleotide pool sizes in *E coli* being insufficient for chromosome
267 replication and requiring *de novo* synthesis before the onset of the DNA replication phase
268 [28]. Unexpectedly, the converse expression pattern was observed for the first reaction
269 unique to guanosine synthesis *(guaB2)* . While both adenosine and guanosine purine rings
270 are synthesized from the common precursor inosine monophosphate (IMP), the IMP
271 dehydrogenase, GuaB2, catalyses the *first* dedicated reaction unique to GMP synthesis.
272 *guaB2* peaked in expression during cytokinesis at ~21hours (**Fig4A)**. Genes dedicated to
273 synthesizing adenosine from IMP, *purB* and *amk,* did not appear to be cell cycle regulated.

274

275 The reciprocal expression patterns of pyrimidine and guanosine synthetic genes suggested
276 that the requirement for these metabolites varied across the cell cycle and these
277 requirements were associated with distinct cellular events. To investigate this hypothesis,
278 we generated mutant *Mtb* strains in which synthesis of pyrimidines or guanosine was
279 inhibited via the inducible genetic depletion of the PyrE or GuaB2 proteins, respectively.
280 Each gene was fused to a C-terminal DAS+4 tag (DAS) that facilitated Clp protease-
281 mediated degradation upon removal of anhydrotetracycline (aTc). In both cases, protein
282 depletion inhibited bacterial growth (**Fig4B**), consistent with the essentiality of these
283 pathways [29]. As *Mtb* expresses three GuaB paralogs, we verified that GuaB2 is essential
284 for guanosine synthesis by supplementing the *guaB2-DAS* strain with 200uM guanine or
285 guanosine. Consistent with previous studies [30], guanine partially rescued the growth
286 defect of the depleted strain, whereas guanosine supplementation led to complete rescue
287 (**Fig4C)**.
288
289 The inverse expression patterns of *pyr* genes and *guaB2* implied increased *de novo*
290 synthesis of pyrimidine nucleotides and guanosine was preferentially required for DNA
291 synthesis or cytokinesis, respectively. To test this hypothesis, we used morphological
292 criteria to infer which cellular processes were primarily impacted by the inhibition of these
293 nucleotide synthetic pathways. PyrE depletion resulted in cell elongation before growth
294 arrest. The mean cell length increased from 3.3uM to 4.2uM upon PyrE depletion (**Fig4D**).
295 A similar phenotype was observed upon DNA gyrase GyrB depletion and in cells treated
296 with the gyrase inhibiting fluoroquinolone, moxifloxacin **(Fig4D)**, which disrupts DNA
297 replication and causes cell filamentation in *E coli* [33]. Cell elongation upon inhibition of

298 DNA replication is consistent with a number of previous observations in *B. subtilis* [31] and
299 *M. smegmatis* [32].
300
301 In contrast to the elongation observed upon PyrE depletion, GuaB2-depleted cells were the
302 same length as wild type, but many of these growth arrested cells had bulges at midcell or
303 one pole, suggesting that GuaB2 depletion may influence cell division **(Fig4D)**. To
304 determine if the polar bulges were derived from misshapen septa, we performed time-
305 lapse microscopy in *M. smegmatis* cells treated with a specific chemical inhibitor of GuaB2
306 (VCC234718). Similar to genetic depletion, chemical inhibition of the GuaB2 enzyme also
307 inhibited growth and produced bulges at midcell or one pole **(Fig4E)**. Time-lapse
308 microscopy revealed that cells began to bulge at midcell by the completion of 1-2 cell cycles
309 after the initiation of VCC234718 treatment, and that misshapen poles were derived from
310 these bulges. Taken together, these observations imply that the cellular requirement for
311 guanosine increases during cytokinesis, and that this requirement is reflected in the
312 aberrant septation of guanosine-depleted cells.
313
314 FtsZ is among the most abundant proteins in the cell and this tubulin-like protein binds and
315 hydrolyzes GTP [34] as it undergoes the cycles of polymerization and depolymerization
316 necessary for septation [35]. This GTP requirement suggested a possible mechanistic
317 connection between guanosine nucleotide levels and septation. To investigate whether the
318 effect of guanosine depletion on septation could be attributed to altered FtsZ dynamics, we
319 determined the effect of inhibiting both processes simultaneously using the GuaB2
320 inhibitor VCC234718 and C109, an inhibitor of FtsZ GTPase activity and polymerization

321 [36]. Consistent with the hypothesized mechanistic link, we observed significant
322 antagonism between these compounds. Even at concentrations of VCC234718 that alone
323 had no effect on growth (0.5 - 4uM), this compound consistently increased the IC50 of C109
324 (**Fig4F)**. In contrast, we found no interaction between VCC234718 and spectinomycin, an
325 inhibitor of another major GTP consuming pathway, translation. C109, has previously been
326 found to act additively with PCI90723, a compound that stabilizes the FtsZ filament. The
327 opposite antagonistic interaction we observed between C109 and a GuaB2 inhibitor implies
328 that guanosine inhibition inhibits polymerization, an effect that is consistent with the
329 known GTP requirement for FtsZ polymerization.[34], [37]. Taken together, these data are
330 consistent with a model in which transcriptional induction of GuaB2 during cytokinesis
331 coincides with the increased consumption of GTP by FtsZ, and the septal defects observed
332 on guanosine depletion are related to defects in FtsZ dynamics.
333

334 **Discussion**

335 Previously, global transcriptomic studies of the prokaryotic cell cycle have been limited to
336 the *C. crescentus* model. In this study, we leveraged a genetic strategy to synchronize *Mtb*
337 cultures, and characterized cell cycle associated transcriptional changes in this organism.
338 Comparisons between our *Mtb* studies and previously generated *C. cresentus* data are
339 limited by a number of technical differences, including the method and degree of
340 synchronization, that likely limited our ability to discern periodic patterns of relatively
341 small amplitude in the *Mtb* dataset. Regardless, our findings are broadly comparable to
342 observations in *C. crescentus*, as we found that a similar fraction of the genome is
343 differentially expressed across the cell cycle in both systems, and a small fraction of

344 orthologous genes are periodically-regulated in both. Despite these similarities, the
345 majority of cell-cycle associated transcriptional changes (82% of *C. crescentus* genes and
346 72% of *Mtb* genes) were unique to each organism. Thus, despite some similarities, our
347 analysis indicates that cell cycle progression is associated with distinct transcriptional
348 networks in these structurally and phylogenetically divergent organisms.
349
350 In a number of cases, we found that increases in mRNA abundance could be used to
351 associate genes with temporally-resolved cell cycle events, such as septation. The
352 sequential expression of divisome components as cell division progresses has been
353 observed previously in *C. crescentus* [6]. We provide functional evidence that this
354 hierarchical expression pattern is associated with the order of divisome assembly in
355 mycobacteria by demonstrating that the timing of gene induction correlates with the
356 recruitment of the encoded proteins to the developing septum. Based on transcriptional
357 data, we inferred the following order of assembly at the mycobacterial septum:
358 FtsZ>PknD>FtsW>LamA>SepIVA>DivIVA. The recruitment of these proteins spans
359 sequential processes of divisome assembly and new pole biogenesis. FtsZ initially marks
360 the future division site [38], facilitating the recruitment of divisome components such as
361 FtsW [39] and SepIVA [23]. The arrival of LamA at the later stages of assembly is
362 consistent with its role in delaying septation and thereby promoting asymmetric cell
363 division[40]. DivIVA is thought to be recruited to the negative curvature of the new pole
364 after septation[41][42][43] and the segregation of daughter cell cytoplasm [13]. While
365 these observations highlight that gene expression patterns can be used to predict the order
366 of complex assembly, the outcome of this coordination remains unclear. As only a subset of

367 currently known septal components were found to be periodically expressed,
368 transcriptional regulation is unlikely to be the primary determinant of assembly order.
369 Instead, this type of hierarchical gene expression has also been proposed as a mechanism
370 to maximize efficiency by restricting protein expression to the period when it is needed
371 [24][25]. Regulation of divisome assembly and function likely involves additional
372 posttranslational mechanisms, as we found that the Ser/Thr kinase, PknD, is recruited
373 relatively early in septal development and previous work described an important role for
374 the Ser/Thr phosphatase, PstP, in cell division[44], [45]. While it remains possible that
375 transcriptional regulation controls some aspects of septation, our data only show that
376 expression pattern can predict the timing of gene function.
377
378 The observed periodic expression of primary metabolic functions suggested the
379 importance of coordinating cell cycle events with the upstream pathways that provide their
380 precursors. This model is supported by our finding that pyrimidine synthetic genes peak
381 during a distinct cell cycle period than the dedicated guanosine synthetic gene, GuaB2; and
382 that the depletion of these genes primarily disrupts different cellular processes.
383 It is not surprising that the requirement for pyrimidines would increase during DNA
384 synthesis, as *de novo* nucleotide synthesis is necessary to replicate the chromosome[28].
385 However, the distinct cytokinesis defect observed upon GuaB2 depletion was
386 unanticipated. Guanine nucleotides are important for a myriad of cellular processes,
387 including DNA replication, transcription, and macromolecular synthesis. We speculate that
388 the preferential septation defect we observe upon GuaB2 depletion is related to the
389 relatively low affinity of FtsZ for GTP. An accurate determination of nucleotide pool sizes in

390 mycobacteria is still an open question [46], but in *E coli,* FtsZ has ~500-fold lower affinity
391 for GTP than the DnaE1 replicative DNA polymerase (K_m $FtsZ_{GTP}$ =1mM[47] ;
392 K_mDnaE1$_{GTP}$=2uM[48]). Thus, the reported intracellular concentration of GTP[49] would
393 support only one-half of the V_{max} of FtsZ [47]. These data indicate that GTP levels may limit
394 FtsZ dynamics. It is likely that GuaB2 depletion leads to aberrant FtsZ activity and not a
395 complete loss of function, since genetic depletion of FtsZ leads to filamentation [50], a
396 phenotype distinct from the one we observe upon GuaB2 depletion. Instead, alterations in
397 FtsZ filament length or rate of turnover may underly these defects.
398
399 Both DNA replication and cell division are essential processes that have been the focus of
400 antibacterial drug discovery efforts[46][51]. In most cases, these efforts focus on
401 inhibiting a limited number of physical components of the bacterial replisome or divisome.
402 Our transcriptional data identified a wide variety of genes that are coordinately expressed
403 with the genes encoding these complexes, and therefore may be required for their activity.
404 While we have only investigated these functional dependencies in the context of nucleotide
405 synthesis, our data suggest that many similar dependencies exist and can be predicted from
406 transcriptional profiles. If so, these data could be used to identify a wealth of new
407 strategies for inhibiting these specific essential cellular processes.
408
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418

419 **Author contributions**

420 Conceptualization- ACB, TRI, CMS
421 Methodology- ACB, TRI
422 Investigation- ACB
423 Validation- ACB
424 Formal Analysis- ACB, SS, TRI
425 Writing Original Draft- ACB
426 Writing Review & Editing- ACB, TRI, CMS
427 Funding acquisition- CMS
428 Supervision- CMS

429 **Declaration of interests**

430 The authors declare no competing interests.
431

432 **Figure Legends**

433 **Figure 1: DNA replication and cytokinesis are segregated in synchronously growing**
434 **populations of Mtb**

435 (A) Growth of *Mtbcos* (left) and *MtbRv* (right) after release into permissive temperature

436 37ºC. X axis: hours at 37ºC. Y axis: $Absorbance_{600}$

437 (B) FhaA septation index assay to determine cytokinesis phase. Percentage of *Mtbcos* (left)

438 and *MtbRv* (right) populations containing an FhaA-venus focus localized at midcell after

439 release into permissive temperature. Data points are representative of two biological

440 replicates. Blue line is smoothed via the Gaussian process. The blue band indicates 95%

441 confidence interval. Significant difference between *Mtbcos* and *MtbRv* curves was

442 determined using a likelihood ratio test which determines if the data is fit best by a

443 combined model (null hypothesis) or separate strain specific models (alternate

444 hypothesis). Log_likelihood difference between combined and separate models = -38.489,

445 p-value (chi-squared distribution; df=3) = 1.1e-16.

446 (C) Origin/terminus assay to determine the DNA replication phase. Relative ori/ter ratio of

447 *Mtbcos* (left) and *MtbRv* (right) populations after release in permissive temperature. Data

448 points are representative of two biological replicates. Blue line is smoothed via the

449 Gaussian Process. The blue band indicates 95% confidence interval. Significant difference

450 between *Mtbcos* and *MtbRv* curves was determined using a likelihood ratio test

451 Log_likelihood difference between combined and separate models = -12.412, p-value (chi-

452 squared distribution; df=3) = 1.679e-05.

453

454 **Figure 2: Periodic gene expression correlates with cell cycle progression**

455 (A) Correlation matrix of DESeq normalized counts for single replicates of *Mtbcos* (top) and

456 *MtbRv* (bottom) for all 16 timepoints. (Blue: Pearson's correlation coefficient=0; Yellow:

457 Pearson's correlation coefficient=1).

458 (B) Relative expression (GP smoothed, DESeq normalized read count for each time point
459 divided by the mean value for that gene across time) of genes involved in DNA replication &
460 cell division (top panel); arginine catabolism & anabolism (bottom panel).
461 (C) Relative expression (standard normalized DESeq counts - each value is subtracted by
462 the mean for that gene across time and then divided by the standard deviation) of 485
463 periodically expressed genes in *Mtbcos* (rows) sorted by peak expression time (columns).
464 (D)Fraction of periodically expressed genes present in different Gene Ontology categories.
465 (E) Clusters containing periodic genes with expression patterns consistent with a role in
466 DNA replication. Known DNA replication/nucleotide biogenesis genes found in these
467 clusters are listed. X axis: hours post release into permissive temperature. Y axis Relative
468 expression (standard normalized DESeq counts - each value is subtracted by the mean for
469 that gene across time and then divided by the standard deviation)
470 (F) Overlap between periodically expressed (*Mtbcos*) and differentially expressed (*C.*
471 *crescentus*) mutual orthologs.
472
473 **Figure 3: mRNA abundance predicts the order of assembly of mycobacterial divisome**
474 **components and regulators**
475 (A) (Left) Clusters of *Mtbcos* genes with expression patterns that peak during the
476 cytokinesis period. (Right) Scaled relative expression (GP smoothed, DESeq normalized
477 read count for each time point divided by the mean value for that gene across time, then
478 scaled) of known cytokinesis genes from these clusters.

479 (B) (Left) Scaled relative expression of PknD and DivIVA. (Right) Time-lapse imaging of *M*
480 *smegmatis* expressing PknD-Venus (green) and DivIVA-RFP (red). Time (minutes) before
481 the arrival of DivIVA at midcell is indicated.
482 (C) (Left) Scaled relative expression of FtsW and DivIVA. (Right) Time-lapse imaging of *M*
483 *smegmatis* expressing FtsW-Venus (green) and DivIVA-RFP (red). Time (minutes) before
484 the arrival of DivIVA at midcell is indicated.
485 (D) Time (minutes) between initial arrival of PknD (n=10), FtsW (n=7) and DivIVA at
486 midcell. Error bars indicate mean ± SD. Statistically significant difference between pknD
487 and ftsW determined using an unpaired T-test (α =0.05; p=0.0023). Statistically significant
488 difference between ftsW and divIVA determined using a chi-squared test (α =0.05 ; χ^2=7;
489 df=1; p<0.01).
490
491 **Figure 4: Guanosine synthesis influences cytokinesis in mycobacteria**
492 (A) Relative expression (GP smoothed, DESeq normalized read count for each time point
493 divided by the mean value for that gene across time) of IMP dehydrogenase *guaB2*
494 compared to pyrimidine biosynthesis genes *carA*, *carB*, *pyrB*, *pyrC, pyrD, pyrF*
495 (B) Cumulative growth (Absorbance$_{600}$) of *M tuberculosis guaB-2*DAS (top), *gyrB*-DAS
496 (center), *pyrE*-DAS (bottom) without depletion (solid line) and with depletion (dotted line).
497 Arrows indicate the time during the pre-depletion period when cultures were back diluted
498 into fresh growth medium. Data are represented as mean ± SD of two biological replicates
499 (C) Growth (Absorbance$_{600}$) of *M tuberculosis guaB2*-DAS ±depletion in the presence of
500 either 200μM guanine or guanosine. Data are represented as mean ± SD of two biological
501 replicates.

502 (D) *M tuberculosis* cellular phenotypes upon genetic depletion of GuaB2, PyrE, GyrB.
503 Images were obtained after the cessation of growth in depleted cells. In the case of GuaB2,
504 septal bulges (arrowheads) and polar bulges (arrows) are indicated. Histograms indicate
505 the cell length distribution of cells in which the target was either not depleted (gray) or
506 depleted (black). *Mtb* was treated with 0.2μM moxifloxacin for 24 hours and imaged.
507 Histograms indicate the cell length distribution of cells in untreated (gray) or treated cells
508 (black). MFD = Maximum Feret Diameter (1μM ~ 0.11MFD). Statistically significant/non-
509 significant difference between the cell length distributions was determined using the
510 Mann-Whitney test. (p_{guaB2}=0.214; p_{pyrE}<0.001; p_{gyrB}<0.001; $p_{moxifloxacin}$<0.001)
511 (E) Time-lapse imaging at 20 minute intervals of GFP-expressing *M smegmatis* treated with
512 2μM VCC234718.
513 (F) Left: Susceptibility of *M smegmatis* to VCC234718. Data are represented as mean ± SD
514 Center: Cross titration assay on GFP-expressing *M smegmatis* with the indicated
515 concentrations of VCC234718 and C109. Statistically significant difference between the
516 VCC alone curve and other curves was determined using an extra-sum-of-squares F-test
517 (α=0.05). $p_{(VCC\ 0.5\mu m)}$= 0.0215; $p_{(VCC\ 1\mu M)}$= 0.0284 ; $p_{(VCC2\mu M)}$= 0.0001 ; $p_{(VCC4\mu M)}$= 0.0019
518 Right: Cross titration assay on GFP-expressing *M smegmatis* with the indicated
519 concentrations of VCC234718 and spectinomycin. The differences between the VCC alone
520 curve and other curves were not significant, as determined using an extra-sum-of-squares
521 F-test (α =0.05). $p_{(VCC0.5\mu M)}$= 0.9989 ; $p_{(VCC1\mu M)}$= 0.9999 ; $p_{(VCC2\mu M)}$=ambiguous ; $p_{(VCC4\mu M)}$=
522 0.9978
523
524 **Materials and Methods**

525 **Strains**

526 The *Mtbcos* strain was obtained from [19]. *MtbRv* is the H37Rv strain used as an
527 unsynchronized control. Mtbcos and MtbRv expressing FhaA m-venus were transformed
528 with pKP887 (mycobacterial replicating plasmid MEH expressing MSMEG FhaA-Venus
529 expressed from the MSMEG *fhaA* native promoter (from K.P. Sundaram). *M smegmatis*
530 expressing ftsW-mVenus and divIVA-RFP was transformed with ptb21-ftsW-mVenus-MEK
531 and tb21-divIVA-RFP-MCtH. *M smegmatis* expressing pknD-mVenus and DivIVA-RFP was
532 transformed with p16-pknD-mVenus-MEK [52] and tb21-DivIVA-RFP-MCtH. *Mtb*
533 hypomorphs used in this study were generated as part of an earlier study [53] using a
534 controlled protein degradation system described previously[54]. Three strains were used
535 in this study: *Mtb guaB2*-DAS-Hyg^R+Giles-TetON1-sspB-str^R ; *Mtb* gyrB-DAS-Hyg^R+Giles-
536 TetON6-sspB-str^R *; Mtb* pyrE-DAS-Hyg^R+Giles-TetON1-sspB-str^R. *M smegmatis* expressing
537 green fluorescence contains the plasmid CT161 (m-Venus pMV261 Hyg^R) obtained from
538 the Eric Rubin Lab.

539

540 **Mtbcos synchronization**

541 Cultures of Mtb*dnaAcos115* generated in a previous study [19], MtbH37Rv,
542 Mtb*dnaAcos115*-FhaA-Venus and MtbH37Rv-fhaA-Venus were grown in standard culture
543 media at 37ºC under shaking conditions till OD_{600} 0.4. The cells were shifted to 30ºC for 36
544 hours. The cultures were then shifted to 37ºC and the cultures were processed for either
545 DNA isolation, RNA isolation or fluorescent microscopy at the following times: 0h, 3h, 6.5h,
546 9h, 12h, 18.5h, 21h, 27h, 31h, 33h, 36h, 39.5h, 42h, 45.5h, 52h and 55h.

547

548 **Chromosomal DNA isolation**

549 Chromosomal DNA was isolated from the cell pellet of 5ml culture from each timepoint.
550 Briefly, 0.5 ml of chloroform:methanol (2:1) was added and the mixture was vortexed 5X
551 1min. 0.5ml of phenol:chloroform was added and the mixture was vortexed for 30 seconds.
552 Finally, 0.5ml of TE buffer was added. This was centrifuged at 12,000g at4C for 5 minutes.
553 The upper phase was mixed with 1 volume of chloroform and vortexed. After
554 centrifugation, the upper phase was added to a new tube and 1/10 volume of 3M sodium
555 acetate and 1 volume of isopropanol was added. Precipitated DNA was spun out of solution
556 and resuspended in 20ul of TE buffer.

557

558 **Origin:terminus assay**

559 Multiple primer sets (designed using the Primer3 design tool) amplifying 150bp at each
560 location (Origin-0MB region surrounding Rv0001; Terminus –2.2MB region surrounding
561 Rv1949c) of the *Mtb*H37Rv genome were tested for amplification efficiency. Efficiency was
562 calculated from the negative slope of the standard curve of C_T v/s template concentration.
563 The primer sets with the highest and most similar efficiencies for both loci were selected
564 (95% for the origin and 93% for the terminus). Quantitative PCR was done using SYBR
565 green (Biorad iQ SYBR Green Supermix) with 2ng of gDNA template per reaction. Delta Ct
566 values were calculated as $dCt= Ct_{ori}-Ct_{ter}$. 2^-dCt values were then calculated for each
567 timepoint. These values were then divided by the mean 2^-dCt across all timepoints to
568 generate a relative ori/ter ratio for each timepoint.

569

570

571 **Microscopy**

572 Static imaging

573 At each time point post release into 37ºC (Fig1B) or timepoint post genetic depletion of
574 GyrB, GuaB2 and PyrE (Fig4D), 1ml of *Mtb* culture was centrifuged and cells were re-
575 suspended in a phosphate buffered saline solution containing 0.05% Tween80 and 4%
576 paraformaldehyde. These fixed cells were then placed onto an agarose pad and DIC (Fig4D)
577 or wide field fluorescence imaging (Fig1B) was performed with a DeltaVision Personal DV
578 microscope (GE Healthcare) using a 60X oil immersion objective (AP). Cell lengths in Fig4D
579 were determined using CellProfiler™ [55] which calculates a MFD (Maximum Feret
580 Diameter) which is a measurement of the largest number of pixels between the two ends of
581 the cell obtained while rotating a caliper along all possible angles. The approximate
582 conversion factor of MFD to microns is 0.11. Calculating an MFD is especially useful for
583 measuring mycobacteria since all cells are not strict rods (cells undergo V-snapping prior
584 to resolution of cytokinesis and daughter cell separation). The cell debris observed during
585 GyrB depletion in Fig4D was excluded from cell length quantification by training
586 CellProfiler using CP Analyst™.

587 Live cell imaging

588 10ul of cells in logarithmic phase (OD_{600} 0.2-0.5) were spotted on a glass bottom 24-well
589 plate (MatTek Corporation). 500ul of molten Luria Bertani medium (40-50C) was spread
590 over the cells and allowed to solidify. For experiments with VCC234718, molten LB
591 containing 2uM final concentration of VCC234718 was prepared before layering over the
592 cells. Time-resolved imaging was performed with a DeltaVision Personal DV wide field
593 fluorescence microscope equipped with Ultimate Focus™ capabilities and an

594 environmental chamber warmed to 37 °C (Applied Precision). Images were taken at 5 or 10
595 minute intervals.
596
597 **RNA isolation, library preparation and sequencing**
598 At each timepoint, 45ml culture was pelleted and resuspended in 1ml of TRIzol
599 (Invitrogen) and transferred to lysing matrix tubes (MP Biomedicals: Lysing Matrix B).
600 Cells were lysed in a MP Biomedicals Fast Prep-24 homogenizer (maximum power-6.5, 4 X
601 30s cycles, rest on ice for 5 minutes in between cycles). RNA was purified according to the
602 manufacturer's directions. RNA cleanup was performed with Qiagen RNeasy Mini kit
603 (74104) omitting the DNase step. Instead, after elution, in-tube DNase treatment was
604 performed using Ambion DNase Turbo. RNeasy cleanup was repeated again with double
605 volumes of RLT and ethanol. RNA was subjected to rRNA removal with Ribozero Bacteria
606 kit (Illumina-MRZB12424). Deep sequencing library was prepared using KAPA Stranded
607 RNASeq kit (KK8401). The RNAseq libraries were sequenced on an Illumina 2500
608 instrument in paired-end mode, using a read-length of 150+150bp. The mean number of
609 reads per sample was 8.9M (range 4.2-16.5M). The reads were mapped to the H37Rv
610 genome using Burroughs Wheeler Alignment [56] with default parameter settings. Reads
611 mapping to each ORF were totaled (sense strand only). Because certain loci were over-
612 represented (e.g. rrs, rnpB, ssr, Rv3661, which had counts ~0.5-1M), counts were
613 truncated to a maximum coverage of 10,000 (reads/nt).
614
615 **Data normalization, filtering and centering**
616 The global expression profiles of *Mtbcos* samples showed a gradual increase in expression

617 of a few genes that dominate expression at latter time-points. Consequently, a
618 compensatory decrease was observed in expression of other genes, making normalization
619 by traditional reads per kilobase per million (RPKM) mis-representative. To correct for the
620 bias induced by these outliers, the normalization method implemented in DESeq2 [57] was
621 used, which first normalizes counts by the geometric mean for each gene across samples,
622 and then scales each dataset to have a common median (which is less sensitive to outliers).
623 This was applied to all 64 datasets (2 strains X 2 replicates X 16 time-points) in parallel. As
624 a result, the expression patterns were well-calibrated between time-points, with the
625 medians matched**.**
626 To identify a subset of genes with meaningful expression, the average expression over all
627 time-points was calculated for each gene and divided by gene length (in nucleotides). 1070
628 genes out of 4018 with coverage<0.25 were dropped because expression patterns for
629 genes with low expression are inherently noisy, leaving 2948 genes with coverage>0.25.
630 **(Supplementary Table 1)**. Additionally, we removed 127 genes out of 2948 genes whose
631 expression was >90% correlated between *Mtbcos* and *MtbRv* from subsequent analysis, as
632 their expression patterns were assumed to be determined more by time than by difference
633 in the strains. To center the expression values, the counts were divided by the mean for
634 that gene across all the time points. This was done independently for *Mtbcos* and *MtbRv.*
635

636 **Gaussian Process Smoothing**

637 In order to meaningfully integrate the data from the two replicates and to smooth out
638 profiles over time, we used a Gaussian Process (GP) to fit the raw data (septation index and
639 ori/ter – Fig1, gene expression- Fig2, Fig3, Fig4).

A GP model is a Bayesian model that estimates the probability distribution over functions using Gaussian distributions for likelihood functions. The advantage of a GP is that it is unbiased and therefore does not require assumptions of form of function. Instead, it only assumes that adjacent time points are better coupled than distant time points and that this correlation is based on Gaussian distributions.

A Gaussian Process is specified by a mean function and a covariance function

$$f(x) \sim GP\big(m(x), k(x, x')\big)$$

A prior mean m(x)=0 and a covariance function, squared exponential is given as:

$$k(x, x') = \sigma^2 \exp\left(-\frac{1}{2}\sum_{i=1}^{d}\frac{(x_i - x'_i)}{l_i^2}\right)$$

where l^2= lengthscale, σ^2 = variance, d = input dimension

We normalized the expression value e(g,t) (with addition of pseudocounts of 10) of each gene g at each time point t by dividing the mean across all time points, and then taking log base *e* transformation so that the normalized value *e'(g,t)* fluctuates with a mean of 0. The formula is given as:

$$e'(g,t) = log_e\, e\frac{e(g,t)}{\sum_t^T e(g,t)}$$

Gaussian estimation of the expression levels for a gene at different time points, subject to noise is given as:

$$y = f(x) + \varepsilon \quad \text{where: } \varepsilon \sim N\,(\mu, \sigma_n^2)$$

The predictive distribution for 15 test time points (~ 3 hour intervals, 3-55 hours), $\{x_1, x_2, \ldots, x_*\}$ is specified as:

$$p(f_*|x_*, x, y) = N(m(x_*), k(x_*))$$

657 where:

$$m(x_*) = k(x_*, x)^T (k(x, x) + \sigma^2 I)^{-1} y$$

$$k(x_*) = k\ (x_*, x_*) - k(x_*, x)^T (k(x, x) +\ \sigma^2 I)^{-1}\ k\ (x_*, x) + \sigma^2$$

658 We utilized the GPy Python package to fit the relative expression data (value for cos1 and
659 cos2 simultaneously normalized by the mean expression level across all 60 time points for
660 each gene using the following hyperparameters: variance = 1.0, noise variance = 0.1 and
661 lengthscale (range 1 ~ 50) optimized to Maximum Likelihood Estimate (MLE) using a grid
662 search method. After fitting the model, the predicted value (i.e. posterior mean) for each
663 time point can be extracted. **Fig S1B** shows the GP regression obtained for *polA* (Rv 1629:
664 DNA polymerase). Not only do the fitted values from the GP model generally interpolate
665 between the observed data at each time point, they also present a smoother profile by
666 averaging between adjacent time points to reduce noise. The error bands show the
667 uncertainty in the model (95% confidence interval which can be denoted as $\pm 1.96 * \sigma$, where
668 σ is the estimated standard deviation at each X-coordinate (time point) from the Gaussian
669 Process model based on variance of the training data and surrounding points).
670

671 **Periodicity Analysis**

672 Traditional signal analysis methods like Fourier analysis, Fisher's g-test, etc. as suggested
673 by Wichert et. al.[58] performed poorly on our dataset because our experiment captured
674 only about one-and-a-half cell-cycles. Thus, to identify periodic genes, we took an
675 approach of sinusoidal curve-fitting, reminiscent of the non-linear curve fitting method
676 described by Straume et.al. (COSIN2NL in COSOPT) [59]. We fit the expression profiles for
677 each gene to a sin curve with free parameters (including frequency, phase, and trend), and

678 selected genes with frequencies and amplitudes in a reasonable range. Goodness-of-fit was
679 measured using residual sum-of-squares (RSS). Importantly, it is difficult to draw an
680 absolute cutoff for significance based on RSS, since any data can be fit to a sin in some way,
681 and RSS incorporates intrinsic noise in the data (E.g. between replicate observations).
682 Hence, we took a comparative approach by also fitting the data to a quadratic curve, which
683 captures the general trend of the expression profiles. We then compared the RSS of the sin
684 fit to the RSS of the quadratic fit (which must also pay a similar price for noise in the same
685 data). Periodic genes are defined as those that exhibit oscillatory behavior above and
686 beyond the trend that can be represented by a quadratic. The curve fitting for each gene
687 was applied to the DESeq-normalized read counts (15 time-points, 2 replicates each). The
688 sinusoidal function implemented is written as:

689 $$y_{sin}(t) = A \sin(\omega t + \Phi) + B + Ct$$

690 where: A = Amplitude; ω= Frequency; B= Mean offset; Φ= phase shift; Ct= a linear term to
691 capture a net increasing or decreasing trend in the expression. The parameters in this
692 function were optimized using the *curve_fit*() function in SciPy using non-linear least-
693 squares. We then selected genes based on period length (27.5 hours< period < 55 hours)
694 and amplitude (≥ 0.7). We also removed genes with a correlation coefficient of > 0.9
695 between expression profiles in Cos versus Rv. The residual sum-of-squares (goodness-of-
696 fit) was calculated as follows:

$$RSS_{sin} = \sum_{t=1..15,\ r=1,2} (y_{t,r} - y_{sin}(t))^2$$

697 where y_{sin} are the sin function estimates for each time point.

698 A similar curve-fitting approach was used to fit the data to a quadratic curve:

699 $$y_{quad}(t) = D\,t^2 + E\,t + F$$

700 using *curve_fit*() to optimize the parameters D, E, and F for each gene, and the residual was

701 calculated as:

$$RSS_{quad} = \sum_{t=1..15,\ \ r=1,2} (y_{t,r} - y_{quad}(t))^2$$

702 Finally, a score was calculated for each gene based on the ratio of residuals. To

703 meaningfully enrich periodic genes in *Mtbcos,* we used a Receiver Operating Characteristic

704 (ROC) curve to determine the RSS_{sin}/RSS_{quad} range where we optimally enrich for periodic

705 genes in *Mtbcos.* The RSS_{sin}/RSS_{quad} range was determined to be 0.35-0.45. A threshold of

706 0.45 was chosen based on examining plots (**Fig S3, S4**) that visually exhibit clear

707 oscillatory behavior (beyond the general trend). Thus, genes with a ratio of less than 0.45

708 were identified as periodic:

$$\frac{RSS_{sin}}{RSS_{quad}} < 0.45$$

709 which means that the sinusoidal fit reduces the residual error by more than two-fold over a

710 quadratic curve and hence fits the data better.

711 Using this comparative curve-fitting approach, 485 genes were identified as periodic

712 in *Mtbcos* (**Supplementary Table 2)**, and only 183 genes in *MtbRv* , a ~2.6 fold

713 enrichment. To estimate the number of false positives in the set of 485 genes, we

714 randomized the data (by shuffling the genes and timepoints) and subjected the randomized

715 dataset to the same analysis as described above. This permutation analysis yielded only 14

716 periodic genes under the null hypothesis. Thus, we estimate the false discovery rate (FDR)

717 at approximately 14/4019 = 0.35%.

718

719 **Clustering**

720 Genes were clustered based on their expression profiles using hierarchical clustering
721 (*hclust()* in R), using the ward.D2 method [60] based on the Euclidean distance between
722 the vectors of expression values averaged between replicates over the 15 time points,
723 which were standard-normalized for each gene (subtract mean and divide by standard
724 deviation) to make the mean expression level equal to zero for each. The optimal number
725 of clusters was determined based on the Bayesian Information Criterion (BIC) using
726 *mclustBIC*() in the *mclust* R package [61], which showed that the optimal number of
727 clusters among the 485 *Mtbcos* periodic genes was 8 (using the 'VEE' model). The
728 dendogram was then divided into 8 disjoint clusters using *cutree()*.

729

730 **Peak Assignment**

731 Using the GP fit data, we applied the following criteria to assign a peak to a gene's
732 expression profile. The time series T with n observations for each gene with smoothed
733 expression values $\{x_1, x_2, \ldots, x_n\}$ at different time points $\{t_1, t_2, \ldots, t_n\}$ was defined as:

$$T = \{(t_1, x_1), (t_2, x_2), \ldots (t_n, x_n)\}$$

734 First, to screen out the increasing or decreasing trend at the beginning and end of the time
735 series, and to focus on the cytokinesis phase in the middle of the time course, we excluded
736 the first and last two time points from the peak assignment. Second, to identify well-spaced
737 major peaks across time points, we defined a point x_i as a peak if it has a greater magnitude
738 than its two nearest neighbors on both sides. This is defined as:

$$x_i > x_{i+1}, x_{i+2}, x_{i-1}, x_{i-2} \qquad \forall_i = 3,4, \ldots, n-2$$

739 Furthermore, to filter out the genes with lower fluctuations, the difference between the

740 magnitude of the highest peak x_h and the global minimum g_{min} was restricted to be greater
741 than 0.5. Additionally, in the case of more than one peak in the time series, all the peaks
742 were constrained to have at least a half magnitude of the highest peak in the expression
743 profile. Finally, a set of peaks *P* for a time series was identified as:

$$P = \{(t_i, x_i) | (x_i > x_{i+1}, x_{i+2}, x_{i-1}, x_{i-2}) \wedge (x_i - g_{min} > 0.5) \wedge (x_i \geq 0.5 * x_h)\} \ \forall_i = 3,4, \dots, n-2$$

744 Among the significantly expressed genes, the peak assignment identified 1620 genes with a
745 single peak and 71 genes with two peaks in the *Mtbcos* strain compared to 903 genes with a
746 single peak and 8 genes with two peaks in *MtbRv*. Similarly, 1222 genes in the cos strain
747 and 2344 genes in the wild type did not have any major peak. This once again confirmed
748 that the gene expression levels in the *Mtbcos* strain show significantly higher fluctuations
749 than *MtbRv*.
750

751 **Supplemental figure legends**

752 FigS1A: Hierarchical clustering of relative expression of genes (rows) in *Mtbcos* (log
753 transformed DESeq normalized counts, centered around the mean, similarity metric:
754 centered correlation, clustering method: centroid linkage). Columns - hours at 37ºC.
755 FigS1B: Expression profile of the DNA polymerase *polA*. Data from two replicates (yellow
756 and blue dashed lines) , GP fit (solid blue line) and sinusoidal fit (pink dotted line) are
757 shown. Y axis: Relative expression (DESeq normalized value for each time point divided by
758 the mean polA expression value across all time points.
759 FigS2: Eight clusters containing the 485 periodic genes in *Mtbcos* (Distance matrix:
760 Euclidean, Clustering method: Hierarchical).
761 Fig S3: Sinusoidal fits (red) and quadratic fits (gray) to standard normalized DESeq read

counts (count-mean/SD) for all genes in *Mtbcos*

Fig S4: Sinusoidal fits (red) and quadratic fits (gray) to standard normalized DESeq read counts (count-mean/SD) for all genes in *MtbRv*

Supplemental tables

Table 1: Normalized DESeq2 values for all detected 2948 genes which were deemed to be significantly expressed. Each value represents relative expression, the DESeq2 value normalized to the mean value of that gene across time. Genes determined to have one or two peaks in expression are indicated along with their peak cluster assignment.

Table 2: Standard normalized DESeq2 values for the 485 periodic genes (Count -mean/SD). Periodic gene cluster ID is indicated.

Table3: List of overlapping periodically expressed *Mtb* (this study) and differentially expressed *C crescentus* [7] orthologs.

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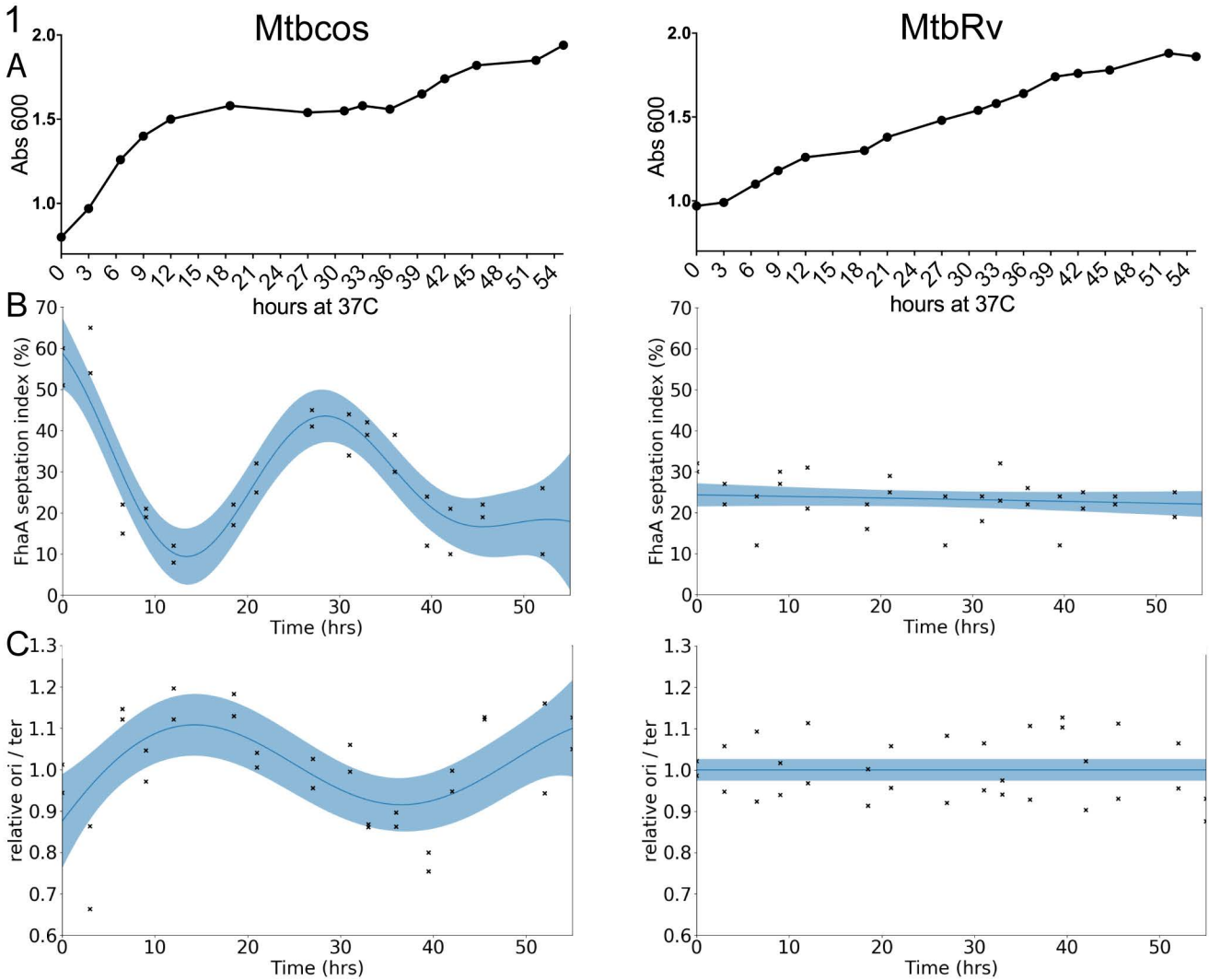
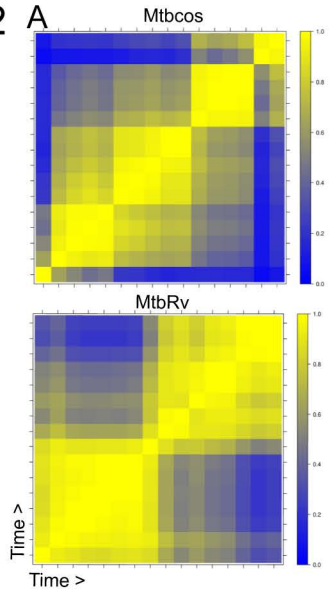
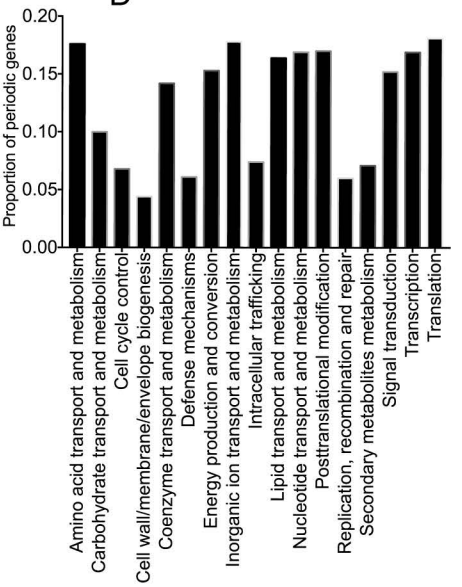

1
A
Mtbcos
MtbRv
Abs 600
hours at 37C
B
FhaA septation index (%)
Time (hrs)
C
relative ori / ter
Time (hrs)

2

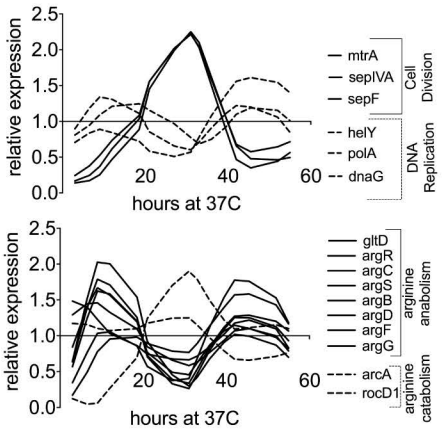
A


Mtbcos
MtbRv
Time >
Time >

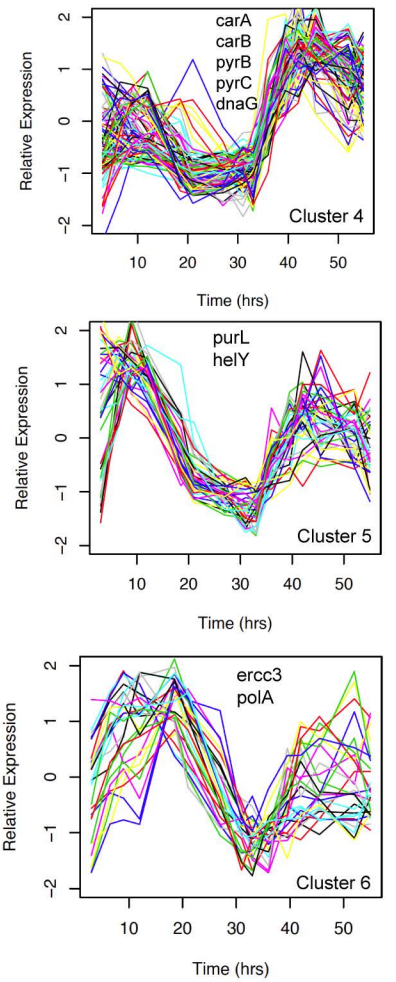
D


Proportion of periodic genes
0.20
0.15
0.10
0.05
0.00
Amino acid transport and metabolism
Carbohydrate transport and metabolism
Cell cycle control
Cell wall/membrane/envelope biogenesis
Coenzyme transport and metabolism
Defense mechanisms
Energy production and conversion
Inorganic ion transport and metabolism
Intracellular trafficking
Lipid transport and metabolism
Nucleotide transport and metabolism
Posttranslational modification
Replication, recombination and repair
Secondary metabolites metabolism
Signal transduction
Transcription
Translation

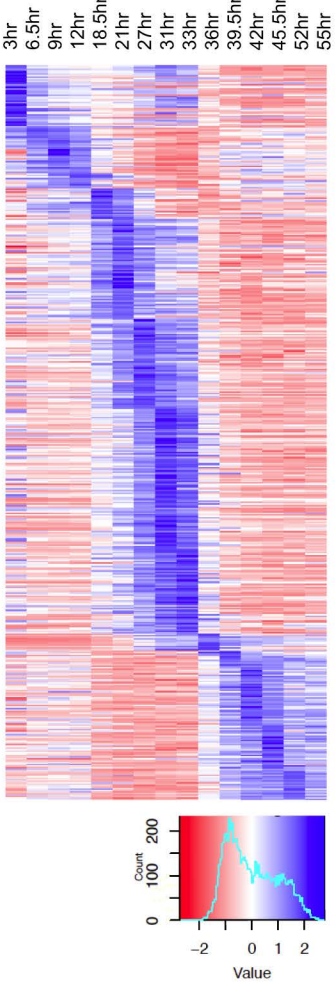
B


relative expression
hours at 37C
mtrA
sepIVA
sepF
Cell Division
helY
polA
dnaG
DNA Replication
gltD
argR
argC
argS
argB
argD
argF
argG
arginine anabolism
arcA
rocD1
arginine catabolism

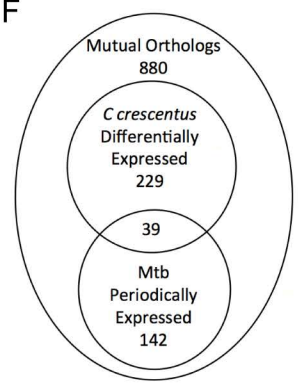
E

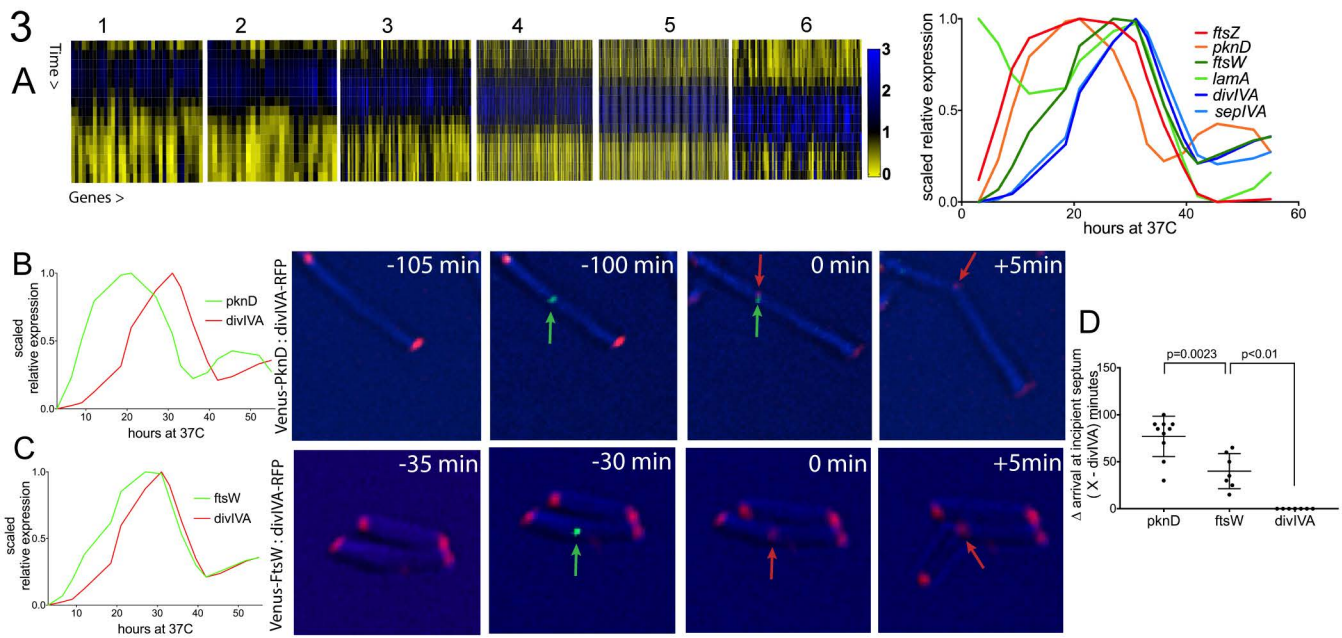

carA
carB
pyrB
pyrC
dnaG
Cluster 4
purL
helY
Cluster 5
ercc3
polA
Cluster 6
Relative Expression
Time (hrs)

C

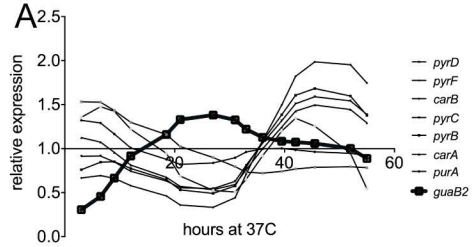

3hr
6.5hr
9hr
12hr
18.5hr
21hr
27hr
31hr
33hr
36hr
39.5hr
42hr
45.5hr
52hr
55hr
Count
Value

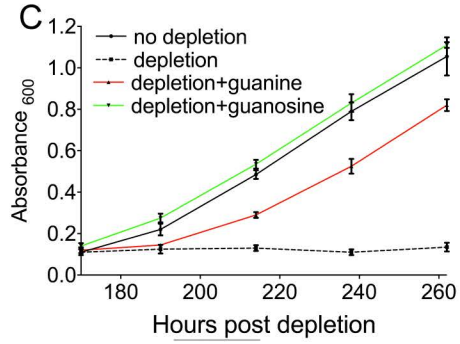
F

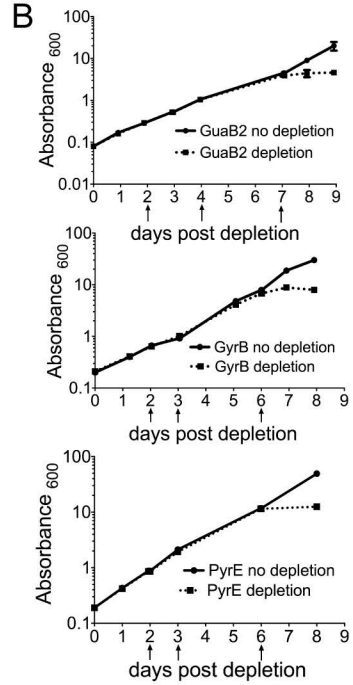

Mutual Orthologs
880
C crescentus
Differentially
Expressed
229
39
Mtb
Periodically
Expressed
142

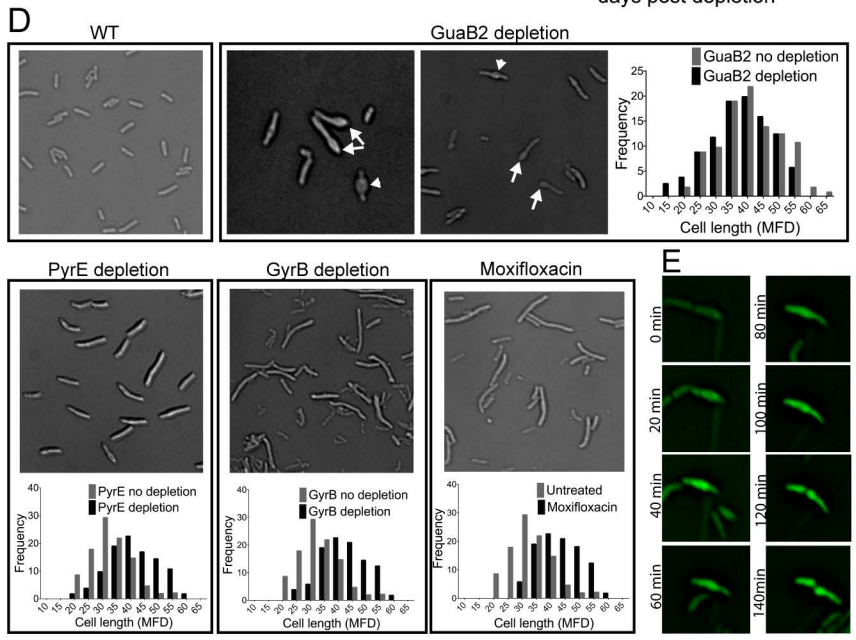

3
A
1
2
3
4
5
6
Time >
Genes >
3
2
1
0
scaled relative expression
1.0
0.5
0.0
0
20
40
60
hours at 37C
ftsZ
pknD
ftsW
lamA
divIVA
sepIVA
B
scaled relative expression
pknD
divIVA
hours at 37C
C
scaled relative expression
ftsW
divIVA
hours at 37C
Venus-PknD : divIVA-RFP
-105 min
-100 min
0 min
+5min
Venus-FtsW : divIVA-RFP
-35 min
-30 min
0 min
+5min
D
p=0.0023
p<0.01
Δ arrival at incipient septum
(X - divIVA) minutes
150
100
50
0
pknD
ftsW
divIVA

4

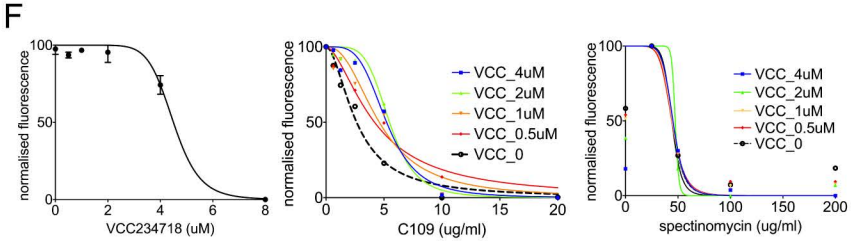

A
relative expression
hours at 37C
pyrD
pyrF
carB
pyrC
pyrB
carA
purA
guaB2


C
no depletion
depletion
depletion+guanine
depletion+guanosine
Absorbance 600
Hours post depletion


B
Absorbance 600
GuaB2 no depletion
GuaB2 depletion
days post depletion
GyrB no depletion
GyrB depletion
PyrE no depletion
PyrE depletion

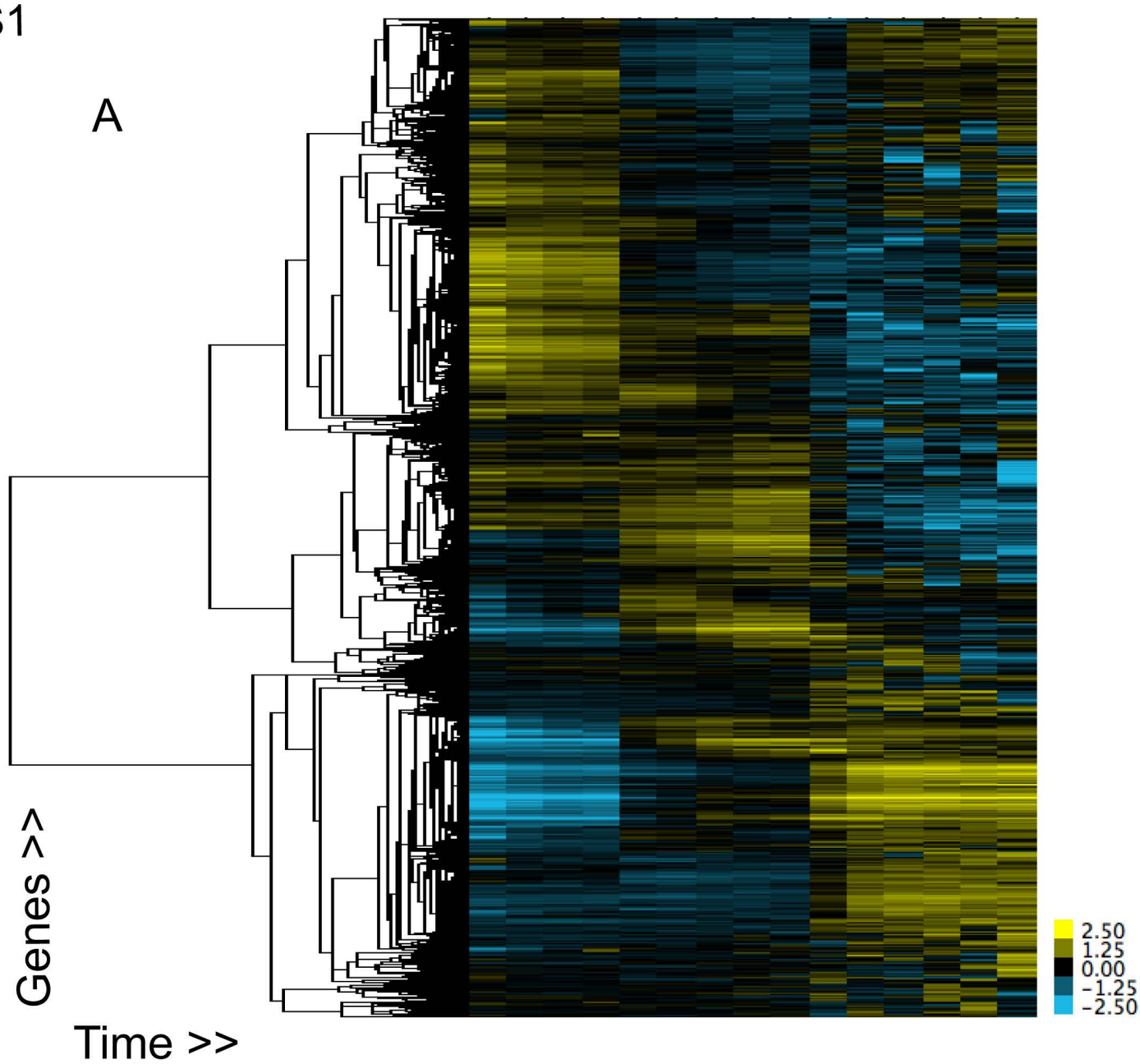

D
WT
GuaB2 depletion
GuaB2 no depletion
GuaB2 depletion
Frequency
Cell length (MFD)
PyrE depletion
GyrB depletion
Moxifloxacin
PyrE no depletion
PyrE depletion
GyrB no depletion
GyrB depletion
Untreated
Moxifloxacin

E
0 min
20 min
40 min
60 min
80 min
100 min
120 min
140min

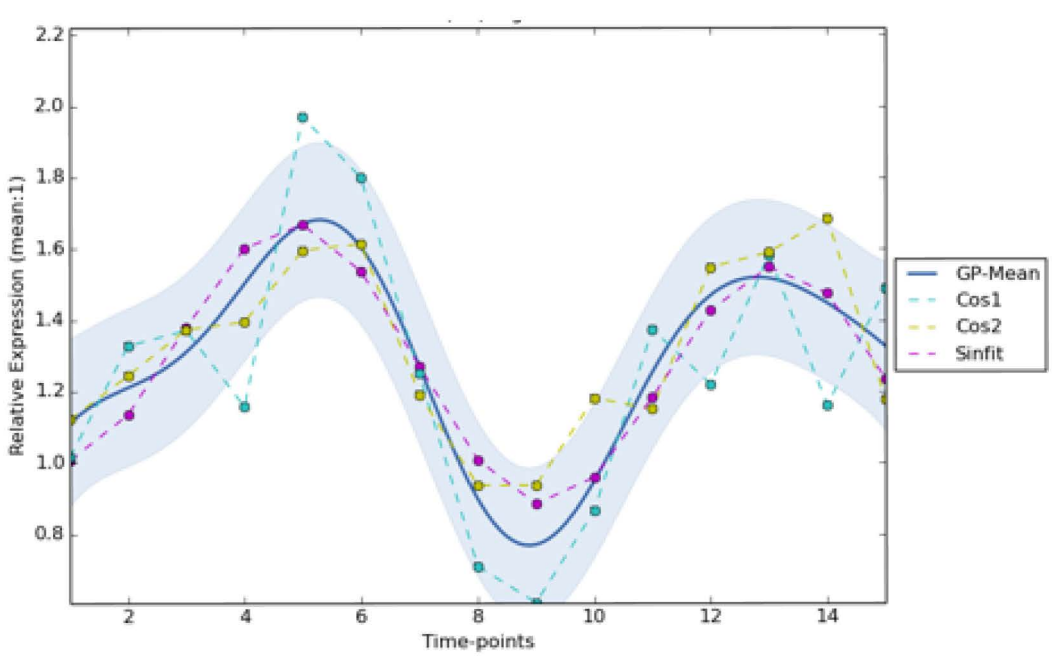

F
normalised fluorescence
VCC234718 (uM)
C109 (ug/ml)
spectinomycin (ug/ml)
VCC_4uM
VCC_2uM
VCC_1uM
VCC_0.5uM
VCC_0

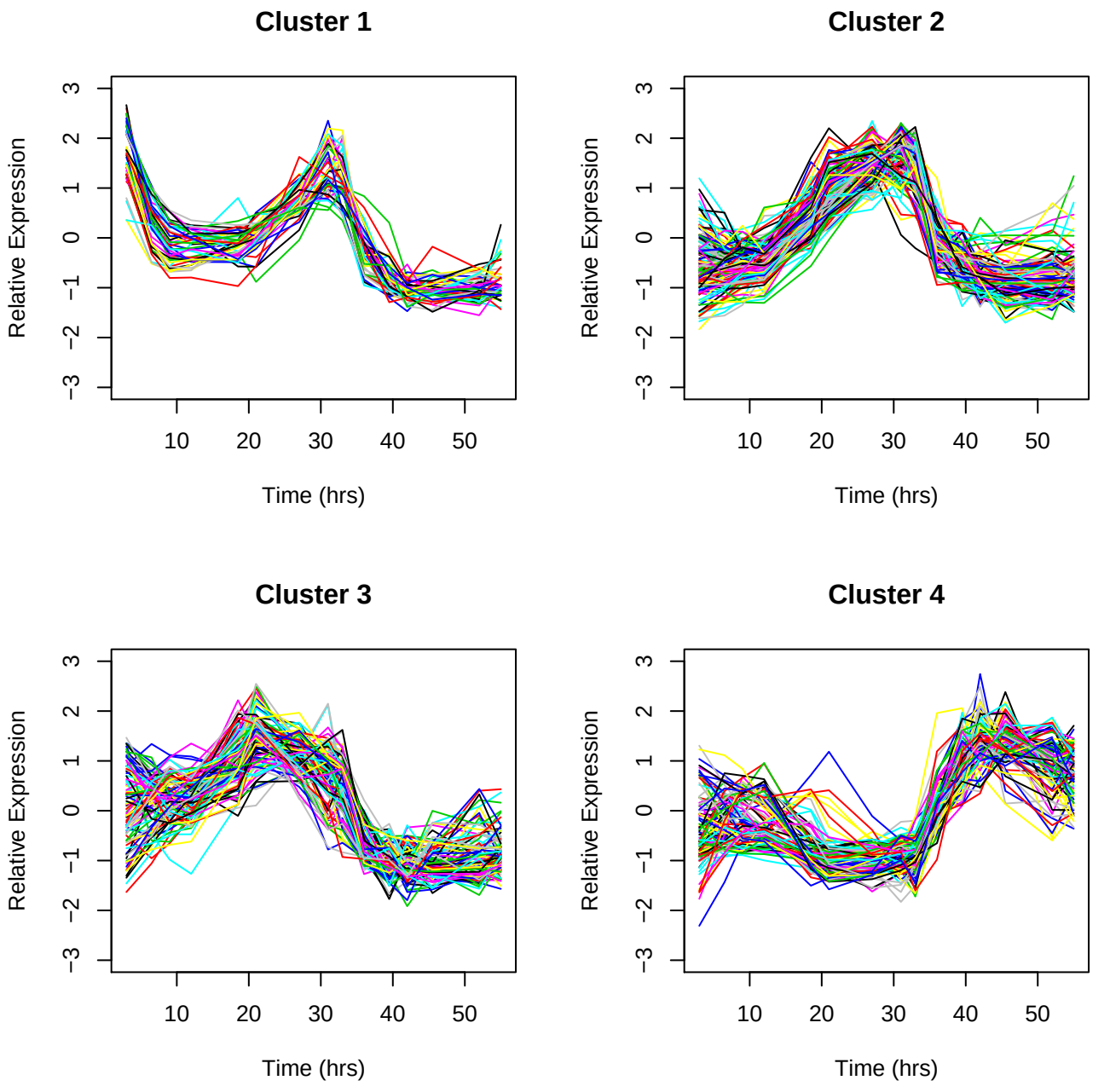
S1

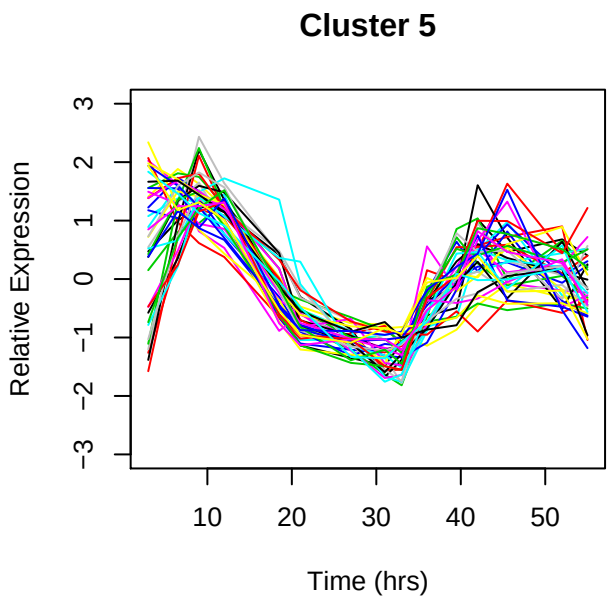
A

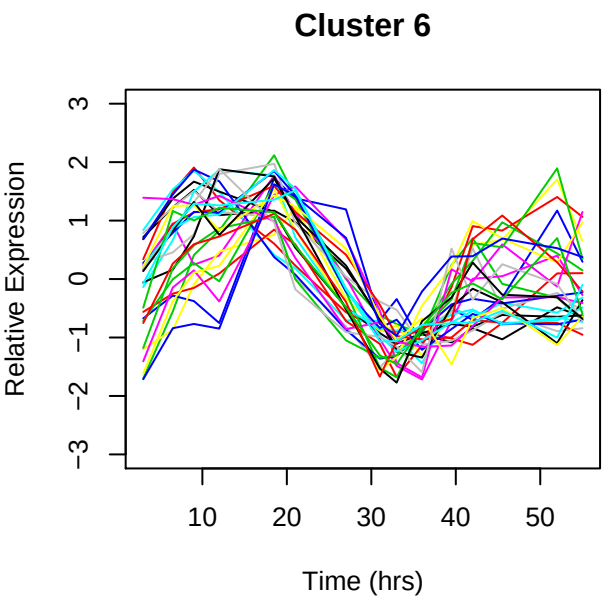

Genes >>
Time >>
2.50
1.25
0.00
-1.25
-2.50

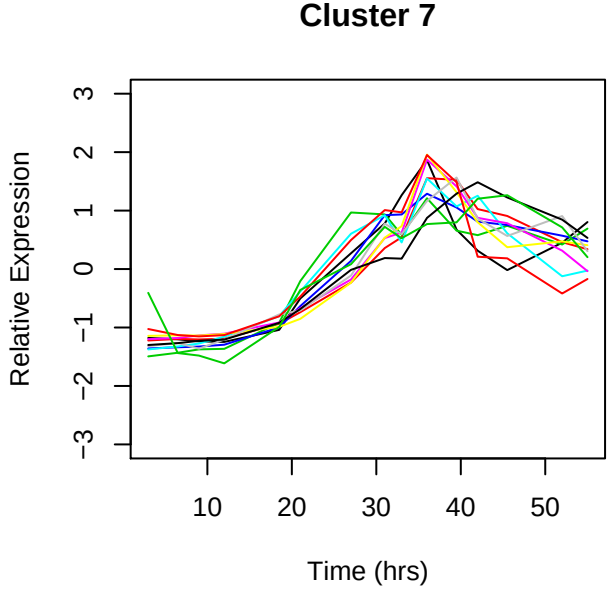
B

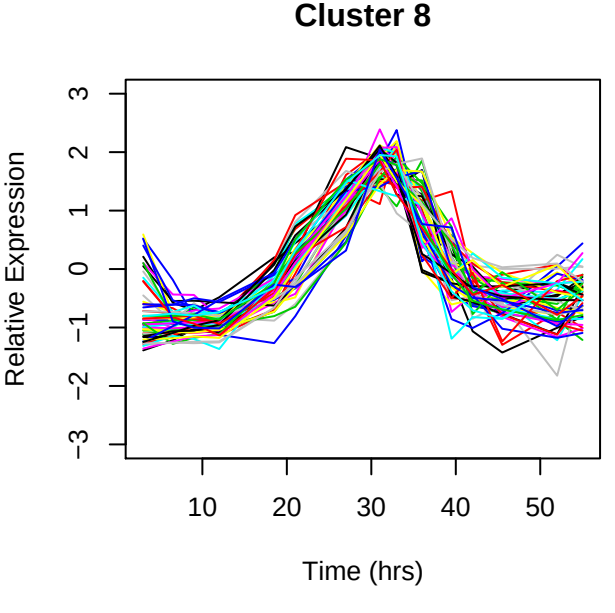

Relative Expression (mean:1)
Time-points
GP-Mean
Cos1
Cos2
Sinfit

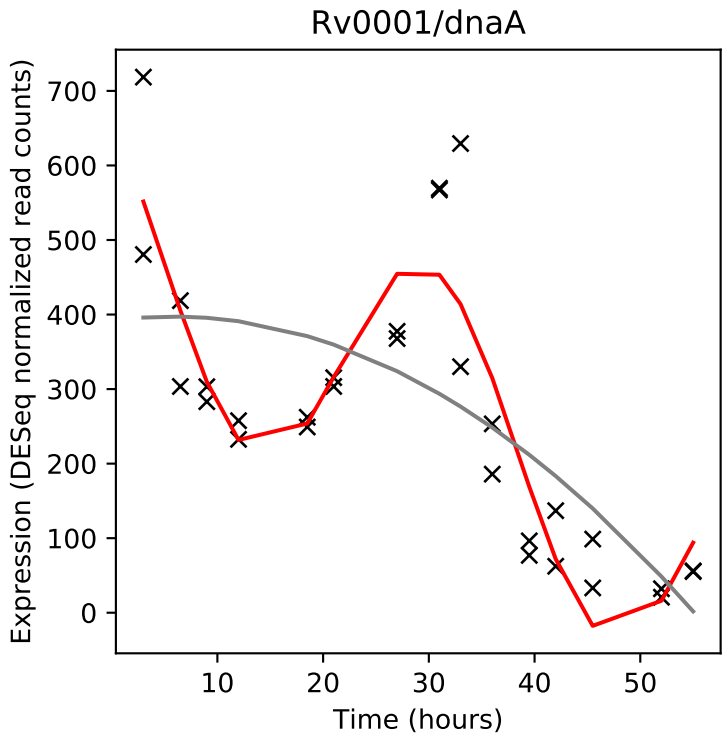

Cluster 1
Cluster 2
Cluster 3
Cluster 4
Relative Expression
Time (hrs)
3
2
1
0
−1
−2
−3
10
20
30
40
50

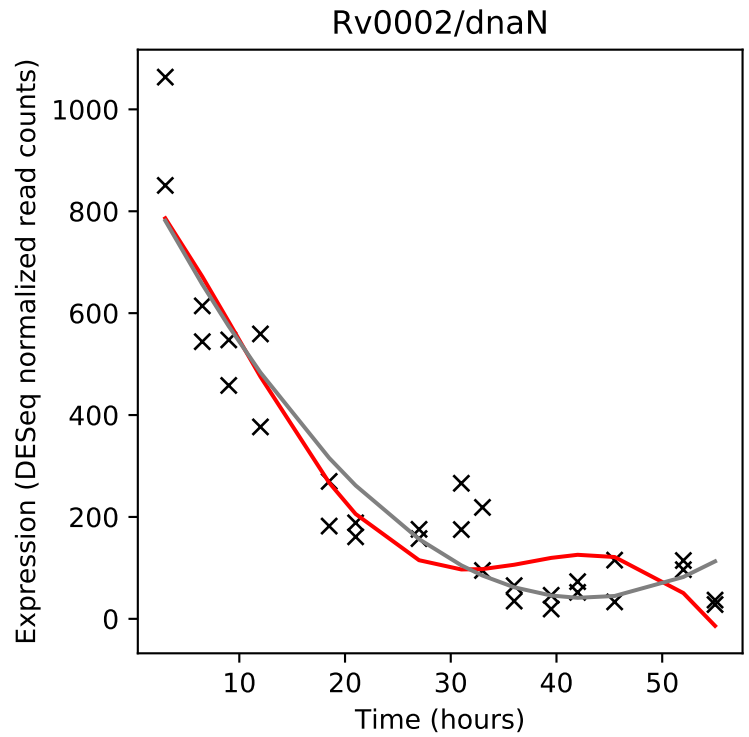

Cluster 5
Relative Expression
Time (hrs)
3
2
1
0
−1
−2
−3
10
20
30
40
50

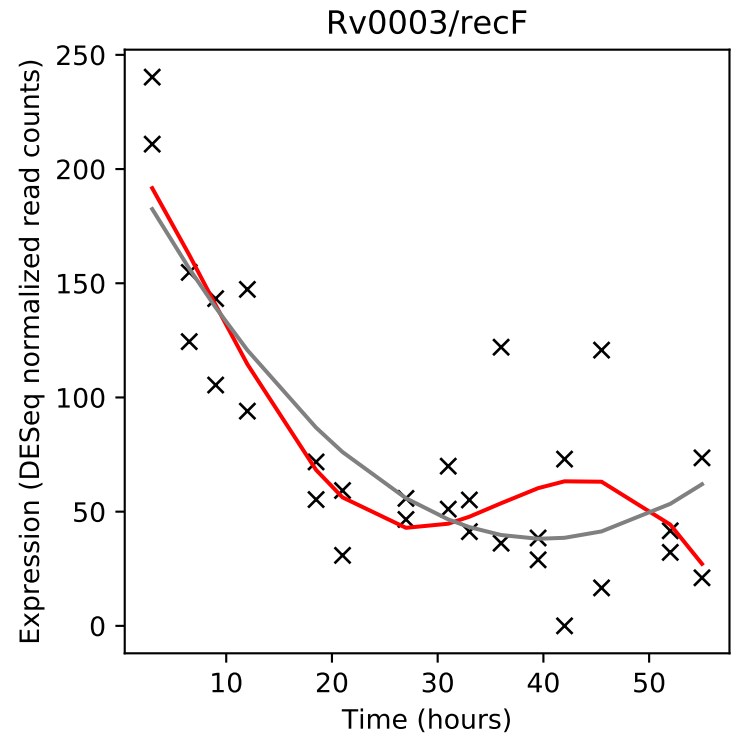

Cluster 6
Relative Expression
Time (hrs)
3
2
1
0
−1
−2
−3
10
20
30
40
50

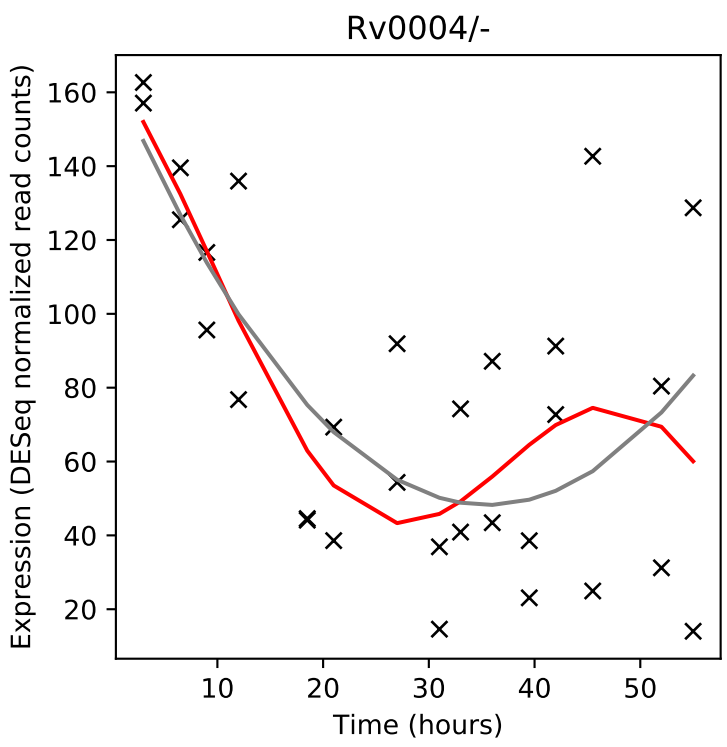

Cluster 7
Relative Expression
Time (hrs)
3
2
1
0
−1
−2
−3
10
20
30
40
50

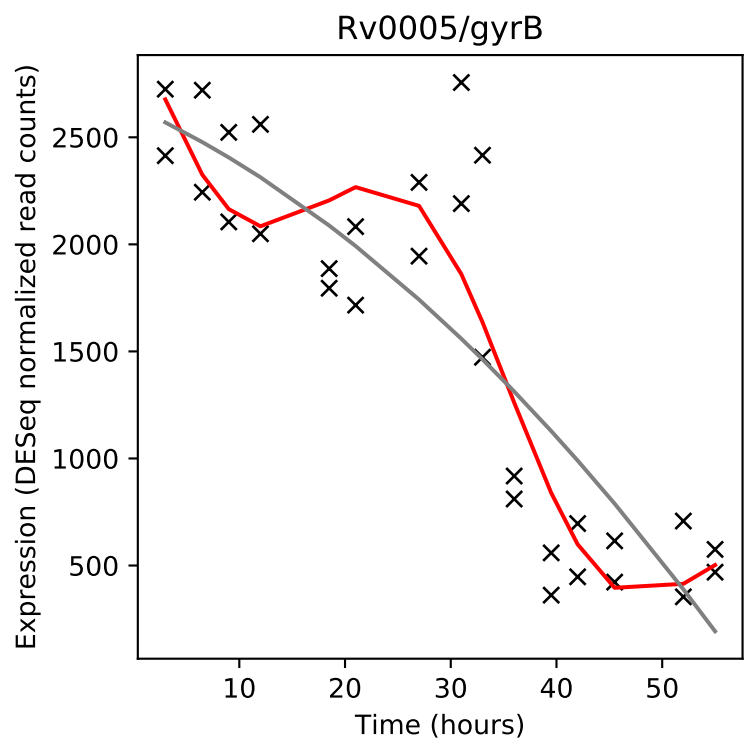

Cluster 8
Relative Expression
Time (hrs)
3
2
1
0
−1
−2
−3
10
20
30
40
50

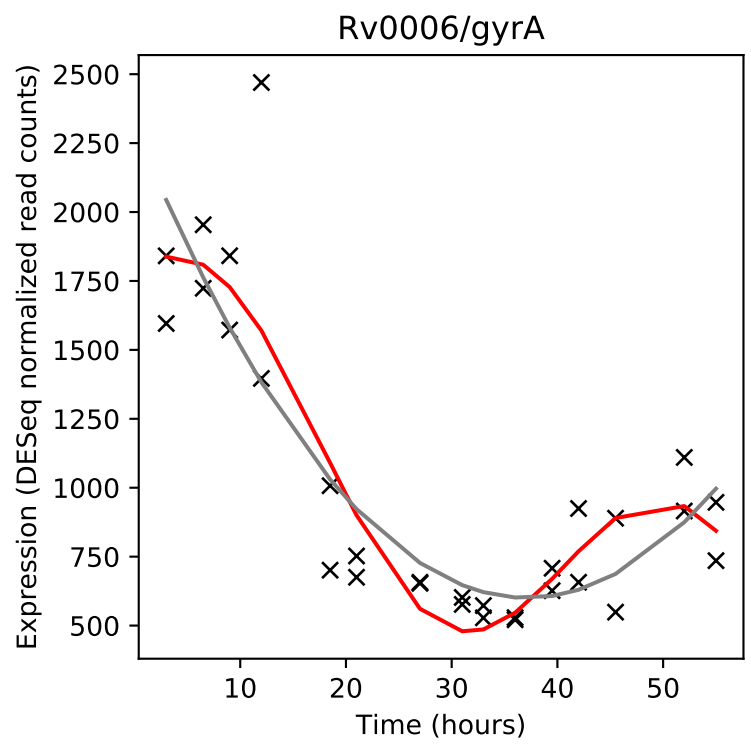

Rv0001/dnaA
Expression (DESeq normalized read counts)
Time (hours)

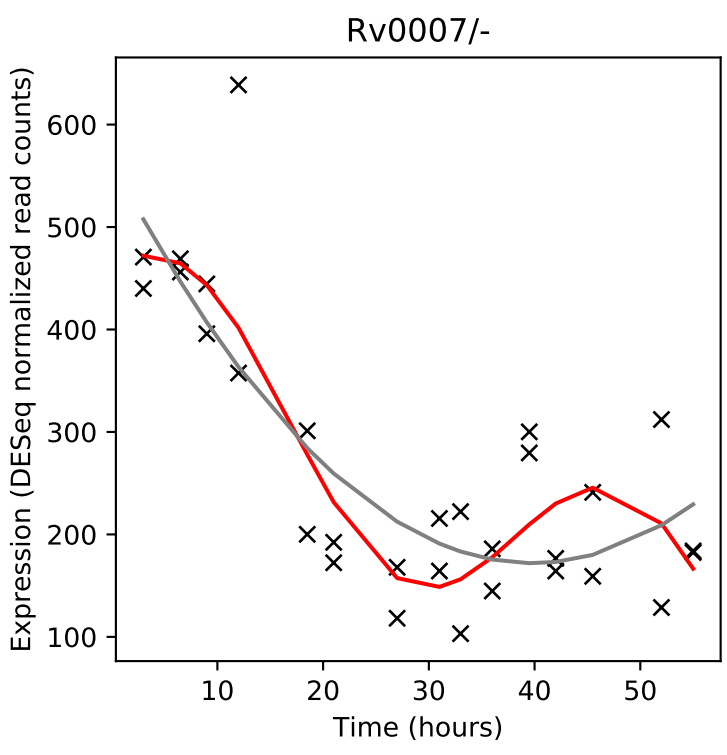

Rv0002/dnaN
Expression (DESeq normalized read counts)
Time (hours)

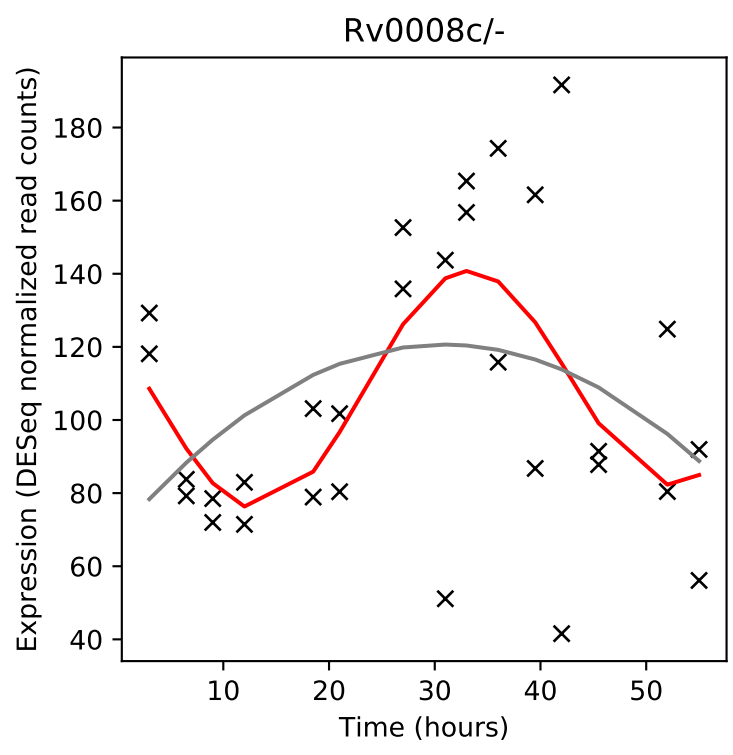

Rv0003/recF
Expression (DESeq normalized read counts)
Time (hours)

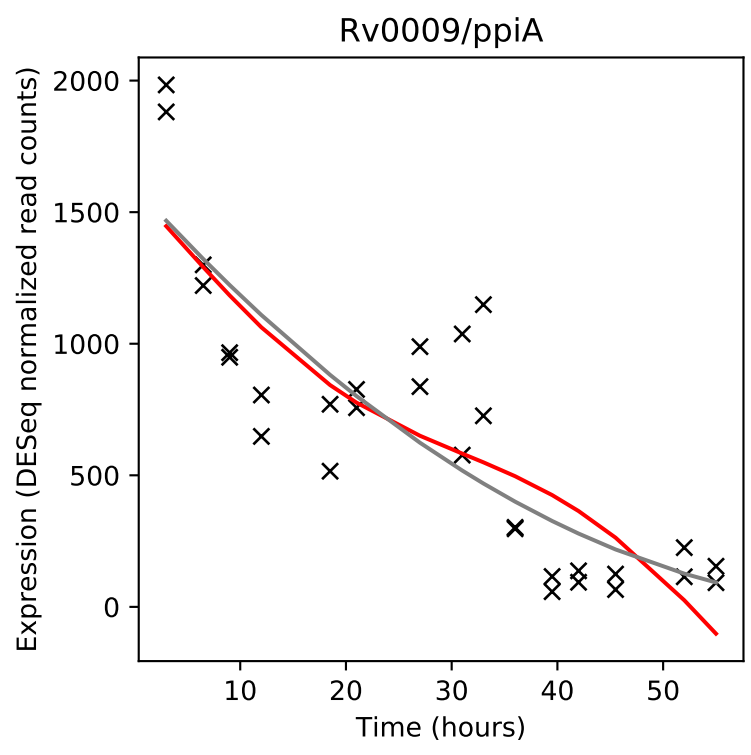

Rv0004/-
Expression (DESeq normalized read counts)
Time (hours)

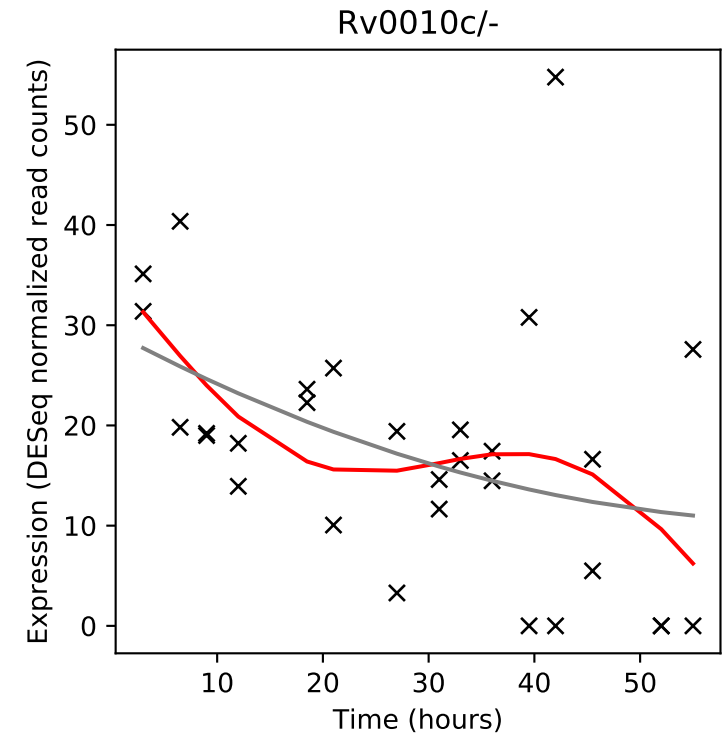

Rv0005/gyrB
Expression (DESeq normalized read counts)
Time (hours)

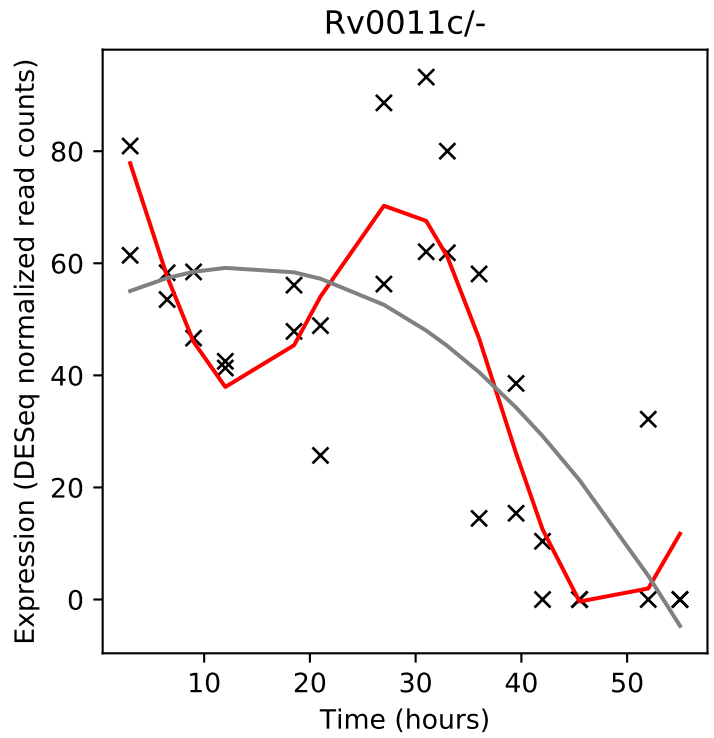

Rv0006/gyrA
Expression (DESeq normalized read counts)
Time (hours)

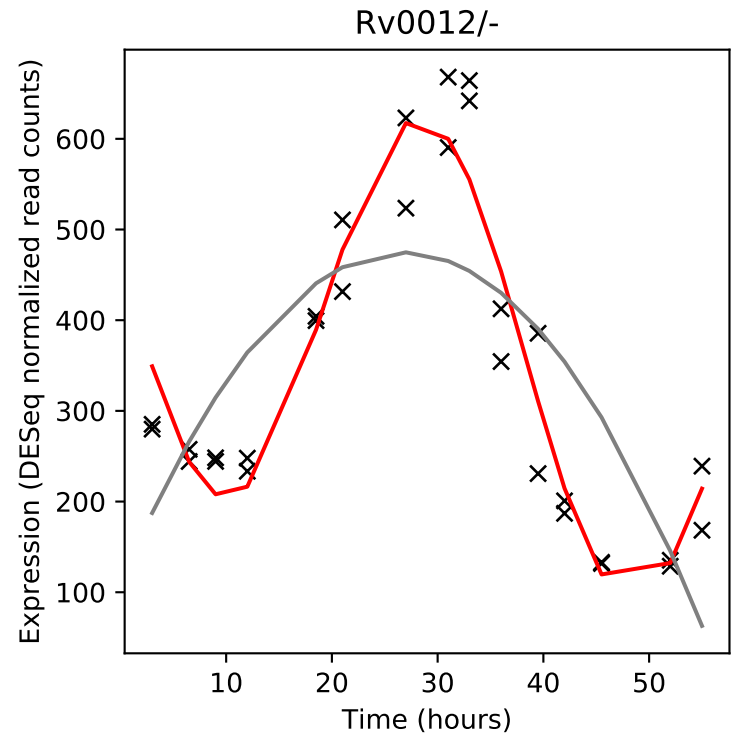

Rv0007/-
Expression (DESeq normalized read counts)
Time (hours)

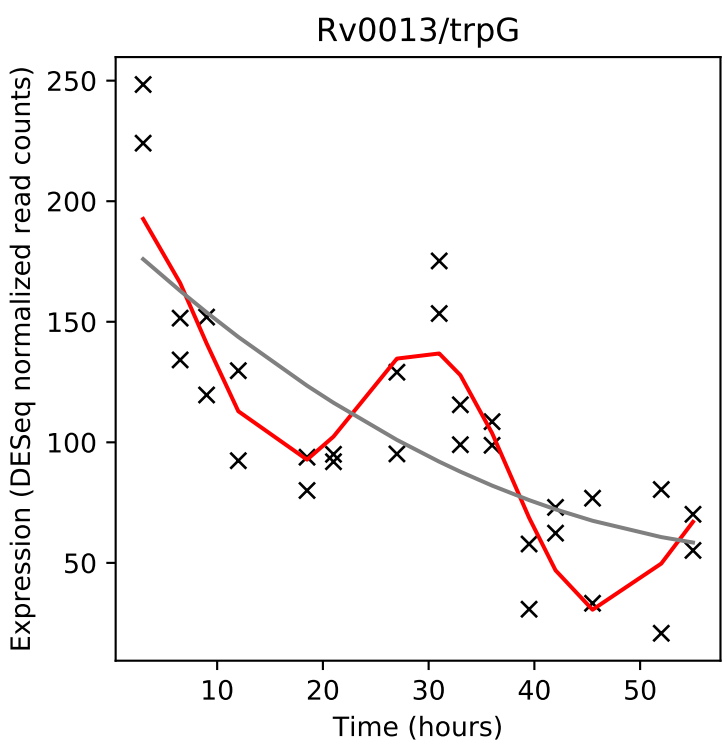

Rv0008c/-
Expression (DESeq normalized read counts)
Time (hours)

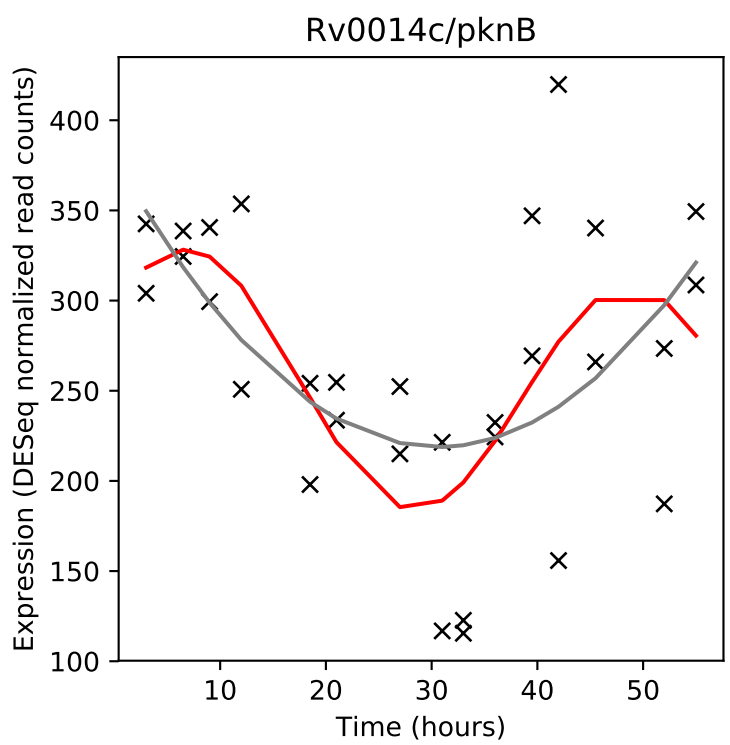

Rv0009/ppiA
Expression (DESeq normalized read counts)
Time (hours)

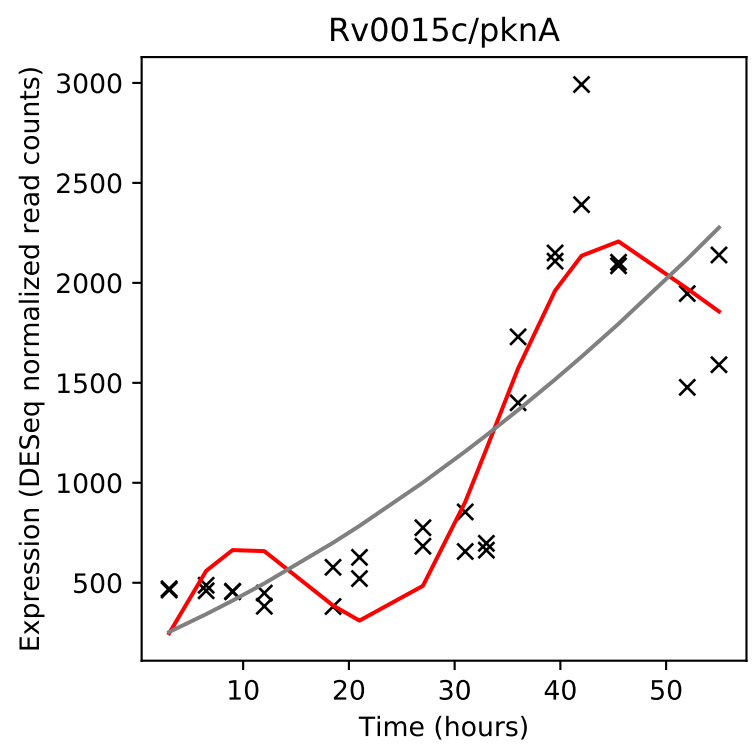

Rv0010c/-
Expression (DESeq normalized read counts)
Time (hours)

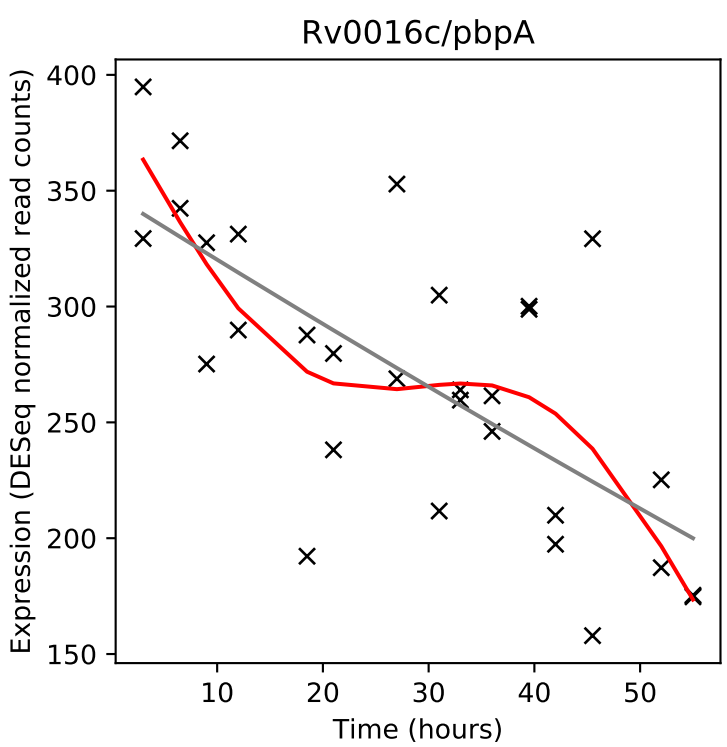

Rv0011c/-
Expression (DESeq normalized read counts)
Time (hours)

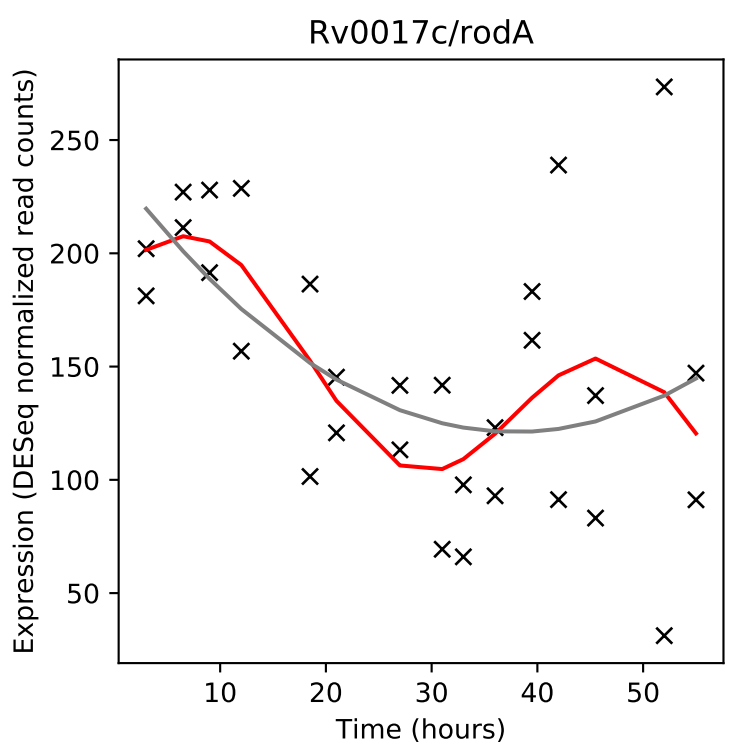

Rv0012/-
Expression (DESeq normalized read counts)
Time (hours)

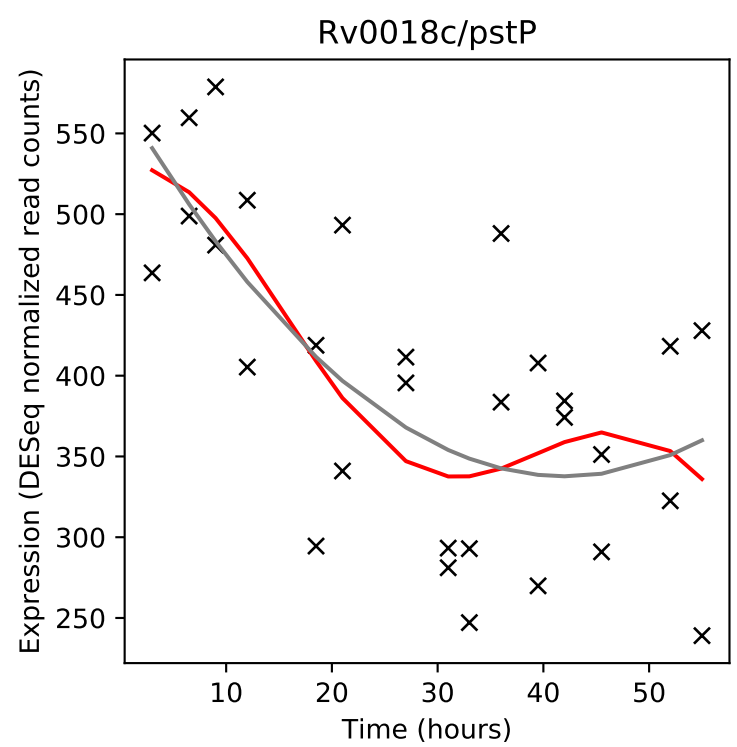

Rv0013/trpG
Expression (DESeq normalized read counts)
Time (hours)

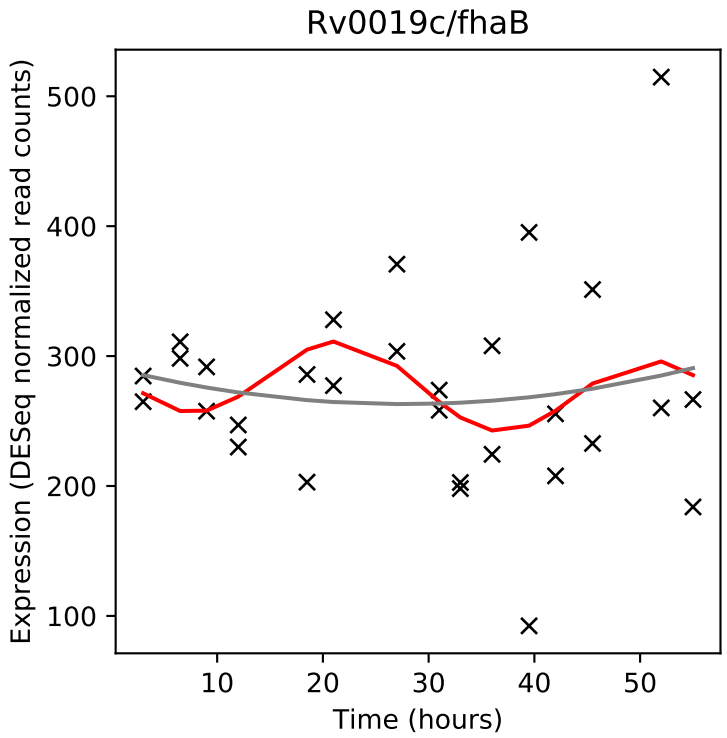

Rv0014c/pknB
Expression (DESeq normalized read counts)
Time (hours)

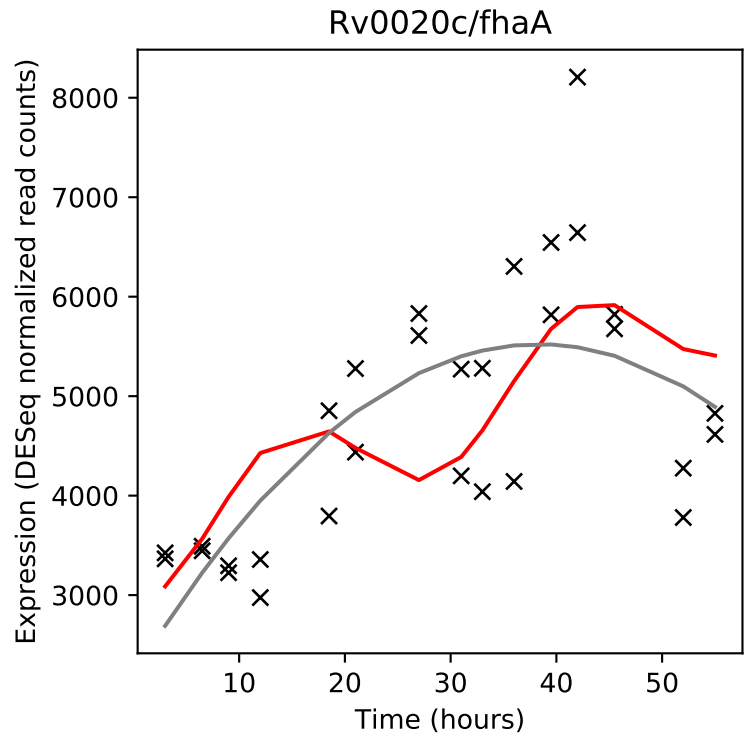

Rv0015c/pknA
Expression (DESeq normalized read counts)
Time (hours)

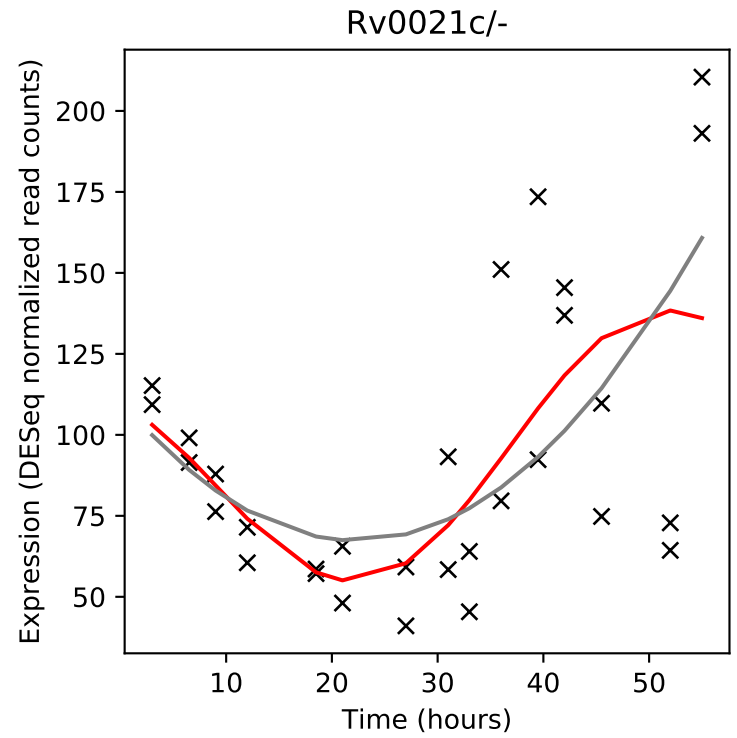

Rv0016c/pbpA
Expression (DESeq normalized read counts)
Time (hours)

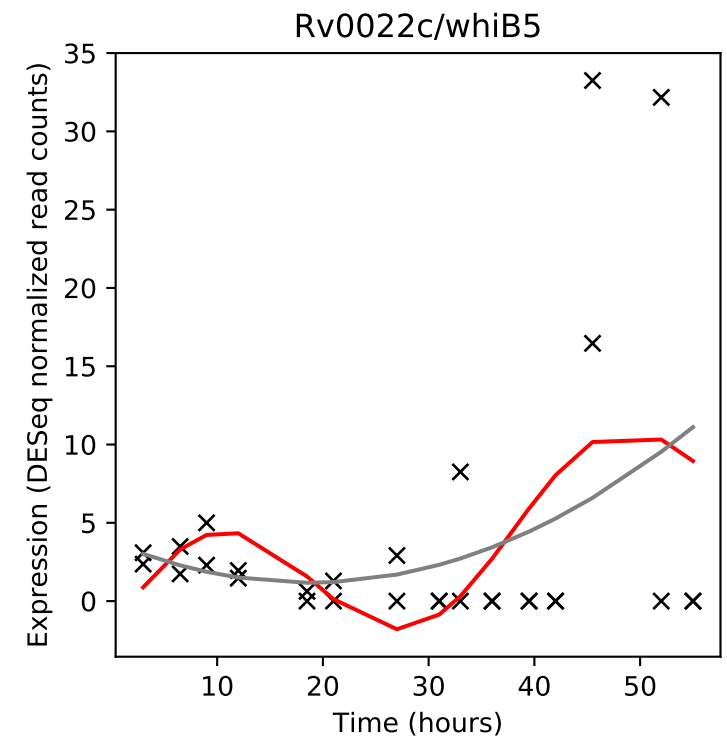

Rv0017c/rodA
Expression (DESeq normalized read counts)
Time (hours)

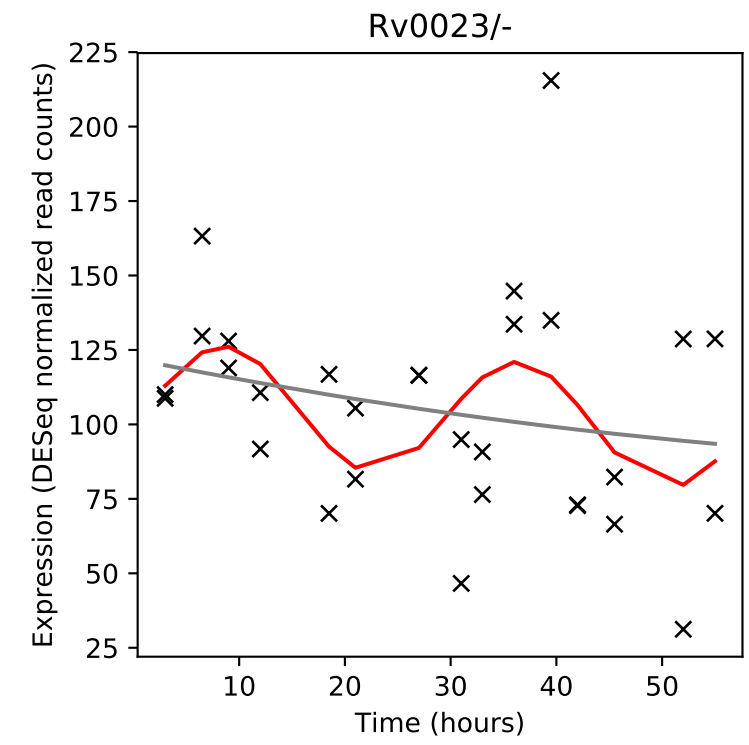

Rv0018c/pstP
Expression (DESeq normalized read counts)
Time (hours)

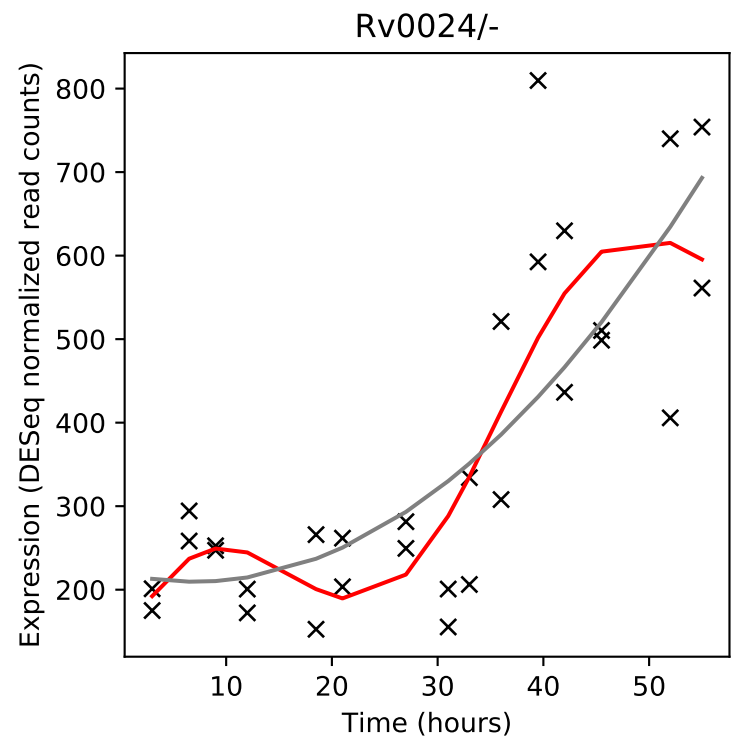

Rv0019c/fhaB
Expression (DESeq normalized read counts)
Time (hours)

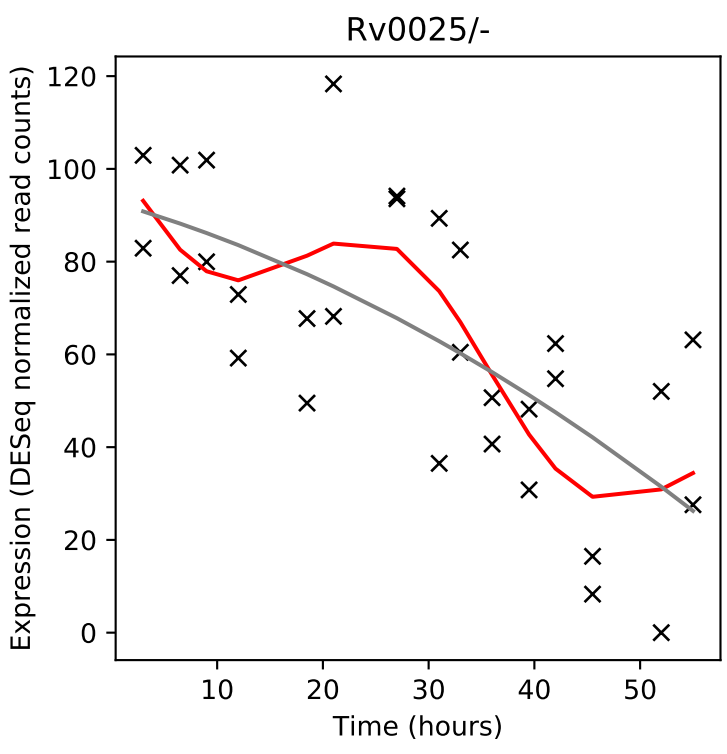

Rv0020c/fhaA
Expression (DESeq normalized read counts)
Time (hours)

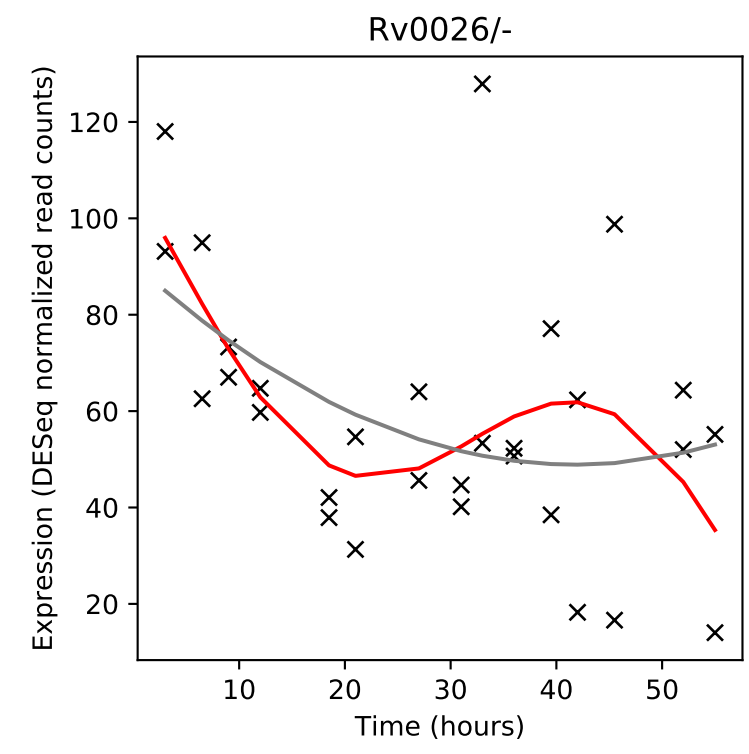

Rv0021c/-
Expression (DESeq normalized read counts)
Time (hours)

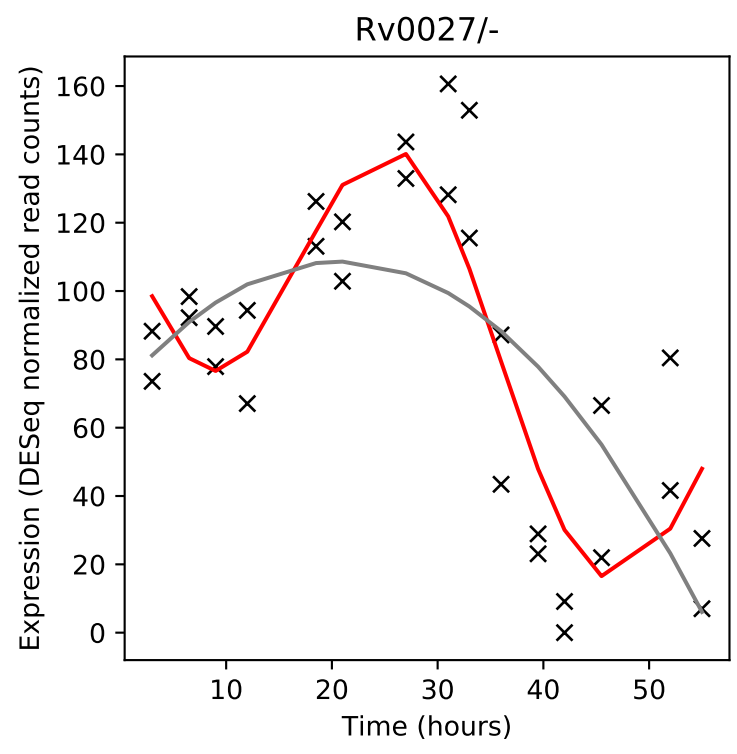

Rv0022c/whiB5
Expression (DESeq normalized read counts)
Time (hours)

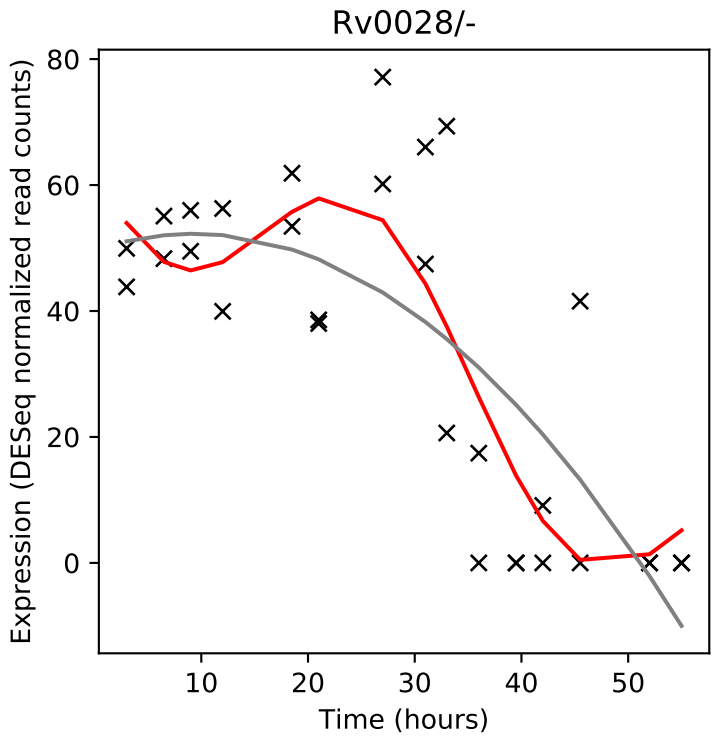

Rv0023/-
Expression (DESeq normalized read counts)
Time (hours)

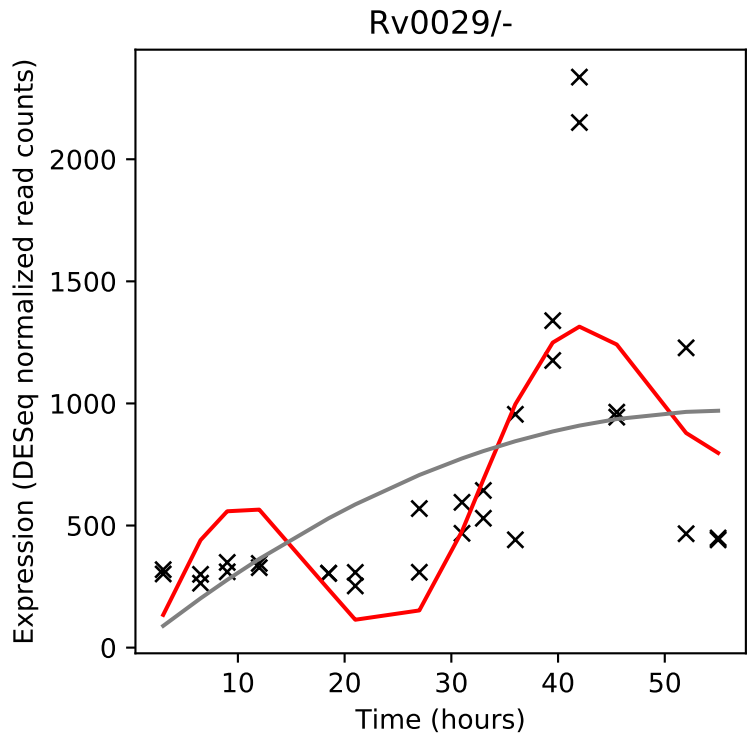

Rv0024/-
Expression (DESeq normalized read counts)
Time (hours)

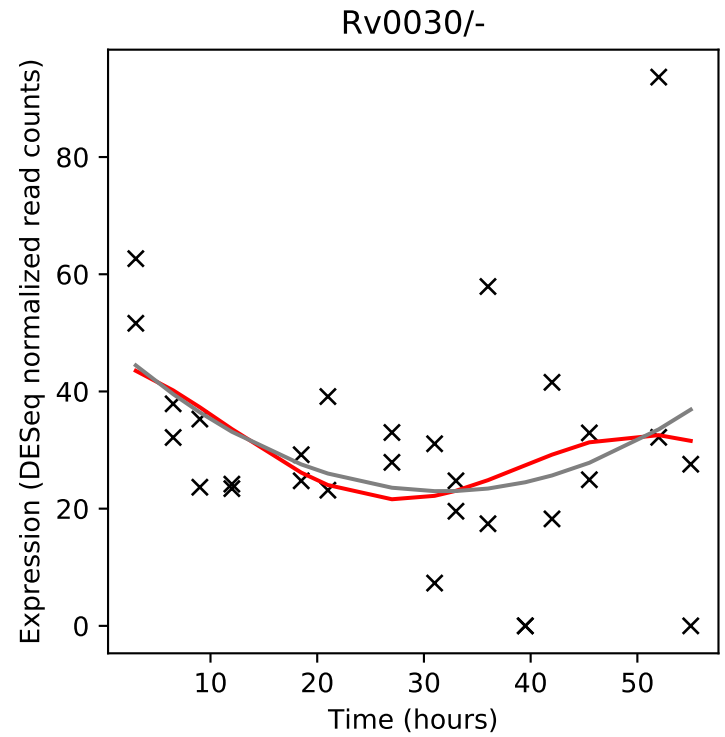

Rv0025/-
Expression (DESeq normalized read counts)
Time (hours)

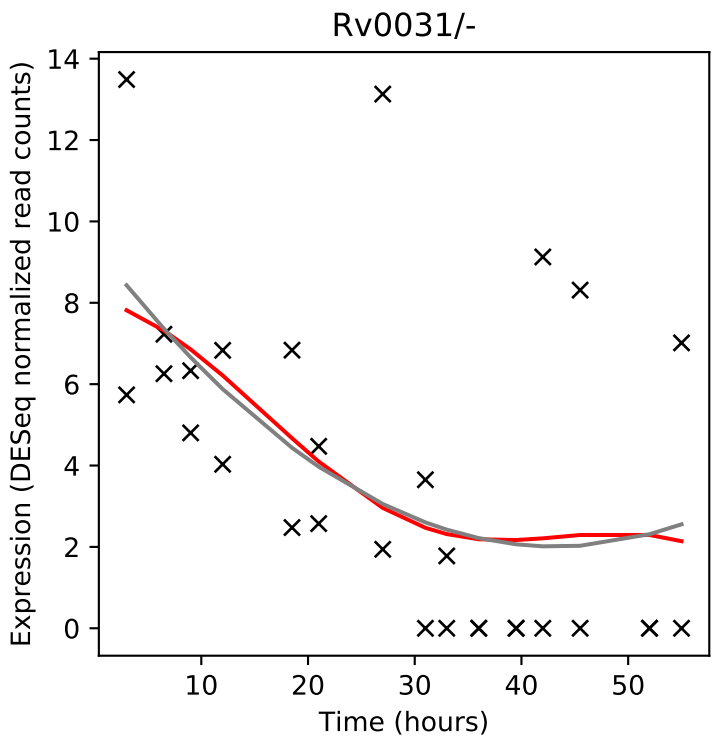

Rv0026/-
Expression (DESeq normalized read counts)
Time (hours)

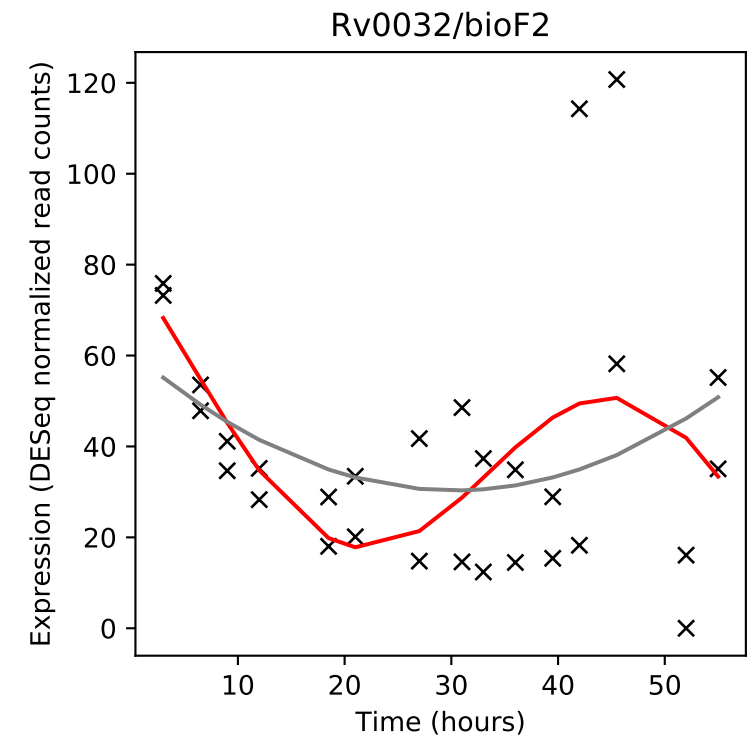

Rv0027/-
Expression (DESeq normalized read counts)
Time (hours)

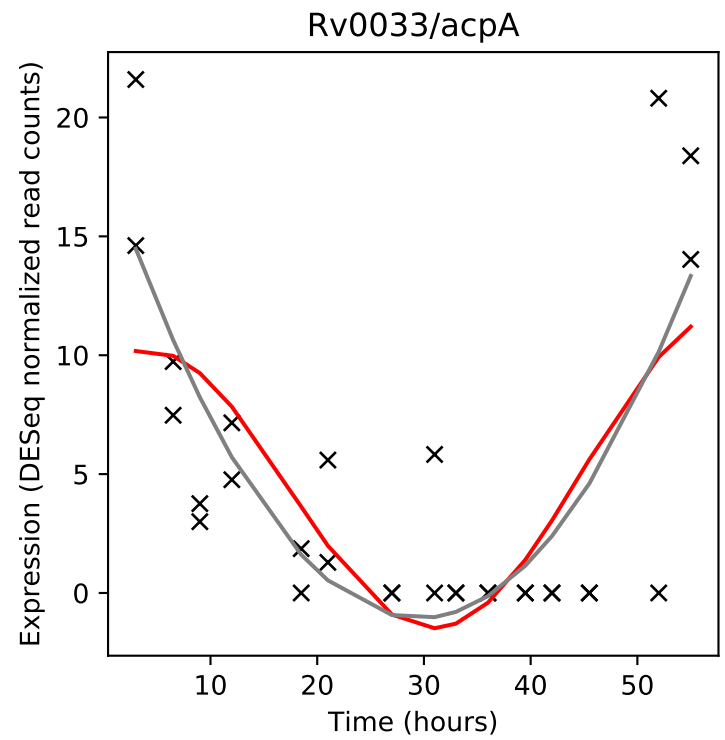

Rv0028/-
Expression (DESeq normalized read counts)
Time (hours)

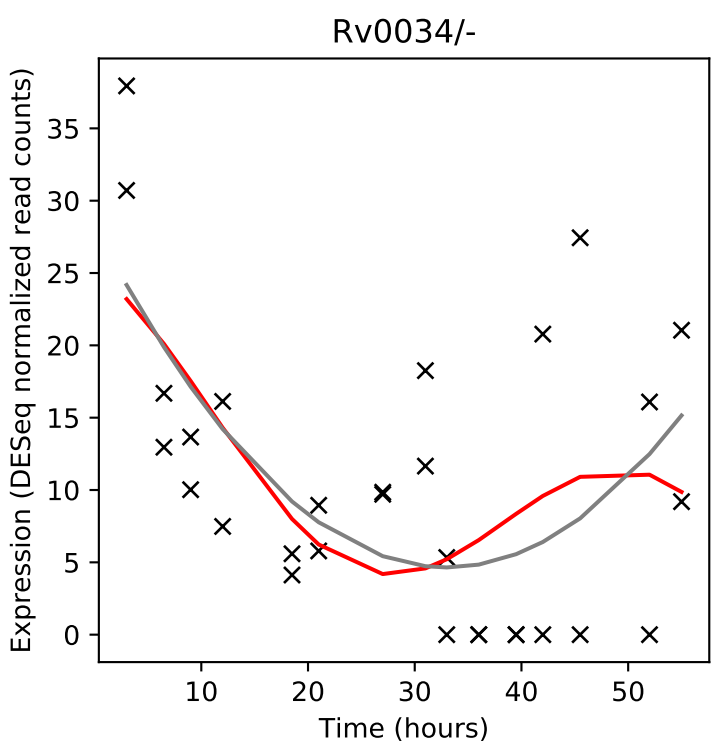

Rv0029/-
Expression (DESeq normalized read counts)
Time (hours)

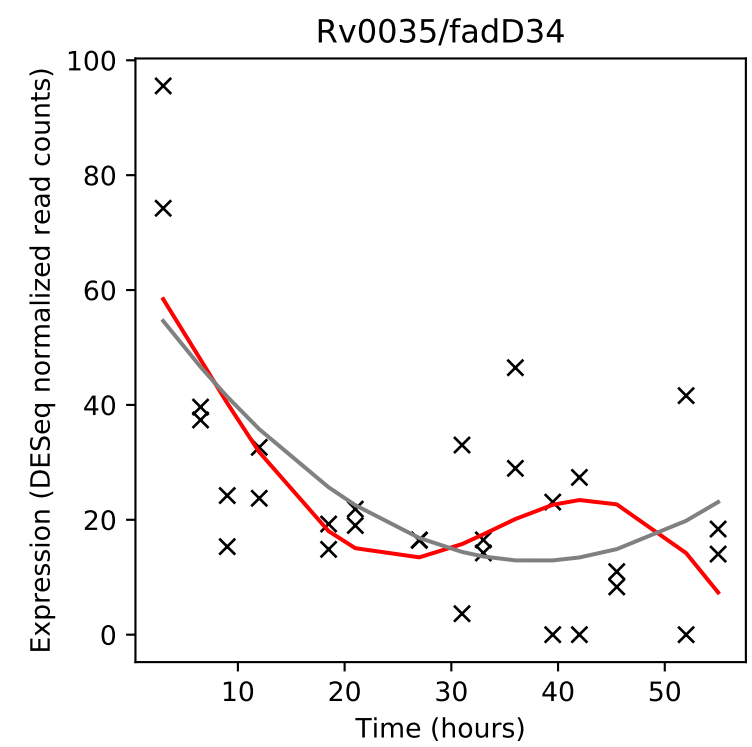

Rv0030/-
Expression (DESeq normalized read counts)
Time (hours)

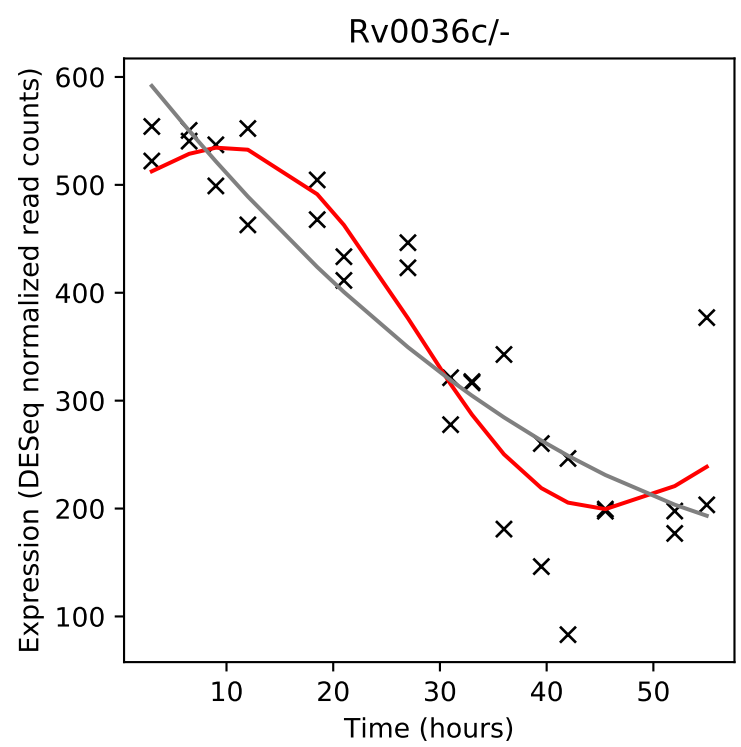

Rv0031/-
Expression (DESeq normalized read counts)
Time (hours)

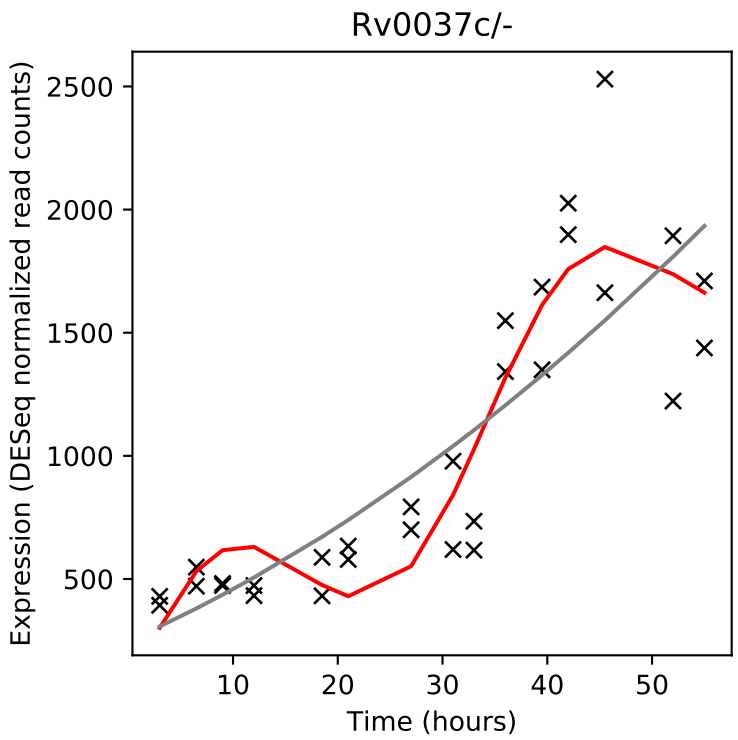

Rv0032/bioF2
Expression (DESeq normalized read counts)
Time (hours)

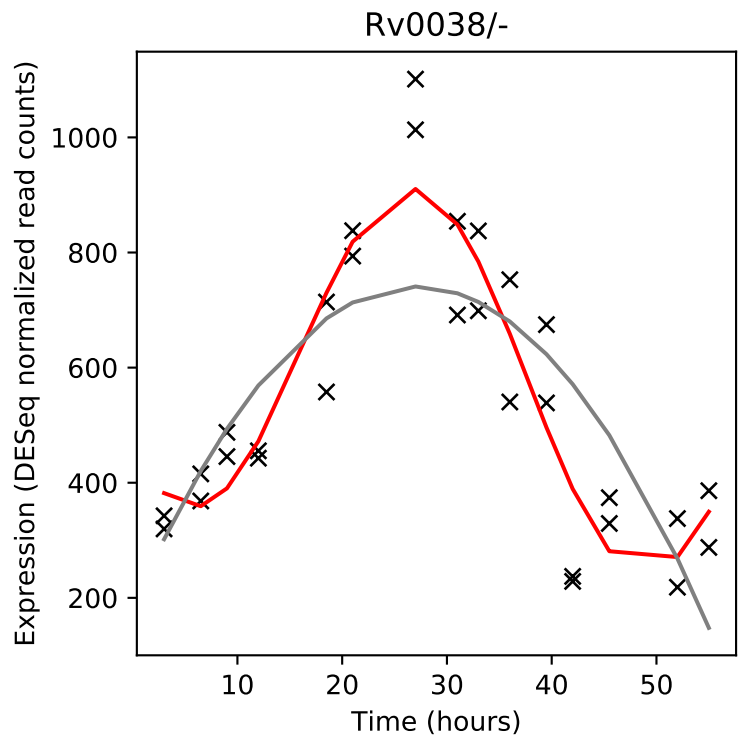

Rv0033/acpA
Expression (DESeq normalized read counts)
Time (hours)

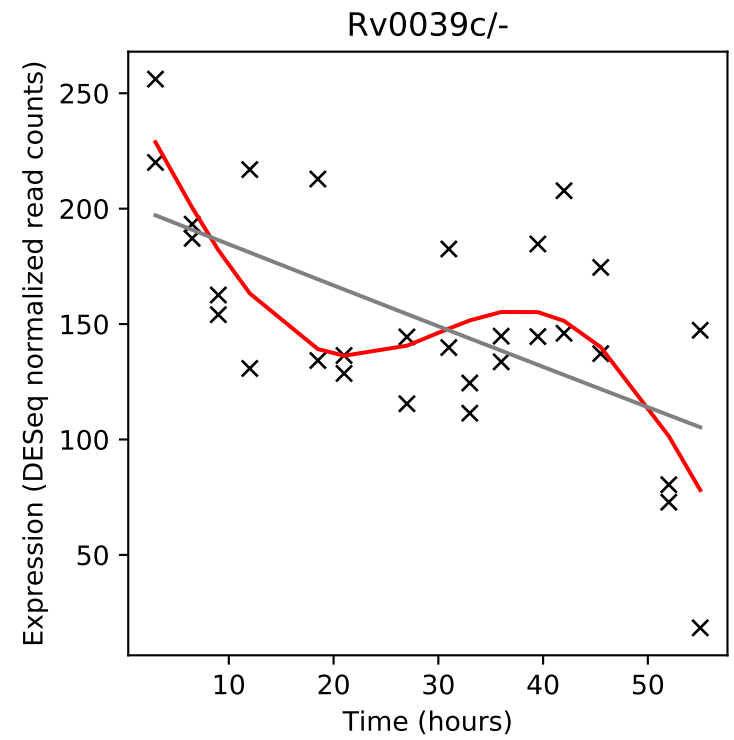

Rv0034/-
Expression (DESeq normalized read counts)
Time (hours)

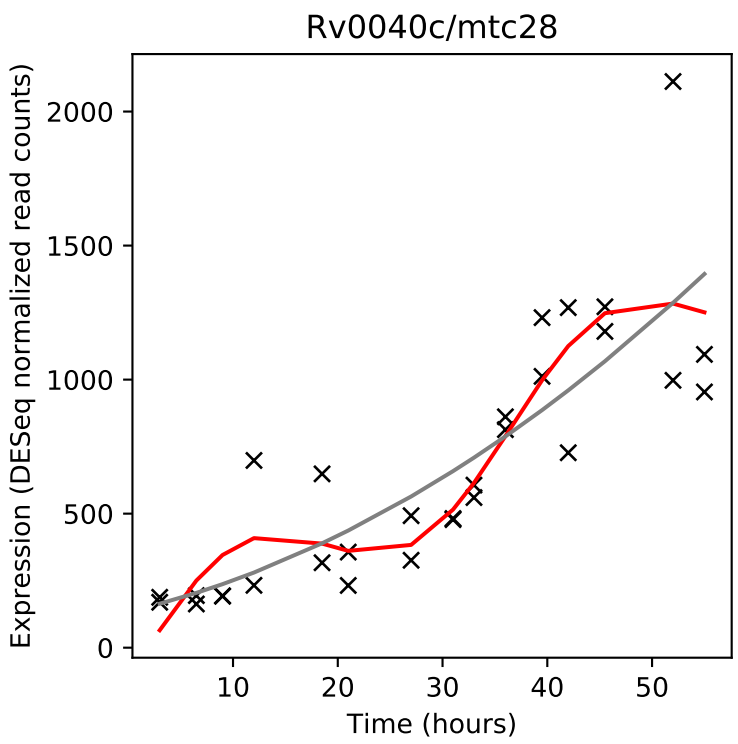

Rv0035/fadD34
Expression (DESeq normalized read counts)
Time (hours)

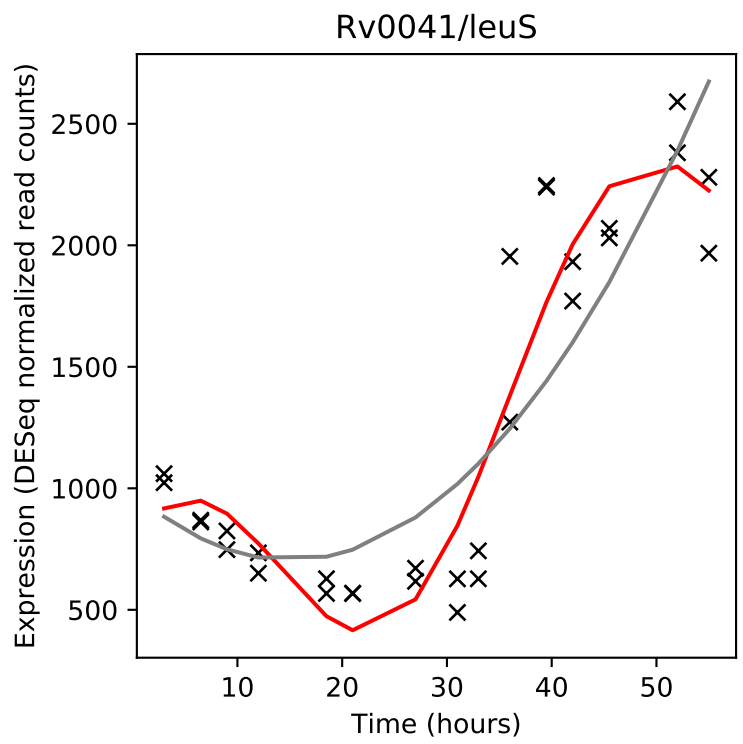

Rv0036c/-
Expression (DESeq normalized read counts)
Time (hours)

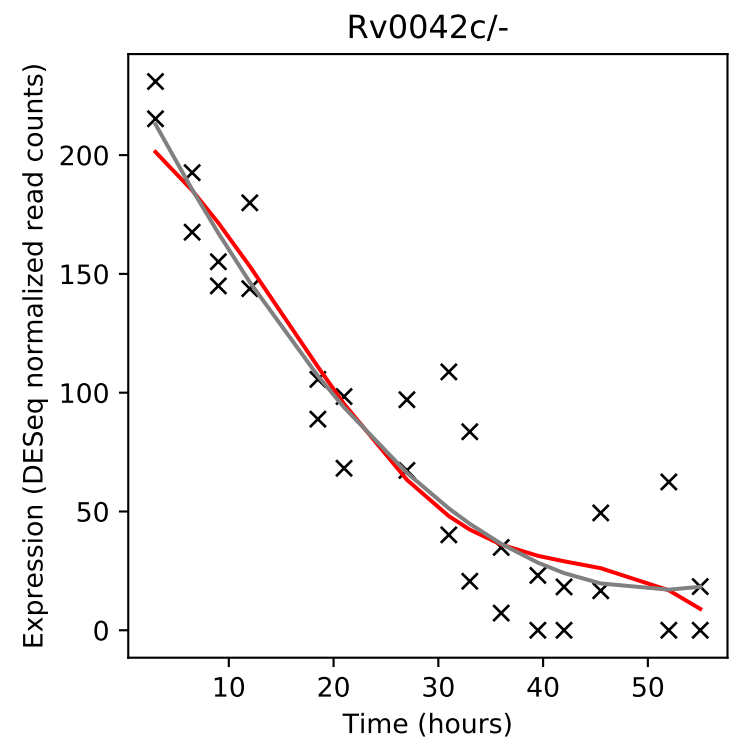

Rv0037c/-
Expression (DESeq normalized read counts)
Time (hours)

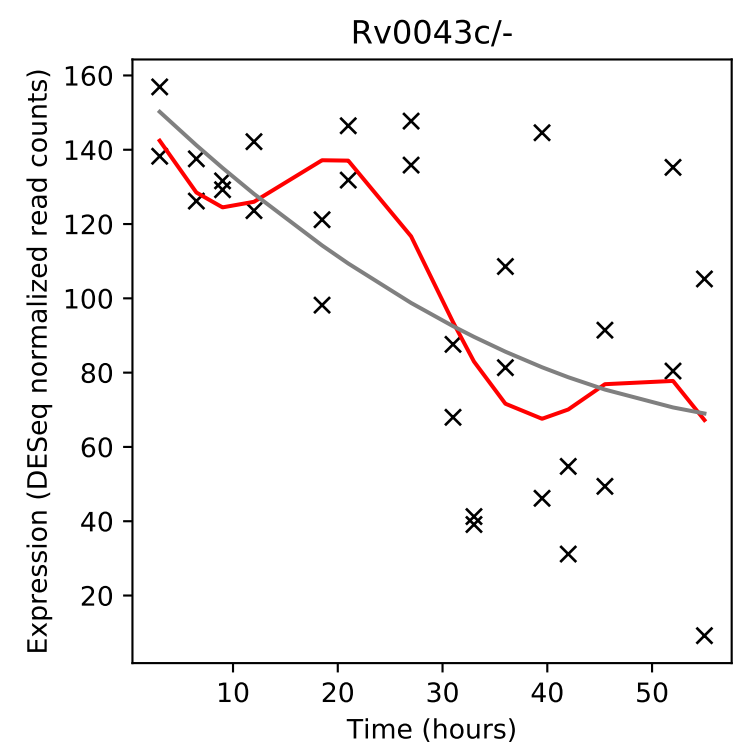

Rv0038/-
Expression (DESeq normalized read counts)
Time (hours)

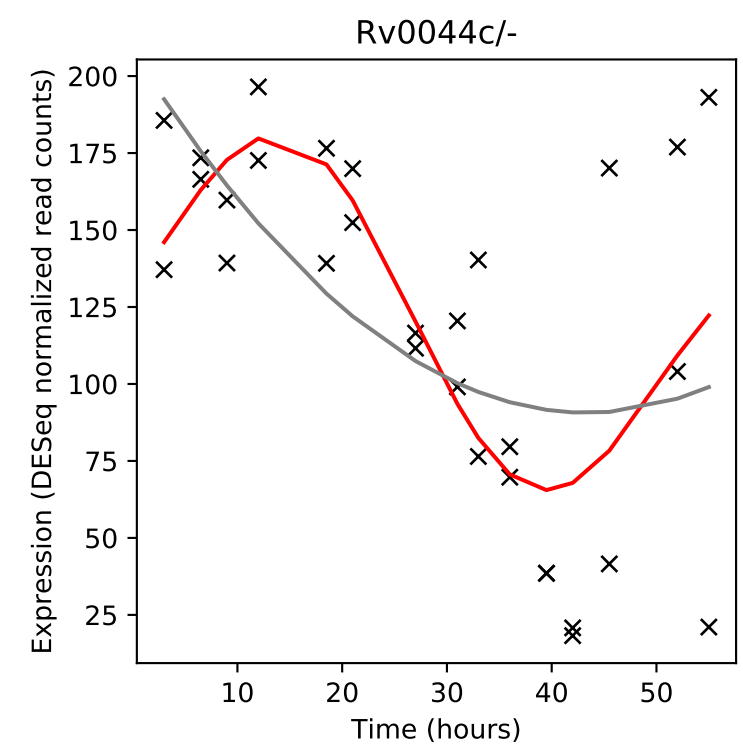

Rv0039c/-
Expression (DESeq normalized read counts)
Time (hours)

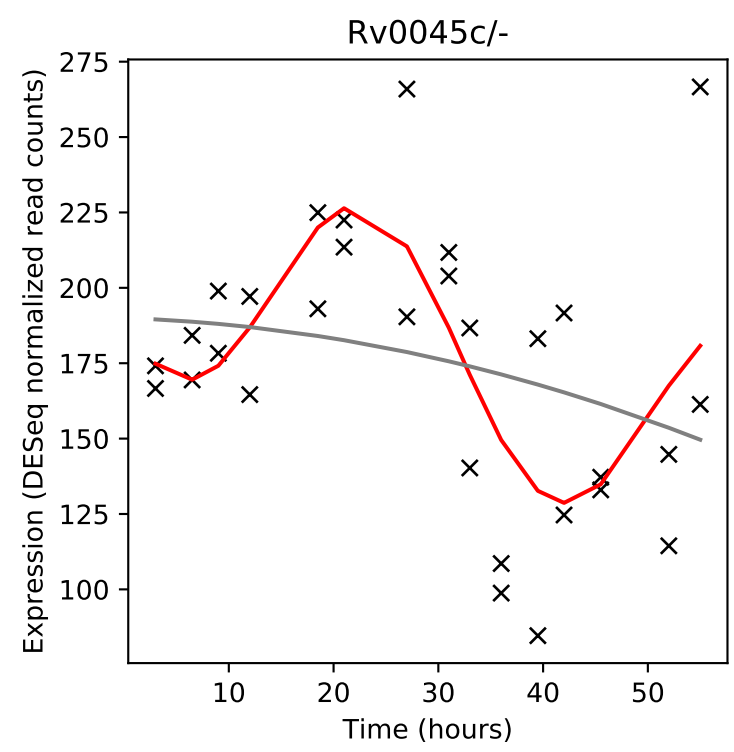

Rv0040c/mtc28
Expression (DESeq normalized read counts)
Time (hours)

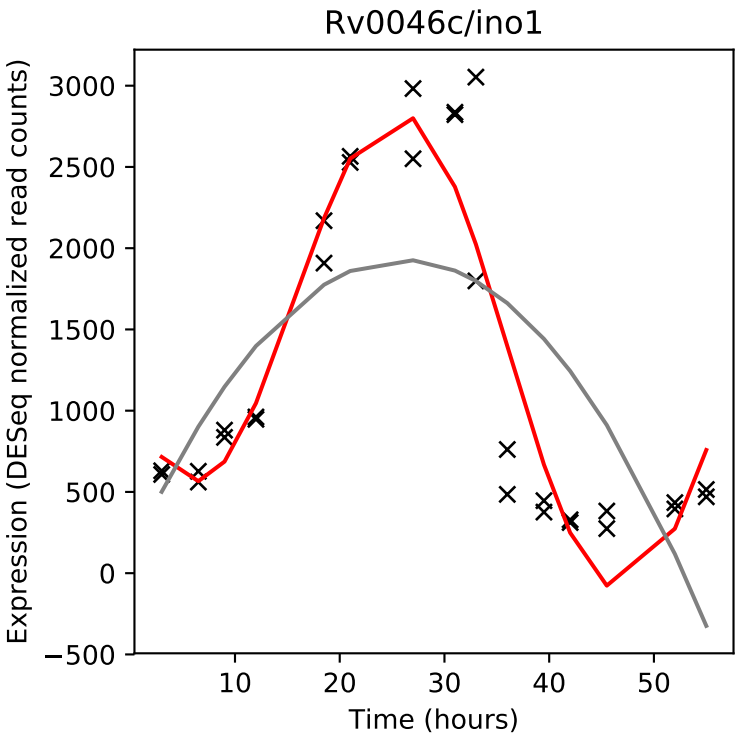

Rv0041/leuS
Expression (DESeq normalized read counts)
Time (hours)

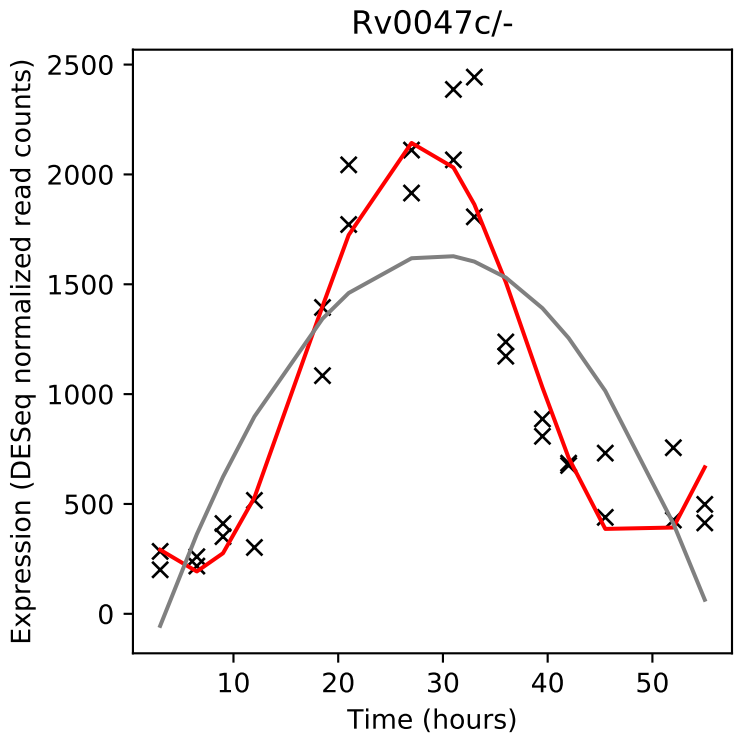

Rv0042c/-
Expression (DESeq normalized read counts)
Time (hours)

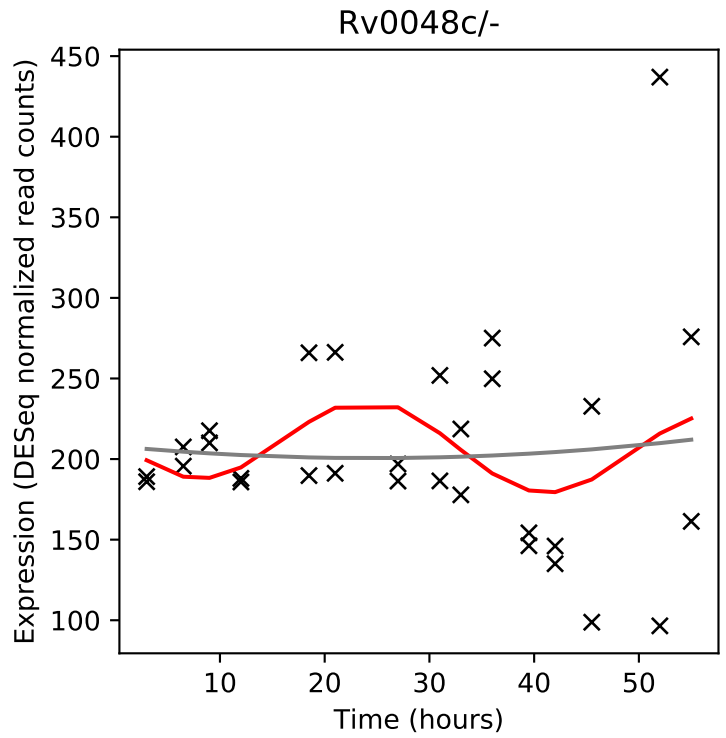

Rv0043c/-
Expression (DESeq normalized read counts)
Time (hours)

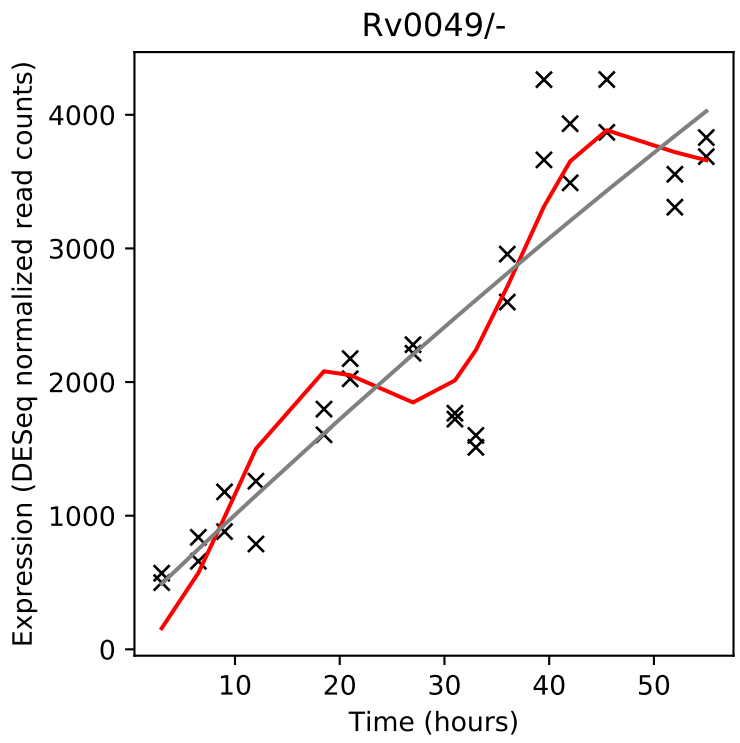

Rv0044c/-
Expression (DESeq normalized read counts)
Time (hours)

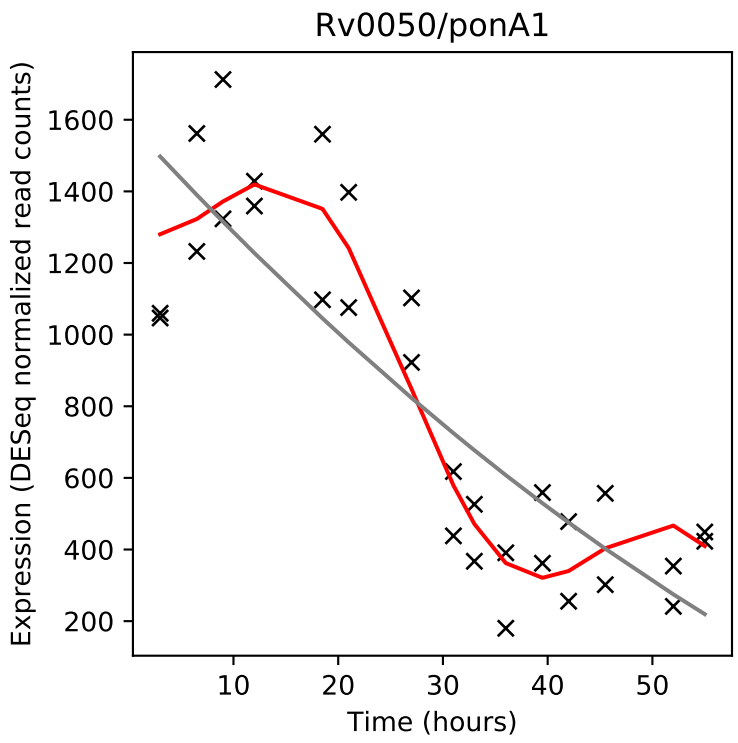

Rv0045c/-
Expression (DESeq normalized read counts)
Time (hours)

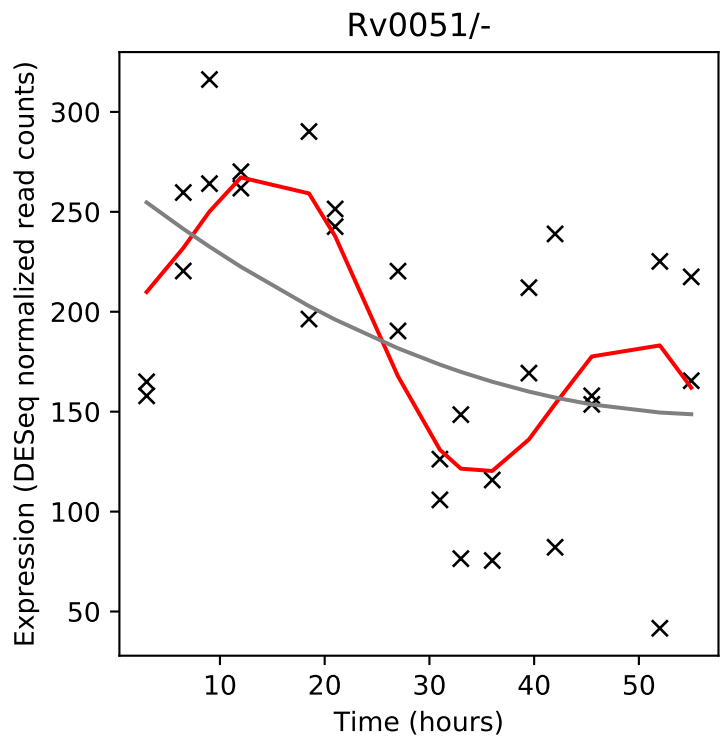

Rv0046c/ino1
Expression (DESeq normalized read counts)
Time (hours)

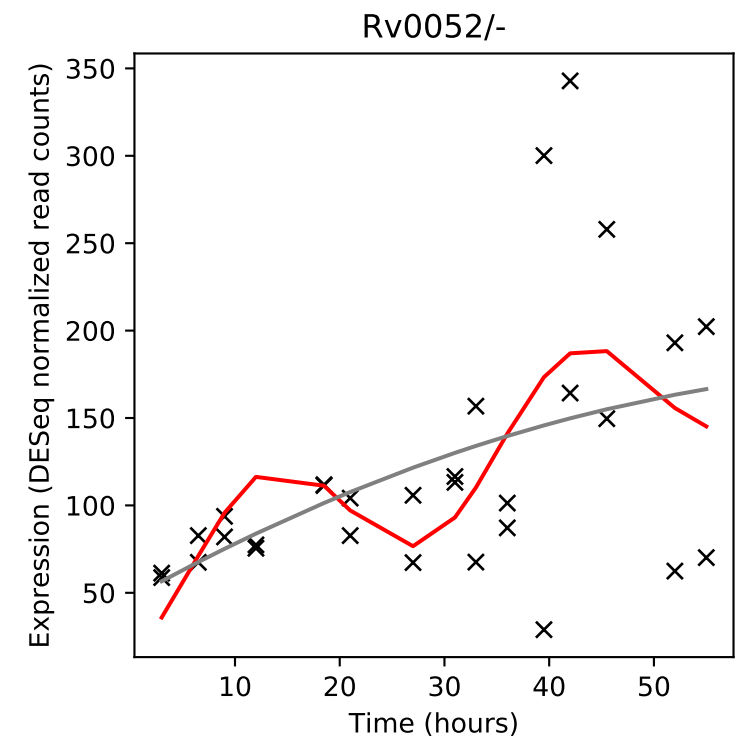

Rv0047c/-
Expression (DESeq normalized read counts)
Time (hours)

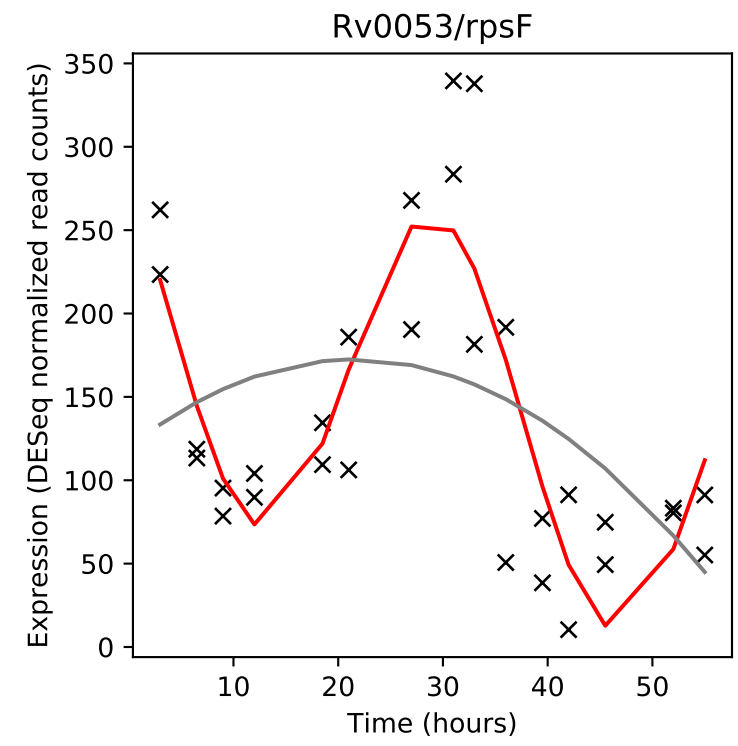

Rv0048c/-
Expression (DESeq normalized read counts)
Time (hours)

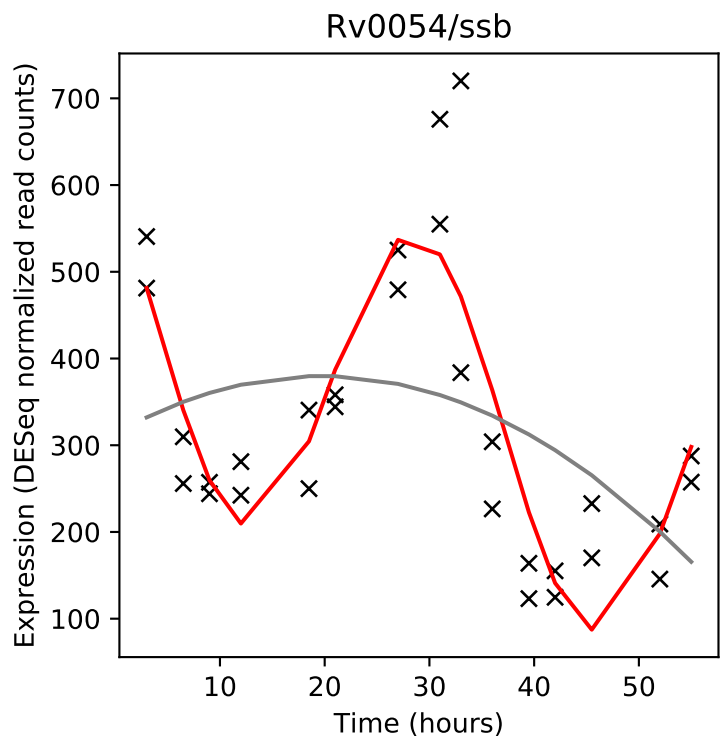

Rv0049/-
Expression (DESeq normalized read counts)
Time (hours)

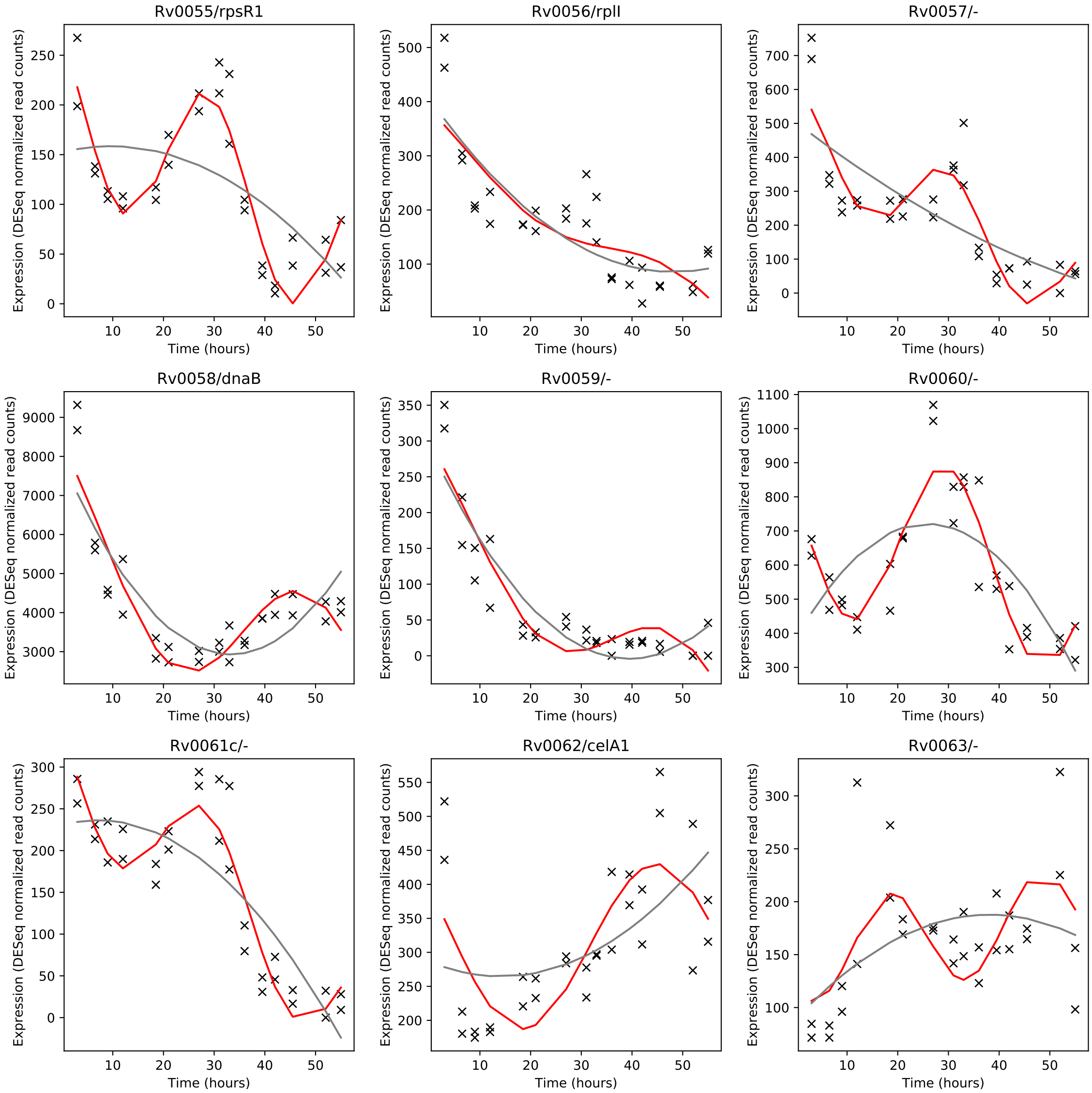

Rv0050/ponA1
Expression (DESeq normalized read counts)
Time (hours)

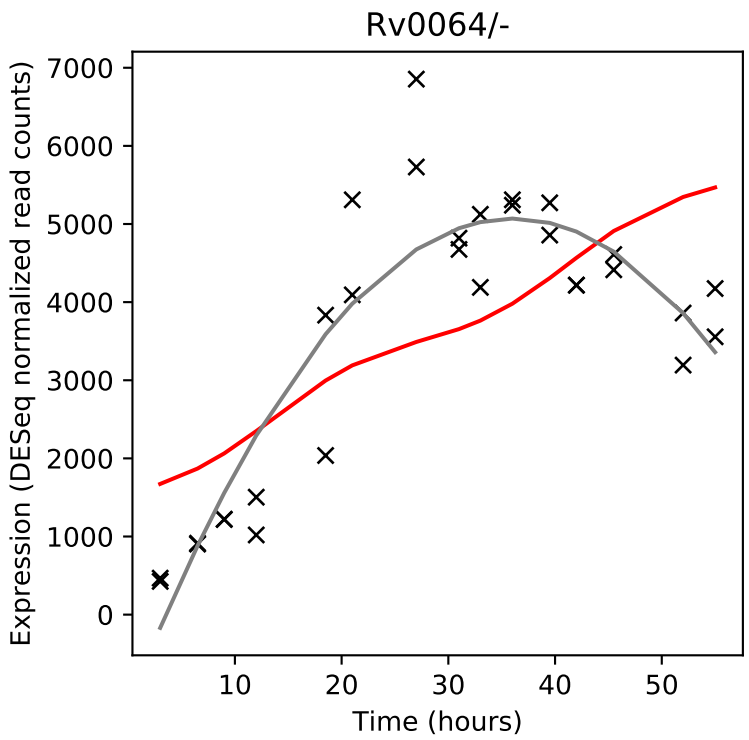

Rv0051/-
Expression (DESeq normalized read counts)
Time (hours)

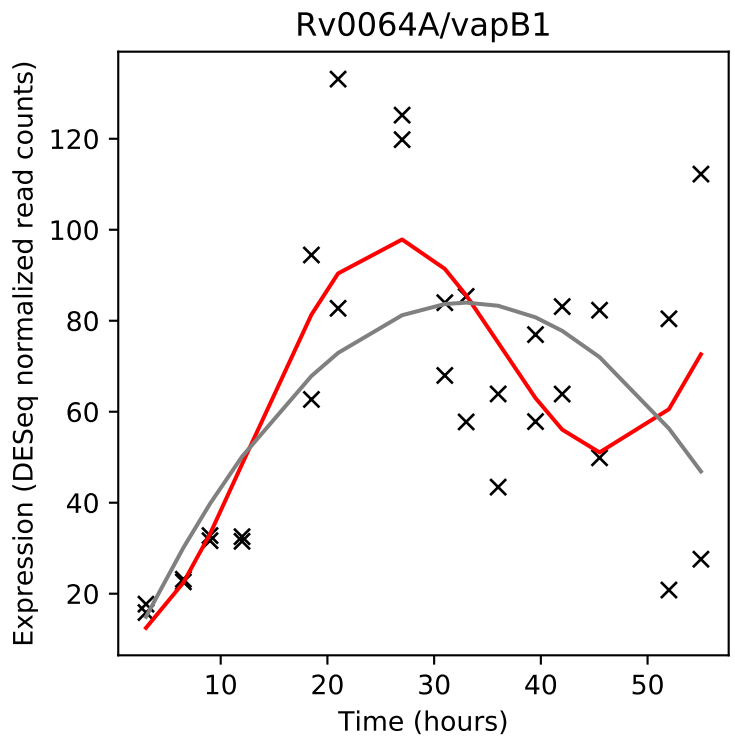

Rv0052/-
Expression (DESeq normalized read counts)
Time (hours)

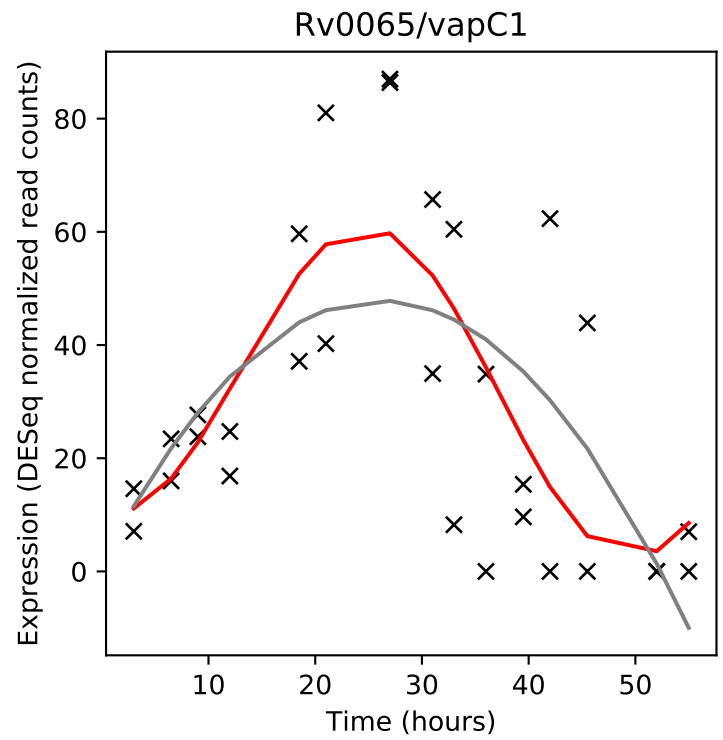

Rv0053/rpsF
Expression (DESeq normalized read counts)
Time (hours)

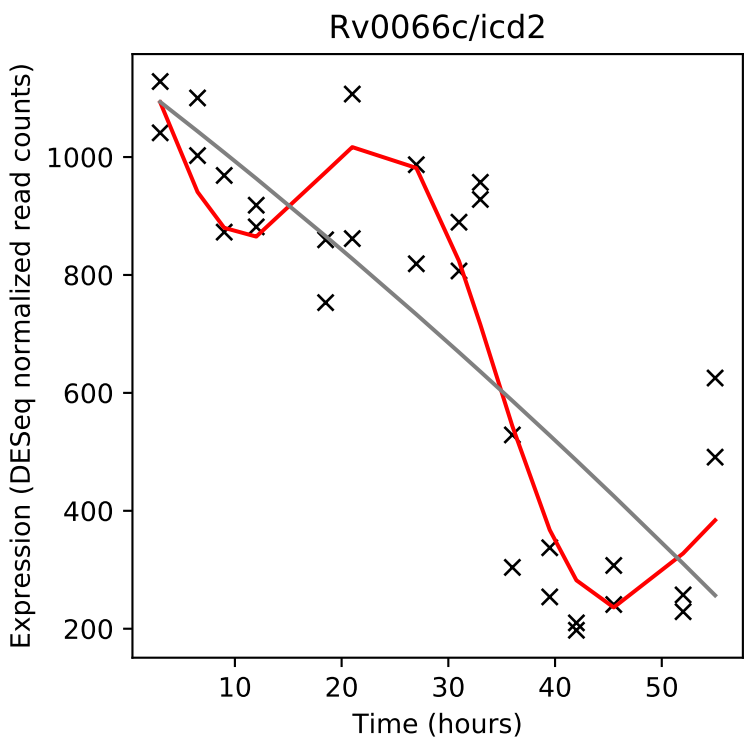

Rv0054/ssb
Expression (DESeq normalized read counts)
Time (hours)

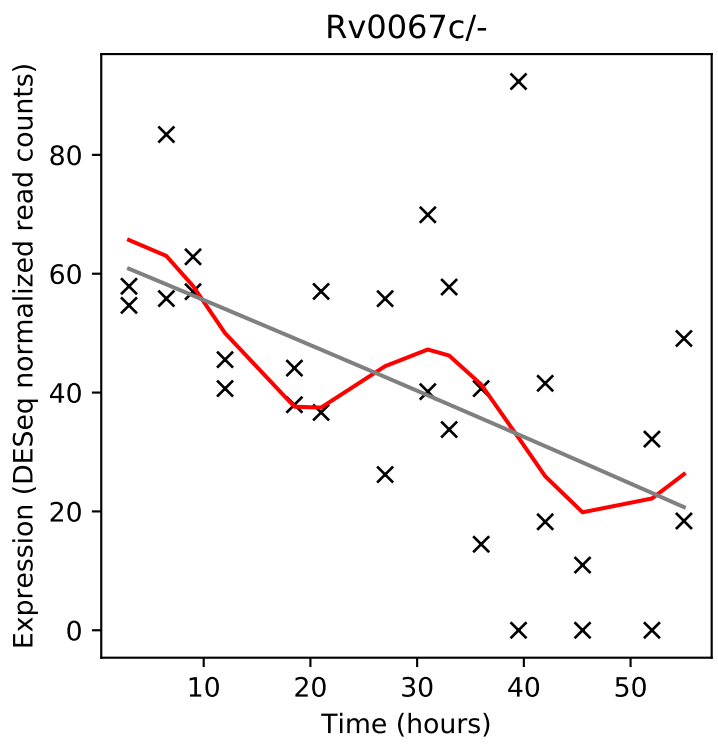

Rv0055/rpsR1
Rv0056/rplI
Rv0057/-
Rv0058/dnaB
Rv0059/-
Rv0060/-
Rv0061c/-
Rv0062/celA1
Rv0063/-
Expression (DESeq normalized read counts)
Time (hours)

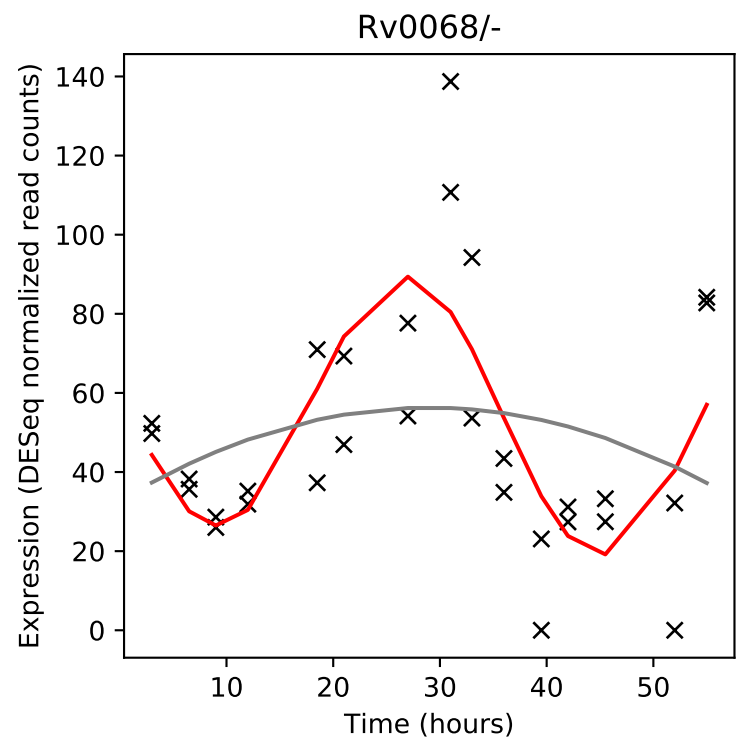

Rv0064/-
Expression (DESeq normalized read counts)
Time (hours)

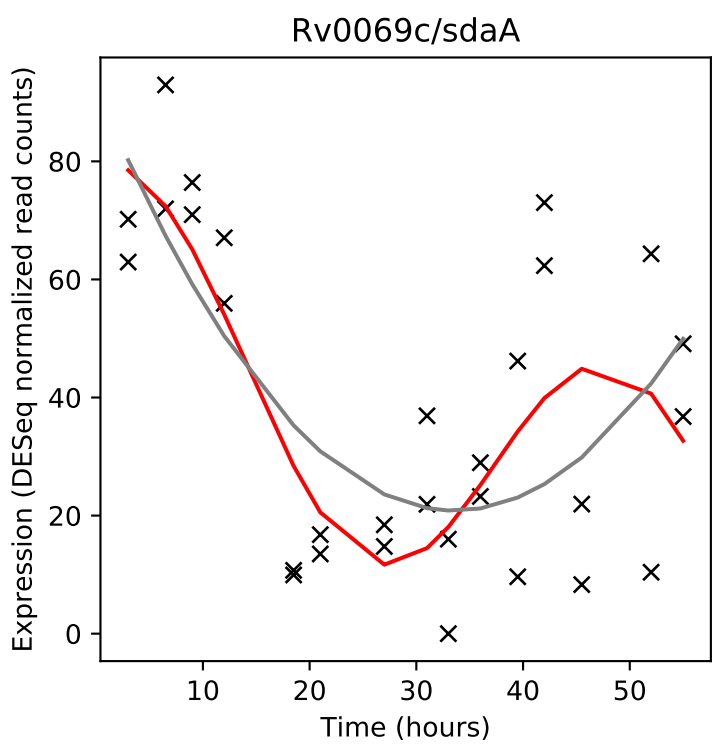

Rv0064A/vapB1
Expression (DESeq normalized read counts)
Time (hours)

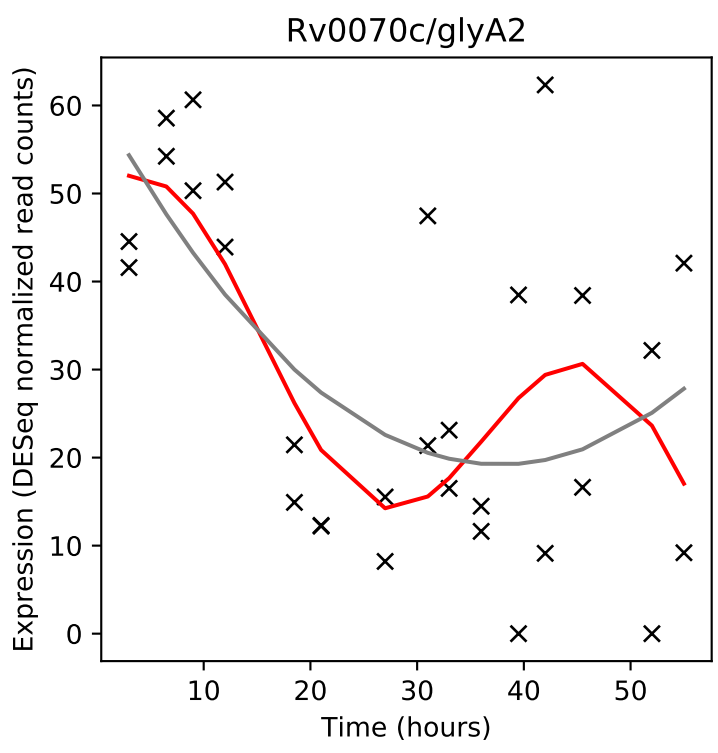

Rv0065/vapC1
Expression (DESeq normalized read counts)
Time (hours)

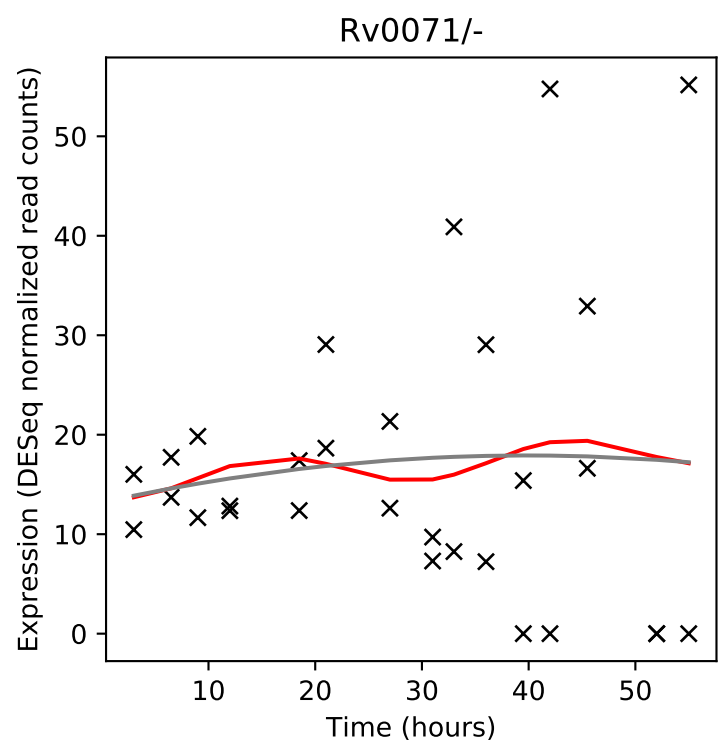

Rv0066c/icd2
Expression (DESeq normalized read counts)
Time (hours)

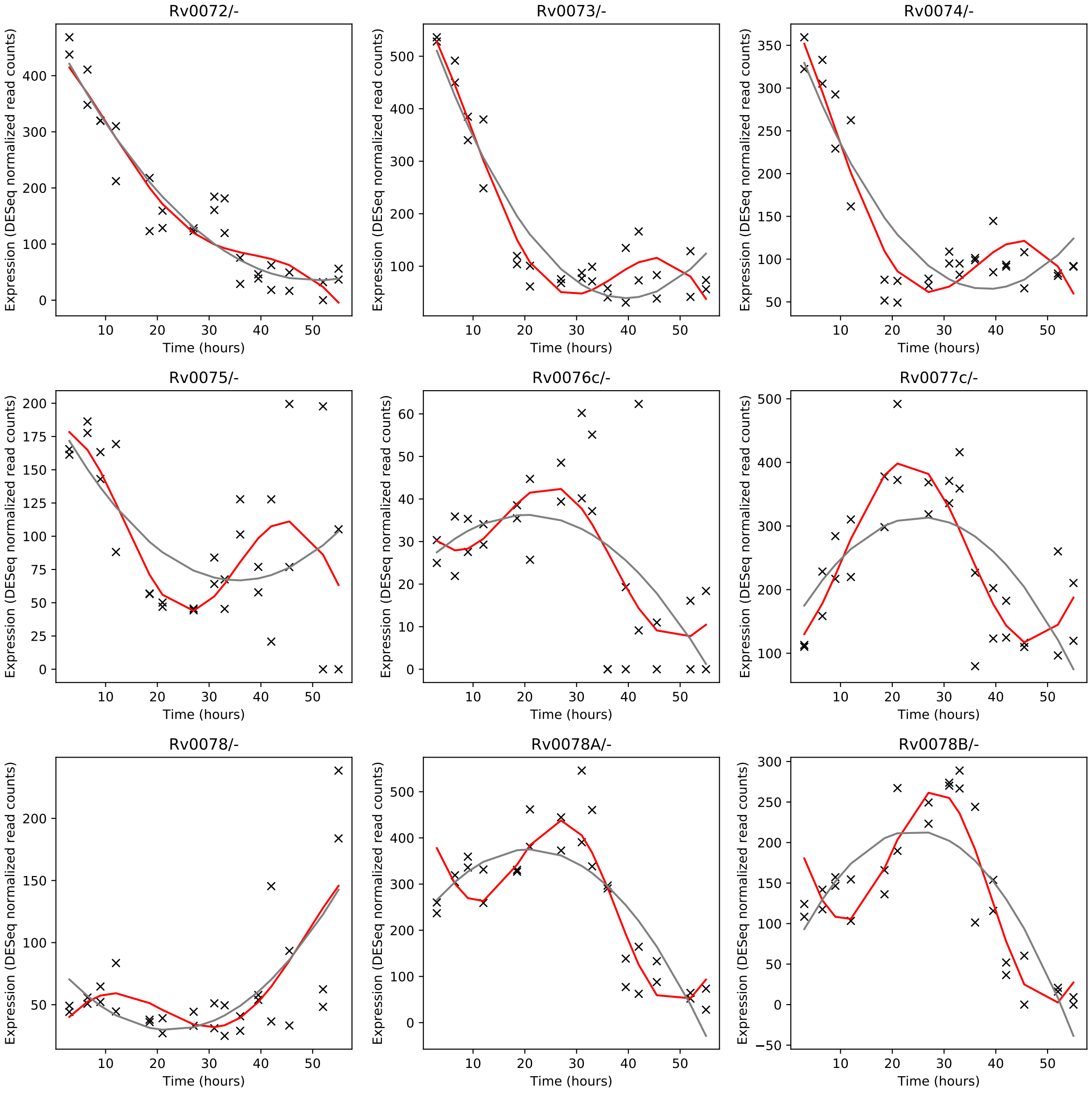

Rv0067c/-
Expression (DESeq normalized read counts)
Time (hours)

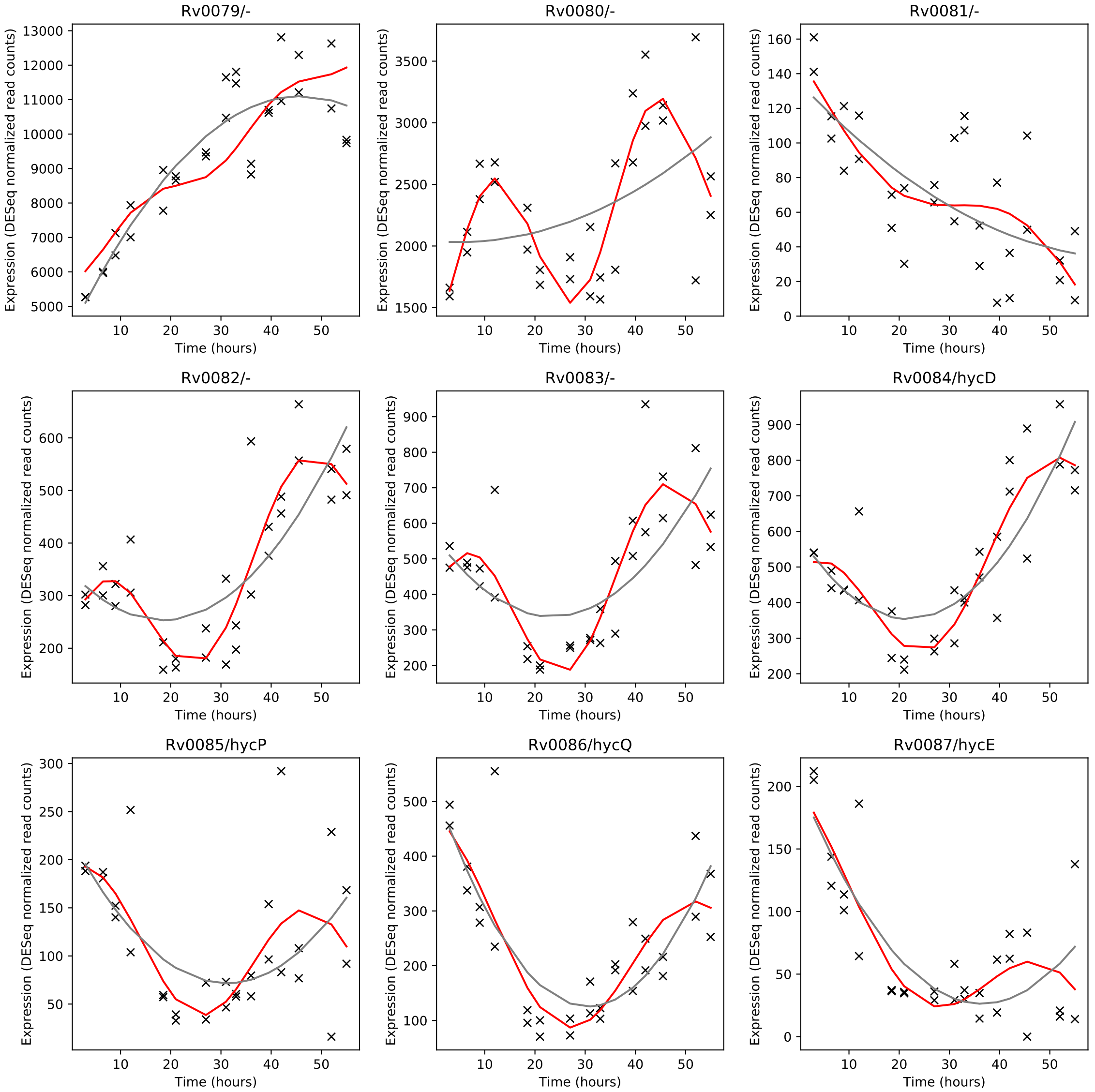

Rv0068/-
Expression (DESeq normalized read counts)
Time (hours)

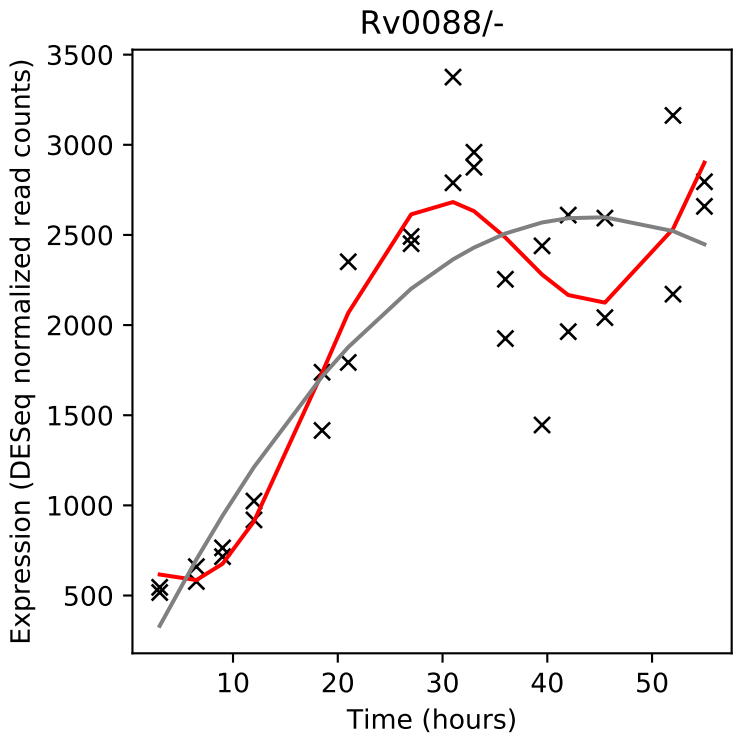

Rv0069c/sdaA
Expression (DESeq normalized read counts)
Time (hours)

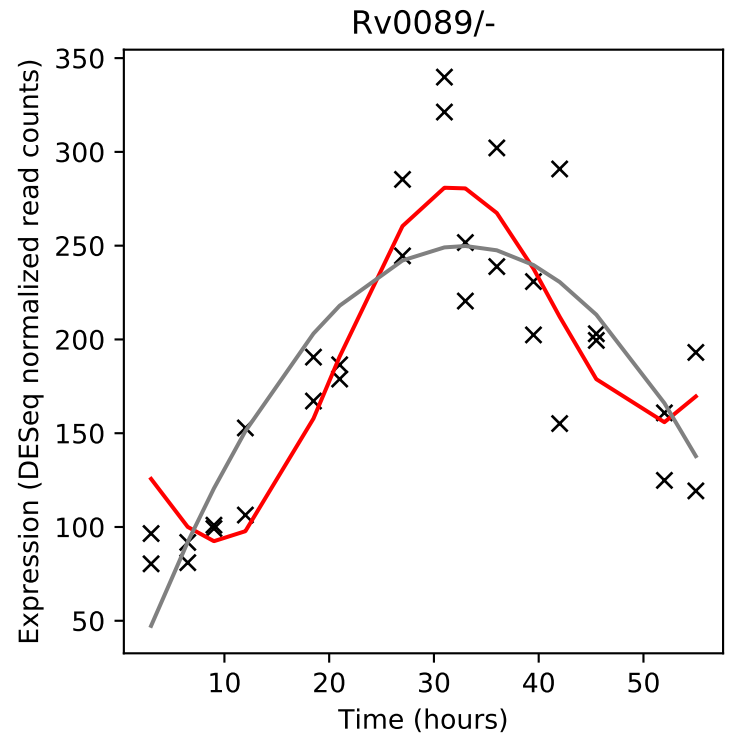

Rv0070c/glyA2
Expression (DESeq normalized read counts)
Time (hours)

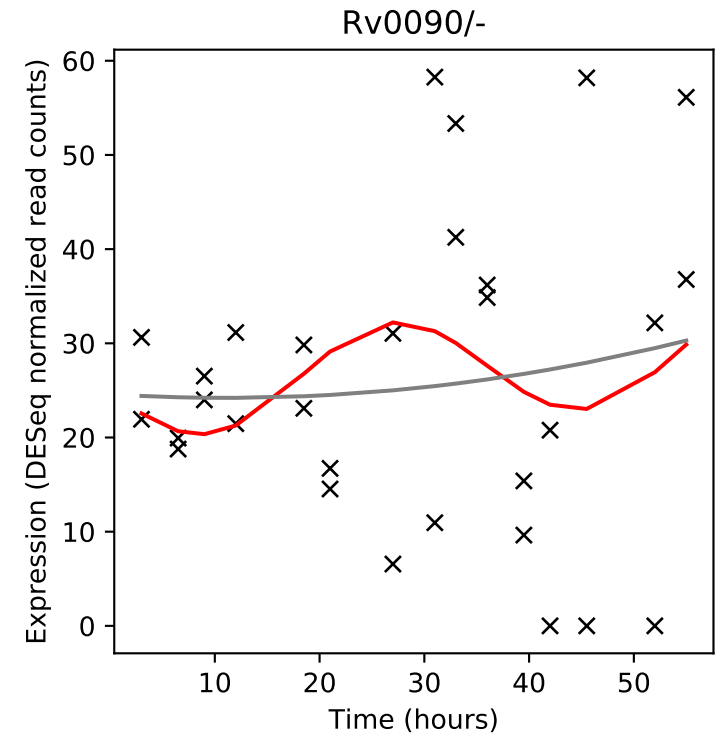

Rv0071/-
Expression (DESeq normalized read counts)
Time (hours)

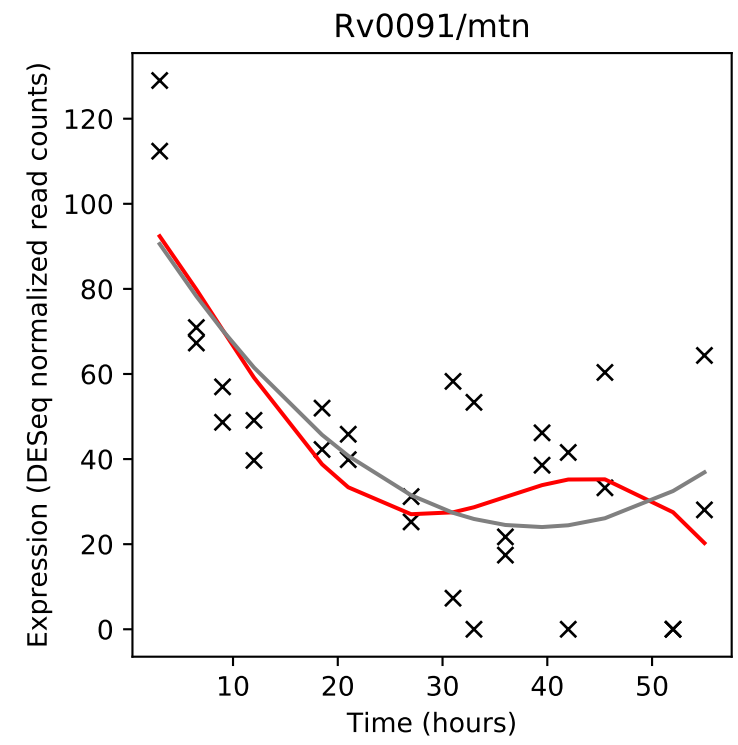

Rv0072/-
Rv0073/-
Rv0074/-
Rv0075/-
Rv0076c/-
Rv0077c/-
Rv0078/-
Rv0078A/-
Rv0078B/-
Expression (DESeq normalized read counts)
Time (hours)

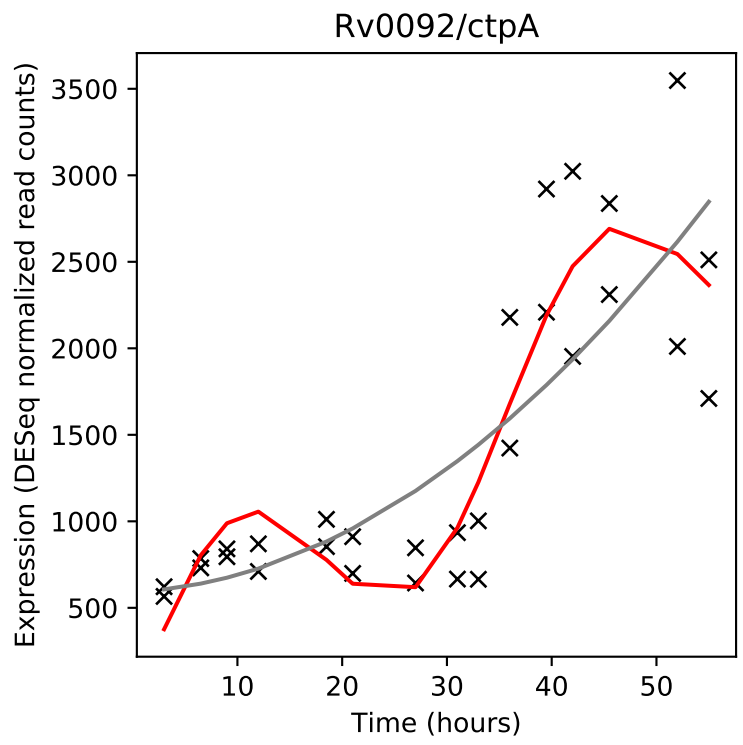

Rv0079/-
Rv0080/-
Rv0081/-
Rv0082/-
Rv0083/-
Rv0084/hycD
Rv0085/hycP
Rv0086/hycQ
Rv0087/hycE
Expression (DESeq normalized read counts)
Time (hours)

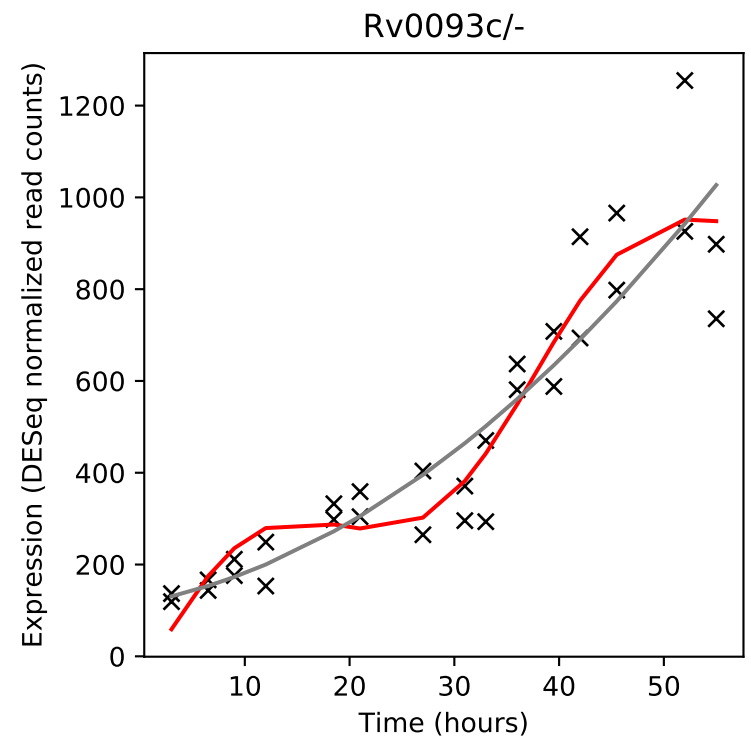

Rv0088/-
Expression (DESeq normalized read counts)
Time (hours)

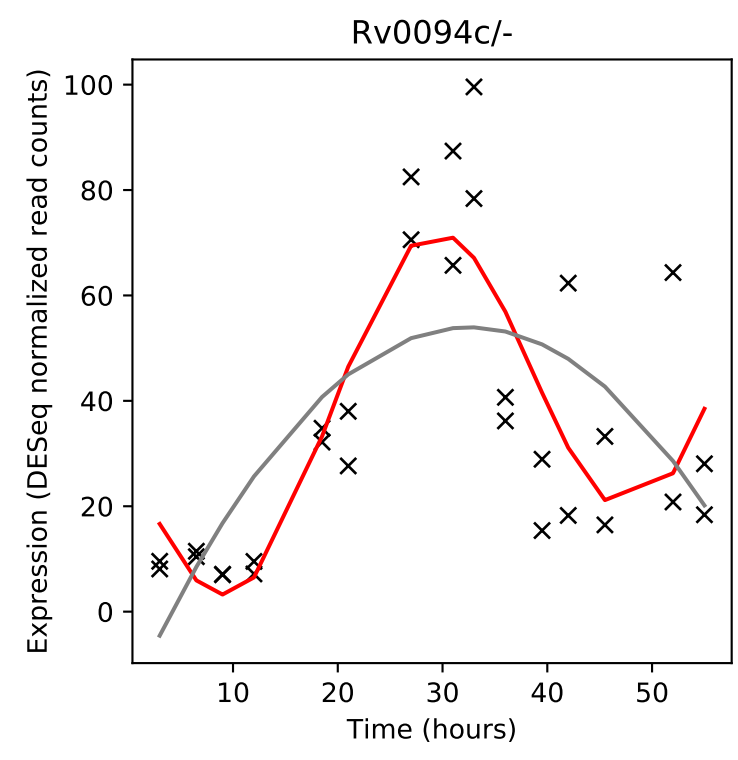

Rv0089/-
Expression (DESeq normalized read counts)
Time (hours)

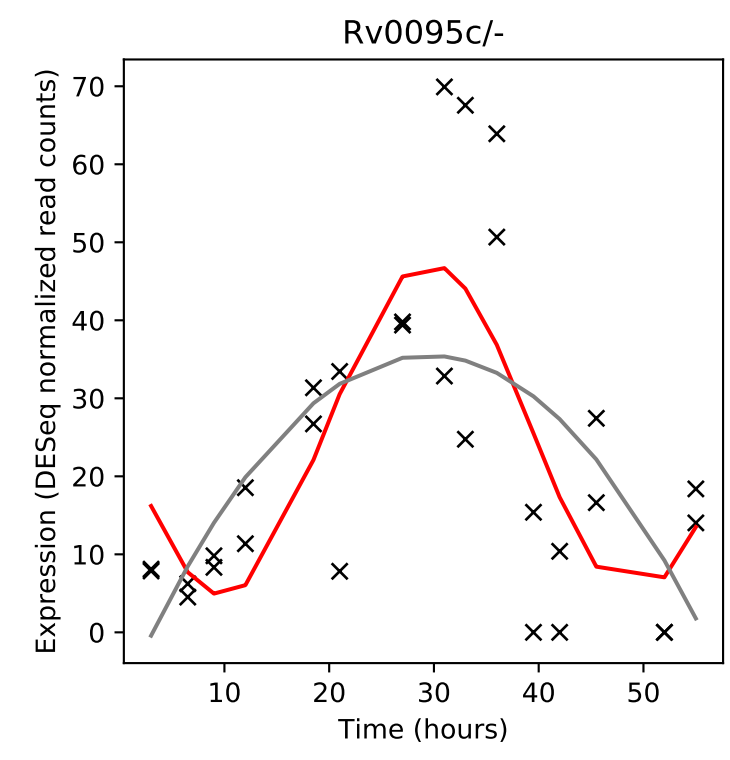

Rv0090/-
Expression (DESeq normalized read counts)
Time (hours)

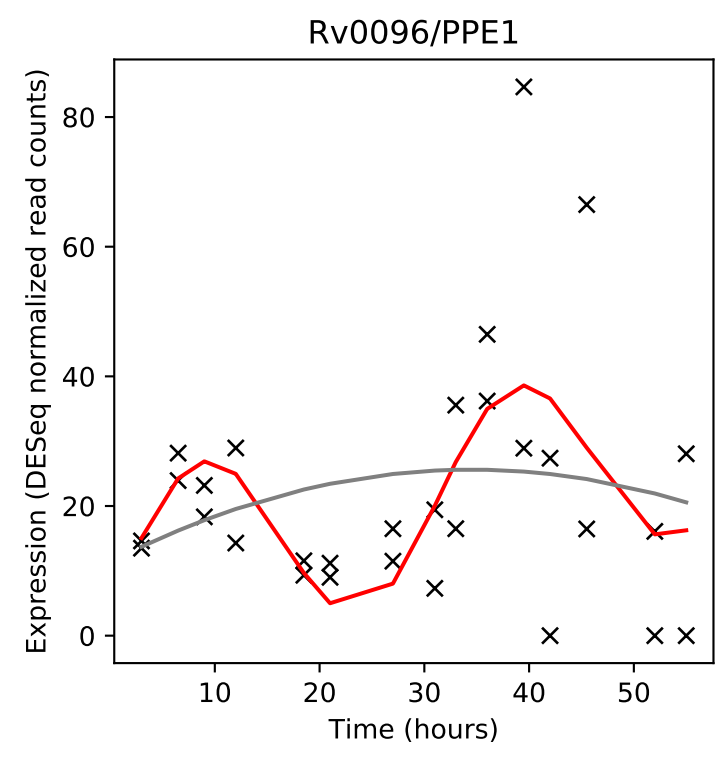

Rv0091/mtn
Expression (DESeq normalized read counts)
Time (hours)

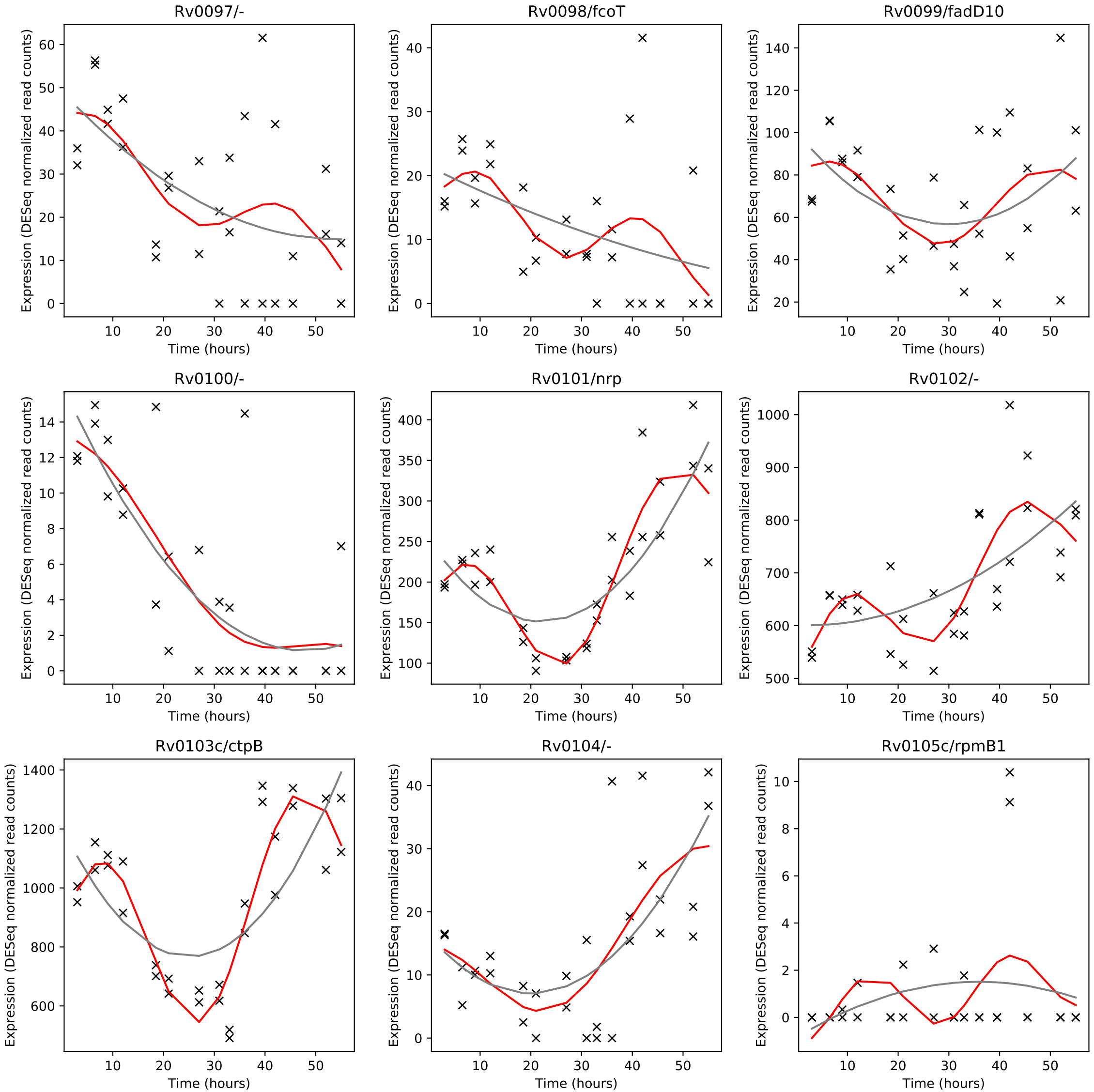

Rv0092/ctpA
Expression (DESeq normalized read counts)
Time (hours)

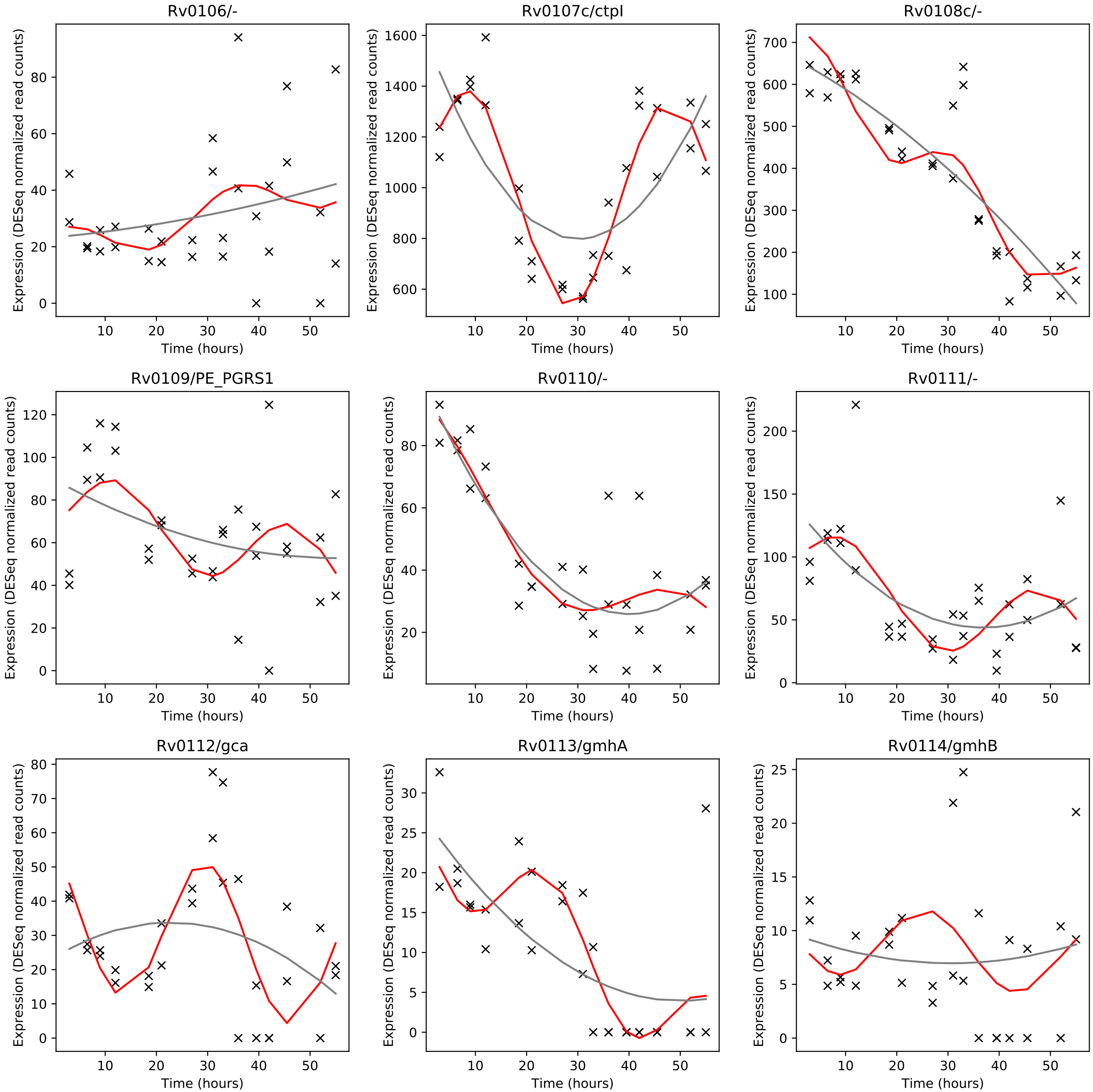

Rv0093c/-
Expression (DESeq normalized read counts)
Time (hours)

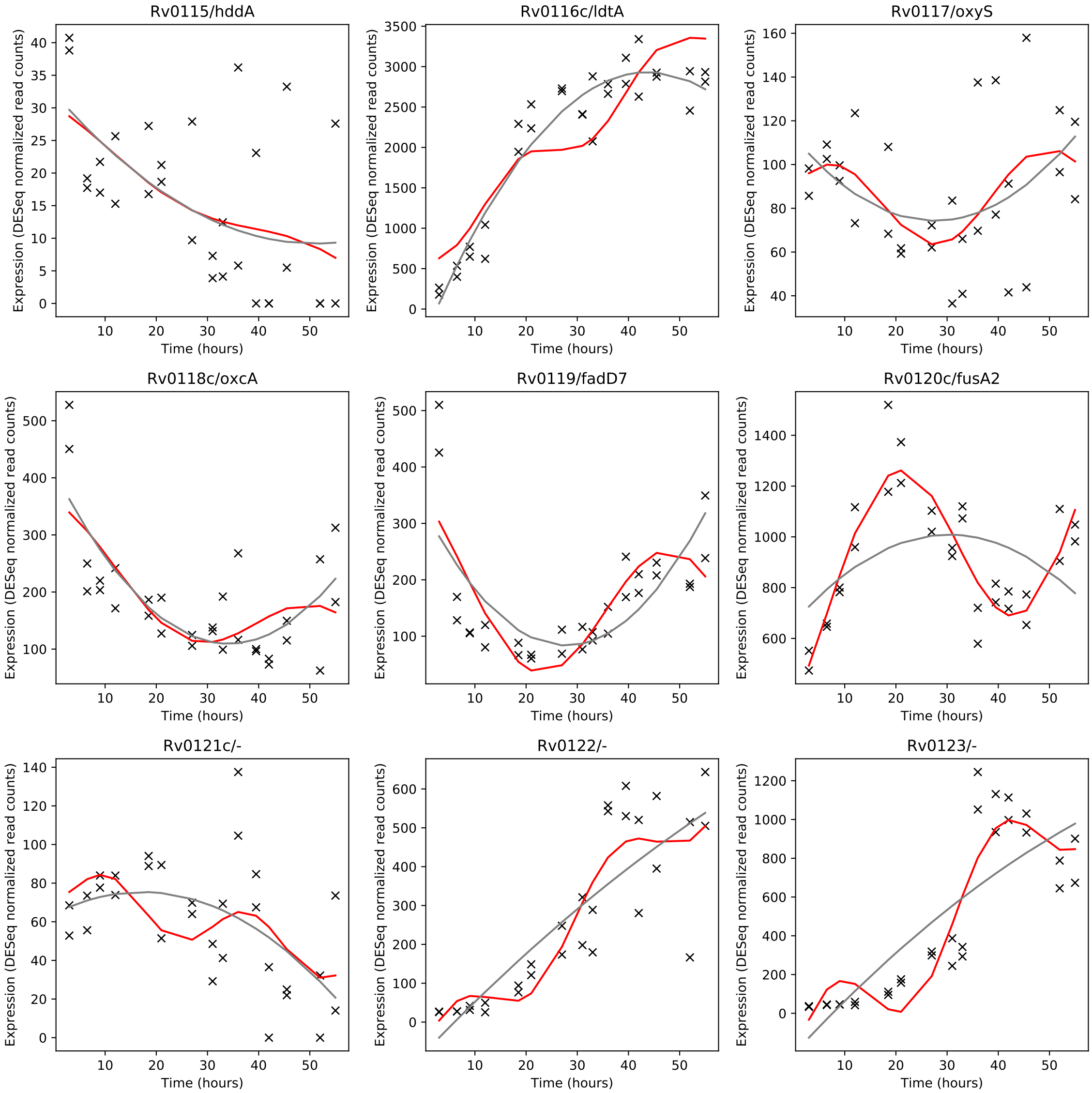

Rv0094c/-
Expression (DESeq normalized read counts)
Time (hours)

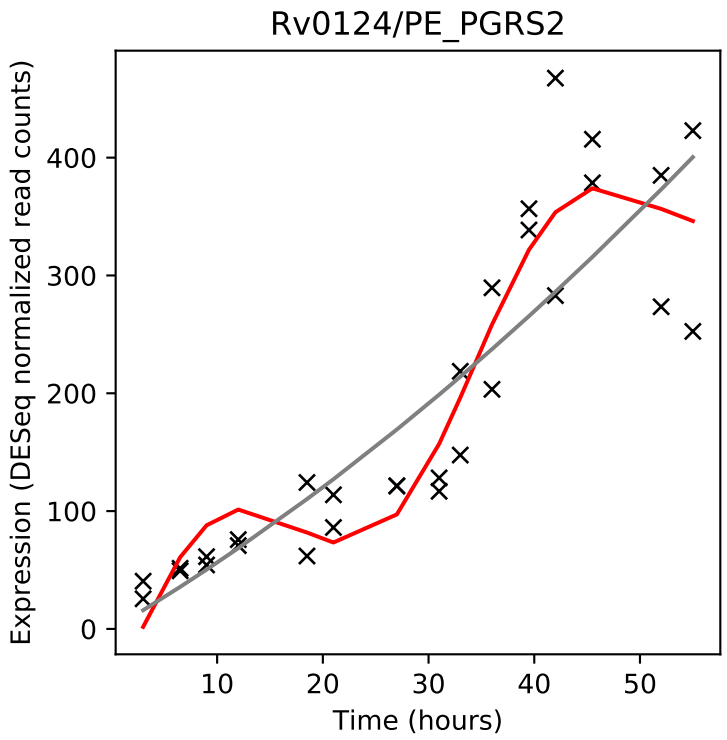

Rv0095c/-
Expression (DESeq normalized read counts)
Time (hours)

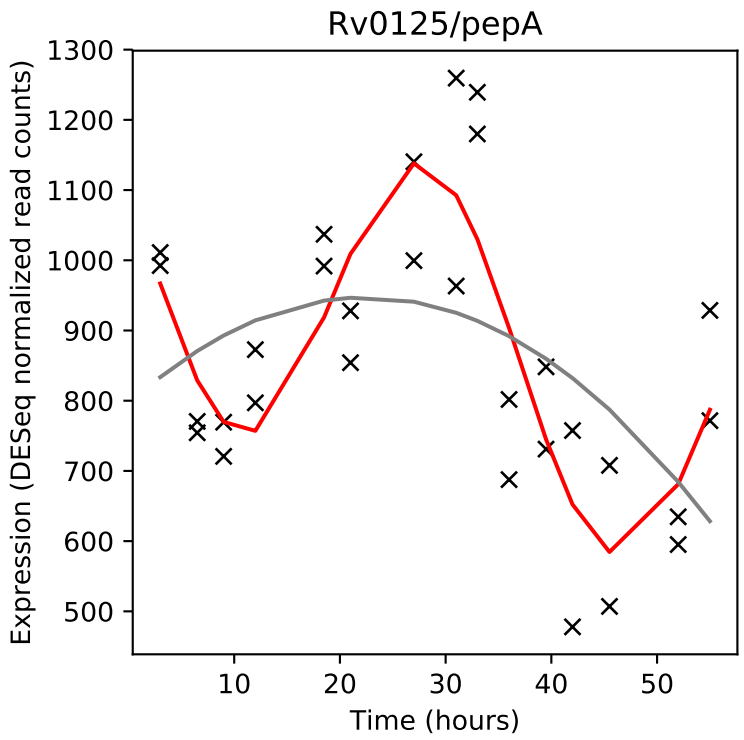

Rv0096/PPE1
Expression (DESeq normalized read counts)
Time (hours)

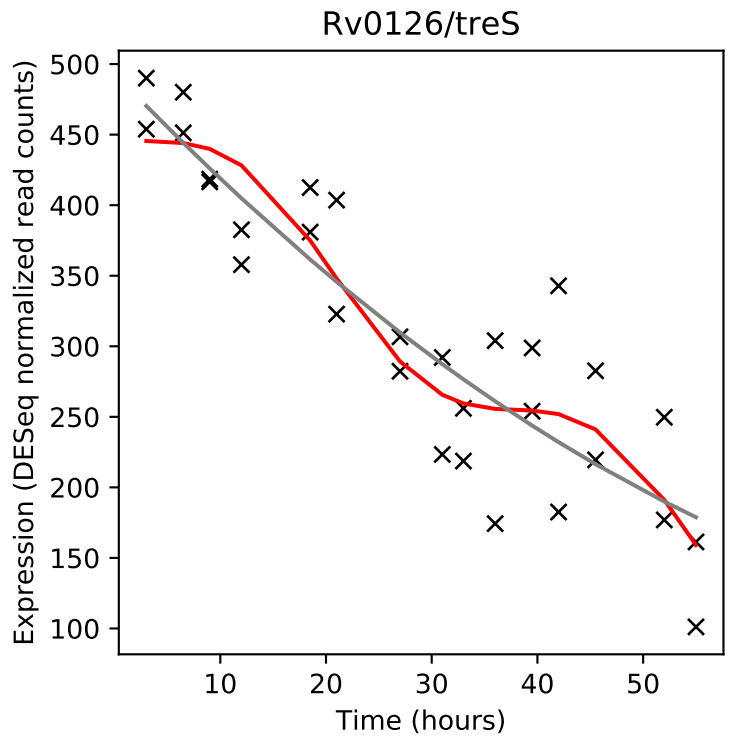

Rv0097/-
Rv0098/fcoT
Rv0099/fadD10
Rv0100/-
Rv0101/nrp
Rv0102/-
Rv0103c/ctpB
Rv0104/-
Rv0105c/rpmB1
Expression (DESeq normalized read counts)
Time (hours)

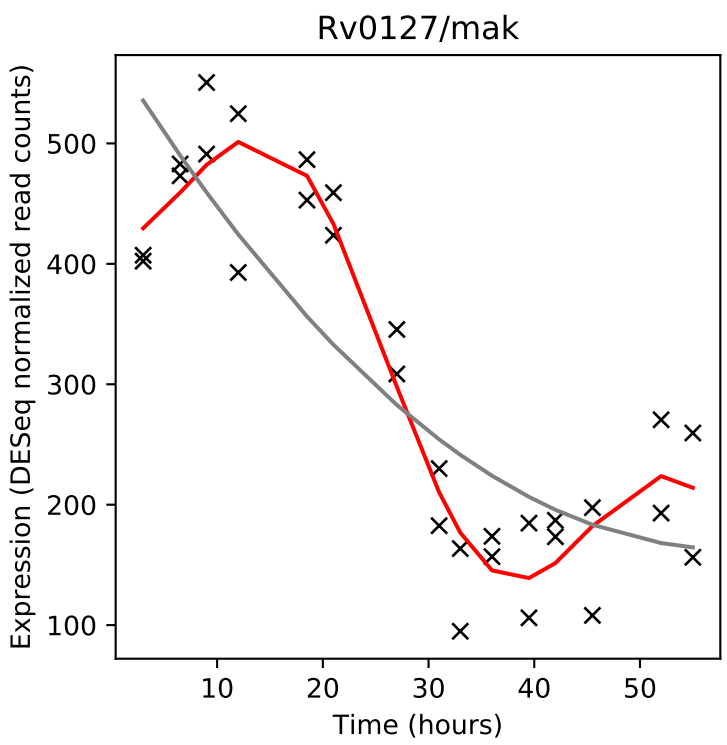

Rv0106/-
Rv0107c/ctpI
Rv0108c/-
Rv0109/PE_PGRS1
Rv0110/-
Rv0111/-
Rv0112/gca
Rv0113/gmhA
Rv0114/gmhB
Expression (DESeq normalized read counts)
Time (hours)

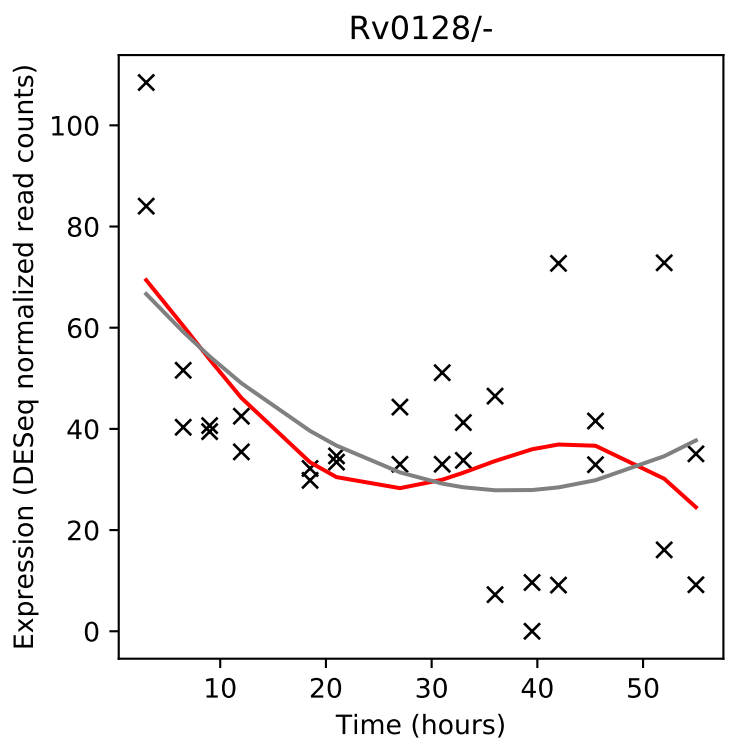

Rv0115/hddA
Rv0116c/ldtA
Rv0117/oxyS
Rv0118c/oxcA
Rv0119/fadD7
Rv0120c/fusA2
Rv0121c/-
Rv0122/-
Rv0123/-
Expression (DESeq normalized read counts)
Time (hours)

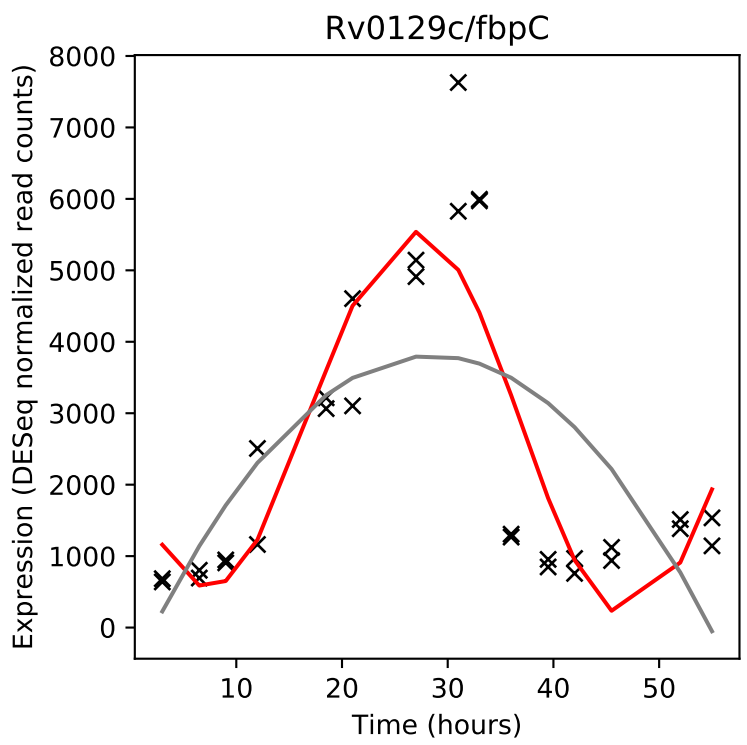

Rv0124/PE_PGRS2
Expression (DESeq normalized read counts)
Time (hours)

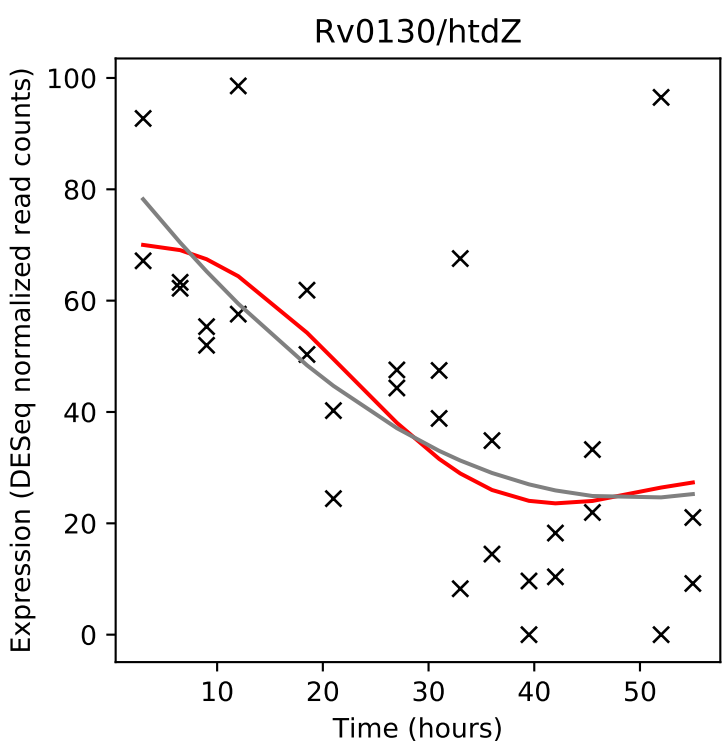

Rv0125/pepA
Expression (DESeq normalized read counts)
Time (hours)

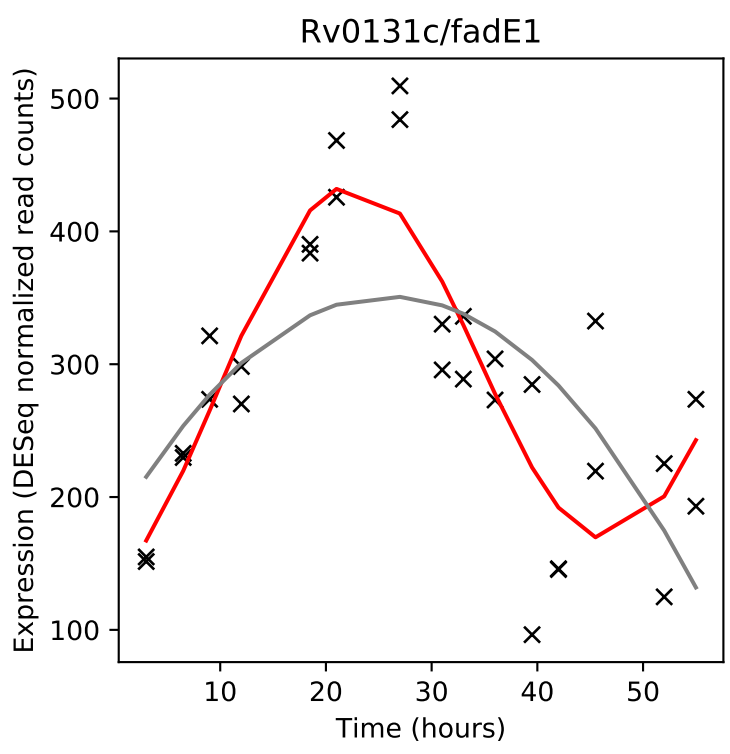

Rv0126/treS
Expression (DESeq normalized read counts)
Time (hours)

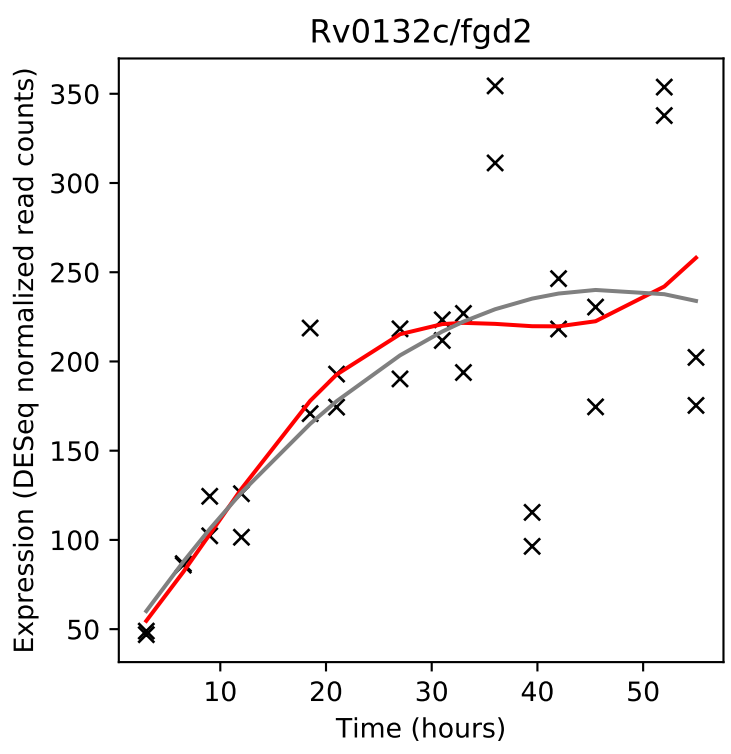

Rv0127/mak
Expression (DESeq normalized read counts)
Time (hours)

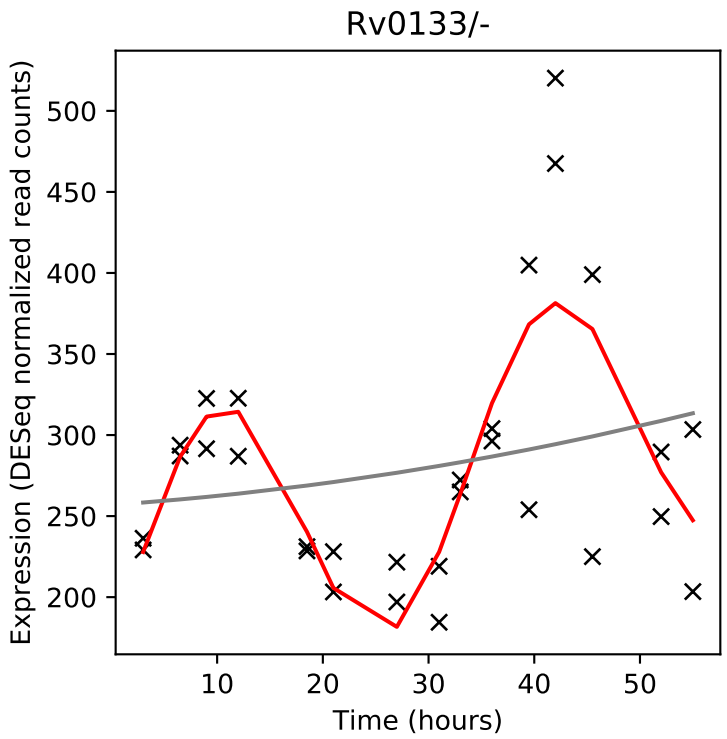

Rv0128/-
Expression (DESeq normalized read counts)
Time (hours)

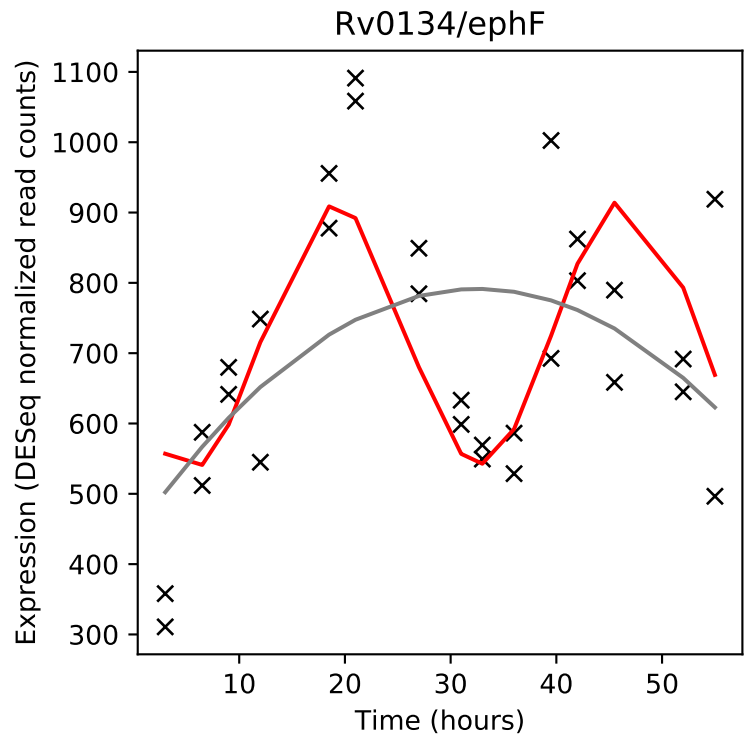

Rv0129c/fbpC
Expression (DESeq normalized read counts)
Time (hours)

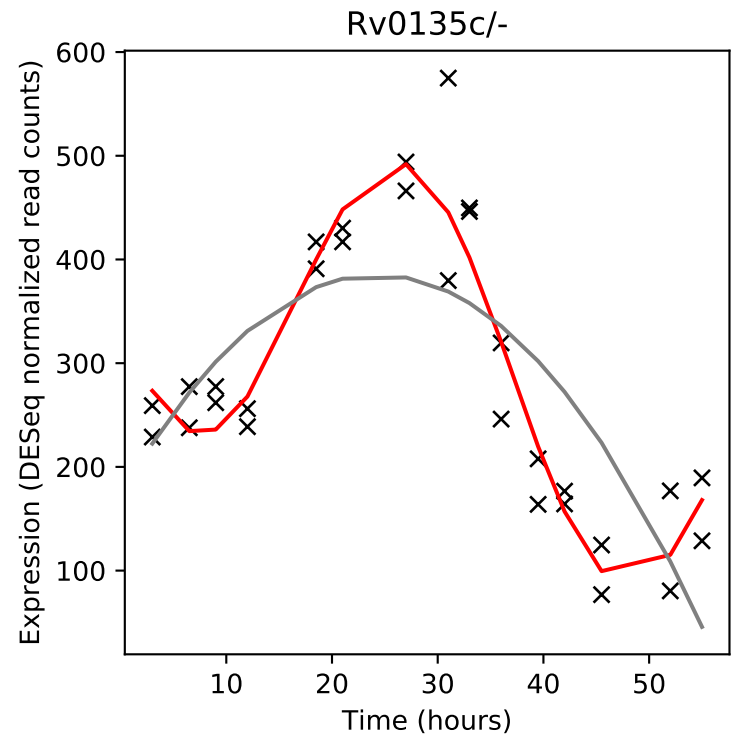

Rv0130/htdZ
Expression (DESeq normalized read counts)
Time (hours)

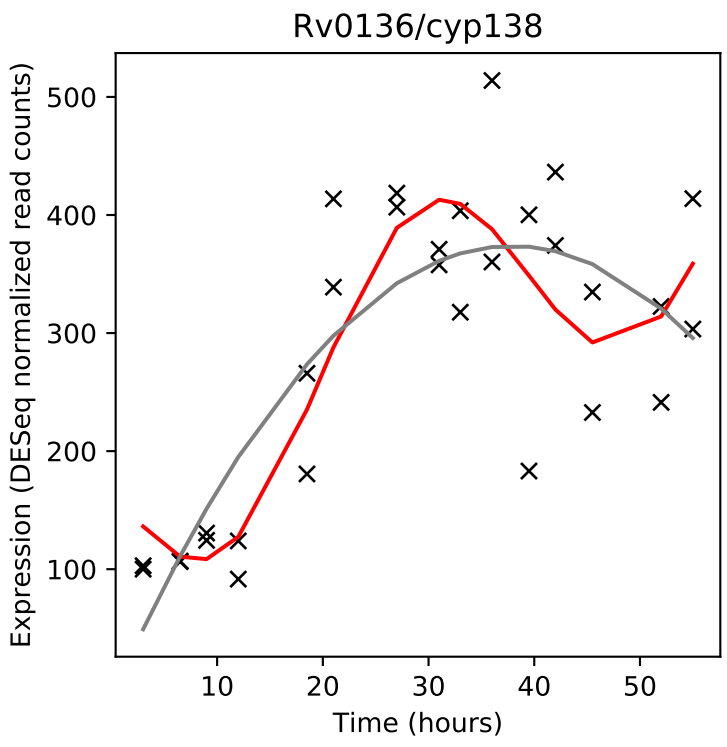

Rv0131c/fadE1
Expression (DESeq normalized read counts)
Time (hours)

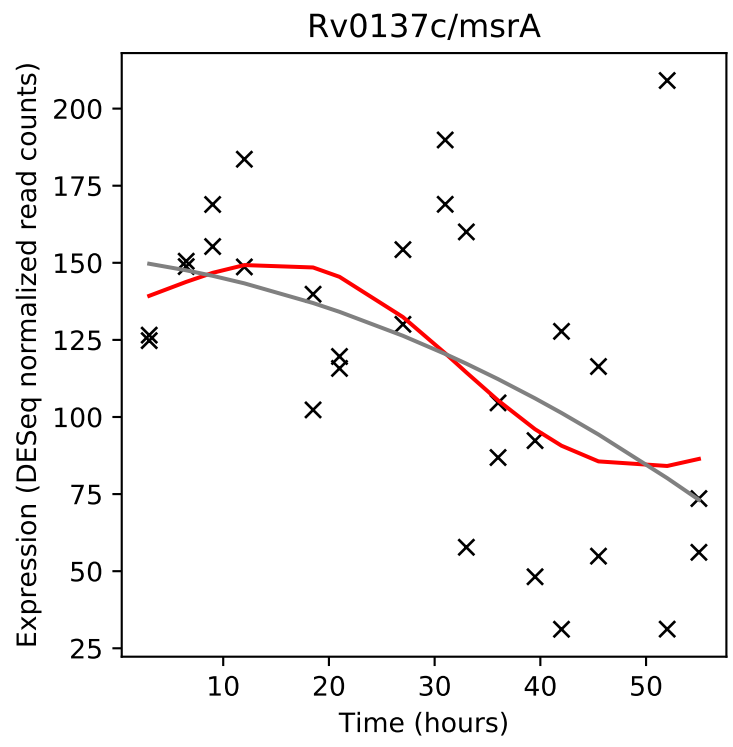

Rv0132c/fgd2
Expression (DESeq normalized read counts)
Time (hours)

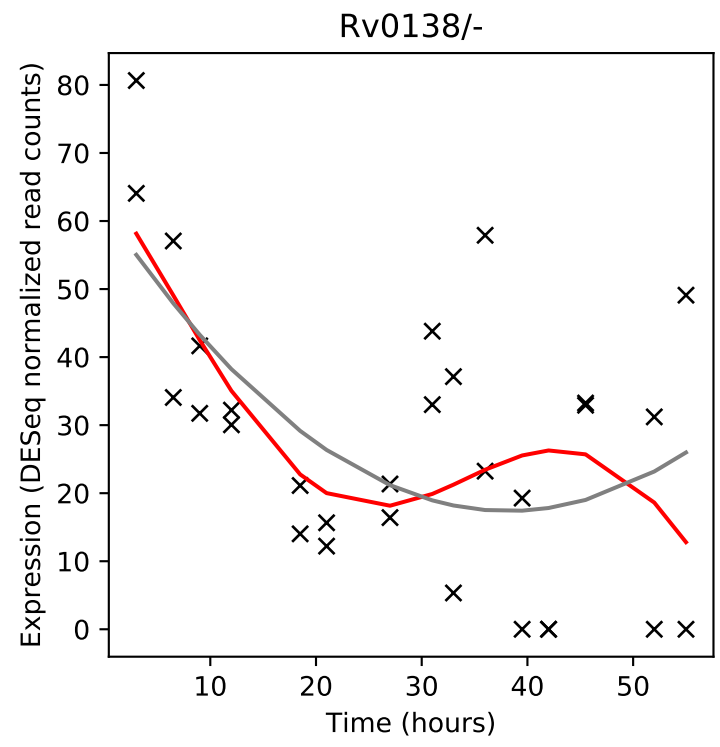

Rv0133/-
Expression (DESeq normalized read counts)
Time (hours)

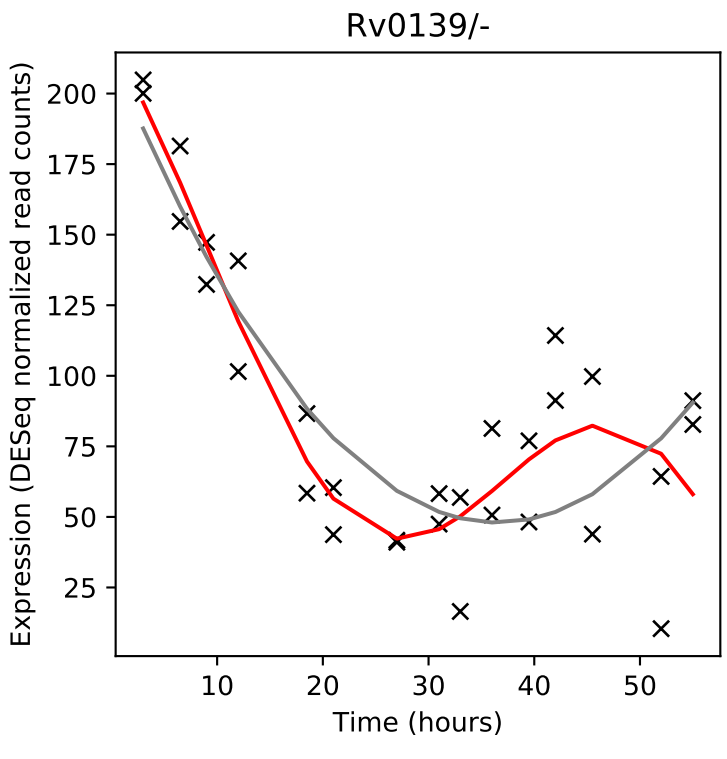

Rv0134/ephF
Expression (DESeq normalized read counts)
Time (hours)

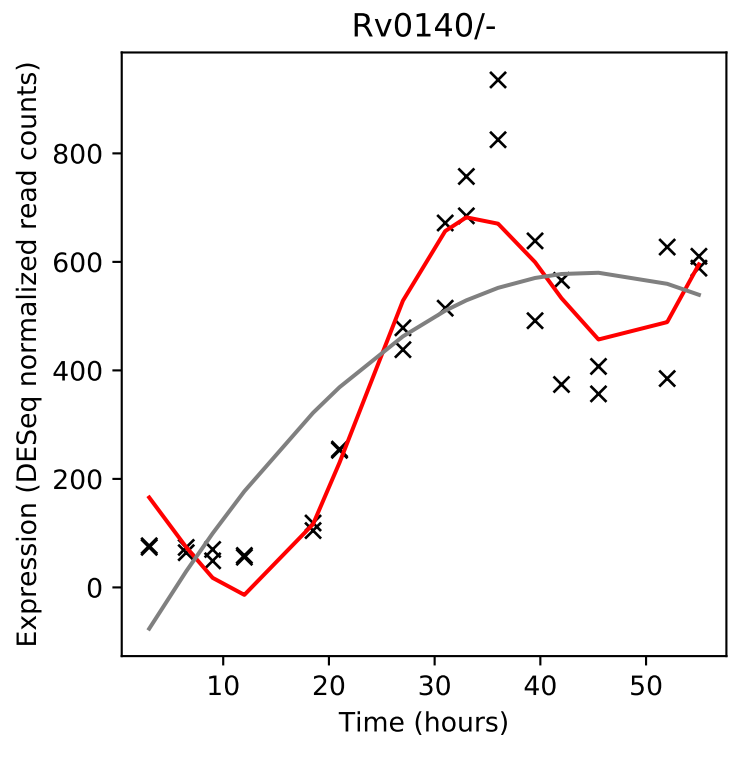

Rv0135c/-
Expression (DESeq normalized read counts)
Time (hours)

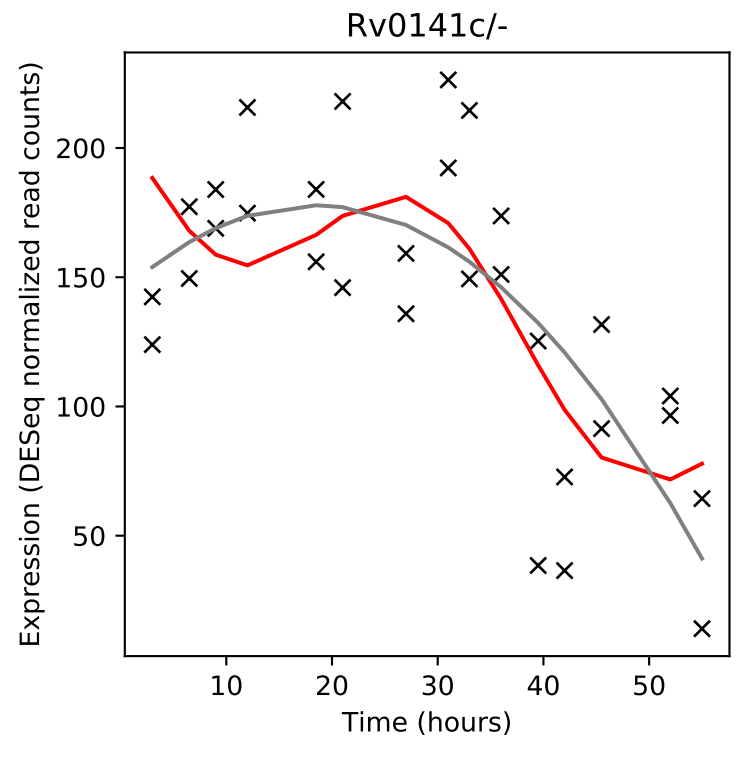

Rv0136/cyp138
Expression (DESeq normalized read counts)
Time (hours)

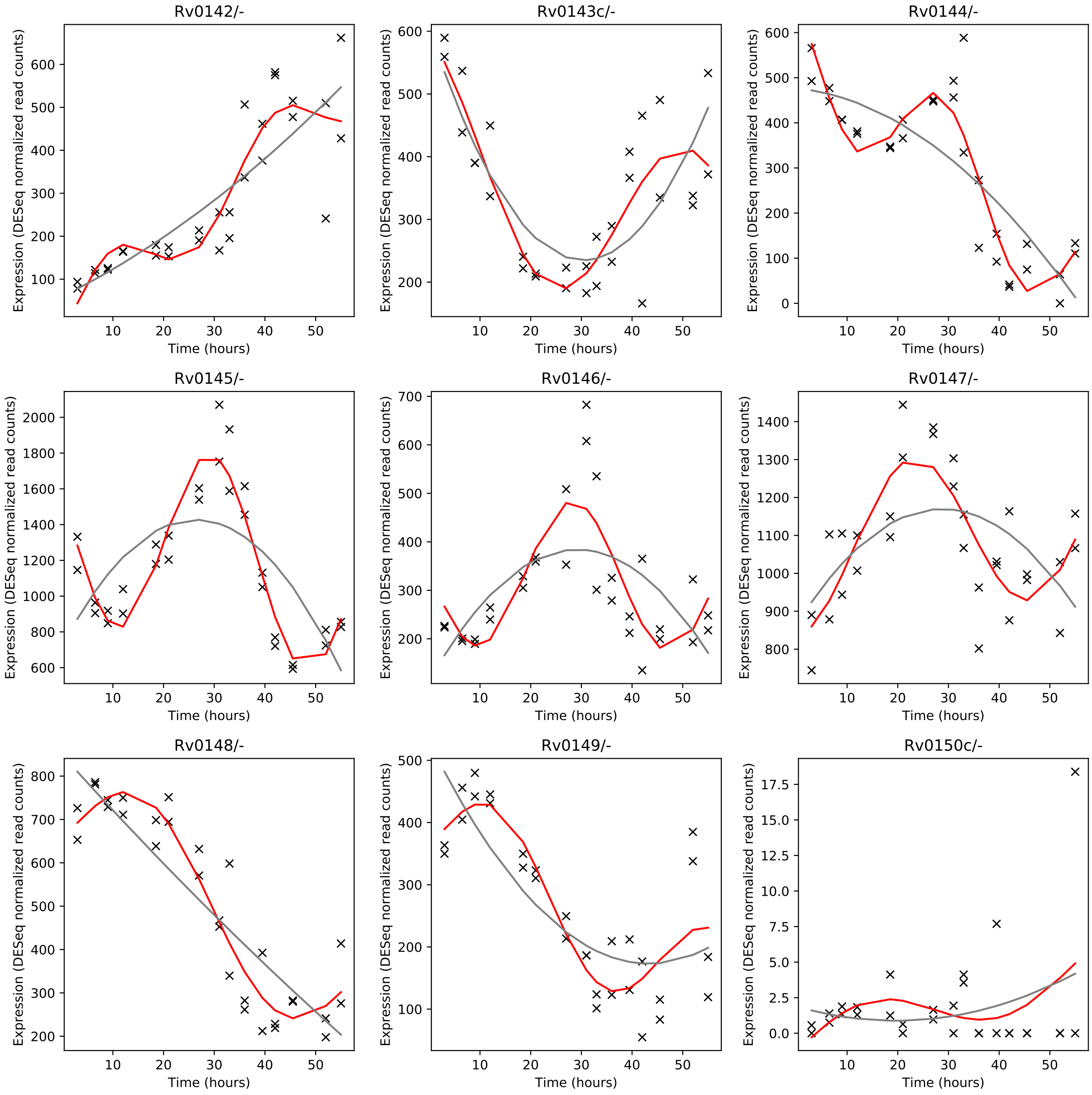

Rv0137c/msrA
Expression (DESeq normalized read counts)
Time (hours)

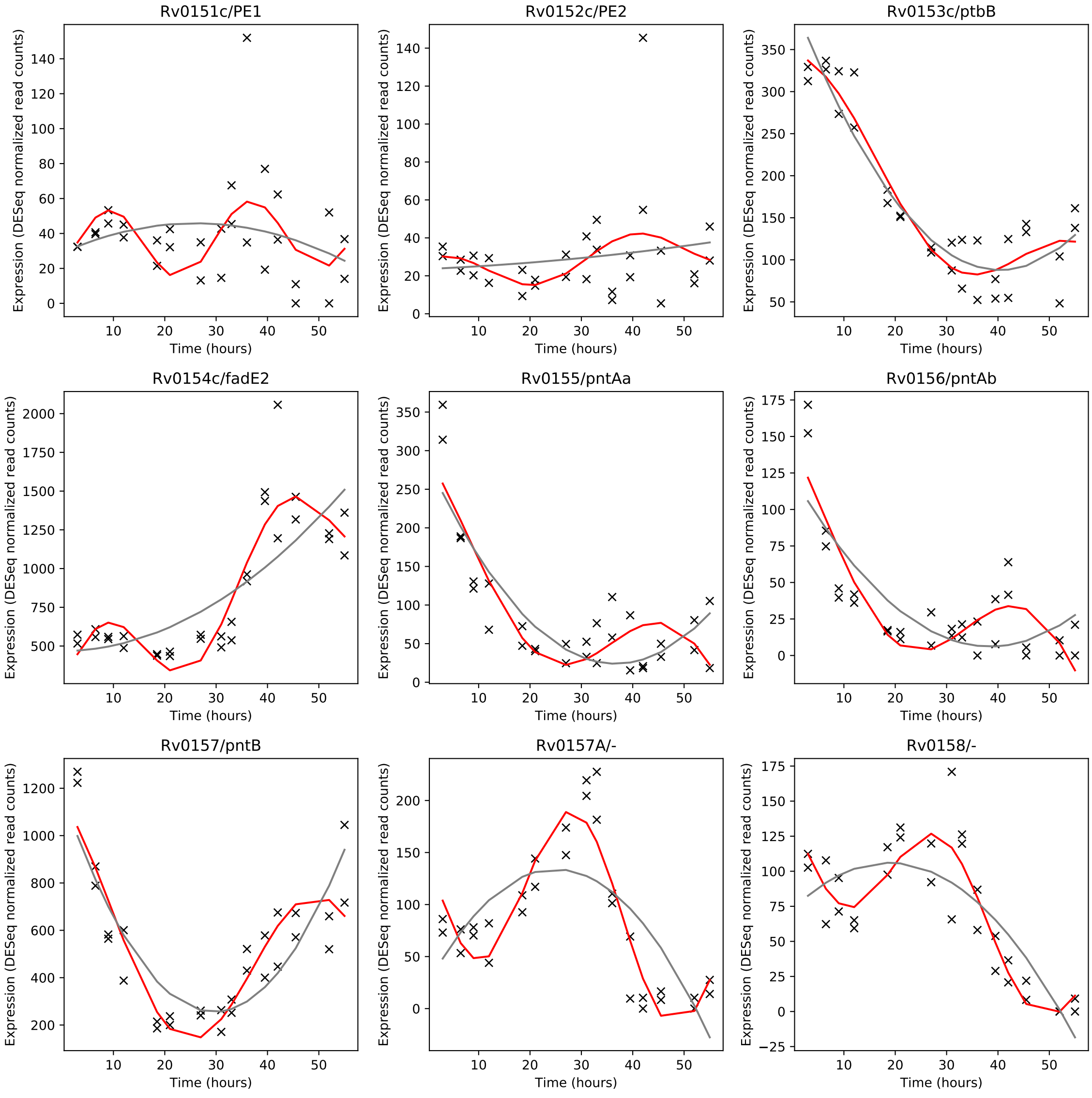

Rv0138/-
Expression (DESeq normalized read counts)
Time (hours)

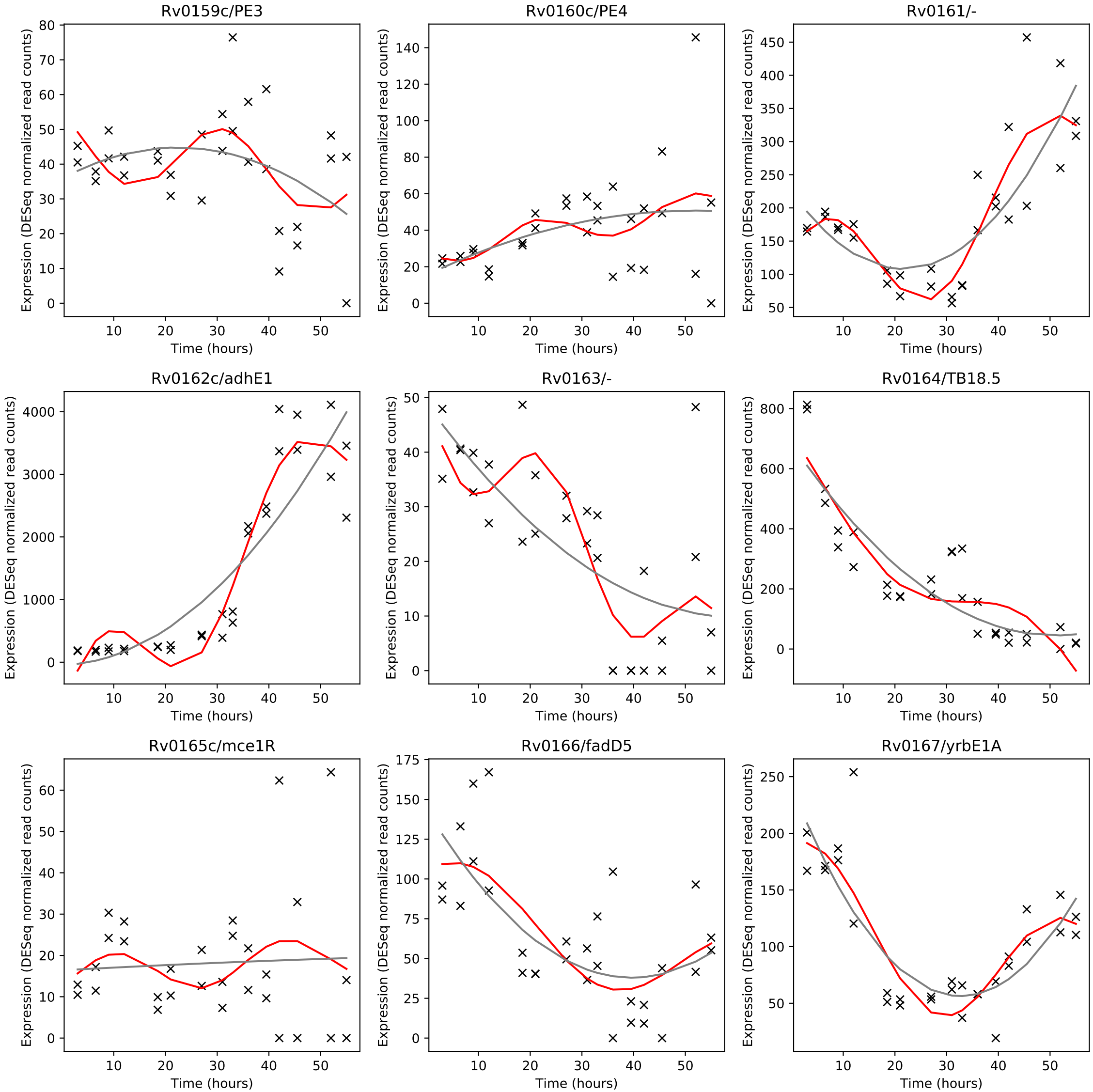

Rv0139/-
Expression (DESeq normalized read counts)
Time (hours)

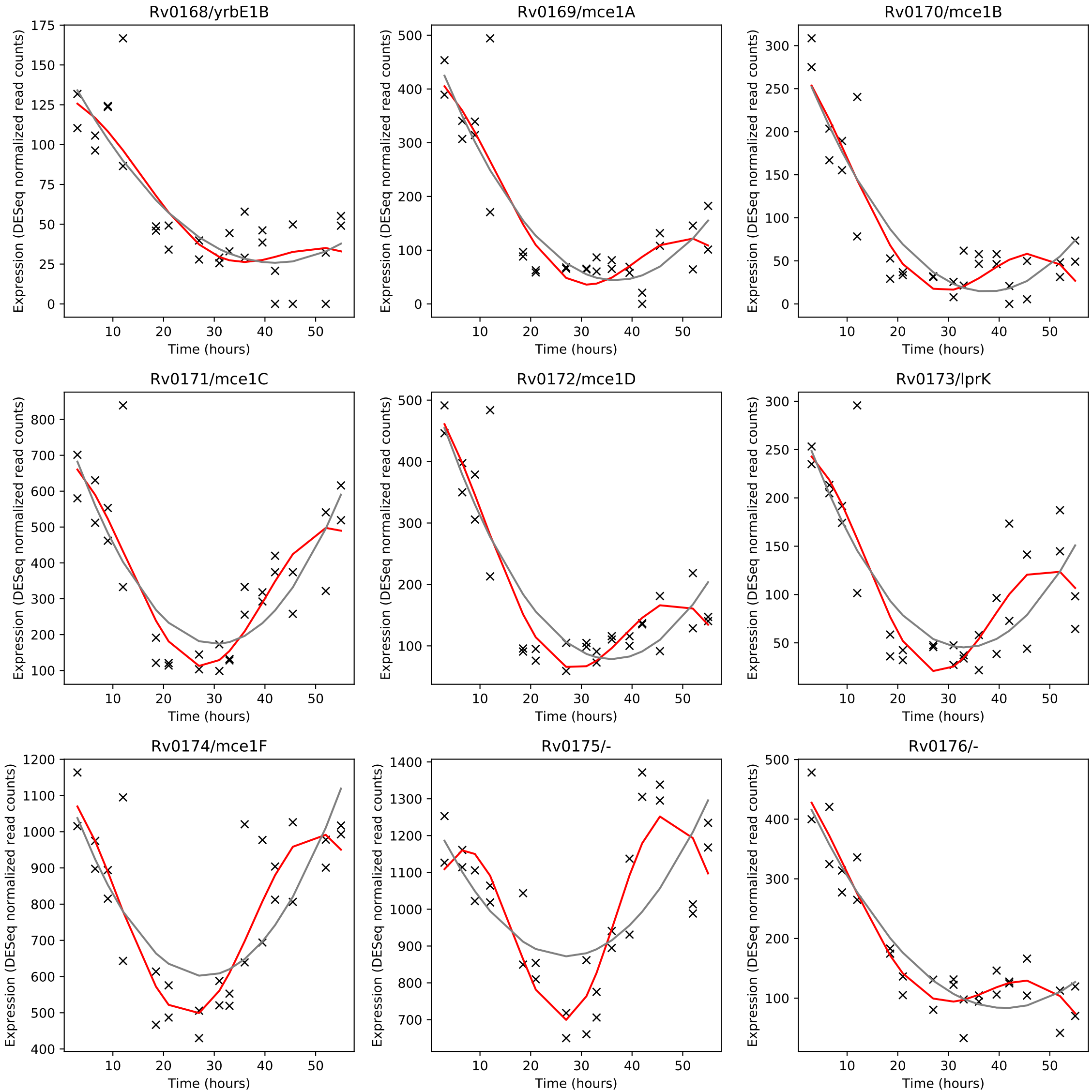

Rv0140/-
Expression (DESeq normalized read counts)
Time (hours)

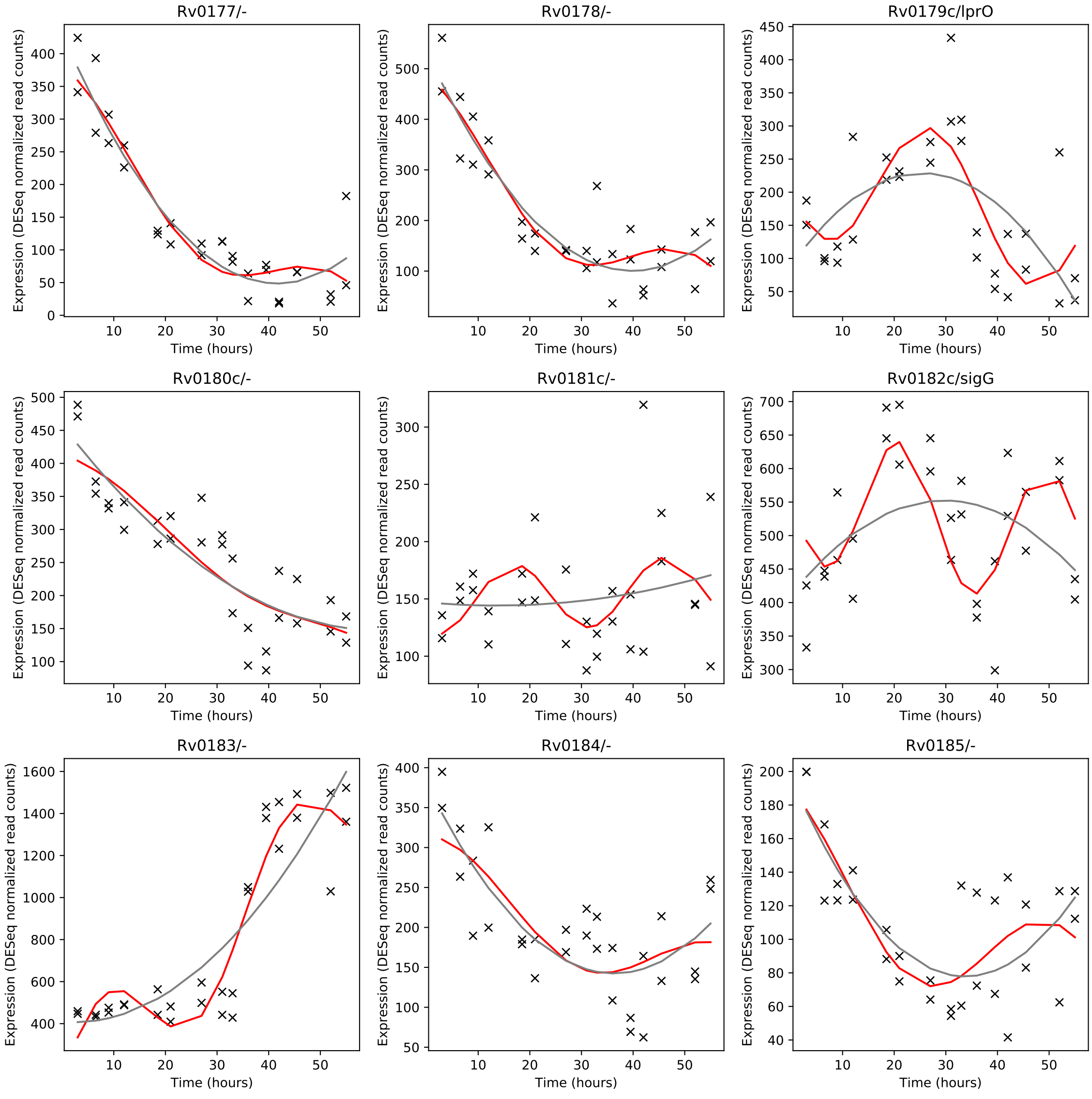

Rv0141c/-
Expression (DESeq normalized read counts)
Time (hours)

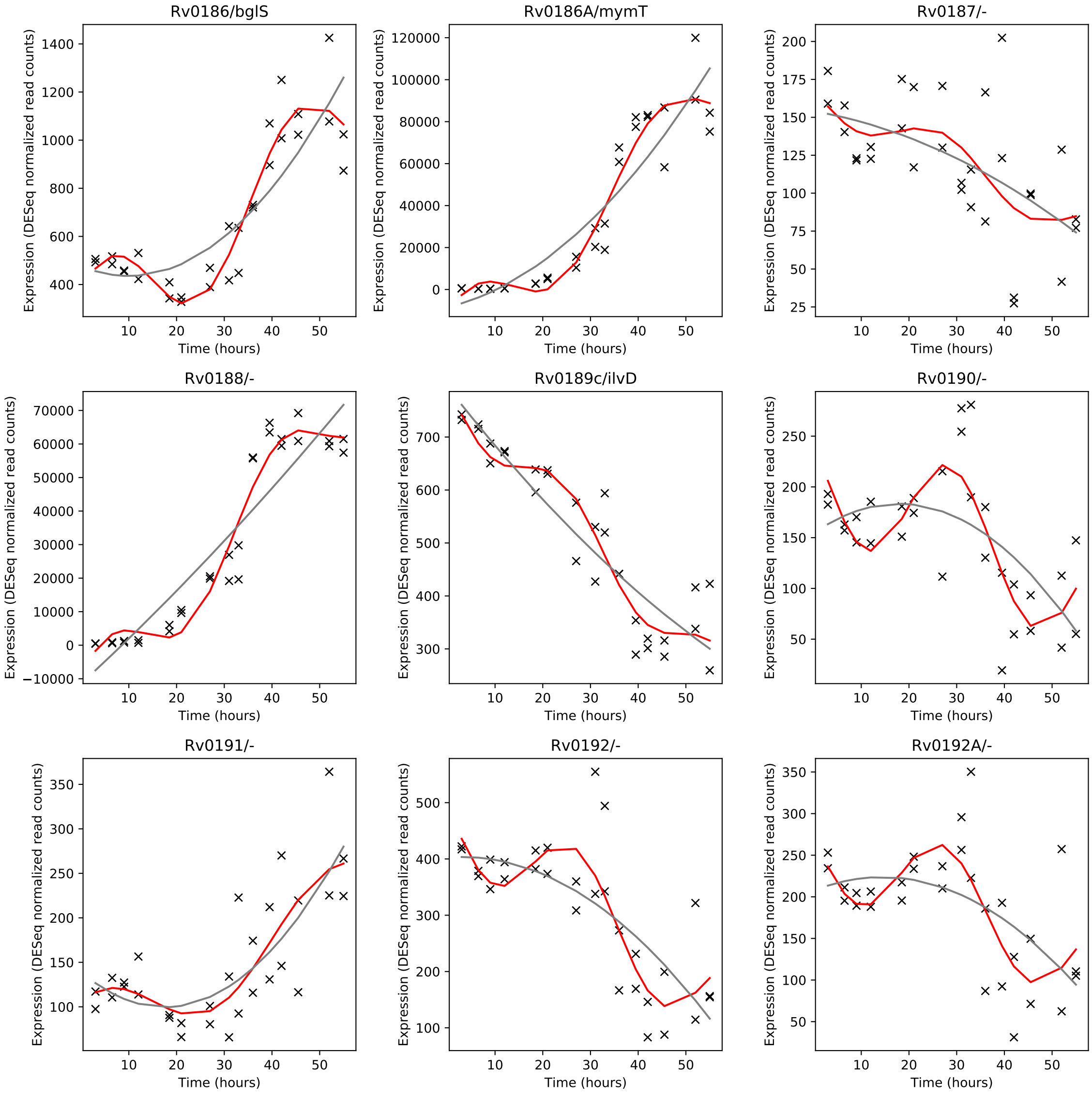

Rv0142/-
Rv0143c/-
Rv0144/-
Rv0145/-
Rv0146/-
Rv0147/-
Rv0148/-
Rv0149/-
Rv0150c/-
Expression (DESeq normalized read counts)
Time (hours)

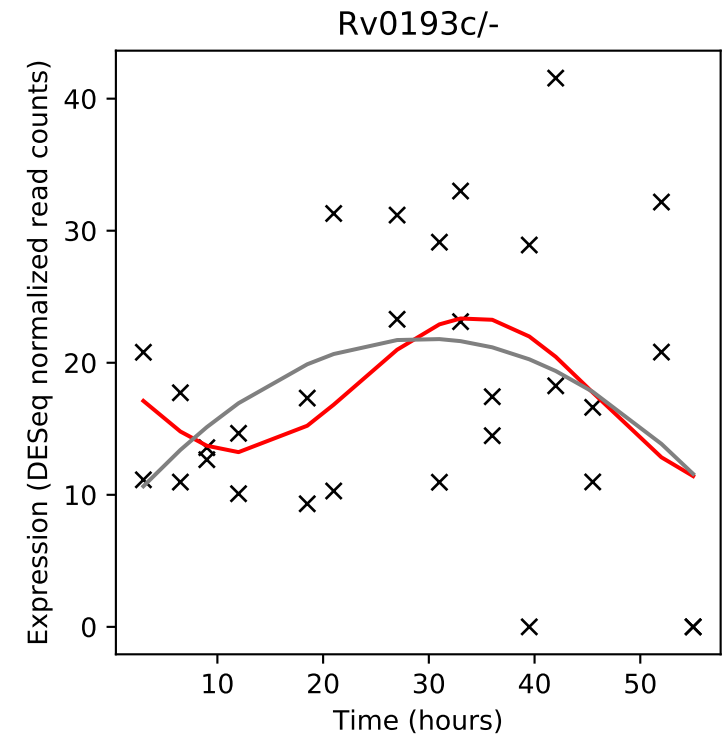

Rv0151c/PE1
Rv0152c/PE2
Rv0153c/ptbB
Rv0154c/fadE2
Rv0155/pntAa
Rv0156/pntAb
Rv0157/pntB
Rv0157A/-
Rv0158/-
Expression (DESeq normalized read counts)
Time (hours)

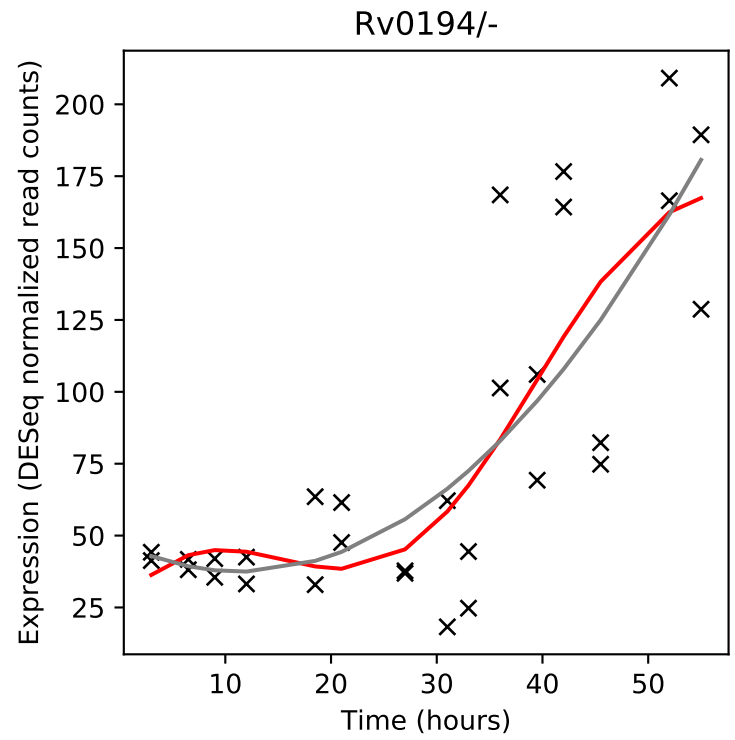

Rv0159c/PE3
Rv0160c/PE4
Rv0161/-
Rv0162c/adhE1
Rv0163/-
Rv0164/TB18.5
Rv0165c/mce1R
Rv0166/fadD5
Rv0167/yrbE1A
Expression (DESeq normalized read counts)
Time (hours)

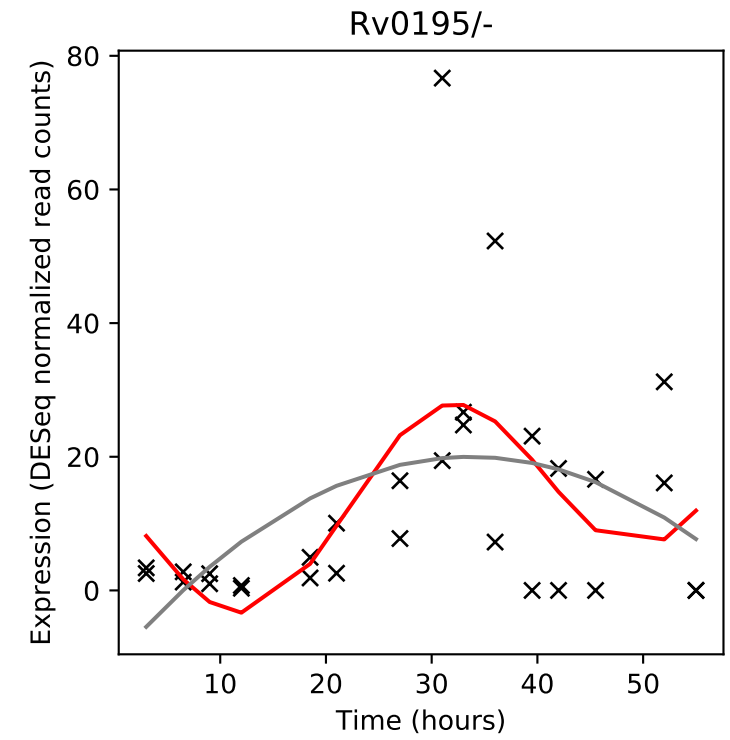

Rv0168/yrbE1B
Rv0169/mce1A
Rv0170/mce1B
Rv0171/mce1C
Rv0172/mce1D
Rv0173/lprK
Rv0174/mce1F
Rv0175/-
Rv0176/-
Expression (DESeq normalized read counts)
Time (hours)

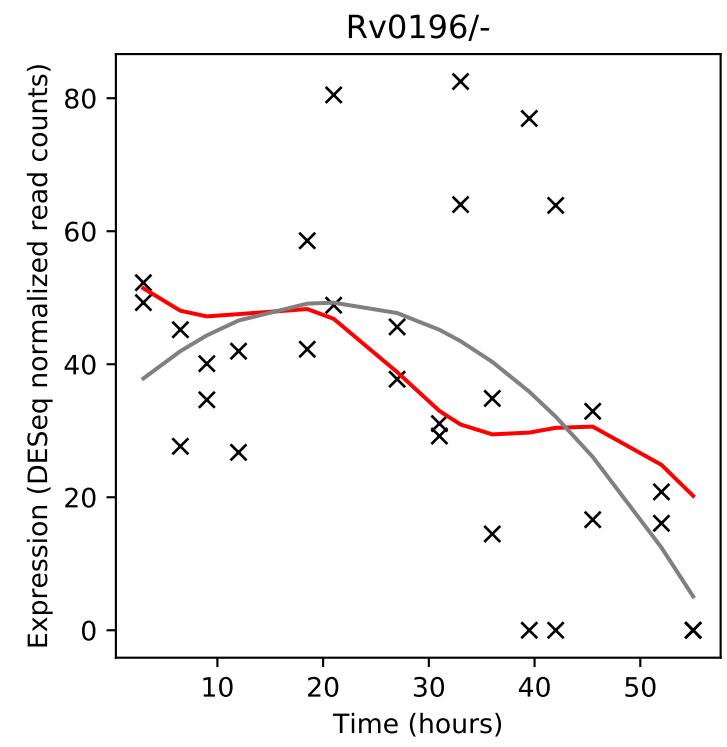

Rv0177/-
Rv0178/-
Rv0179c/lprO
Rv0180c/-
Rv0181c/-
Rv0182c/sigG
Rv0183/-
Rv0184/-
Rv0185/-
Expression (DESeq normalized read counts)
Time (hours)

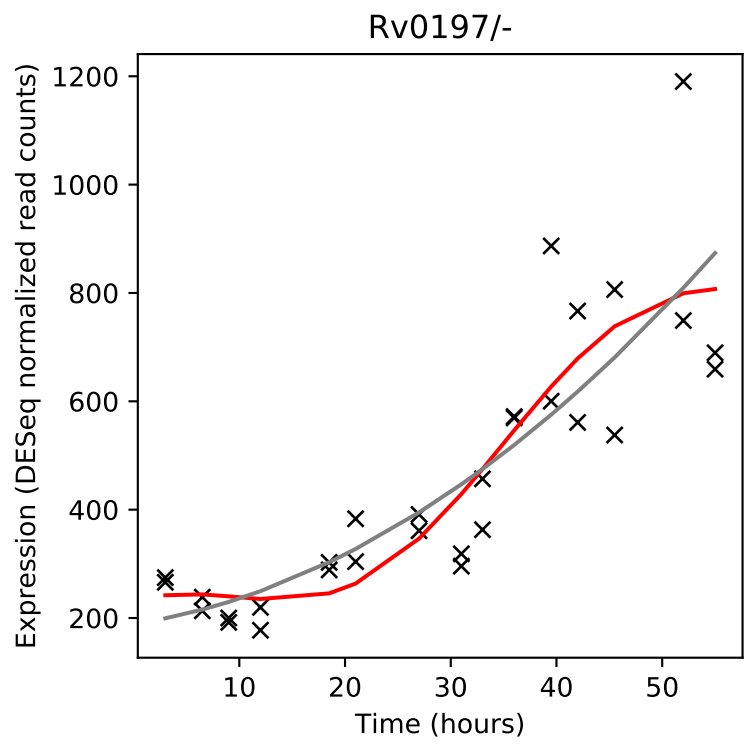

Rv0186/bglS
Rv0186A/mymT
Rv0187/-
Rv0188/-
Rv0189c/ilvD
Rv0190/-
Rv0191/-
Rv0192/-
Rv0192A/-
Expression (DESeq normalized read counts)
Time (hours)

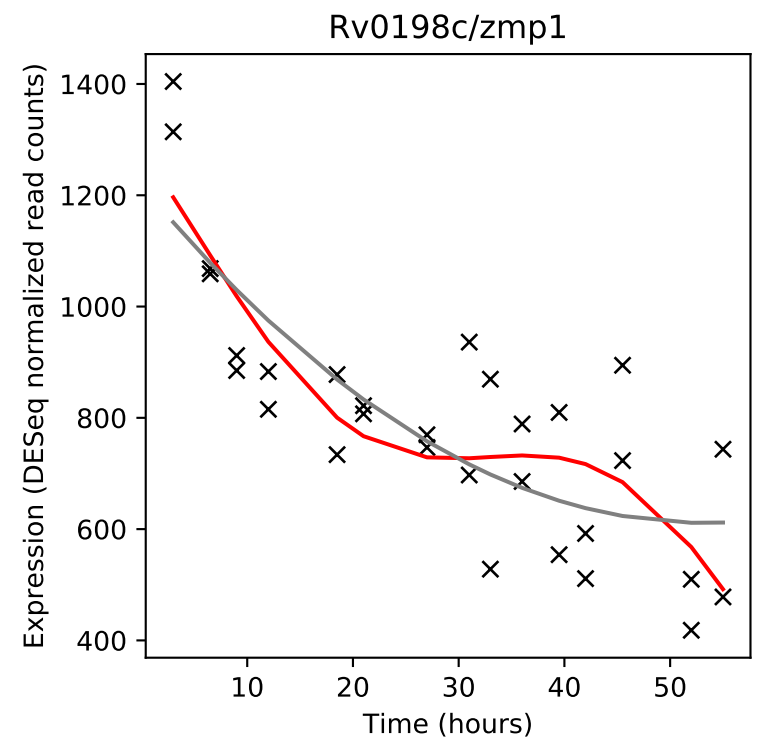

Rv0193c/-
Expression (DESeq normalized read counts)
Time (hours)

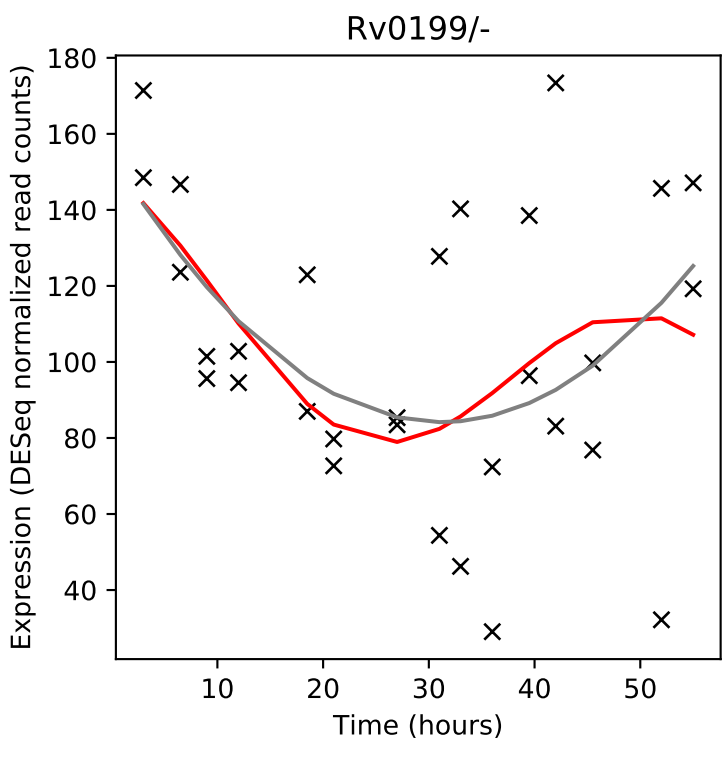

Rv0194/-
Expression (DESeq normalized read counts)
Time (hours)

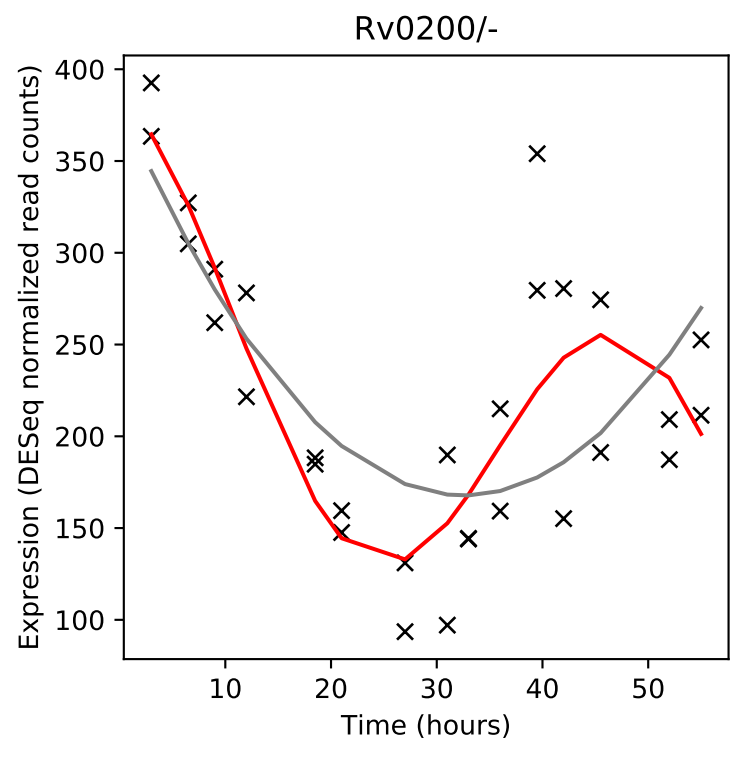

Rv0195/-
Expression (DESeq normalized read counts)
Time (hours)

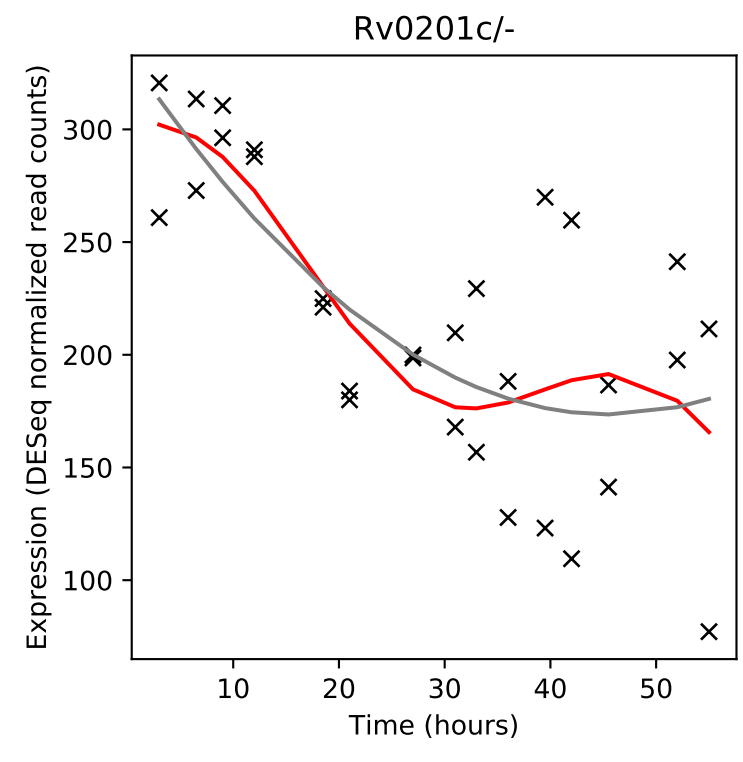

Rv0196/-
Expression (DESeq normalized read counts)
Time (hours)

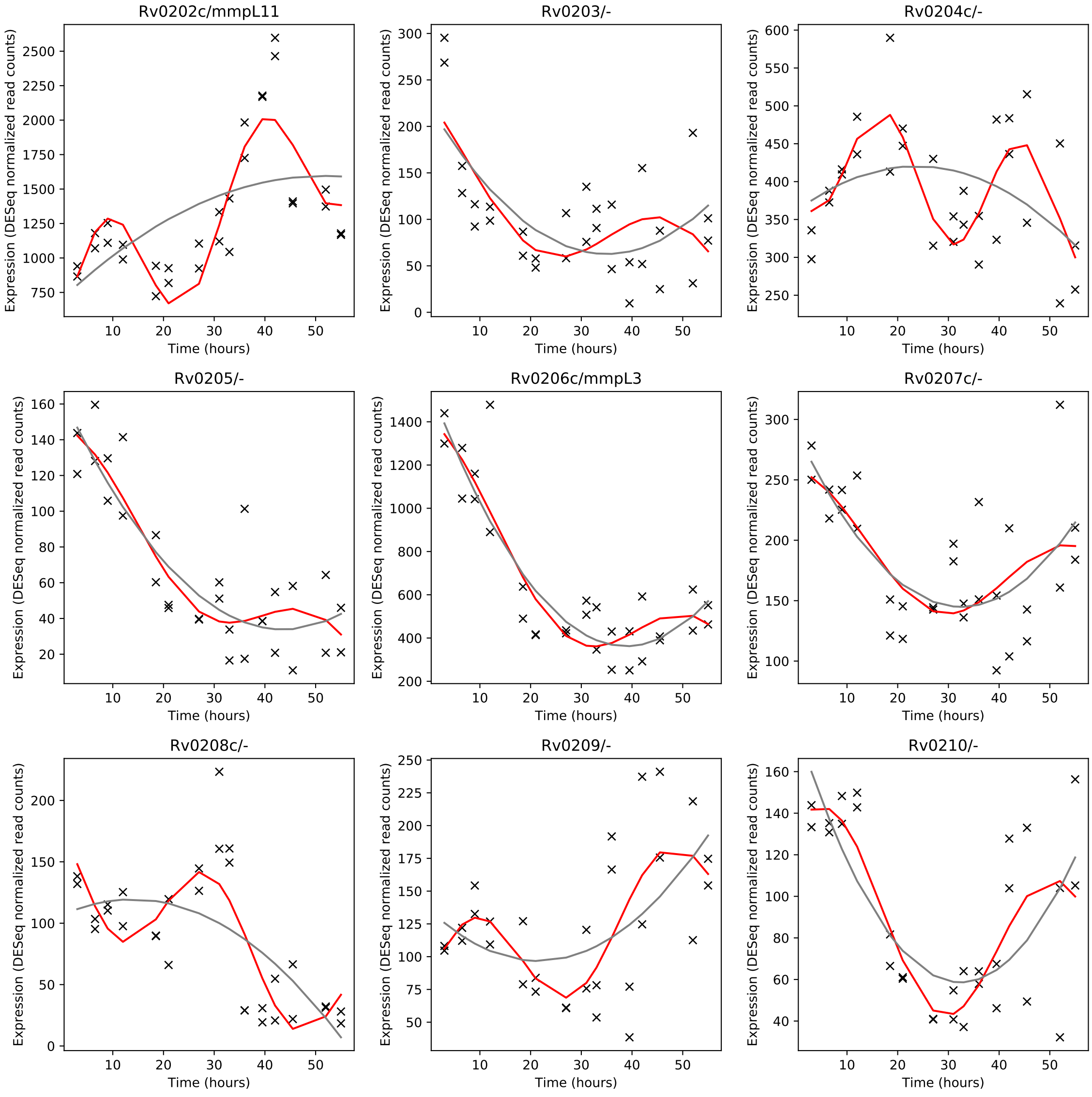

Rv0197/-
Expression (DESeq normalized read counts)
Time (hours)

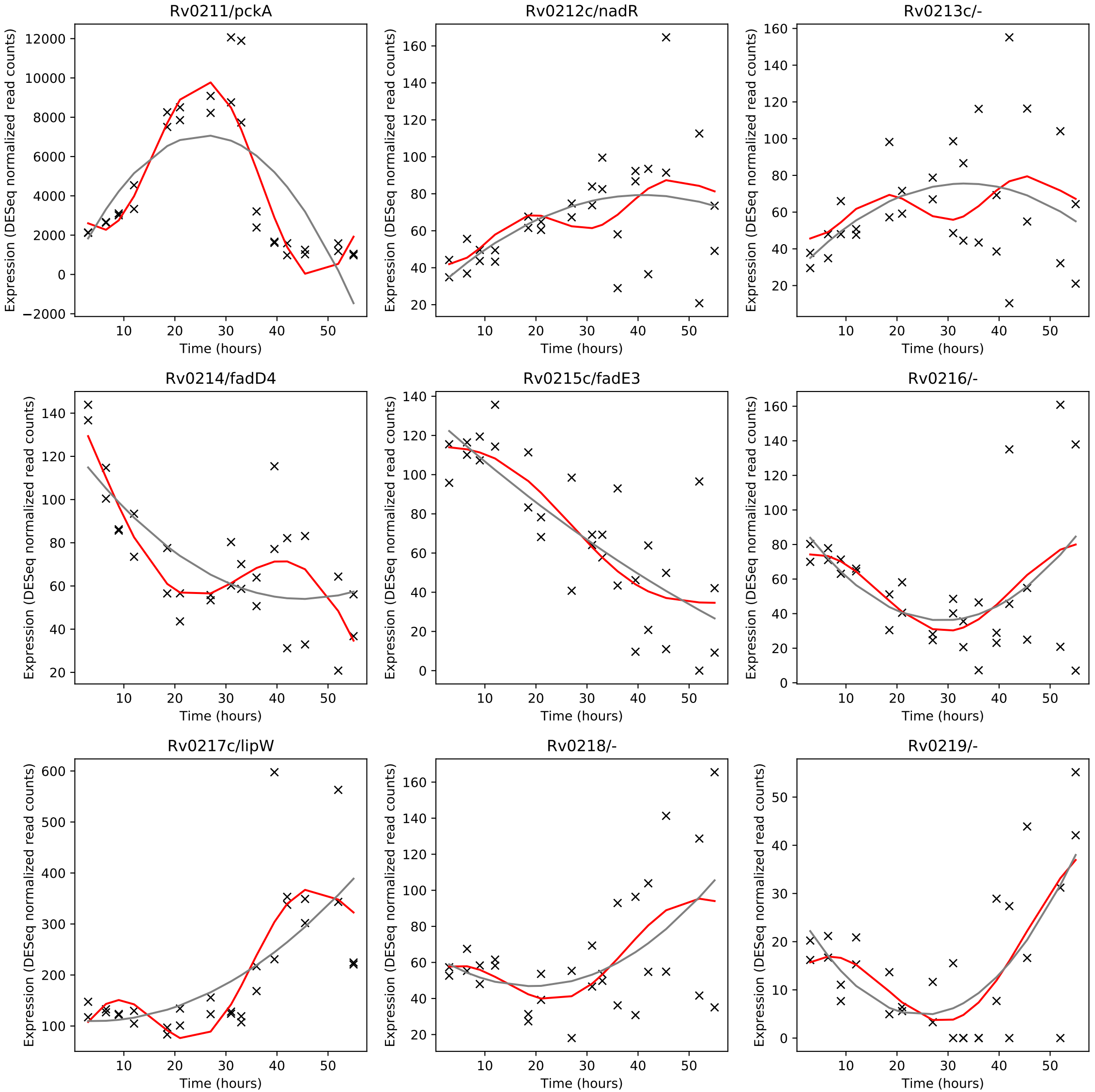

Rv0198c/zmp1
Expression (DESeq normalized read counts)
Time (hours)

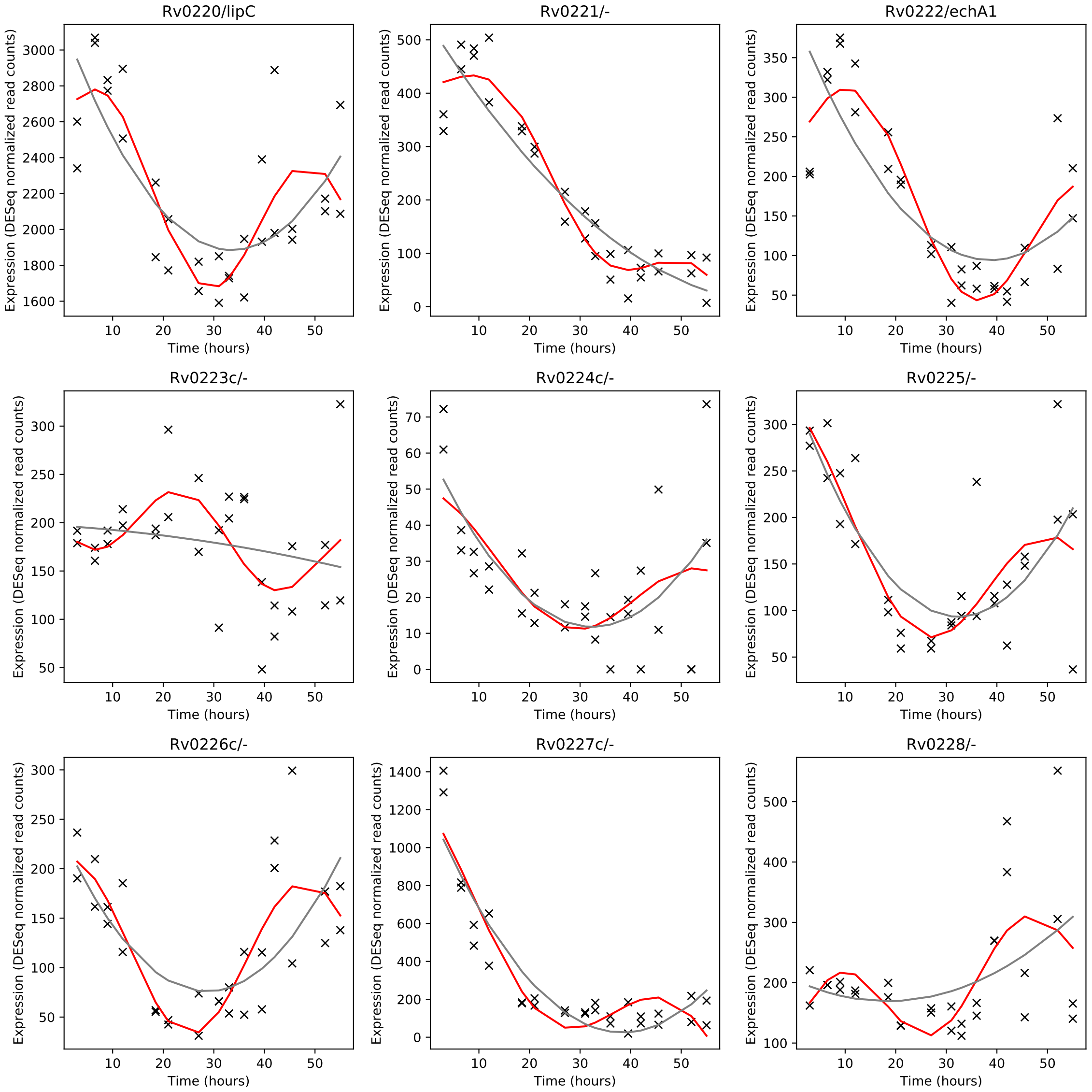

Rv0199/-
Expression (DESeq normalized read counts)
Time (hours)

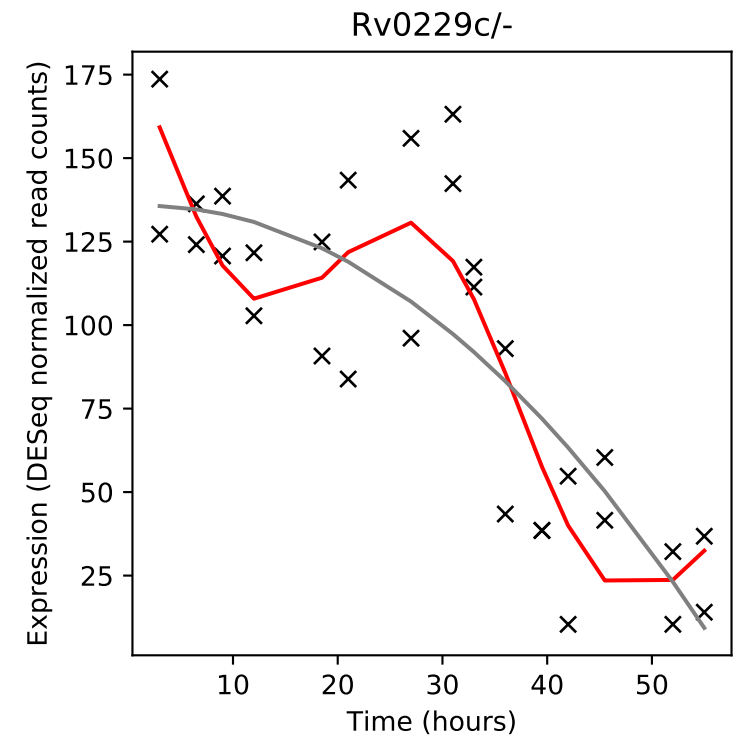

Rv0200/-
Expression (DESeq normalized read counts)
Time (hours)

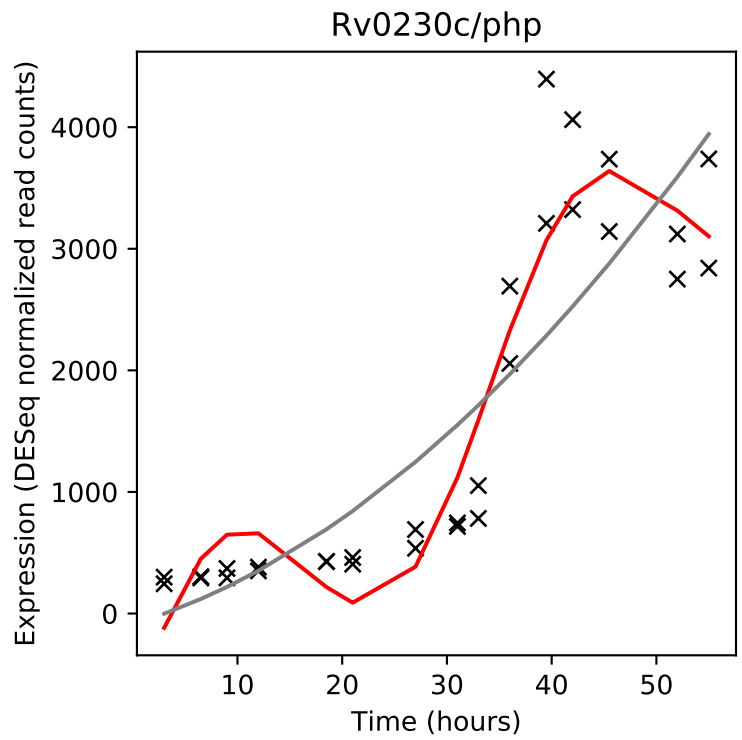

Rv0201c/-
Expression (DESeq normalized read counts)
Time (hours)

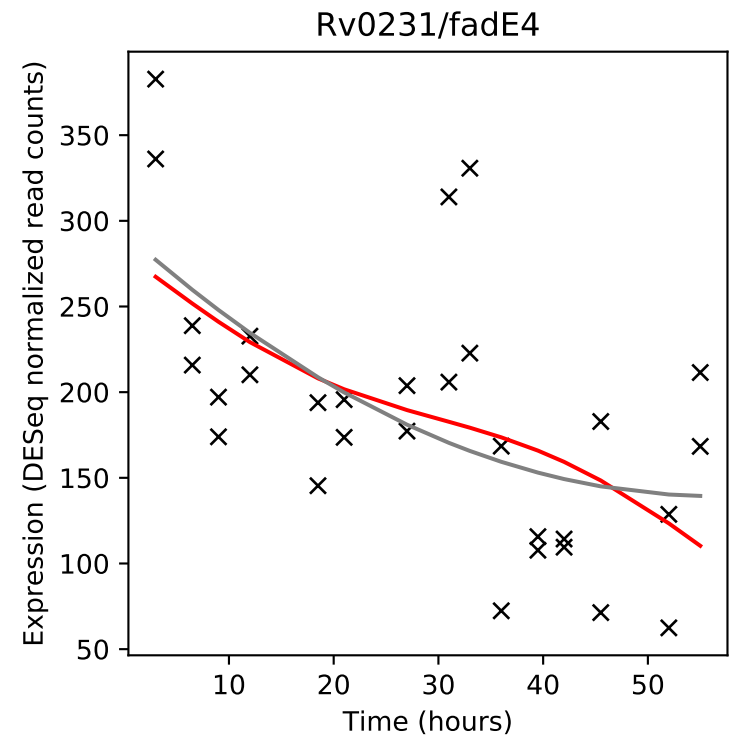

Rv0202c/mmpL11
Rv0203/-
Rv0204c/-
Rv0205/-
Rv0206c/mmpL3
Rv0207c/-
Rv0208c/-
Rv0209/-
Rv0210/-
Expression (DESeq normalized read counts)
Time (hours)

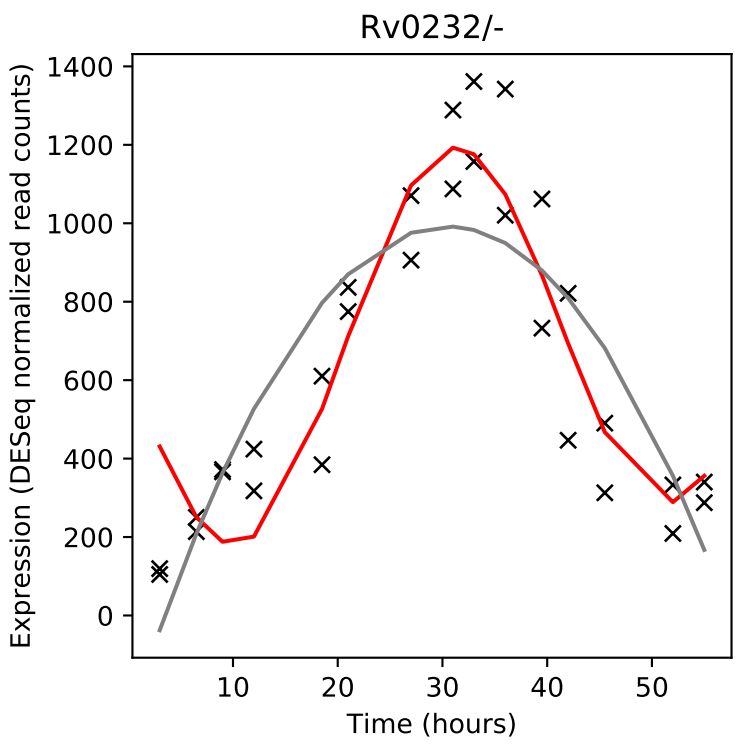

Rv0211/pckA
Rv0212c/nadR
Rv0213c/-
Rv0214/fadD4
Rv0215c/fadE3
Rv0216/-
Rv0217c/lipW
Rv0218/-
Rv0219/-
Expression (DESeq normalized read counts)
Time (hours)

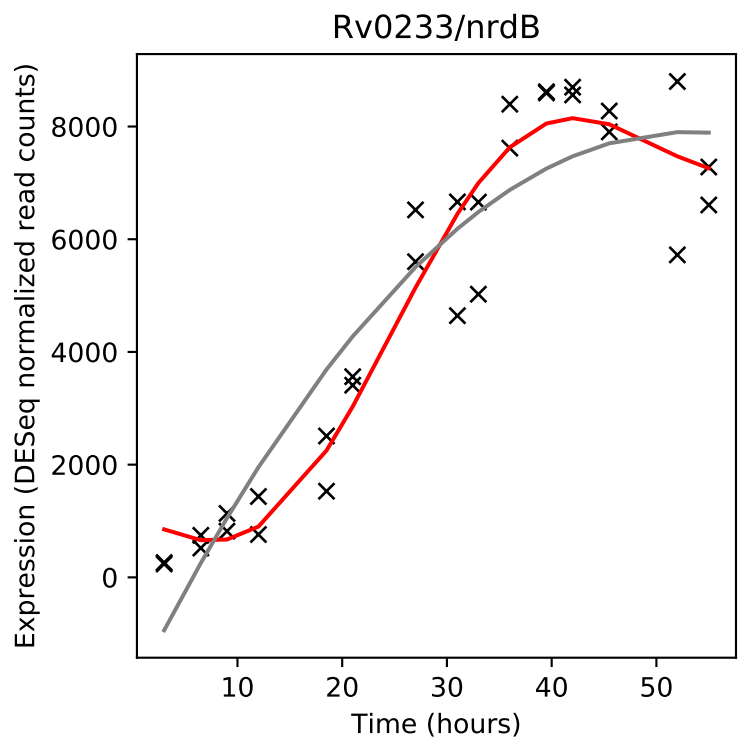

Rv0220/lipC
Rv0221/-
Rv0222/echA1
Rv0223c/-
Rv0224c/-
Rv0225/-
Rv0226c/-
Rv0227c/-
Rv0228/-
Expression (DESeq normalized read counts)
Time (hours)

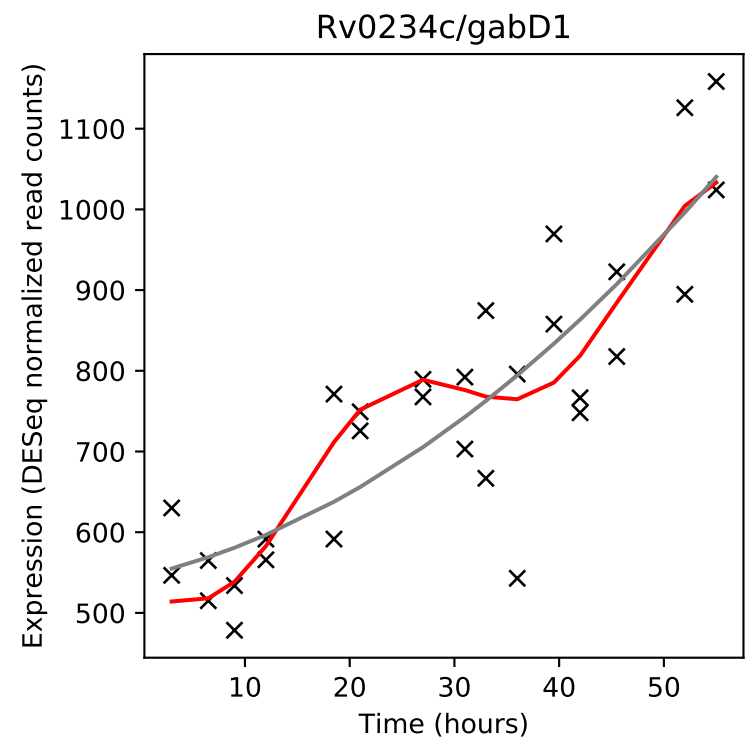

Rv0229c/-
Expression (DESeq normalized read counts)
Time (hours)

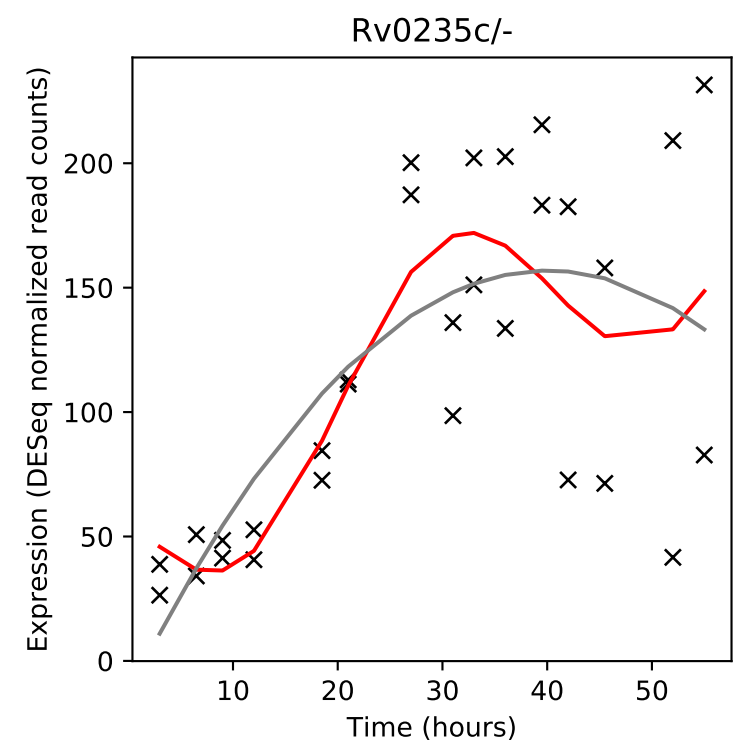

Rv0230c/php
Expression (DESeq normalized read counts)
Time (hours)

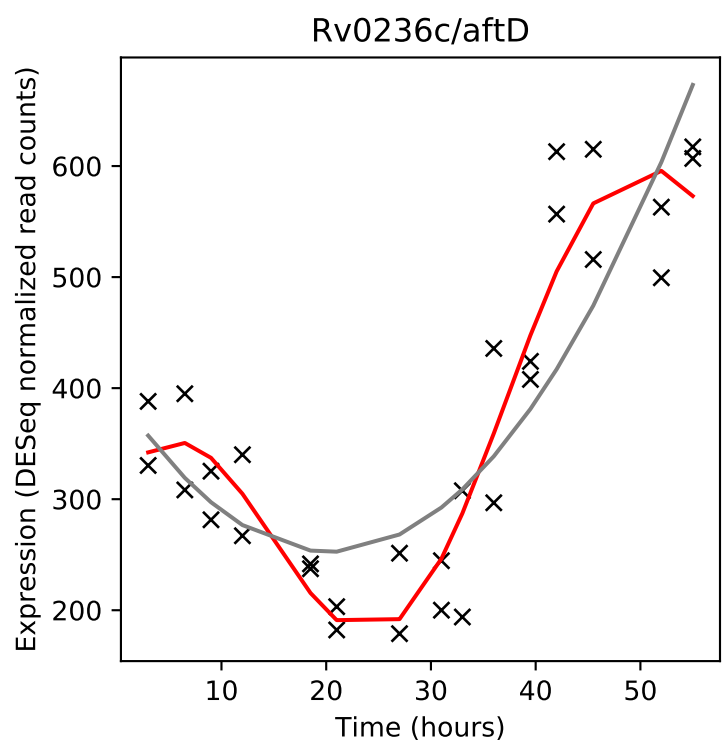

Rv0231/fadE4
Expression (DESeq normalized read counts)
Time (hours)

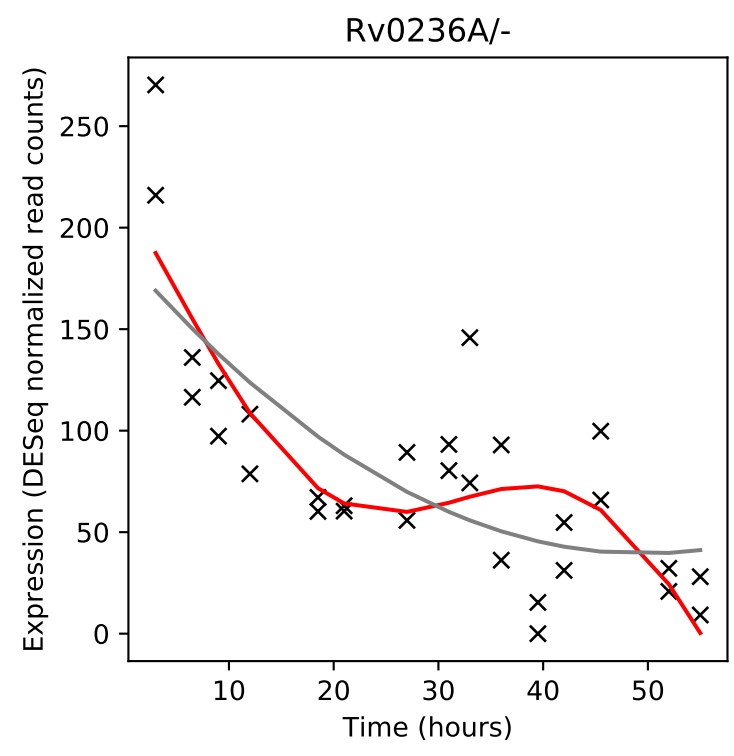

Rv0232/-
Expression (DESeq normalized read counts)
Time (hours)

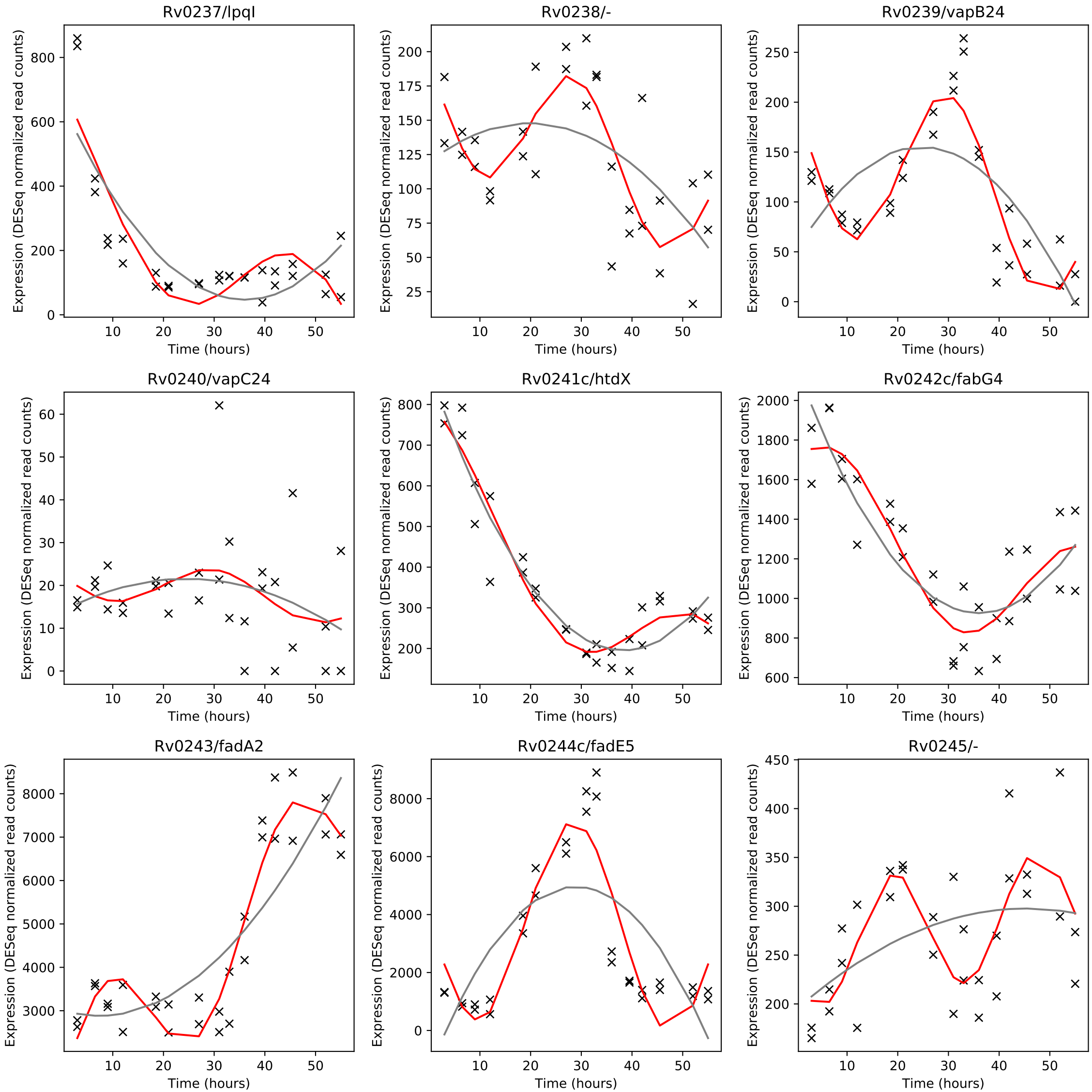

Rv0233/nrdB
Expression (DESeq normalized read counts)
Time (hours)

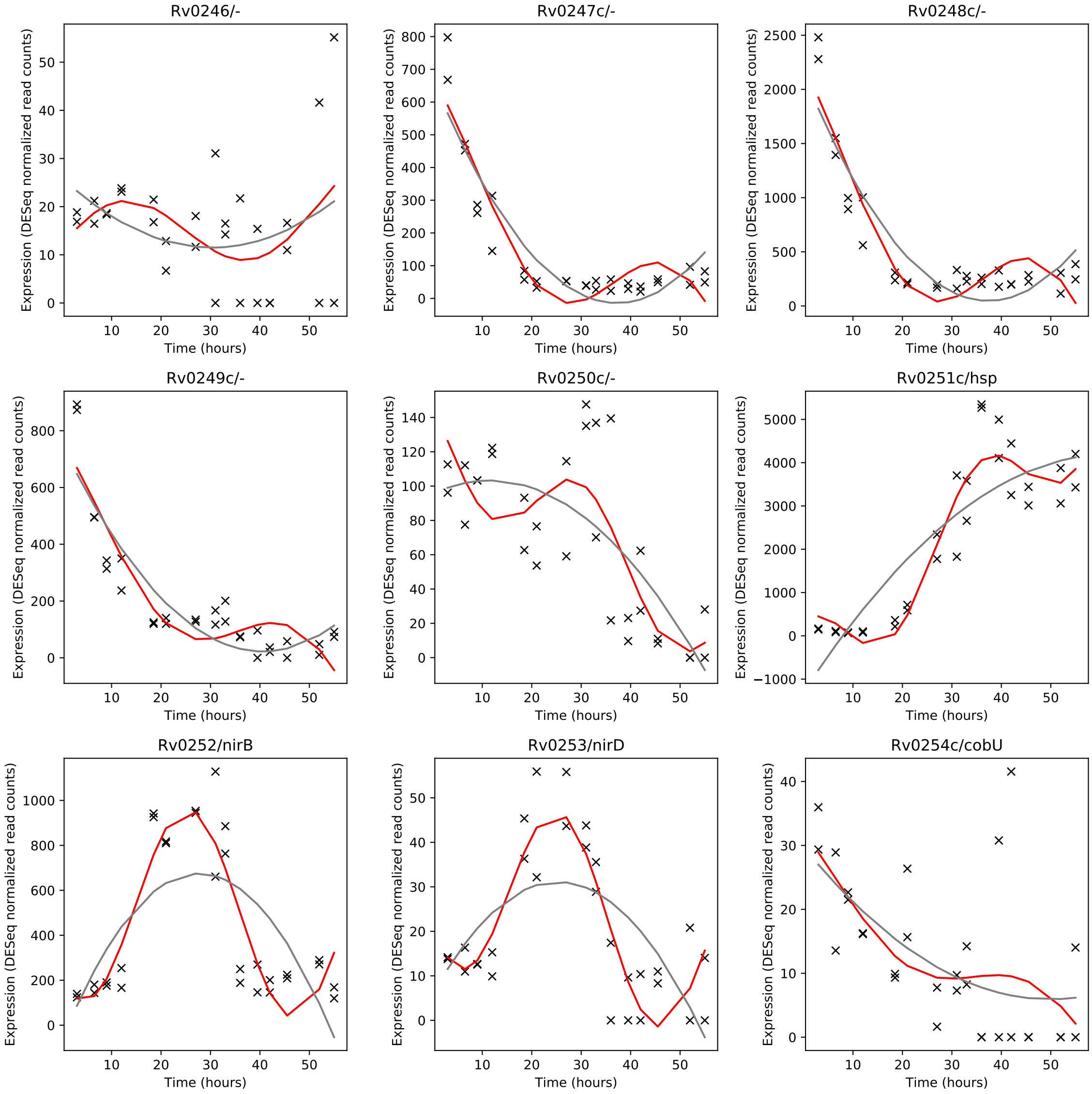

Rv0234c/gabD1
Expression (DESeq normalized read counts)
Time (hours)

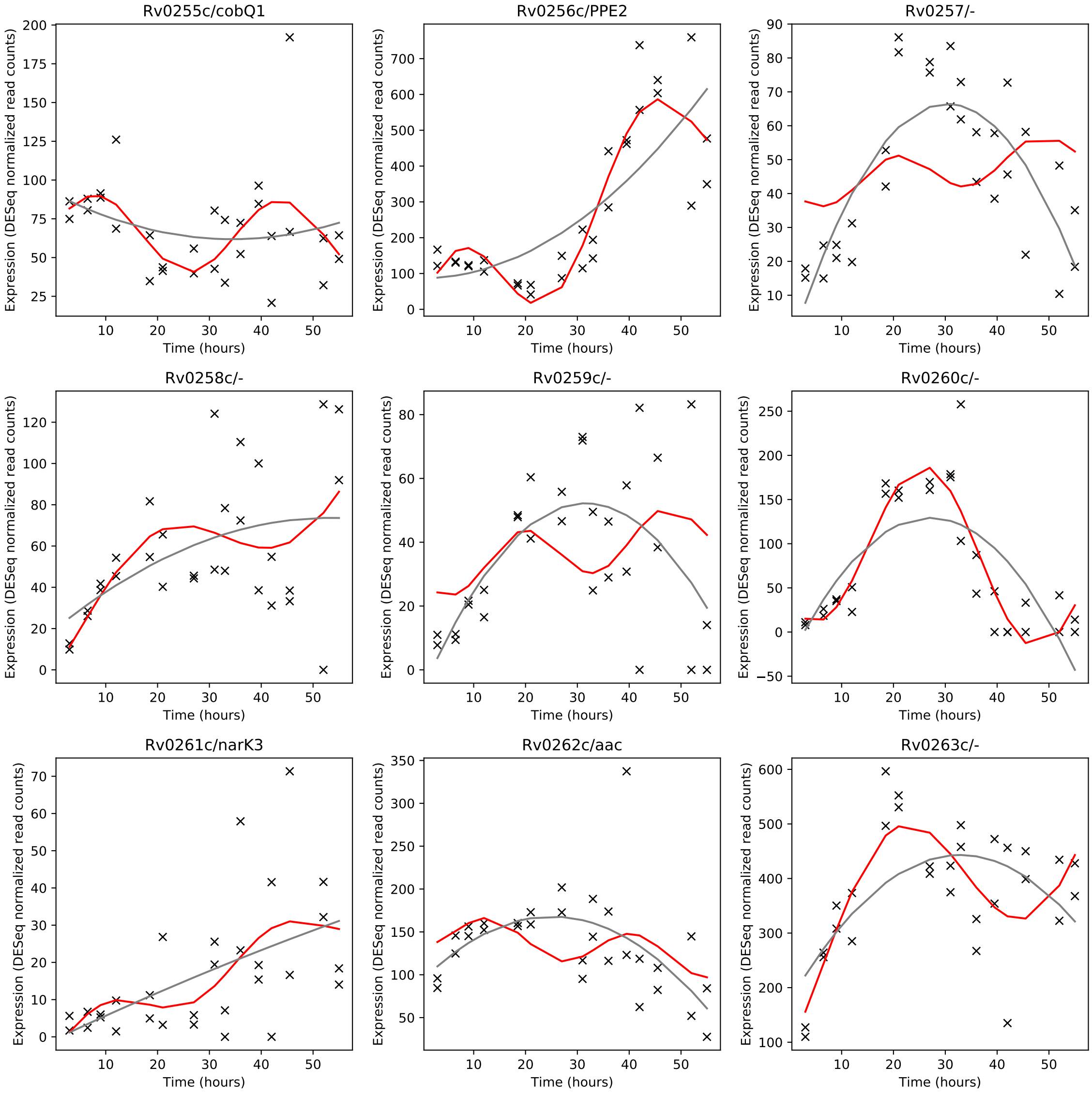

Rv0235c/-
Expression (DESeq normalized read counts)
Time (hours)

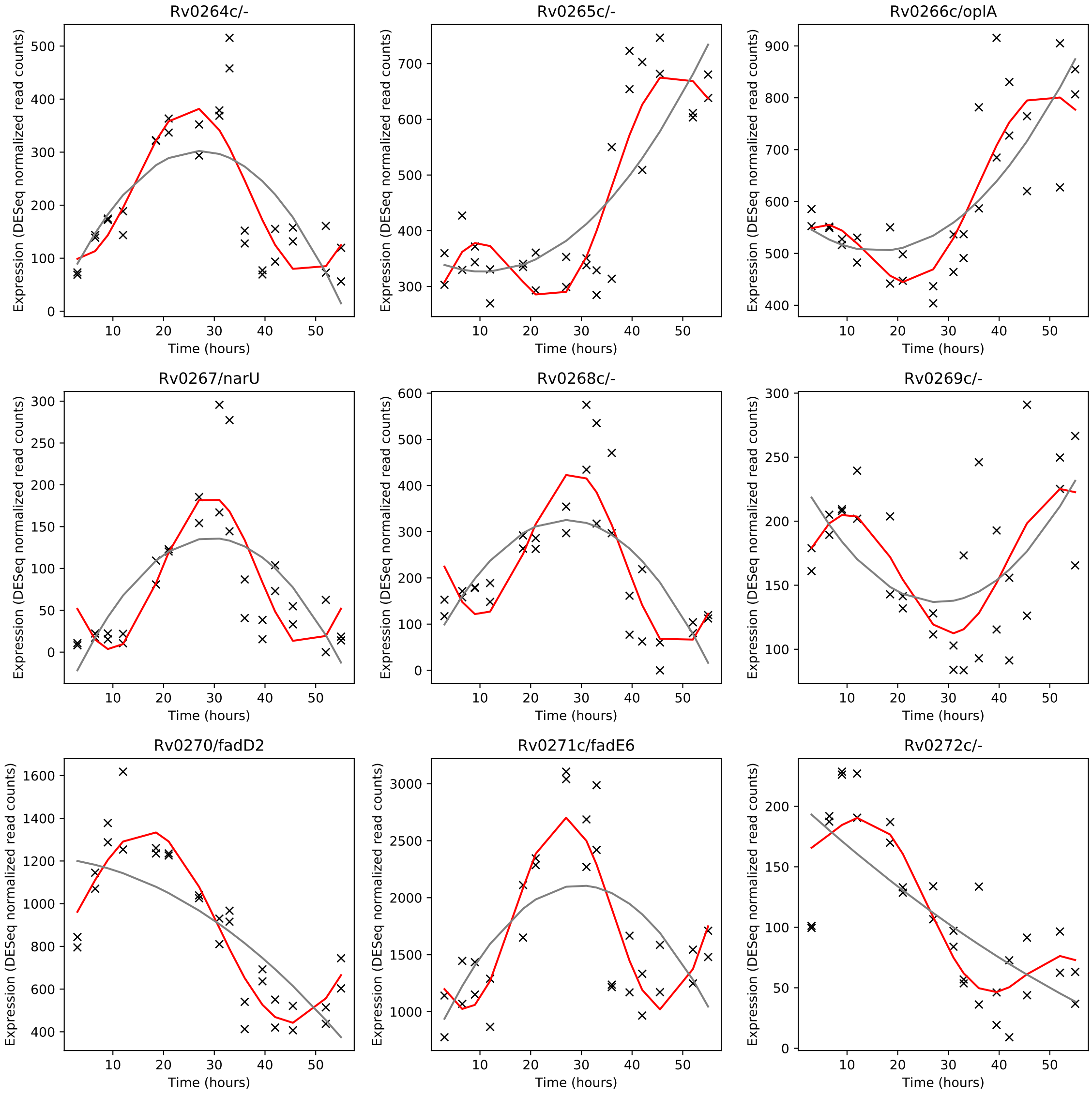

Rv0236c/aftD
Expression (DESeq normalized read counts)
Time (hours)

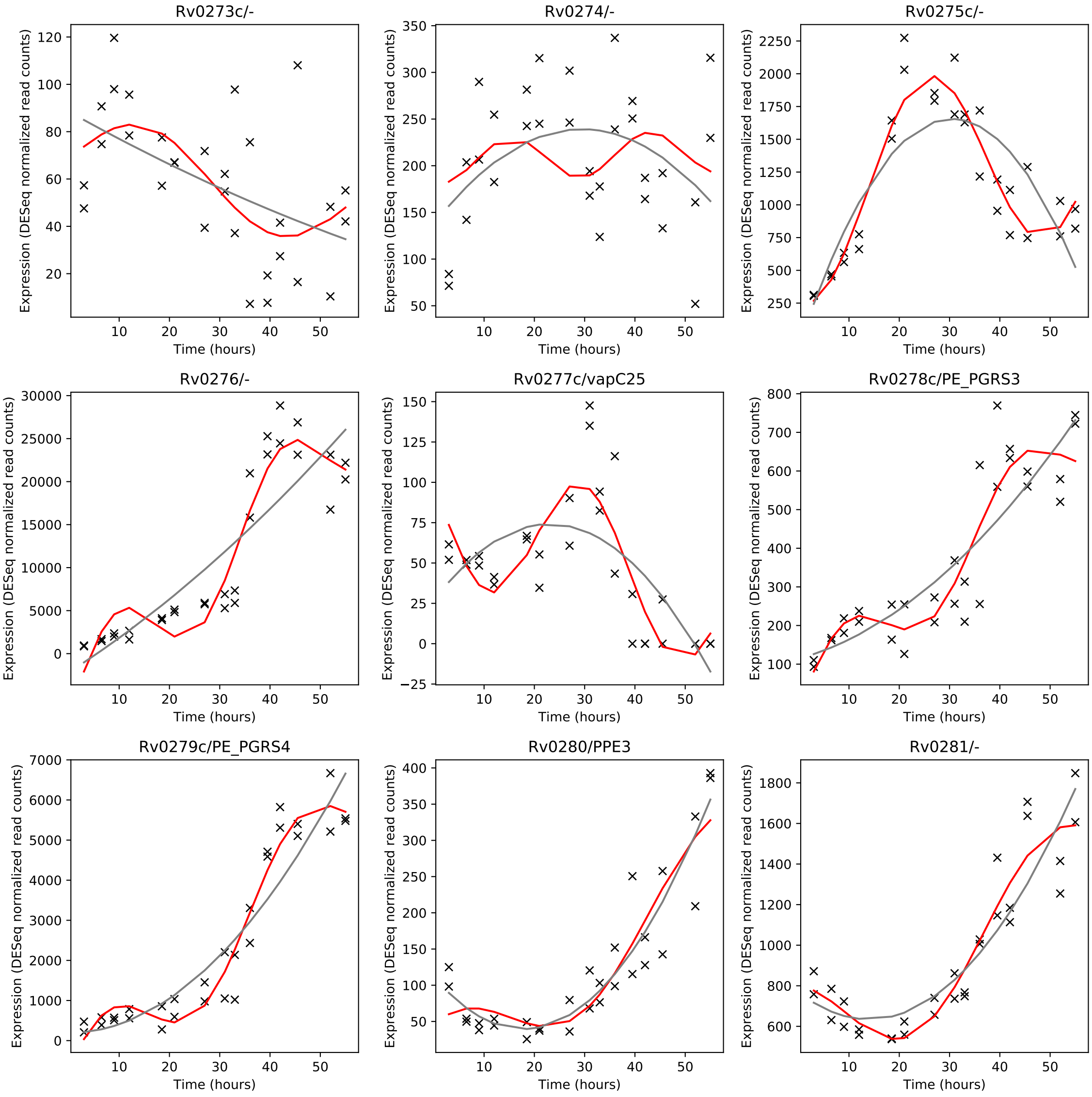

Rv0236A/-
Expression (DESeq normalized read counts)
Time (hours)

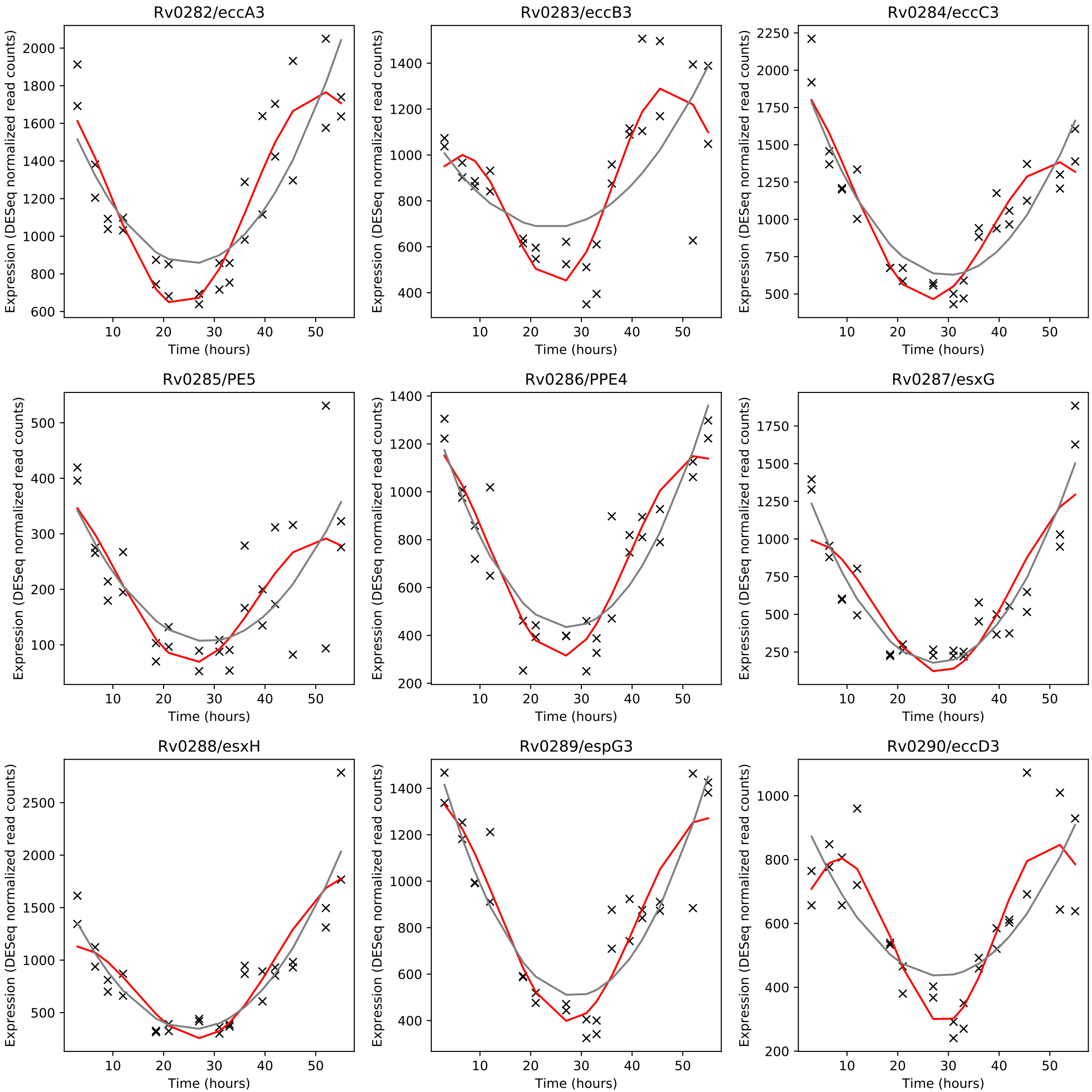

Rv0237/lpqI
Rv0238/-
Rv0239/vapB24
Rv0240/vapC24
Rv0241c/htdX
Rv0242c/fabG4
Rv0243/fadA2
Rv0244c/fadE5
Rv0245/-
Expression (DESeq normalized read counts)
Time (hours)

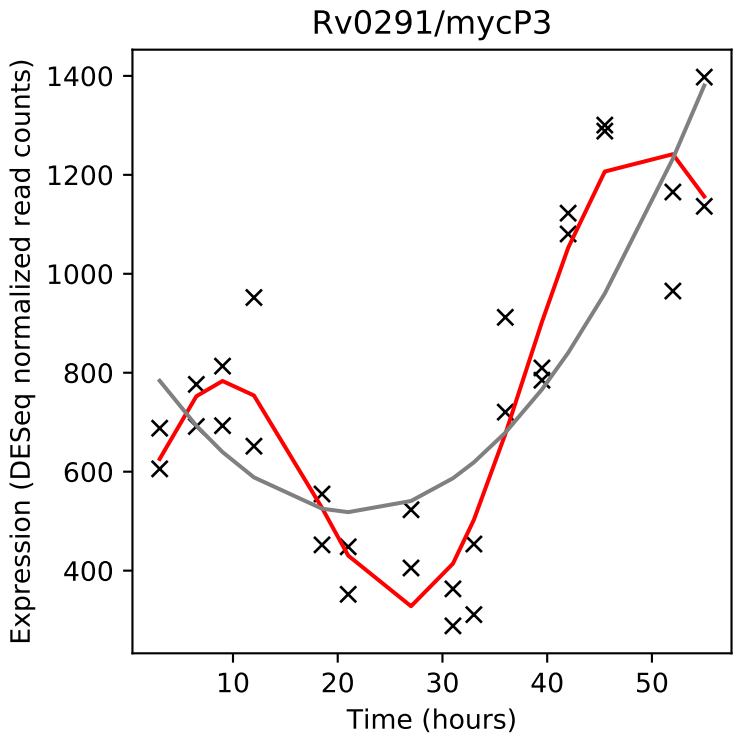

Rv0246/-
Rv0247c/-
Rv0248c/-
Rv0249c/-
Rv0250c/-
Rv0251c/hsp
Rv0252/nirB
Rv0253/nirD
Rv0254c/cobU
Expression (DESeq normalized read counts)
Time (hours)

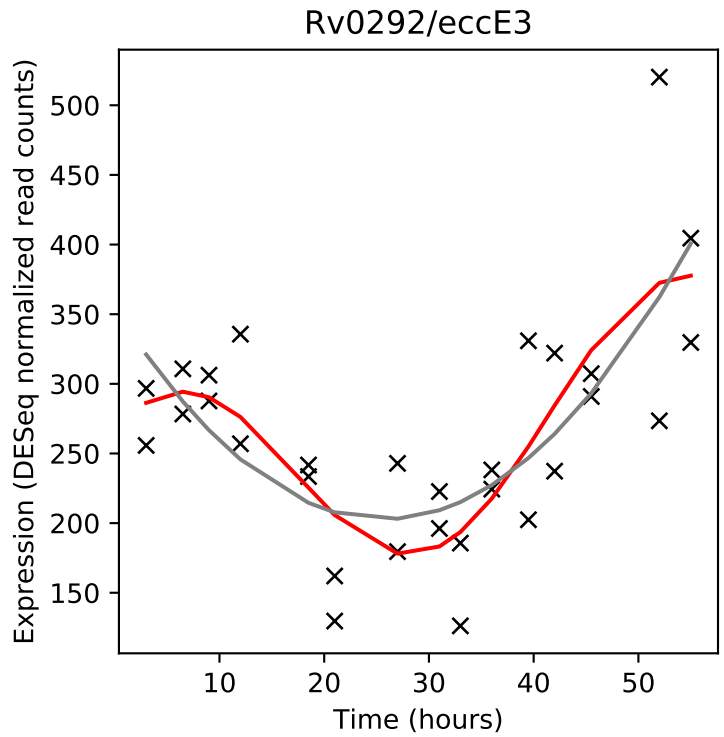

Rv0255c/cobQ1
Rv0256c/PPE2
Rv0257/-
Rv0258c/-
Rv0259c/-
Rv0260c/-
Rv0261c/narK3
Rv0262c/aac
Rv0263c/-
Expression (DESeq normalized read counts)
Time (hours)

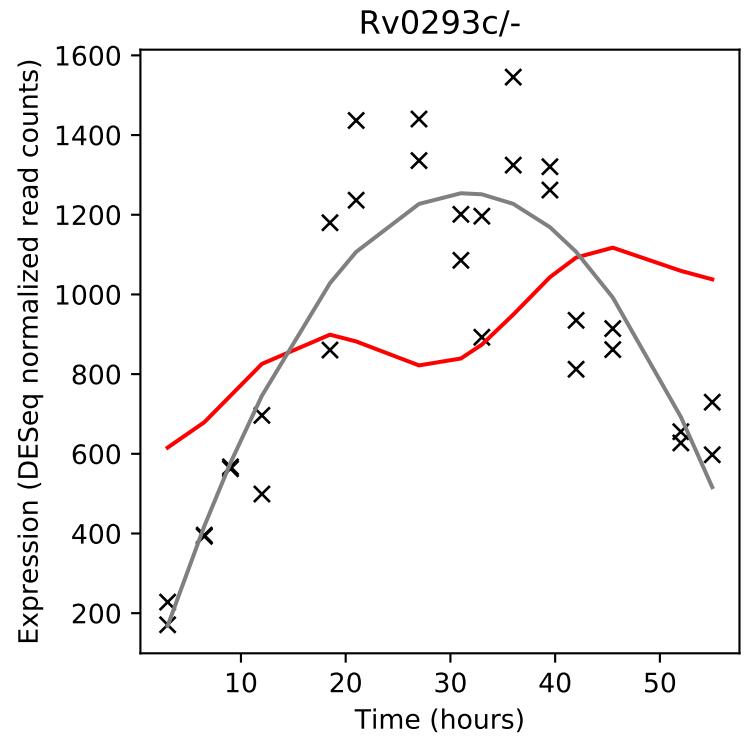

Rv0264c/-
Rv0265c/-
Rv0266c/oplA
Rv0267/narU
Rv0268c/-
Rv0269c/-
Rv0270/fadD2
Rv0271c/fadE6
Rv0272c/-
Expression (DESeq normalized read counts)
Time (hours)

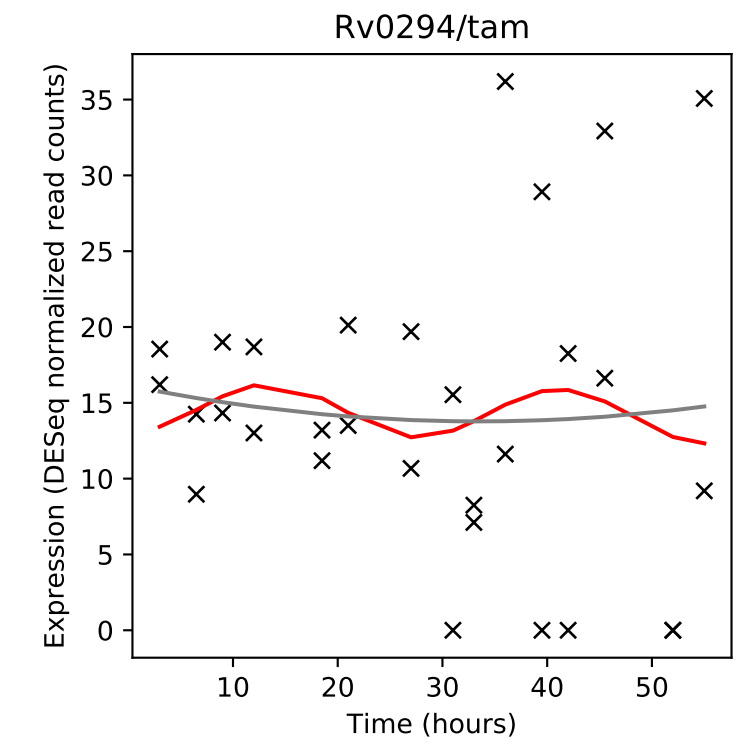

Rv0273c/-
Rv0274/-
Rv0275c/-
Rv0276/-
Rv0277c/vapC25
Rv0278c/PE_PGRS3
Rv0279c/PE_PGRS4
Rv0280/PPE3
Rv0281/-
Expression (DESeq normalized read counts)
Time (hours)

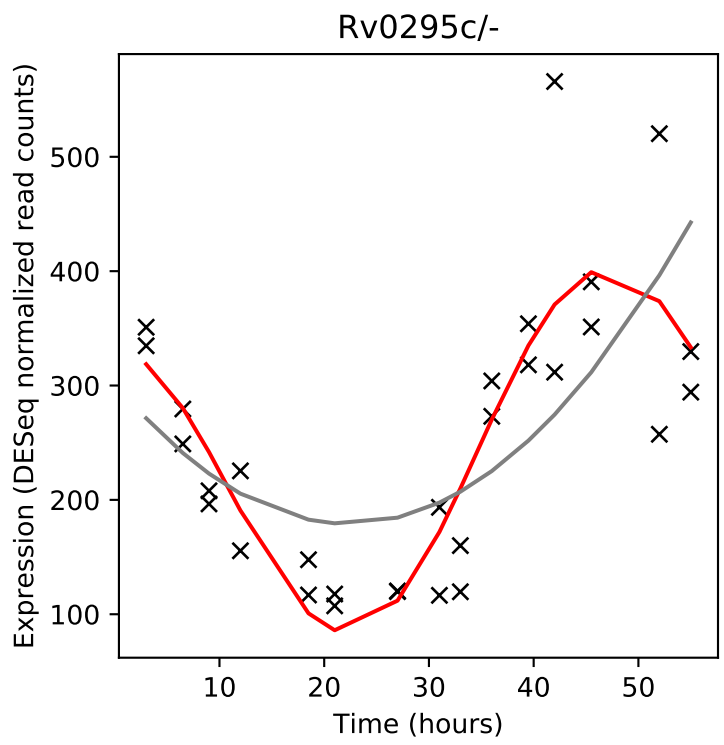

Rv0282/eccA3
Rv0283/eccB3
Rv0284/eccC3
Rv0285/PE5
Rv0286/PPE4
Rv0287/esxG
Rv0288/esxH
Rv0289/espG3
Rv0290/eccD3
Expression (DESeq normalized read counts)
Time (hours)

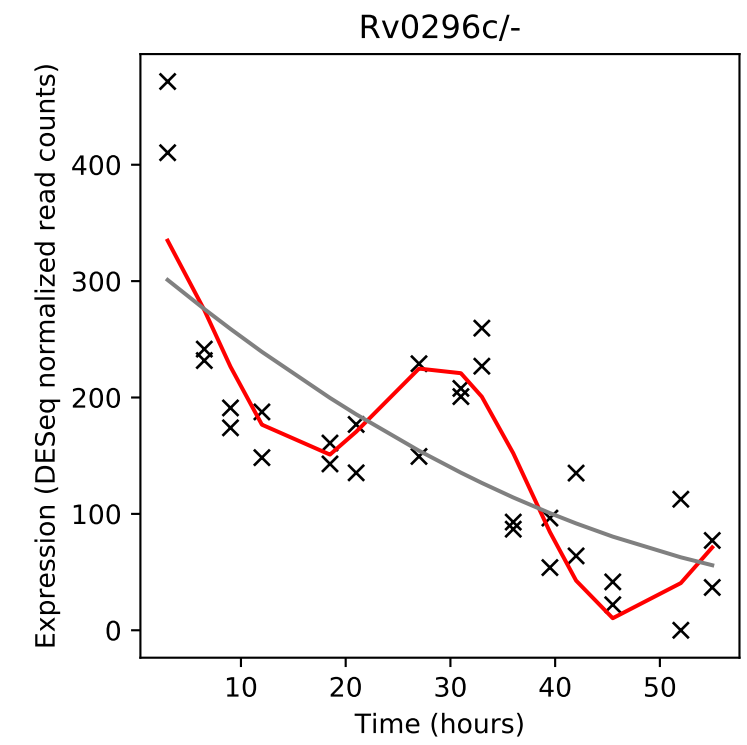

Rv0291/mycP3
Expression (DESeq normalized read counts)
Time (hours)

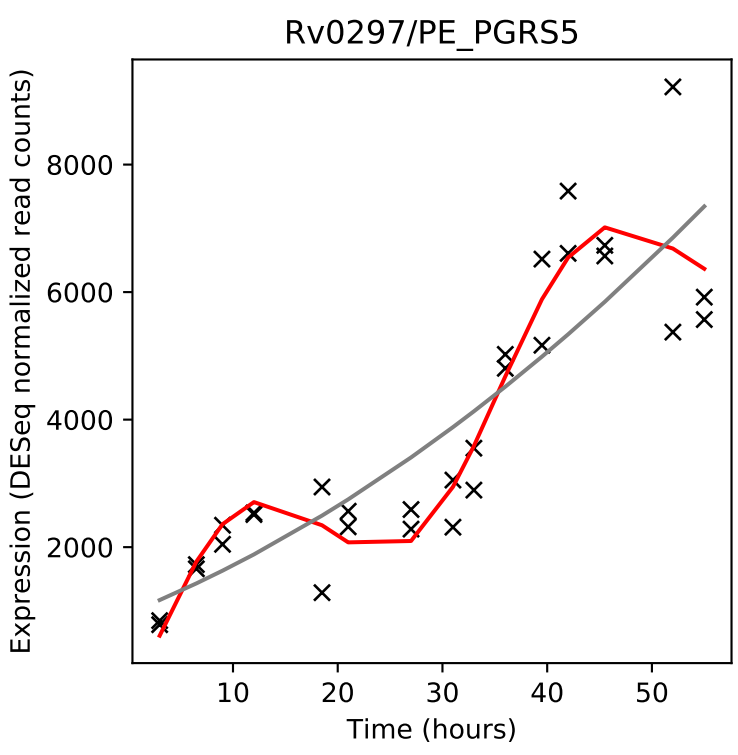

Rv0292/eccE3
Expression (DESeq normalized read counts)
Time (hours)

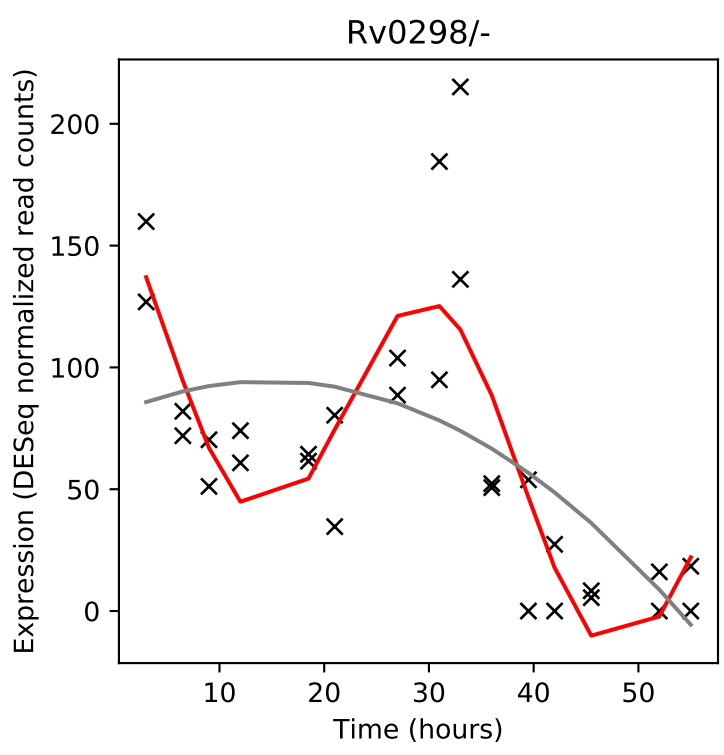

Rv0293c/-
Expression (DESeq normalized read counts)
Time (hours)

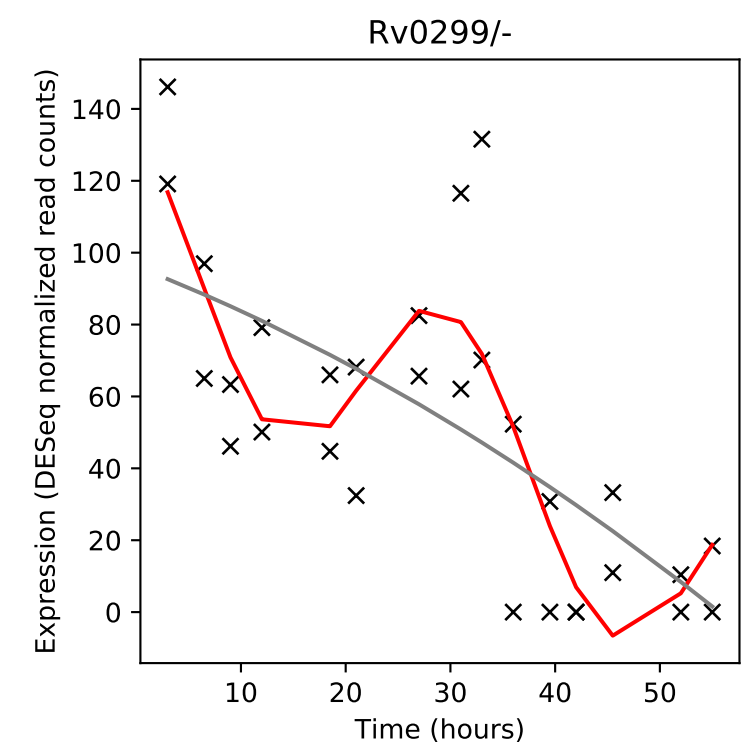

Rv0294/tam
Expression (DESeq normalized read counts)
Time (hours)

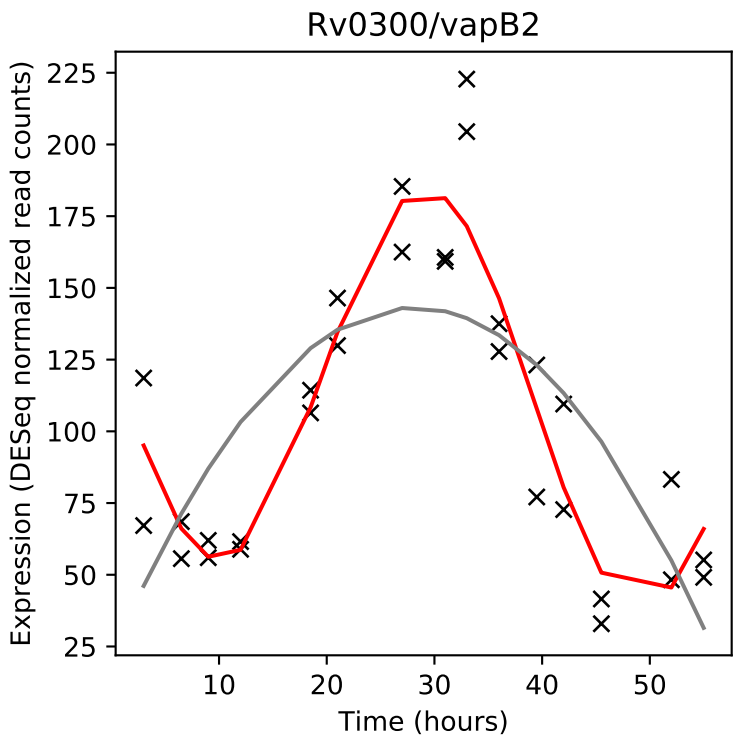

Rv0295c/-
Expression (DESeq normalized read counts)
Time (hours)

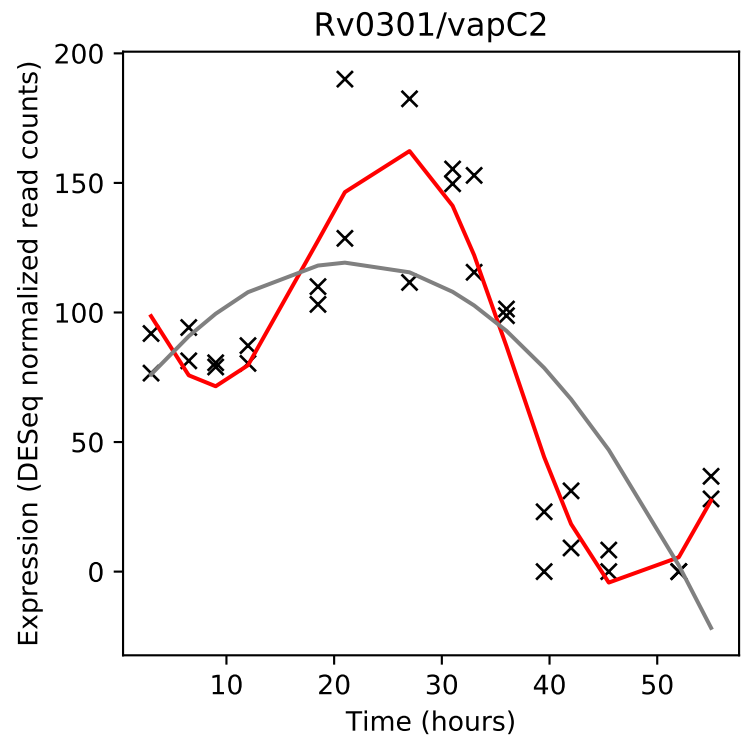

Rv0296c/-
Expression (DESeq normalized read counts)
Time (hours)

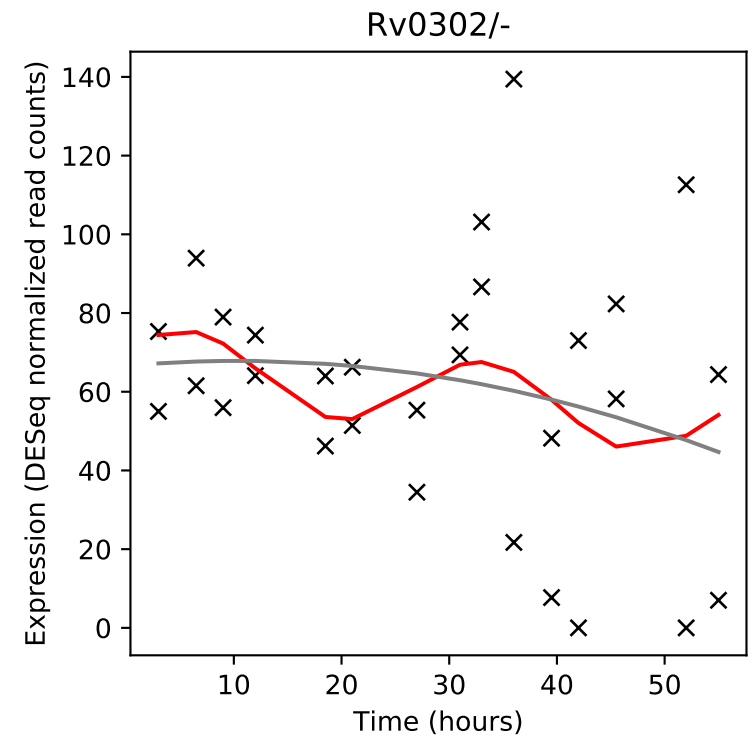

Rv0297/PE_PGRS5
Expression (DESeq normalized read counts)
Time (hours)

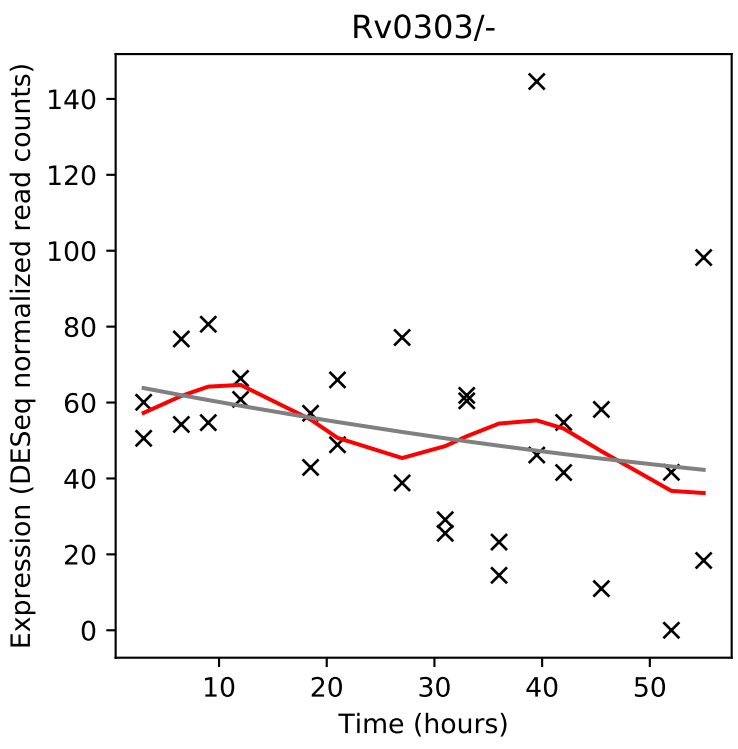

Rv0298/-
Expression (DESeq normalized read counts)
Time (hours)

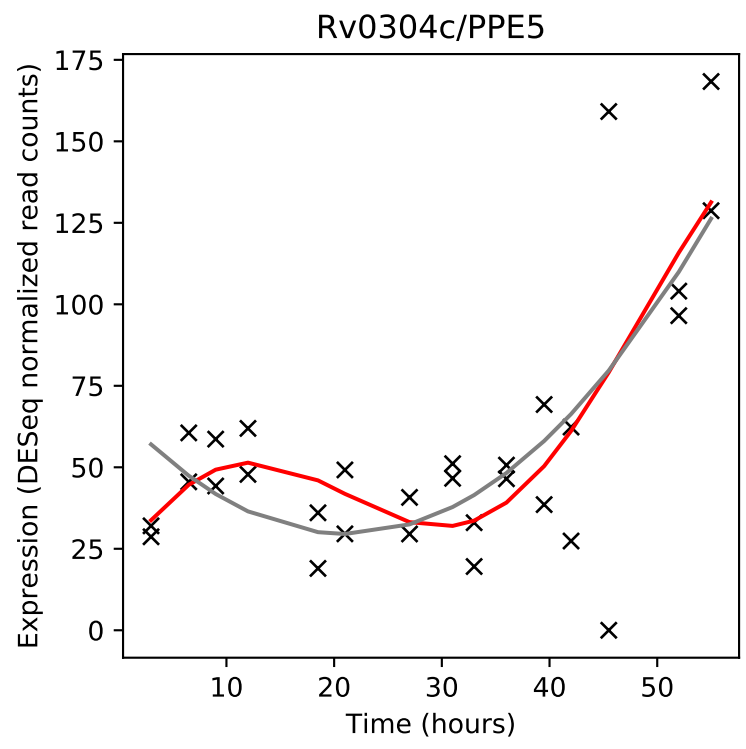

Rv0299/-
Expression (DESeq normalized read counts)
Time (hours)

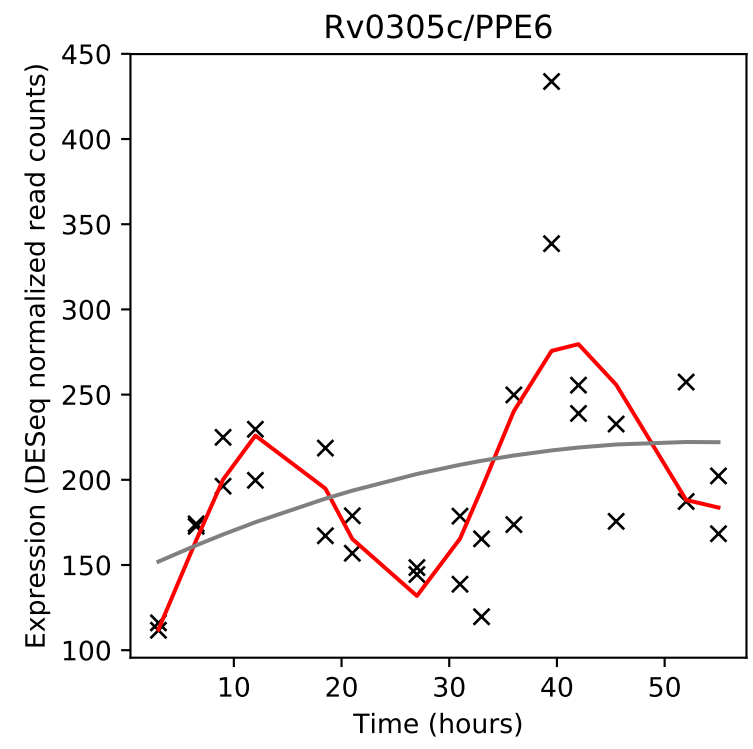

Rv0300/vapB2
Expression (DESeq normalized read counts)
Time (hours)

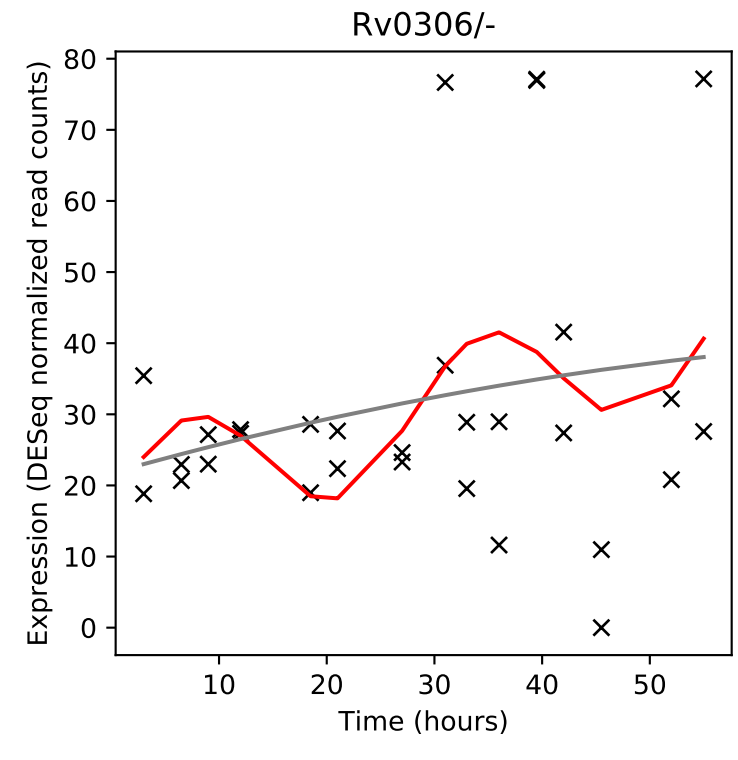

Rv0301/vapC2
Expression (DESeq normalized read counts)
Time (hours)

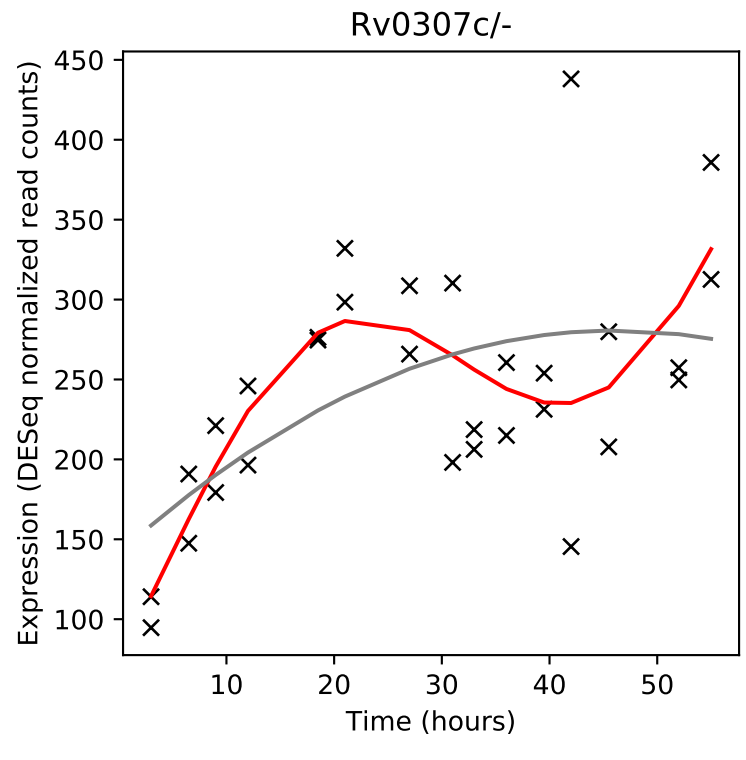

Rv0302/-
Expression (DESeq normalized read counts)
Time (hours)

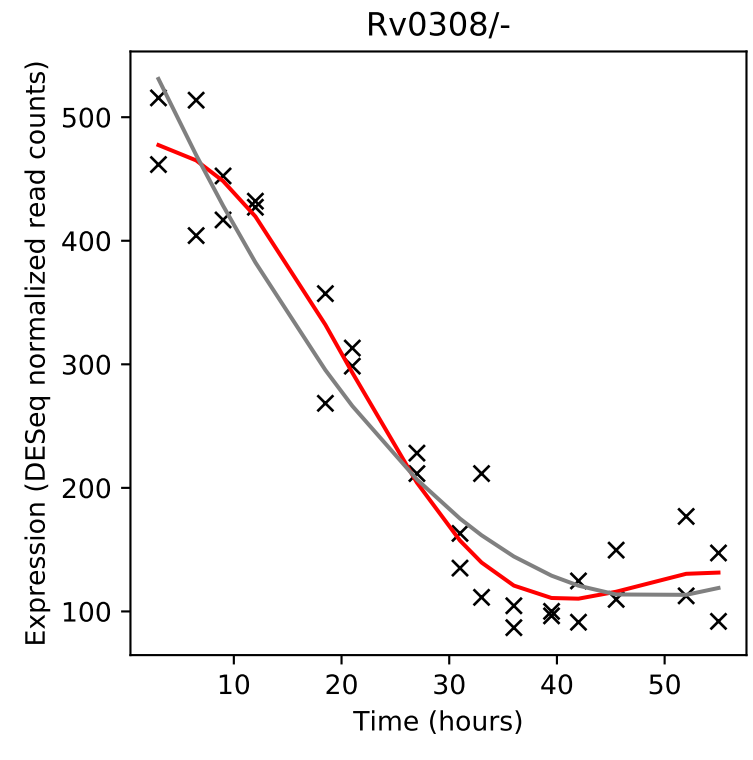

Rv0303/-
Expression (DESeq normalized read counts)
Time (hours)

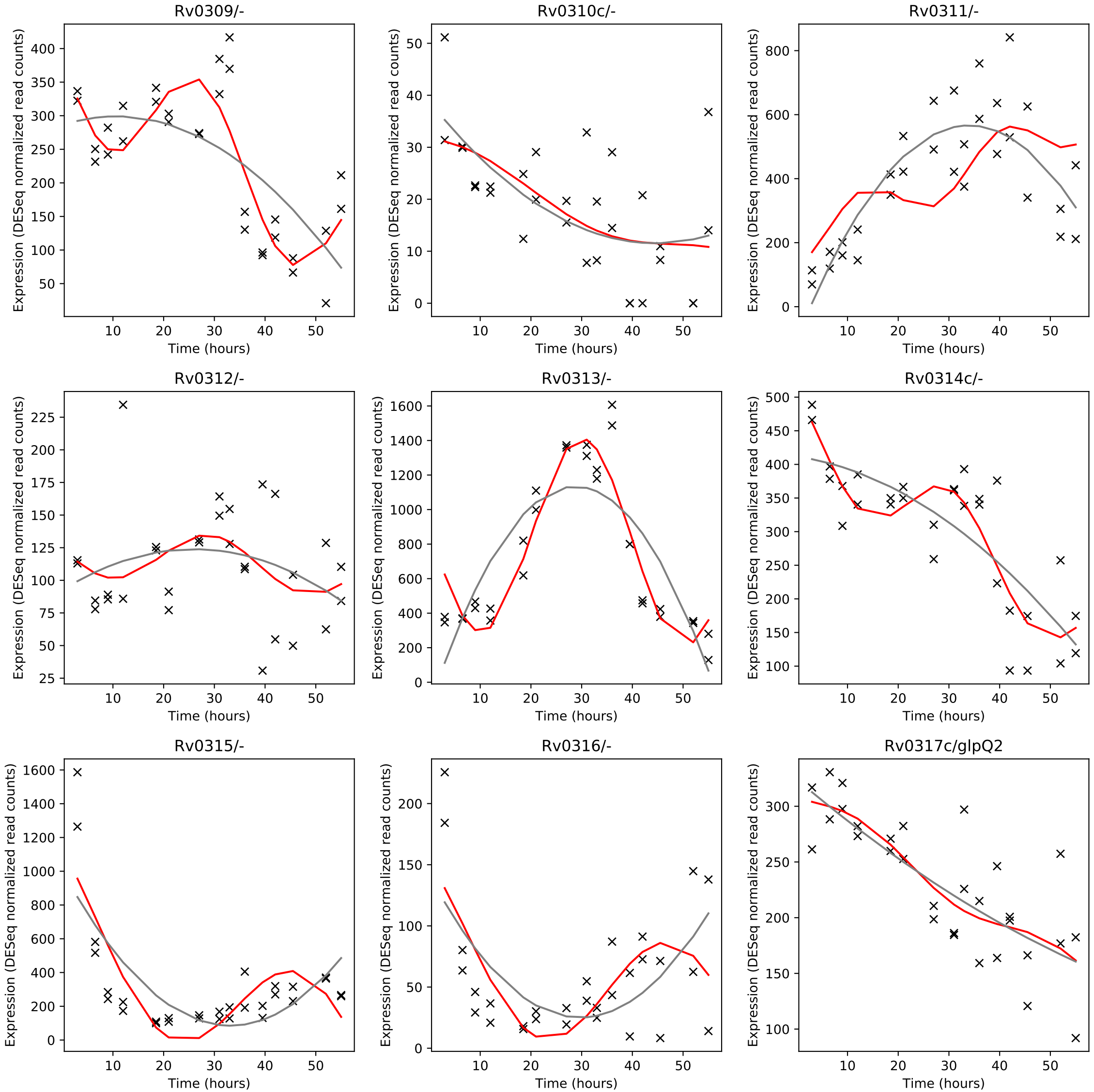

Rv0304c/PPE5
Expression (DESeq normalized read counts)
Time (hours)

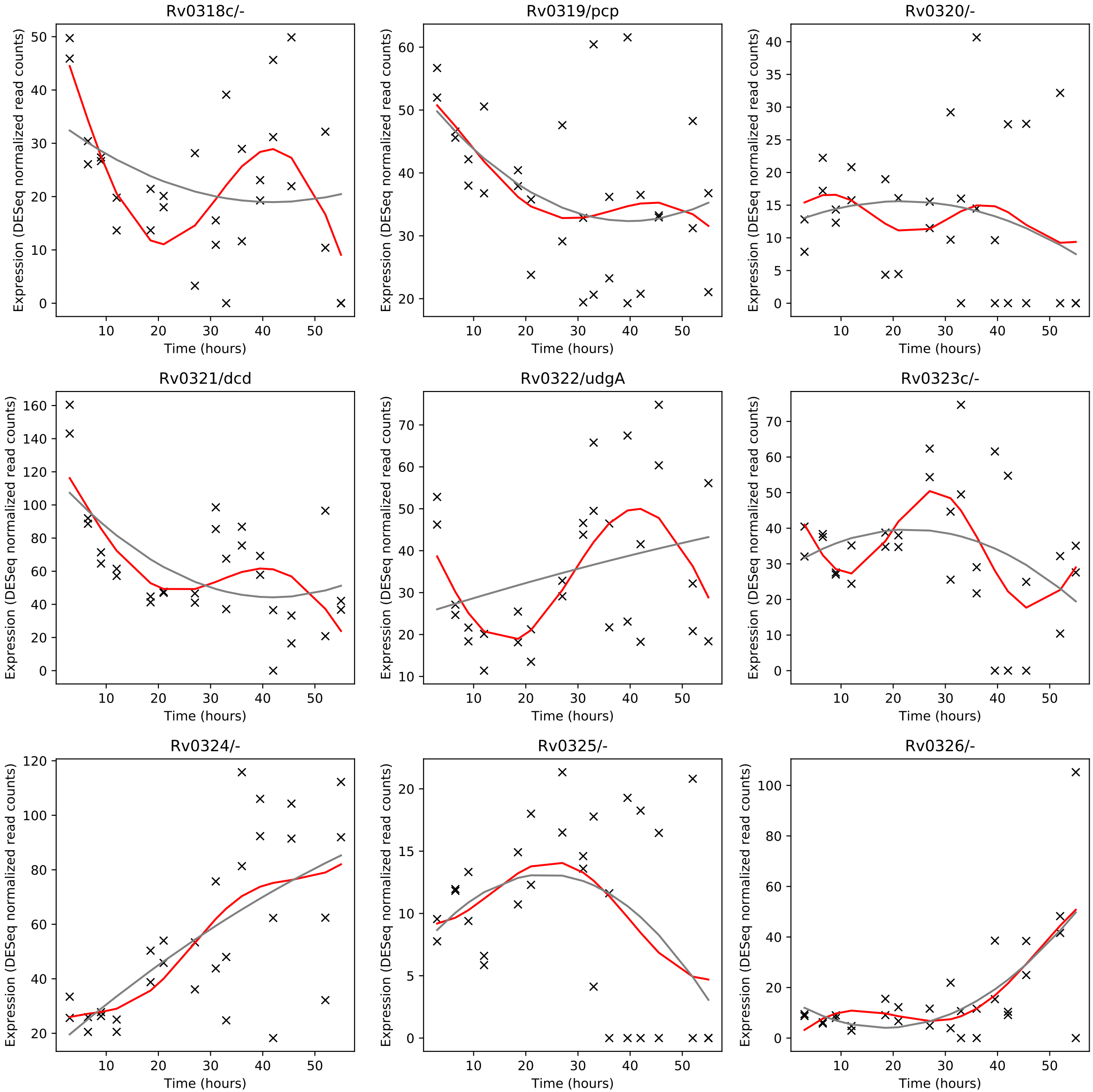

Rv0305c/PPE6
Expression (DESeq normalized read counts)
Time (hours)

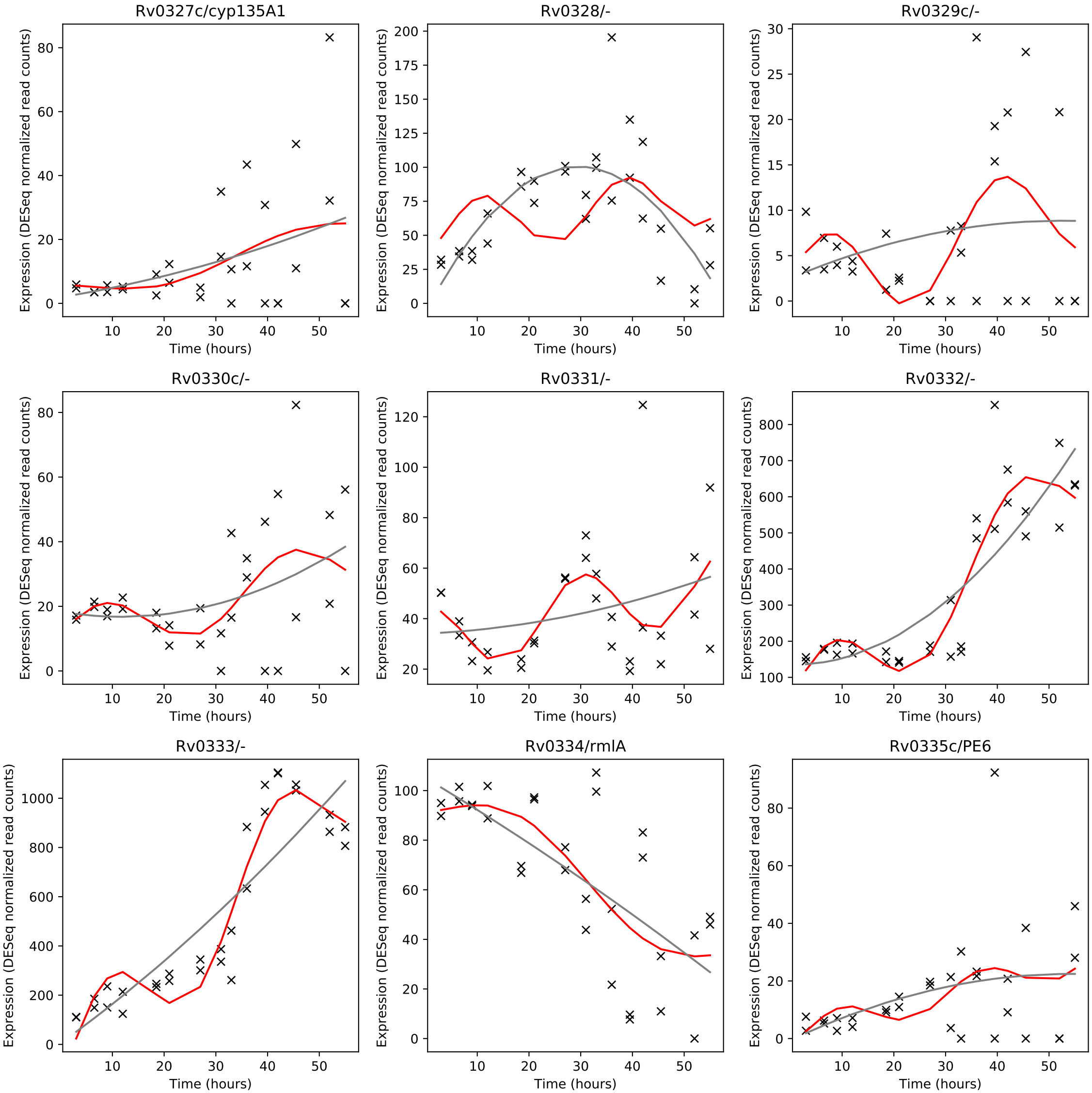

Rv0306/-
Expression (DESeq normalized read counts)
Time (hours)

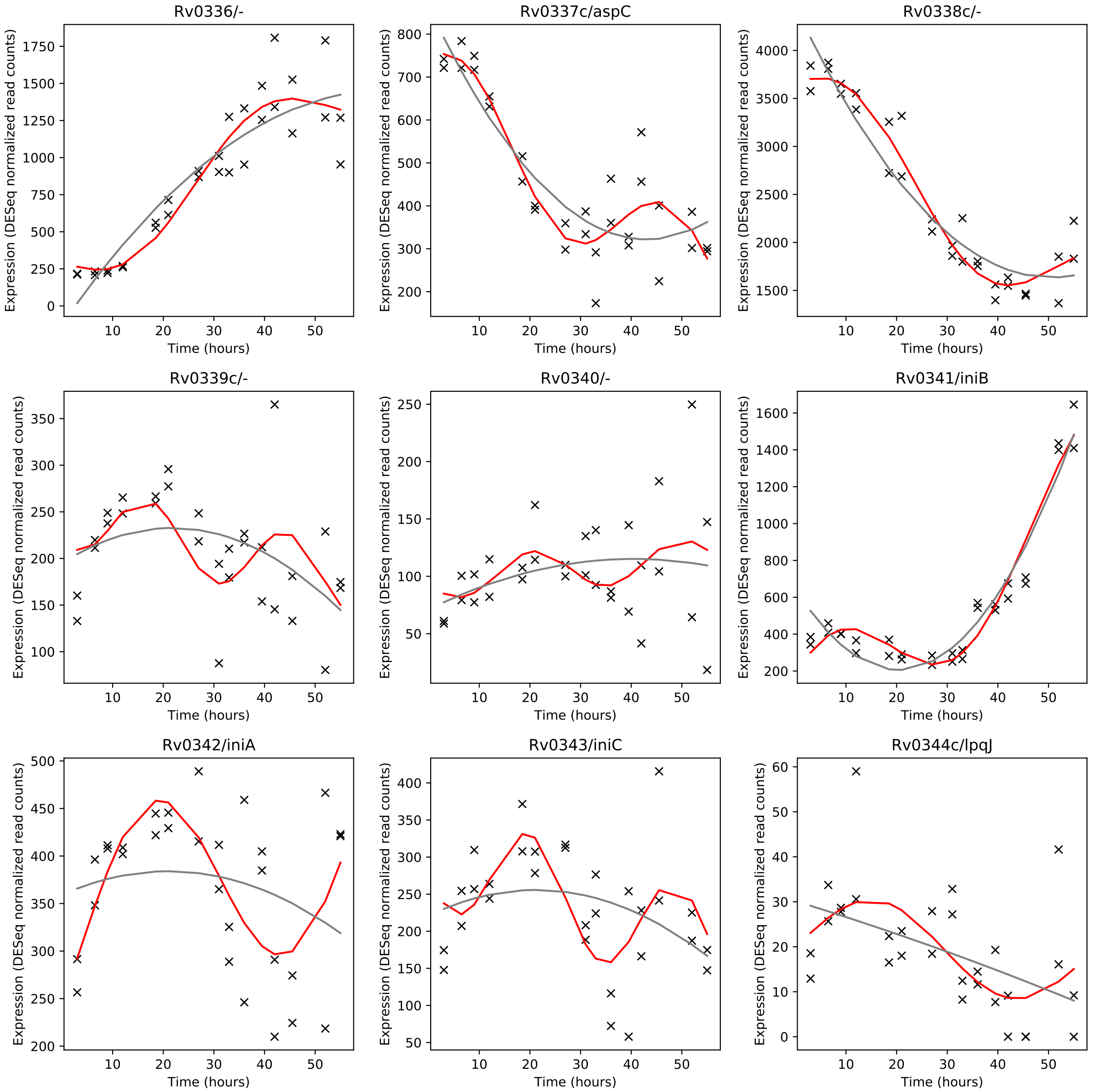

Rv0307c/-
Expression (DESeq normalized read counts)
Time (hours)

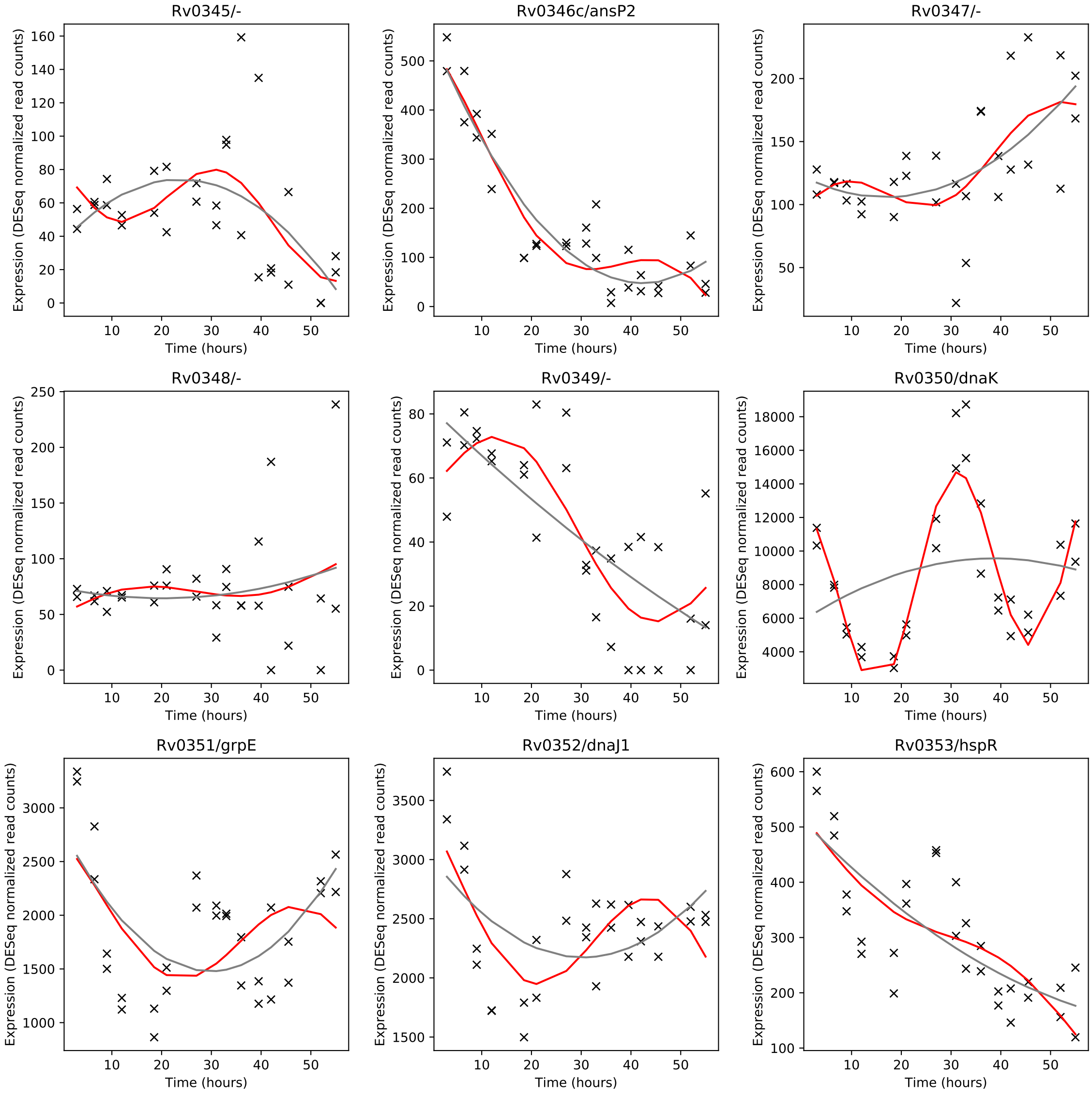

Rv0308/-
Expression (DESeq normalized read counts)
Time (hours)

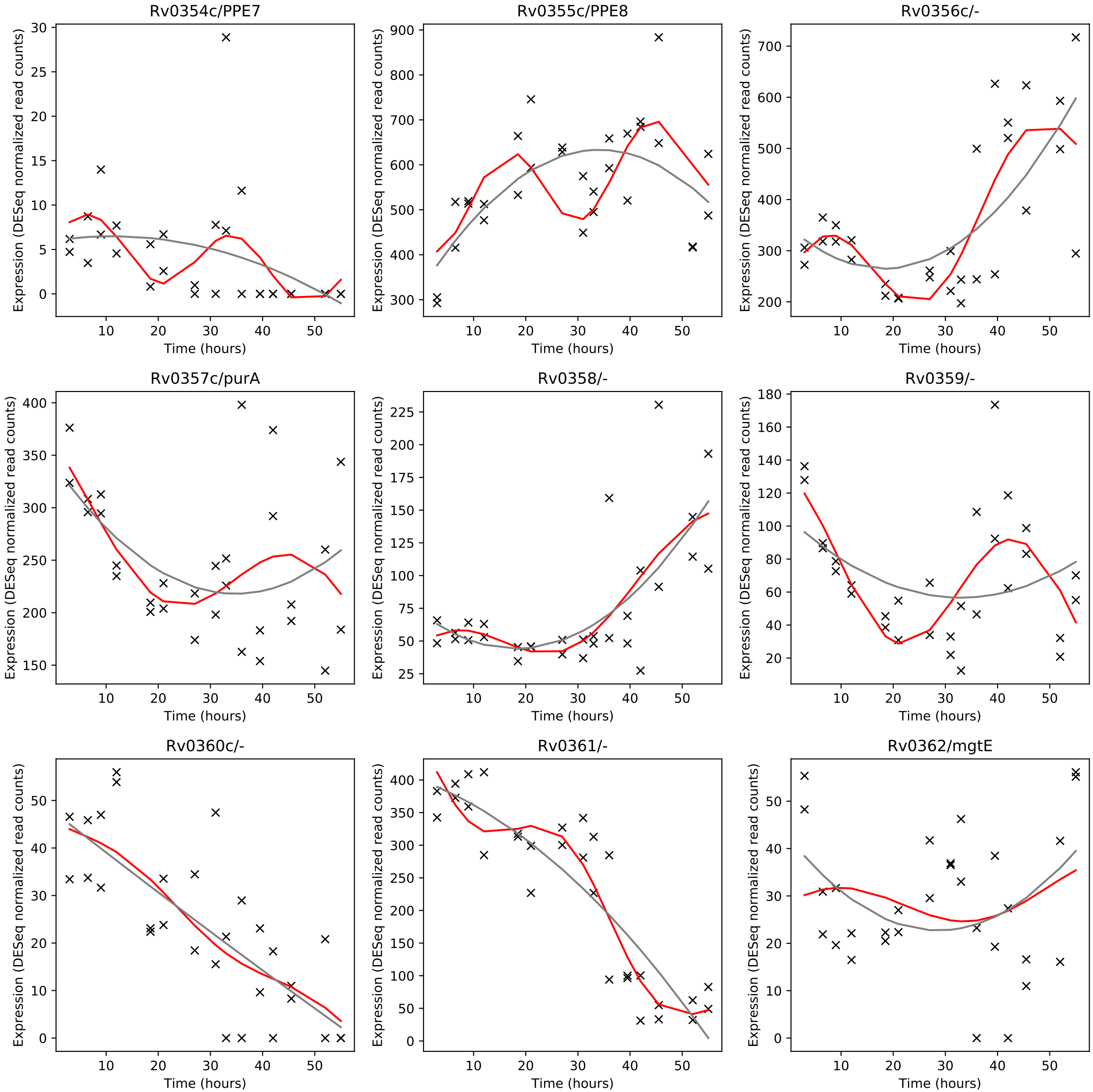

Rv0309/-
Rv0310c/-
Rv0311/-
Rv0312/-
Rv0313/-
Rv0314c/-
Rv0315/-
Rv0316/-
Rv0317c/glpQ2
Expression (DESeq normalized read counts)
Time (hours)

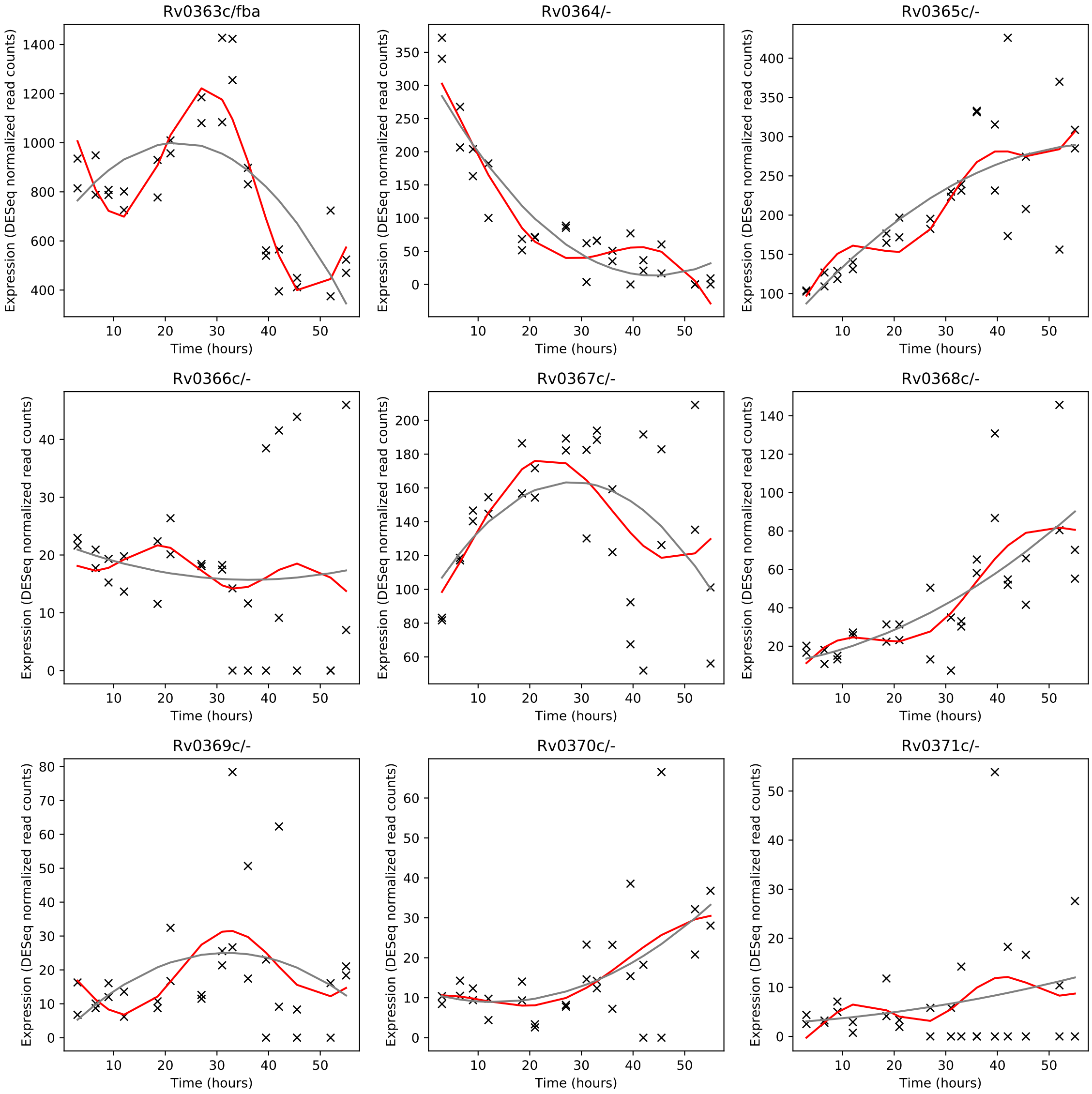

Rv0318c/-
Rv0319/pcp
Rv0320/-
Rv0321/dcd
Rv0322/udgA
Rv0323c/-
Rv0324/-
Rv0325/-
Rv0326/-
Expression (DESeq normalized read counts)
Time (hours)

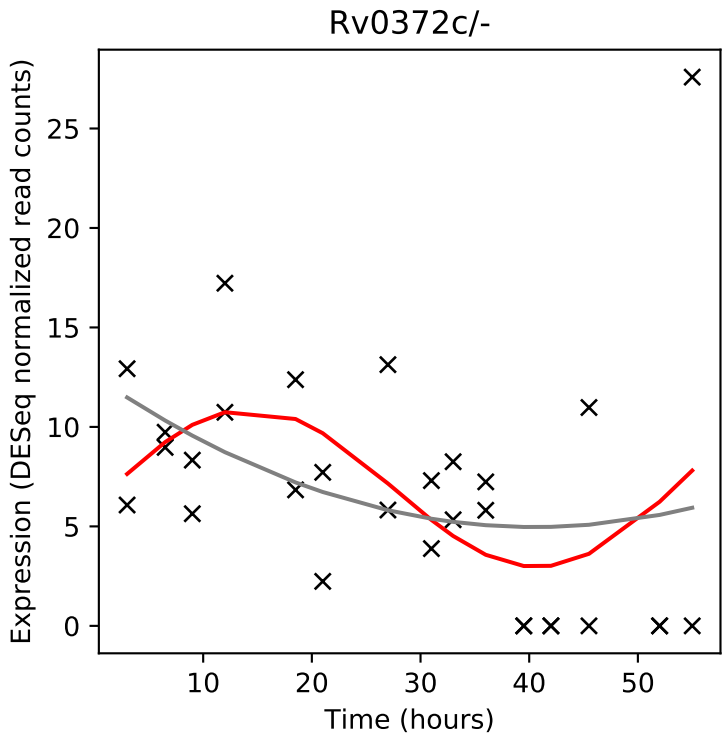

Rv0327c/cyp135A1
Rv0328/-
Rv0329c/-
Rv0330c/-
Rv0331/-
Rv0332/-
Rv0333/-
Rv0334/rmlA
Rv0335c/PE6
Expression (DESeq normalized read counts)
Time (hours)

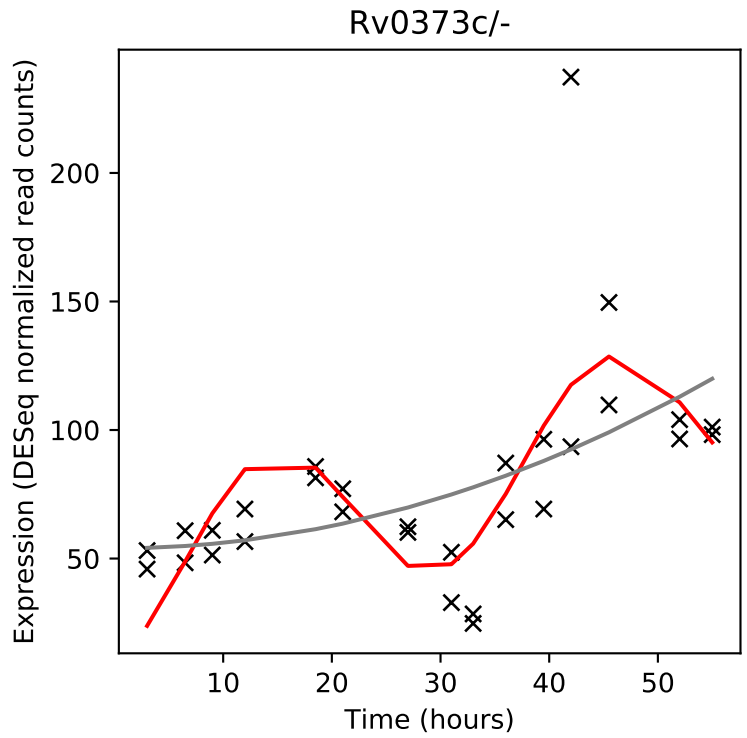

Rv0336/-
Rv0337c/aspC
Rv0338c/-
Rv0339c/-
Rv0340/-
Rv0341/iniB
Rv0342/iniA
Rv0343/iniC
Rv0344c/lpqJ
Expression (DESeq normalized read counts)
Time (hours)

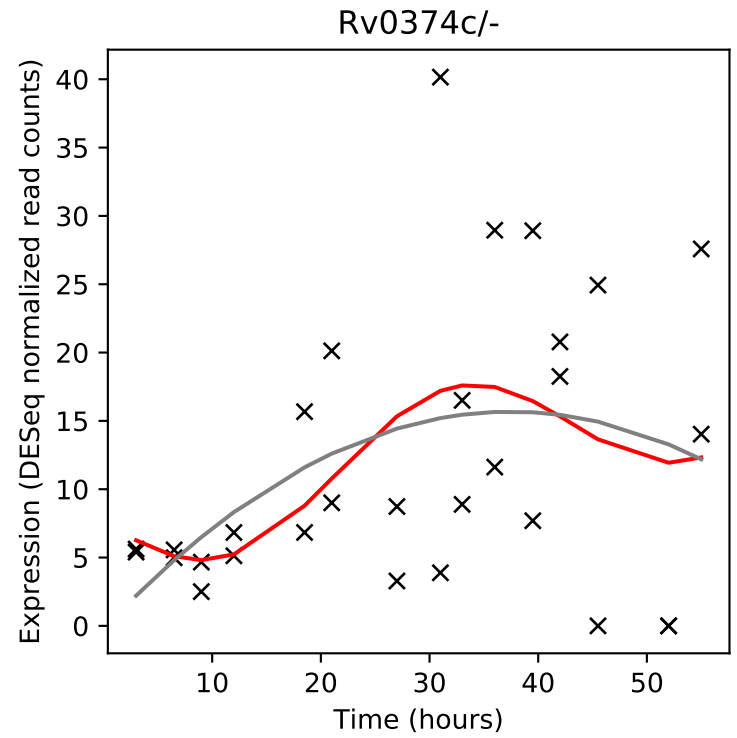

Rv0345/-
Rv0346c/ansP2
Rv0347/-
Rv0348/-
Rv0349/-
Rv0350/dnaK
Rv0351/grpE
Rv0352/dnaJ1
Rv0353/hspR
Expression (DESeq normalized read counts)
Time (hours)

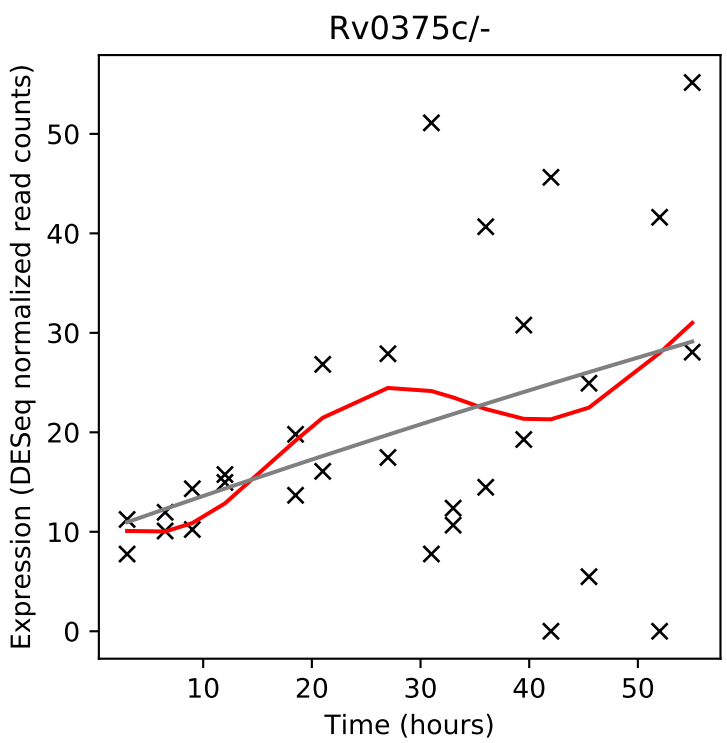

Rv0354c/PPE7
Rv0355c/PPE8
Rv0356c/-
Rv0357c/purA
Rv0358/-
Rv0359/-
Rv0360c/-
Rv0361/-
Rv0362/mgtE
Expression (DESeq normalized read counts)
Time (hours)

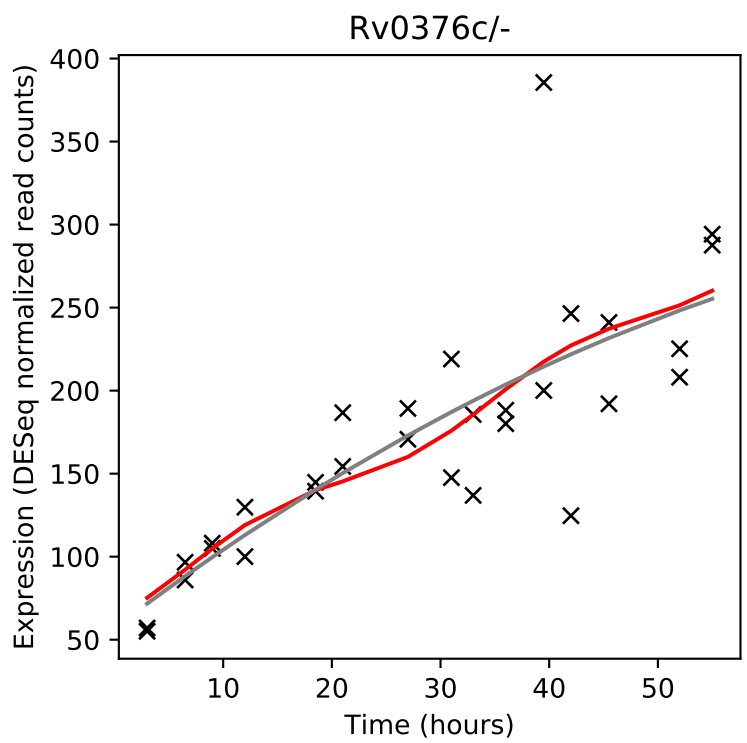

Rv0363c/fba
Rv0364/-
Rv0365c/-
Rv0366c/-
Rv0367c/-
Rv0368c/-
Rv0369c/-
Rv0370c/-
Rv0371c/-
Expression (DESeq normalized read counts)
Time (hours)

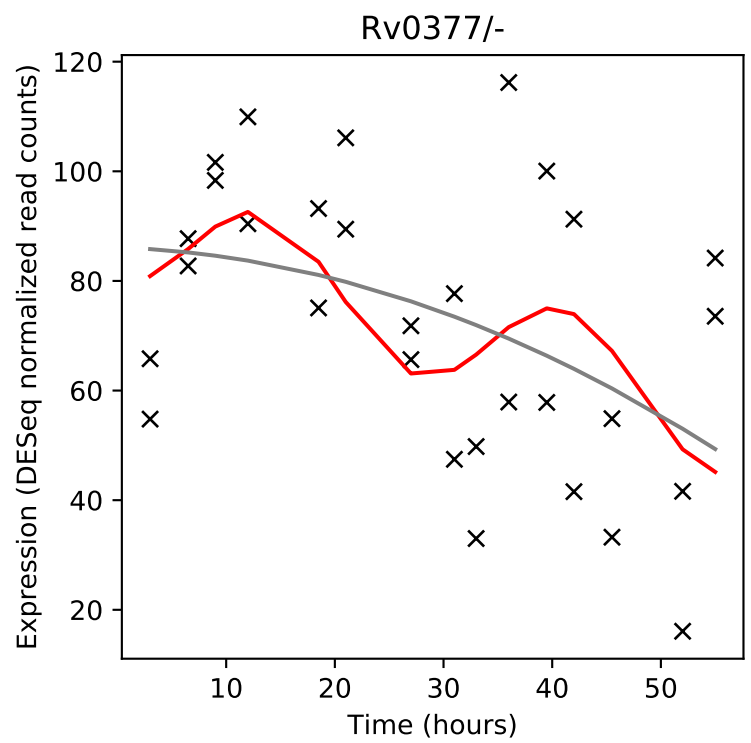

Rv0372c/-
Expression (DESeq normalized read counts)
Time (hours)

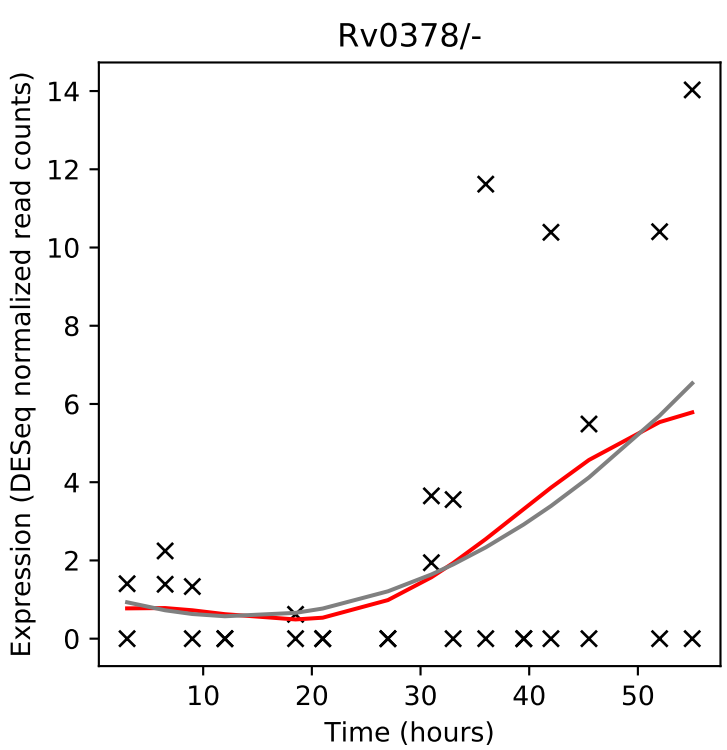

Rv0373c/-
Expression (DESeq normalized read counts)
Time (hours)

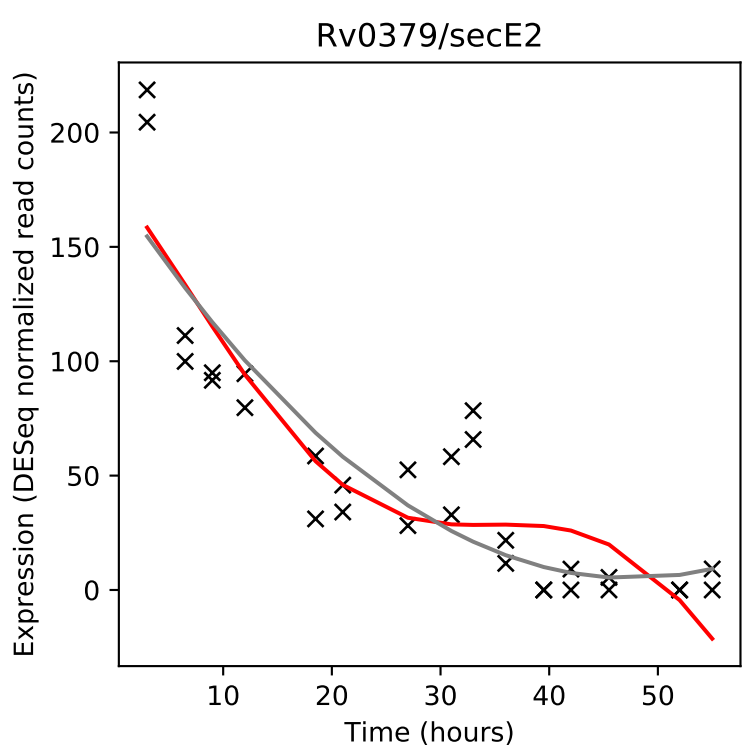

Rv0374c/-
Expression (DESeq normalized read counts)
Time (hours)

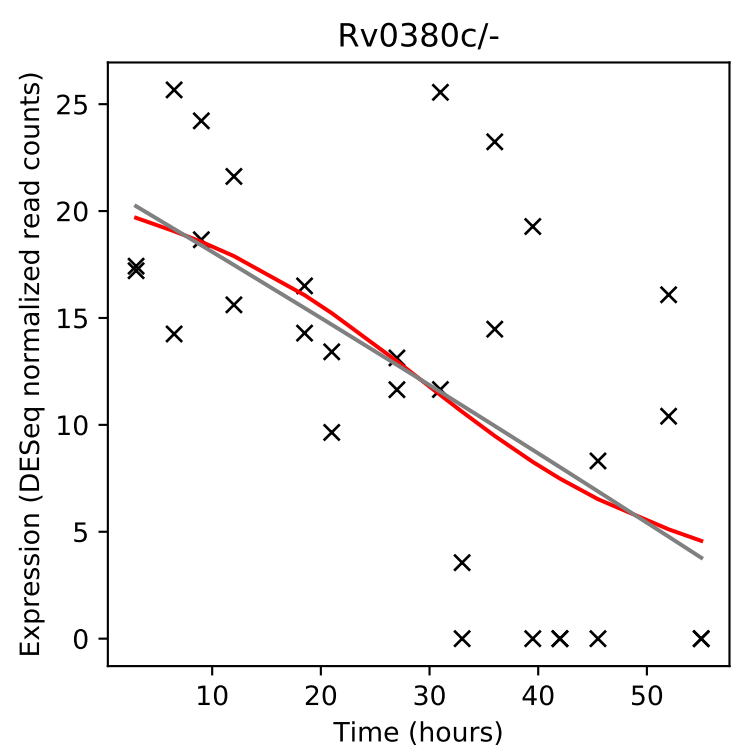

Rv0375c/-
Expression (DESeq normalized read counts)
Time (hours)

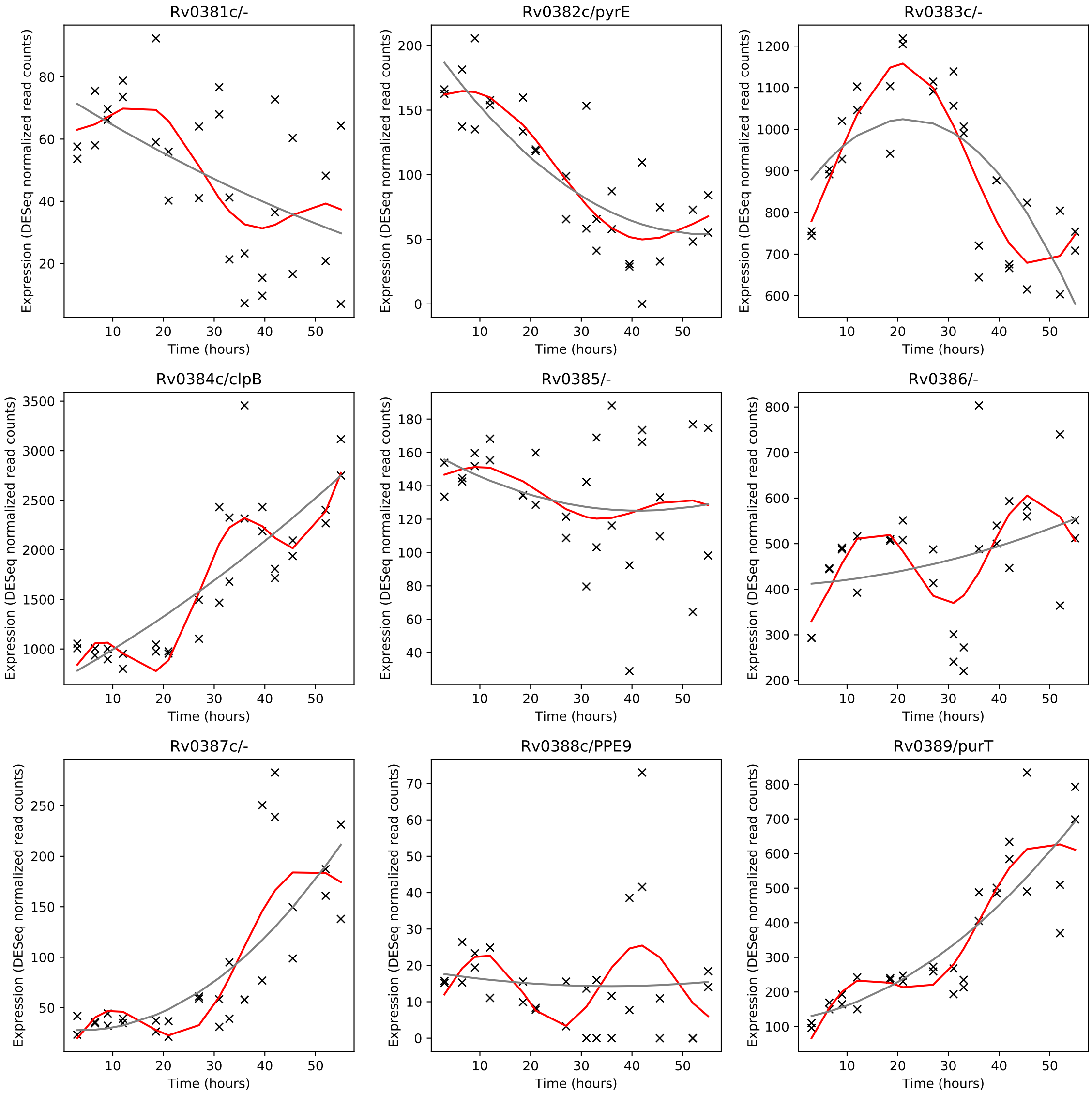

Rv0376c/-
Expression (DESeq normalized read counts)
Time (hours)

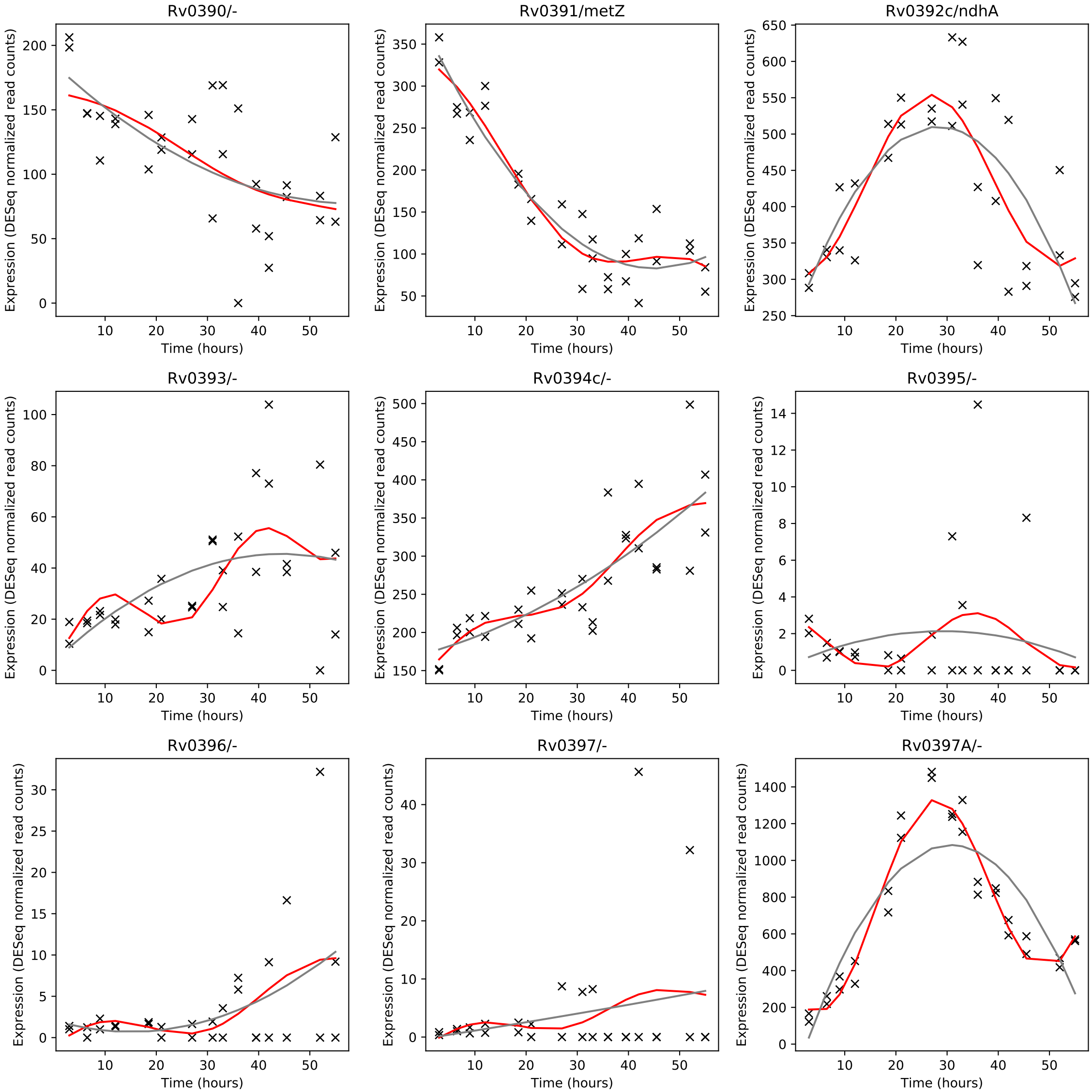

Rv0377/-
Expression (DESeq normalized read counts)
Time (hours)

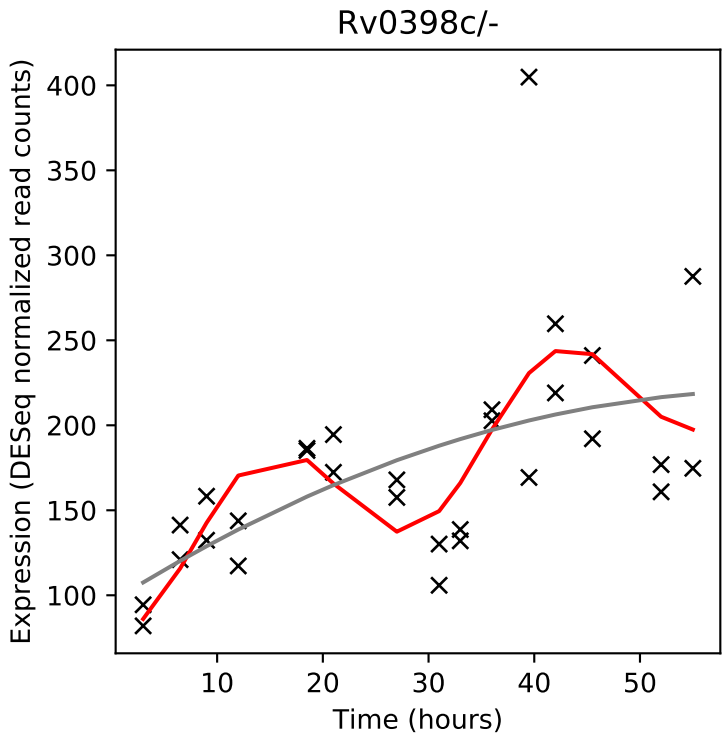

Rv0378/-
Expression (DESeq normalized read counts)
Time (hours)

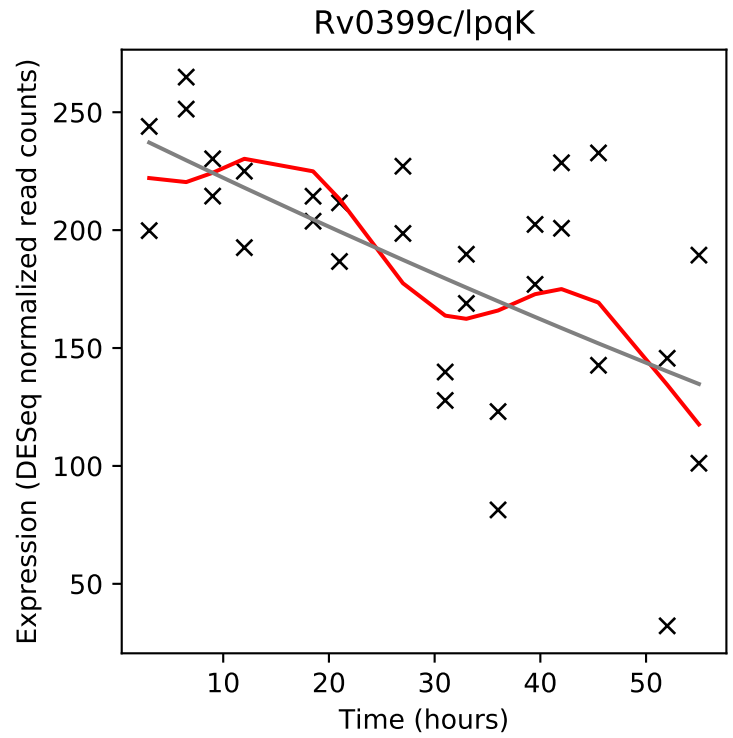

Rv0379/secE2
Expression (DESeq normalized read counts)
Time (hours)

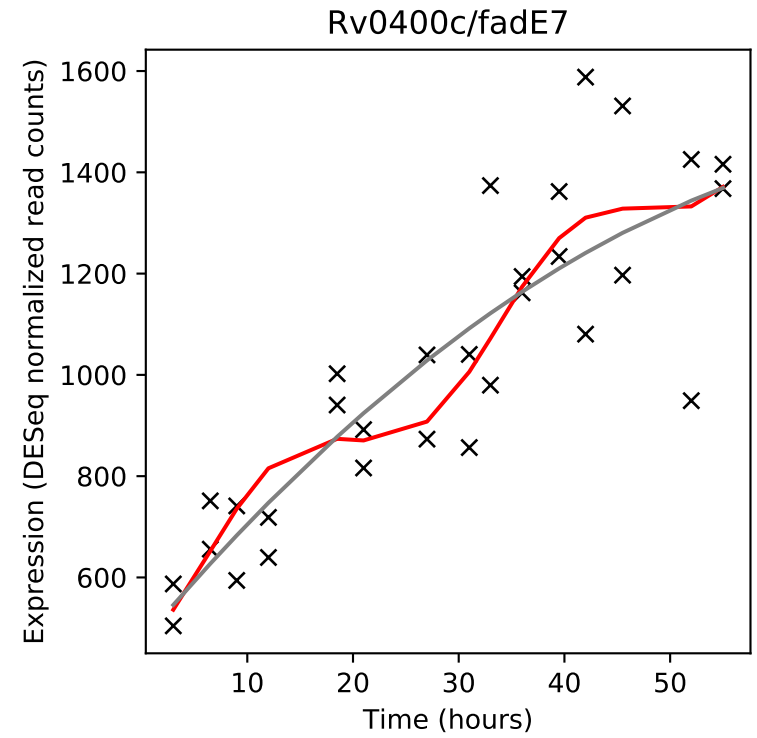

Rv0380c/-
Expression (DESeq normalized read counts)
Time (hours)

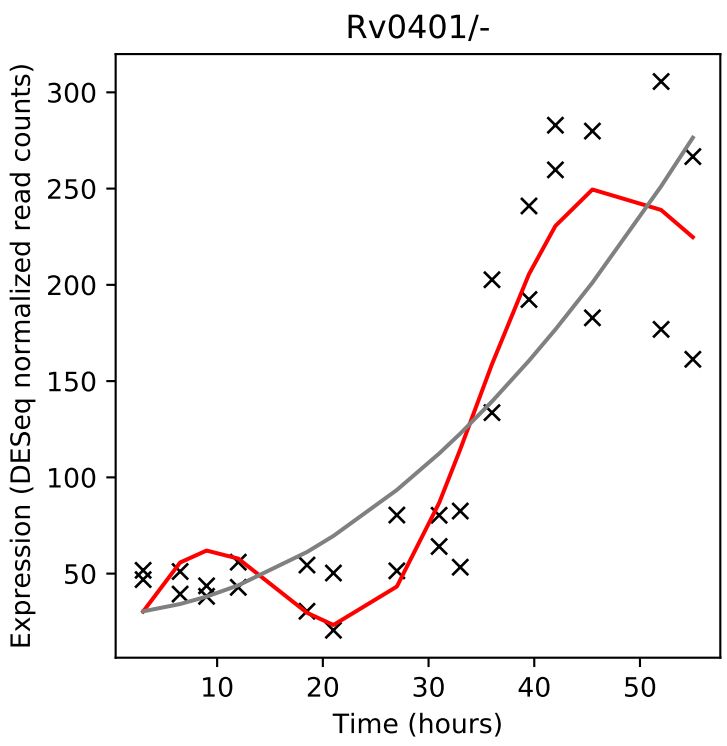

Rv0381c/-
Rv0382c/pyrE
Rv0383c/-
Rv0384c/clpB
Rv0385/-
Rv0386/-
Rv0387c/-
Rv0388c/PPE9
Rv0389/purT
Expression (DESeq normalized read counts)
Time (hours)

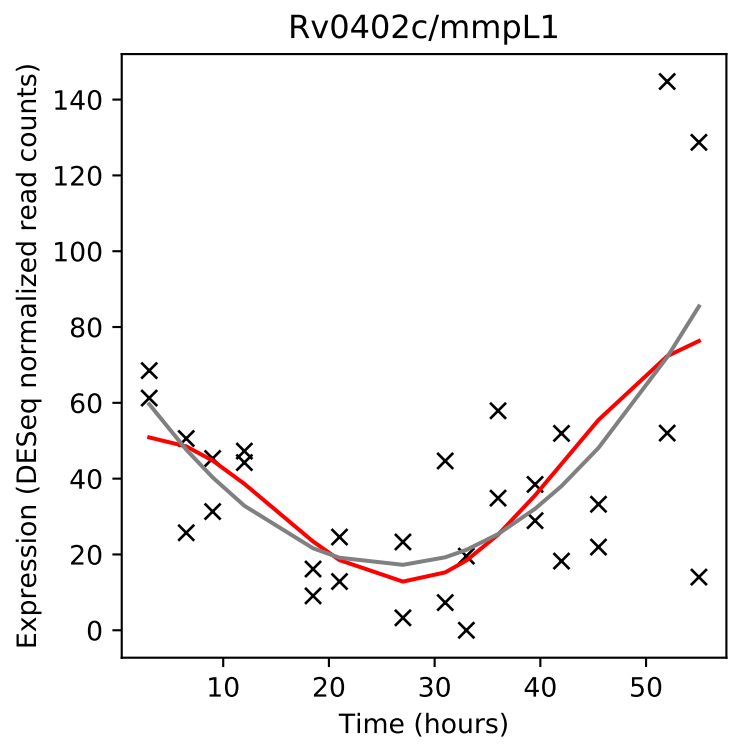

Rv0390/-
Rv0391/metZ
Rv0392c/ndhA
Rv0393/-
Rv0394c/-
Rv0395/-
Rv0396/-
Rv0397/-
Rv0397A/-
Expression (DESeq normalized read counts)
Time (hours)

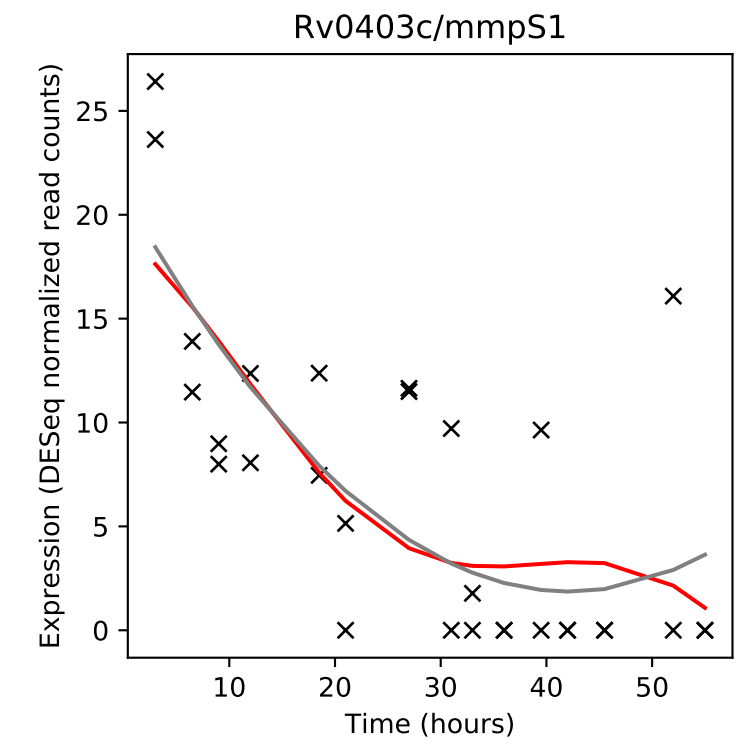

Rv0398c/-
Expression (DESeq normalized read counts)
Time (hours)

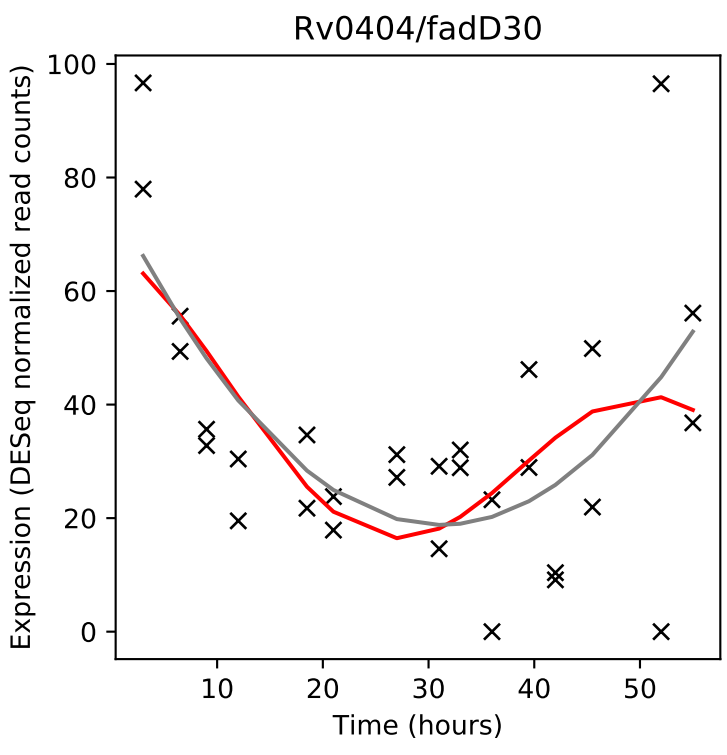

Rv0399c/lpqK
Expression (DESeq normalized read counts)
Time (hours)

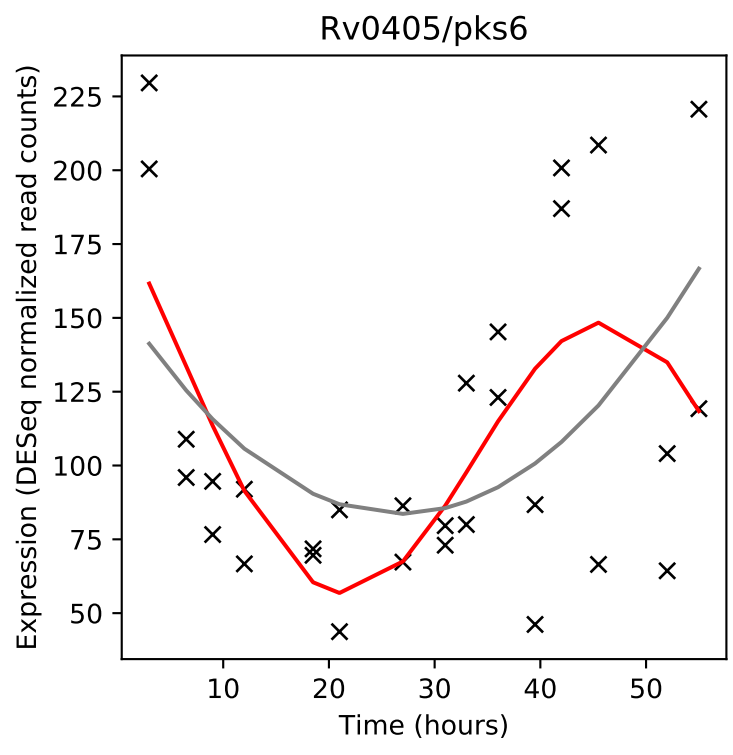

Rv0400c/fadE7
Expression (DESeq normalized read counts)
Time (hours)

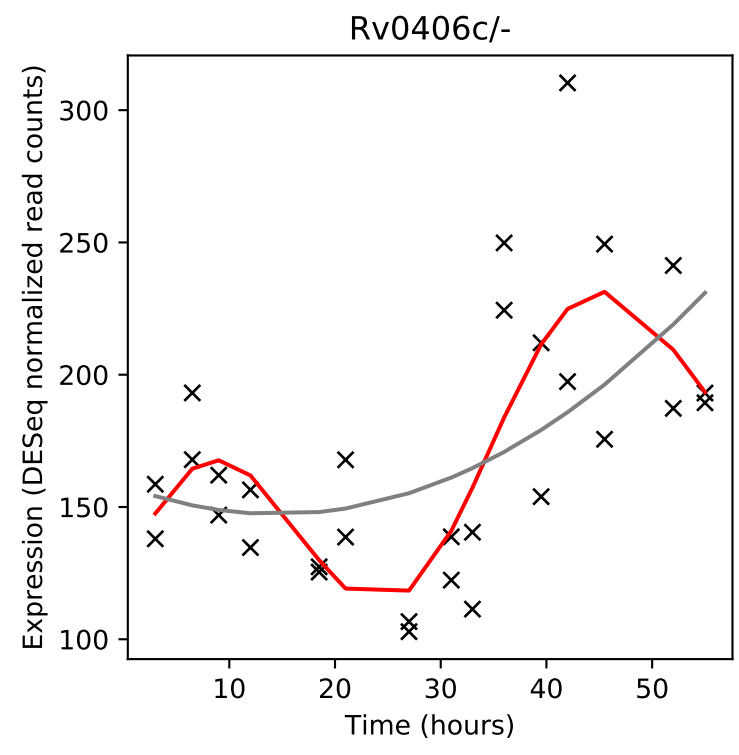

Rv0401/-
Expression (DESeq normalized read counts)
Time (hours)

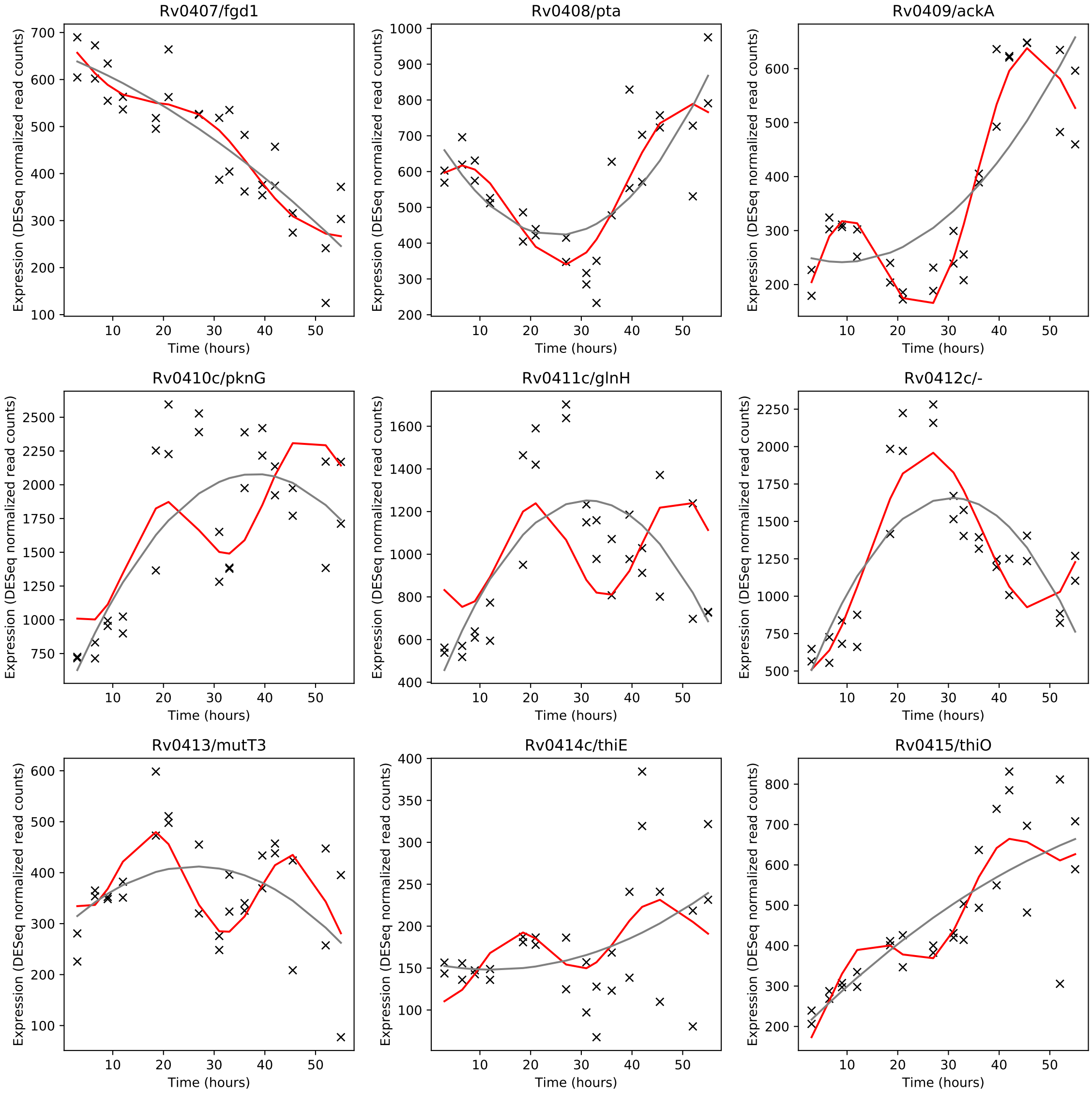

Rv0402c/mmpL1
Expression (DESeq normalized read counts)
Time (hours)

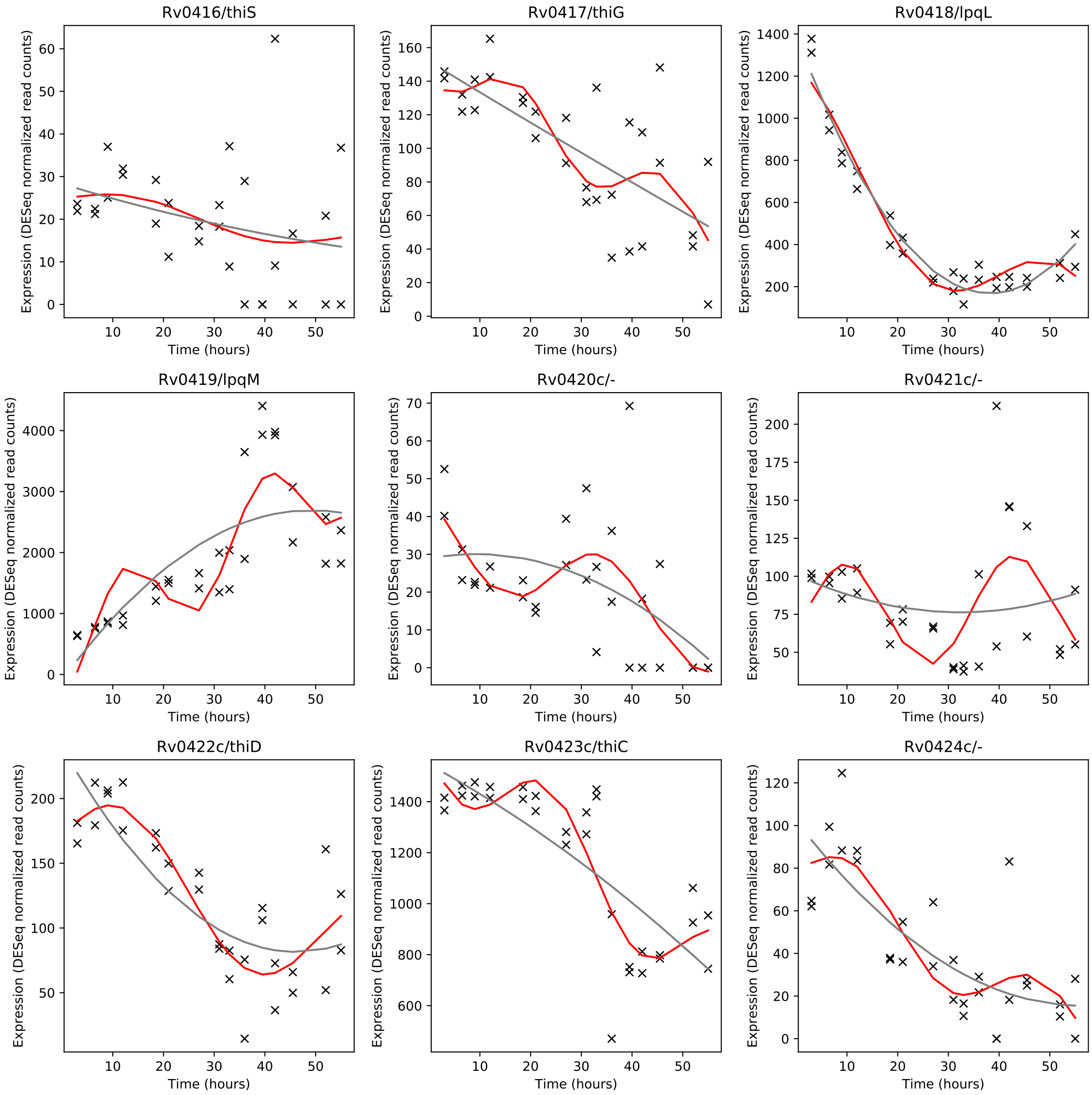

Rv0403c/mmpS1
Expression (DESeq normalized read counts)
Time (hours)

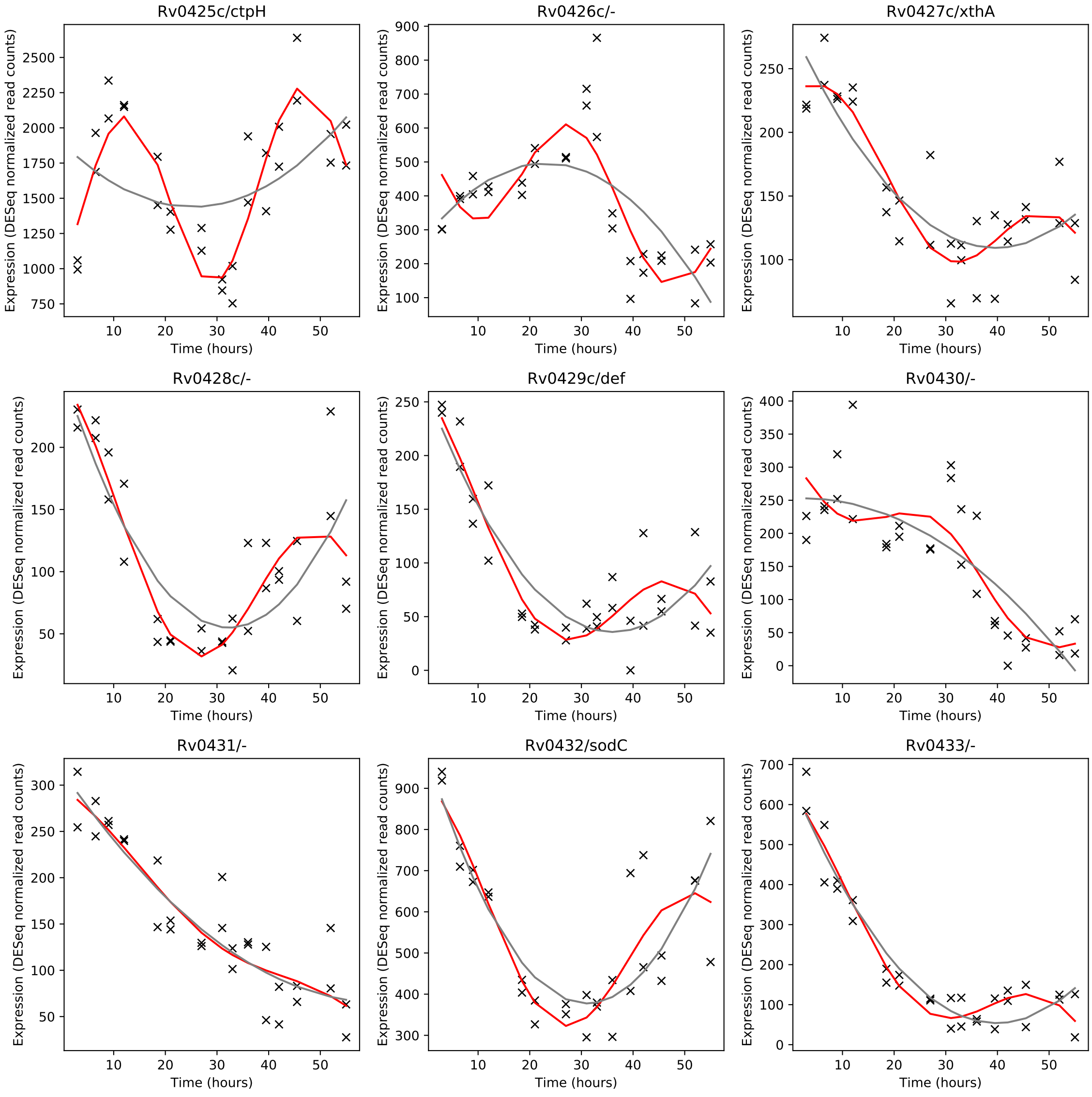

Rv0404/fadD30
Expression (DESeq normalized read counts)
Time (hours)

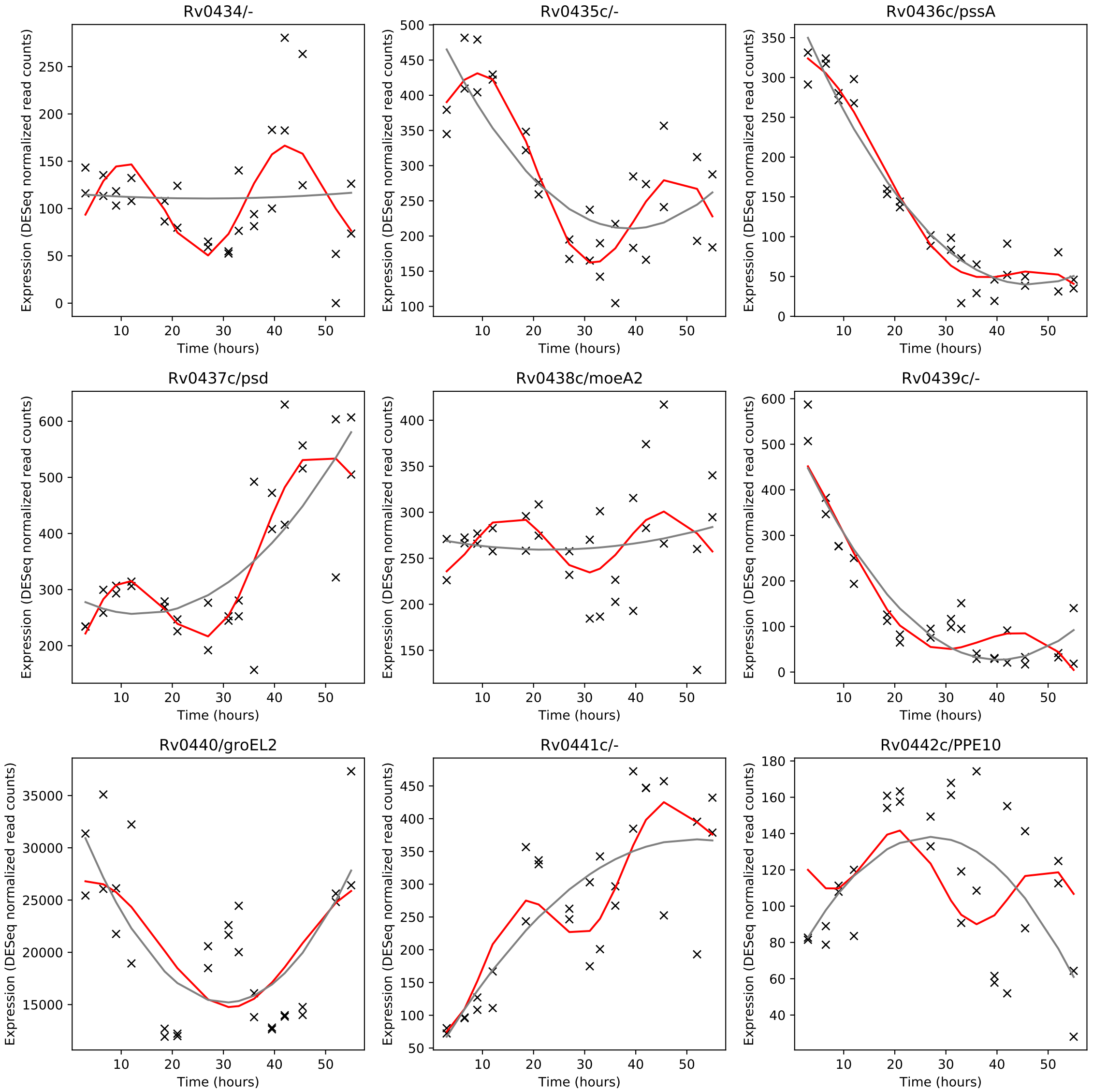

Rv0405/pks6
Expression (DESeq normalized read counts)
Time (hours)

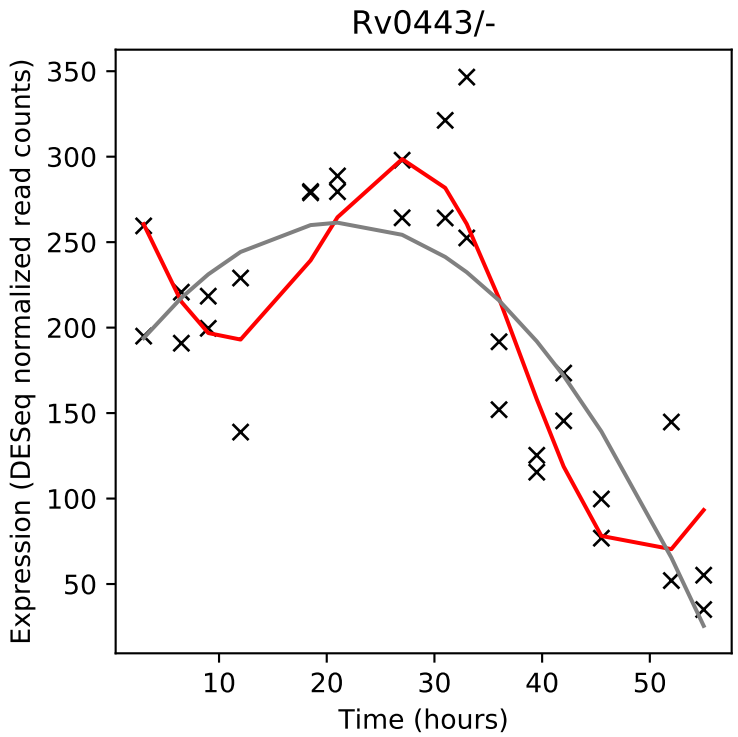

Rv0406c/-
Expression (DESeq normalized read counts)
Time (hours)

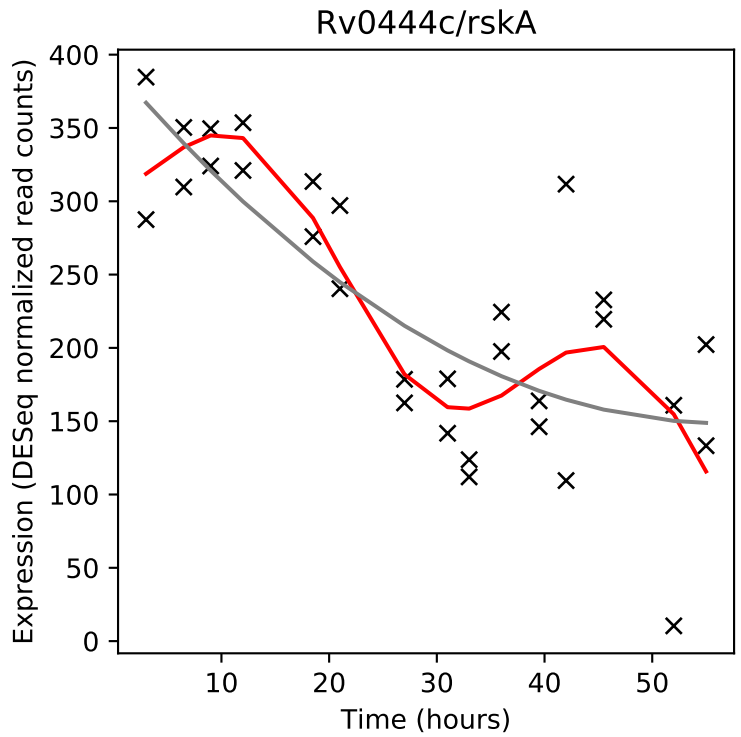

Rv0407/fgd1
Rv0408/pta
Rv0409/ackA
Rv0410c/pknG
Rv0411c/glnH
Rv0412c/-
Rv0413/mutT3
Rv0414c/thiE
Rv0415/thiO
Expression (DESeq normalized read counts)
Time (hours)

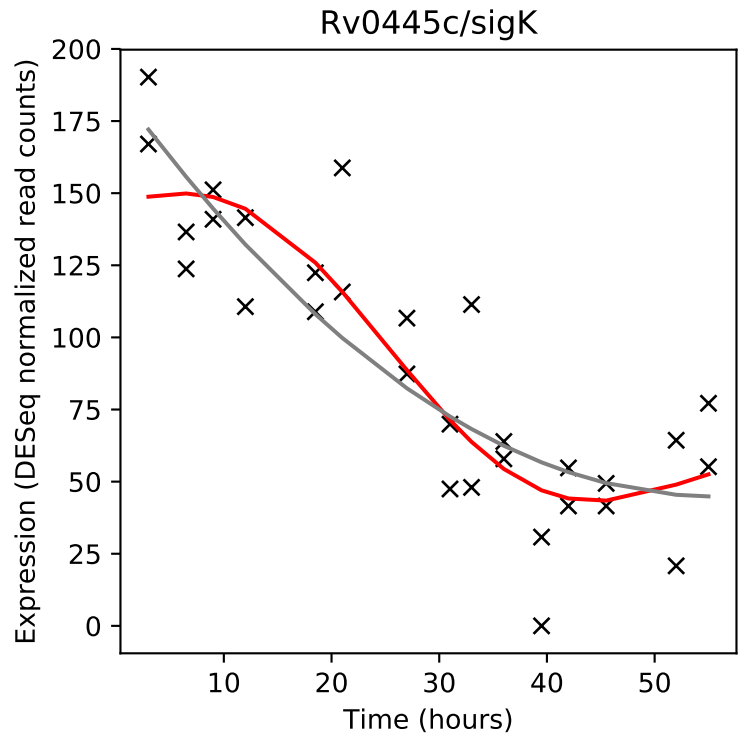

Rv0416/thiS
Rv0417/thiG
Rv0418/lpqL
Rv0419/lpqM
Rv0420c/-
Rv0421c/-
Rv0422c/thiD
Rv0423c/thiC
Rv0424c/-
Expression (DESeq normalized read counts)
Time (hours)

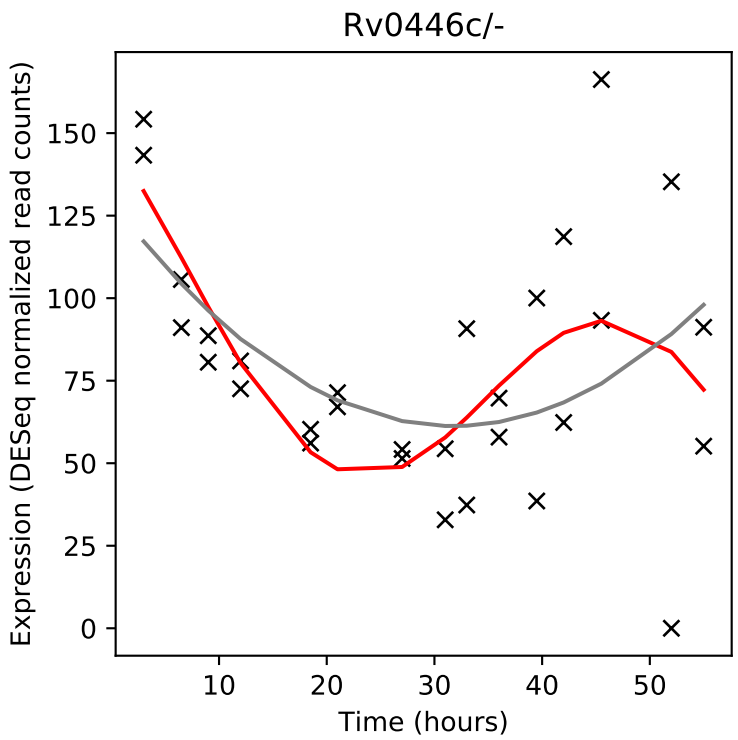

Rv0425c/ctpH
Rv0426c/-
Rv0427c/xthA
Rv0428c/-
Rv0429c/def
Rv0430/-
Rv0431/-
Rv0432/sodC
Rv0433/-
Expression (DESeq normalized read counts)
Time (hours)

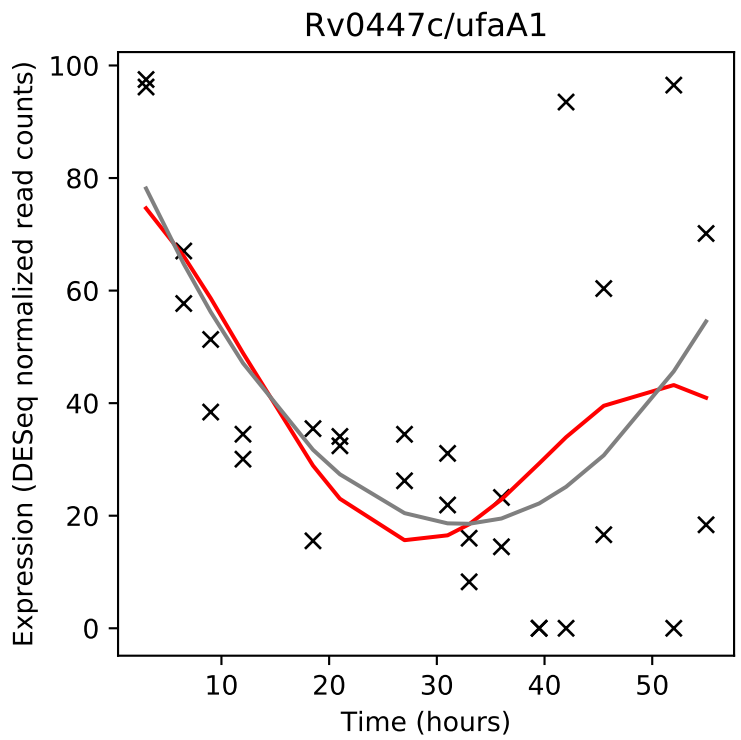

Rv0434/-
Rv0435c/-
Rv0436c/pssA
Rv0437c/psd
Rv0438c/moeA2
Rv0439c/-
Rv0440/groEL2
Rv0441c/-
Rv0442c/PPE10
Expression (DESeq normalized read counts)
Time (hours)

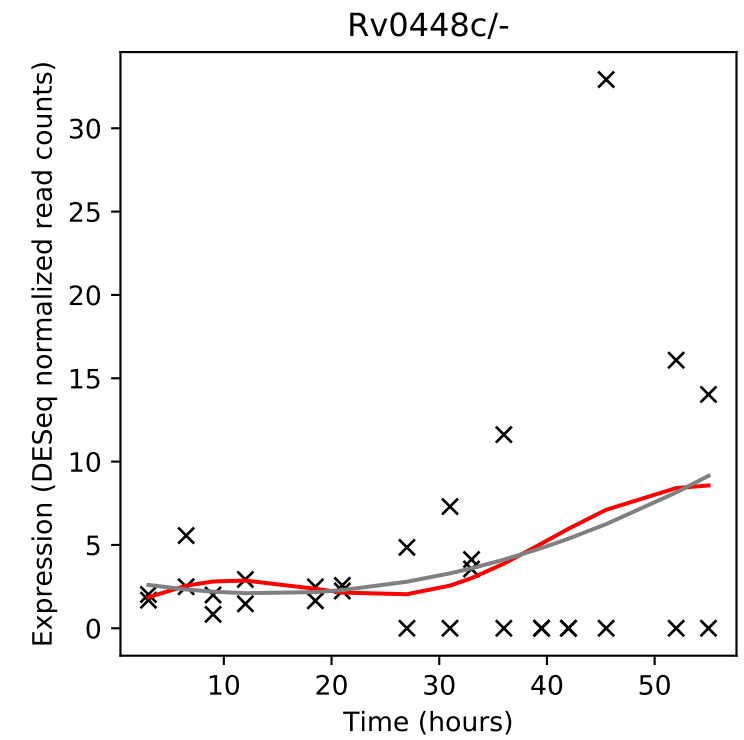

Rv0443/-
Expression (DESeq normalized read counts)
Time (hours)

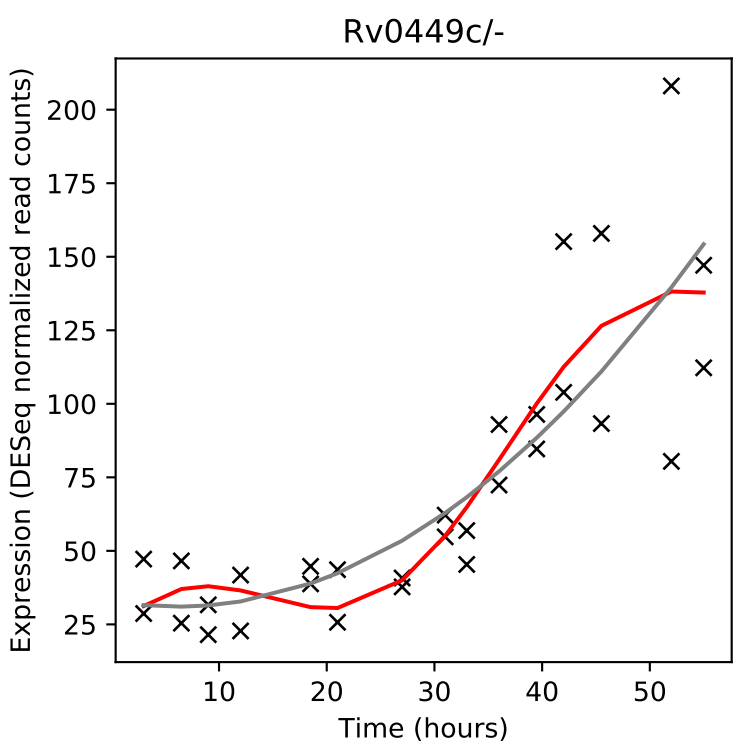

Rv0444c/rskA
Expression (DESeq normalized read counts)
Time (hours)

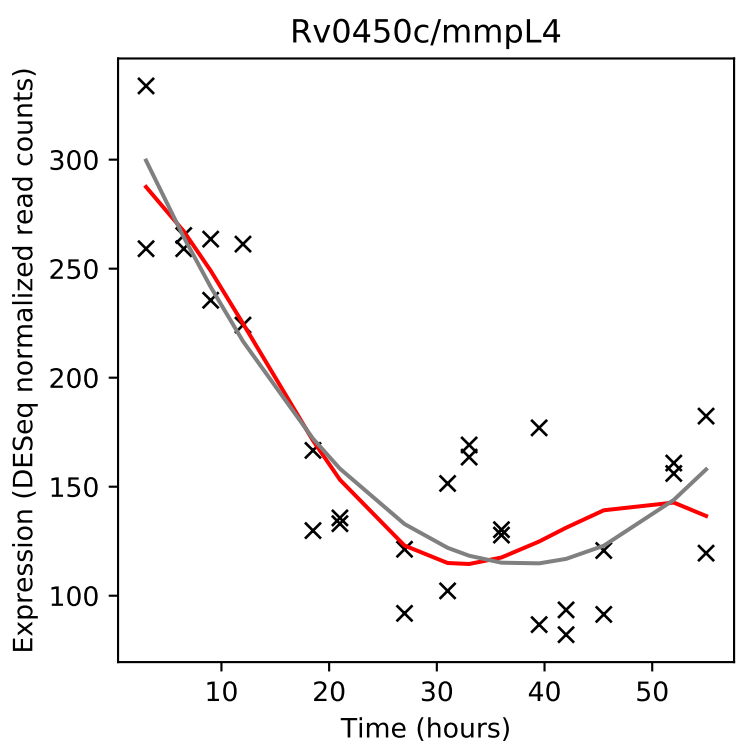

Rv0445c/sigK
Expression (DESeq normalized read counts)
Time (hours)

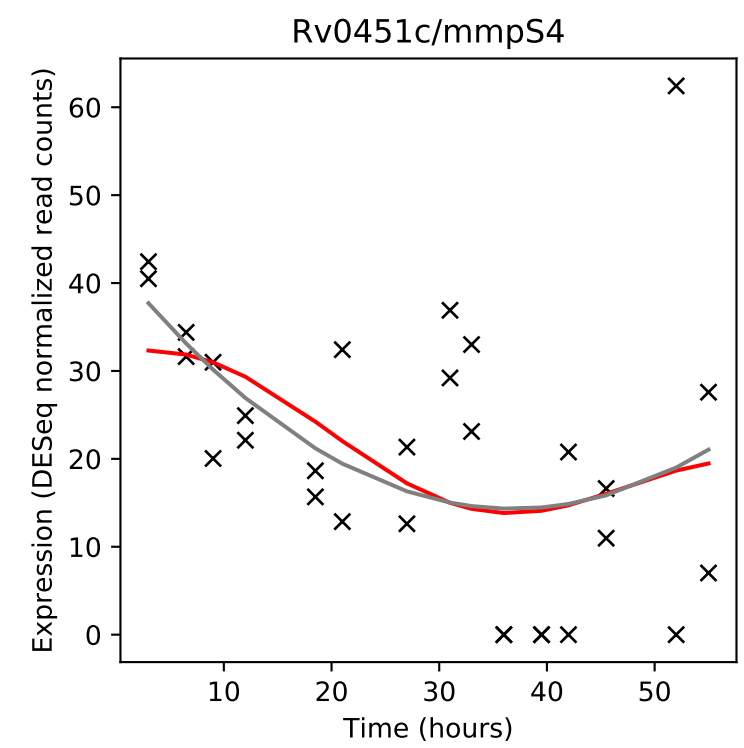

Rv0446c/-
Expression (DESeq normalized read counts)
Time (hours)

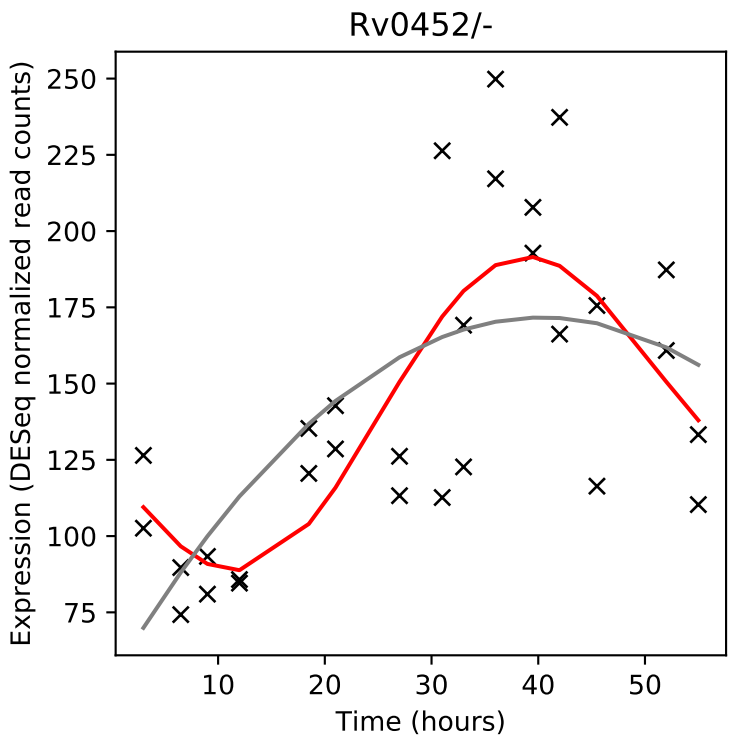

Rv0447c/ufaA1
Expression (DESeq normalized read counts)
Time (hours)

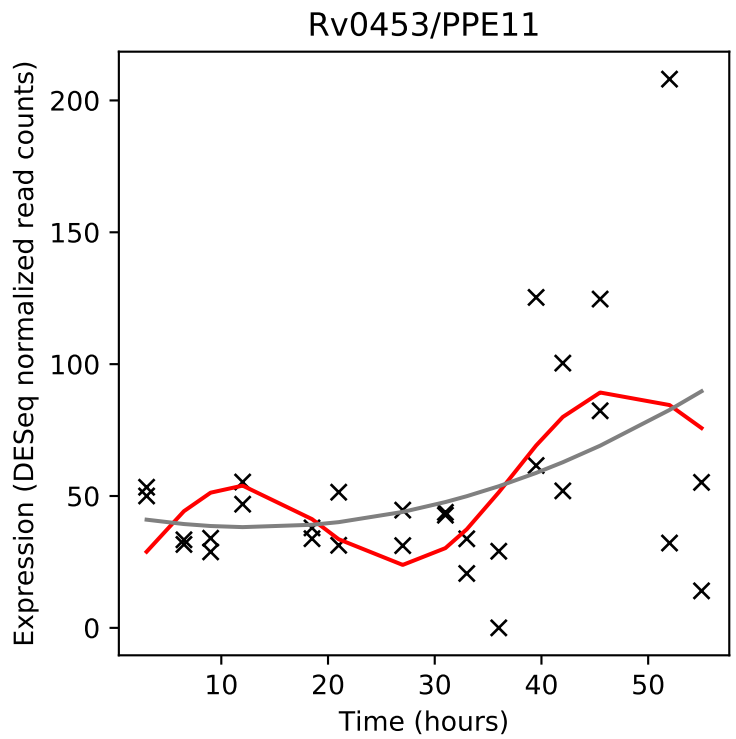

Rv0448c/-
Expression (DESeq normalized read counts)
Time (hours)

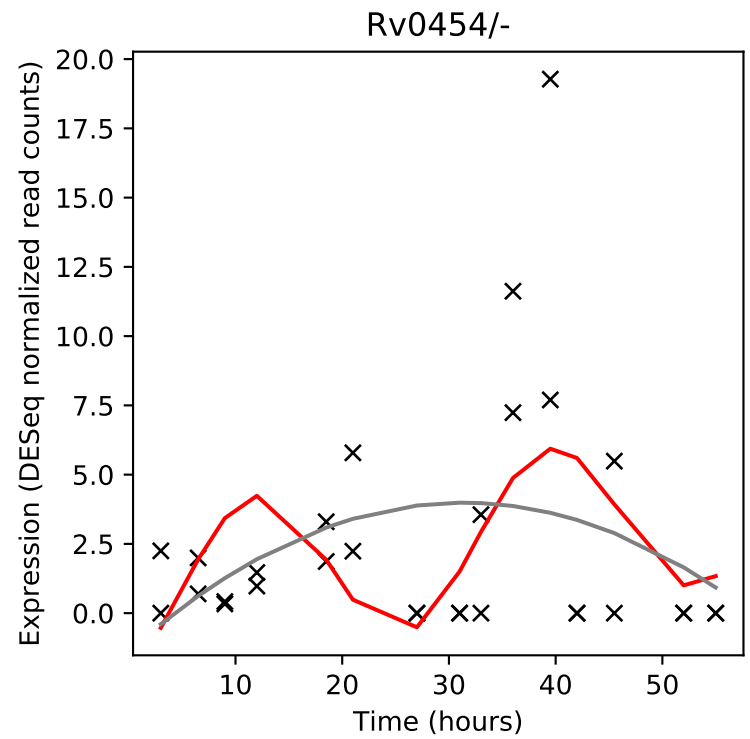

Rv0449c/-
Expression (DESeq normalized read counts)
Time (hours)

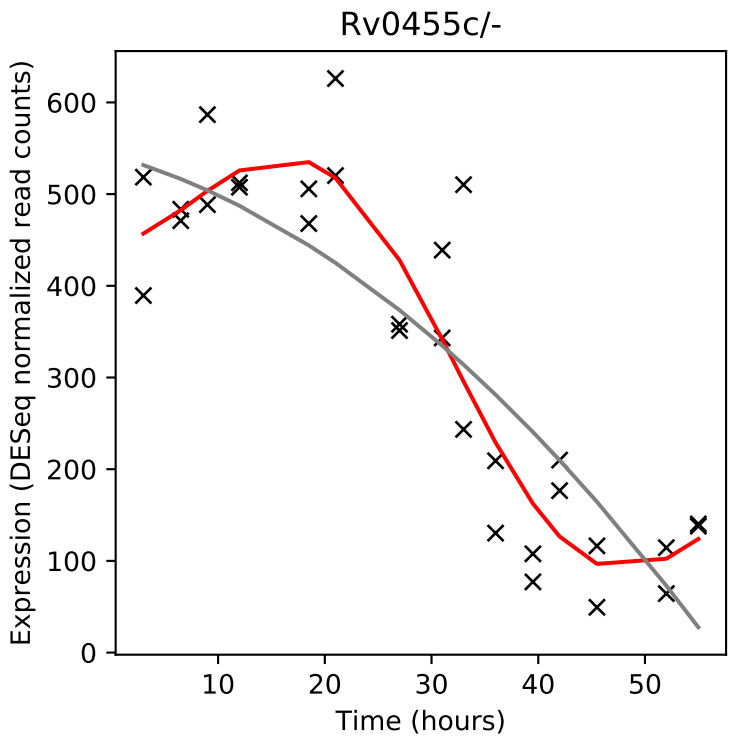

Rv0450c/mmpL4
Expression (DESeq normalized read counts)
Time (hours)

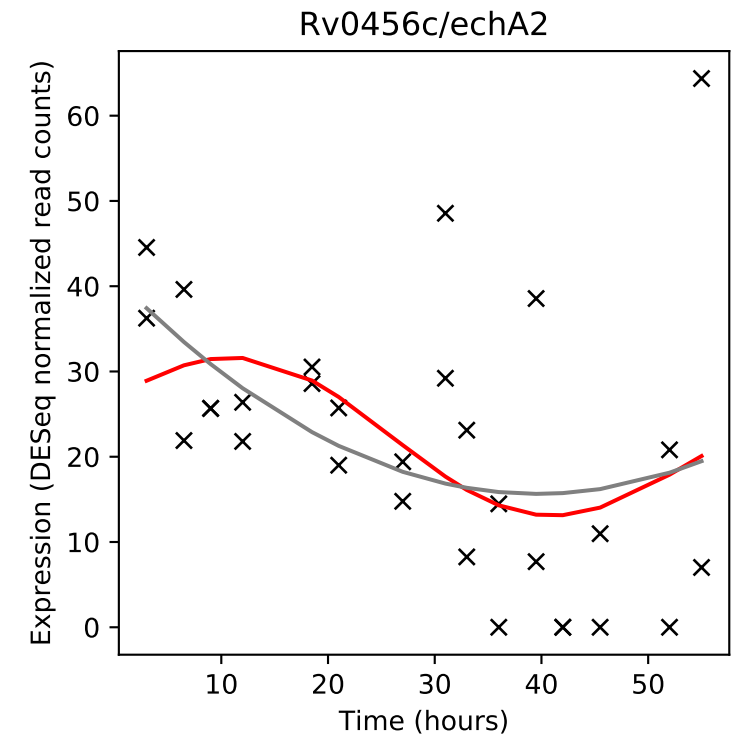

Rv0451c/mmpS4
Expression (DESeq normalized read counts)
Time (hours)

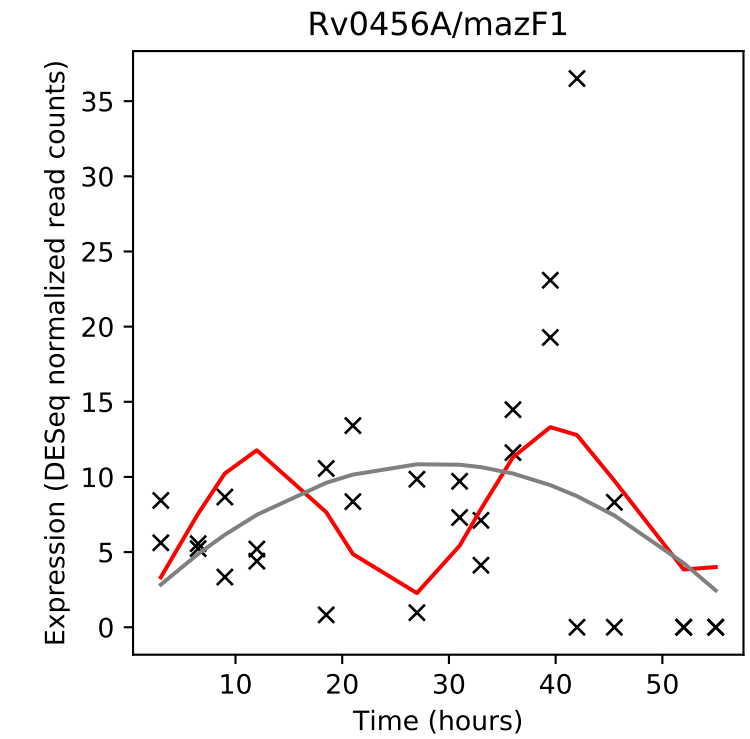

Rv0452/-
Expression (DESeq normalized read counts)
Time (hours)

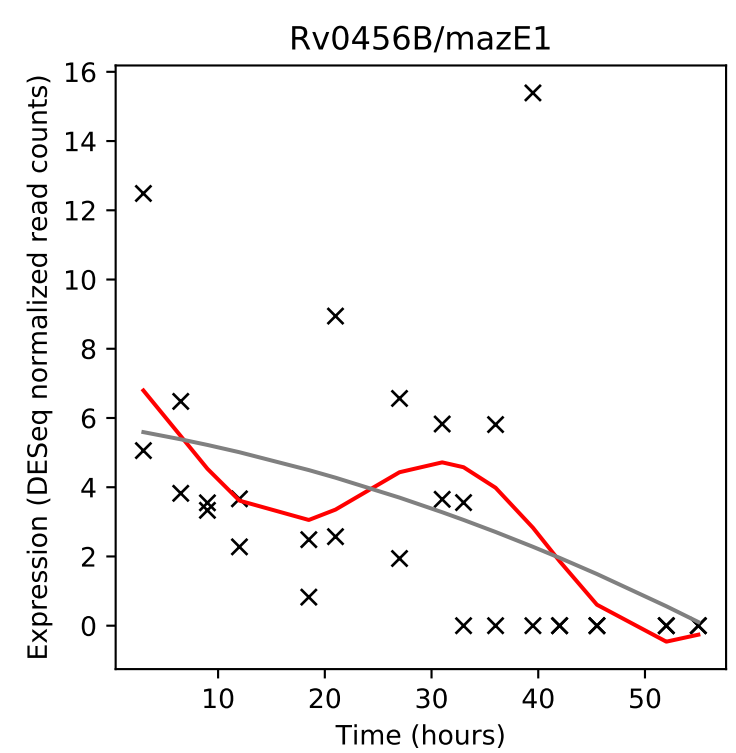

Rv0453/PPE11
Expression (DESeq normalized read counts)
Time (hours)

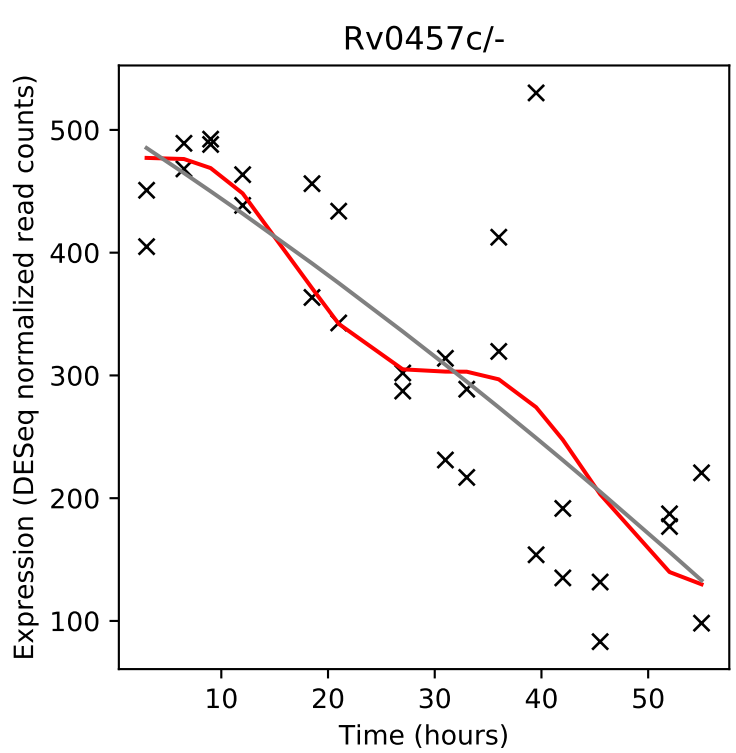

Rv0454/-
Expression (DESeq normalized read counts)
Time (hours)

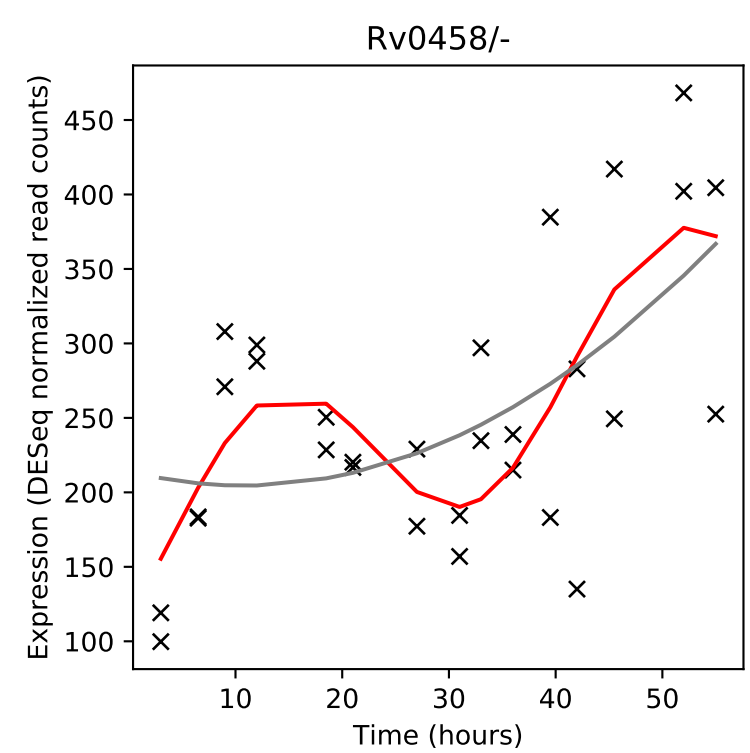

Rv0455c/-
Expression (DESeq normalized read counts)
Time (hours)

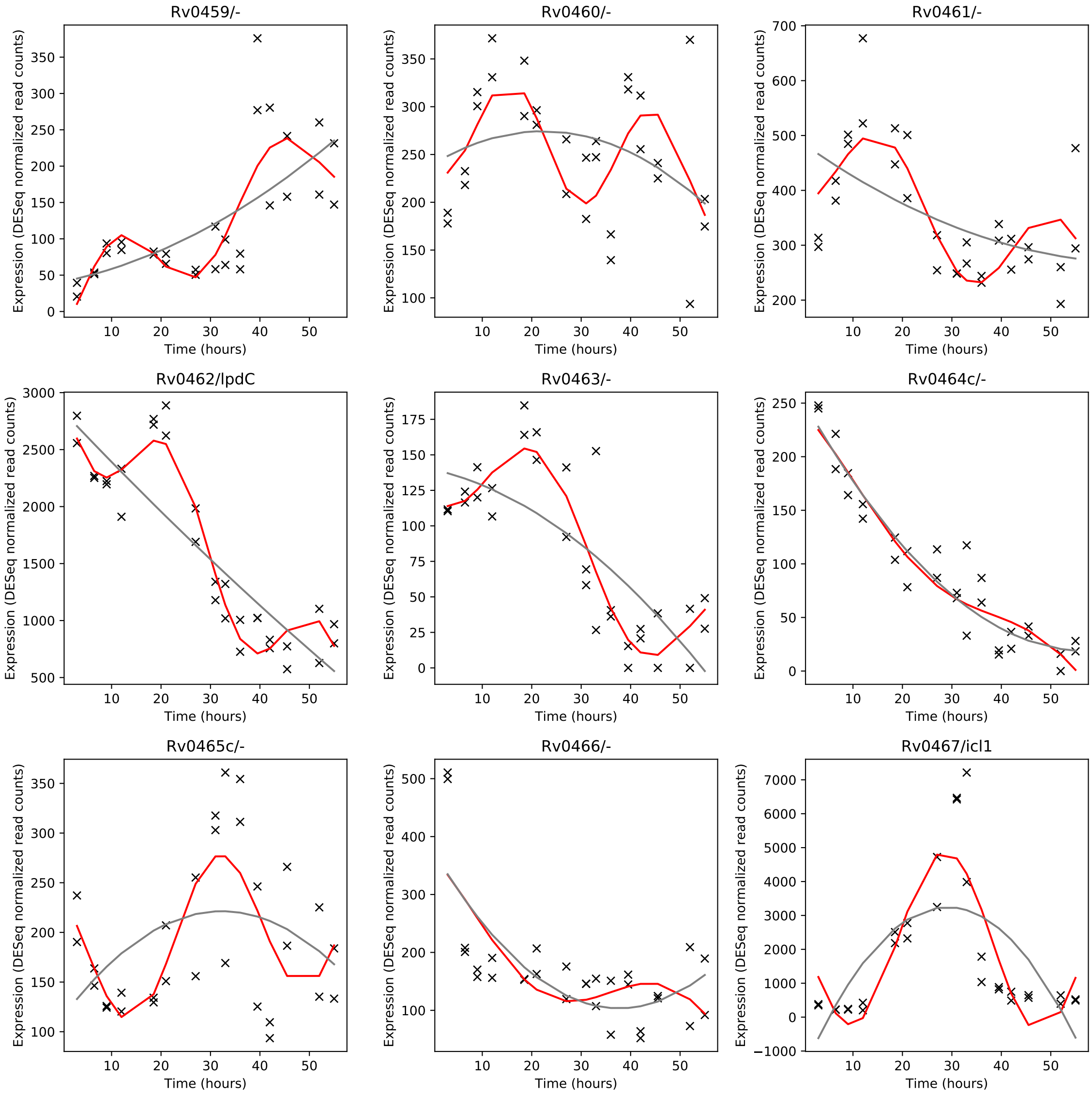

Rv0456c/echA2
Expression (DESeq normalized read counts)
Time (hours)

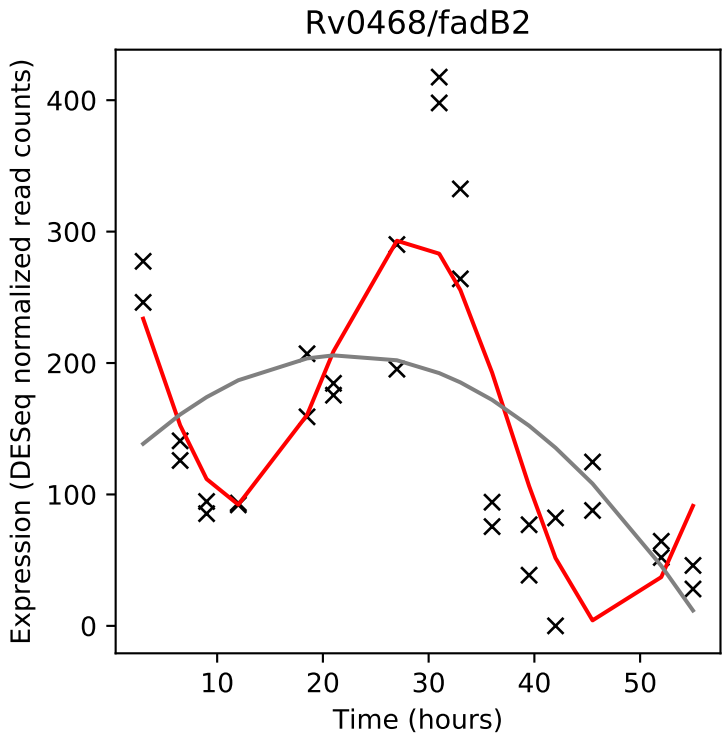

Rv0456A/mazF1
Expression (DESeq normalized read counts)
Time (hours)

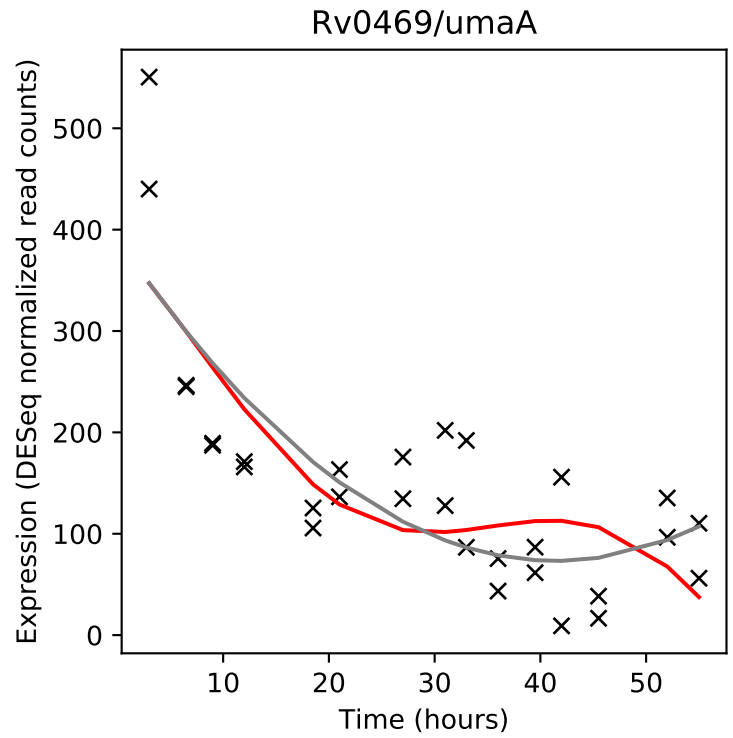

Rv0456B/mazE1
Expression (DESeq normalized read counts)
Time (hours)

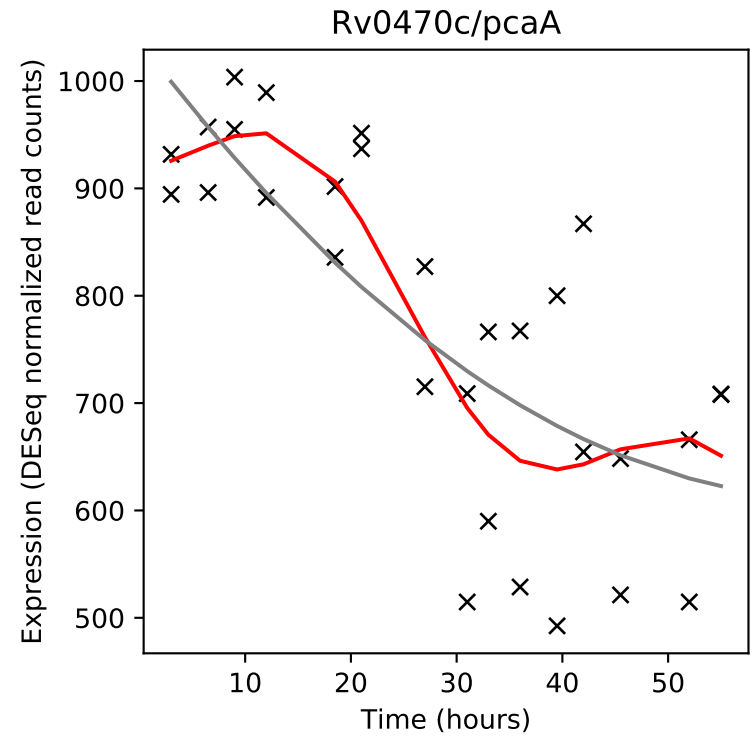

Rv0457c/-
Expression (DESeq normalized read counts)
Time (hours)

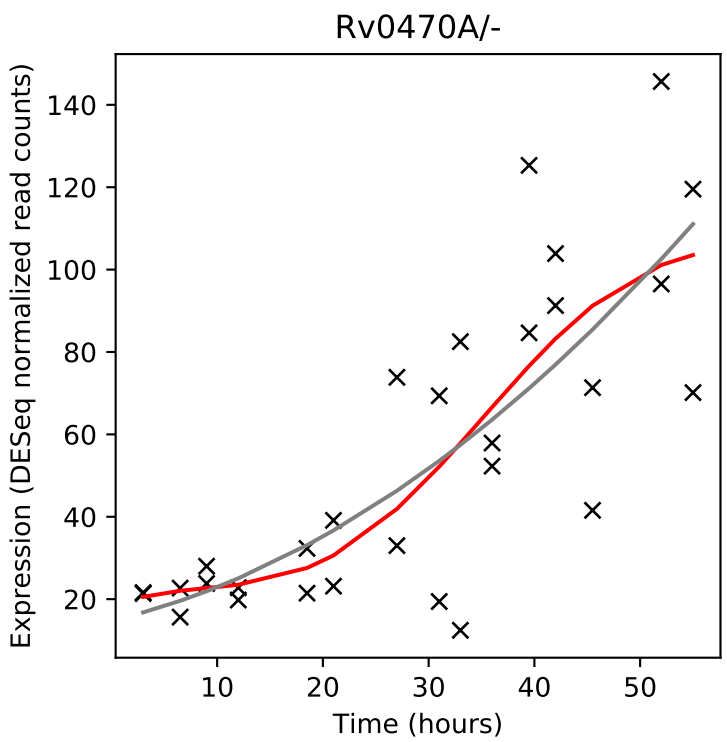

Rv0458/-
Expression (DESeq normalized read counts)
Time (hours)

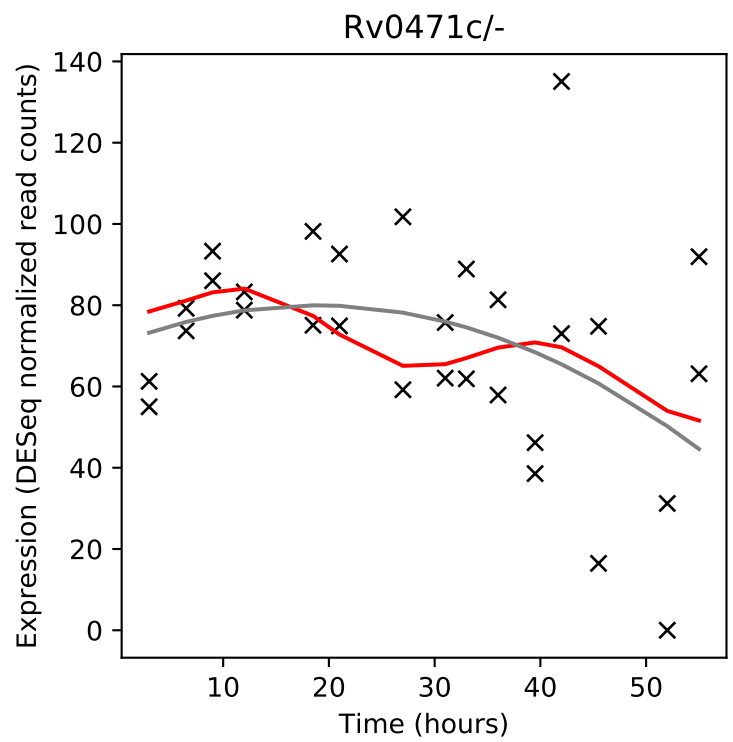

Rv0459/-
Rv0460/-
Rv0461/-
Rv0462/lpdC
Rv0463/-
Rv0464c/-
Rv0465c/-
Rv0466/-
Rv0467/icl1
Expression (DESeq normalized read counts)
Time (hours)

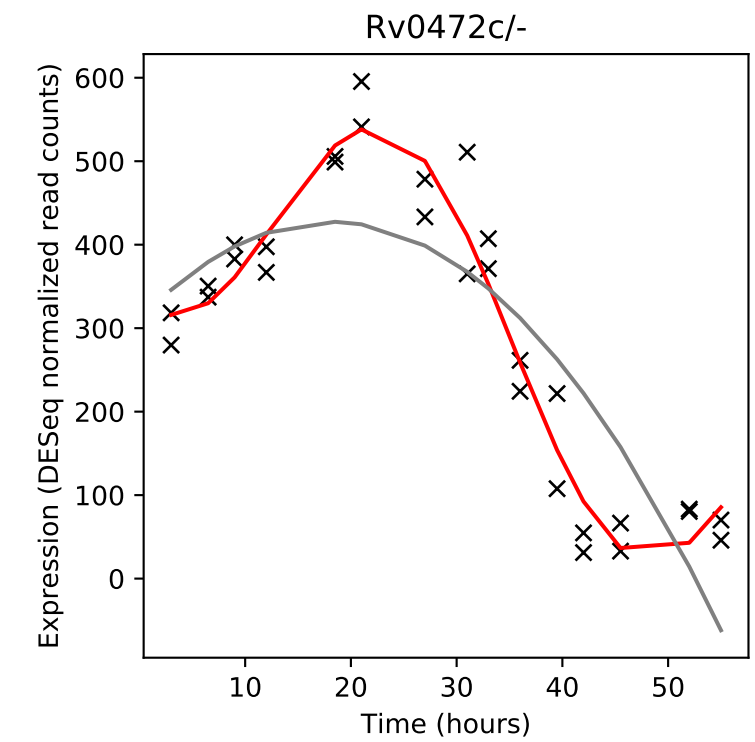

Rv0468/fadB2
Expression (DESeq normalized read counts)
Time (hours)

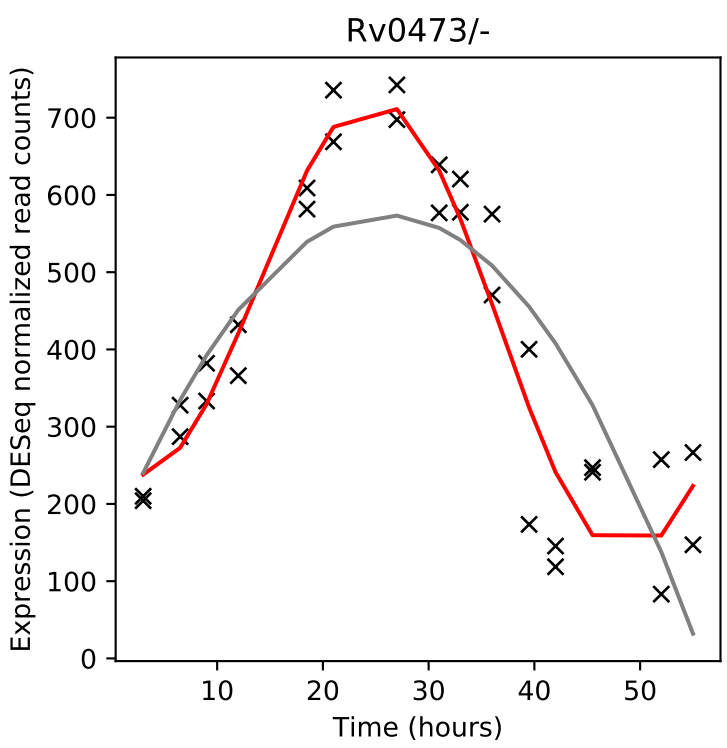

Rv0469/umaA
Expression (DESeq normalized read counts)
Time (hours)

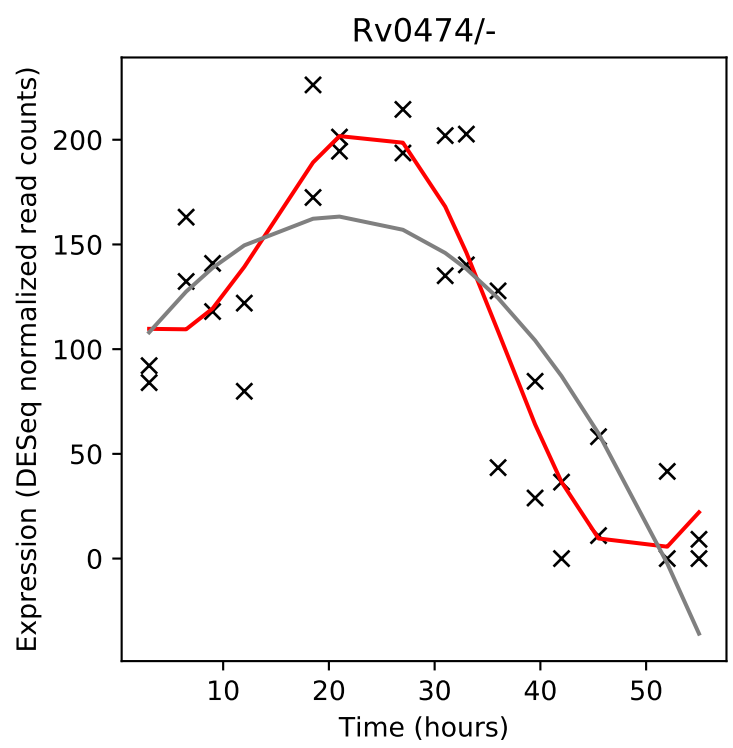

Rv0470c/pcaA
Expression (DESeq normalized read counts)
Time (hours)

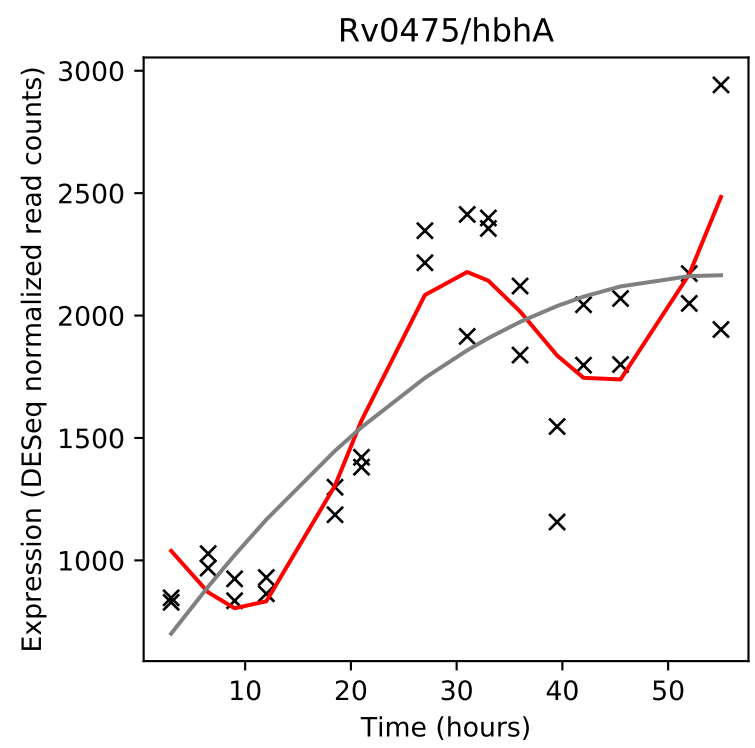

Rv0470A/-
Expression (DESeq normalized read counts)
Time (hours)

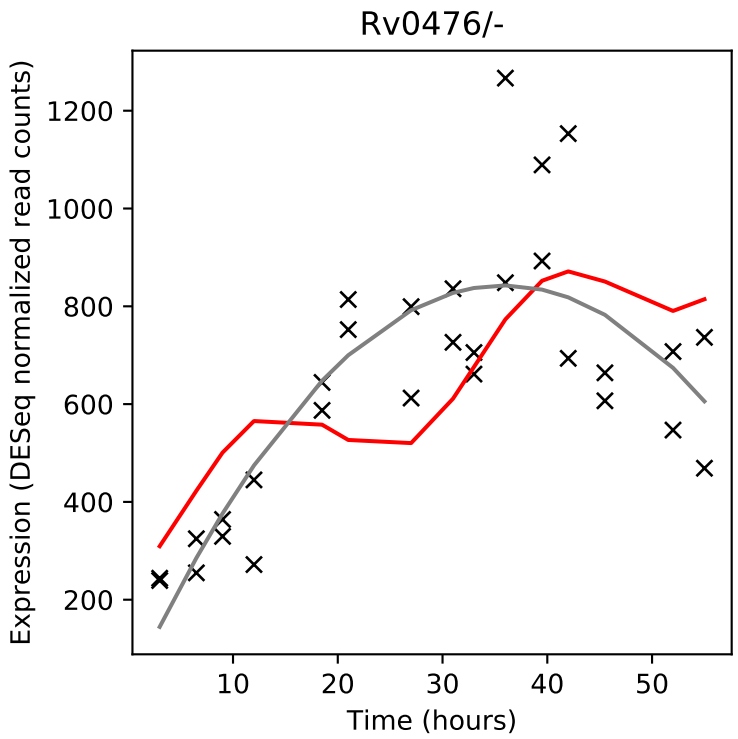

Rv0471c/-
Expression (DESeq normalized read counts)
Time (hours)

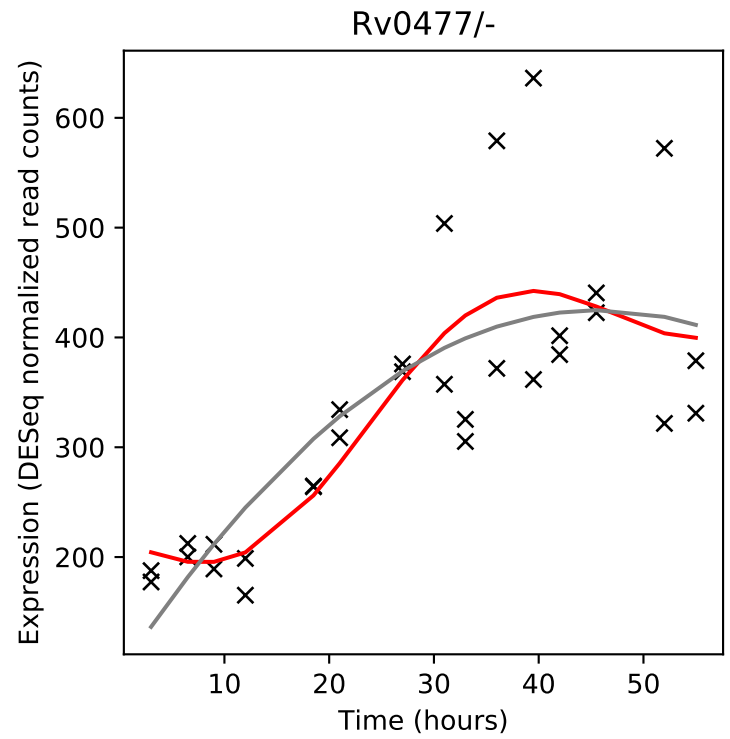

Rv0472c/-
Expression (DESeq normalized read counts)
Time (hours)

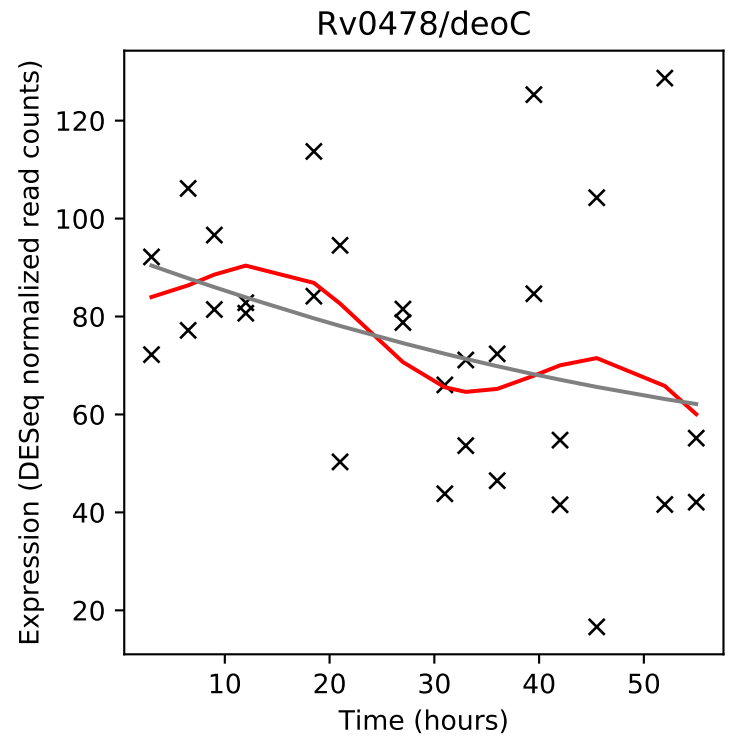

Rv0473/-
Expression (DESeq normalized read counts)
Time (hours)

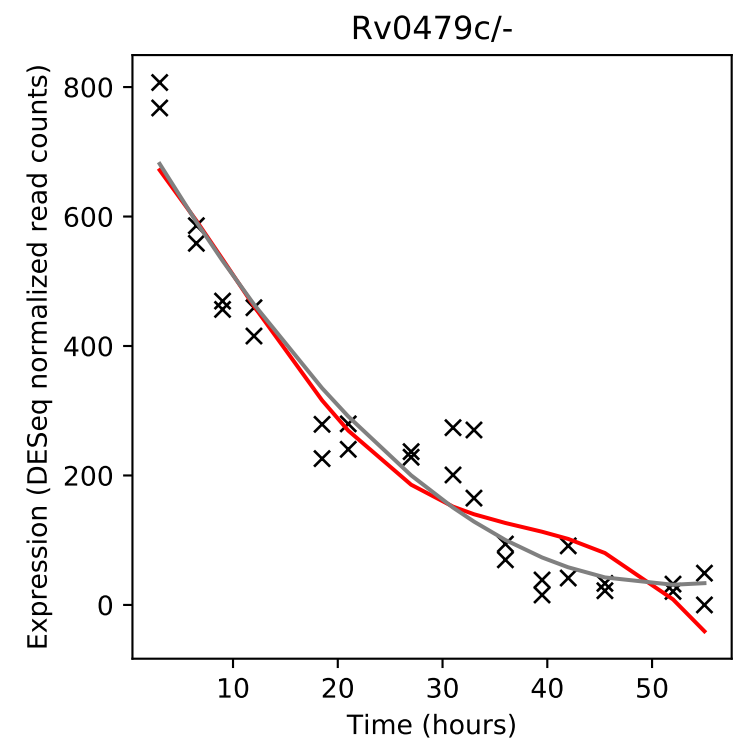

Rv0474/-
Expression (DESeq normalized read counts)
Time (hours)

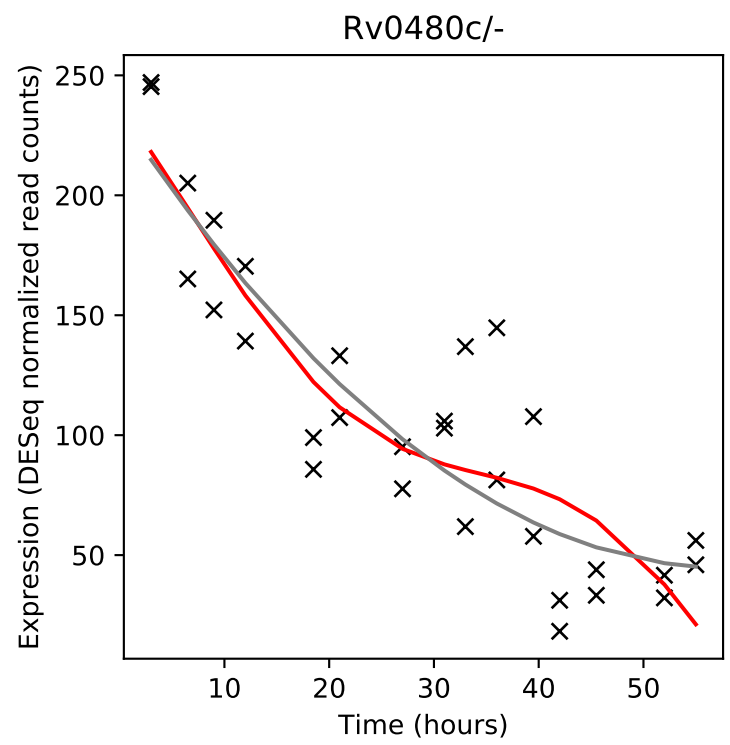

Rv0475/hbhA
Expression (DESeq normalized read counts)
Time (hours)

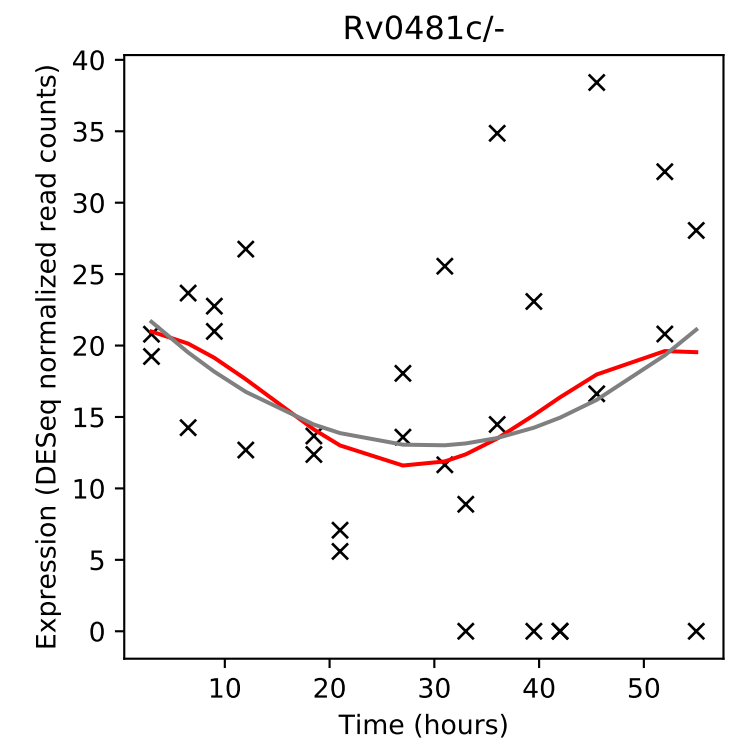

Rv0476/-
Expression (DESeq normalized read counts)
Time (hours)

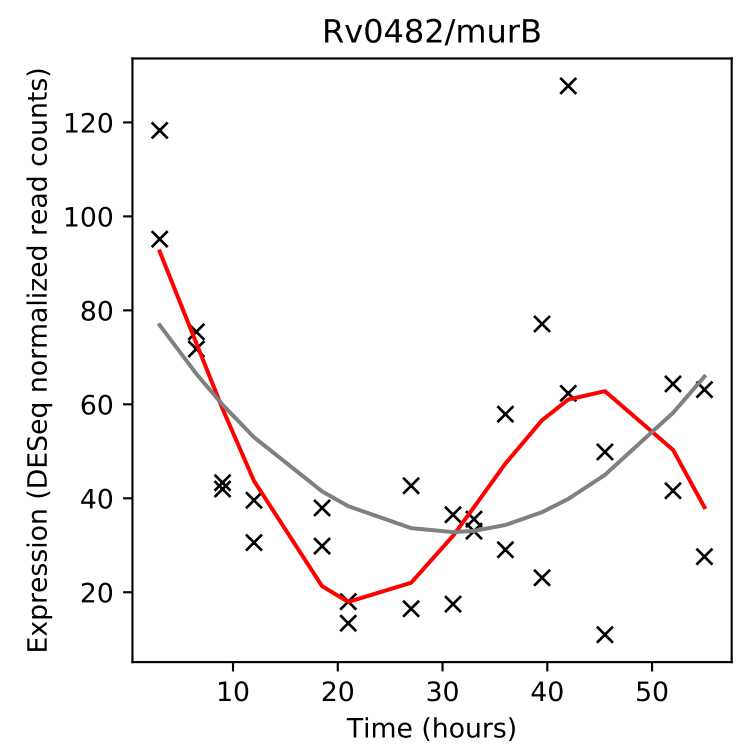

Rv0477/-
Expression (DESeq normalized read counts)
Time (hours)

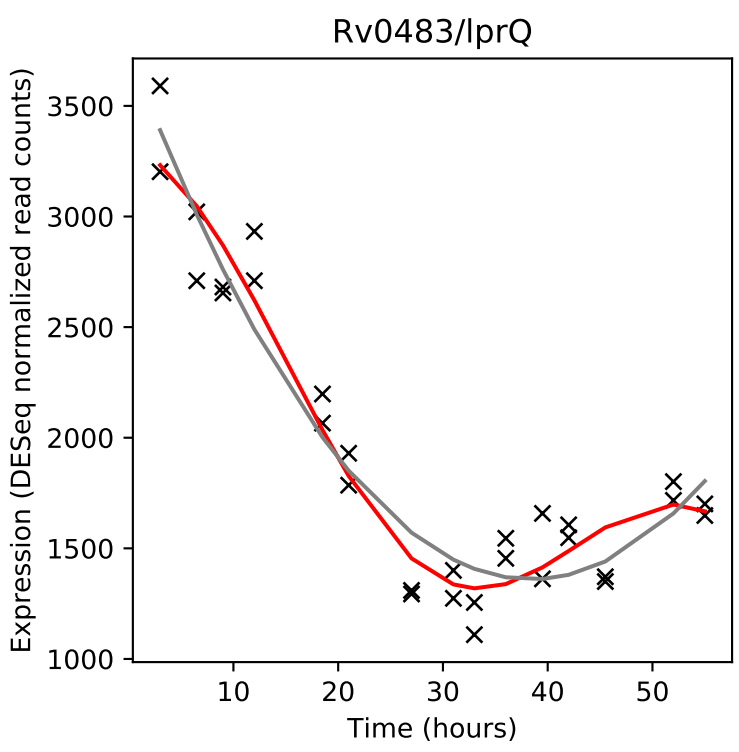

Rv0478/deoC
Expression (DESeq normalized read counts)
Time (hours)

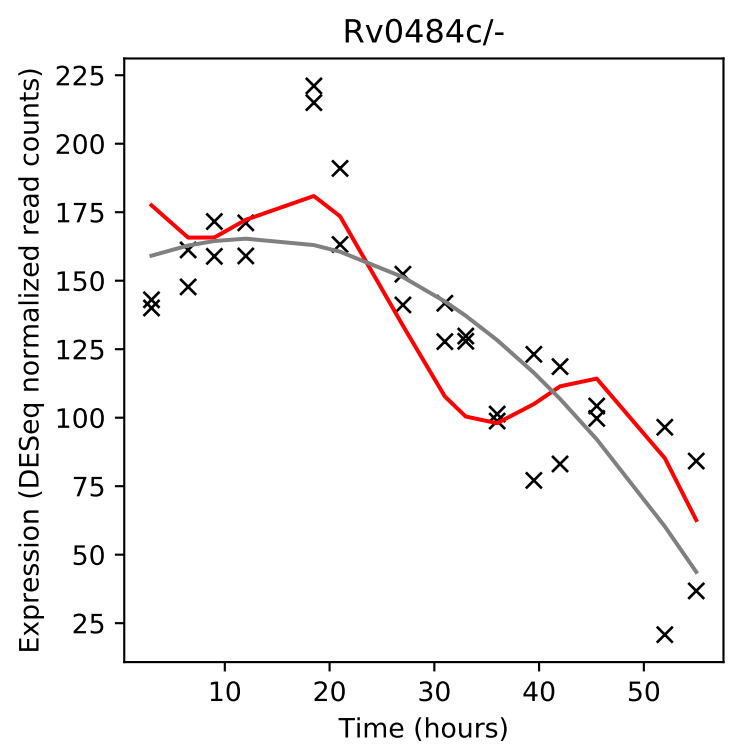

Rv0479c/-
Expression (DESeq normalized read counts)
Time (hours)

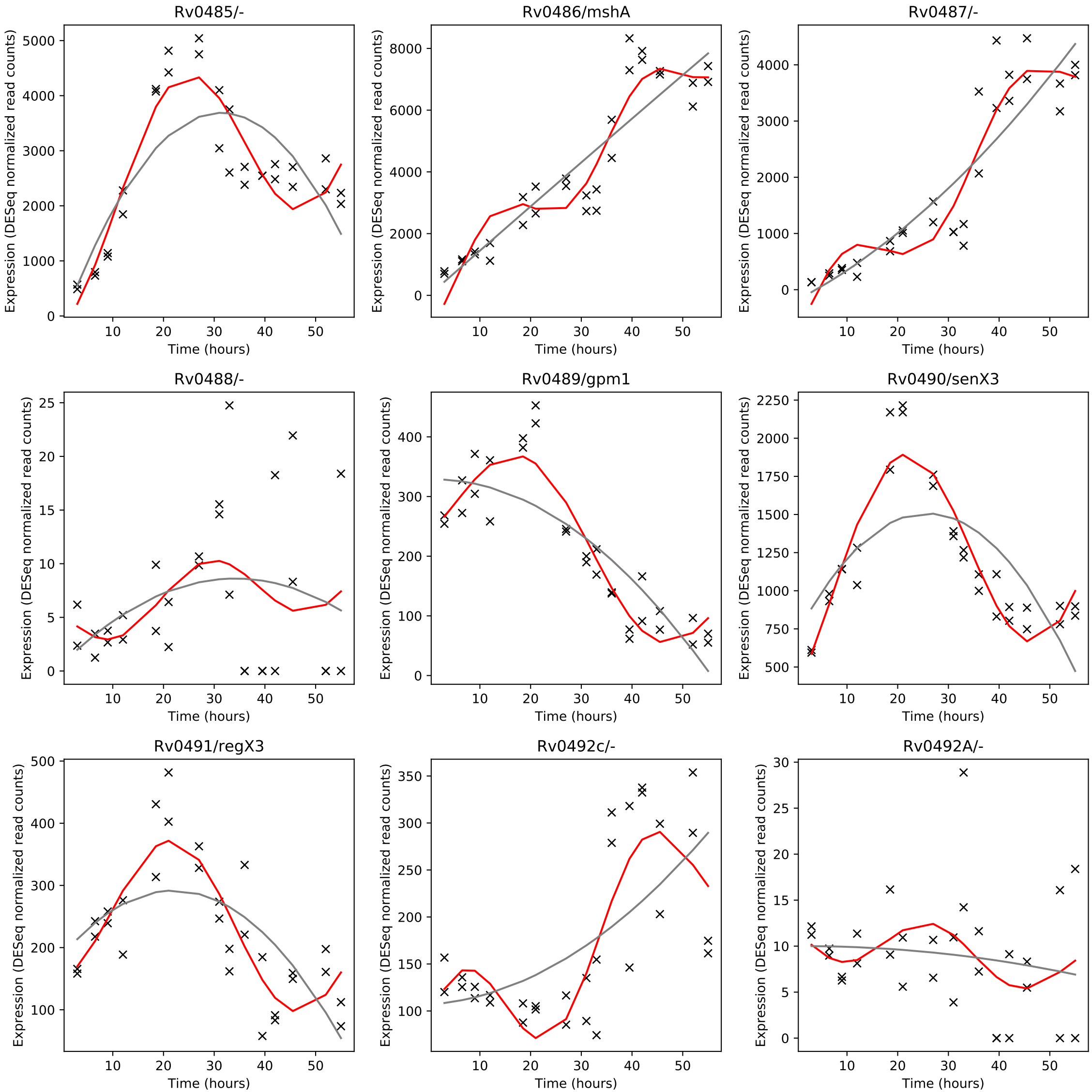

Rv0480c/-
Expression (DESeq normalized read counts)
Time (hours)

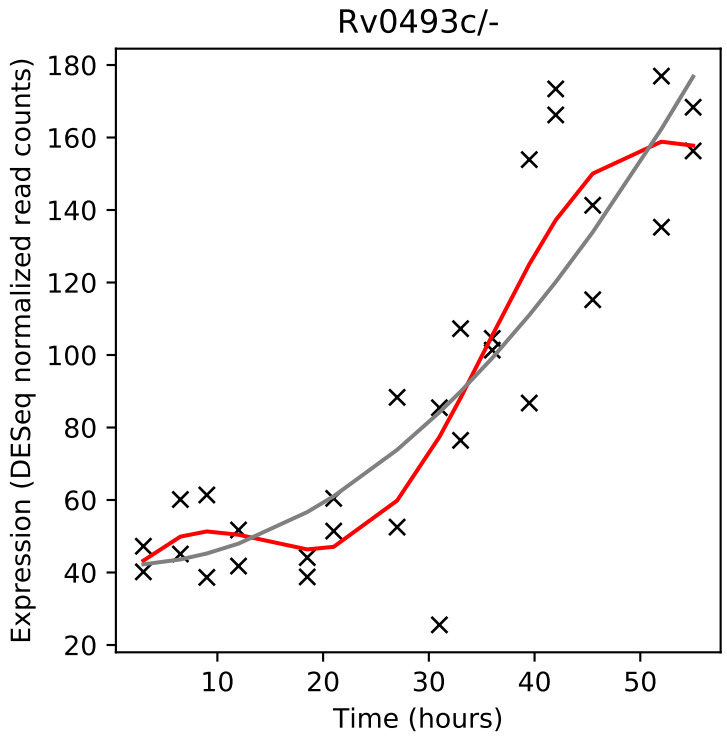

Rv0481c/-
Expression (DESeq normalized read counts)
Time (hours)

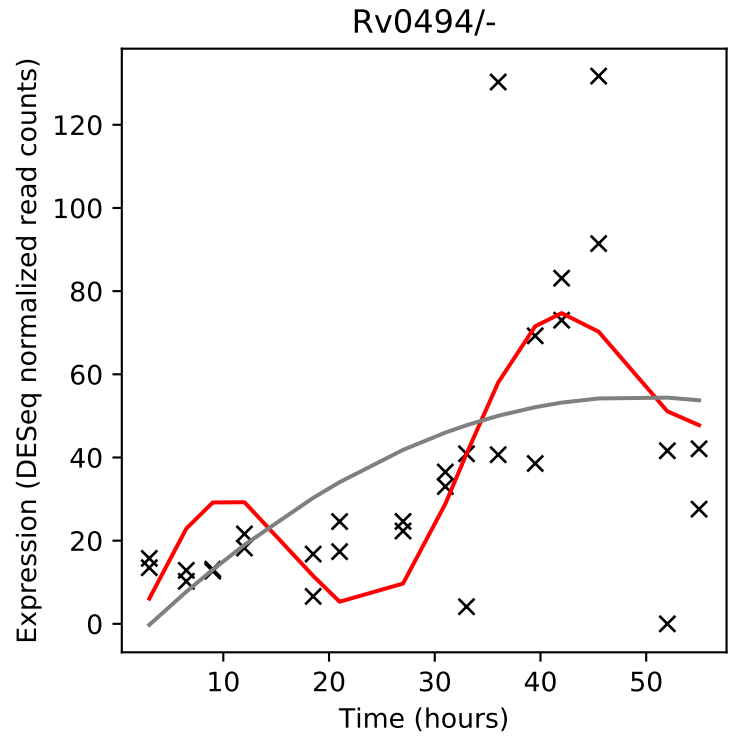

Rv0482/murB
Expression (DESeq normalized read counts)
Time (hours)

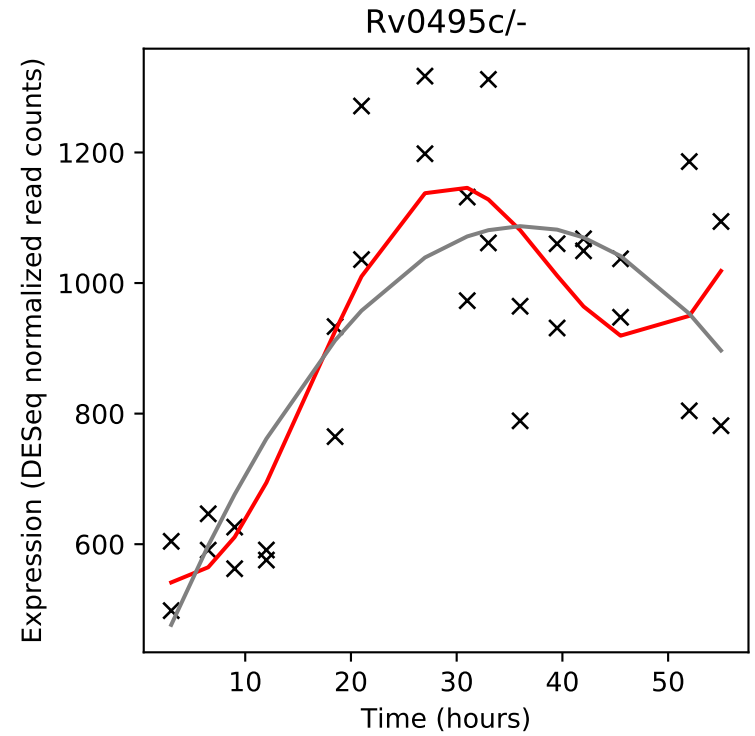

Rv0483/lprQ
Expression (DESeq normalized read counts)
Time (hours)

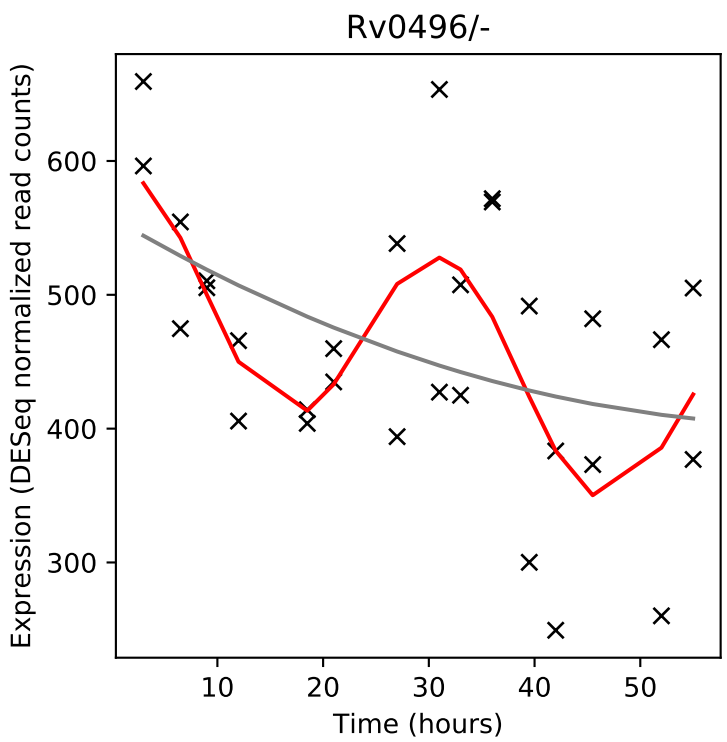

Rv0484c/-
Expression (DESeq normalized read counts)
Time (hours)

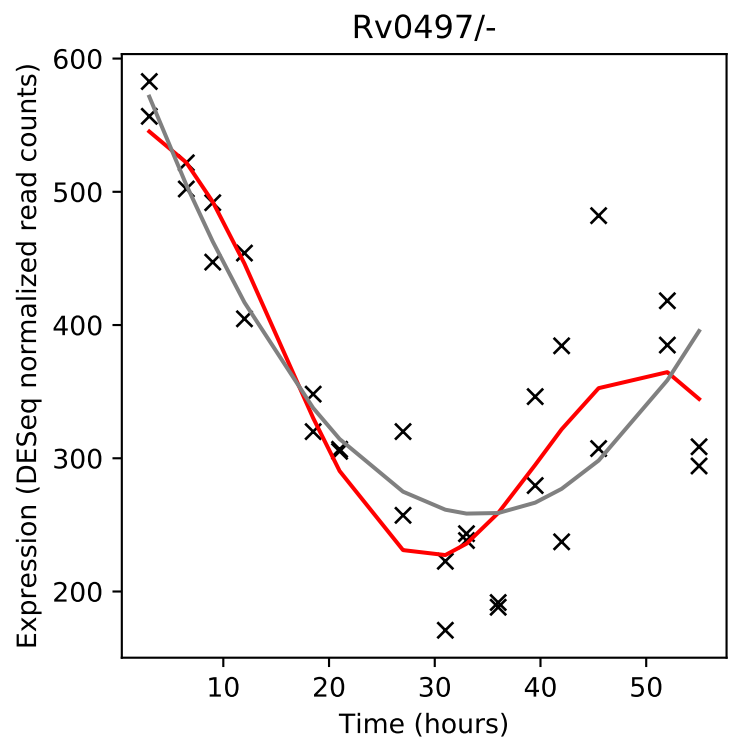

Rv0485/-
Rv0486/mshA
Rv0487/-
Rv0488/-
Rv0489/gpm1
Rv0490/senX3
Rv0491/regX3
Rv0492c/-
Rv0492A/-
Expression (DESeq normalized read counts)
Time (hours)

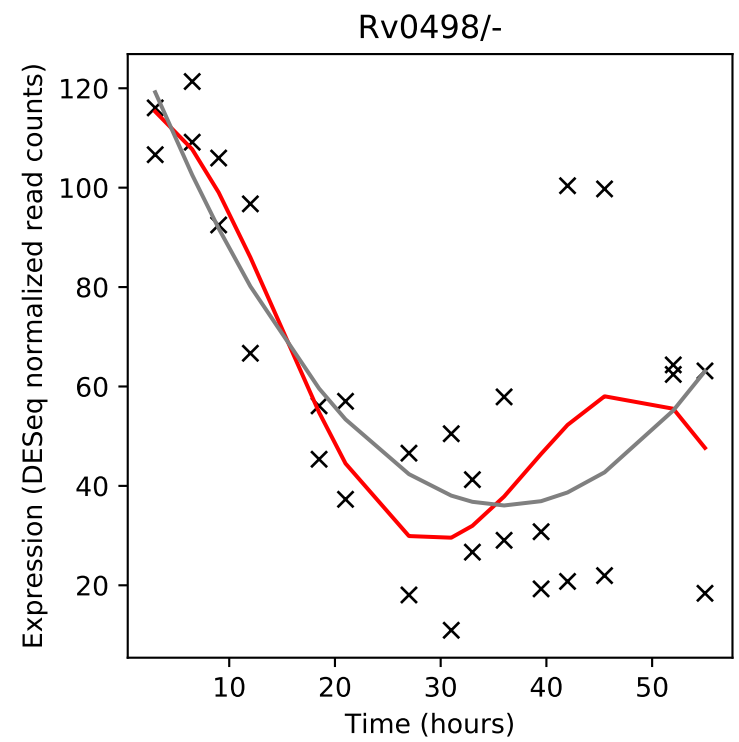

Rv0493c/-
Expression (DESeq normalized read counts)
Time (hours)

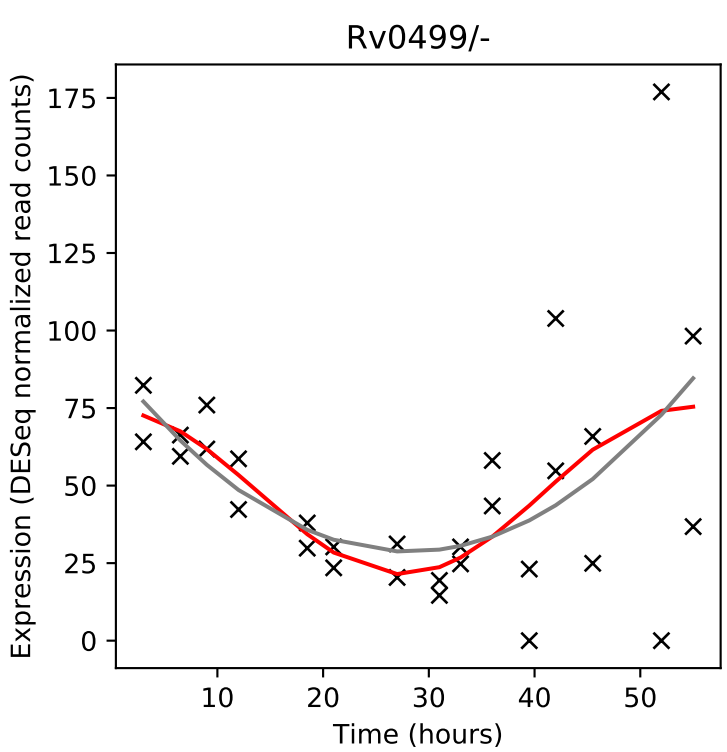

Rv0494/-
Expression (DESeq normalized read counts)
Time (hours)

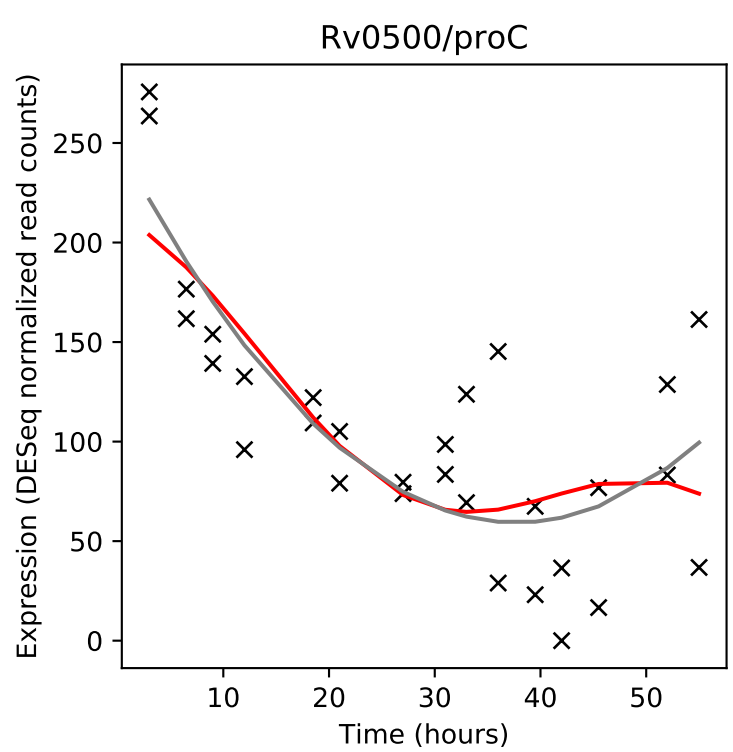

Rv0495c/-
Expression (DESeq normalized read counts)
Time (hours)

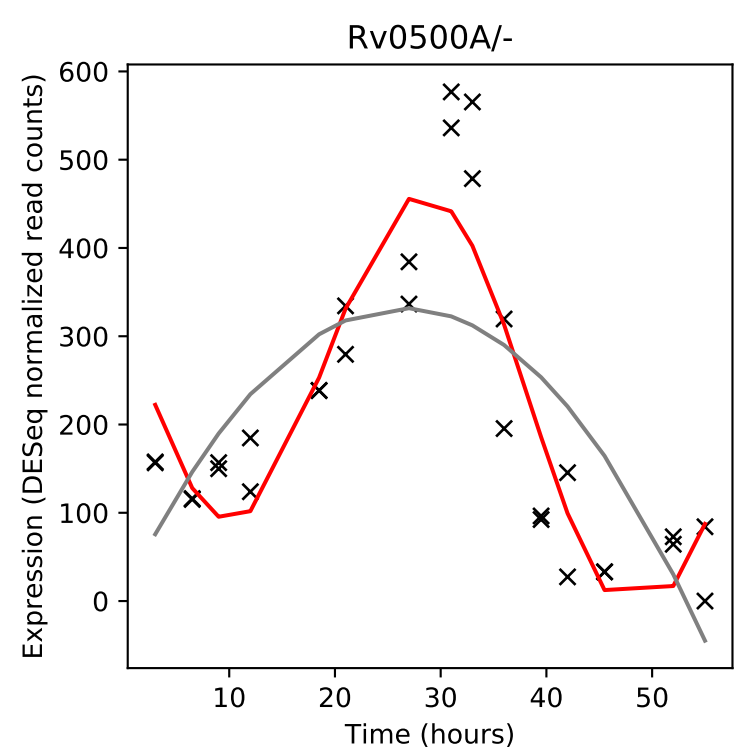

Rv0496/-
Expression (DESeq normalized read counts)
Time (hours)

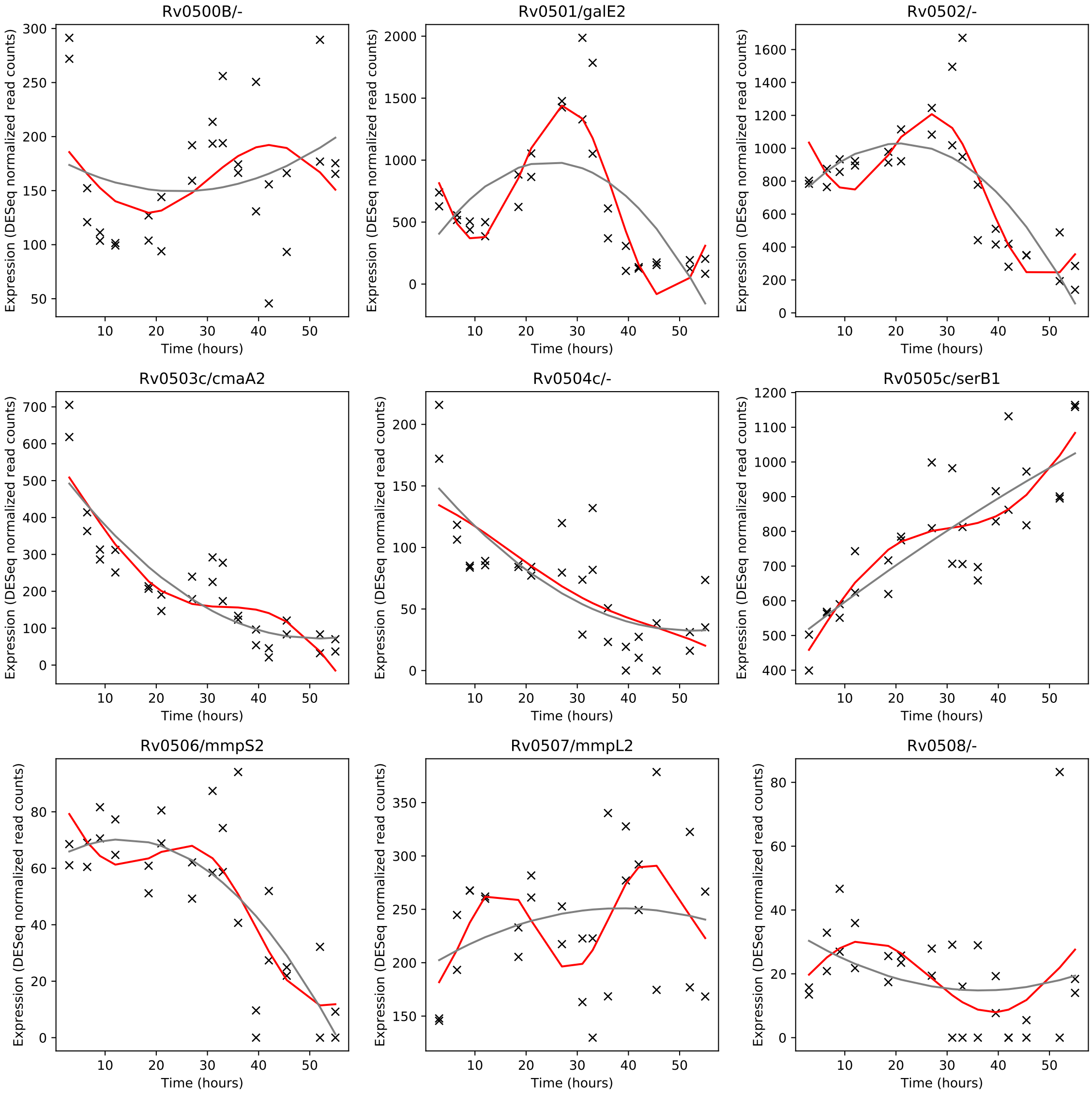

Rv0497/-
Expression (DESeq normalized read counts)
Time (hours)

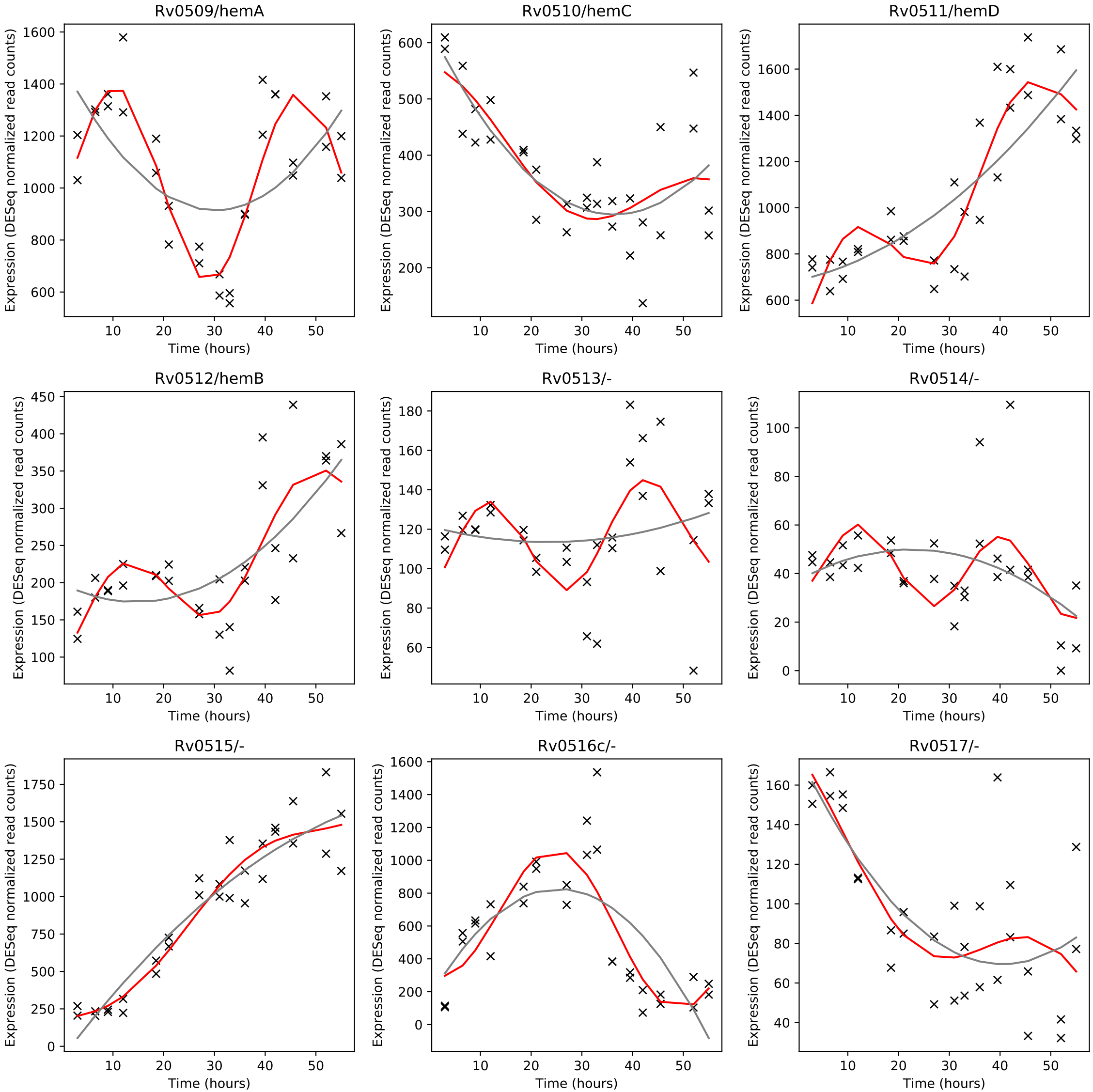

Rv0498/-
Expression (DESeq normalized read counts)
Time (hours)

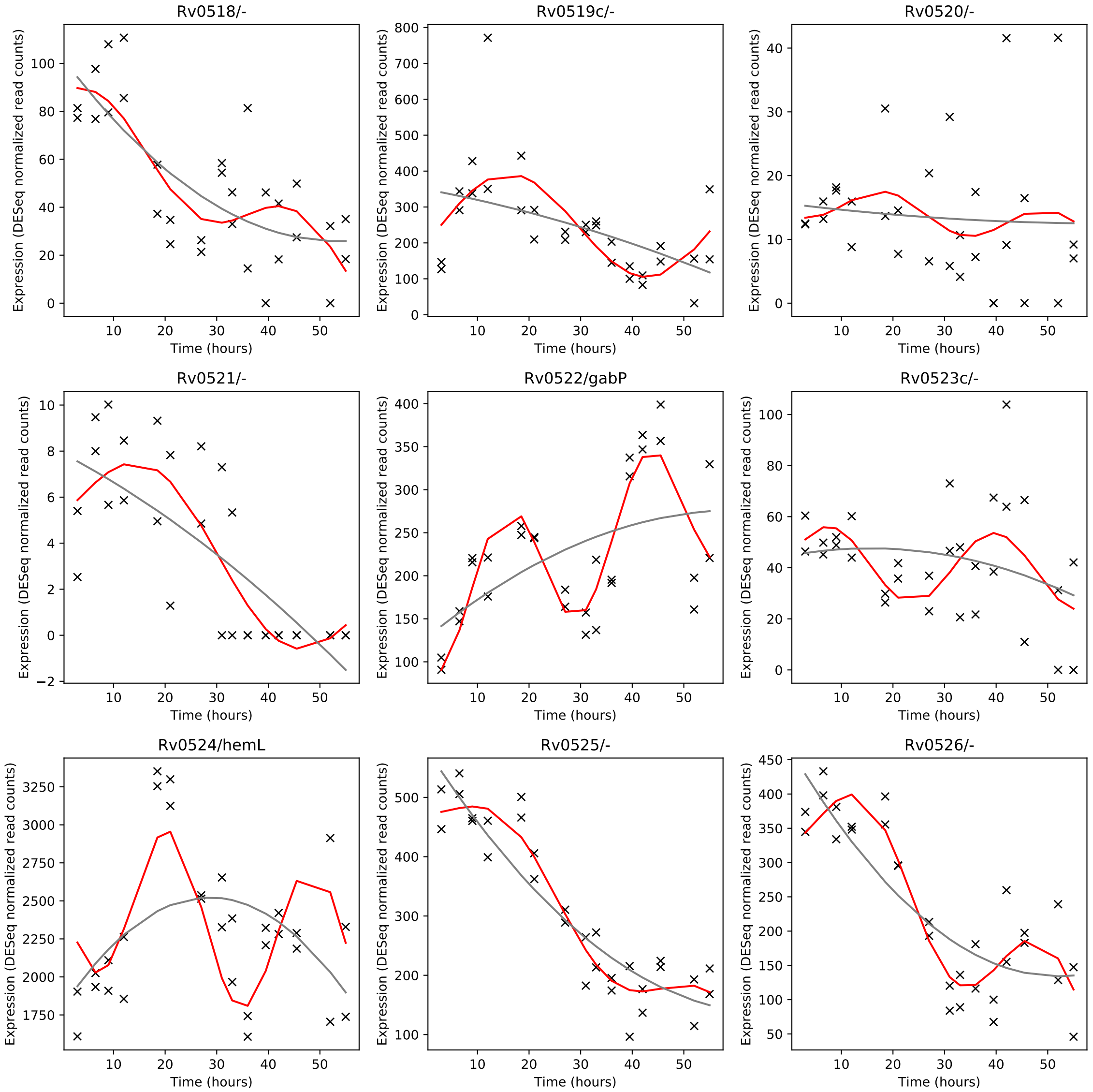

Rv0499/-
Expression (DESeq normalized read counts)
Time (hours)

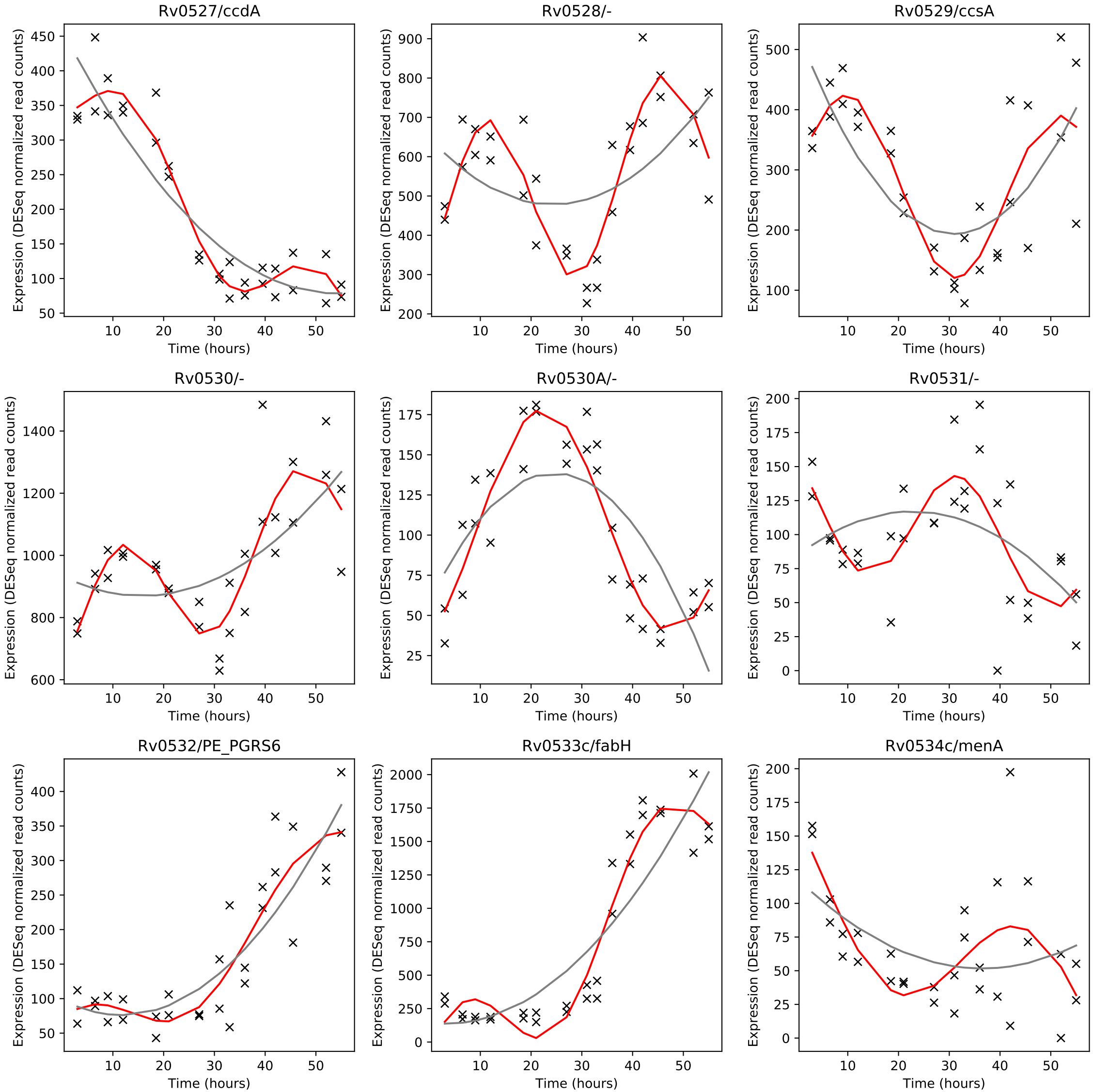

Rv0500/proC
Expression (DESeq normalized read counts)
Time (hours)

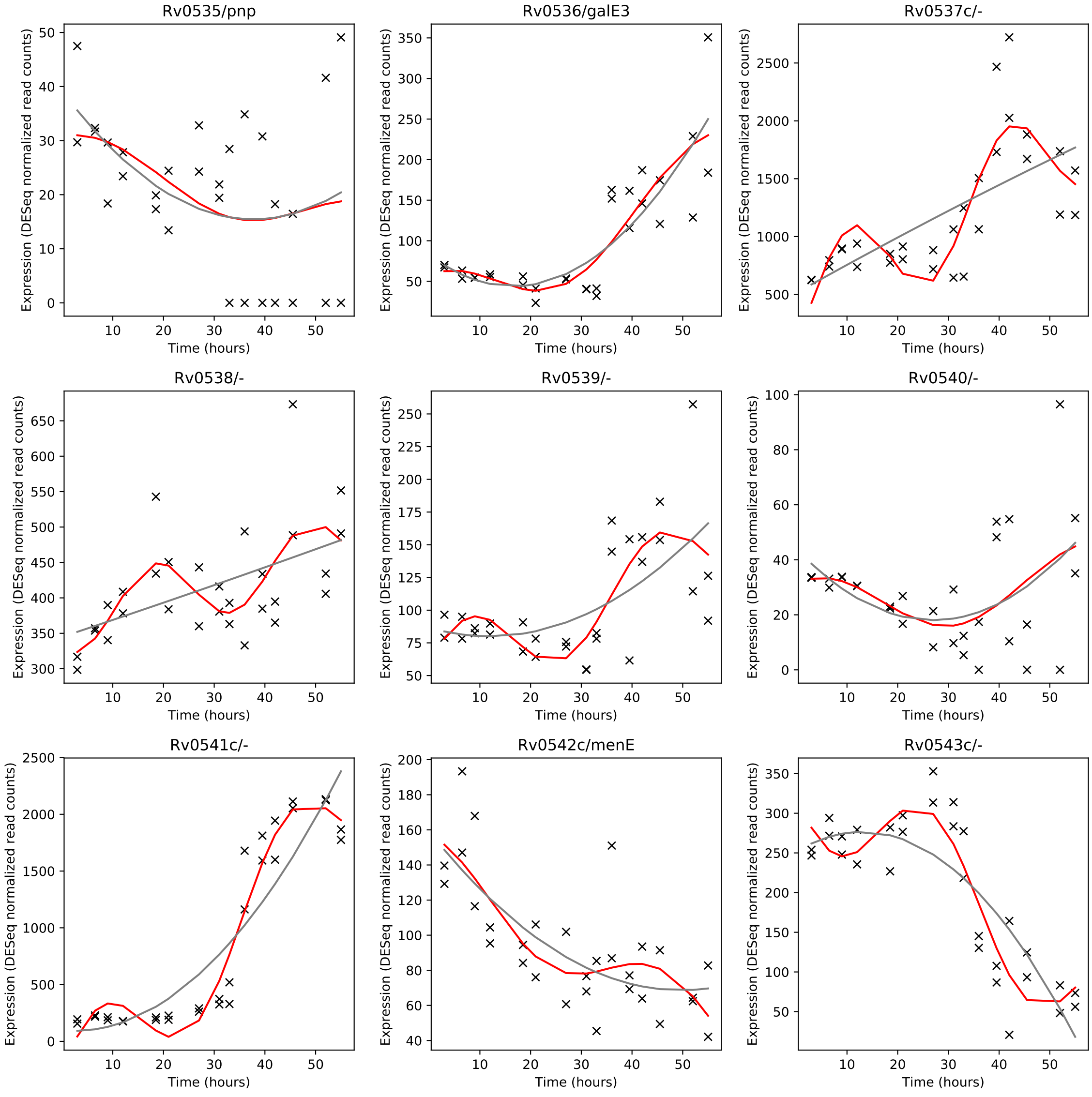

Rv0500A/-
Expression (DESeq normalized read counts)
Time (hours)

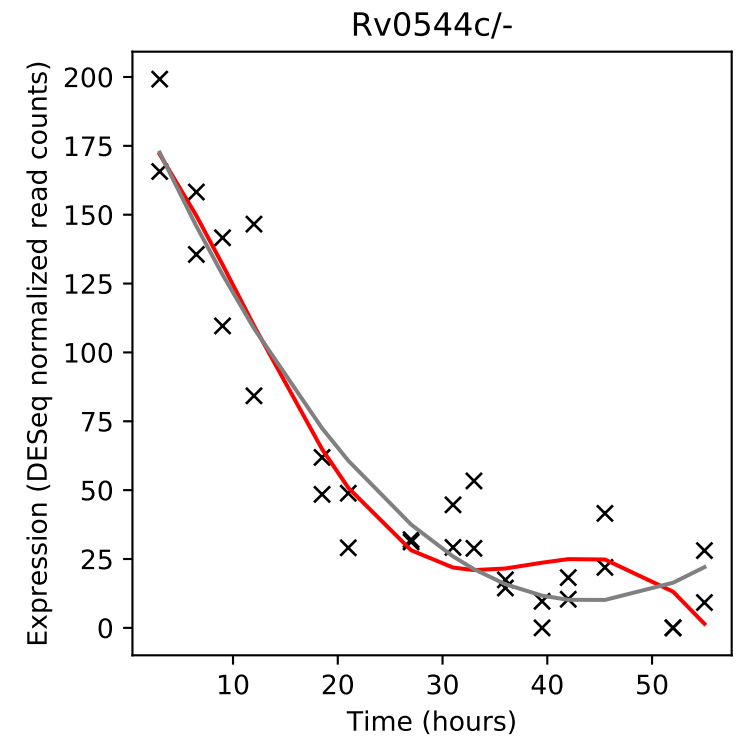

Rv0500B/-
Rv0501/galE2
Rv0502/-
Rv0503c/cmaA2
Rv0504c/-
Rv0505c/serB1
Rv0506/mmpS2
Rv0507/mmpL2
Rv0508/-
Expression (DESeq normalized read counts)
Time (hours)

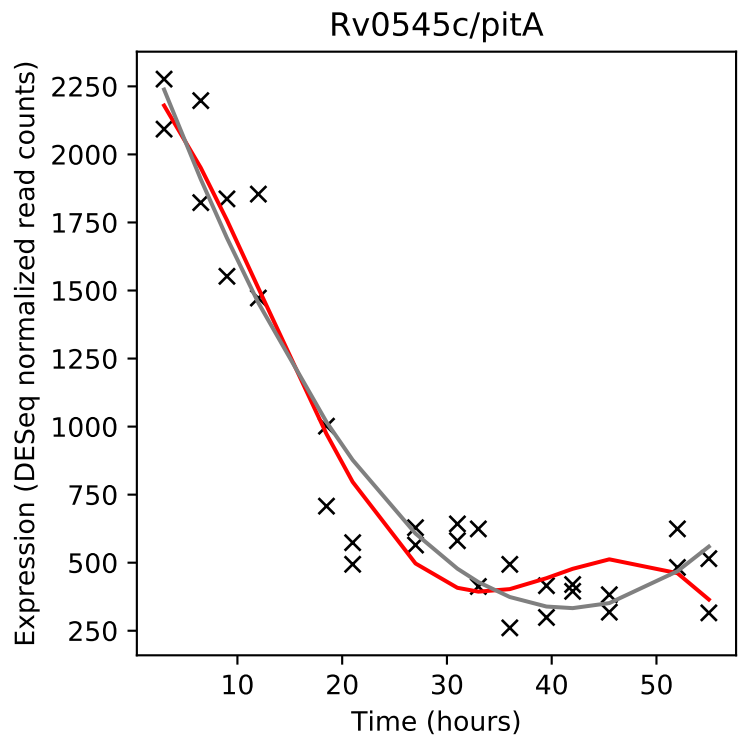

Rv0509/hemA
Rv0510/hemC
Rv0511/hemD
Rv0512/hemB
Rv0513/-
Rv0514/-
Rv0515/-
Rv0516c/-
Rv0517/-
Expression (DESeq normalized read counts)
Time (hours)

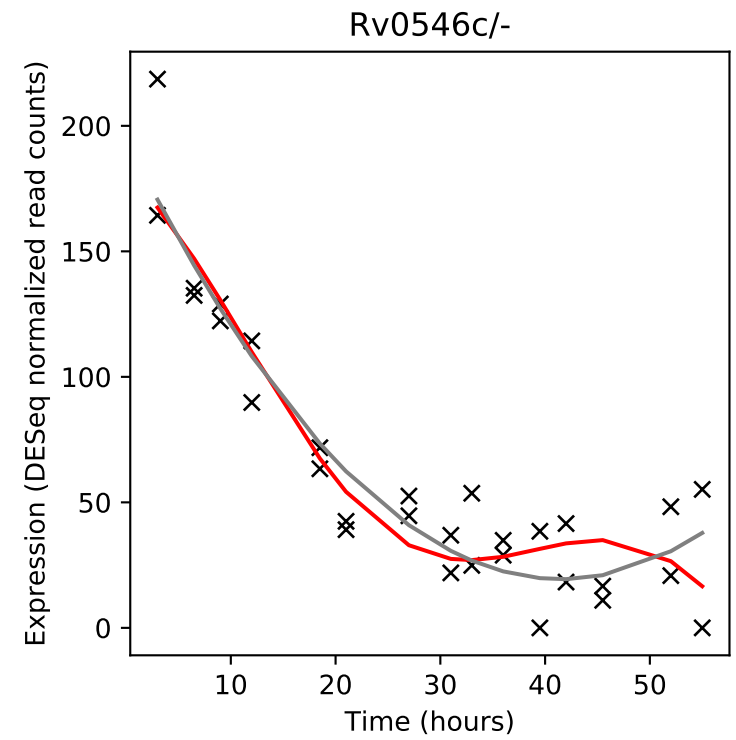

Rv0518/-
Rv0519c/-
Rv0520/-
Rv0521/-
Rv0522/gabP
Rv0523c/-
Rv0524/hemL
Rv0525/-
Rv0526/-
Expression (DESeq normalized read counts)
Time (hours)

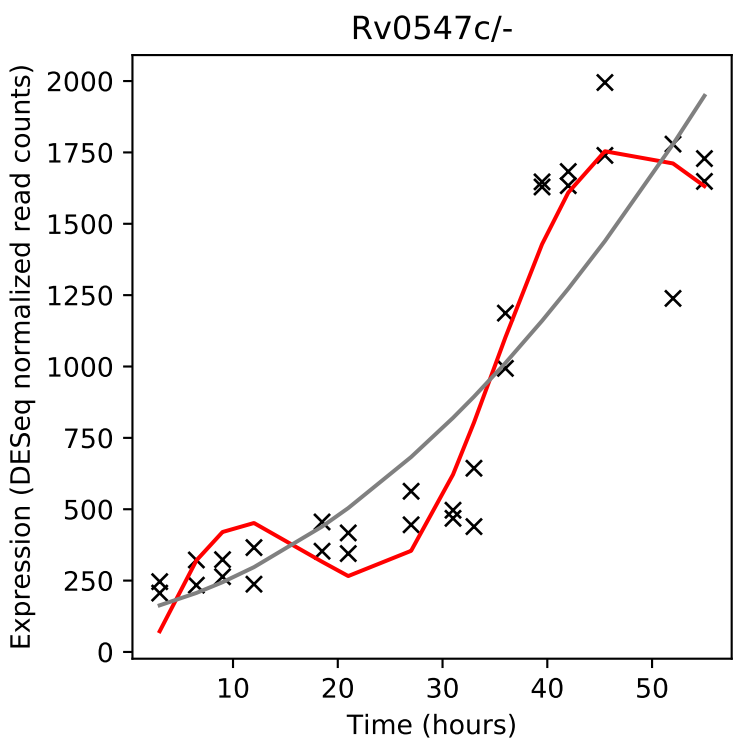

Rv0527/ccdA
Rv0528/-
Rv0529/ccsA
Rv0530/-
Rv0530A/-
Rv0531/-
Rv0532/PE_PGRS6
Rv0533c/fabH
Rv0534c/menA
Expression (DESeq normalized read counts)
Time (hours)

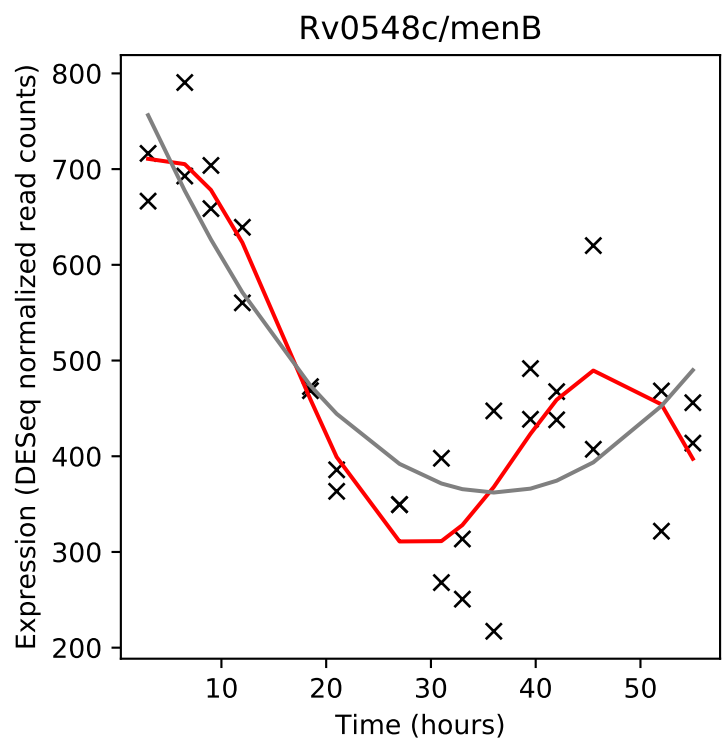

Rv0535/pnp
Rv0536/galE3
Rv0537c/-
Rv0538/-
Rv0539/-
Rv0540/-
Rv0541c/-
Rv0542c/menE
Rv0543c/-
Expression (DESeq normalized read counts)
Time (hours)

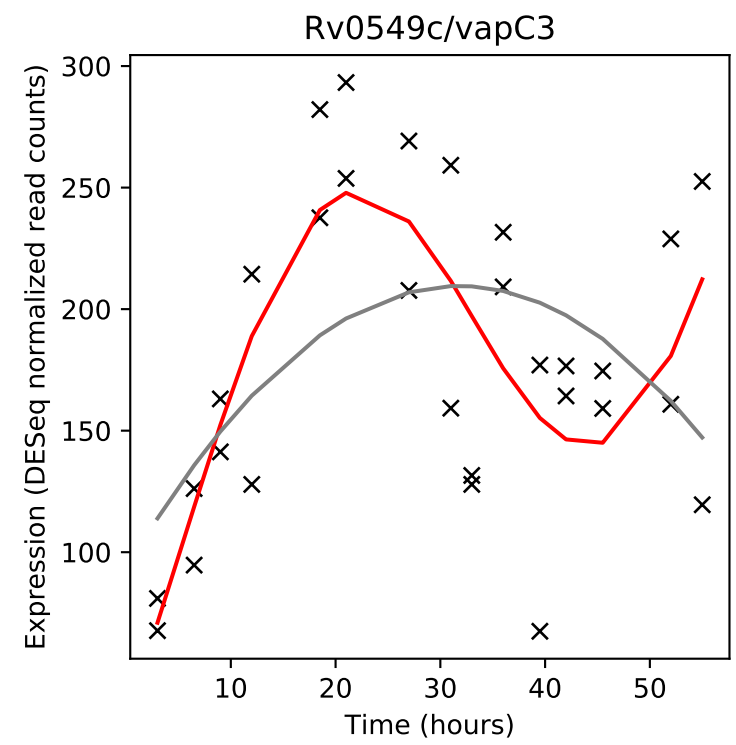

Rv0544c/-
Expression (DESeq normalized read counts)
Time (hours)

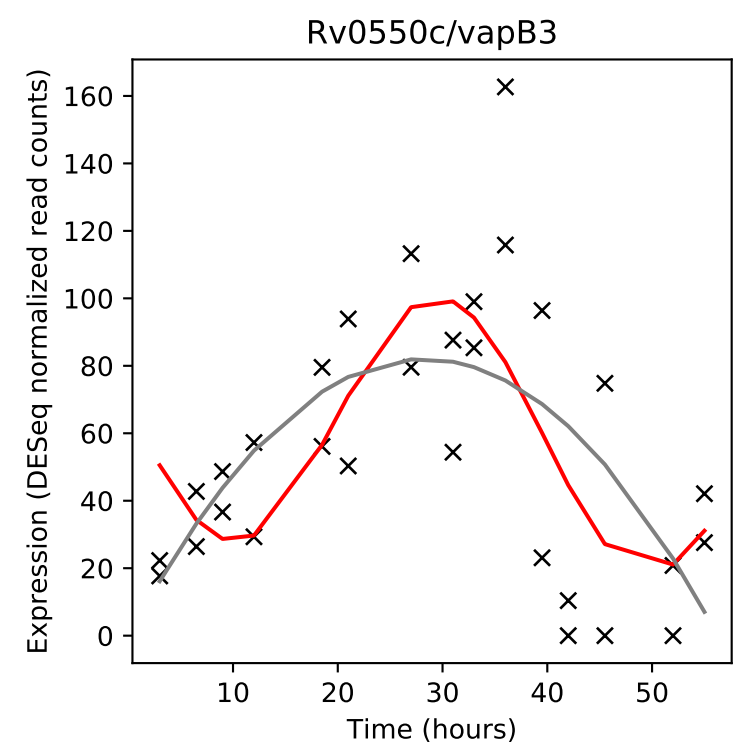

Rv0545c/pitA
Expression (DESeq normalized read counts)
Time (hours)

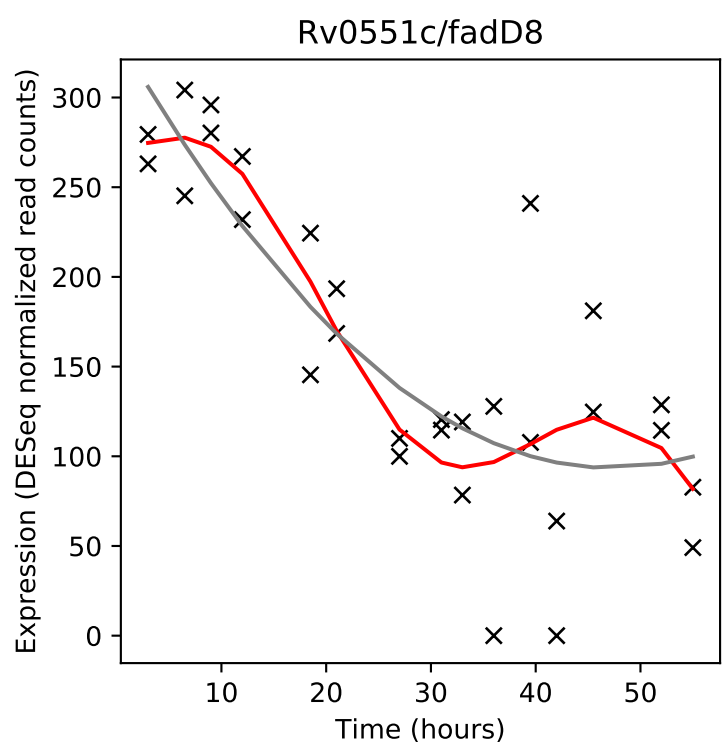

Rv0546c/-
Expression (DESeq normalized read counts)
Time (hours)

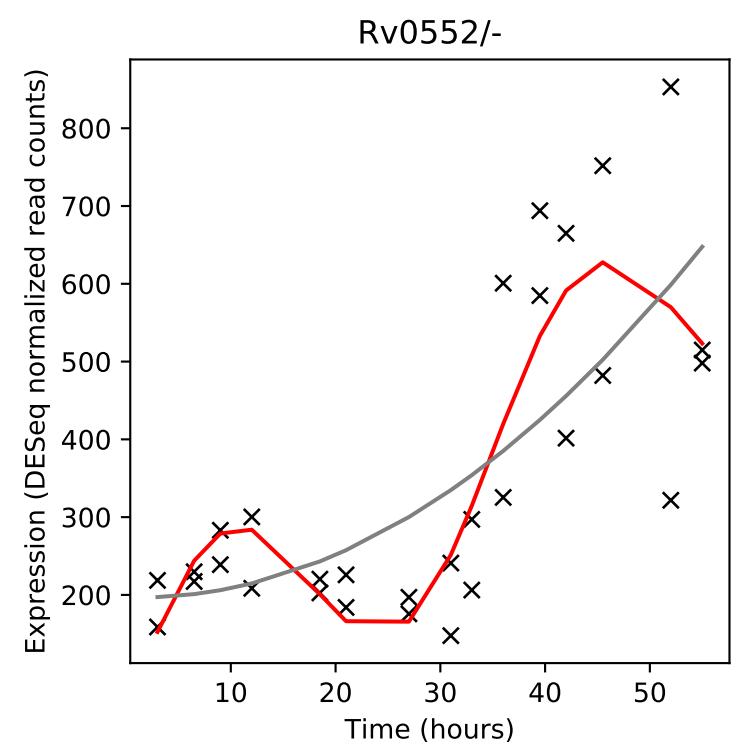

Rv0547c/-
Expression (DESeq normalized read counts)
Time (hours)

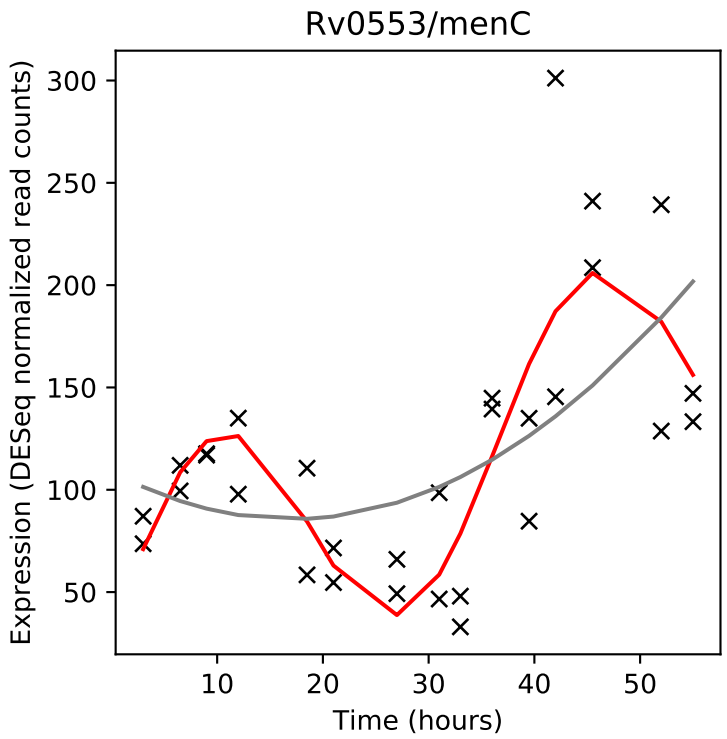

Rv0548c/menB
Expression (DESeq normalized read counts)
Time (hours)

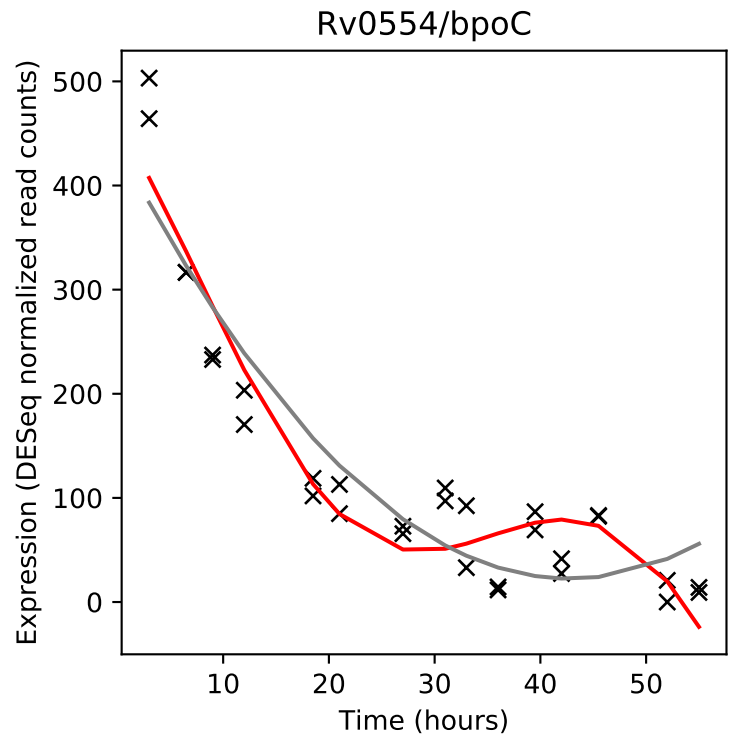

Rv0549c/vapC3
Expression (DESeq normalized read counts)
Time (hours)

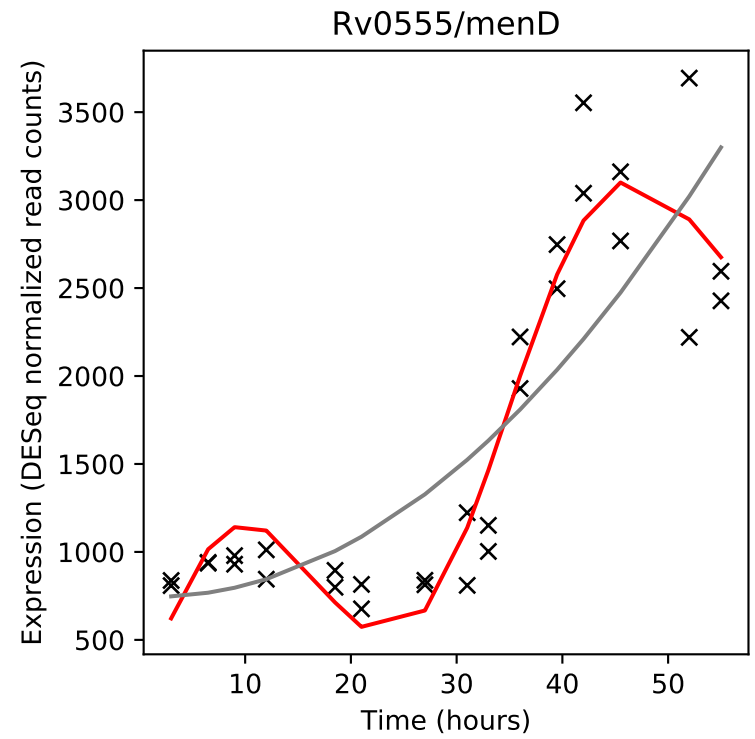

Rv0550c/vapB3
Expression (DESeq normalized read counts)
Time (hours)

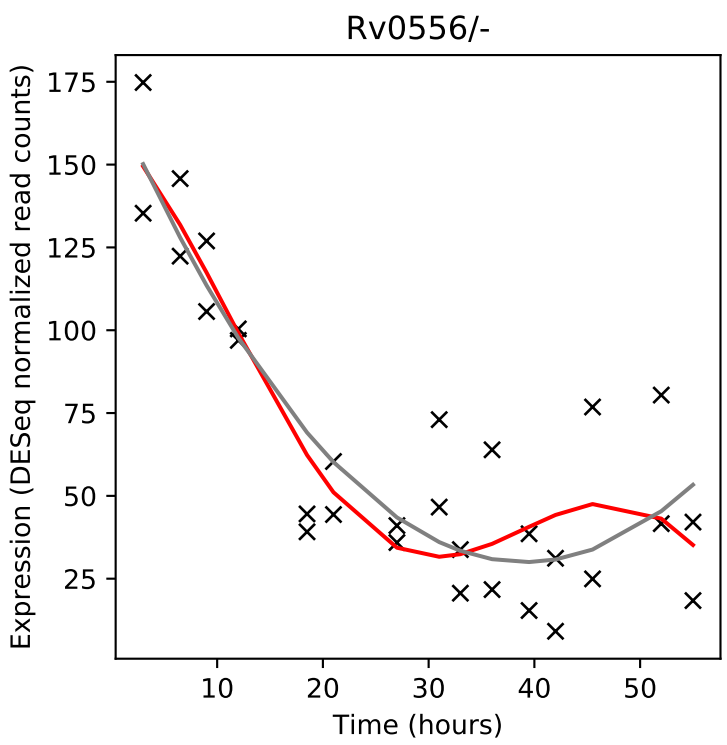

Rv0551c/fadD8
Expression (DESeq normalized read counts)
Time (hours)

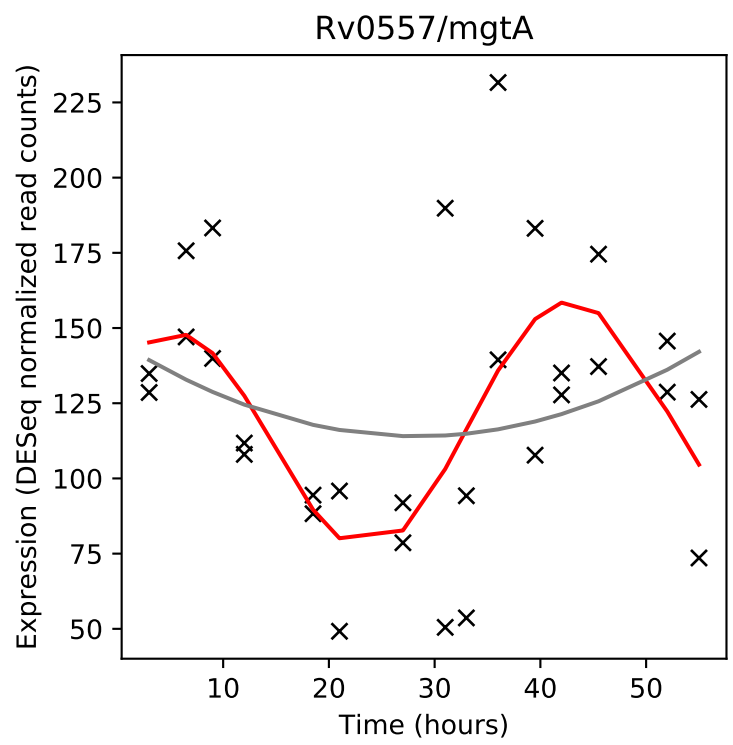

Rv0552/-
Expression (DESeq normalized read counts)
Time (hours)

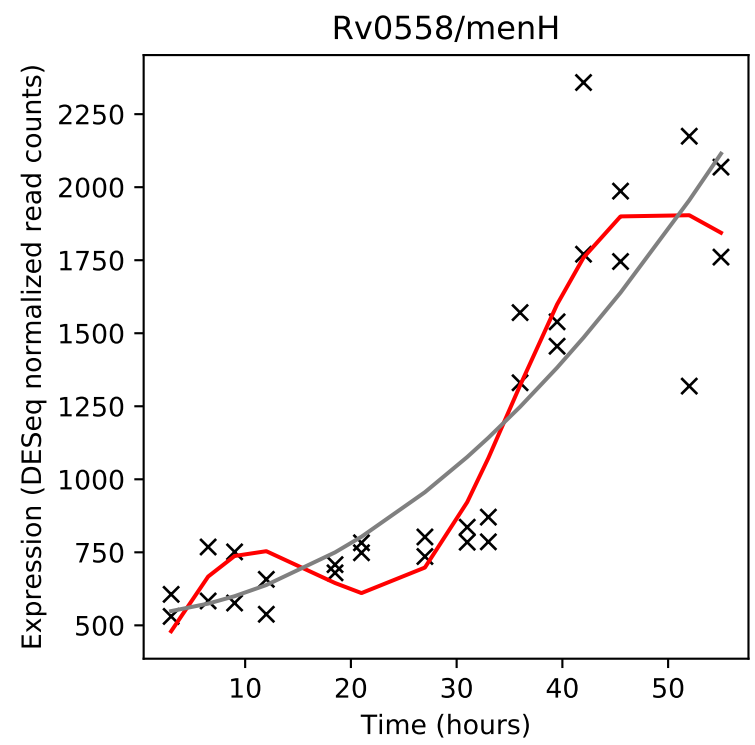

Rv0553/menC
Expression (DESeq normalized read counts)
Time (hours)

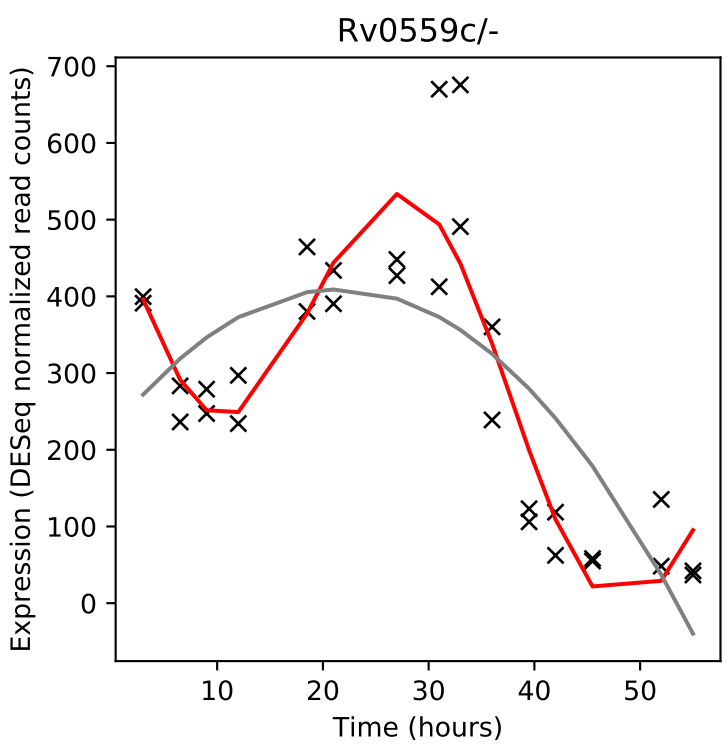

Rv0554/bpoC
Expression (DESeq normalized read counts)
Time (hours)

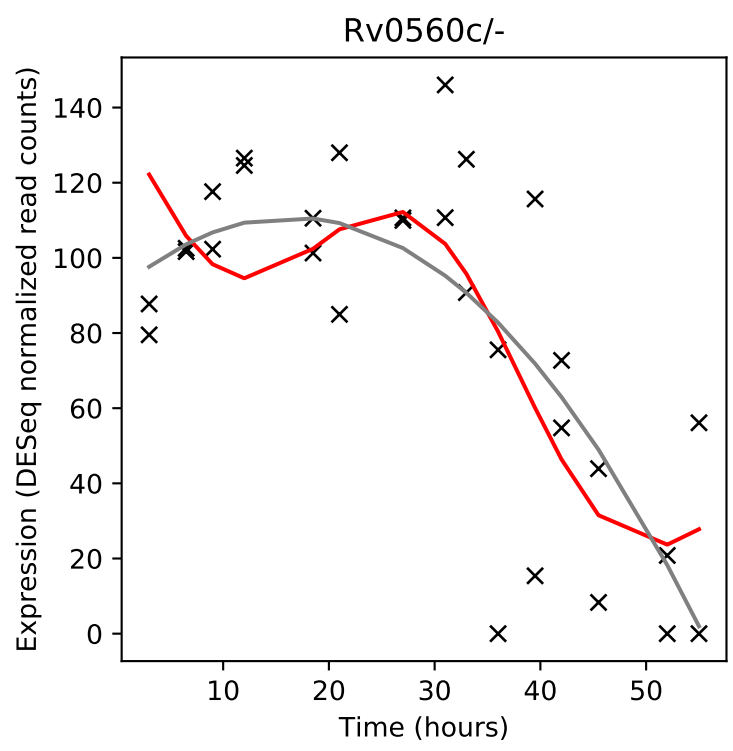

Rv0555/menD
Expression (DESeq normalized read counts)
Time (hours)

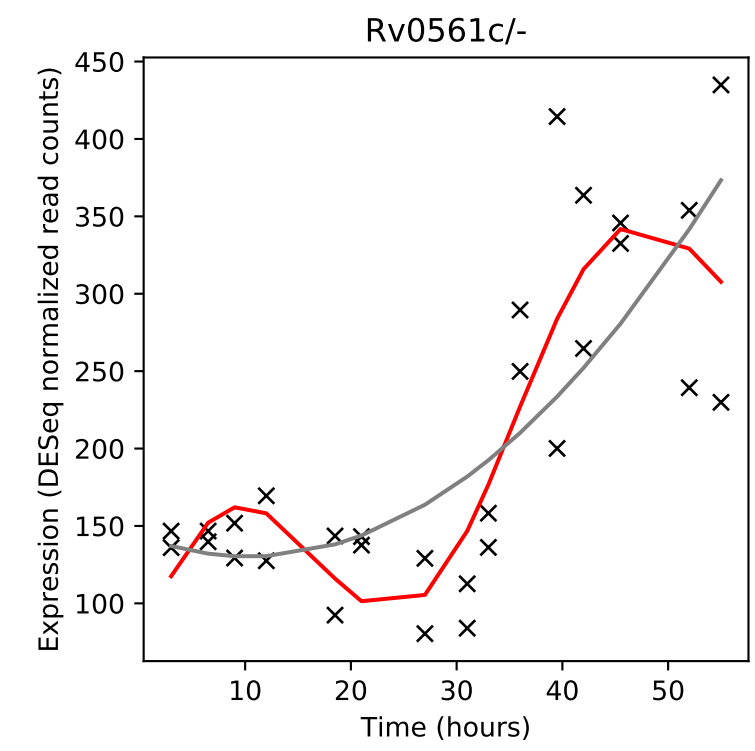

Rv0556/-
Expression (DESeq normalized read counts)
Time (hours)

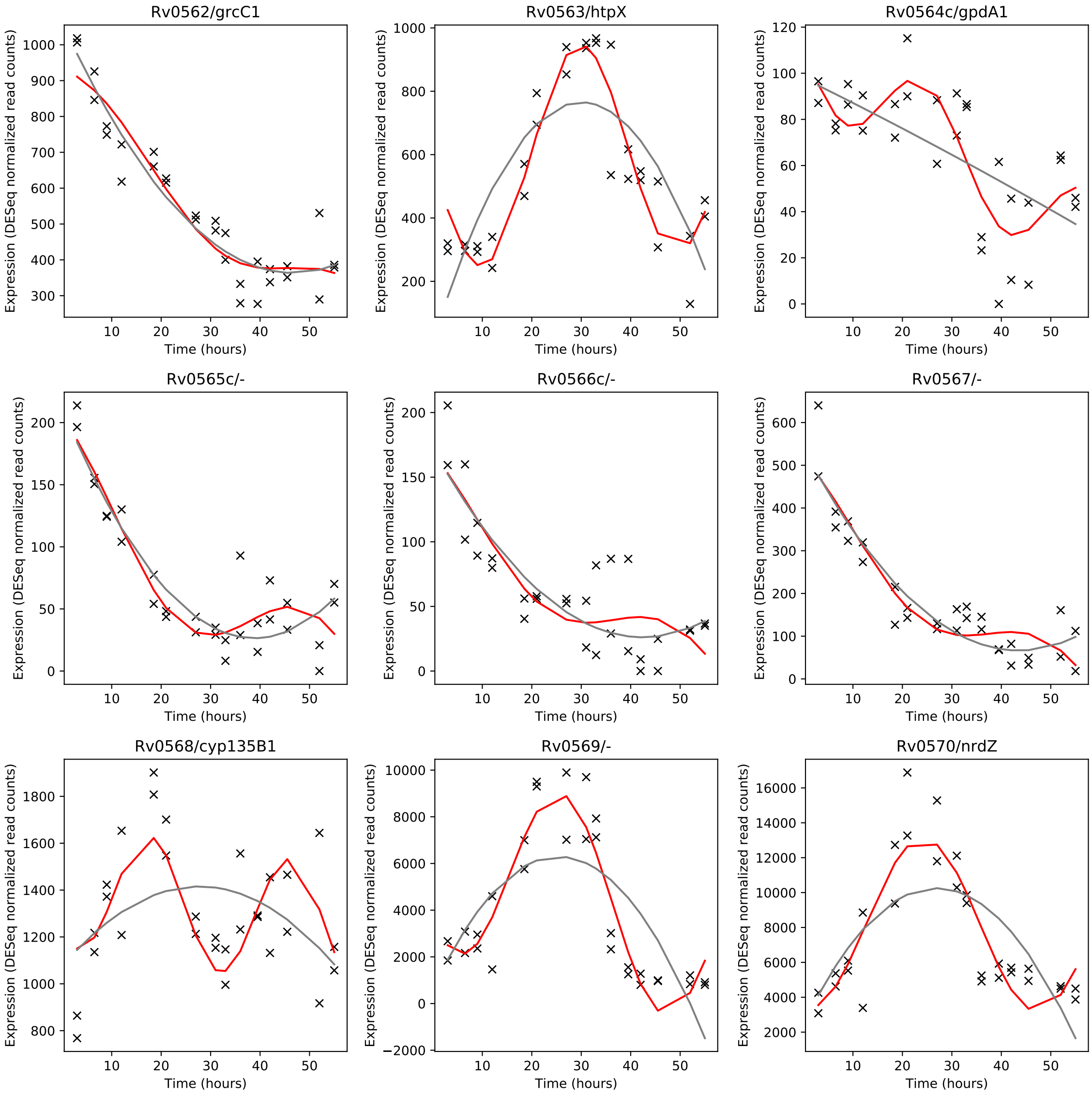

Rv0557/mgtA
Expression (DESeq normalized read counts)
Time (hours)

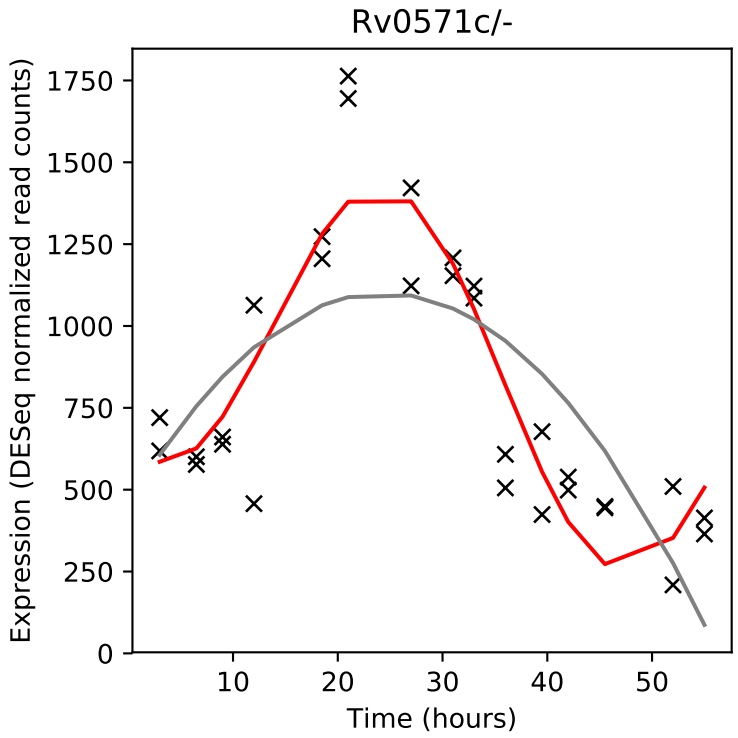

Rv0558/menH
Expression (DESeq normalized read counts)
Time (hours)

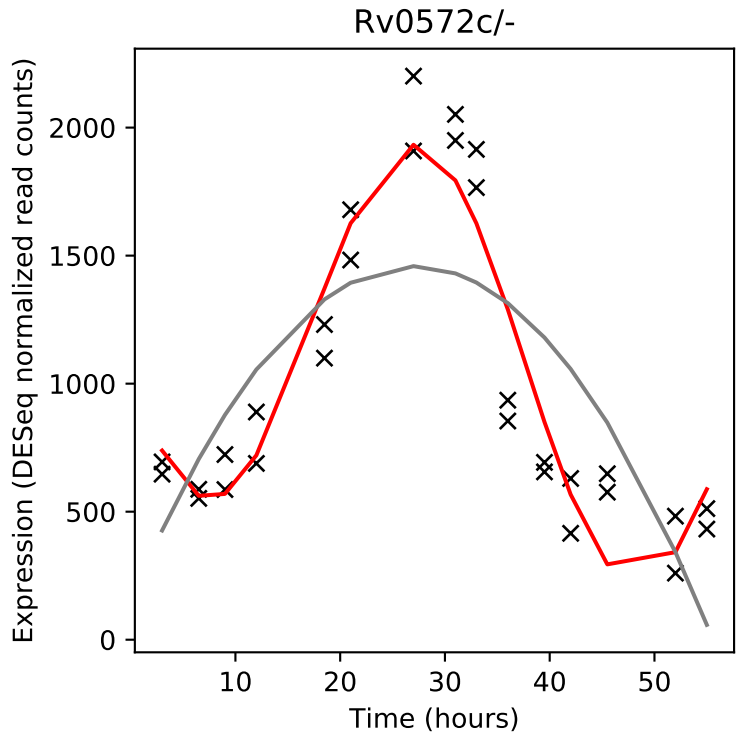

Rv0559c/-
Expression (DESeq normalized read counts)
Time (hours)

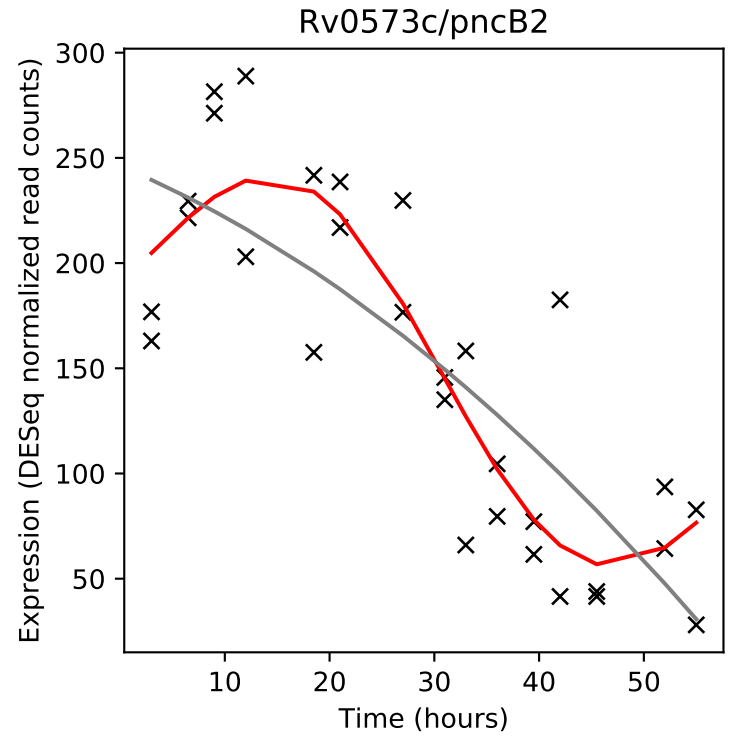

Rv0560c/-
Expression (DESeq normalized read counts)
Time (hours)

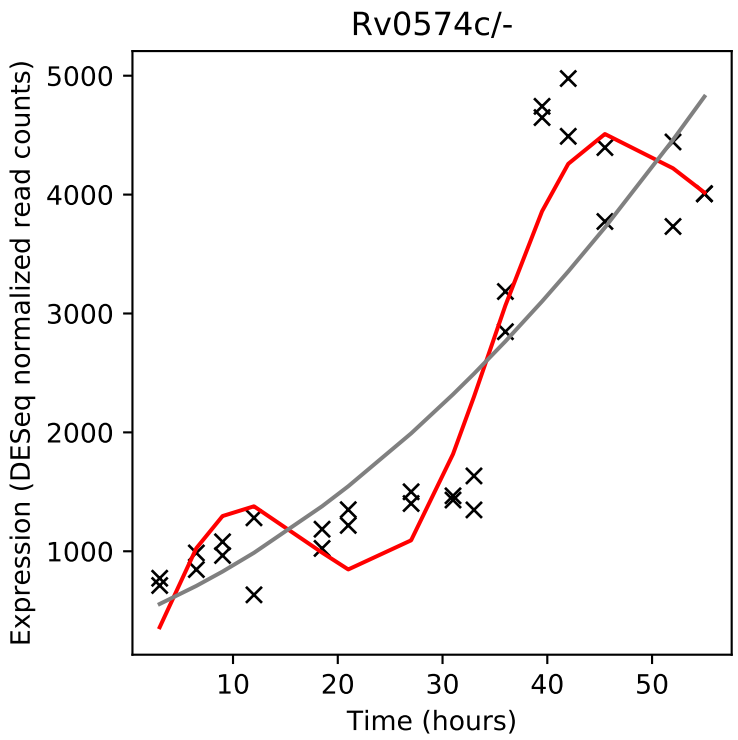

Rv0561c/-
Expression (DESeq normalized read counts)
Time (hours)

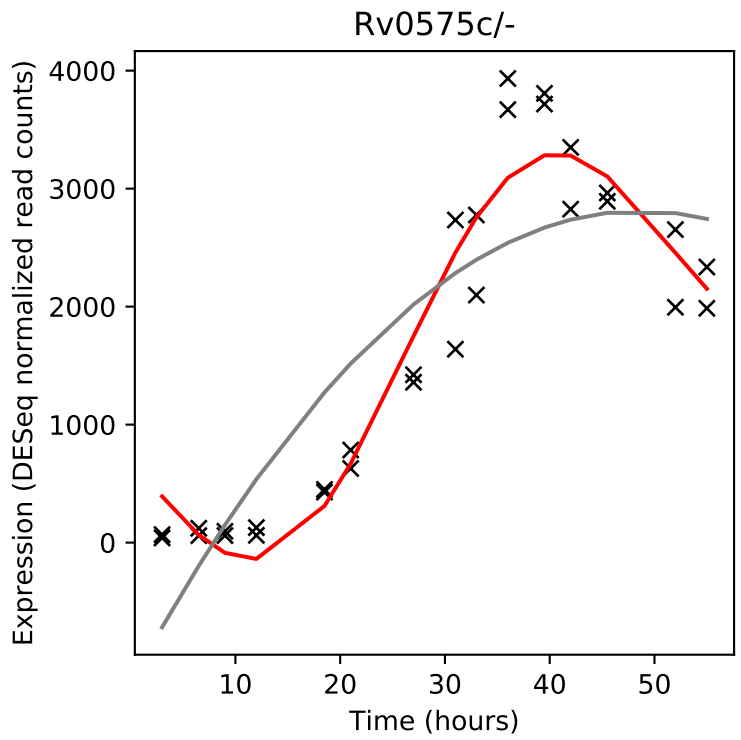

Rv0562/grcC1
Rv0563/htpX
Rv0564c/gpdA1
Rv0565c/-
Rv0566c/-
Rv0567/-
Rv0568/cyp135B1
Rv0569/-
Rv0570/nrdZ
Expression (DESeq normalized read counts)
Time (hours)

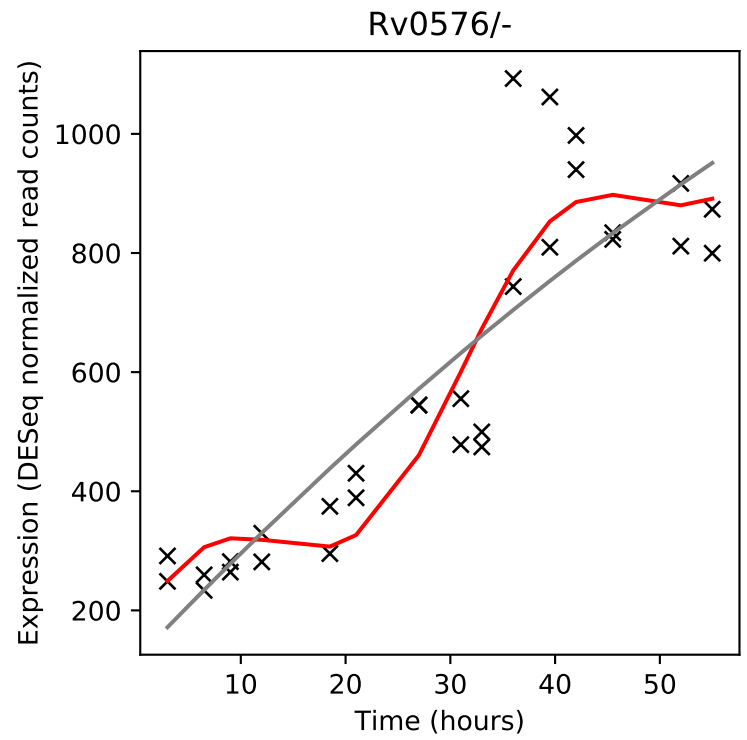

Rv0571c/-
Expression (DESeq normalized read counts)
Time (hours)

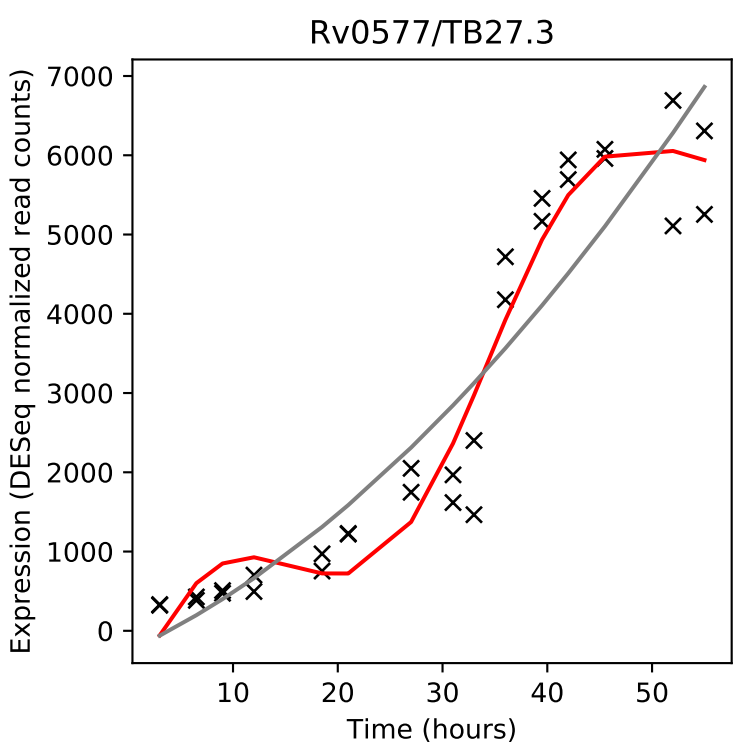

Rv0572c/-
Expression (DESeq normalized read counts)
Time (hours)

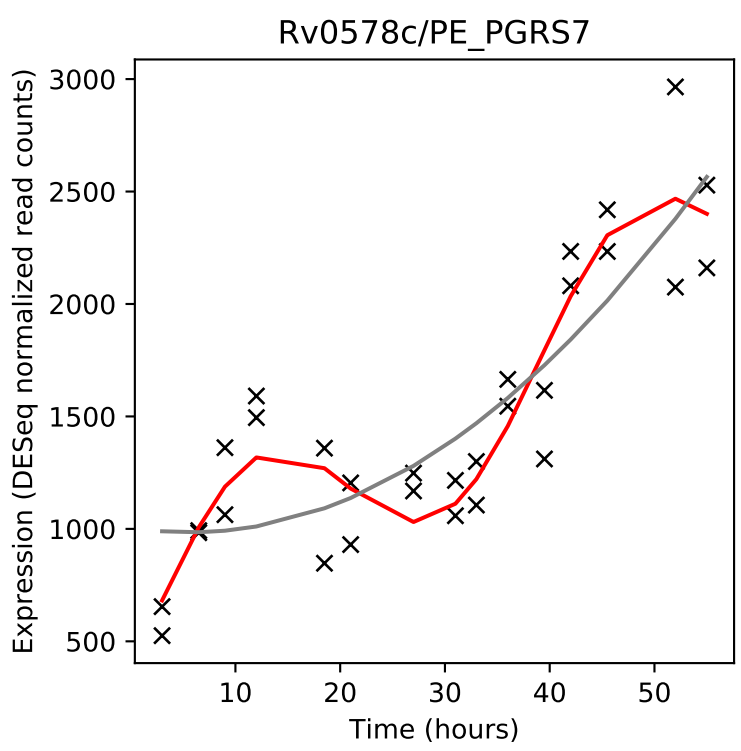

Rv0573c/pncB2
Expression (DESeq normalized read counts)
Time (hours)

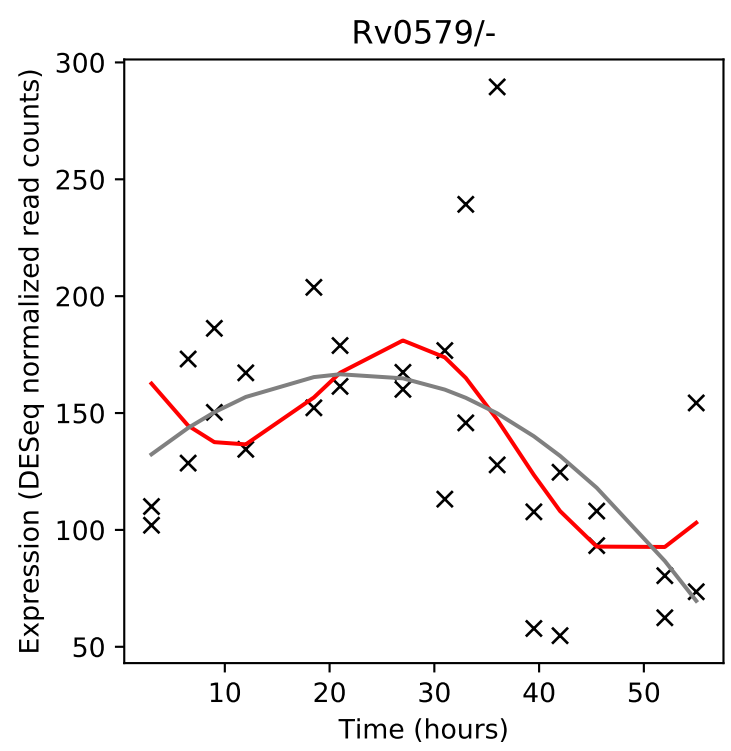

Rv0574c/-
Expression (DESeq normalized read counts)
Time (hours)

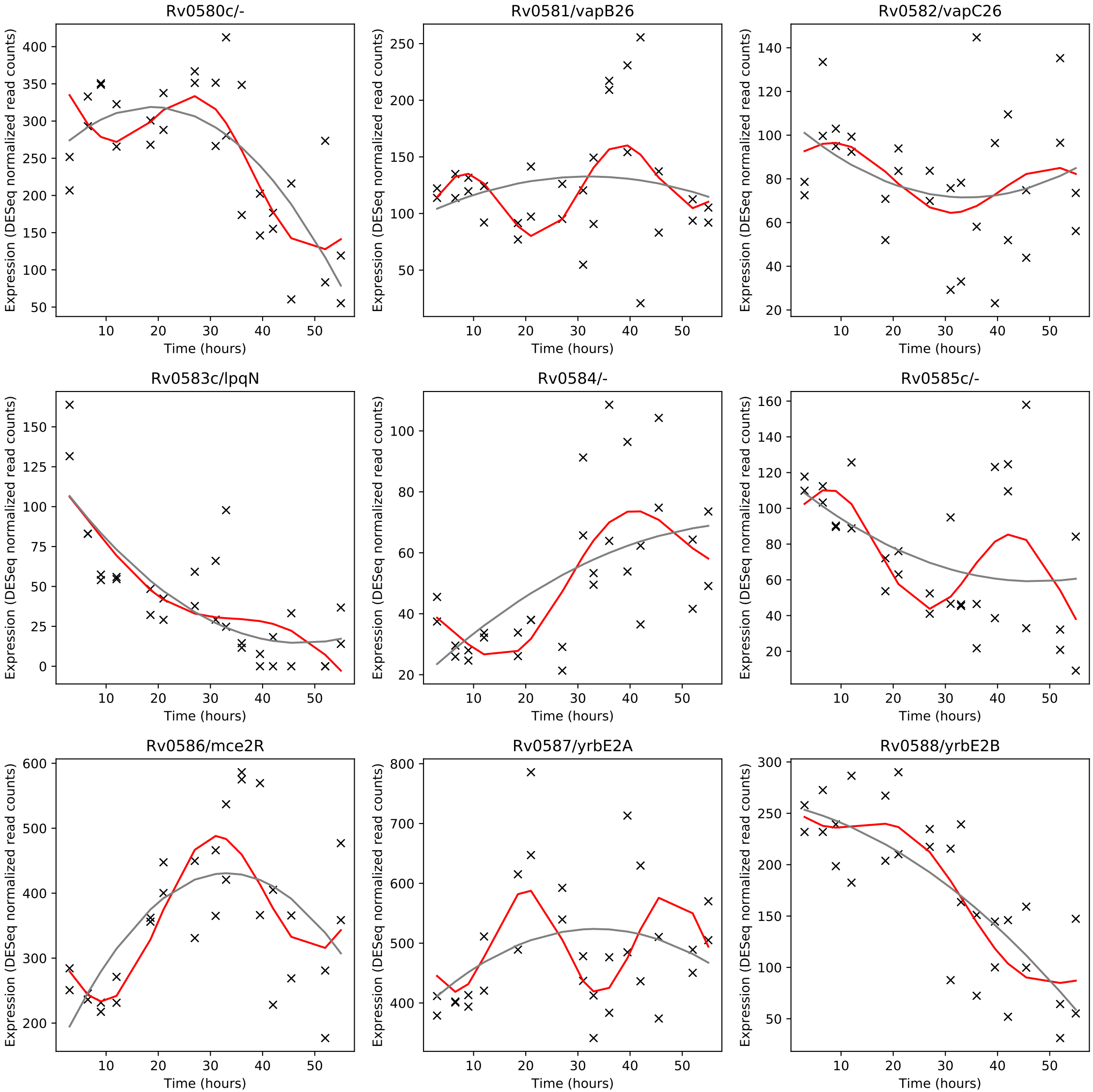

Rv0575c/-
Expression (DESeq normalized read counts)
Time (hours)

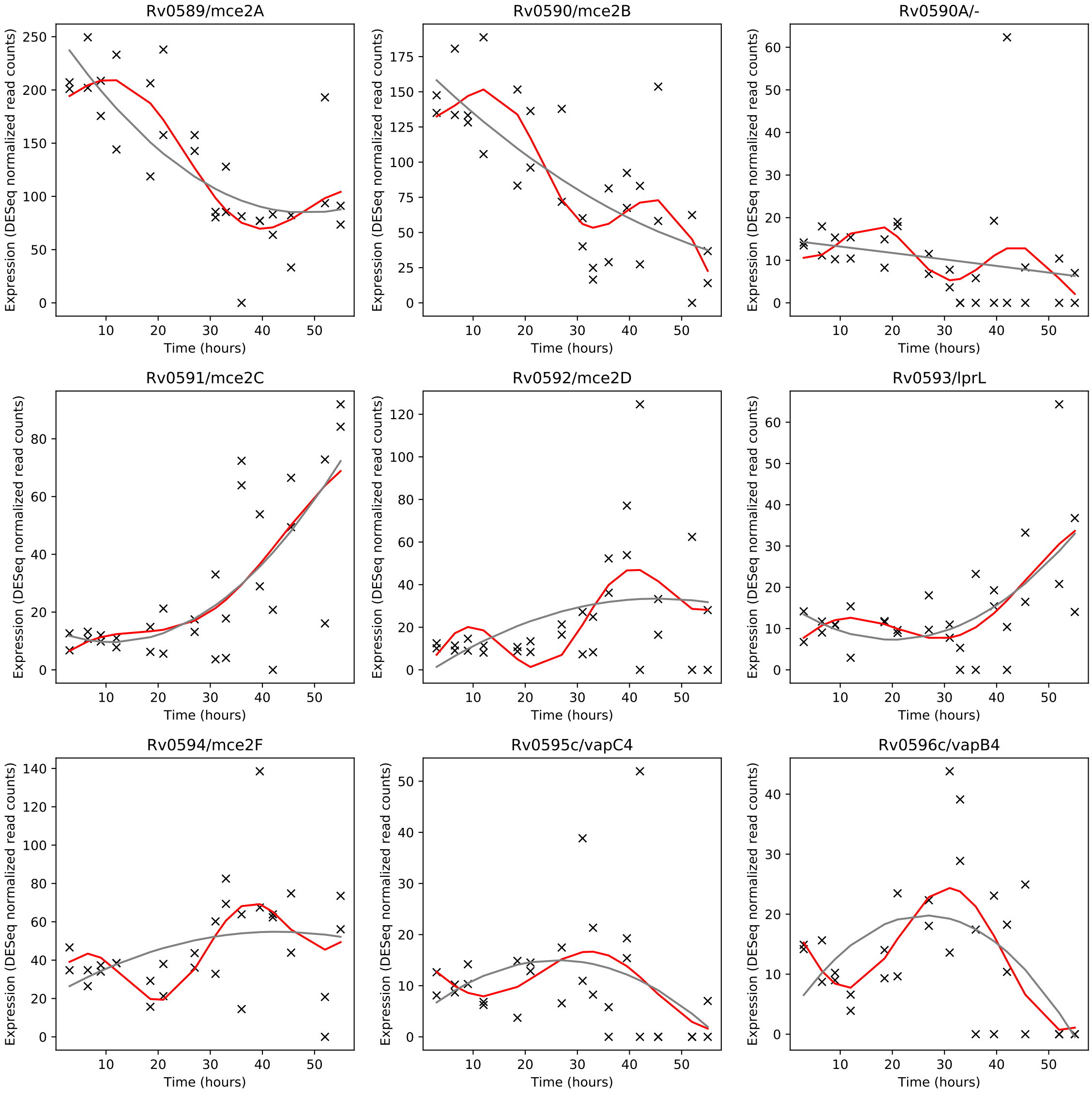

Rv0576/-
Expression (DESeq normalized read counts)
Time (hours)

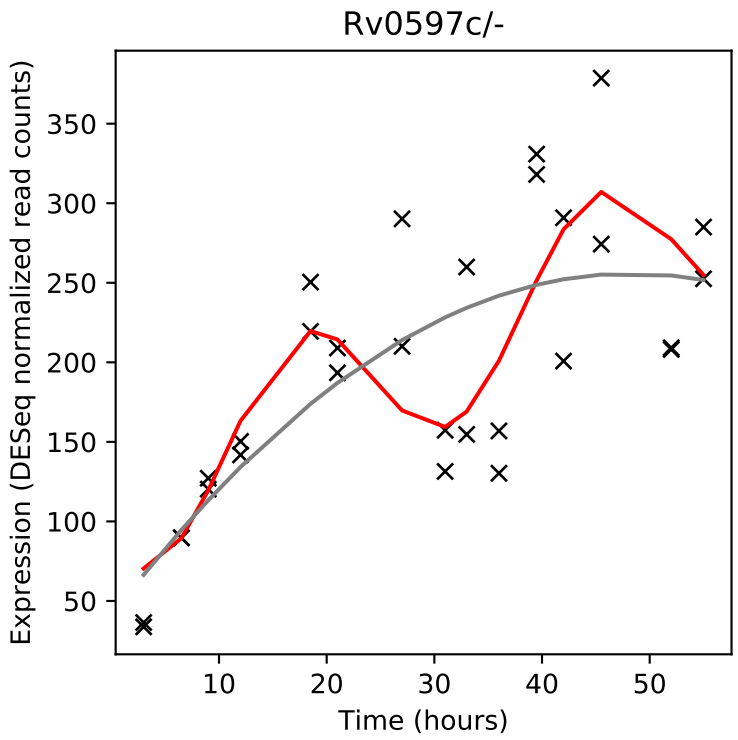

Rv0577/TB27.3
Expression (DESeq normalized read counts)
Time (hours)

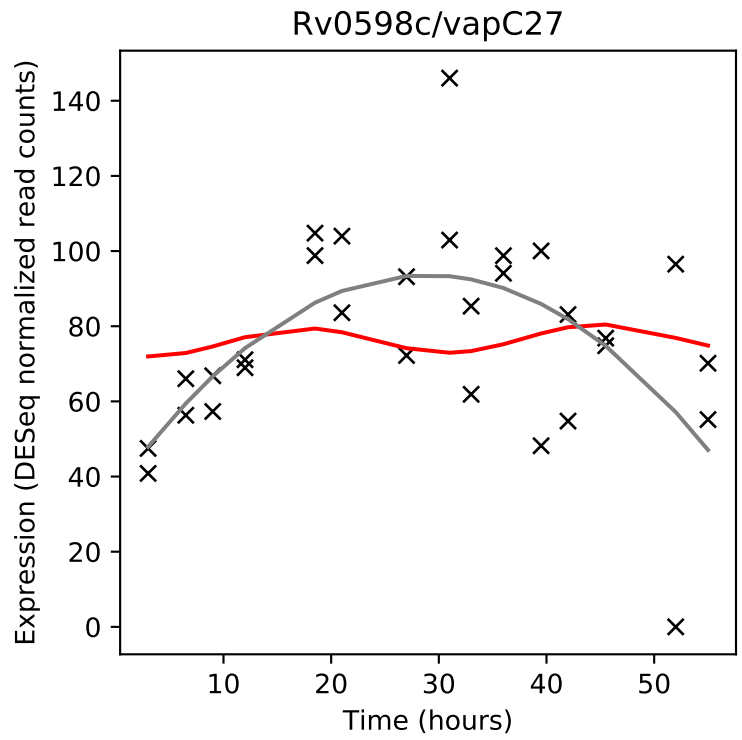

Rv0578c/PE_PGRS7
Expression (DESeq normalized read counts)
Time (hours)

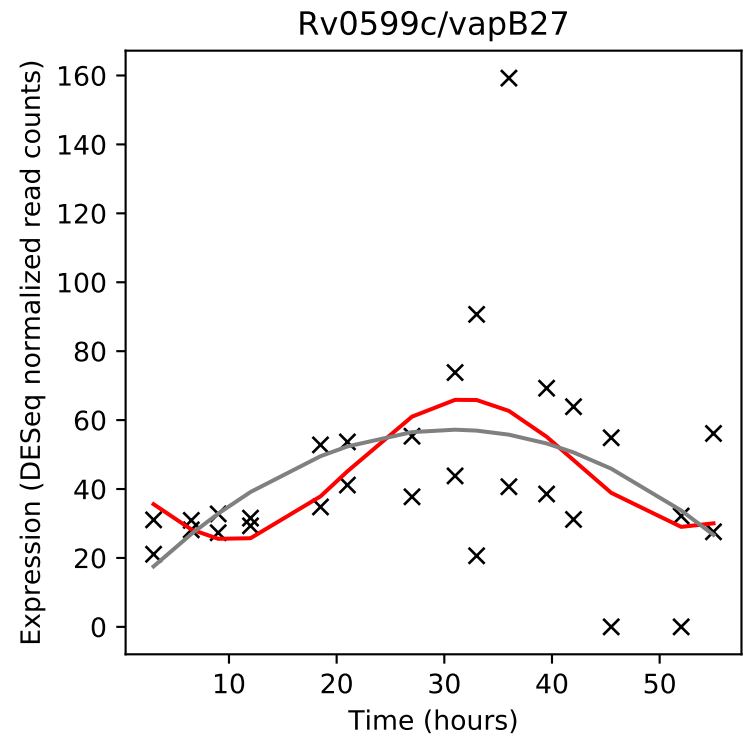

Rv0579/-
Expression (DESeq normalized read counts)
Time (hours)

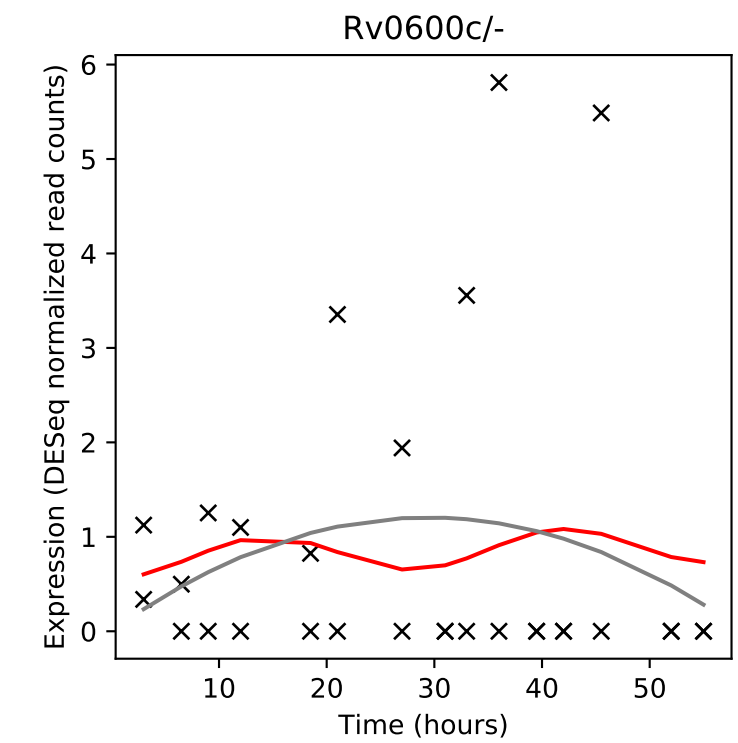

Rv0580c/-
Rv0581/vapB26
Rv0582/vapC26
Rv0583c/lpqN
Rv0584/-
Rv0585c/-
Rv0586/mce2R
Rv0587/yrbE2A
Rv0588/yrbE2B
Expression (DESeq normalized read counts)
Time (hours)

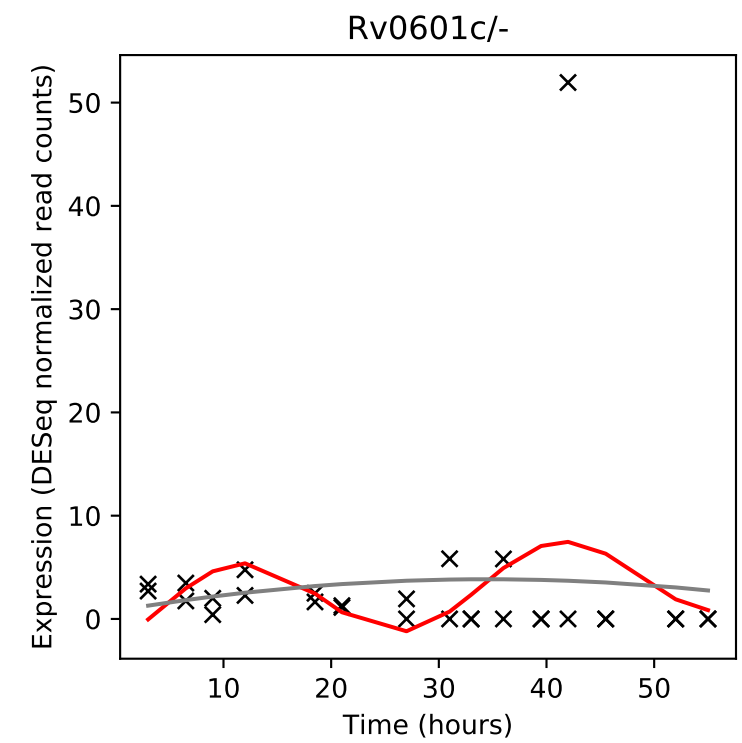

Rv0589/mce2A
Rv0590/mce2B
Rv0590A/-
Rv0591/mce2C
Rv0592/mce2D
Rv0593/lprL
Rv0594/mce2F
Rv0595c/vapC4
Rv0596c/vapB4
Expression (DESeq normalized read counts)
Time (hours)

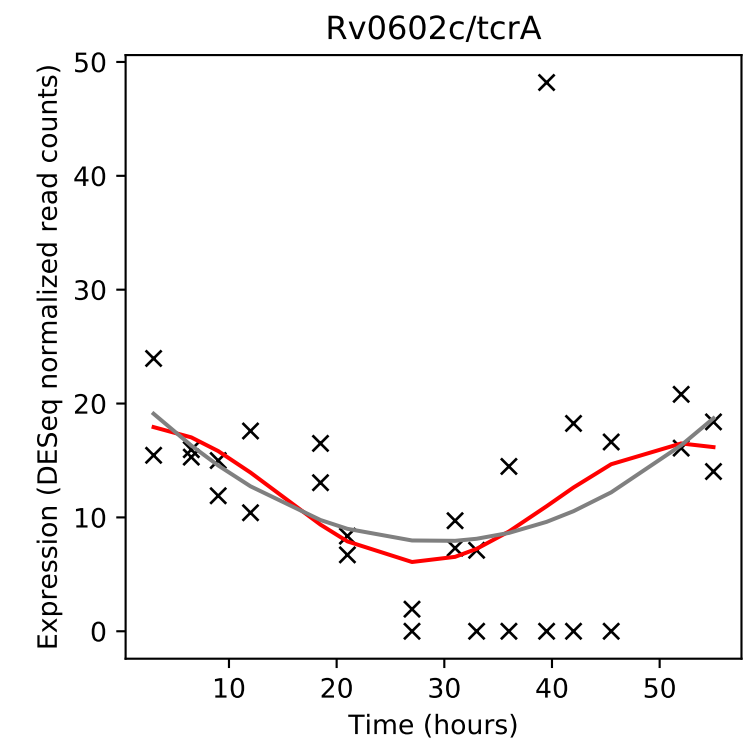

Rv0597c/-
Expression (DESeq normalized read counts)
Time (hours)

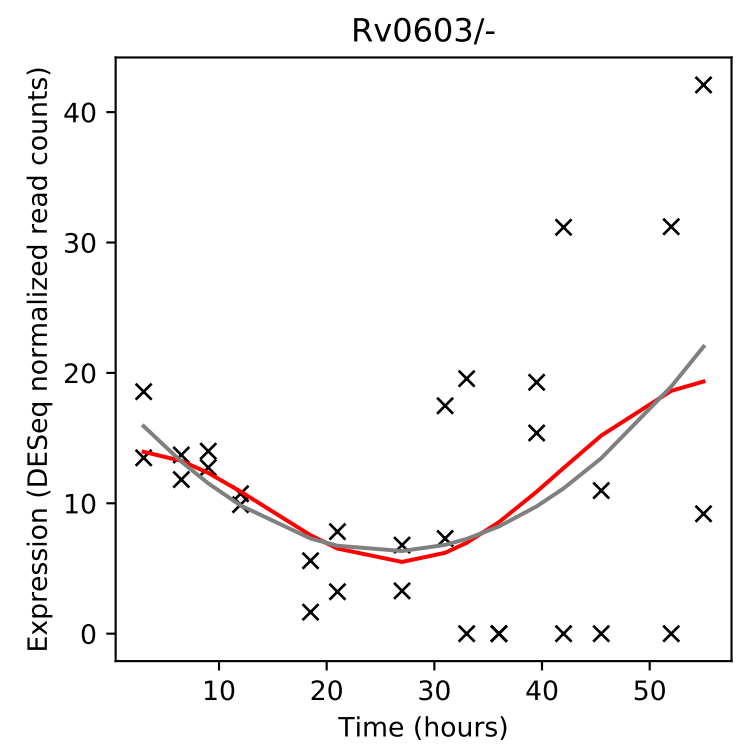

Rv0598c/vapC27
Expression (DESeq normalized read counts)
Time (hours)

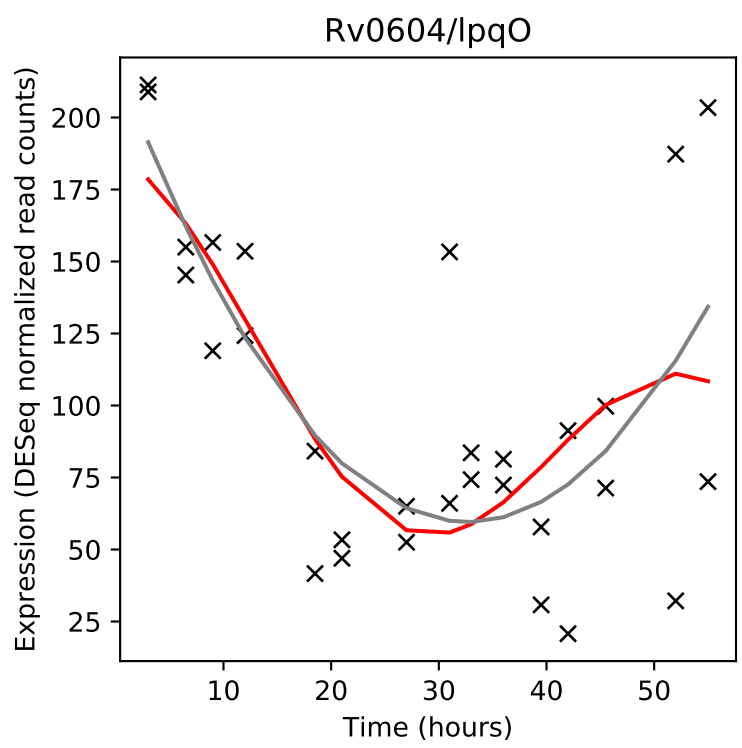

Rv0599c/vapB27
Expression (DESeq normalized read counts)
Time (hours)

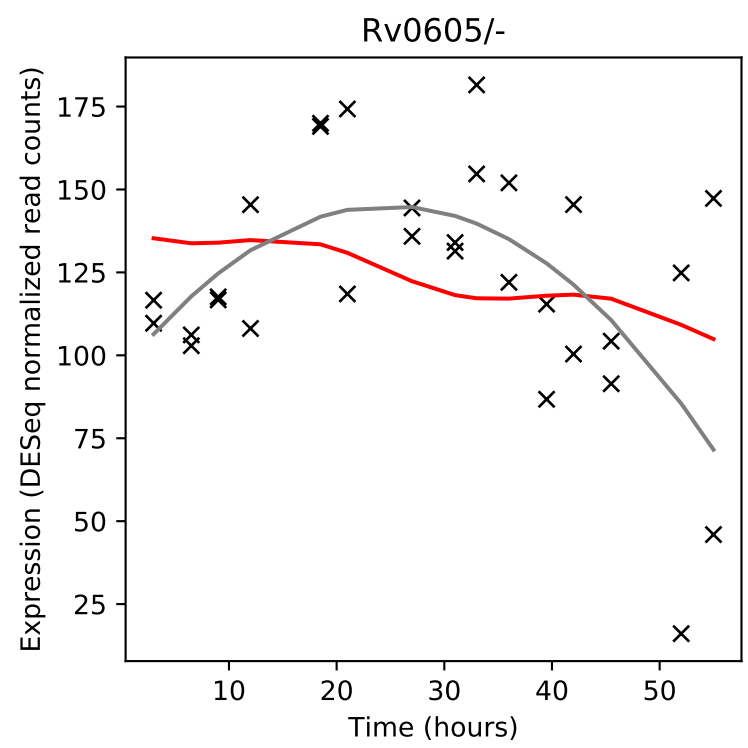

Rv0600c/-
Expression (DESeq normalized read counts)
Time (hours)

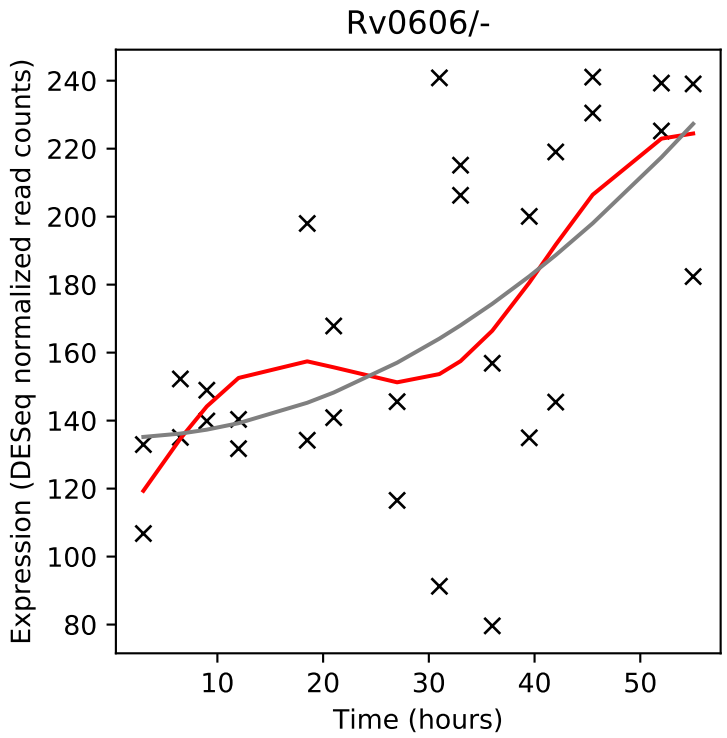

Rv0601c/-
Expression (DESeq normalized read counts)
Time (hours)

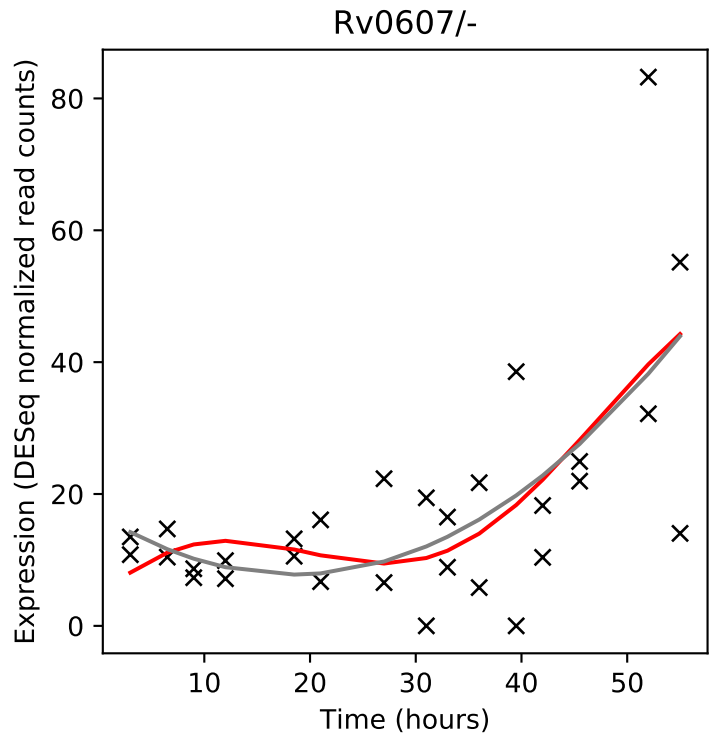

Rv0602c/tcrA
Expression (DESeq normalized read counts)
Time (hours)

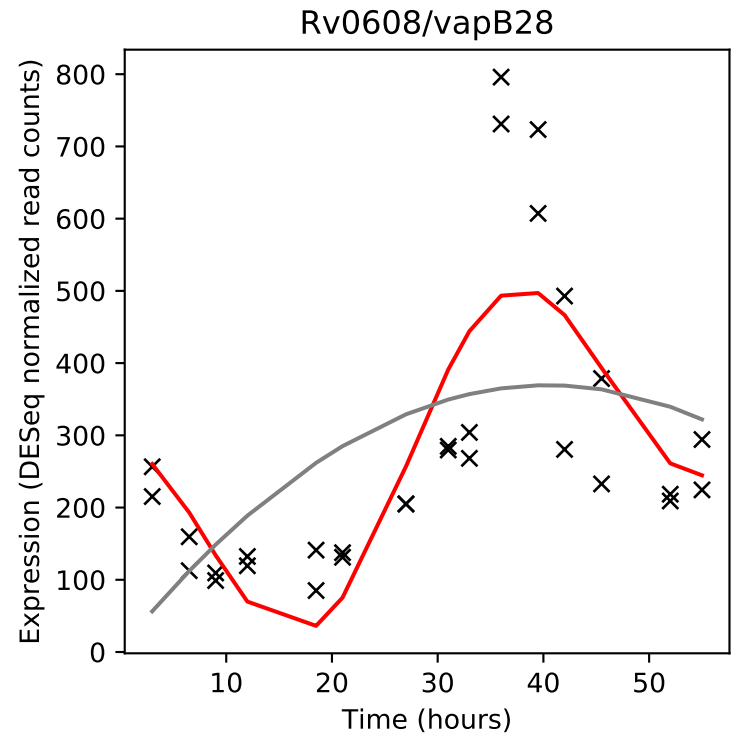

Rv0603/-
Expression (DESeq normalized read counts)
Time (hours)

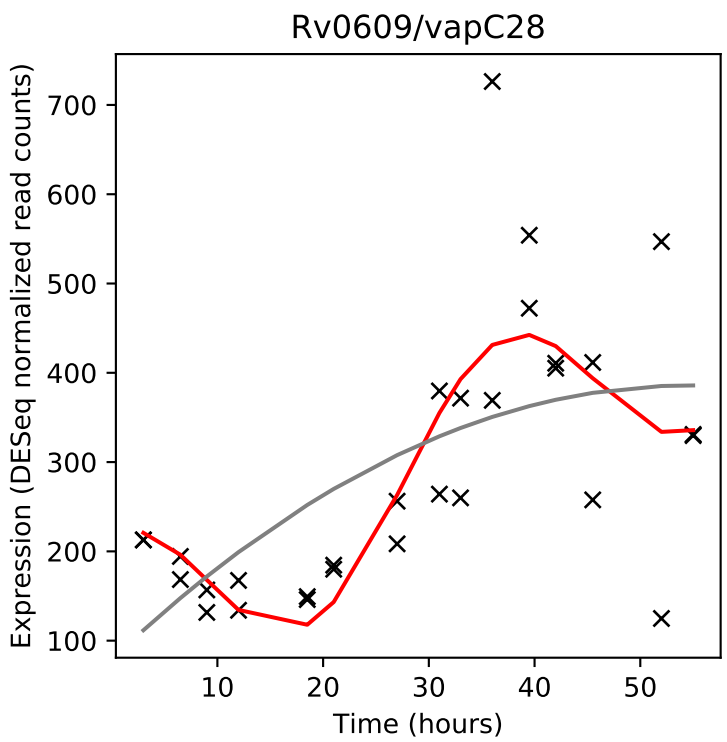

Rv0604/lpqO
Expression (DESeq normalized read counts)
Time (hours)

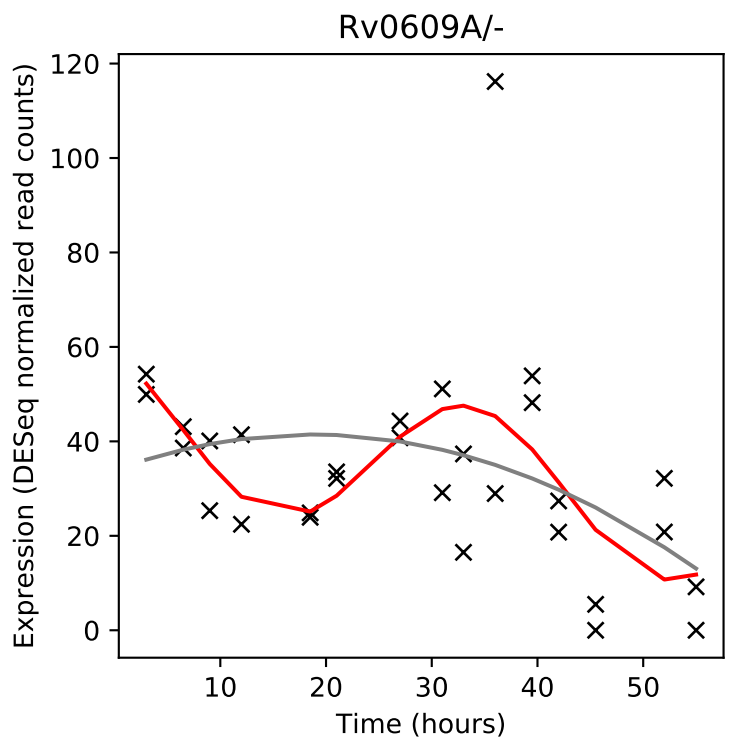

Rv0605/-
Expression (DESeq normalized read counts)
Time (hours)

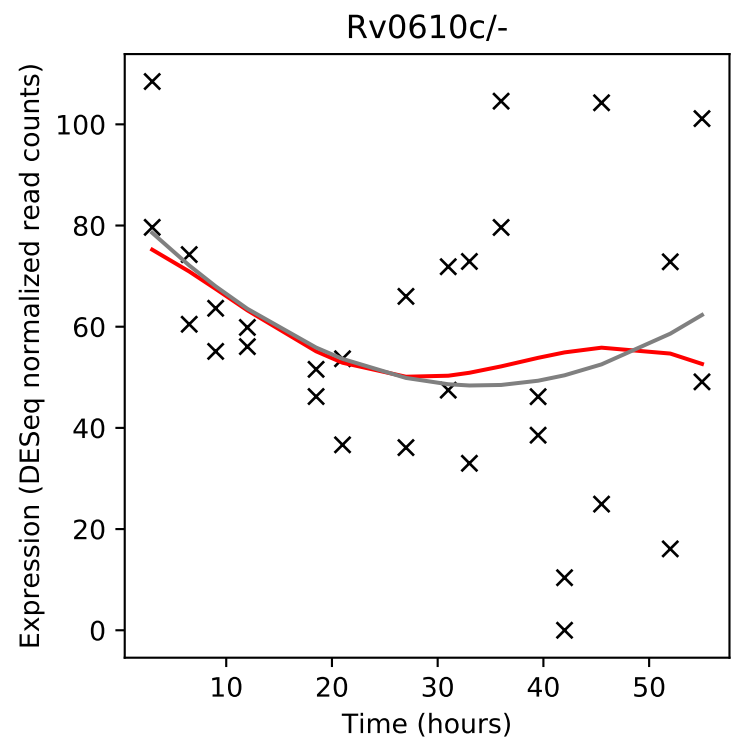

Rv0606/-
Expression (DESeq normalized read counts)
Time (hours)

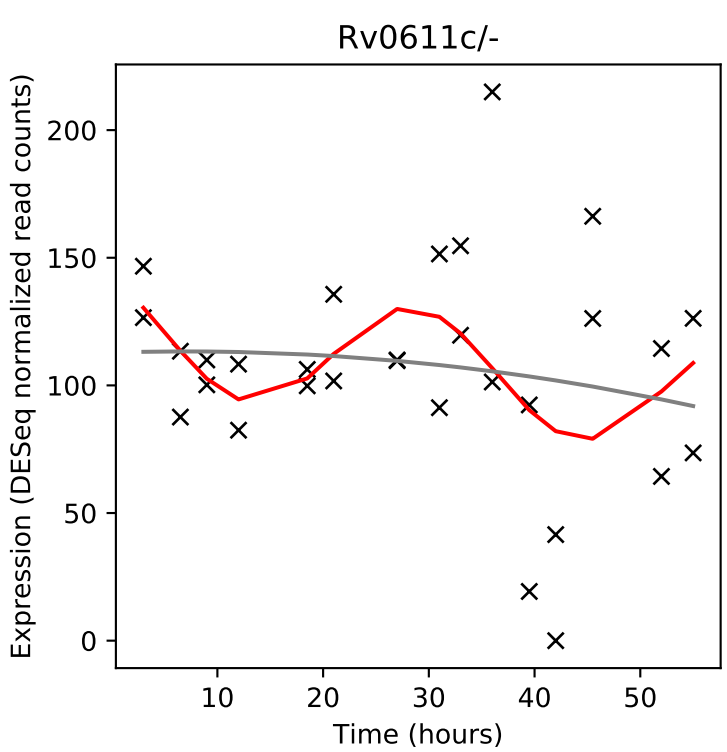

Rv0607/-
Expression (DESeq normalized read counts)
Time (hours)

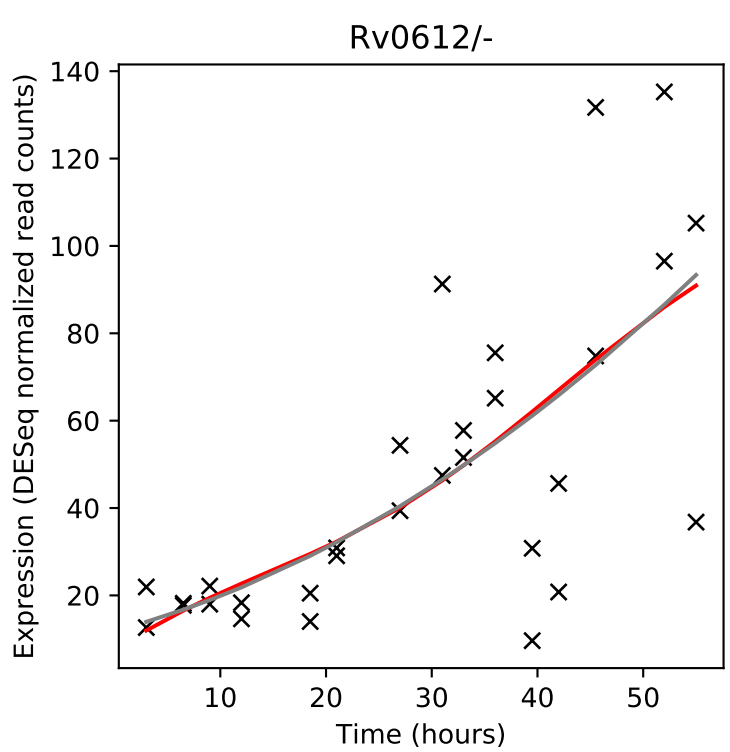

Rv0608/vapB28
Expression (DESeq normalized read counts)
Time (hours)

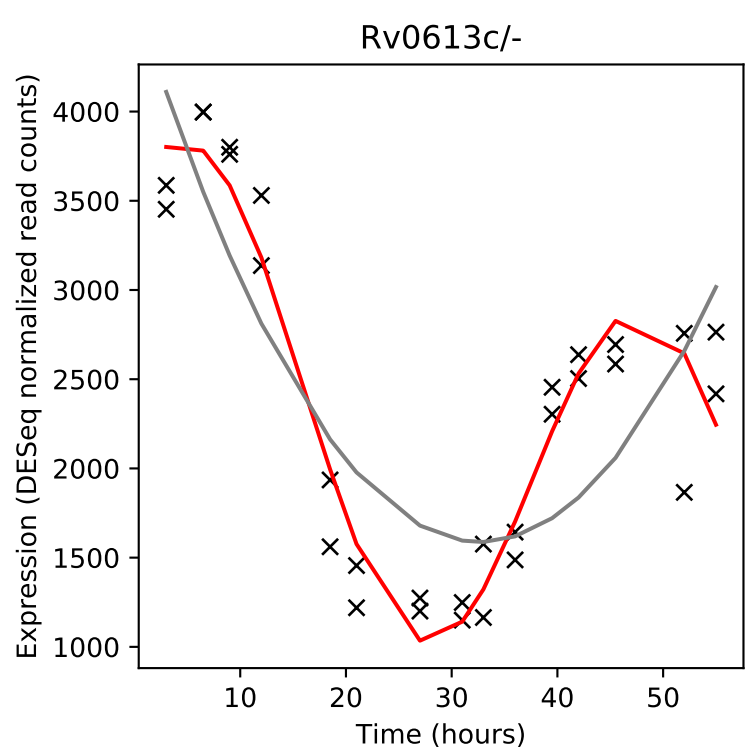

Rv0609/vapC28
Expression (DESeq normalized read counts)
Time (hours)

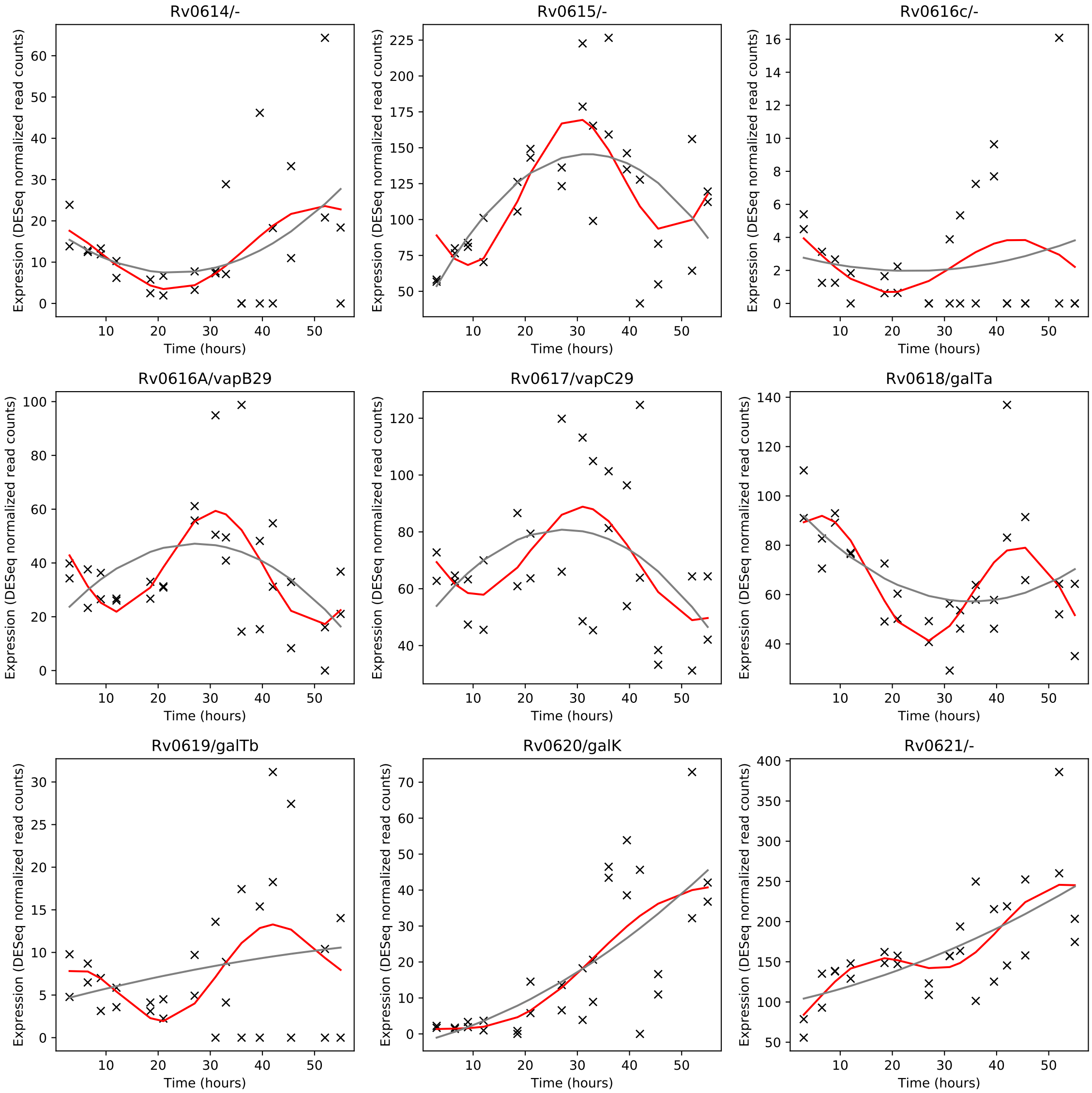

Rv0609A/-
Expression (DESeq normalized read counts)
Time (hours)

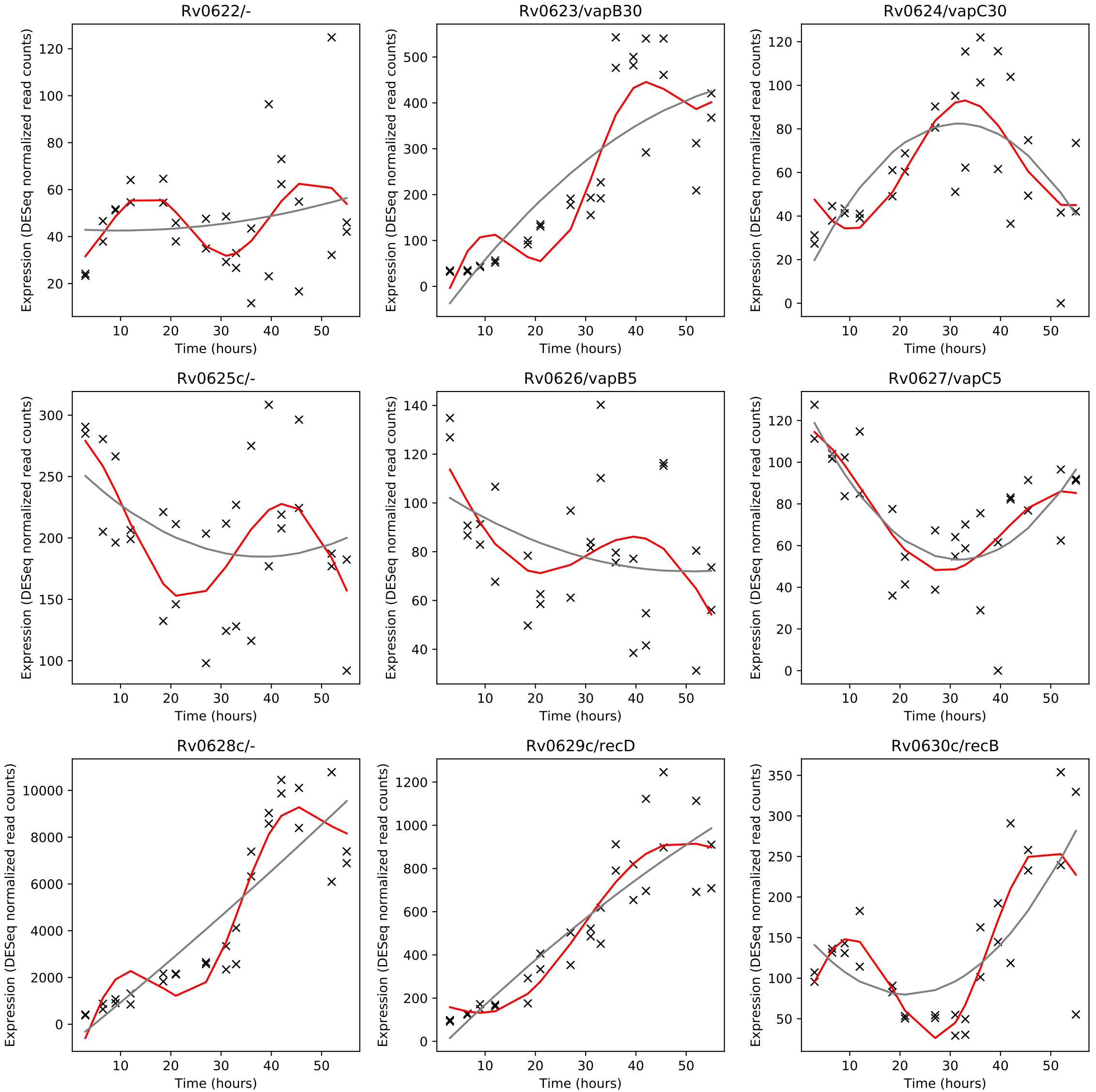

Rv0610c/-
Expression (DESeq normalized read counts)
Time (hours)

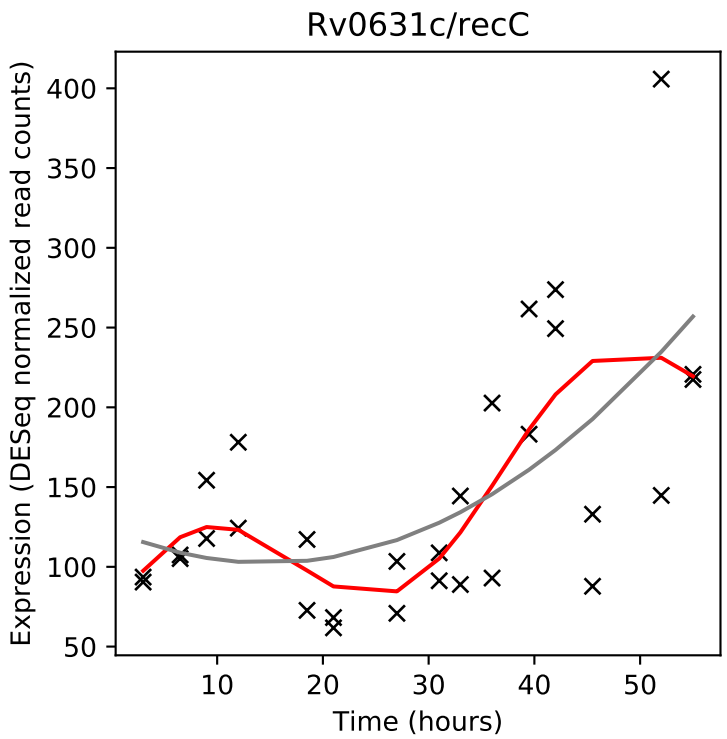

Rv0611c/-
Expression (DESeq normalized read counts)
Time (hours)

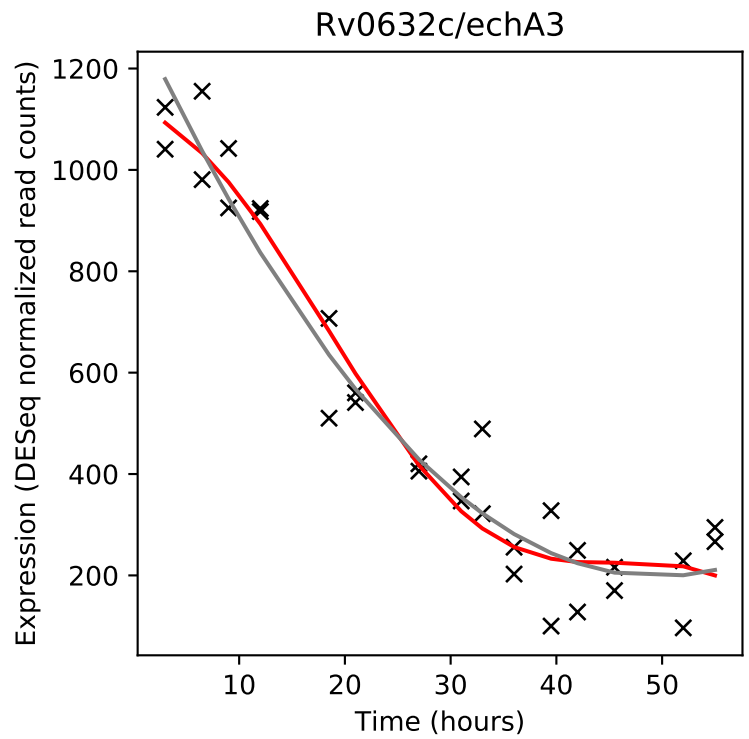

Rv0612/-
Expression (DESeq normalized read counts)
Time (hours)

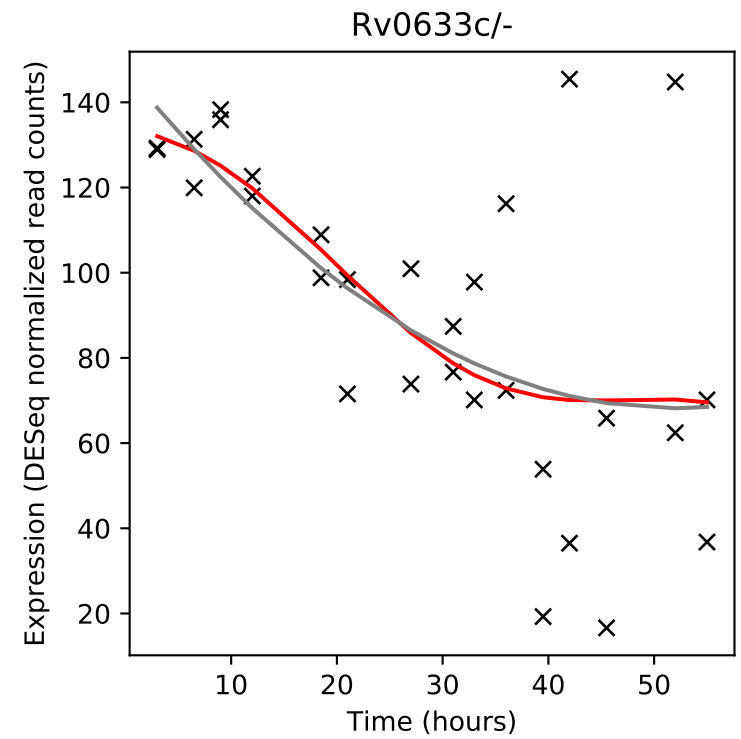

Rv0613c/-
Expression (DESeq normalized read counts)
Time (hours)

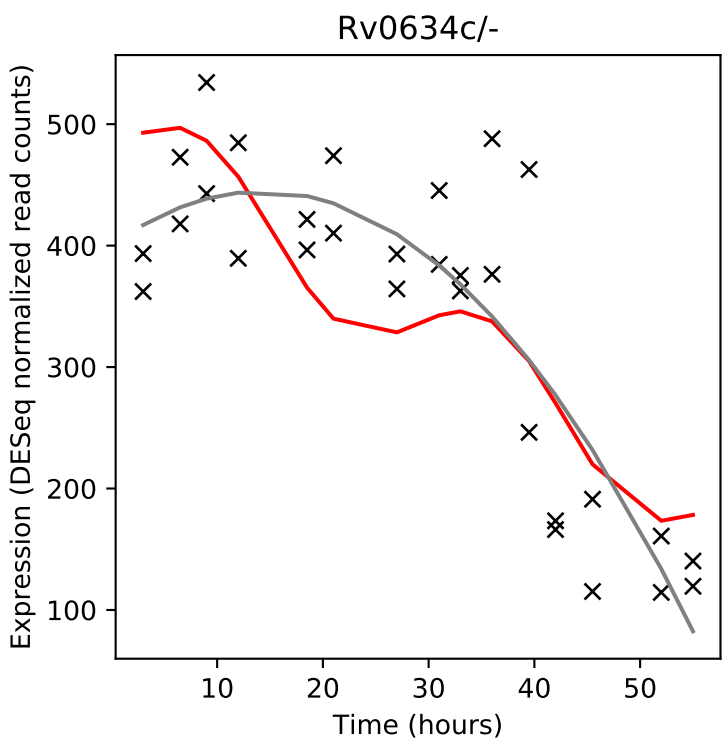

Rv0614/-
Rv0615/-
Rv0616c/-
Rv0616A/vapB29
Rv0617/vapC29
Rv0618/galTa
Rv0619/galTb
Rv0620/galK
Rv0621/-
Expression (DESeq normalized read counts)
Time (hours)

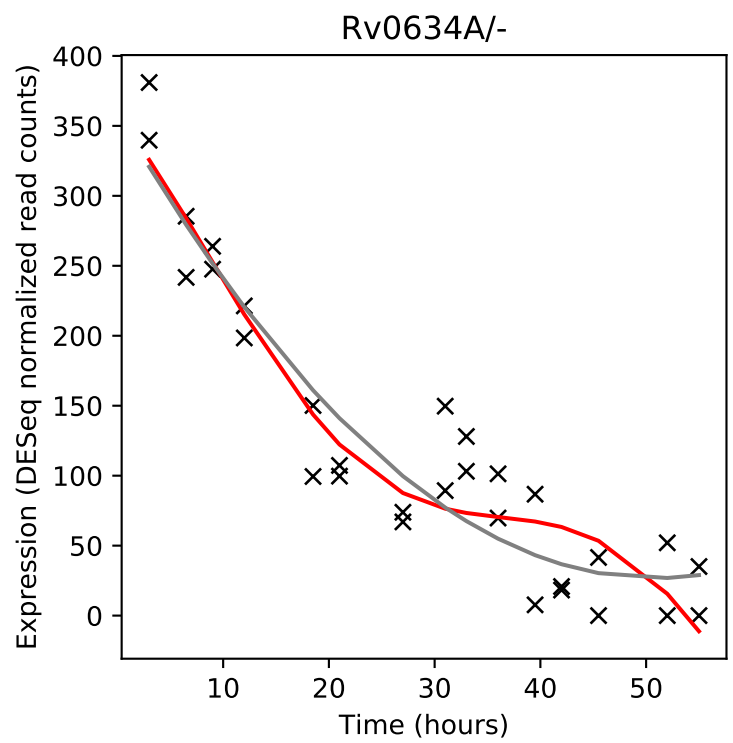

Rv0622/-
Rv0623/vapB30
Rv0624/vapC30
Rv0625c/-
Rv0626/vapB5
Rv0627/vapC5
Rv0628c/-
Rv0629c/recD
Rv0630c/recB
Expression (DESeq normalized read counts)
Time (hours)

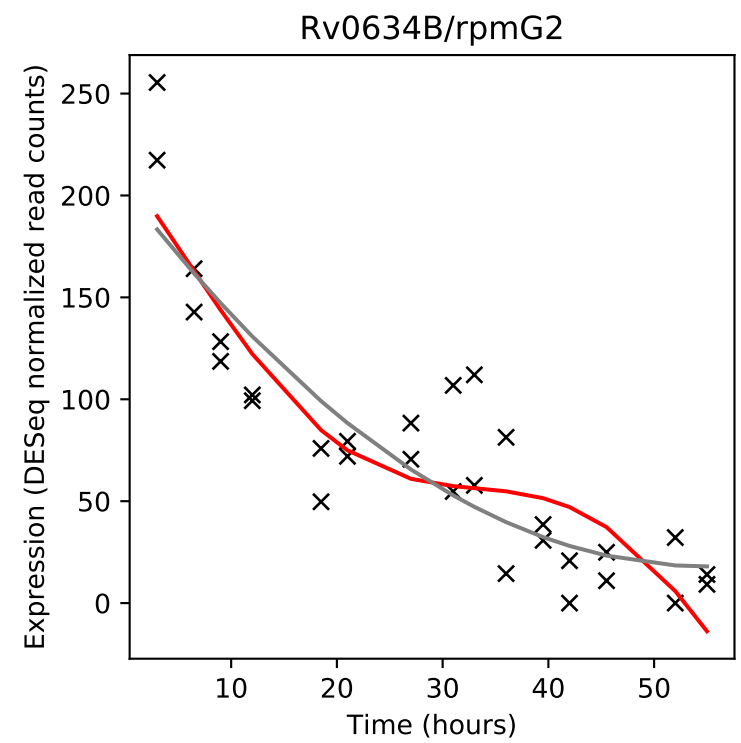

Rv0631c/recC
Expression (DESeq normalized read counts)
Time (hours)

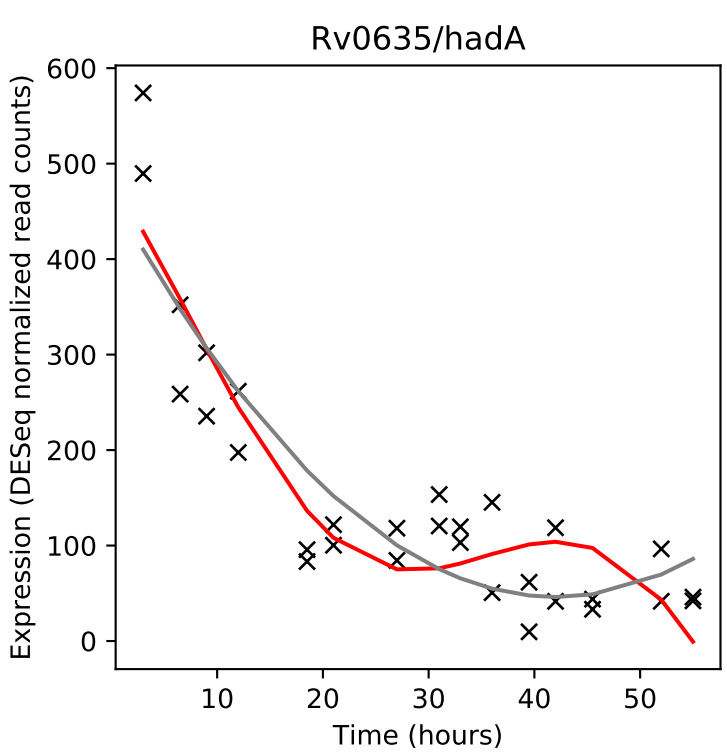

Rv0632c/echA3
Expression (DESeq normalized read counts)
Time (hours)

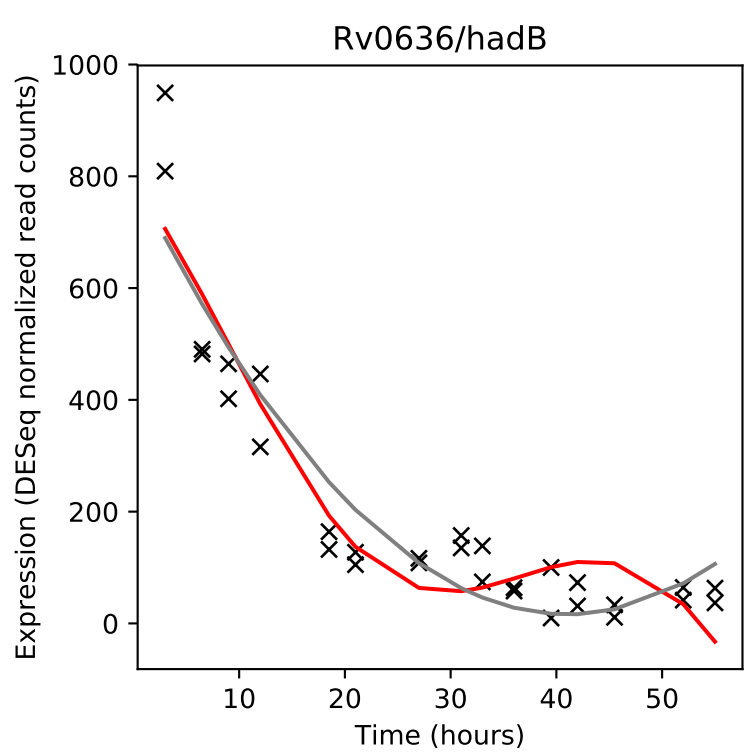

Rv0633c/-
Expression (DESeq normalized read counts)
Time (hours)

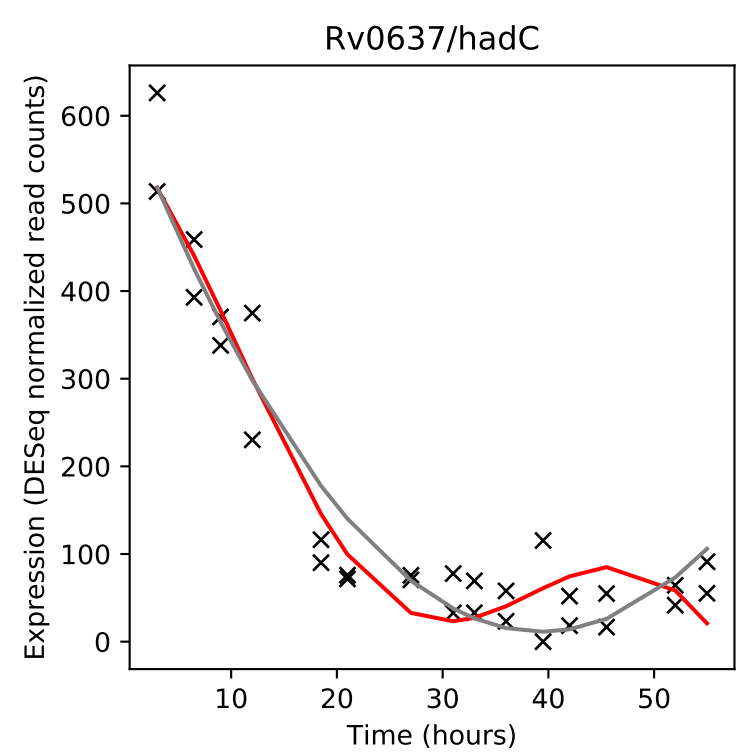

Rv0634c/-
Expression (DESeq normalized read counts)
Time (hours)

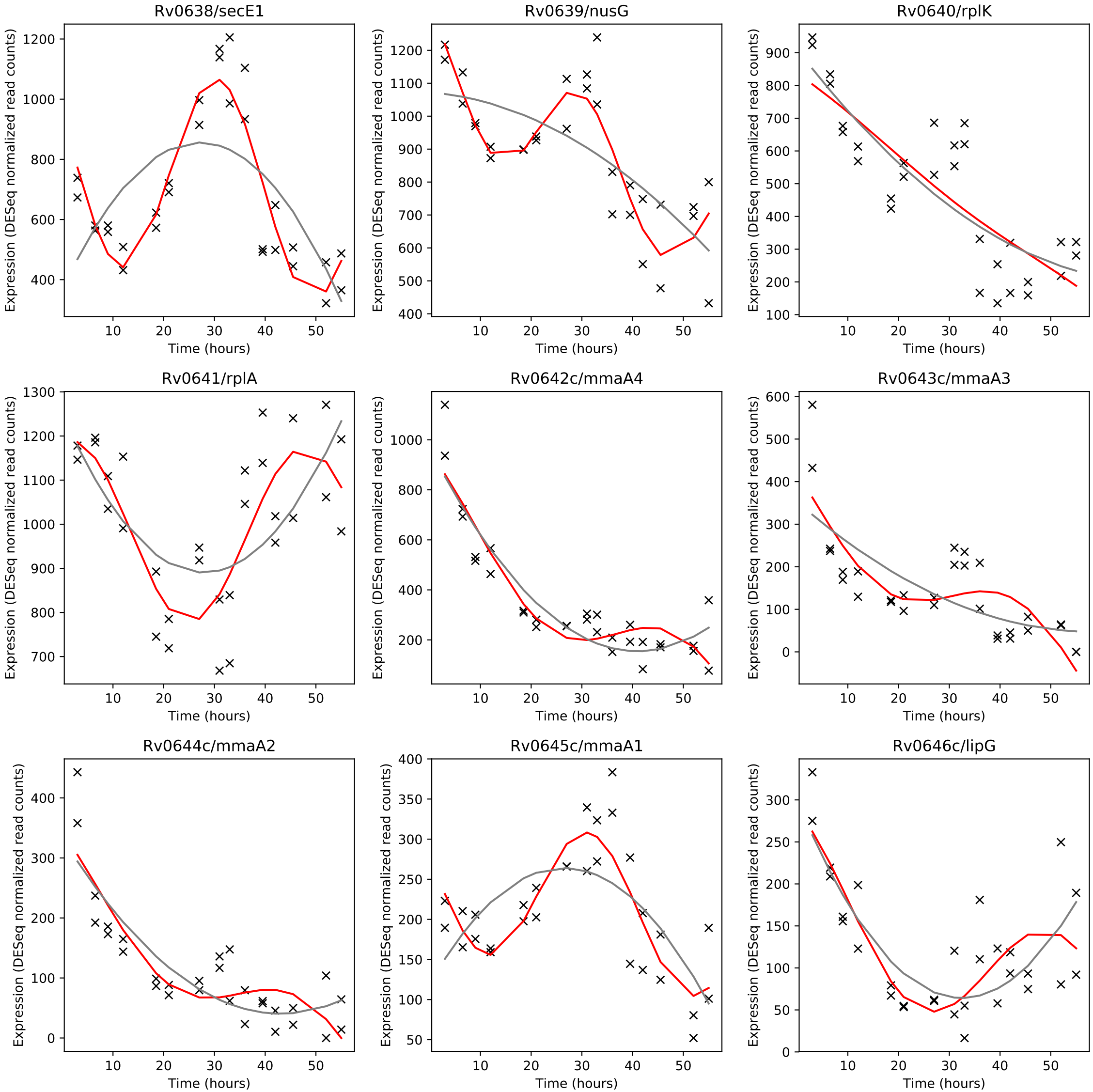

Rv0634A/-
Expression (DESeq normalized read counts)
Time (hours)

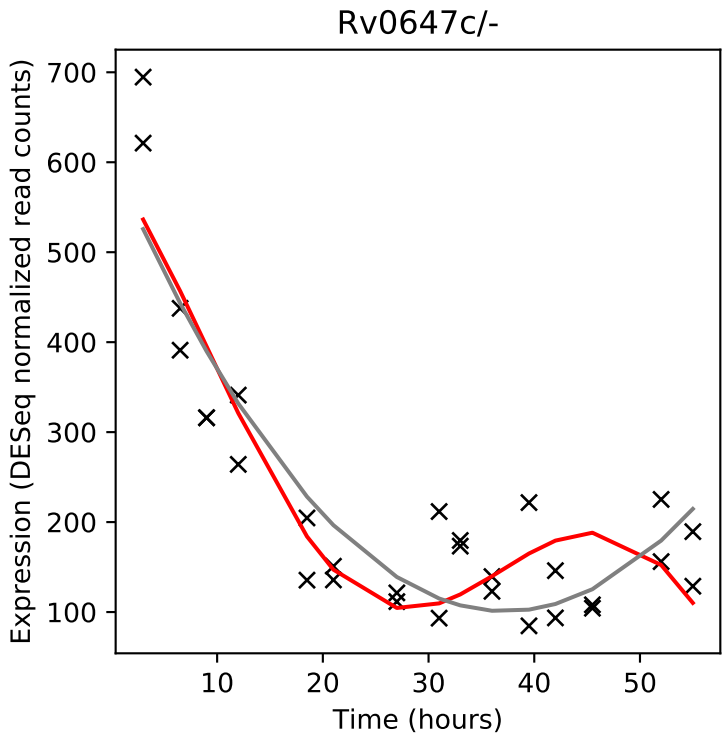

Rv0634B/rpmG2
Expression (DESeq normalized read counts)
Time (hours)

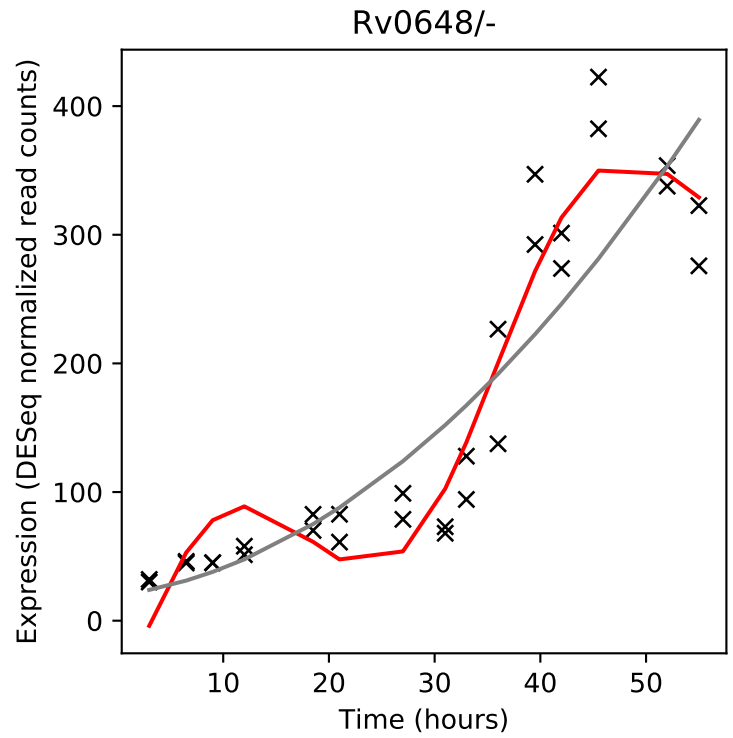

Rv0635/hadA
Expression (DESeq normalized read counts)
Time (hours)

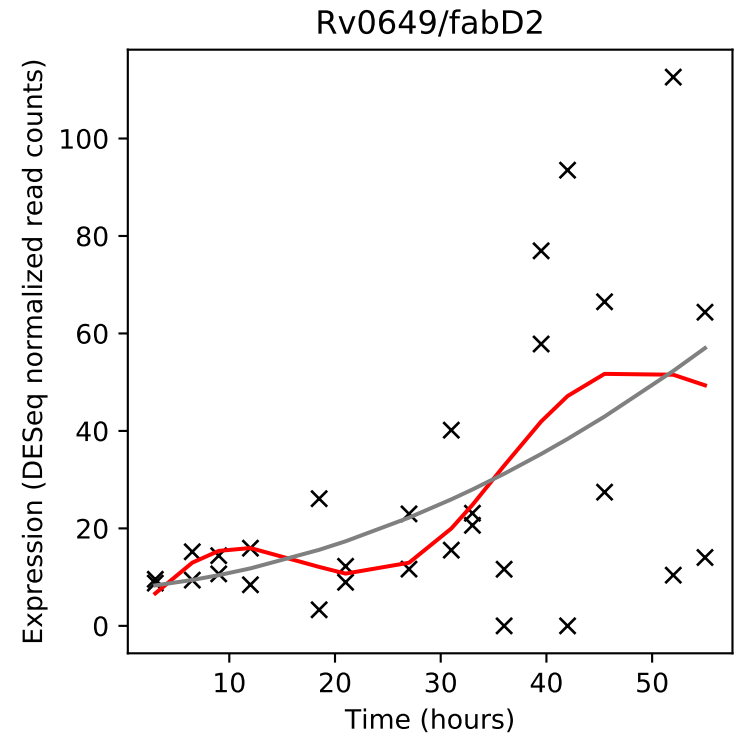

Rv0636/hadB
Expression (DESeq normalized read counts)
Time (hours)

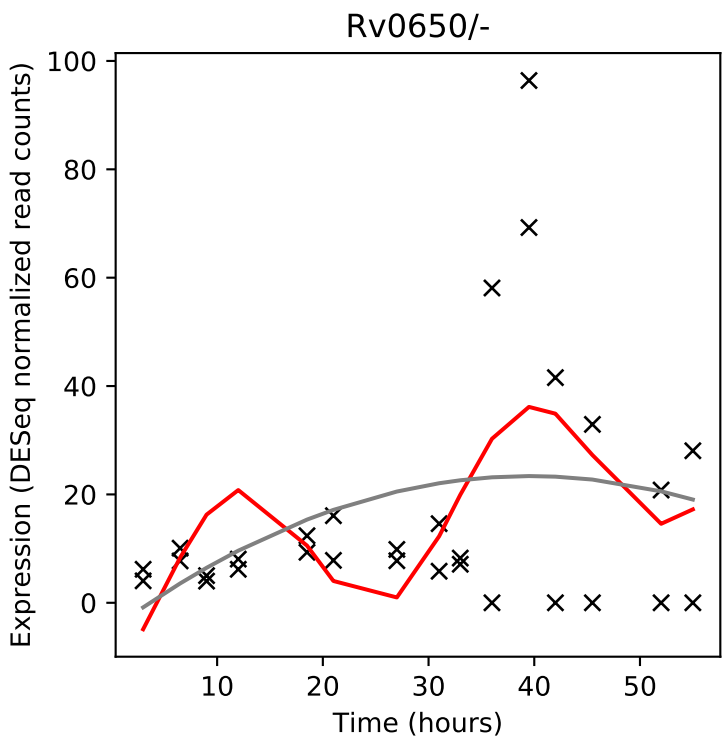

Rv0637/hadC
Expression (DESeq normalized read counts)
Time (hours)

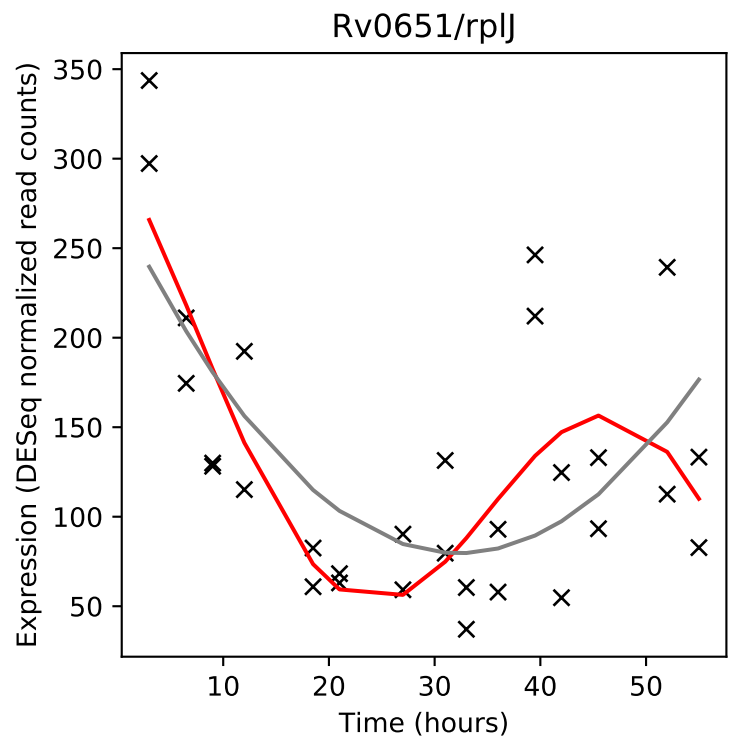

Rv0638/secE1
Rv0639/nusG
Rv0640/rplK
Rv0641/rplA
Rv0642c/mmaA4
Rv0643c/mmaA3
Rv0644c/mmaA2
Rv0645c/mmaA1
Rv0646c/lipG
Expression (DESeq normalized read counts)
Time (hours)

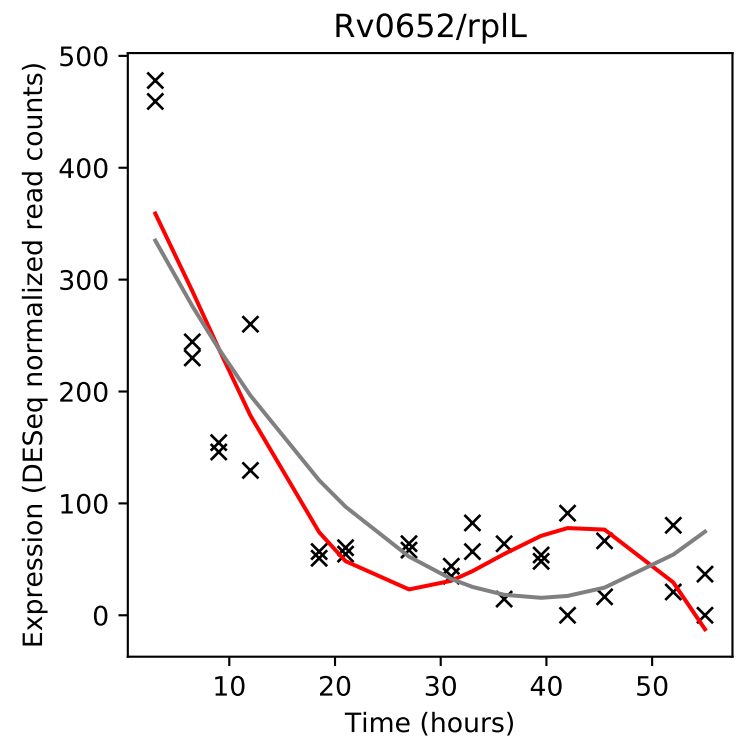

Rv0647c/-
Expression (DESeq normalized read counts)
Time (hours)

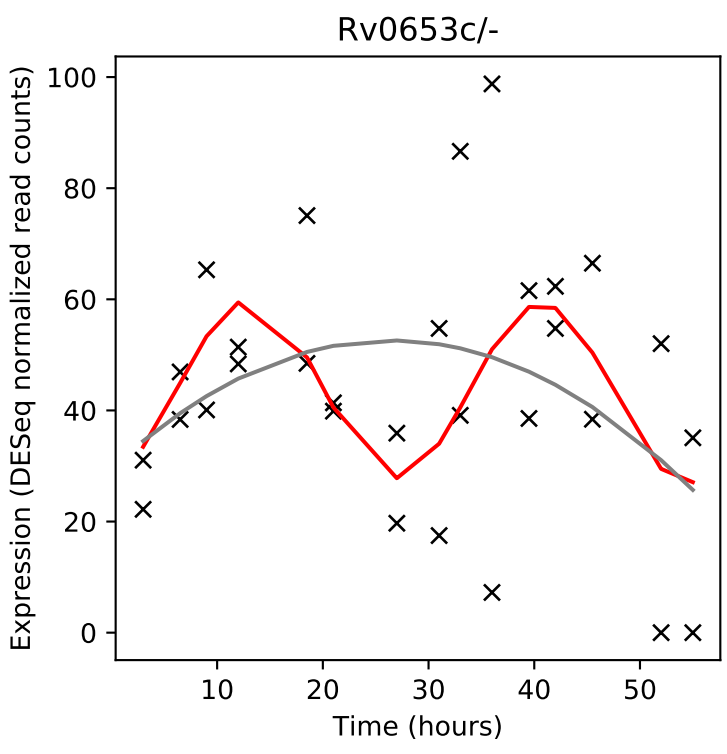

Rv0648/-
Expression (DESeq normalized read counts)
Time (hours)

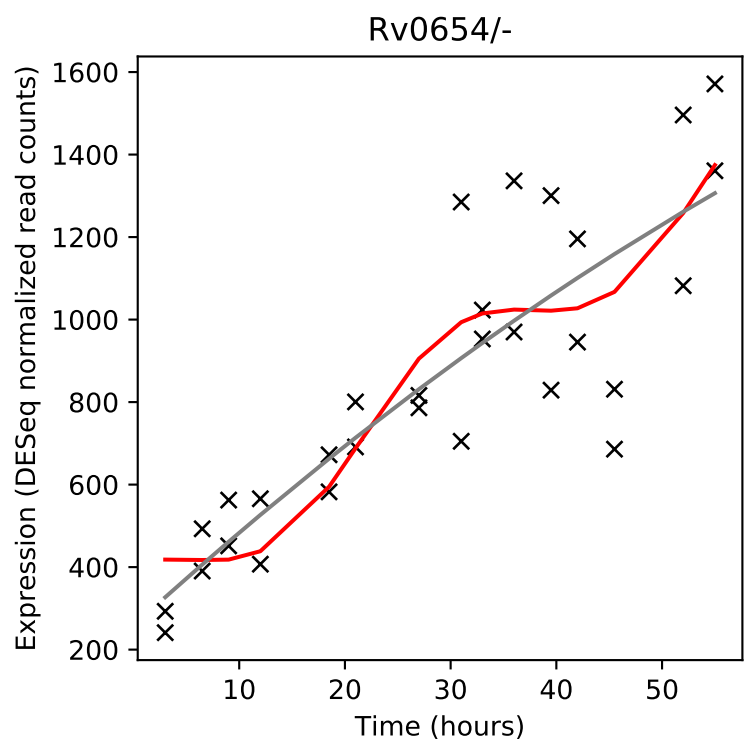

Rv0649/fabD2
Expression (DESeq normalized read counts)
Time (hours)

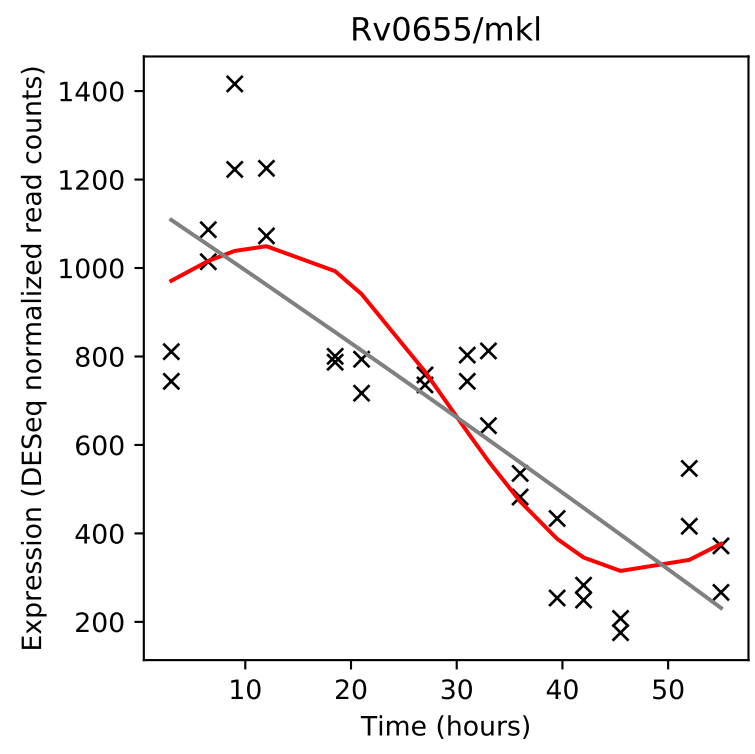

Rv0650/-
Expression (DESeq normalized read counts)
Time (hours)

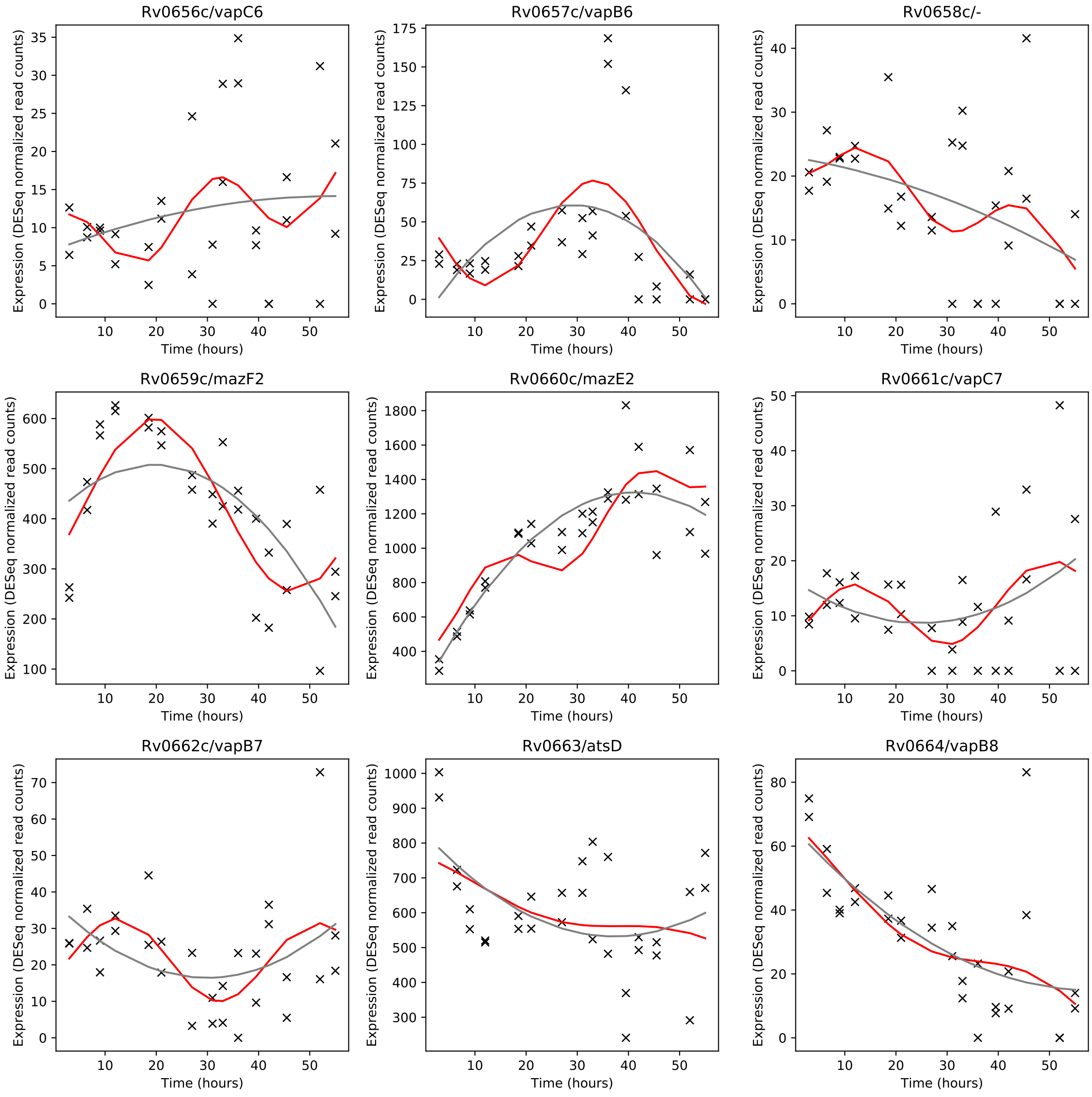

Rv0651/rplJ
Expression (DESeq normalized read counts)
Time (hours)

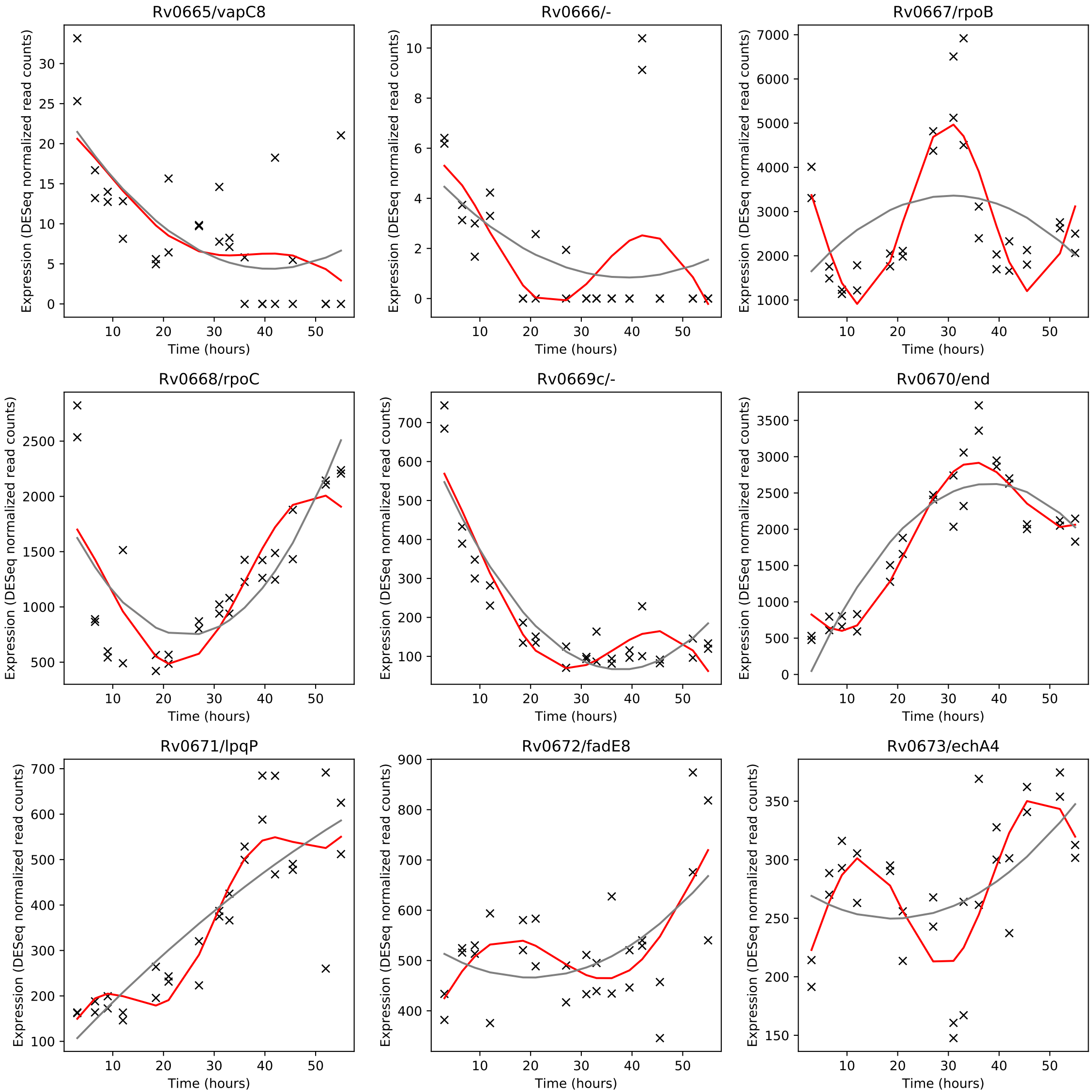

Rv0652/rplL
Expression (DESeq normalized read counts)
Time (hours)

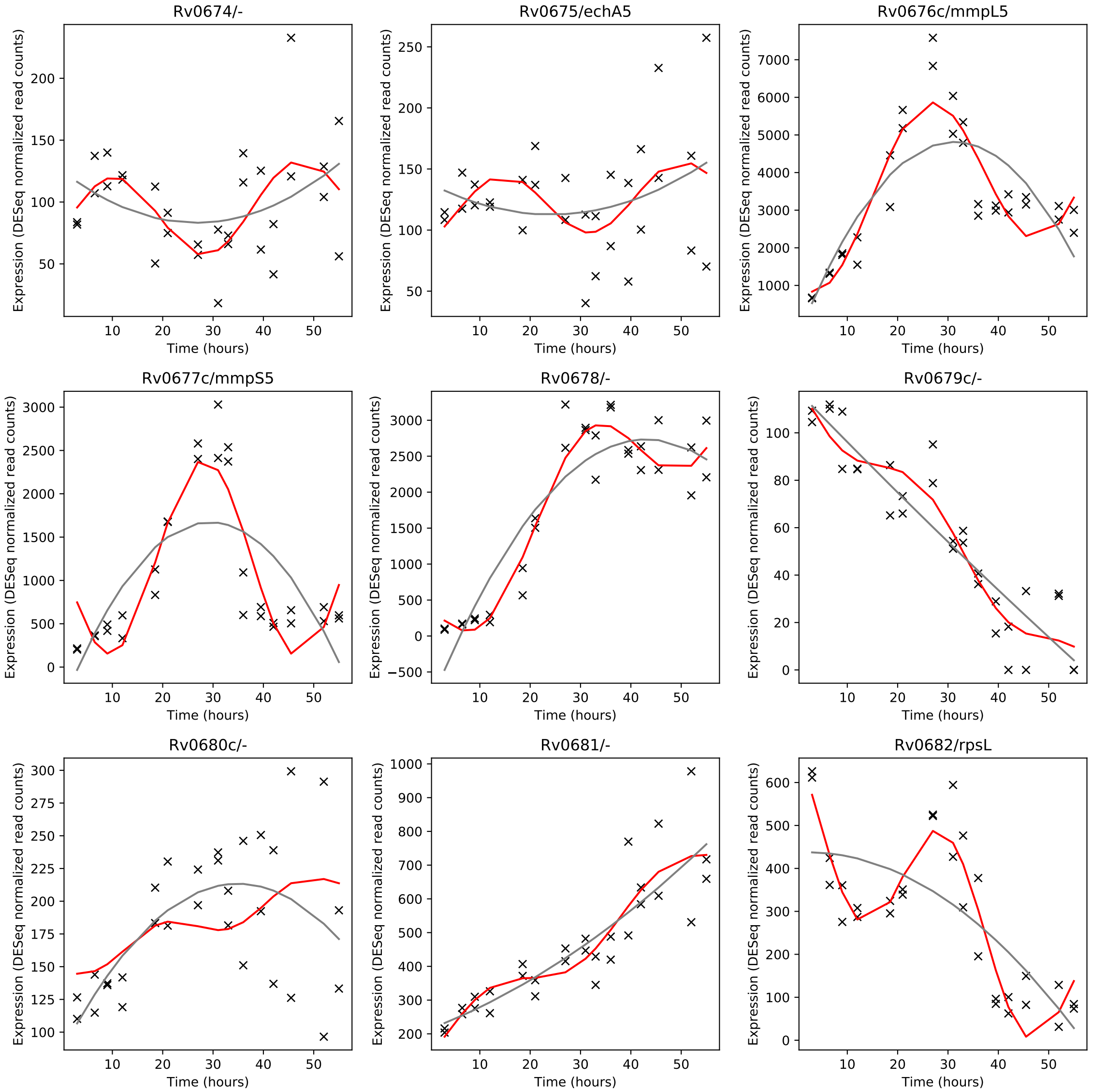

Rv0653c/-
Expression (DESeq normalized read counts)
Time (hours)

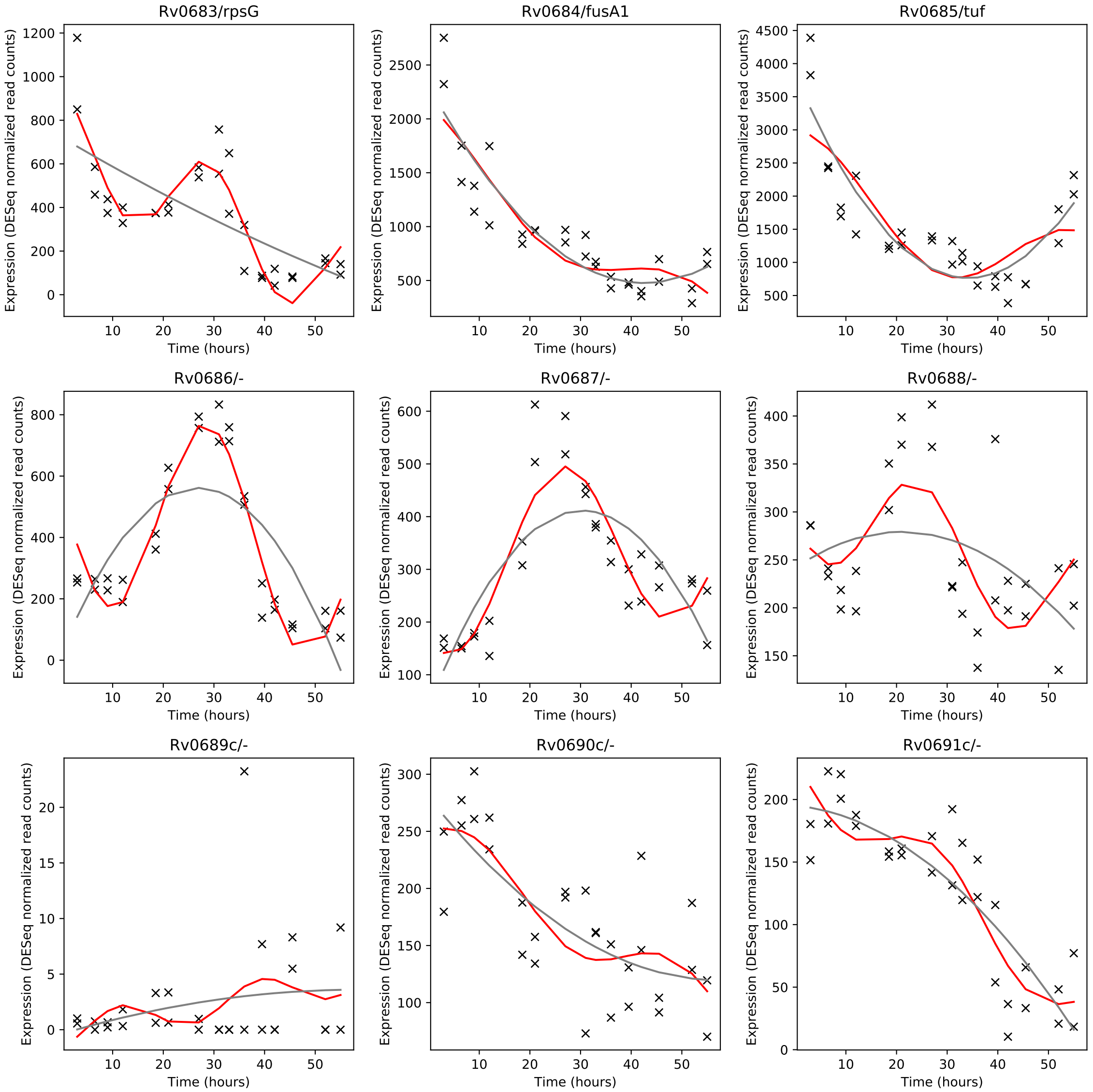

Rv0654/-
Expression (DESeq normalized read counts)
Time (hours)

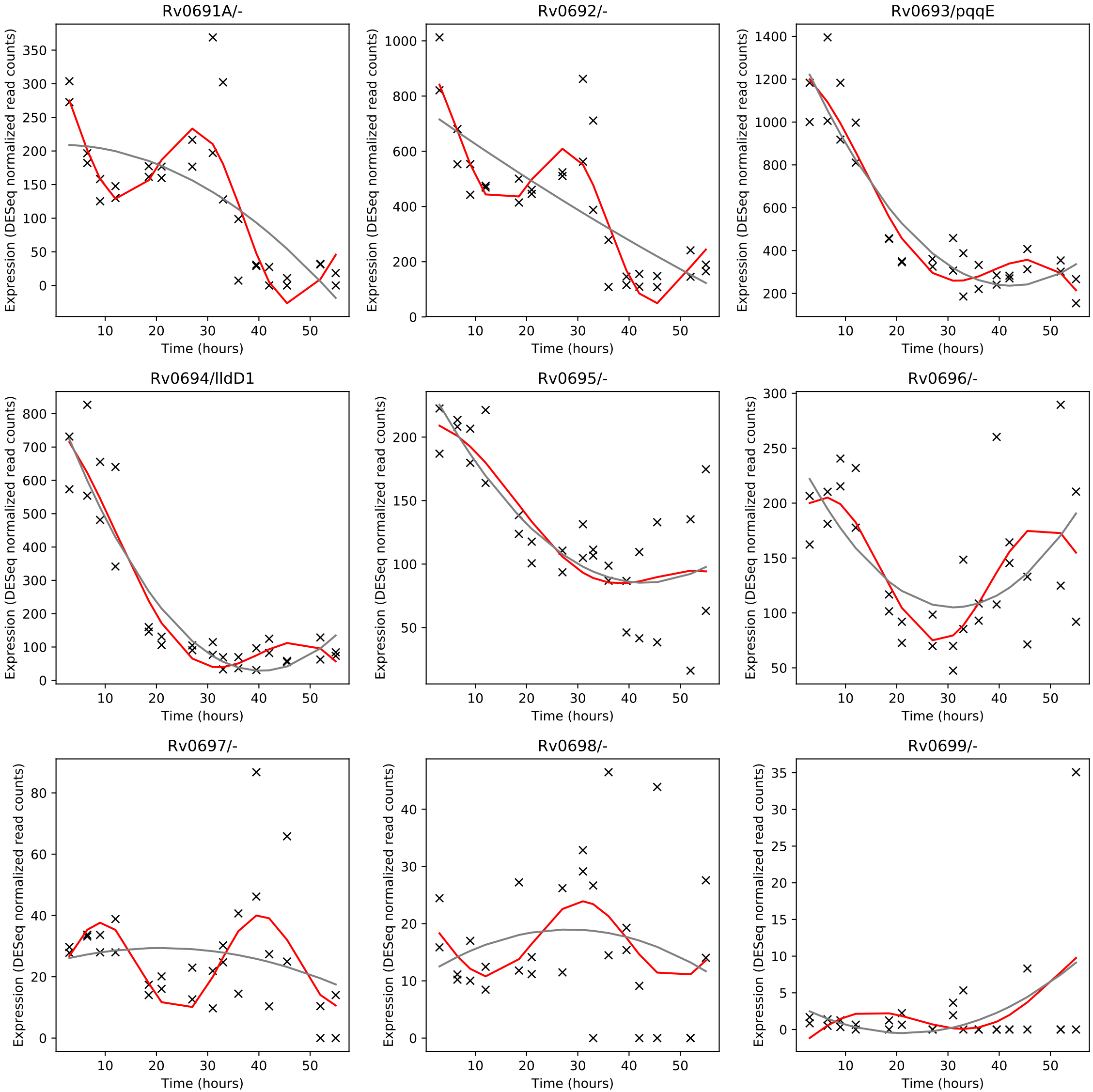

Rv0655/mkl
Expression (DESeq normalized read counts)
Time (hours)

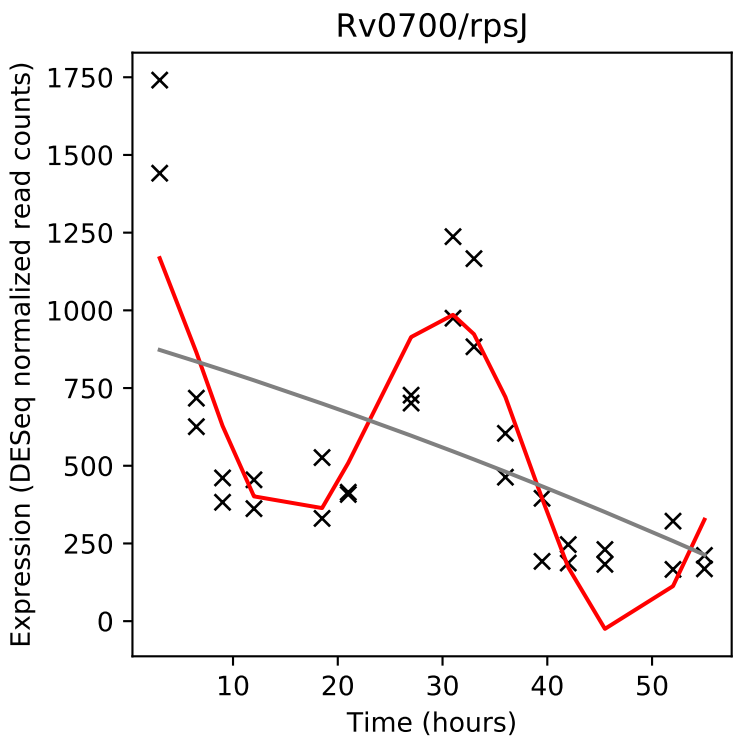

Rv0656c/vapC6
Rv0657c/vapB6
Rv0658c/-
Rv0659c/mazF2
Rv0660c/mazE2
Rv0661c/vapC7
Rv0662c/vapB7
Rv0663/atsD
Rv0664/vapB8
Expression (DESeq normalized read counts)
Time (hours)

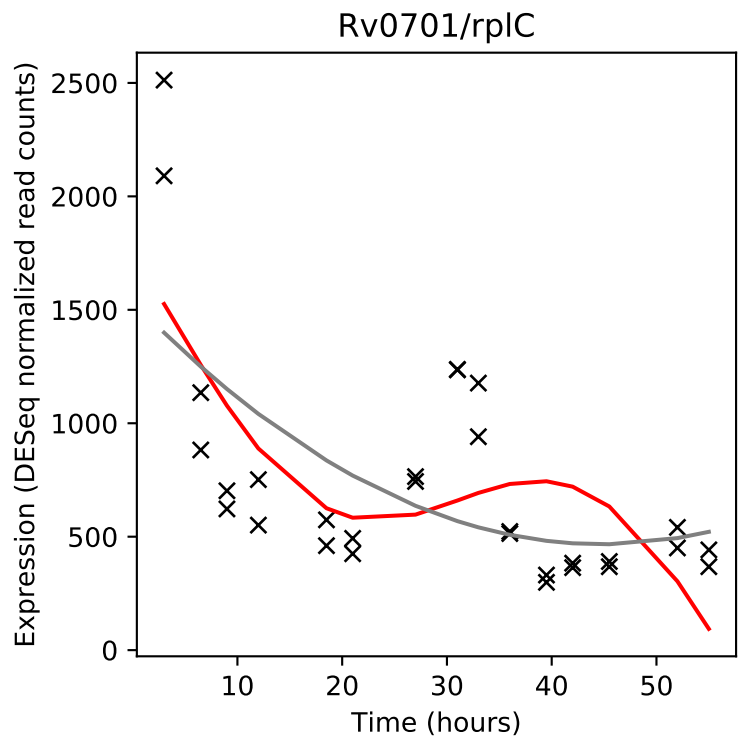

Rv0665/vapC8
Rv0666/-
Rv0667/rpoB
Rv0668/rpoC
Rv0669c/-
Rv0670/end
Rv0671/lpqP
Rv0672/fadE8
Rv0673/echA4
Expression (DESeq normalized read counts)
Time (hours)

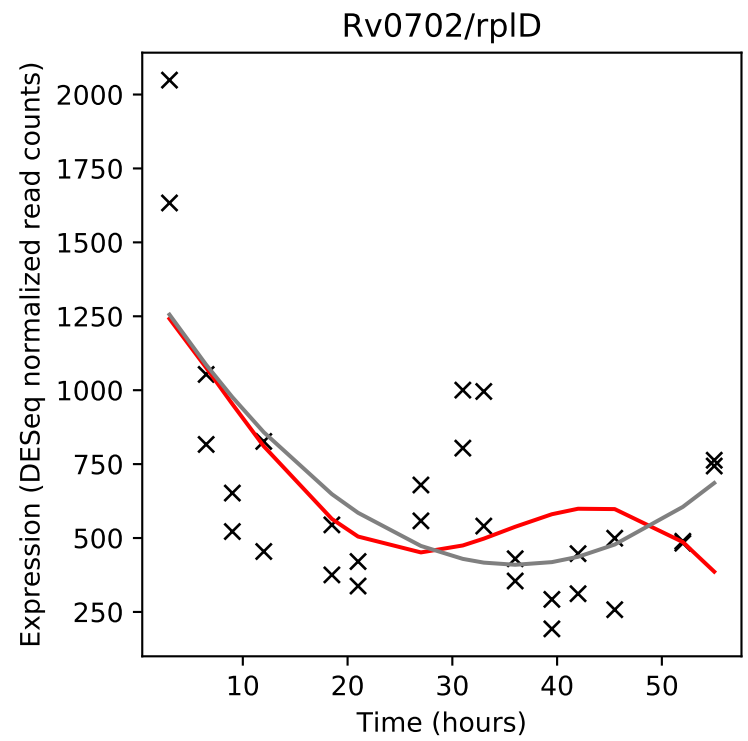

Rv0674/-
Rv0675/echA5
Rv0676c/mmpL5
Rv0677c/mmpS5
Rv0678/-
Rv0679c/-
Rv0680c/-
Rv0681/-
Rv0682/rpsL
Expression (DESeq normalized read counts)
Time (hours)

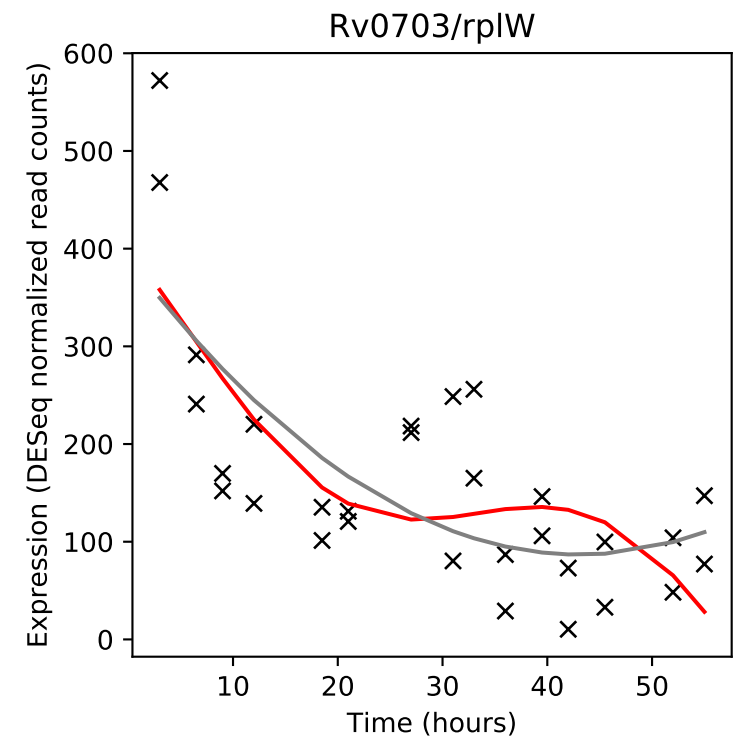

Rv0683/rpsG
Rv0684/fusA1
Rv0685/tuf
Rv0686/-
Rv0687/-
Rv0688/-
Rv0689c/-
Rv0690c/-
Rv0691c/-
Expression (DESeq normalized read counts)
Time (hours)

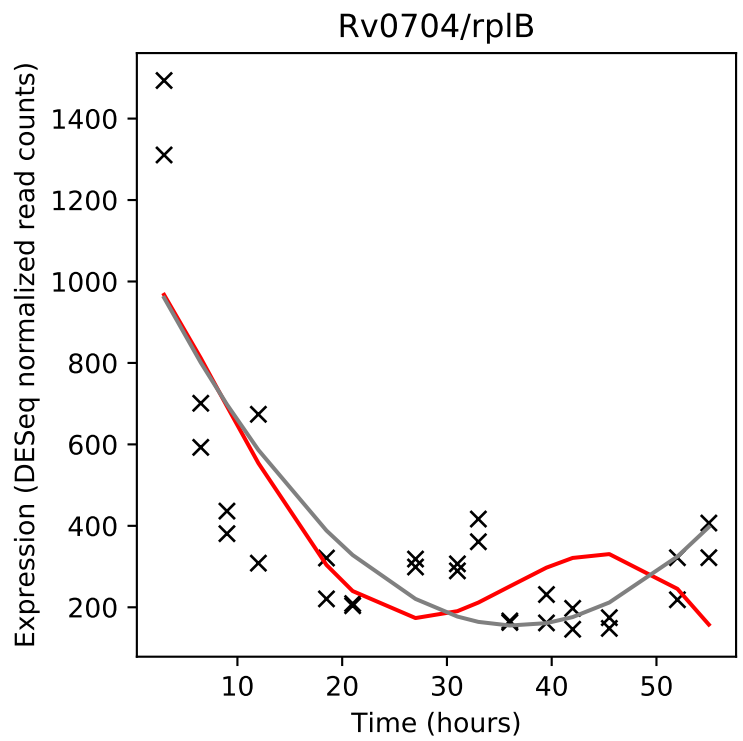

Rv0691A/-
Rv0692/-
Rv0693/pqqE
Rv0694/lldD1
Rv0695/-
Rv0696/-
Rv0697/-
Rv0698/-
Rv0699/-
Expression (DESeq normalized read counts)
Time (hours)

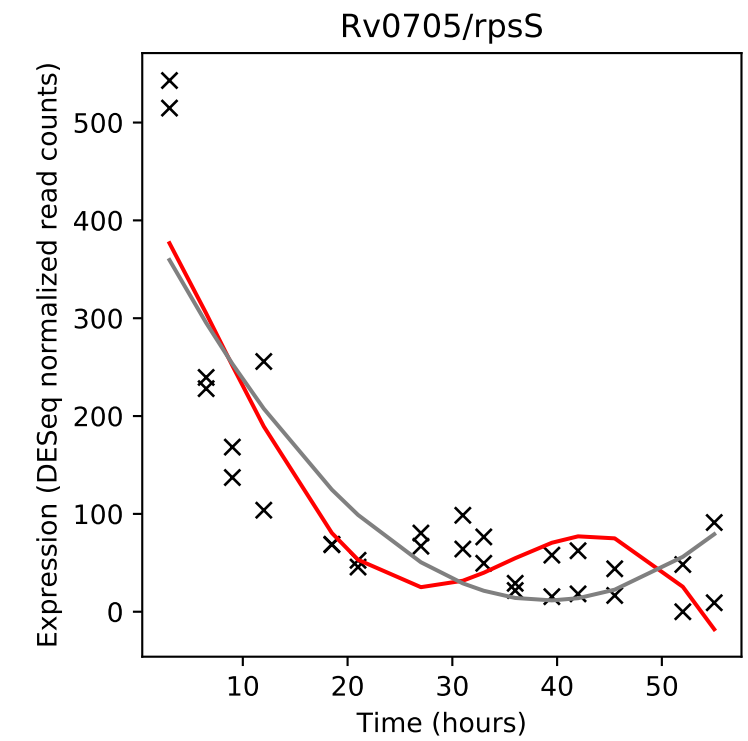

Rv0700/rpsJ
Expression (DESeq normalized read counts)
Time (hours)

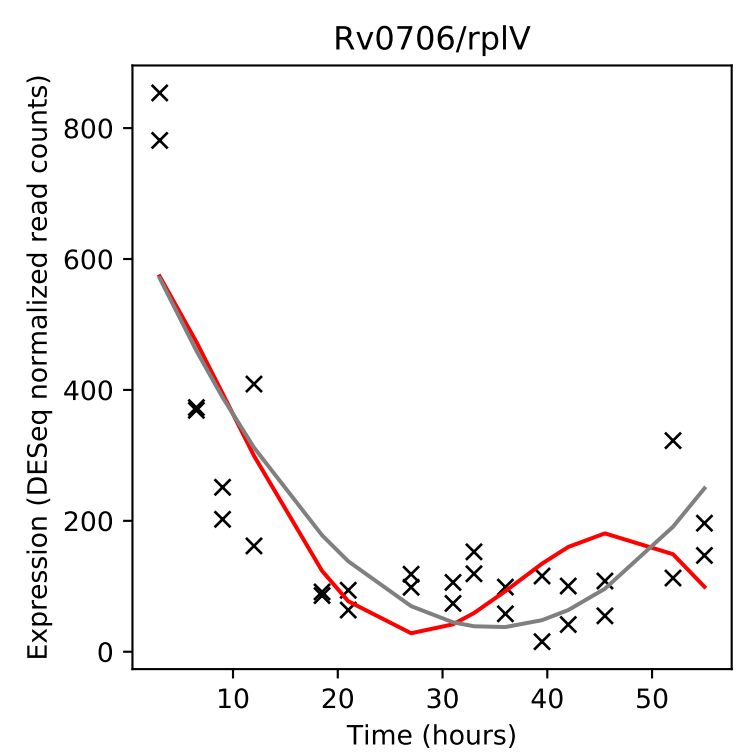

Rv0701/rplC
Expression (DESeq normalized read counts)
Time (hours)

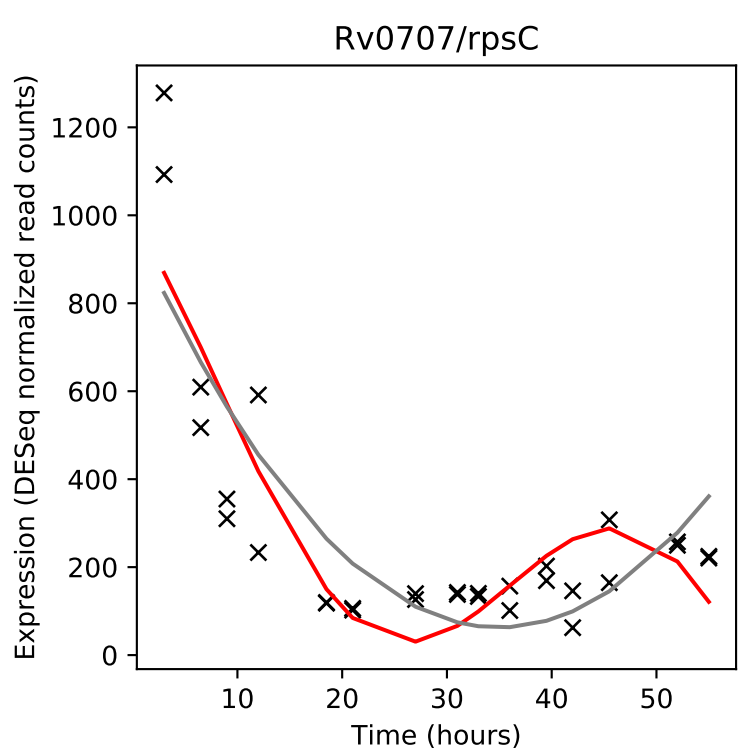

Rv0702/rplD
Expression (DESeq normalized read counts)
Time (hours)

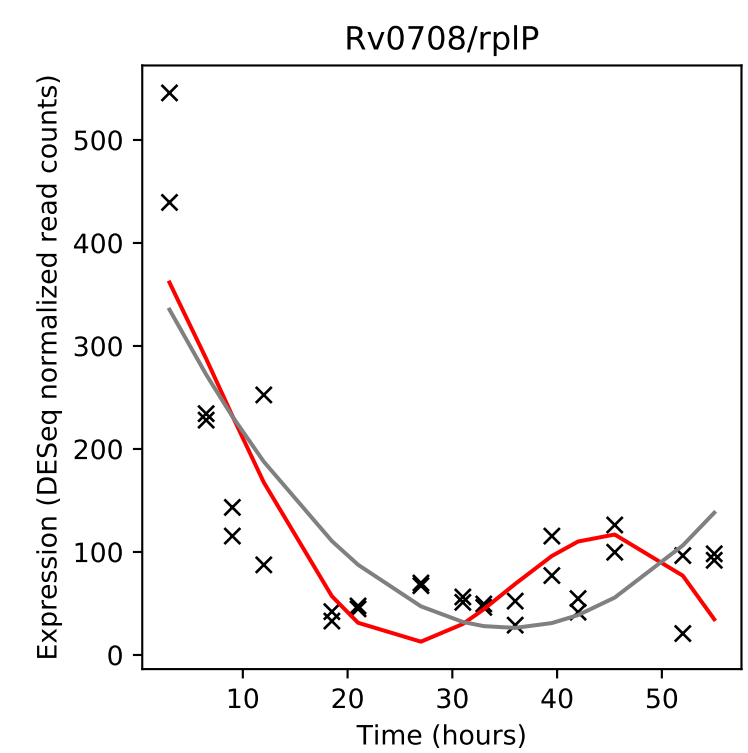

Rv0703/rplW
Expression (DESeq normalized read counts)
Time (hours)

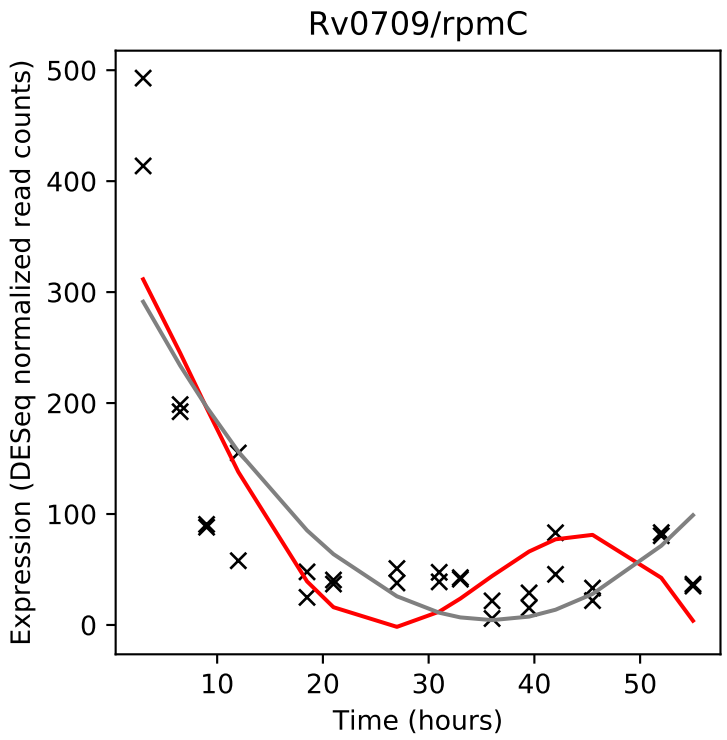

Rv0704/rplB
Expression (DESeq normalized read counts)
Time (hours)

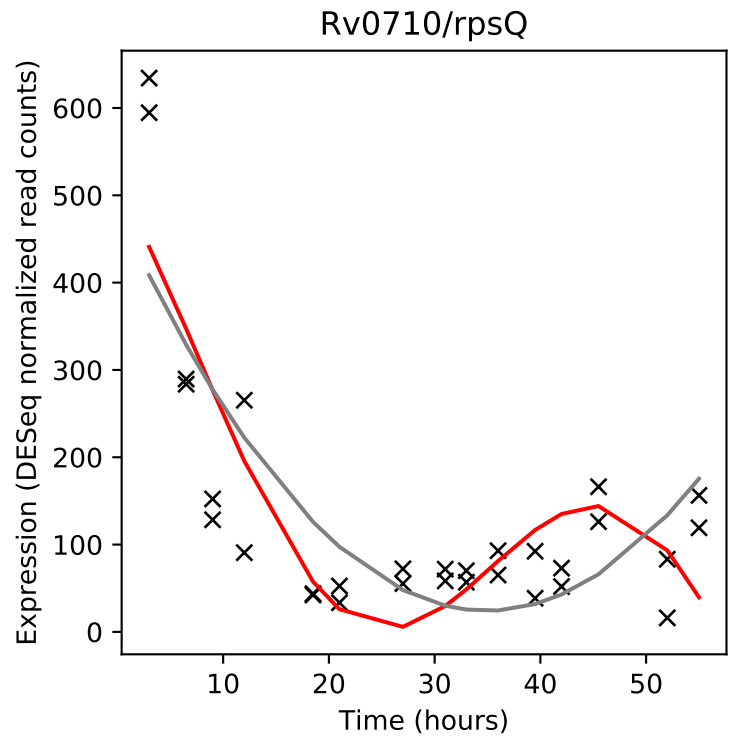

Rv0705/rpsS
Expression (DESeq normalized read counts)
Time (hours)

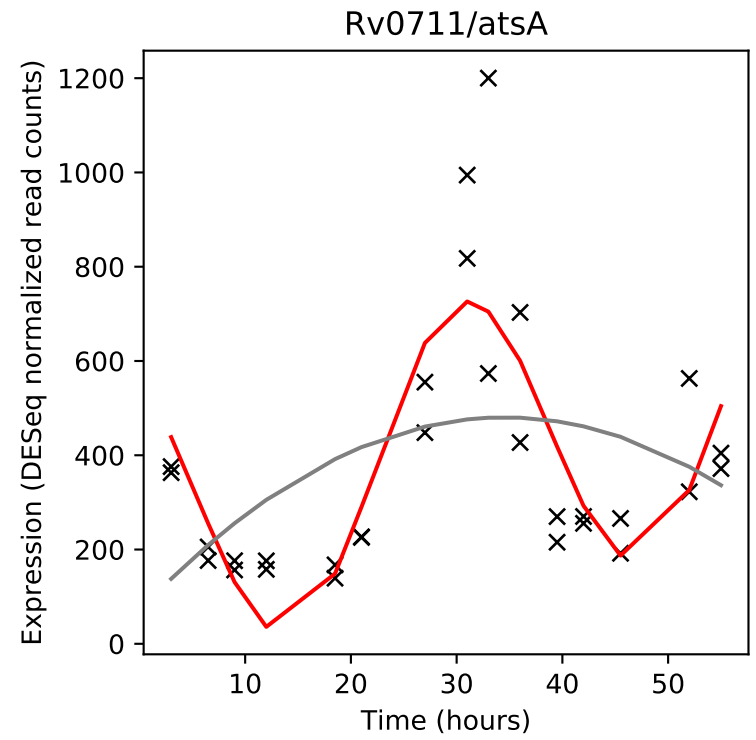

Rv0706/rplV
Expression (DESeq normalized read counts)
Time (hours)

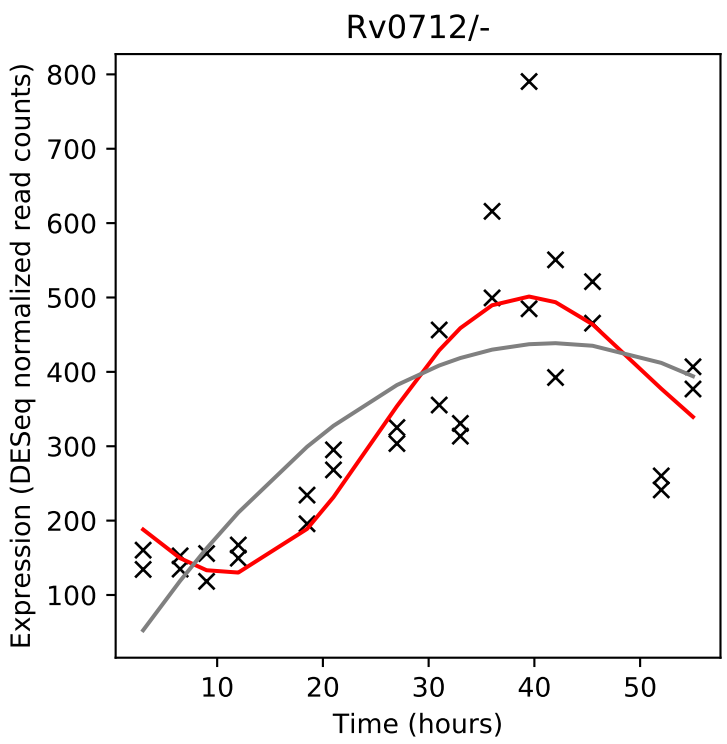

Rv0707/rpsC
Expression (DESeq normalized read counts)
Time (hours)

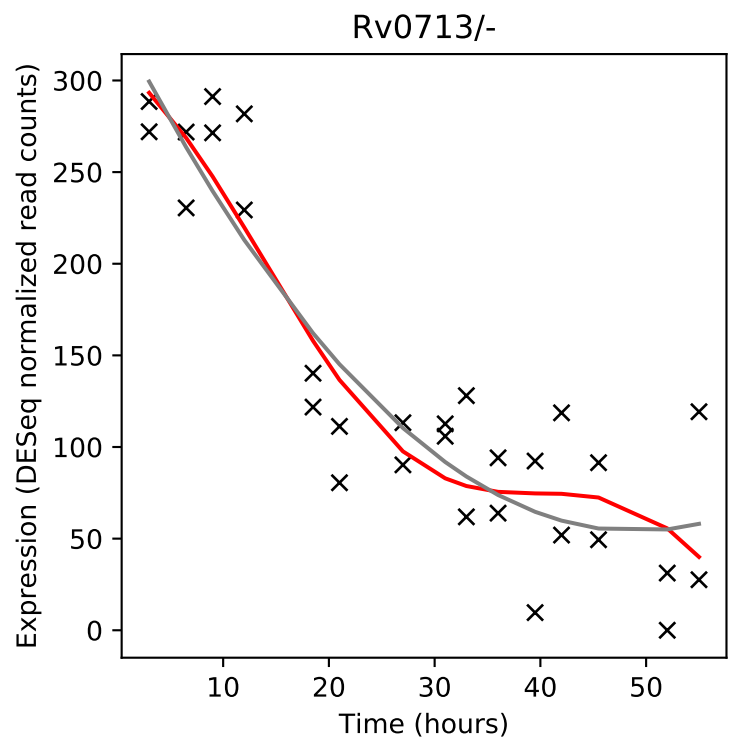

Rv0708/rplP
Expression (DESeq normalized read counts)
Time (hours)

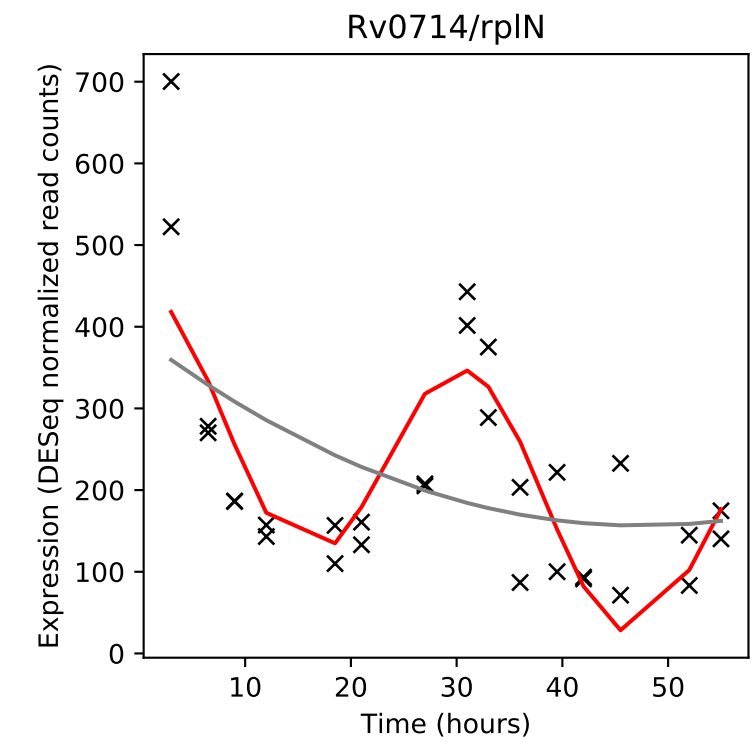

Rv0709/rpmC
Expression (DESeq normalized read counts)
Time (hours)

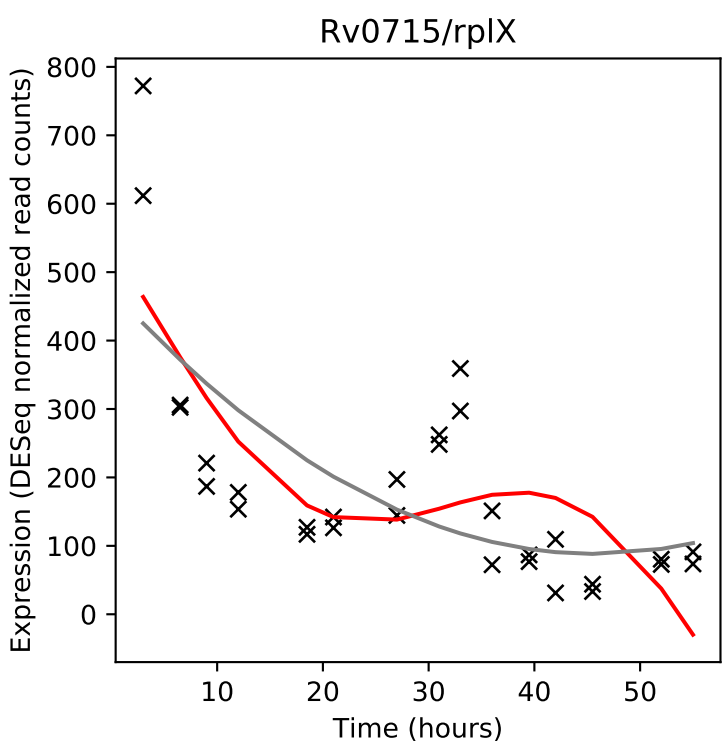

Rv0710/rpsQ
Expression (DESeq normalized read counts)
Time (hours)

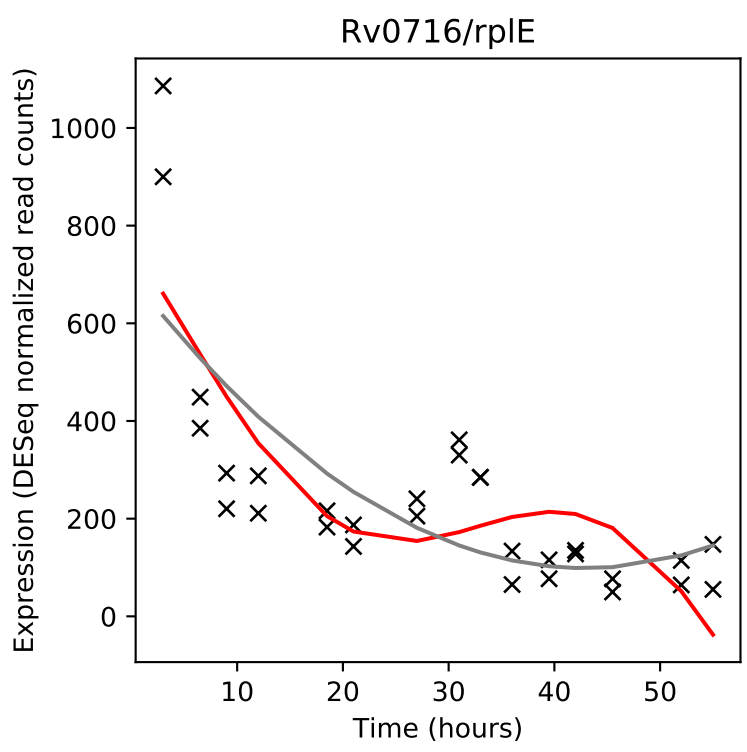

Rv0711/atsA
Expression (DESeq normalized read counts)
Time (hours)

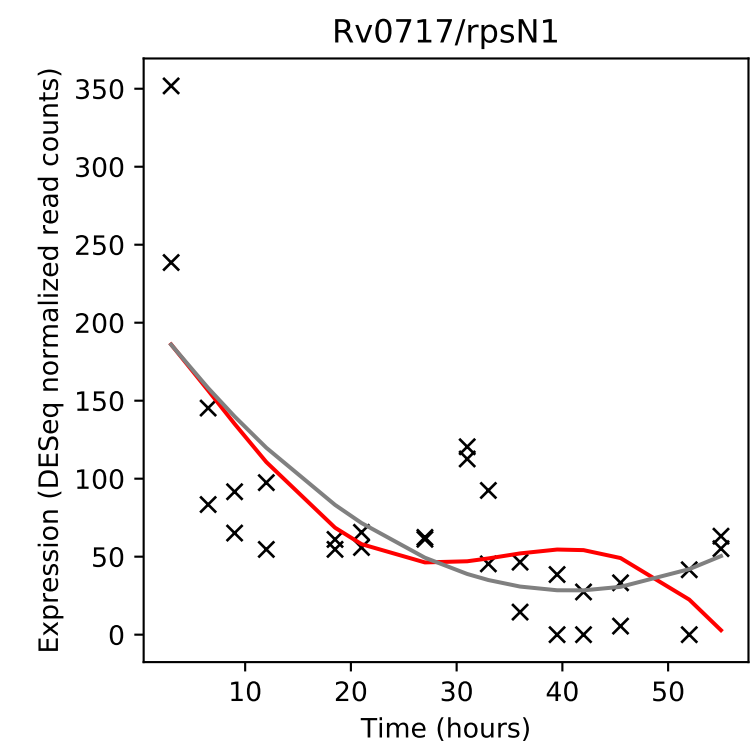

Rv0712/-
Expression (DESeq normalized read counts)
Time (hours)

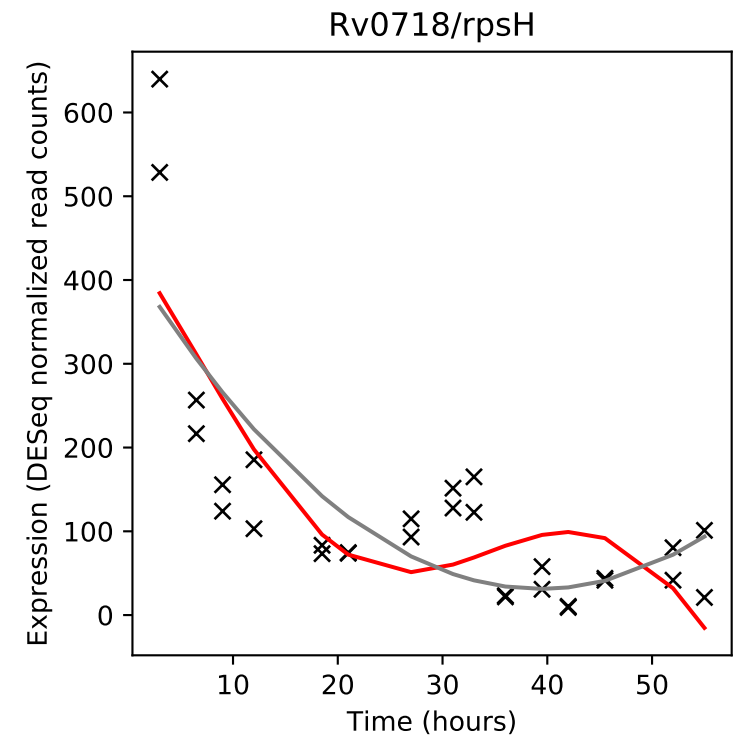

Rv0713/-
Expression (DESeq normalized read counts)
Time (hours)

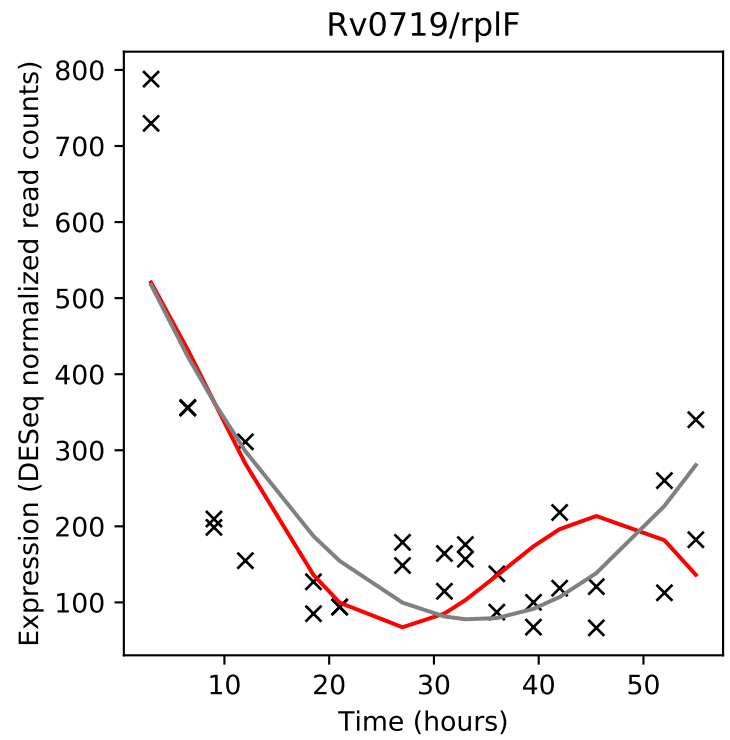

Rv0714/rplN
Expression (DESeq normalized read counts)
Time (hours)

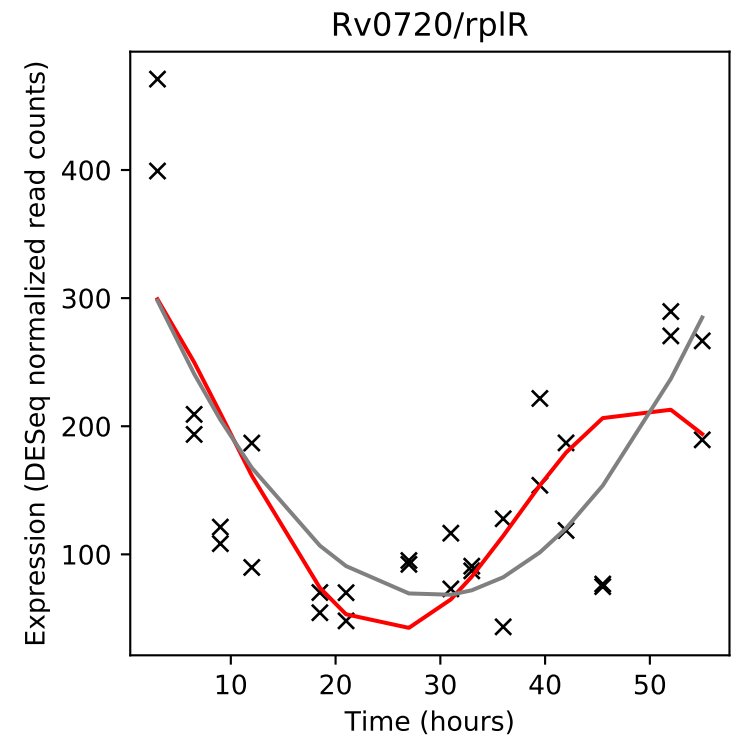

Rv0715/rplX
Expression (DESeq normalized read counts)
Time (hours)

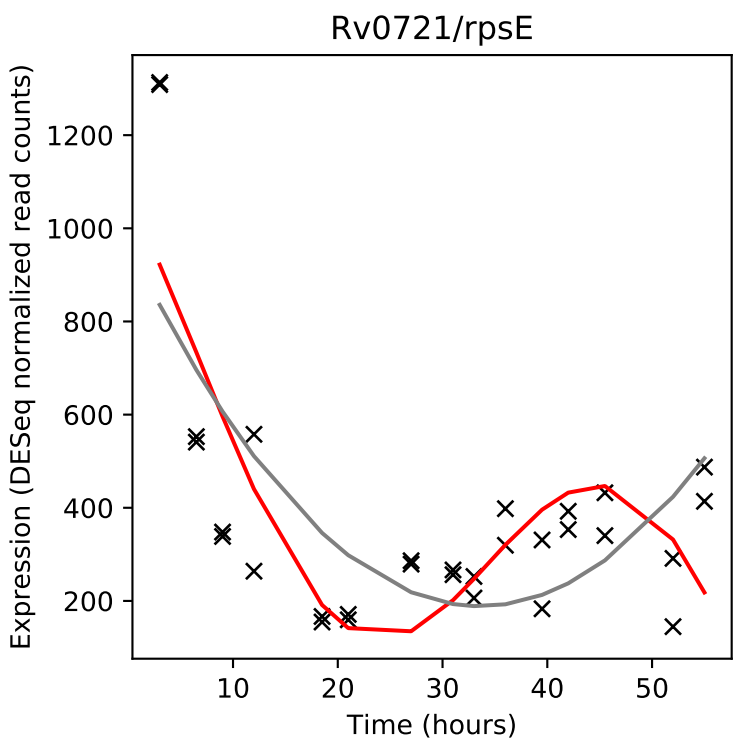

Rv0716/rplE
Expression (DESeq normalized read counts)
Time (hours)

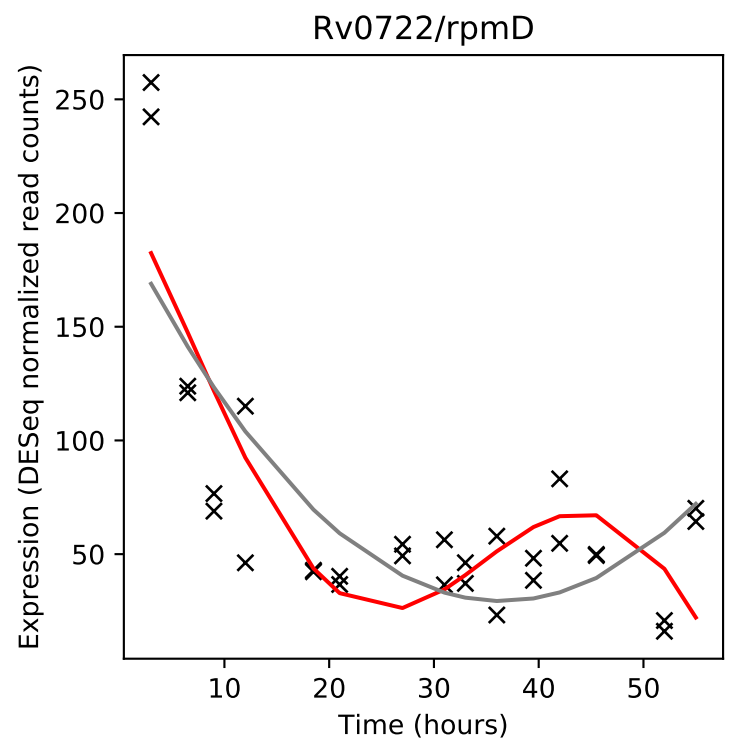

Rv0717/rpsN1
Expression (DESeq normalized read counts)
Time (hours)

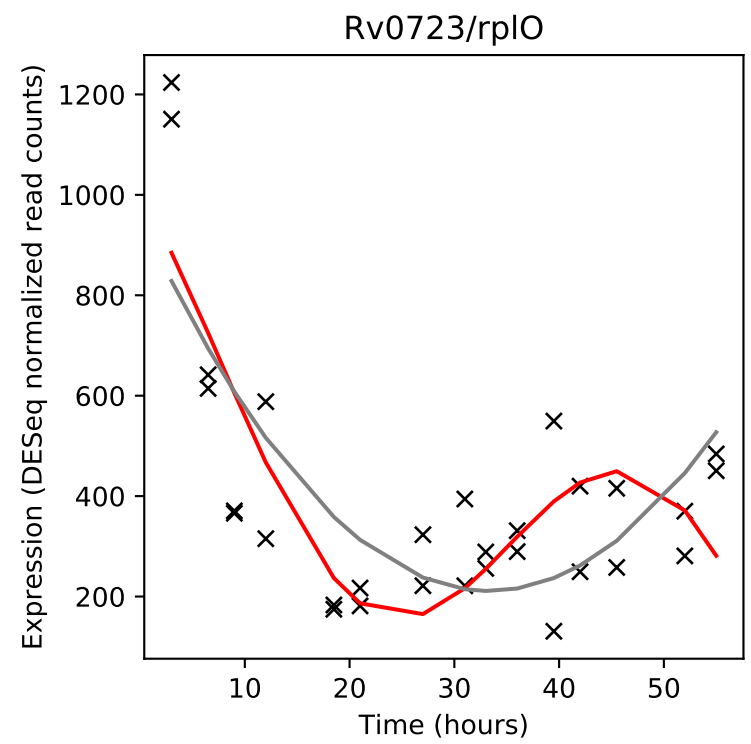

Rv0718/rpsH
Expression (DESeq normalized read counts)
Time (hours)

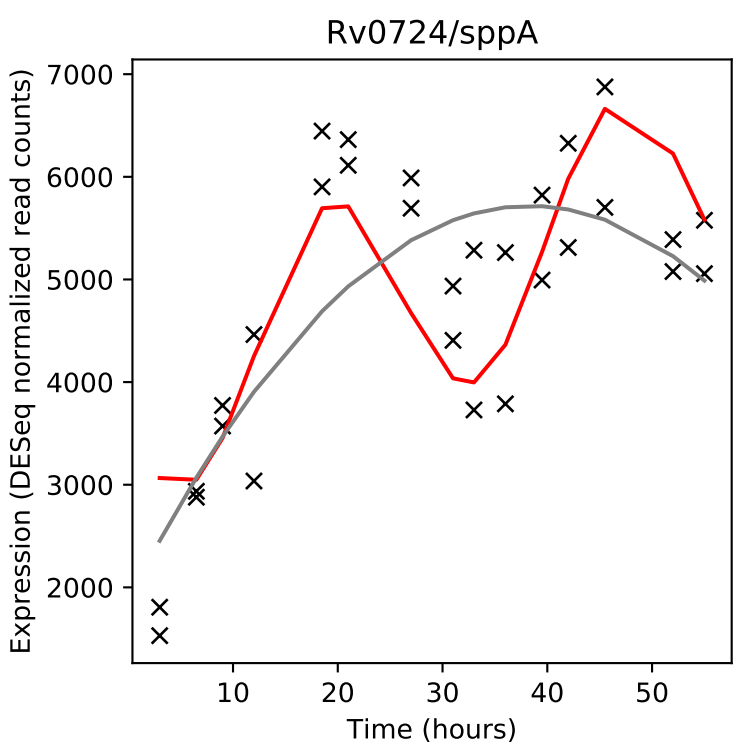

Rv0719/rplF
Expression (DESeq normalized read counts)
Time (hours)

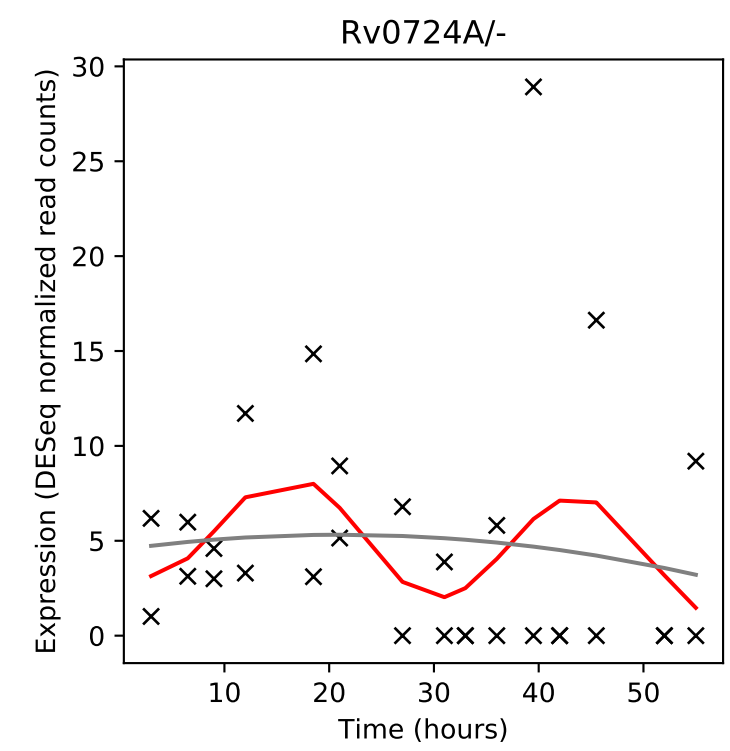

Rv0720/rplR
Expression (DESeq normalized read counts)
Time (hours)

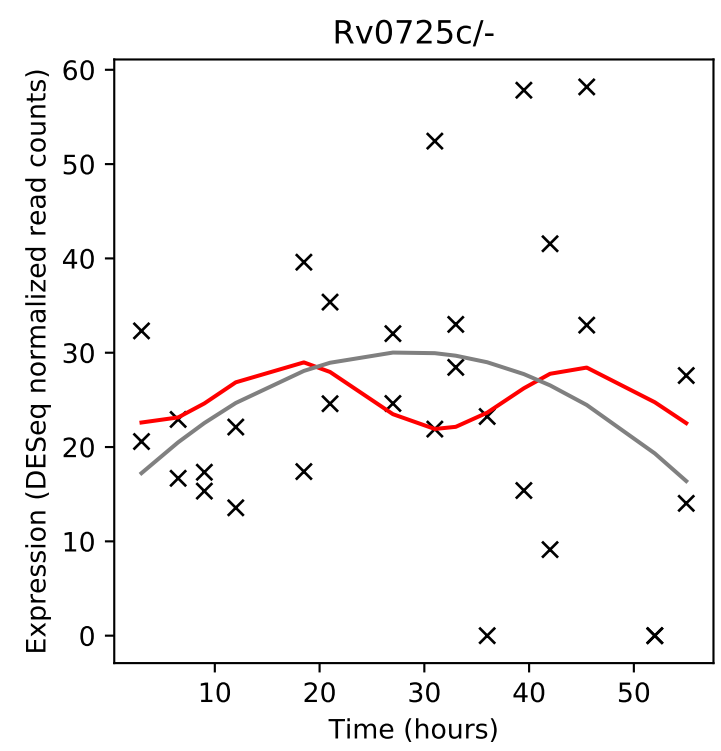

Rv0721/rpsE
Expression (DESeq normalized read counts)
Time (hours)

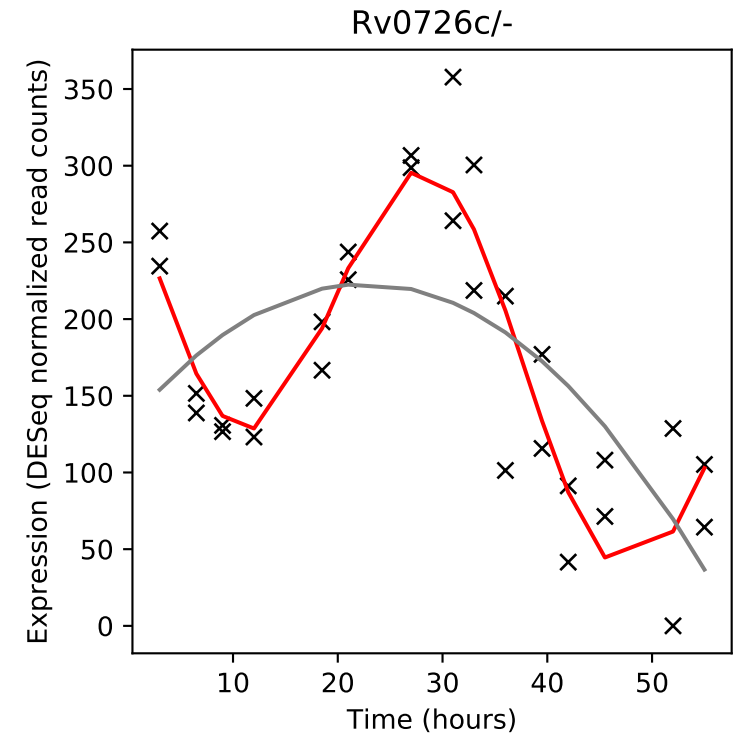

Rv0722/rpmD
Expression (DESeq normalized read counts)
Time (hours)

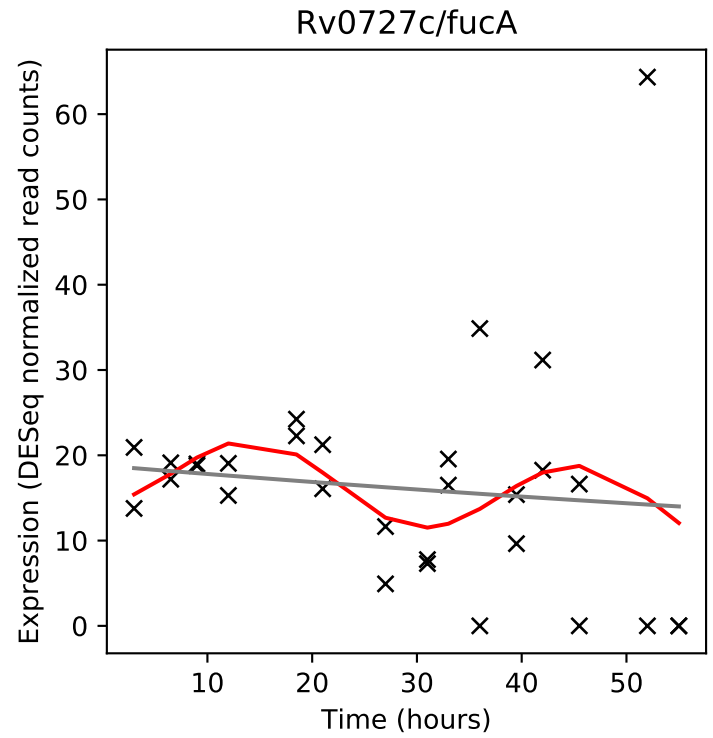

Rv0723/rplO
Expression (DESeq normalized read counts)
Time (hours)

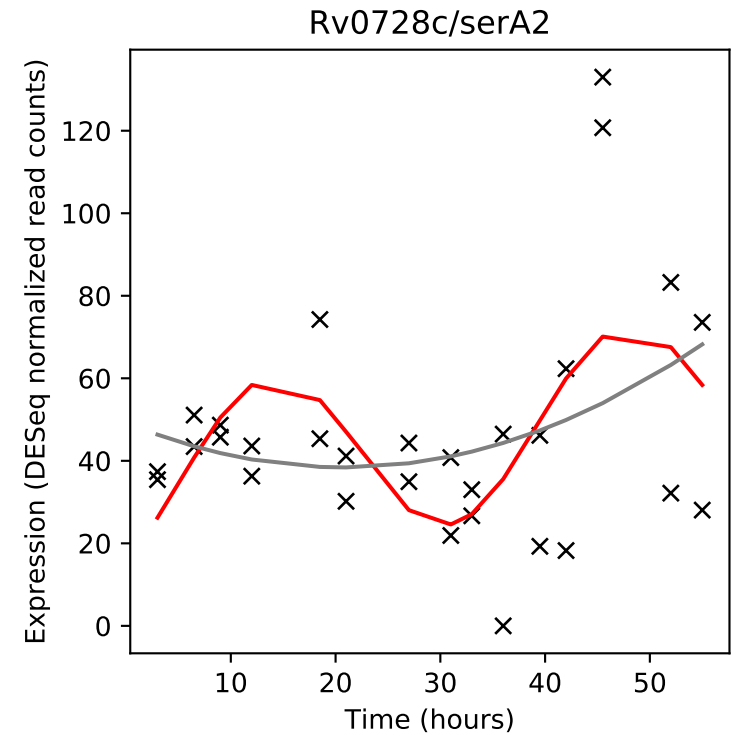

Rv0724/sppA
Expression (DESeq normalized read counts)
Time (hours)

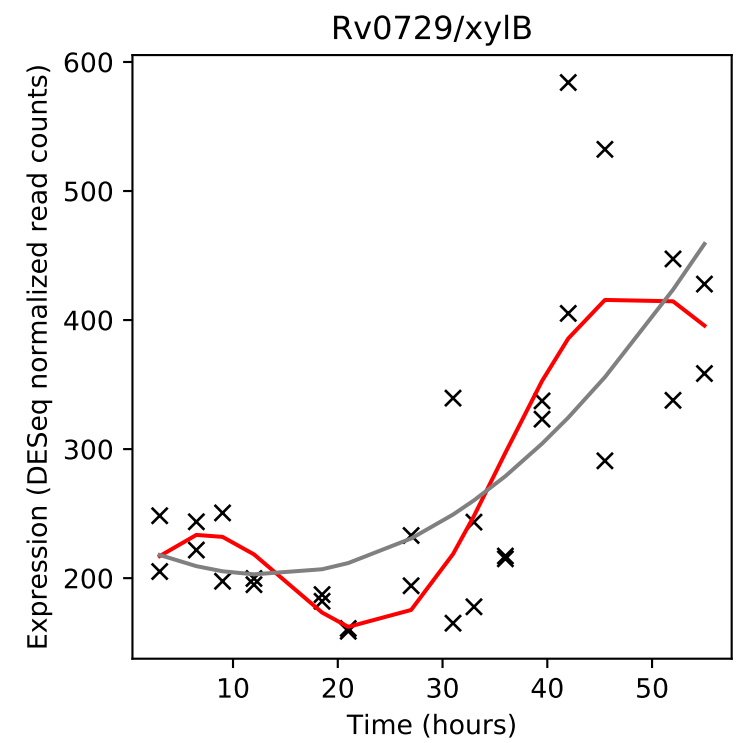

Rv0724A/-
Expression (DESeq normalized read counts)
Time (hours)

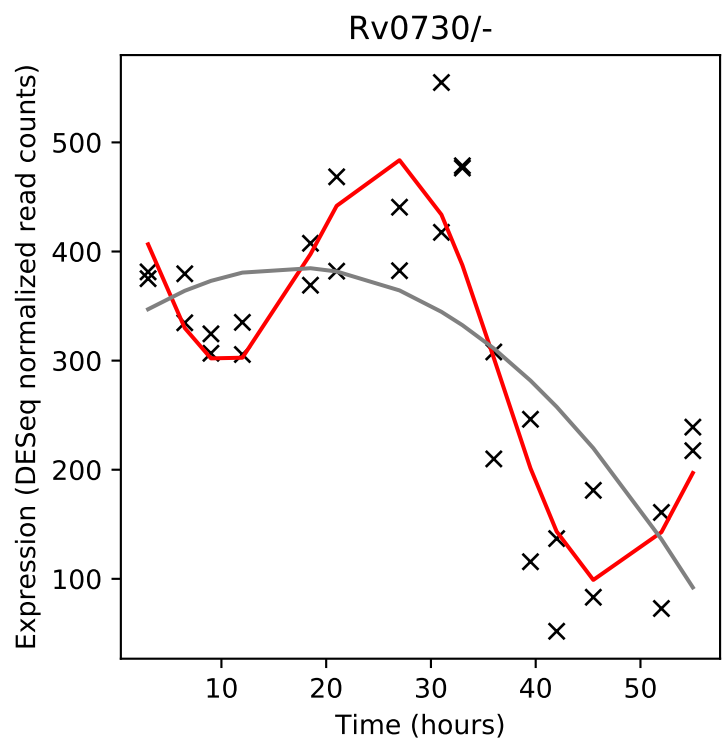

Rv0725c/-
Expression (DESeq normalized read counts)
Time (hours)

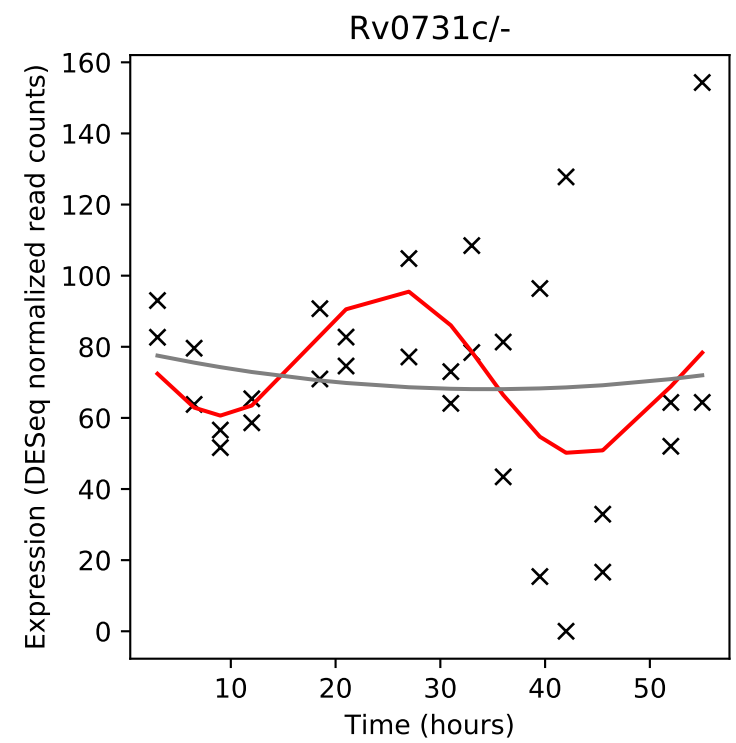

Rv0726c/-
Expression (DESeq normalized read counts)
Time (hours)

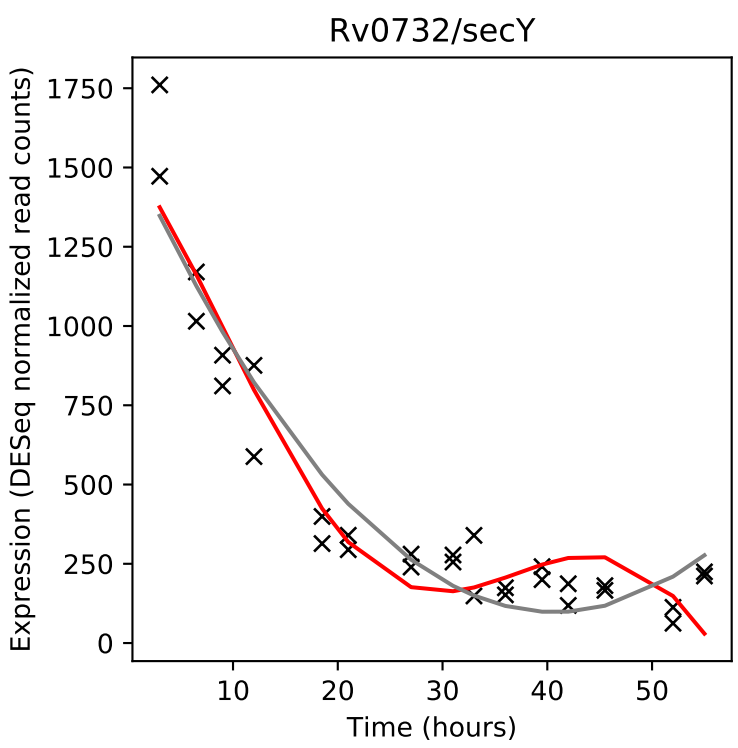

Rv0727c/fucA
Expression (DESeq normalized read counts)
Time (hours)

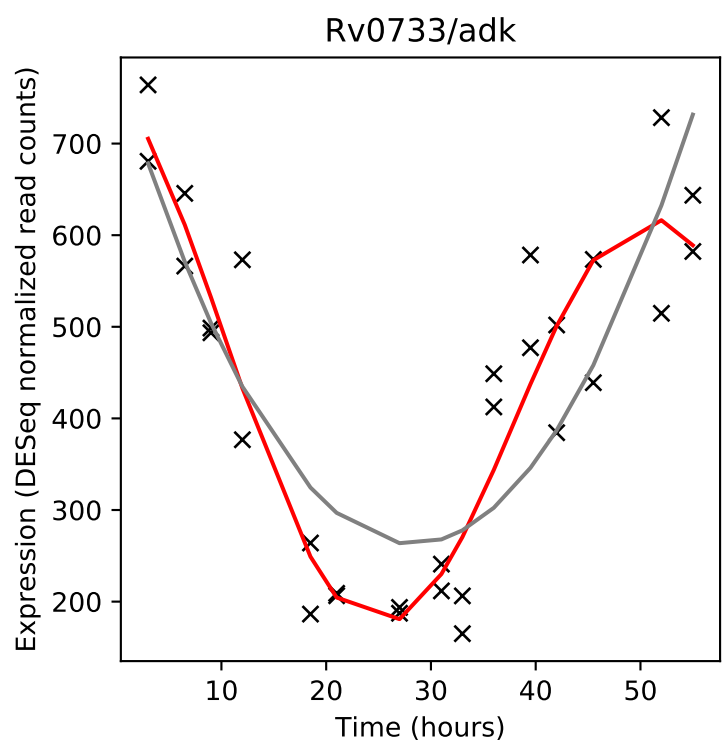

Rv0728c/serA2
Expression (DESeq normalized read counts)
Time (hours)

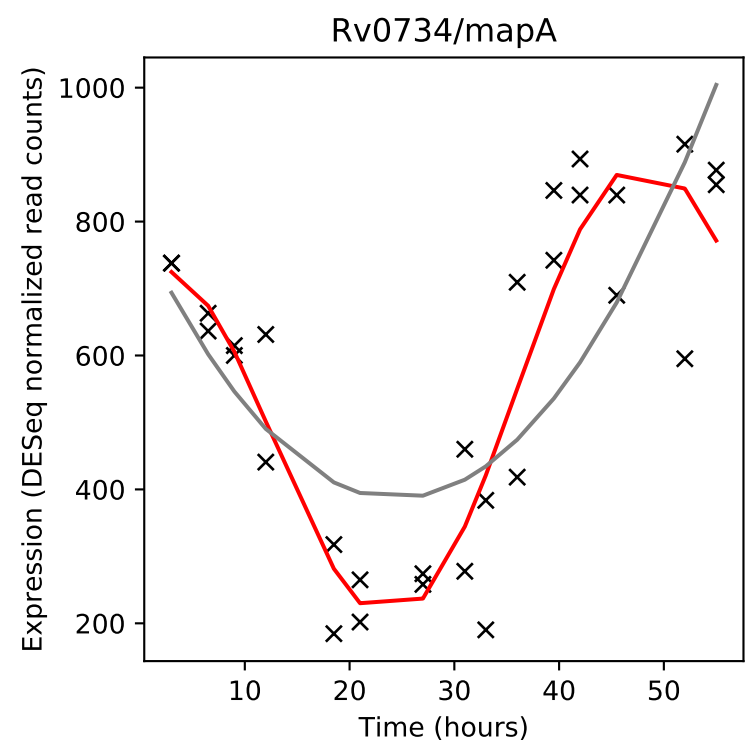

Rv0729/xylB
Expression (DESeq normalized read counts)
Time (hours)

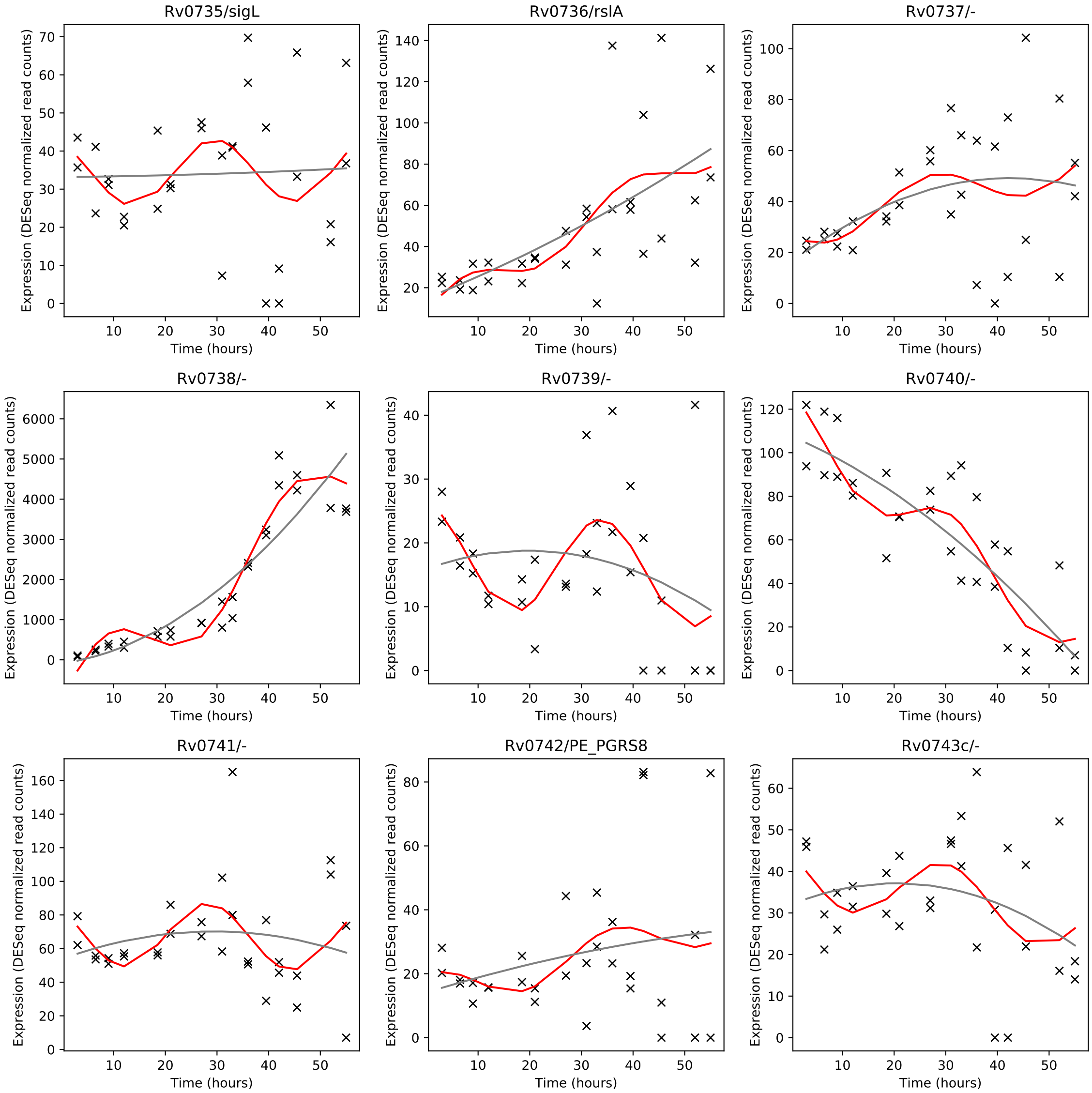

Rv0730/-
Expression (DESeq normalized read counts)
Time (hours)

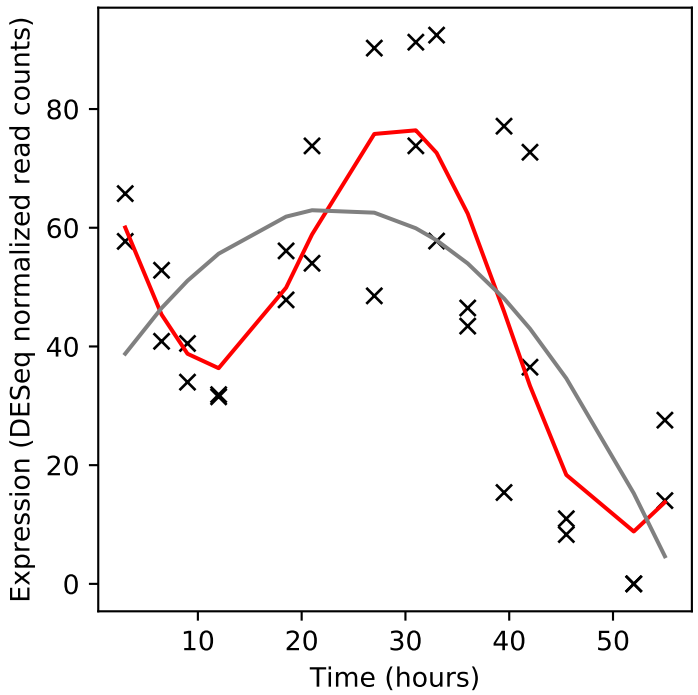

Rv0731c/-
Expression (DESeq normalized read counts)
Time (hours)

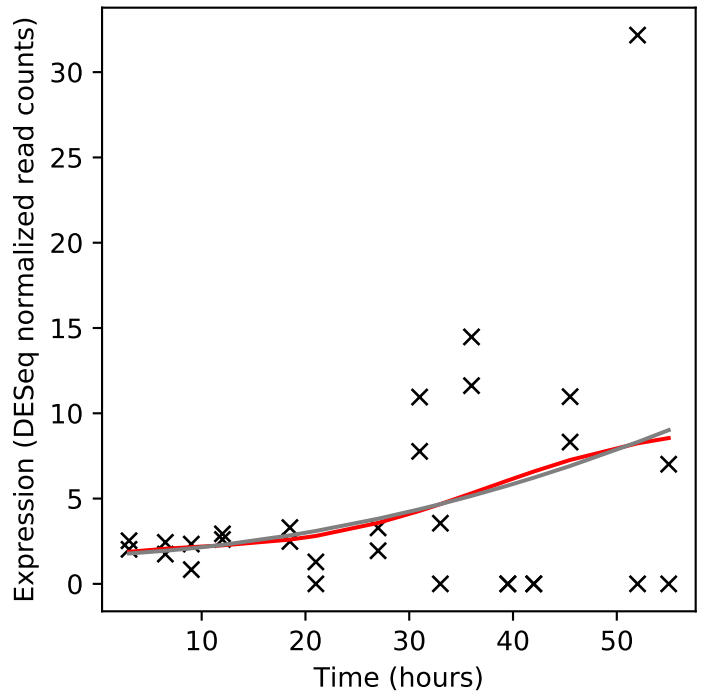

Rv0732/secY
Expression (DESeq normalized read counts)
Time (hours)

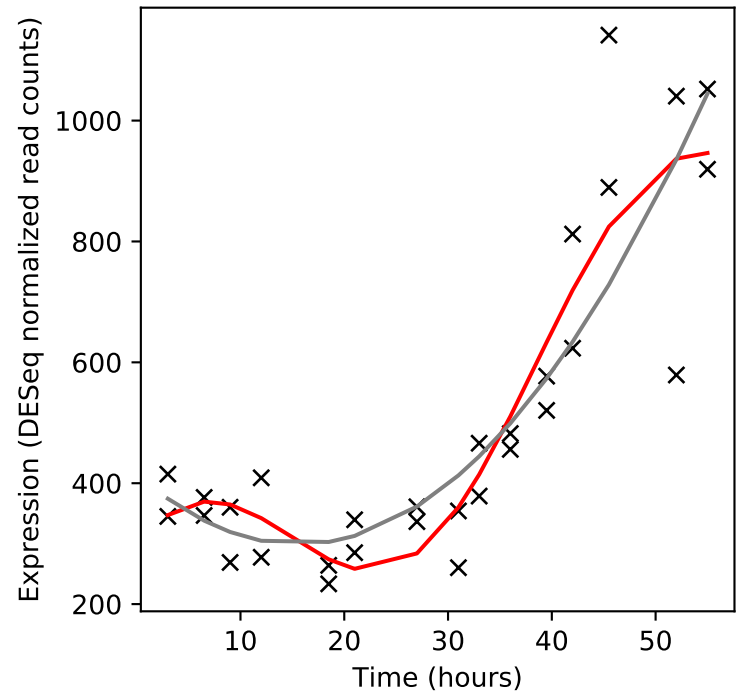

Rv0733/adk
Expression (DESeq normalized read counts)
Time (hours)

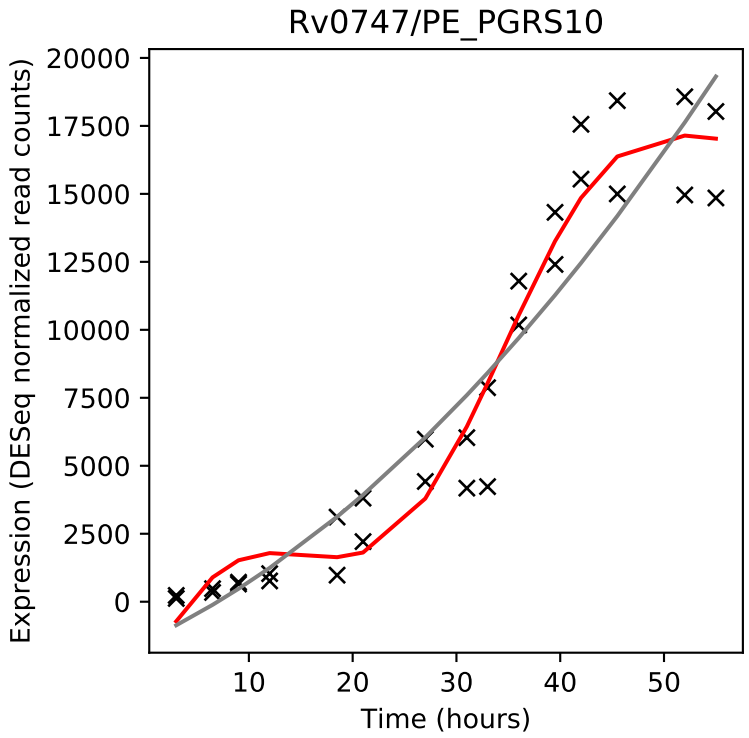

Rv0734/mapA
Expression (DESeq normalized read counts)
Time (hours)

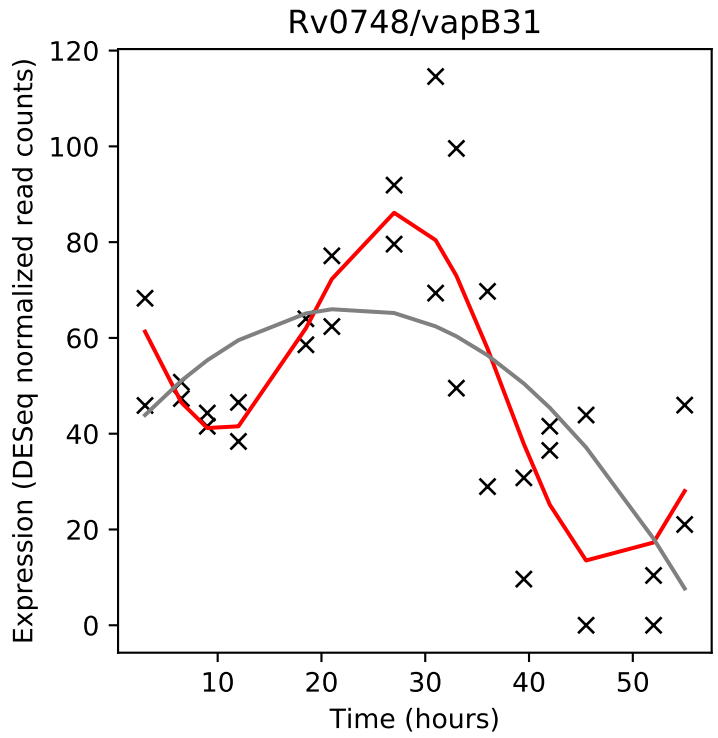

Rv0735/sigL
Rv0736/rslA
Rv0737/-
Rv0738/-
Rv0739/-
Rv0740/-
Rv0741/-
Rv0742/PE_PGRS8
Rv0743c/-
Expression (DESeq normalized read counts)
Time (hours)

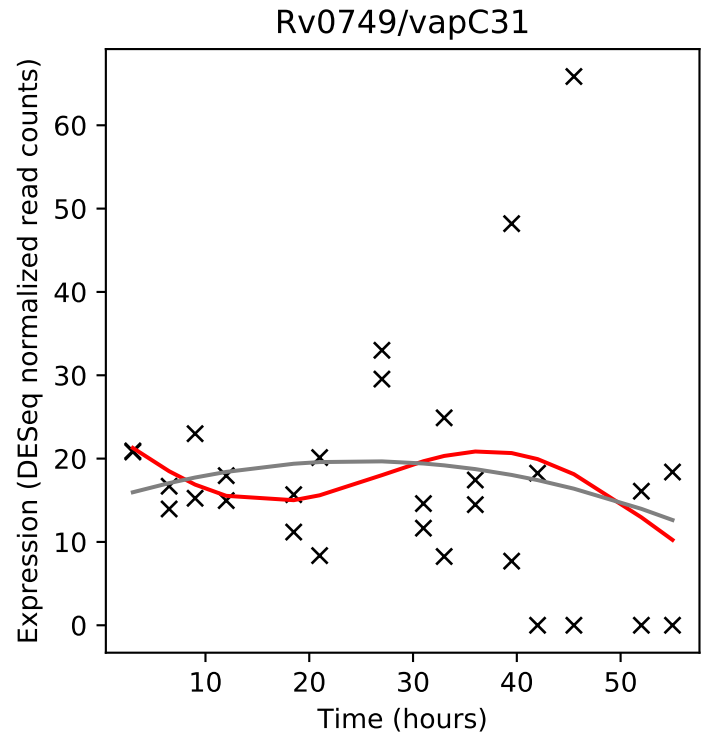

Rv0744c/-
Expression (DESeq normalized read counts)
Time (hours)

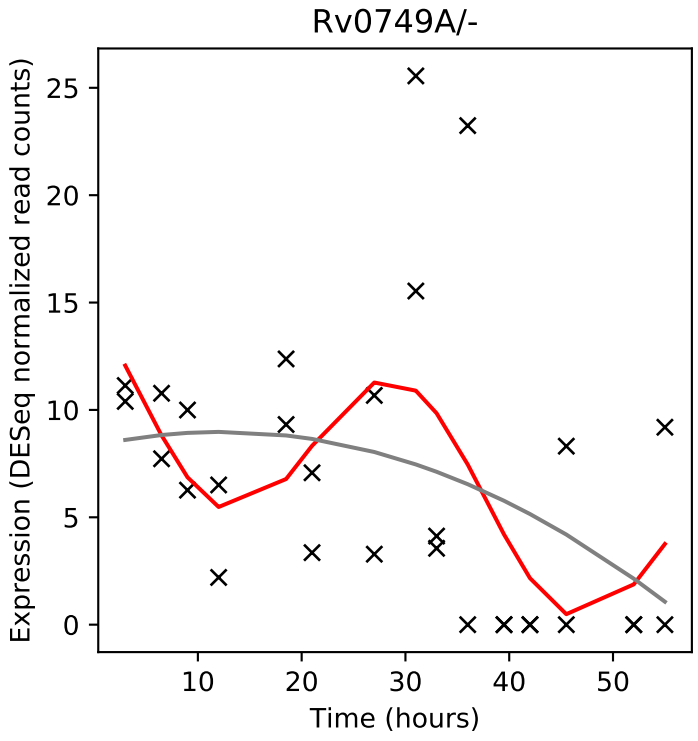

Rv0745/-
Expression (DESeq normalized read counts)
Time (hours)

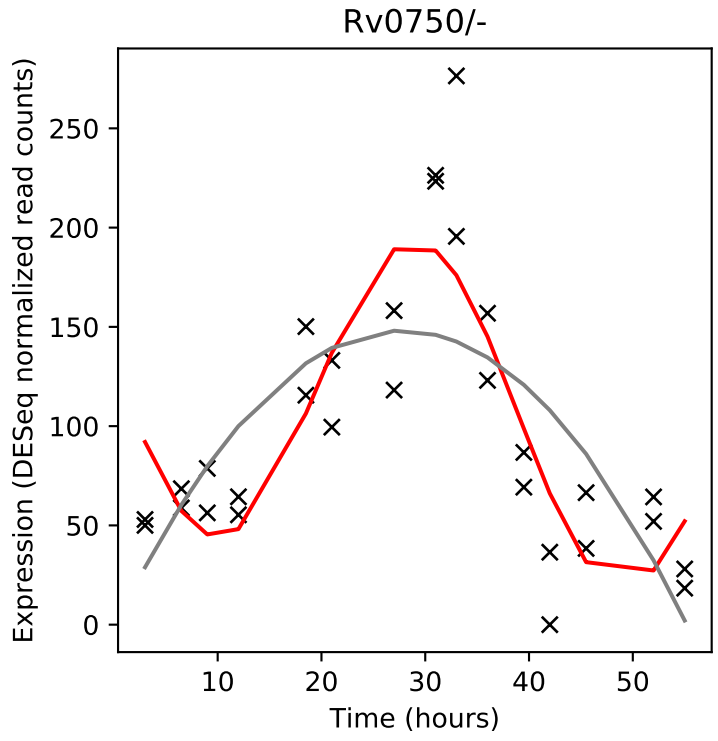

Rv0746/PE_PGRS9
Expression (DESeq normalized read counts)
Time (hours)

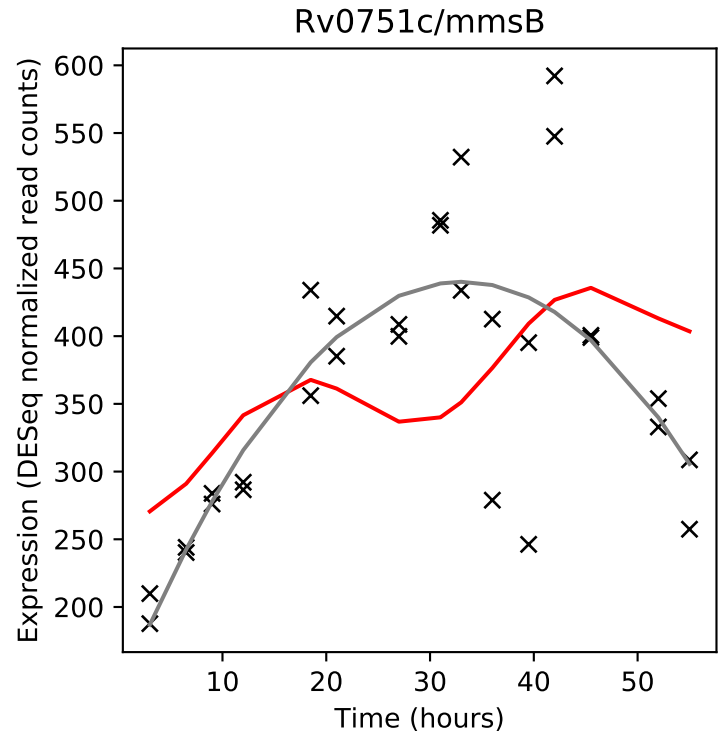

Rv0747/PE_PGRS10
Expression (DESeq normalized read counts)
Time (hours)

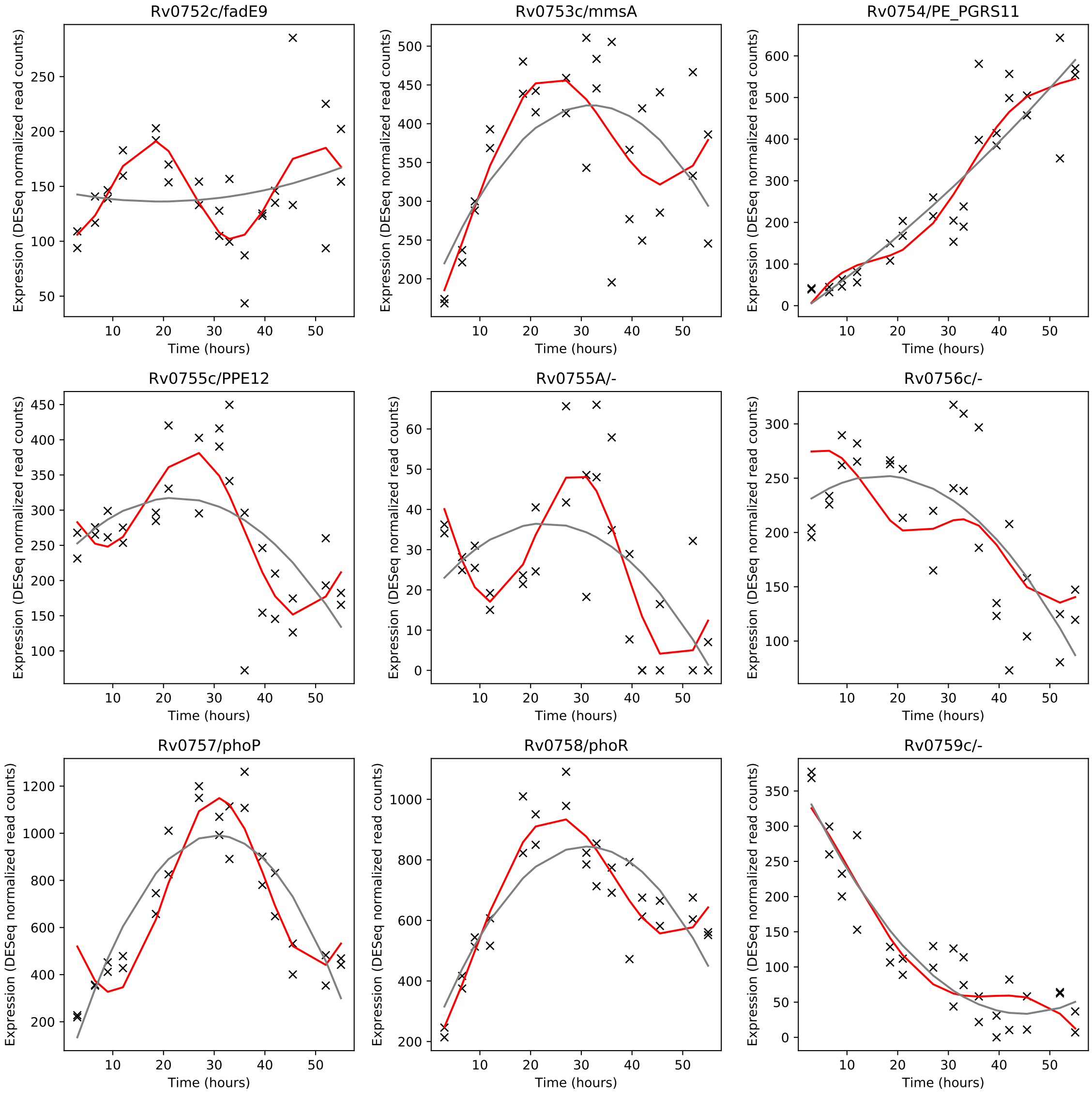

Rv0748/vapB31
Expression (DESeq normalized read counts)
Time (hours)

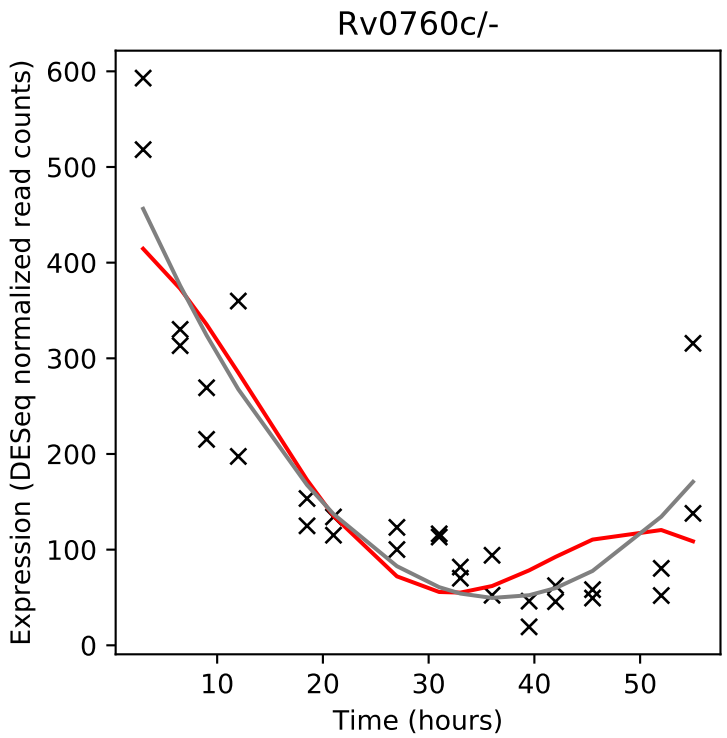

Rv0749/vapC31
Expression (DESeq normalized read counts)
Time (hours)

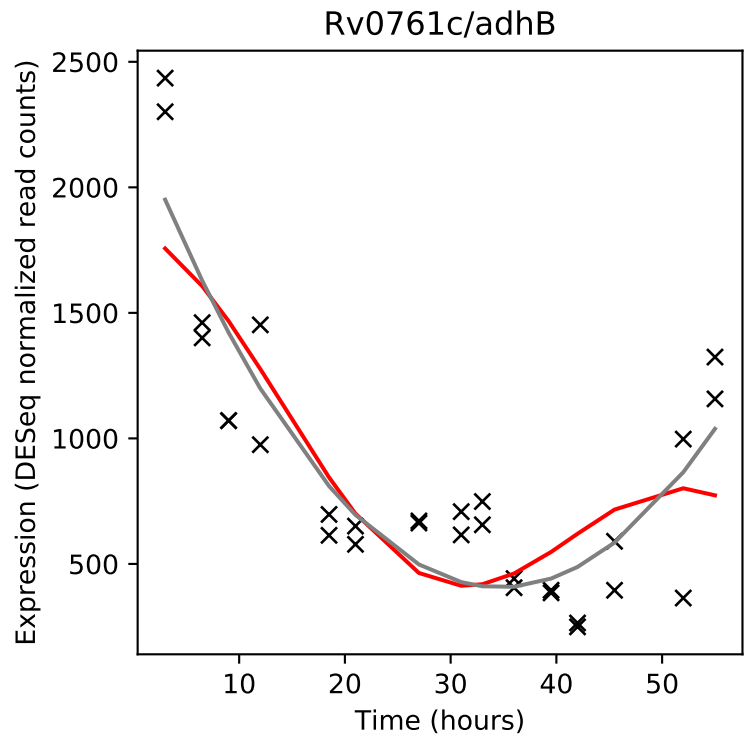

Rv0749A/-
Expression (DESeq normalized read counts)
Time (hours)

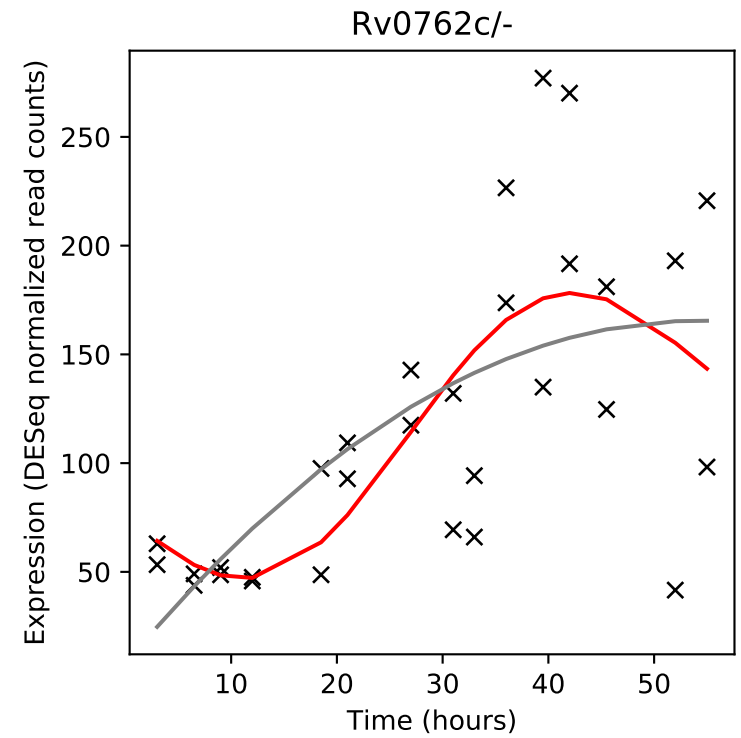

Rv0750/-
Expression (DESeq normalized read counts)
Time (hours)

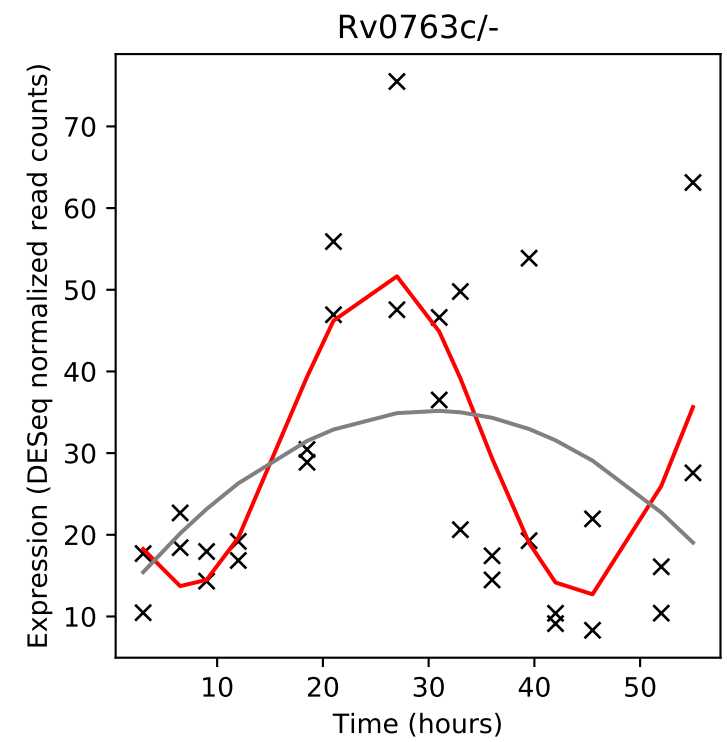

Rv0751c/mmsB
Expression (DESeq normalized read counts)
Time (hours)

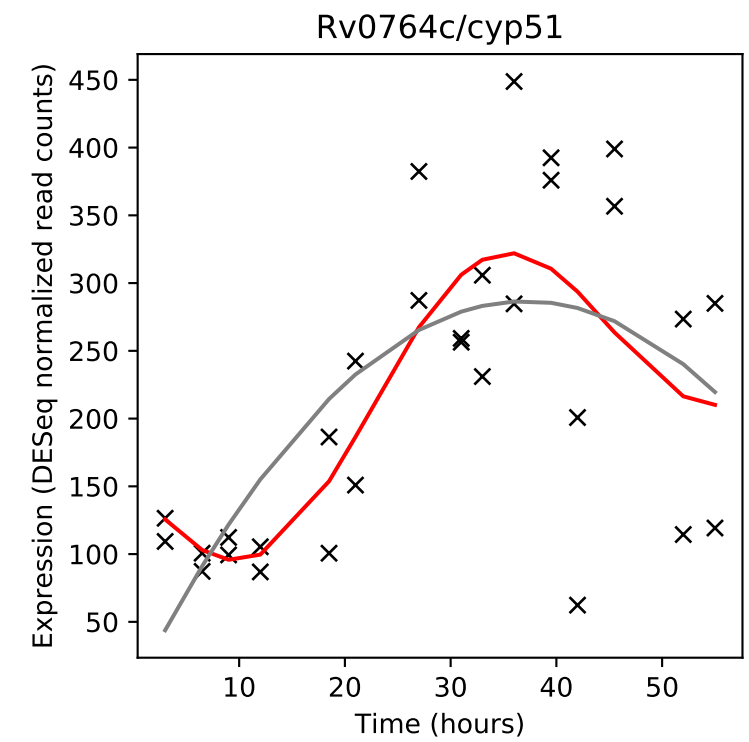

Rv0752c/fadE9
Rv0753c/mmsA
Rv0754/PE_PGRS11
Rv0755c/PPE12
Rv0755A/-
Rv0756c/-
Rv0757/phoP
Rv0758/phoR
Rv0759c/-
Expression (DESeq normalized read counts)
Time (hours)

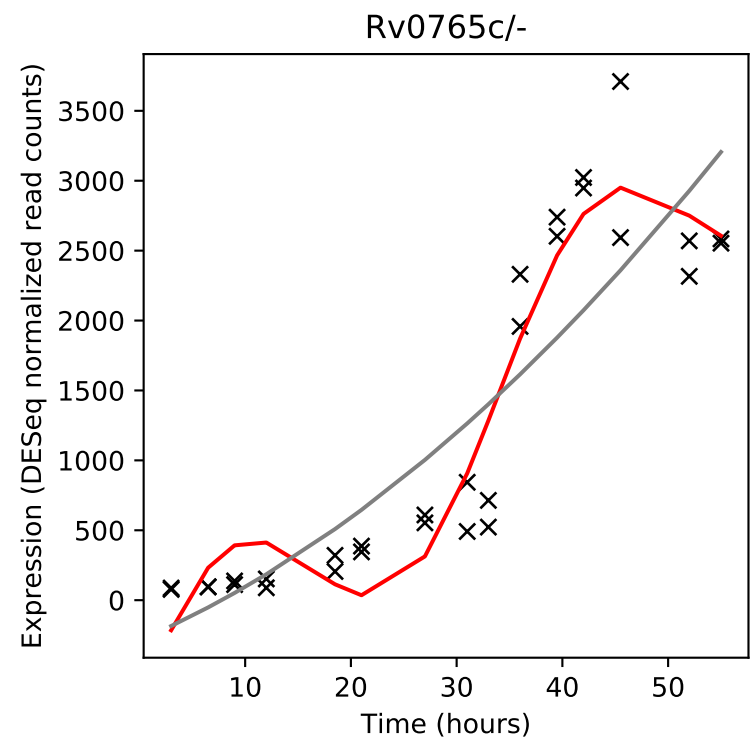

Rv0760c/-
Expression (DESeq normalized read counts)
Time (hours)

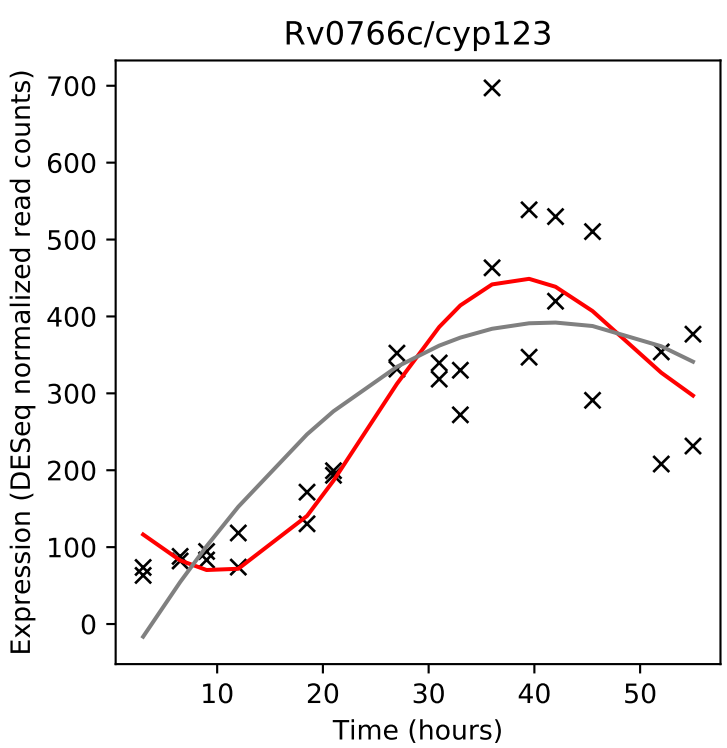

Rv0761c/adhB
Expression (DESeq normalized read counts)
Time (hours)

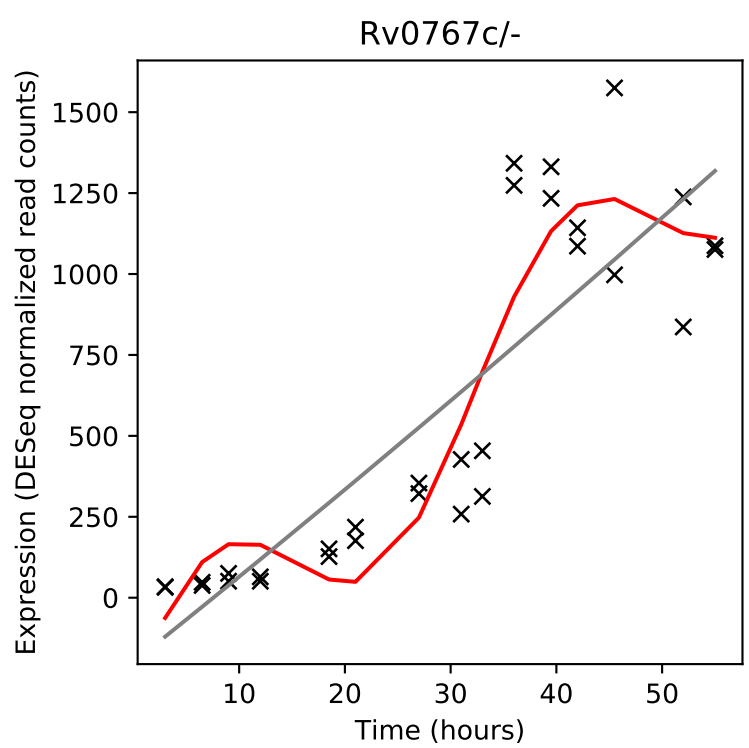

Rv0762c/-
Expression (DESeq normalized read counts)
Time (hours)

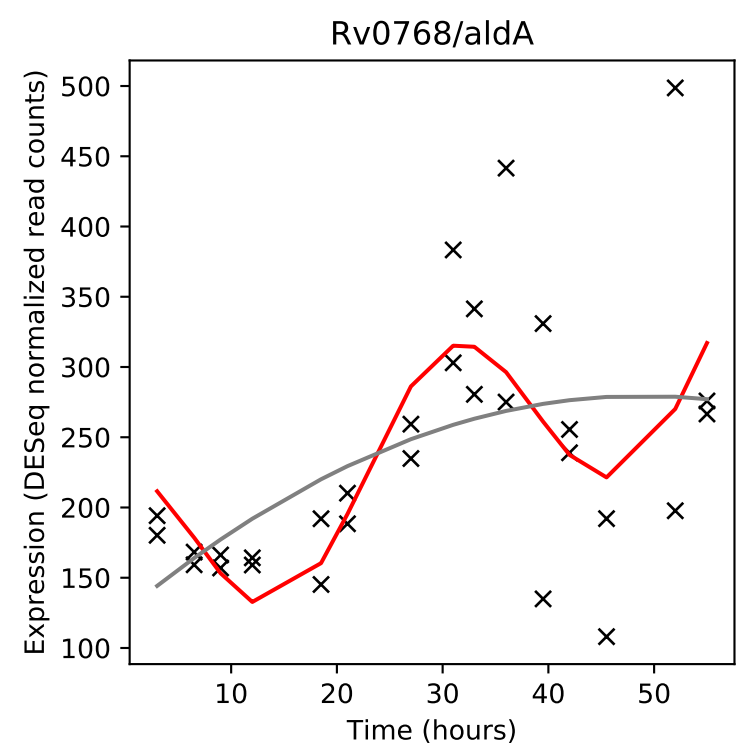

Rv0763c/-
Expression (DESeq normalized read counts)
Time (hours)

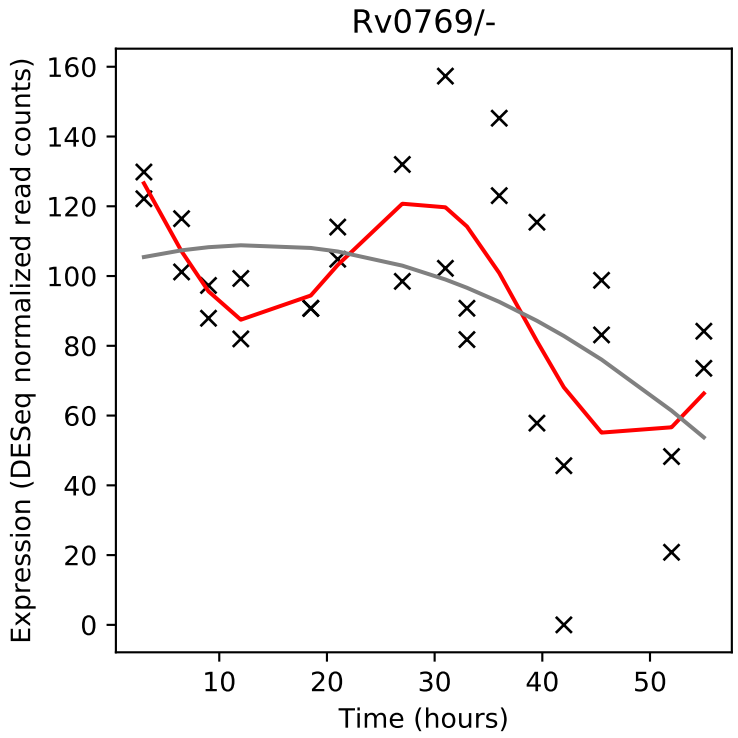

Rv0764c/cyp51
Expression (DESeq normalized read counts)
Time (hours)

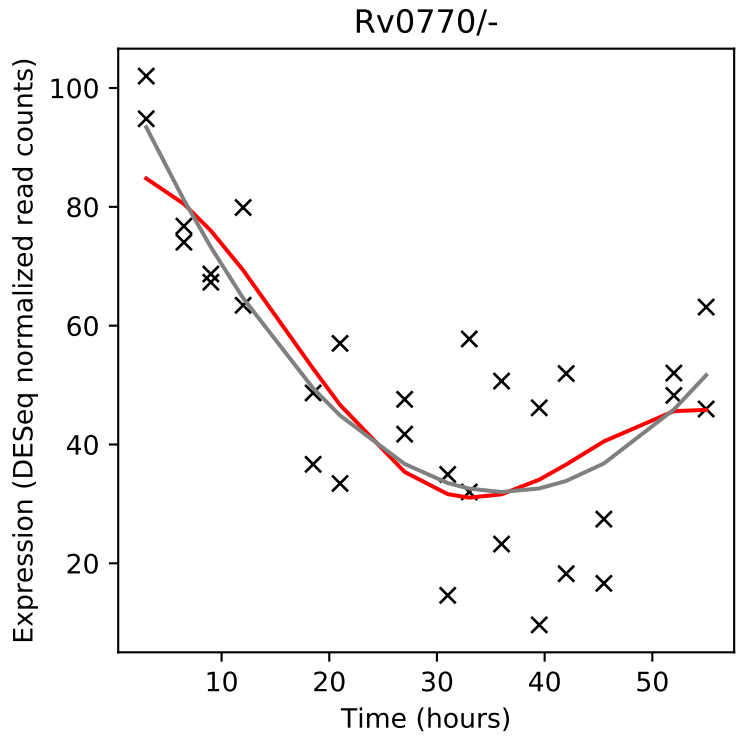

Rv0765c/-
Expression (DESeq normalized read counts)
Time (hours)

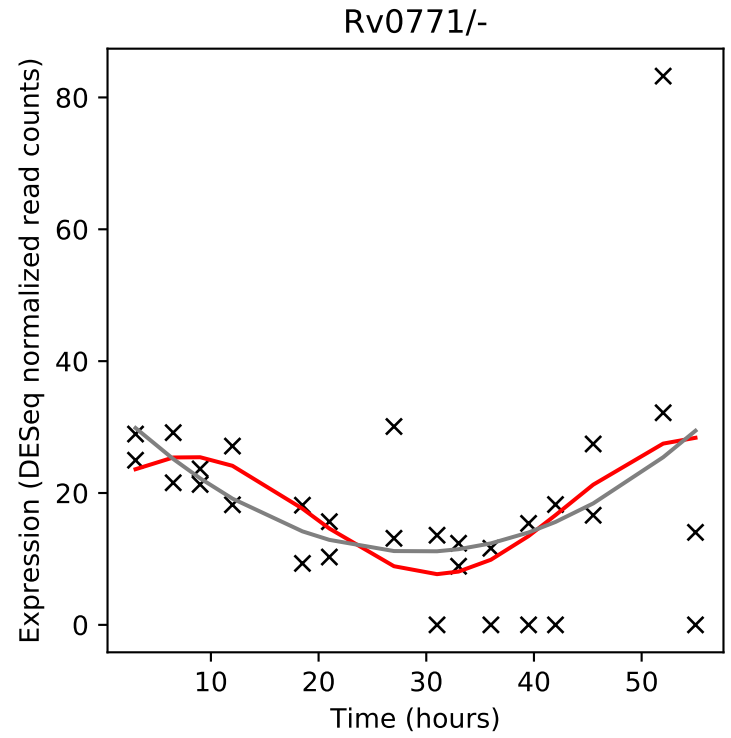

Rv0766c/cyp123
Expression (DESeq normalized read counts)
Time (hours)

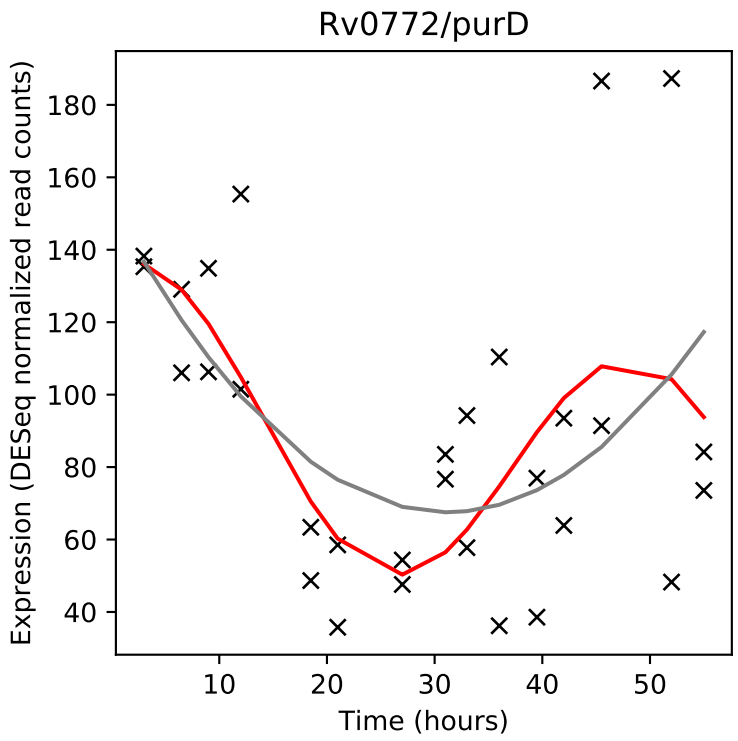

Rv0767c/-
Expression (DESeq normalized read counts)
Time (hours)

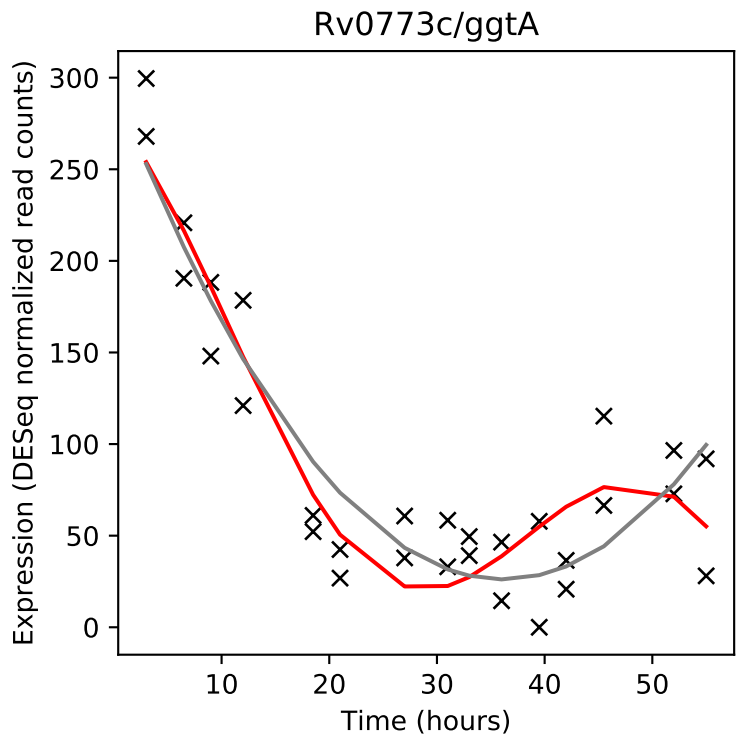

Rv0768/aldA
Expression (DESeq normalized read counts)
Time (hours)

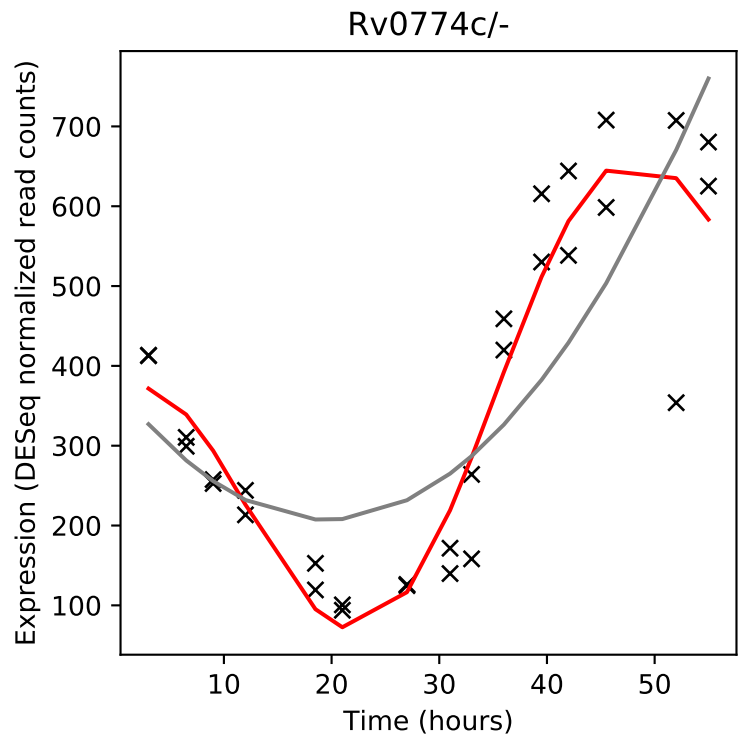

Rv0769/-
Expression (DESeq normalized read counts)
Time (hours)

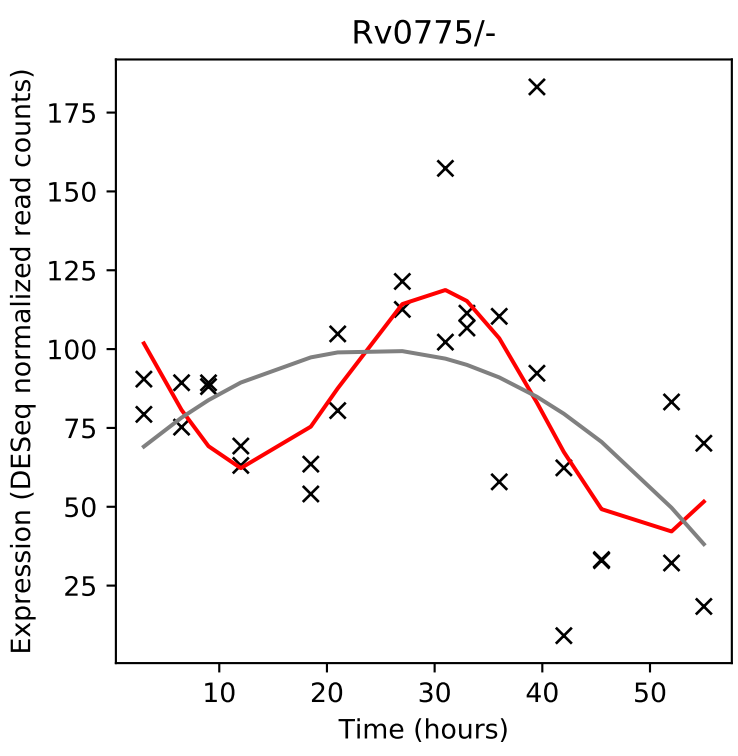

Rv0770/-
Expression (DESeq normalized read counts)
Time (hours)

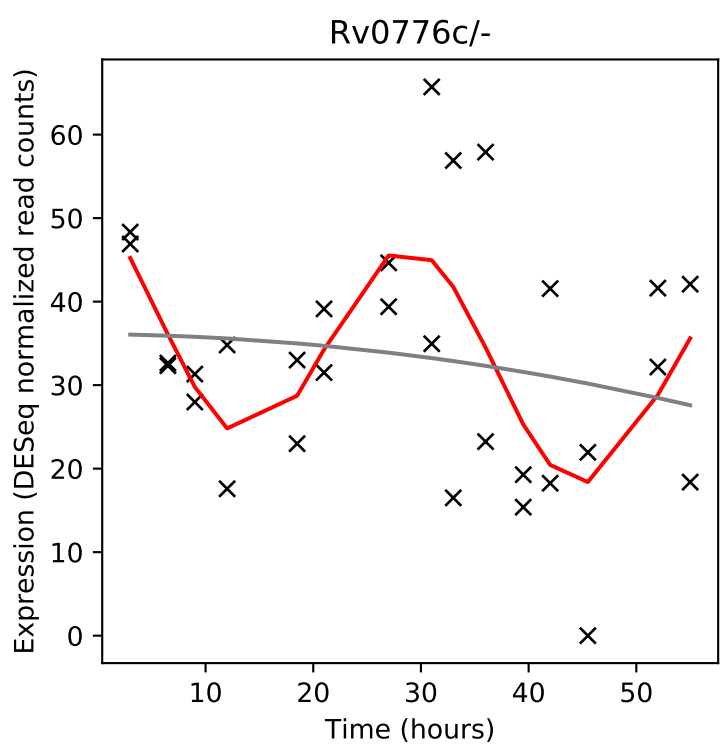

Rv0771/-
Expression (DESeq normalized read counts)
Time (hours)

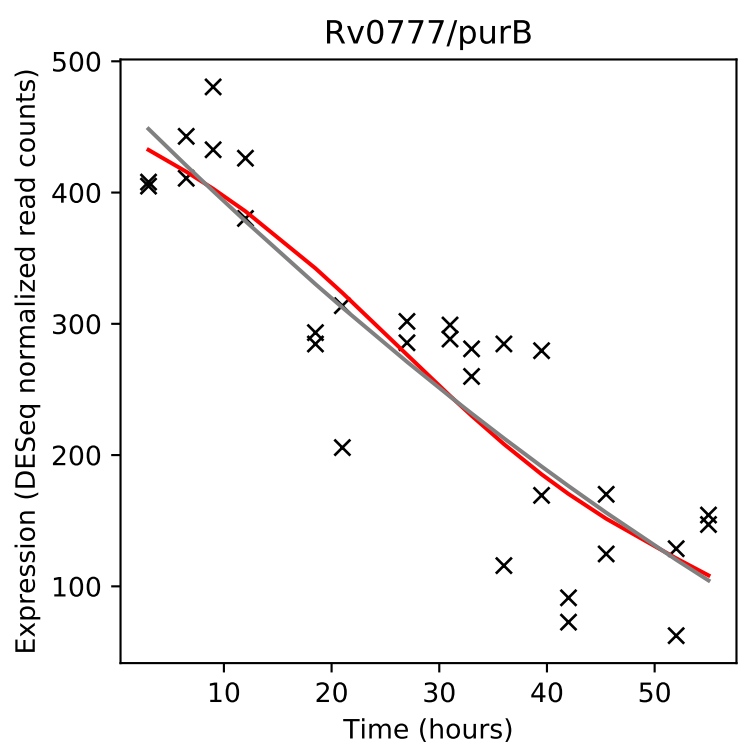

Rv0772/purD
Expression (DESeq normalized read counts)
Time (hours)

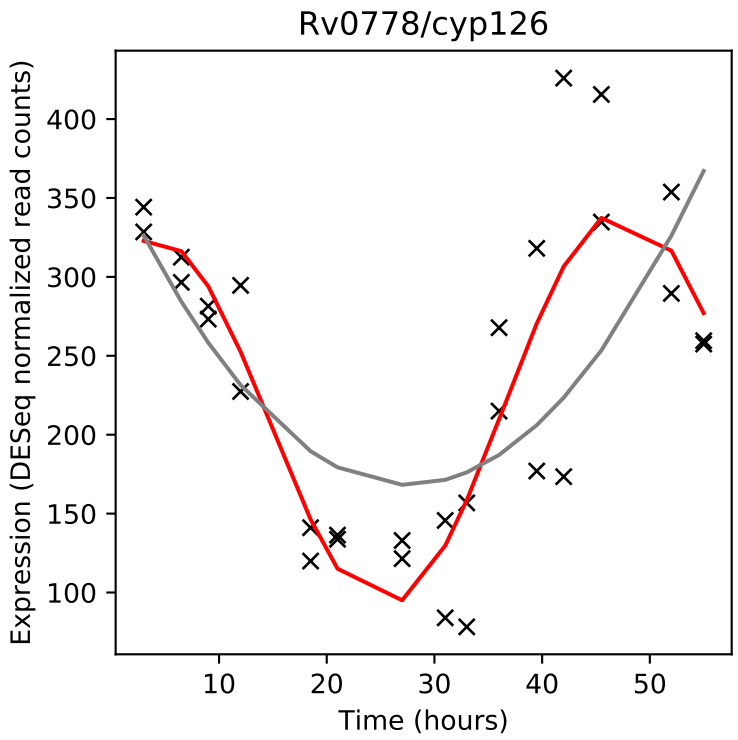

Rv0773c/ggtA
Expression (DESeq normalized read counts)
Time (hours)

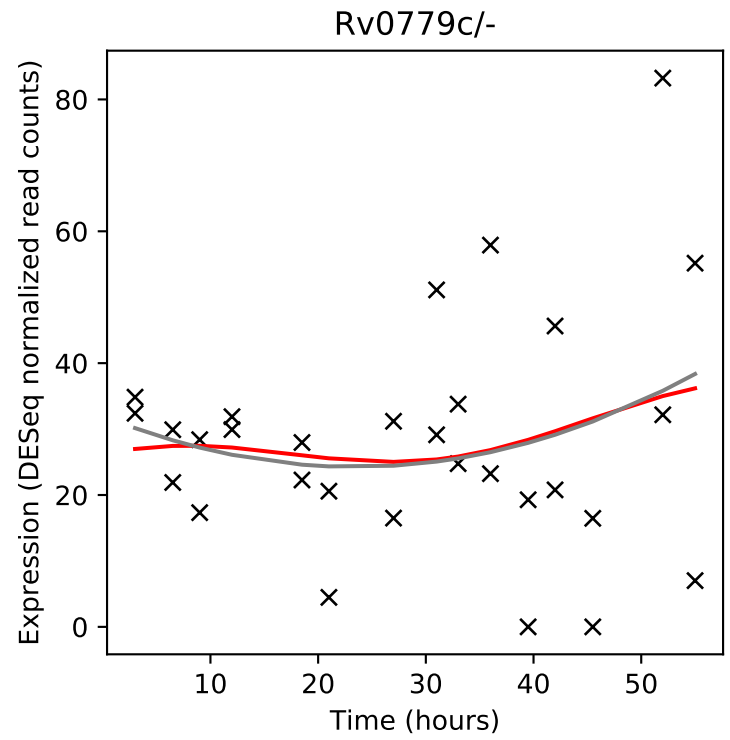

Rv0774c/-
Expression (DESeq normalized read counts)
Time (hours)

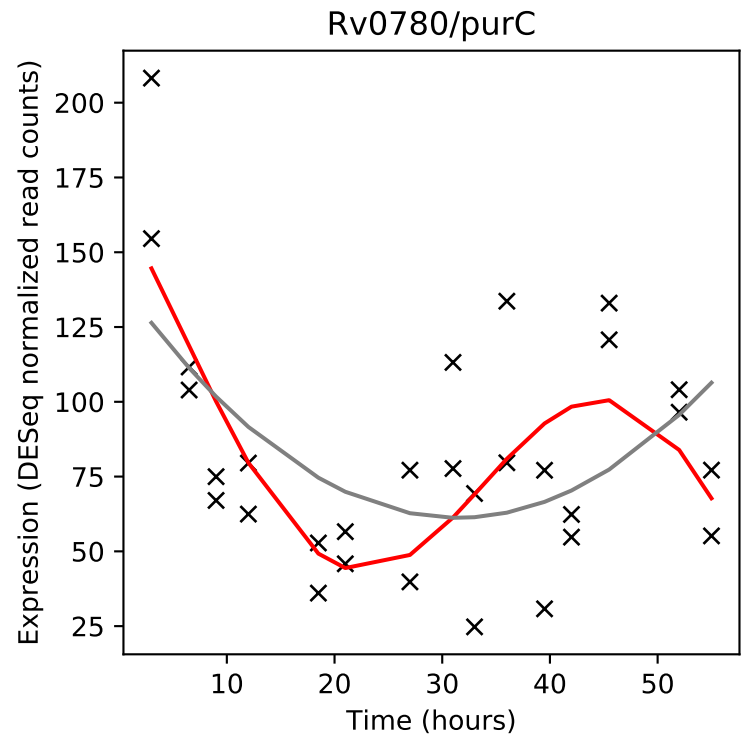

Rv0775/-
Expression (DESeq normalized read counts)
Time (hours)

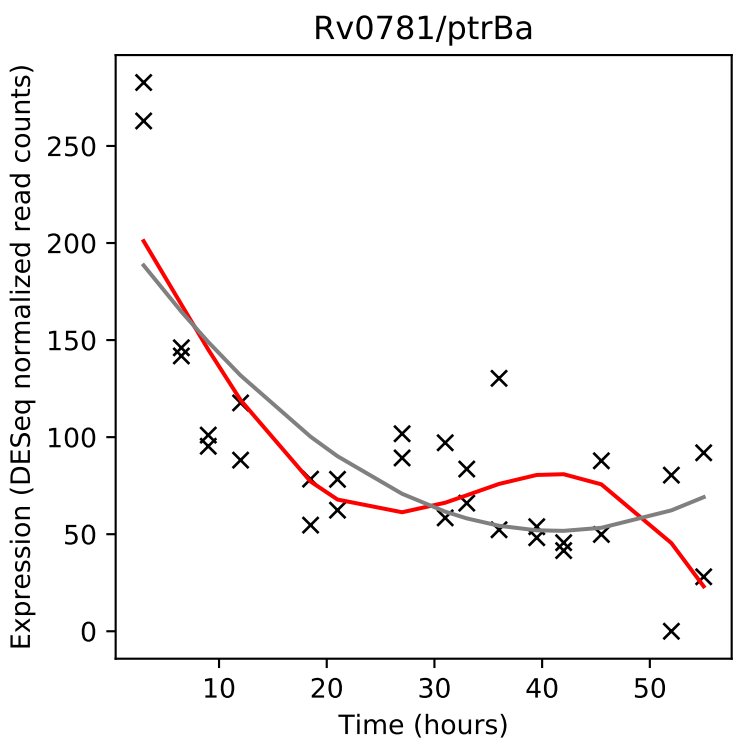

Rv0776c/-
Expression (DESeq normalized read counts)
Time (hours)

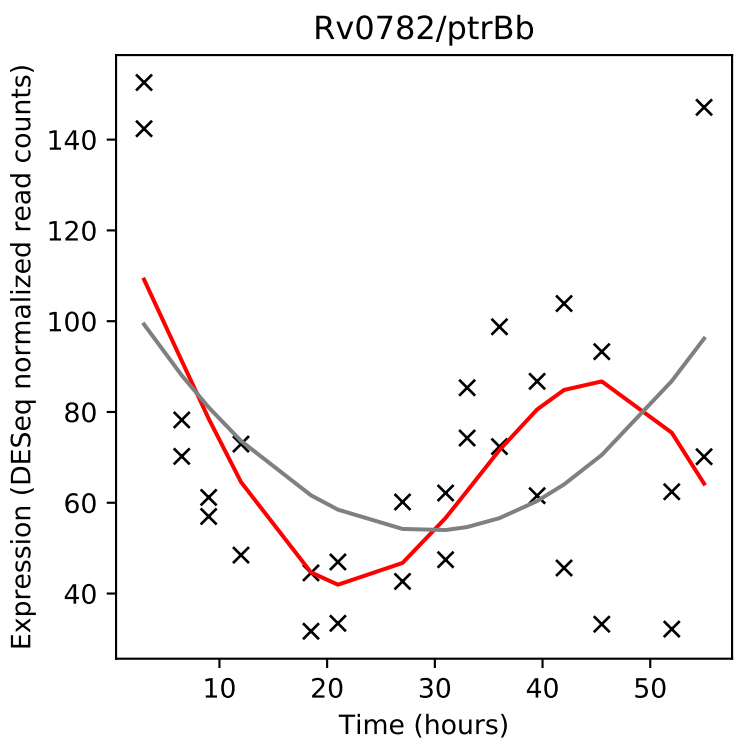

Rv0777/purB
Expression (DESeq normalized read counts)
Time (hours)

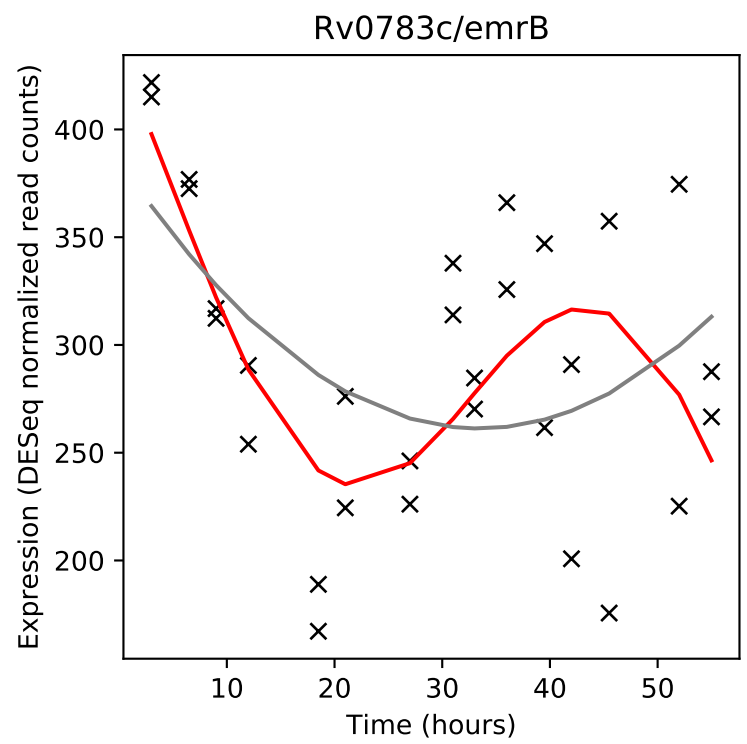

Rv0778/cyp126
Expression (DESeq normalized read counts)
Time (hours)

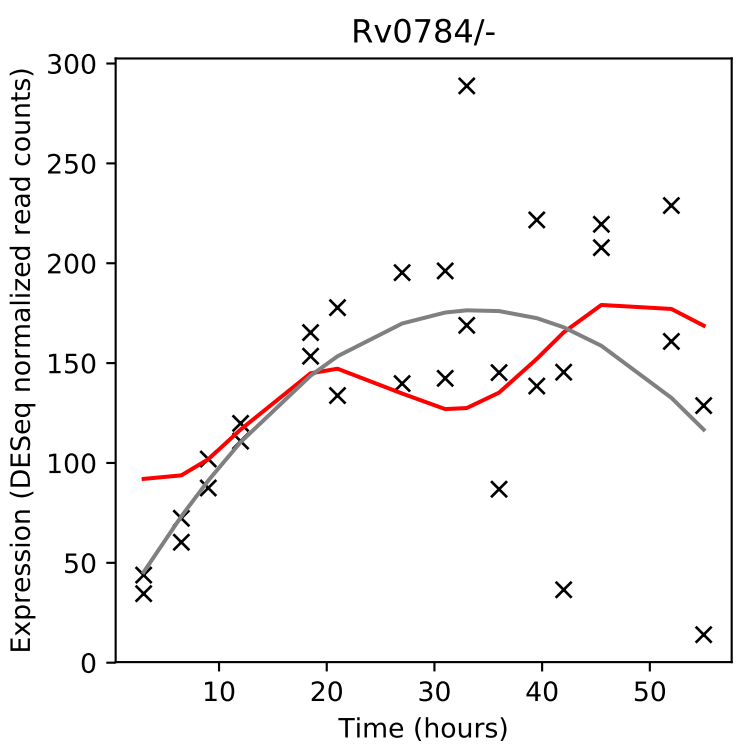

Rv0779c/-
Expression (DESeq normalized read counts)
Time (hours)

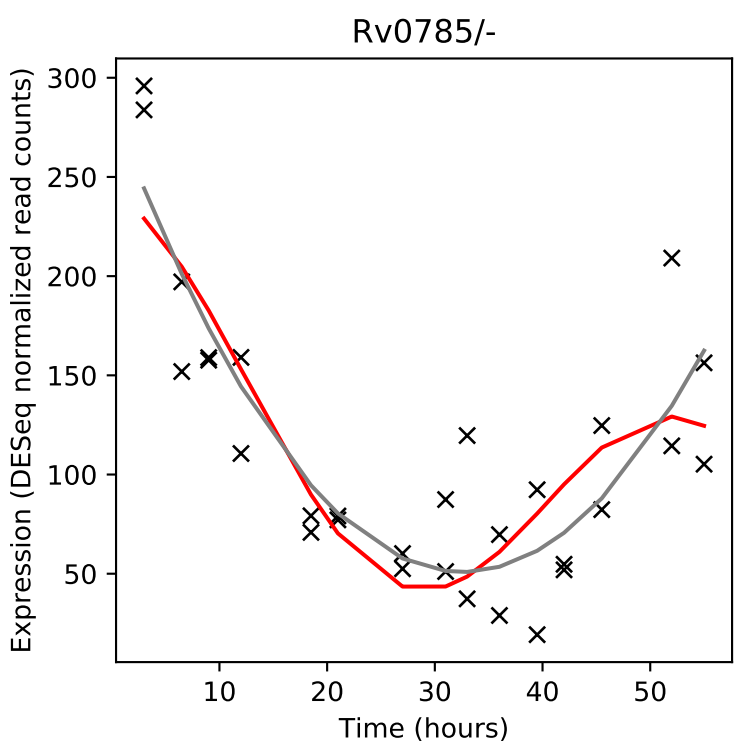

Rv0780/purC
Expression (DESeq normalized read counts)
Time (hours)

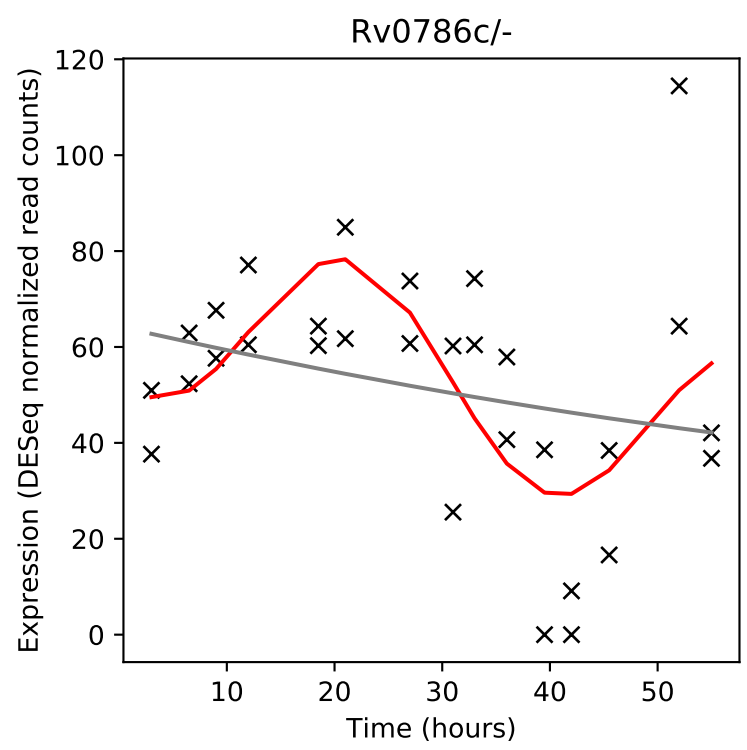

Rv0781/ptrBa
Expression (DESeq normalized read counts)
Time (hours)

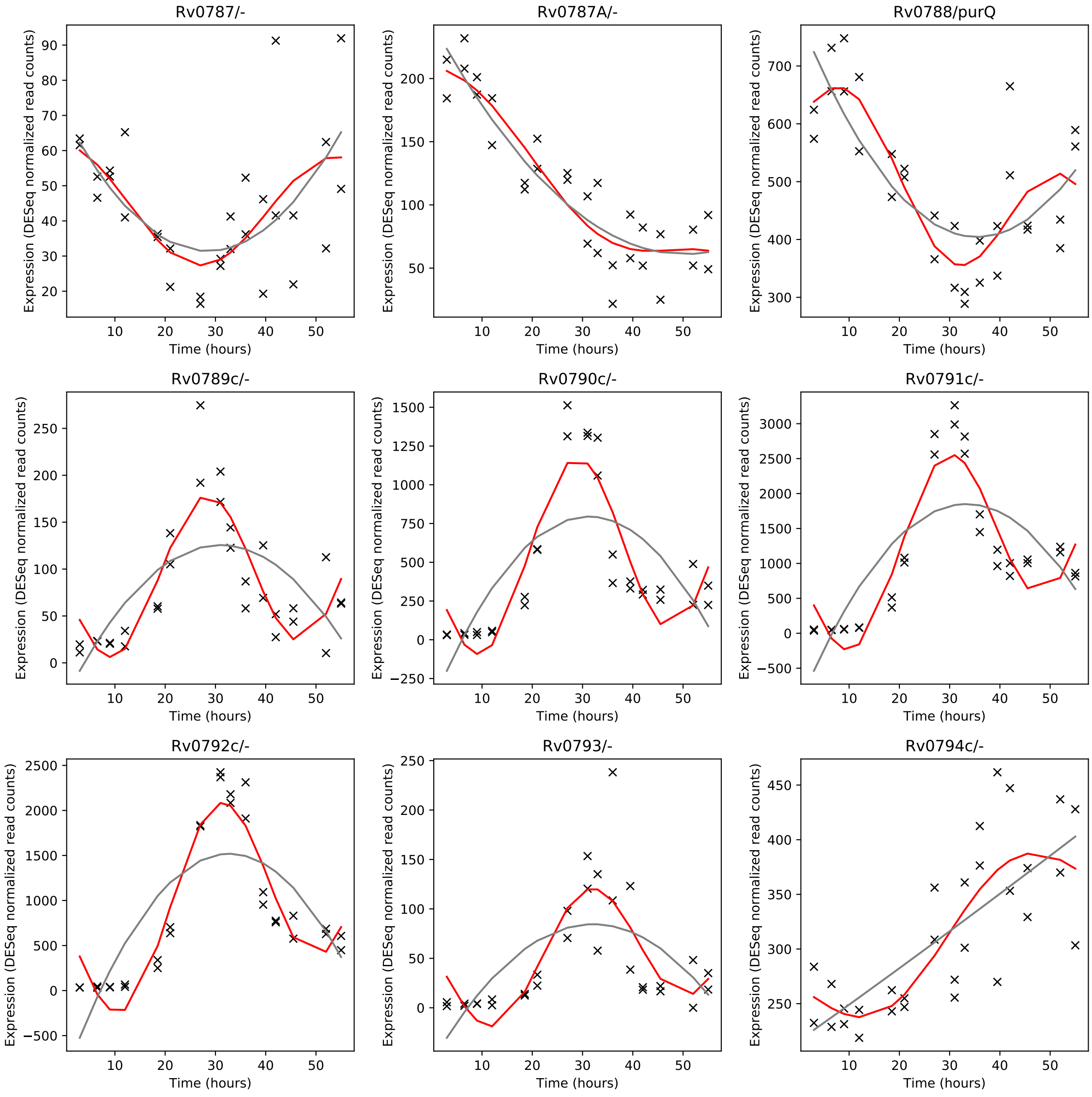

Rv0782/ptrBb
Expression (DESeq normalized read counts)
Time (hours)

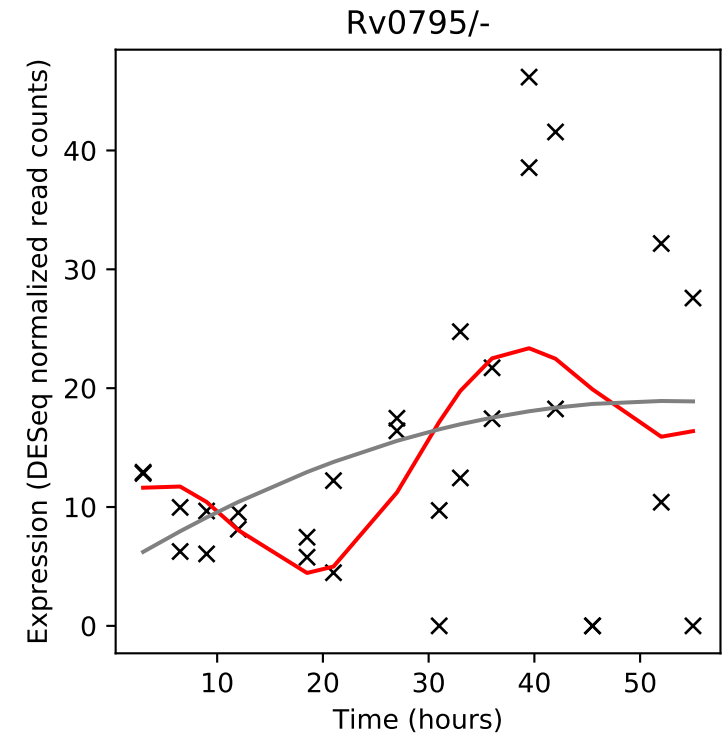

Rv0783c/emrB
Expression (DESeq normalized read counts)
Time (hours)

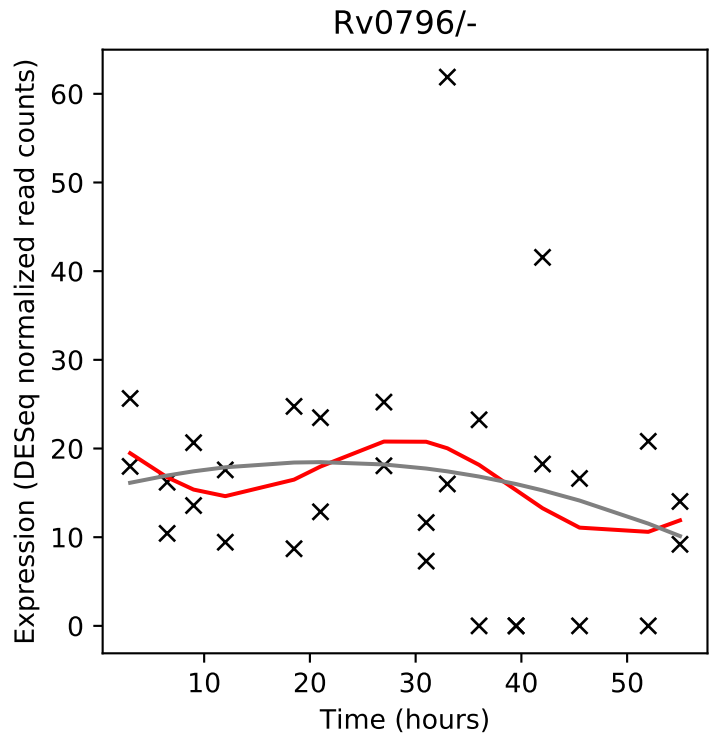

Rv0784/-
Expression (DESeq normalized read counts)
Time (hours)

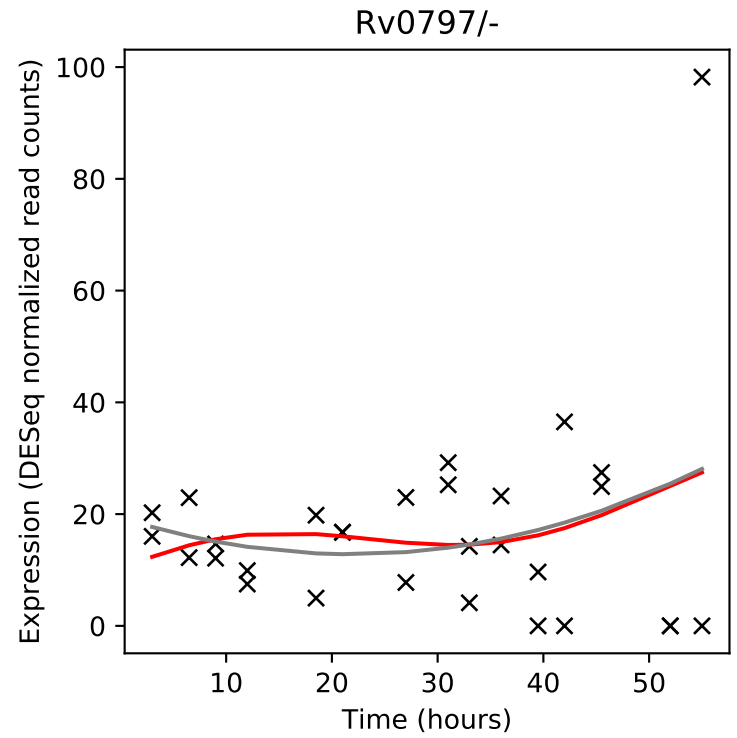

Rv0785/-
Expression (DESeq normalized read counts)
Time (hours)

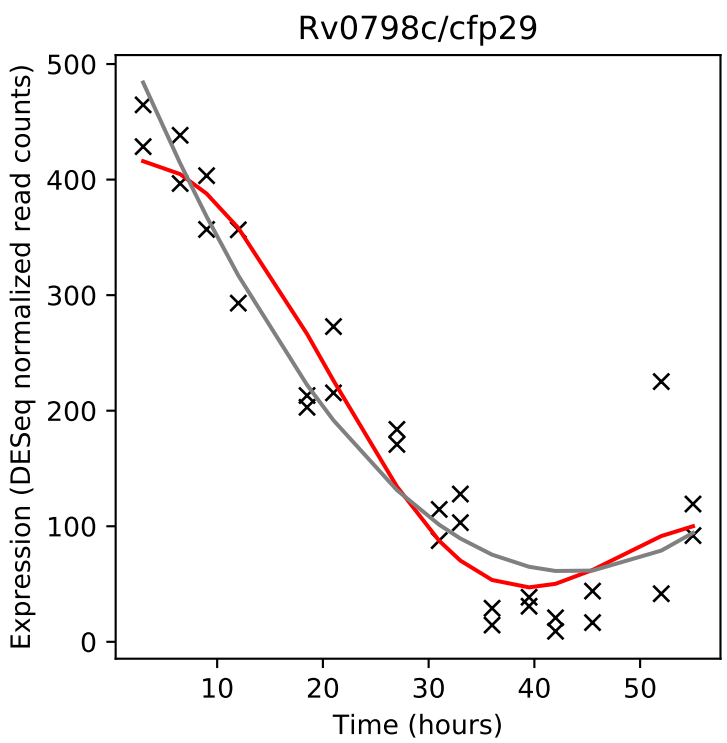

Rv0786c/-
Expression (DESeq normalized read counts)
Time (hours)

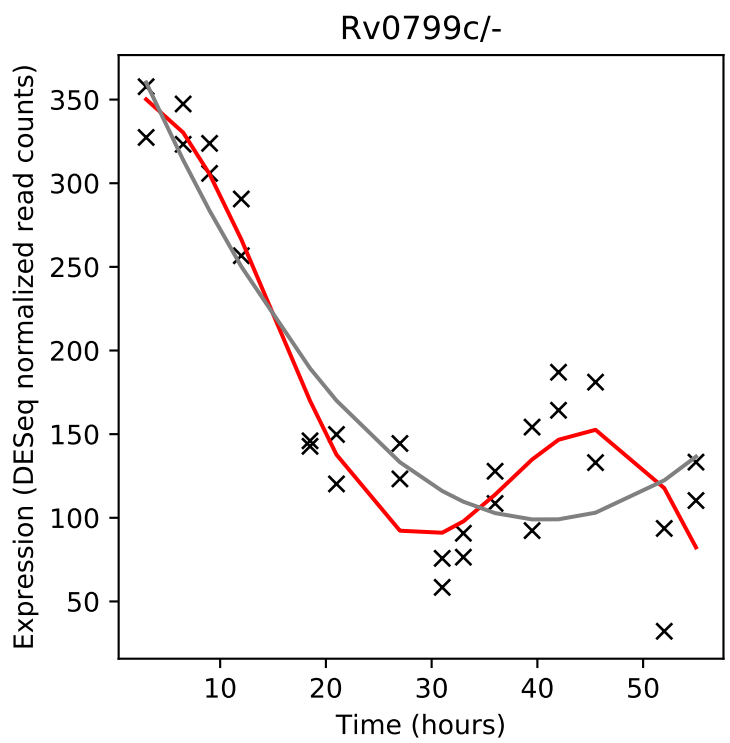

Rv0787/-
Rv0787A/-
Rv0788/purQ
Rv0789c/-
Rv0790c/-
Rv0791c/-
Rv0792c/-
Rv0793/-
Rv0794c/-
Expression (DESeq normalized read counts)
Time (hours)

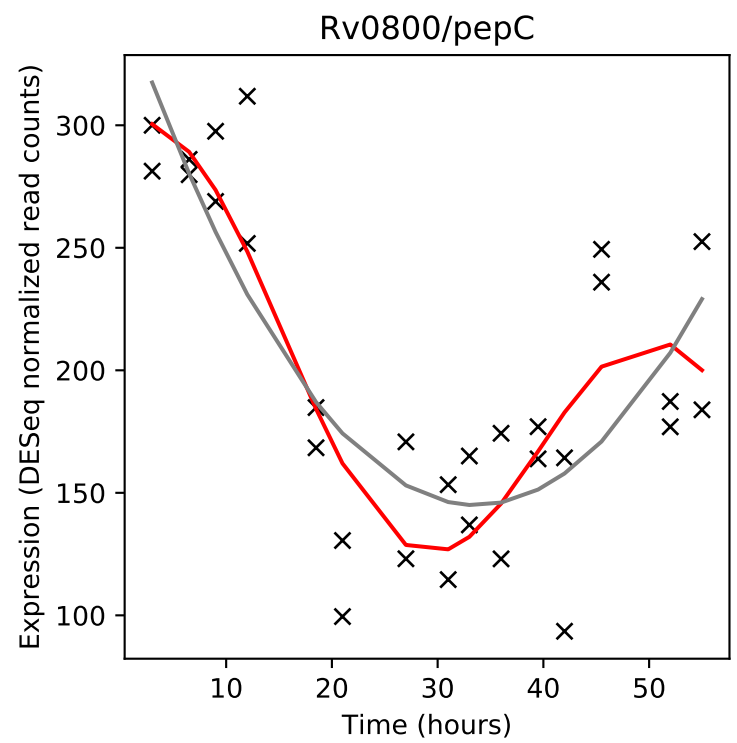

Rv0795/-
Expression (DESeq normalized read counts)
Time (hours)

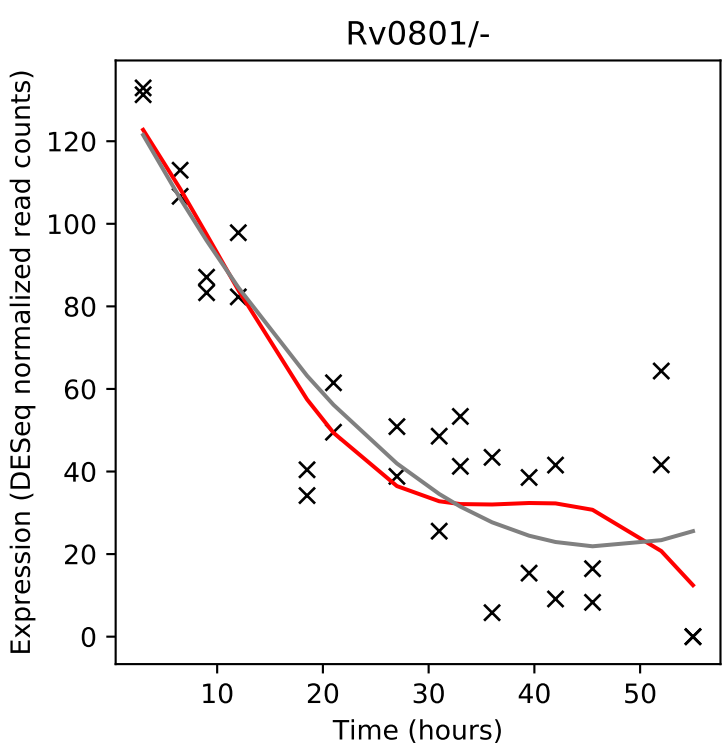

Rv0796/-
Expression (DESeq normalized read counts)
Time (hours)

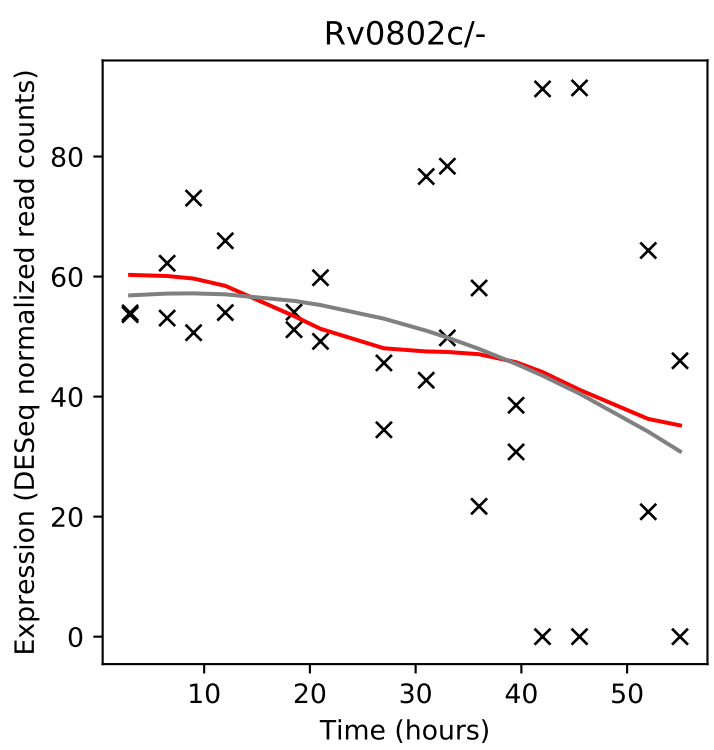

Rv0797/-
Expression (DESeq normalized read counts)
Time (hours)

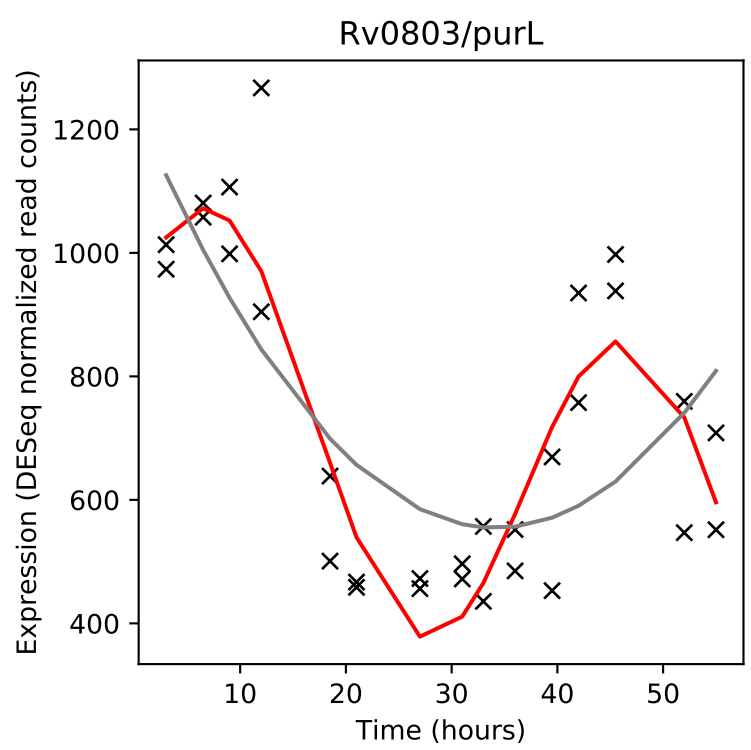

Rv0798c/cfp29
Expression (DESeq normalized read counts)
Time (hours)

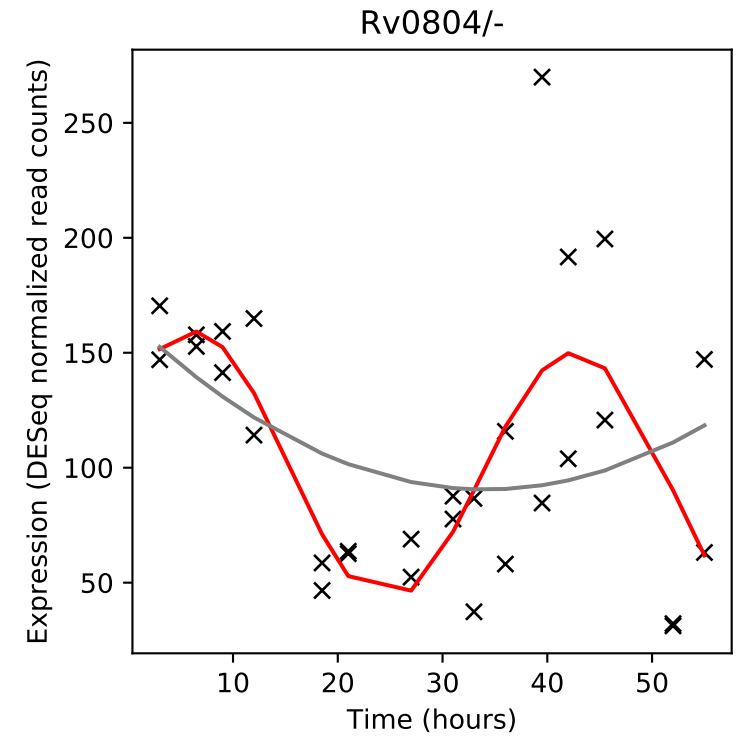

Rv0799c/-
Expression (DESeq normalized read counts)
Time (hours)

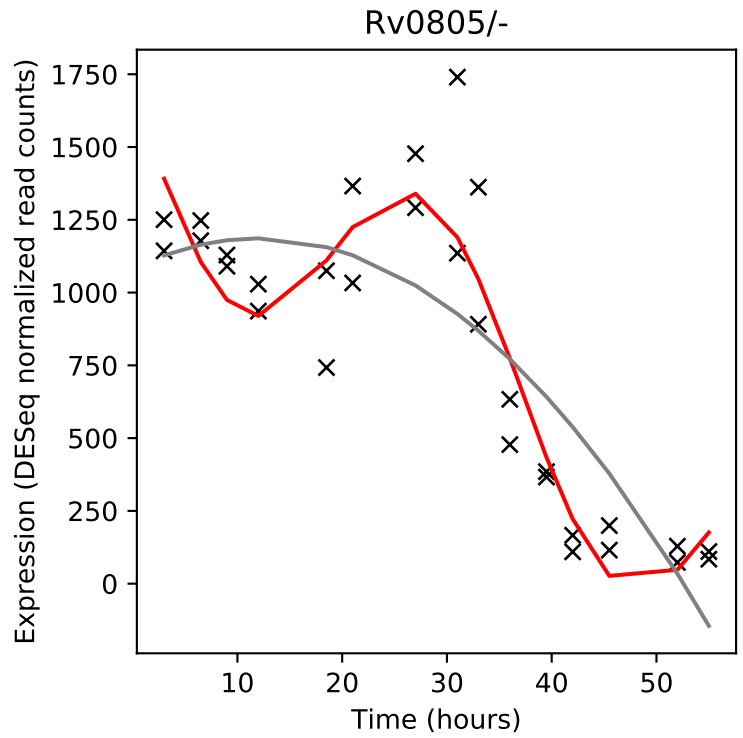

Rv0800/pepC
Expression (DESeq normalized read counts)
Time (hours)

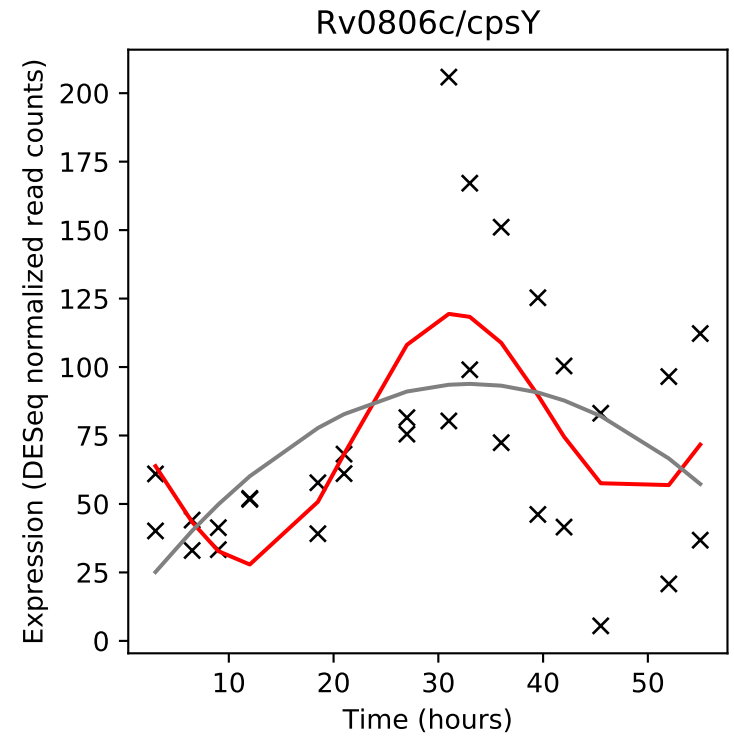

Rv0801/-
Expression (DESeq normalized read counts)
Time (hours)

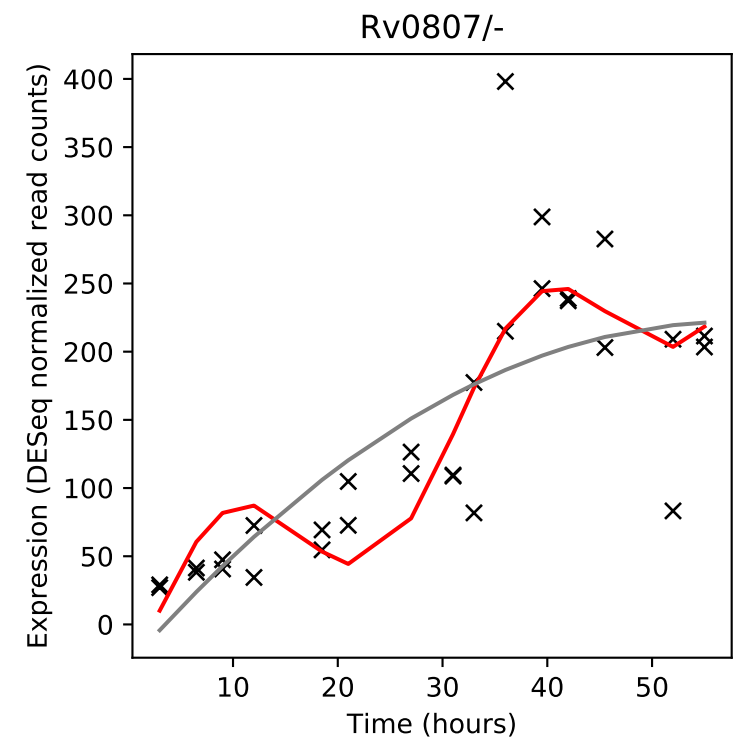

Rv0802c/-
Expression (DESeq normalized read counts)
Time (hours)

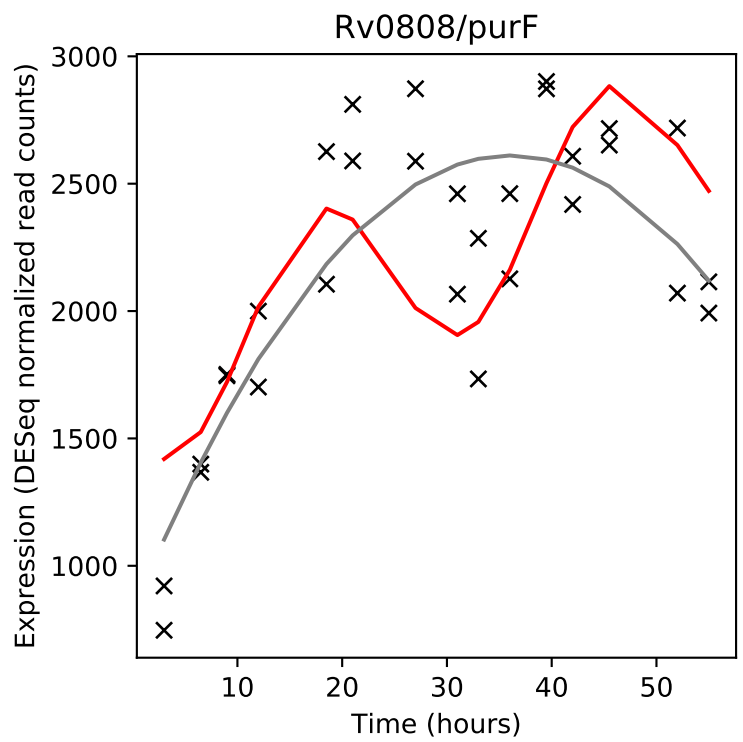

Rv0803/purL
Expression (DESeq normalized read counts)
Time (hours)

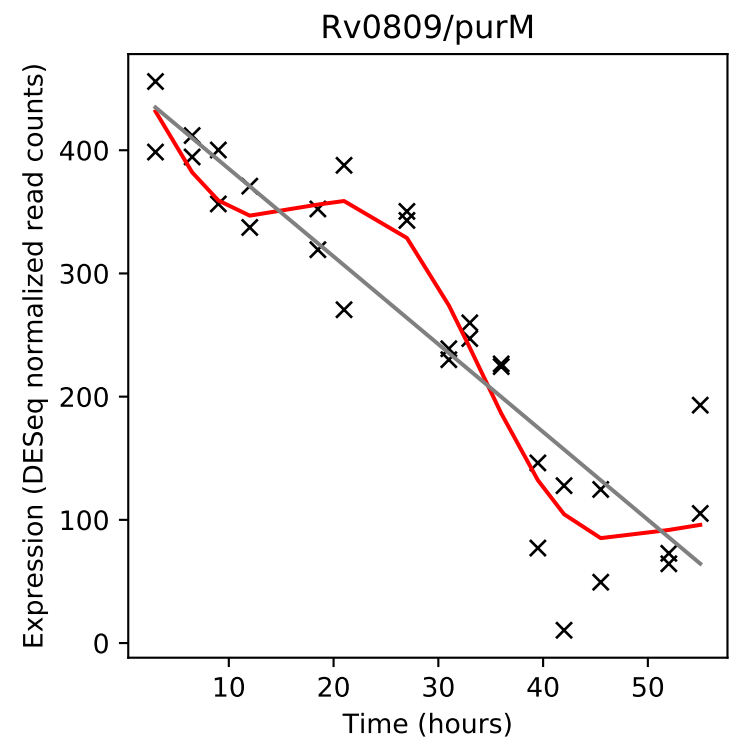

Rv0804/-
Expression (DESeq normalized read counts)
Time (hours)

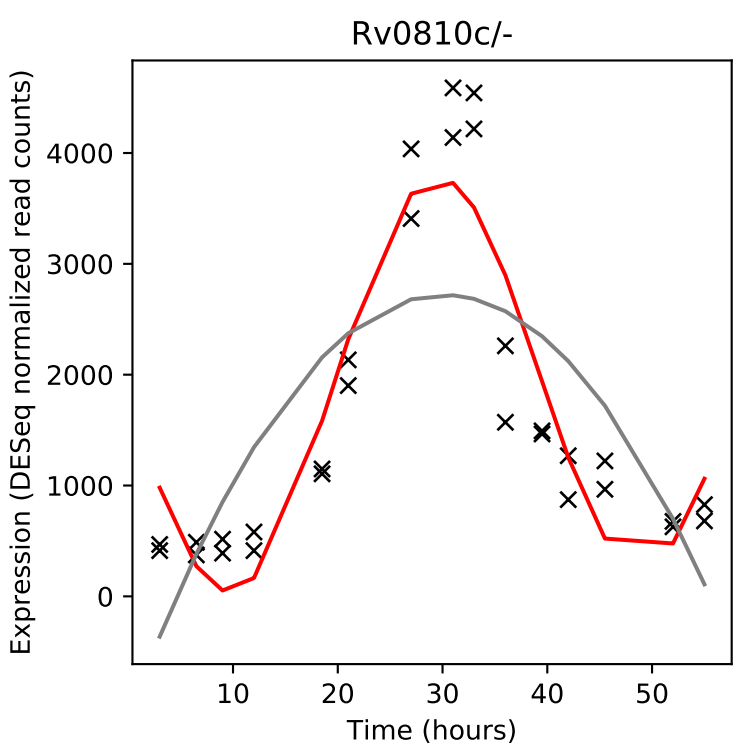

Rv0805/-
Expression (DESeq normalized read counts)
Time (hours)

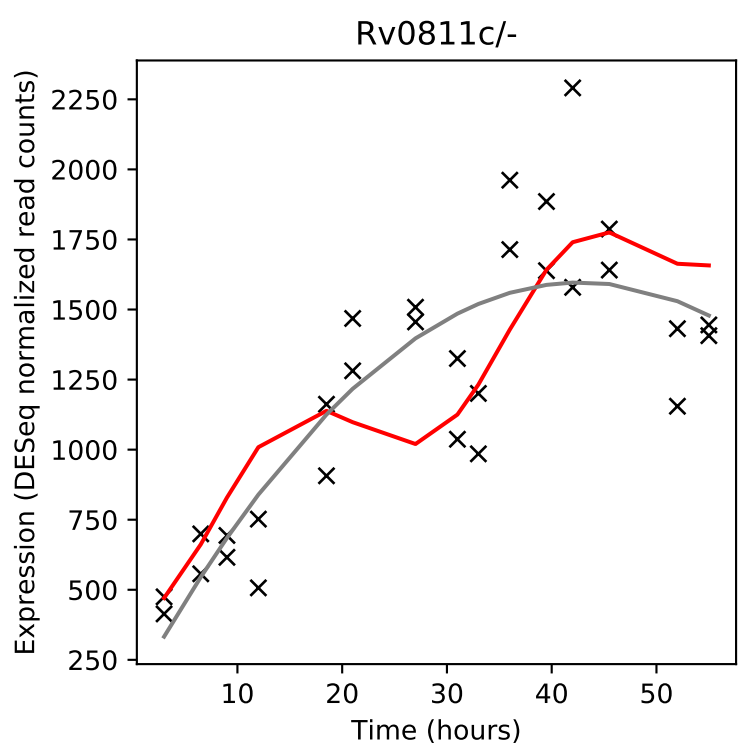

Rv0806c/cpsY
Expression (DESeq normalized read counts)
Time (hours)

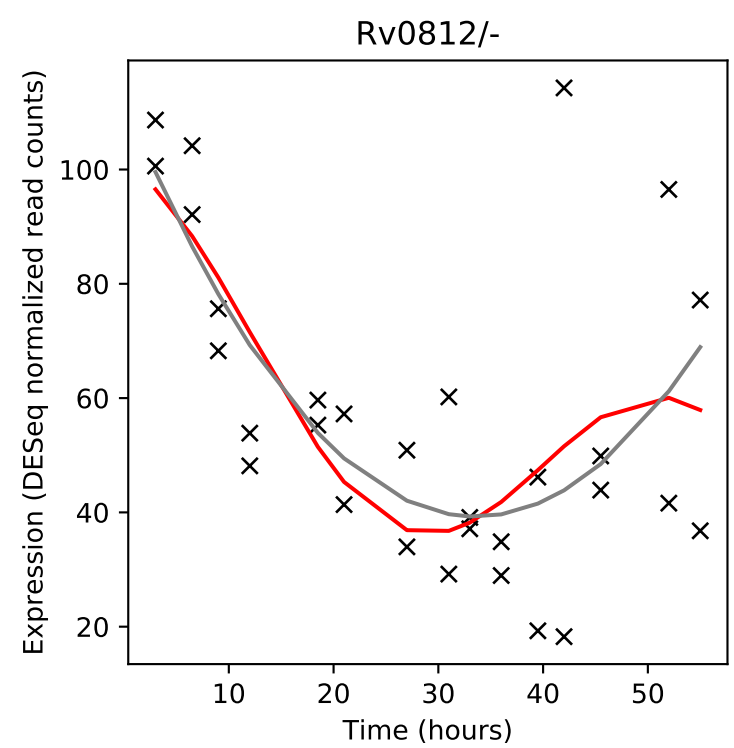

Rv0807/-
Expression (DESeq normalized read counts)
Time (hours)

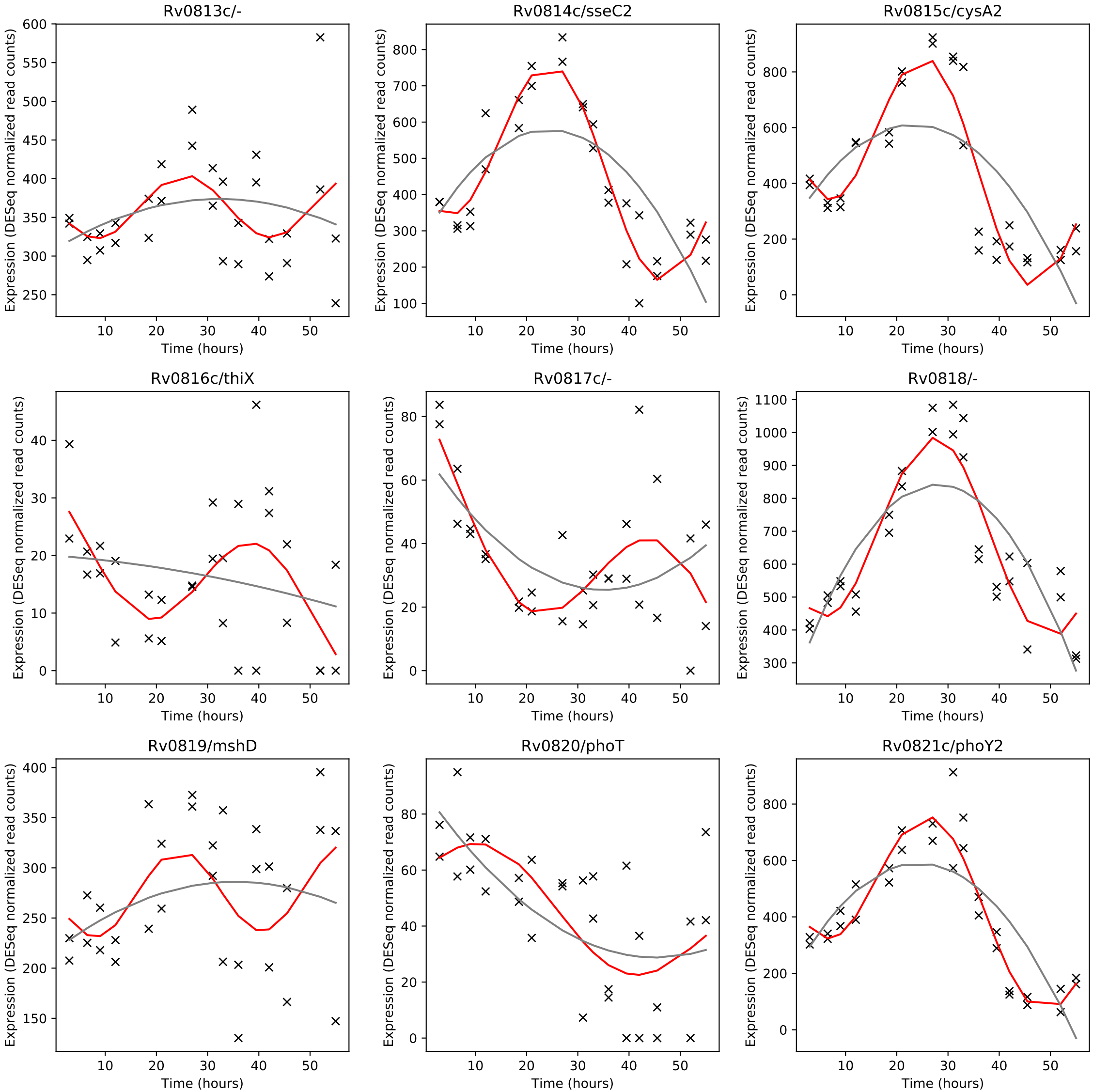

Rv0808/purF
Expression (DESeq normalized read counts)
Time (hours)

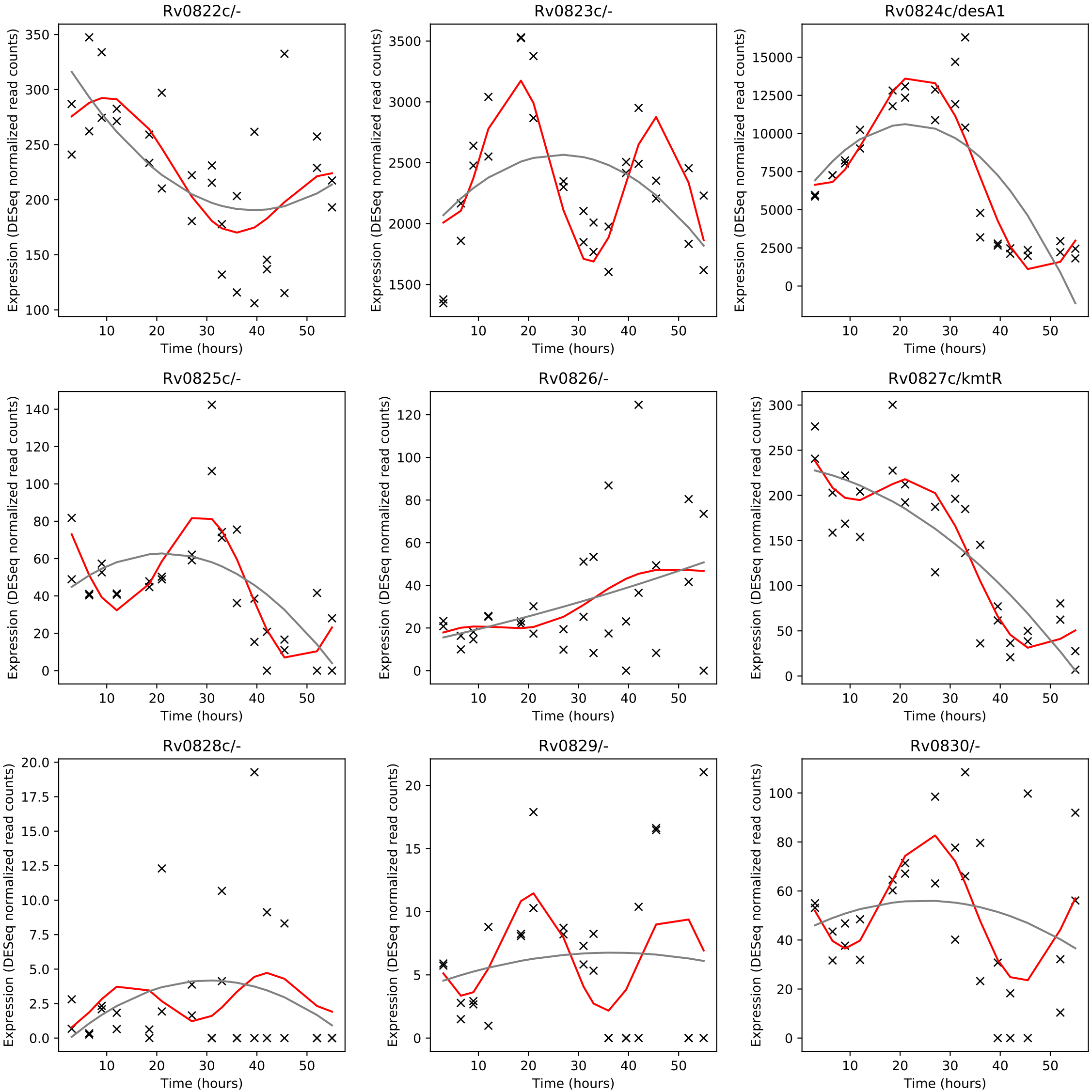

Rv0809/purM
Expression (DESeq normalized read counts)
Time (hours)

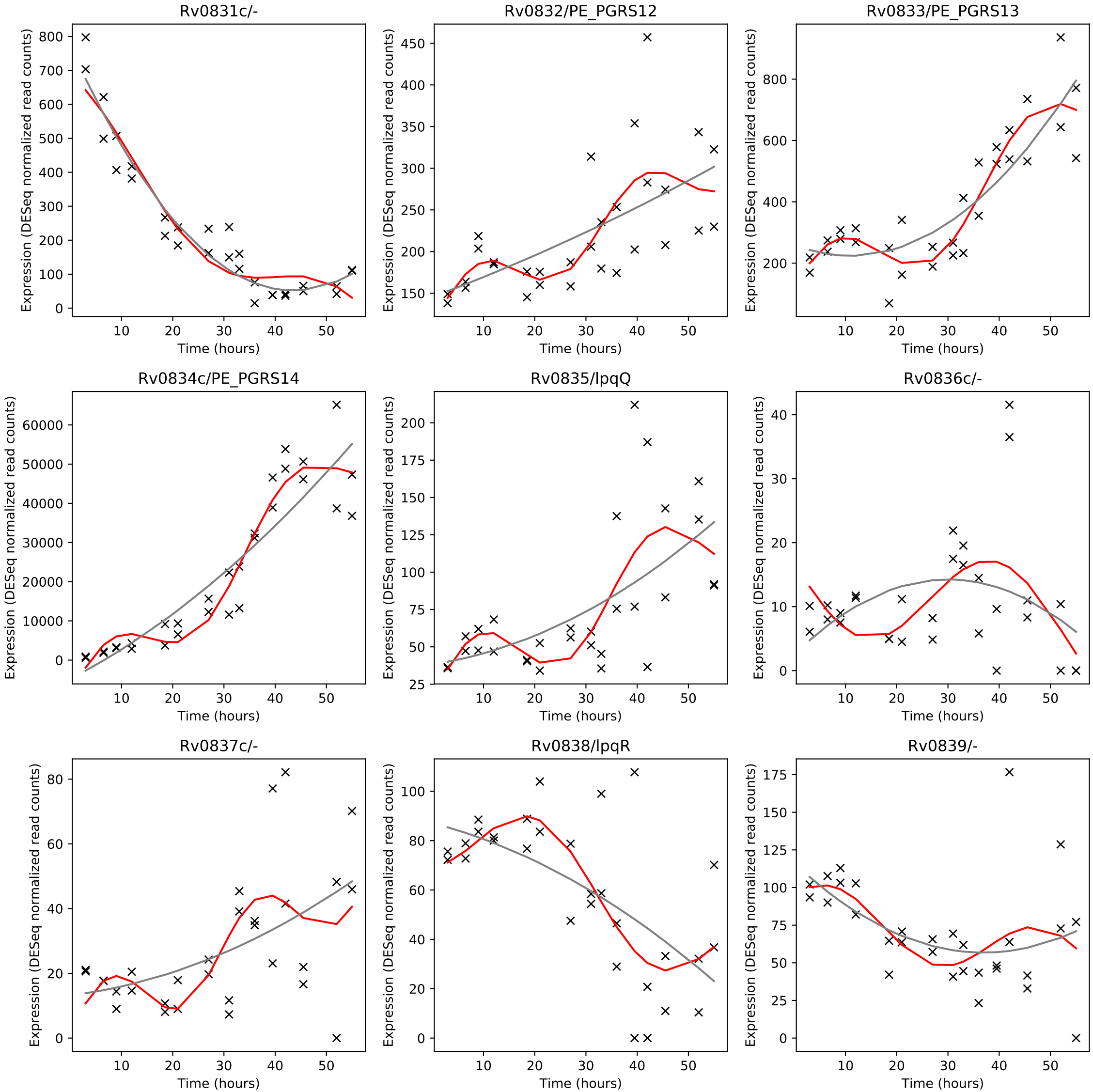

Rv0810c/-
Expression (DESeq normalized read counts)
Time (hours)

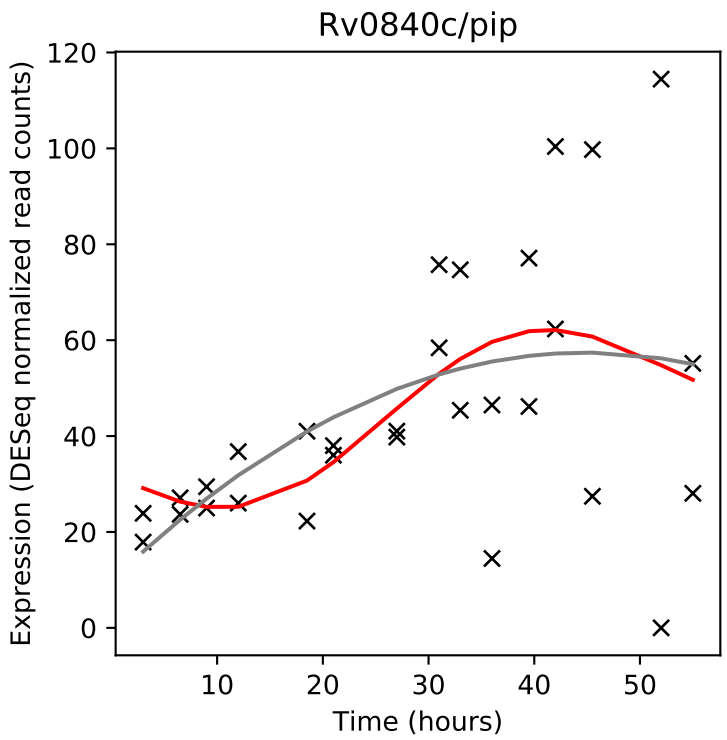

Rv0811c/-
Expression (DESeq normalized read counts)
Time (hours)

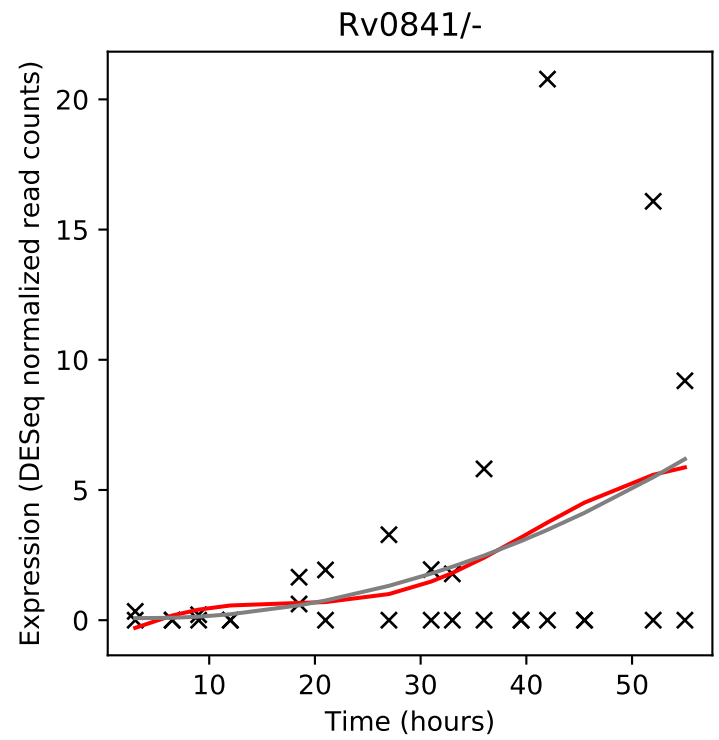

Rv0812/-
Expression (DESeq normalized read counts)
Time (hours)

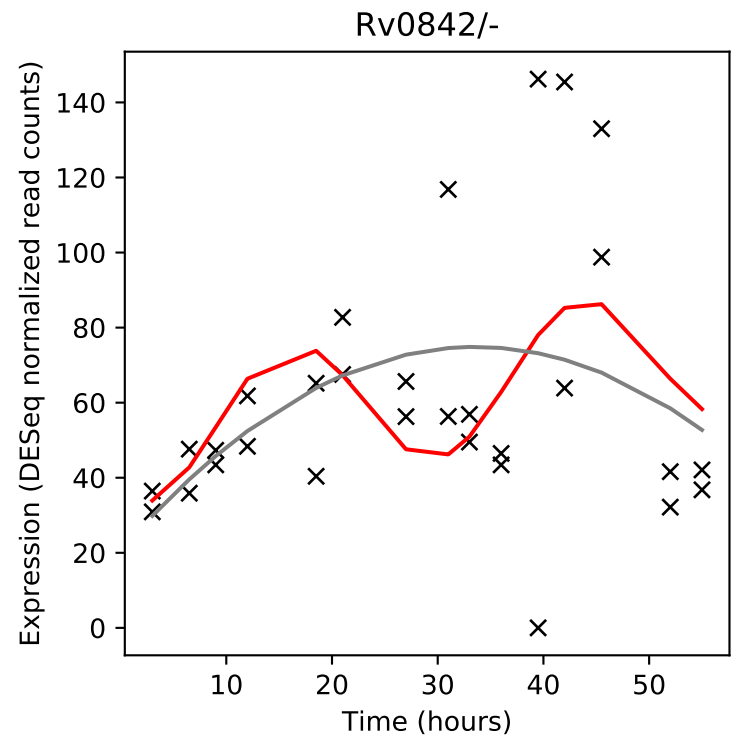

Rv0813c/-
Rv0814c/sseC2
Rv0815c/cysA2
Rv0816c/thiX
Rv0817c/-
Rv0818/-
Rv0819/mshD
Rv0820/phoT
Rv0821c/phoY2
Expression (DESeq normalized read counts)
Time (hours)

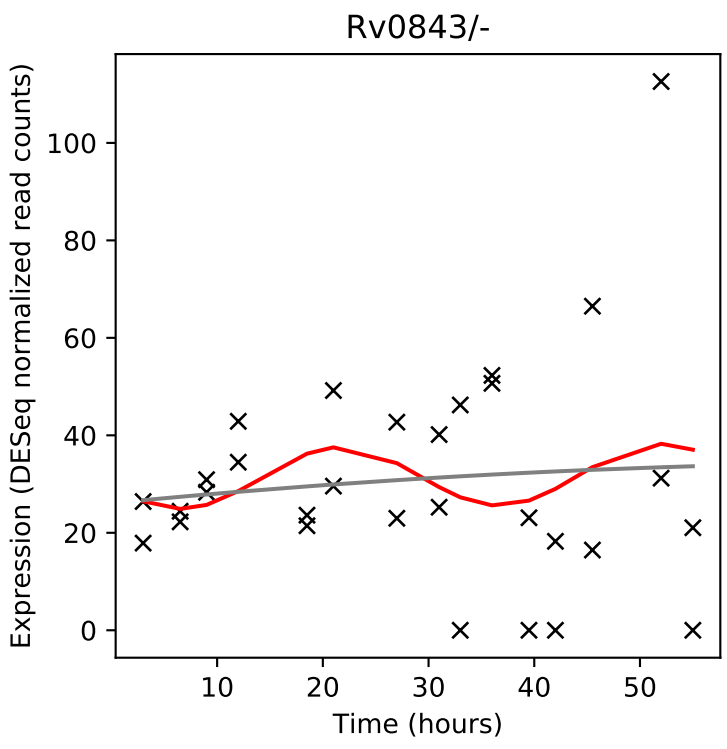

Rv0822c/-
Rv0823c/-
Rv0824c/desA1
Rv0825c/-
Rv0826/-
Rv0827c/kmtR
Rv0828c/-
Rv0829/-
Rv0830/-
Expression (DESeq normalized read counts)
Time (hours)

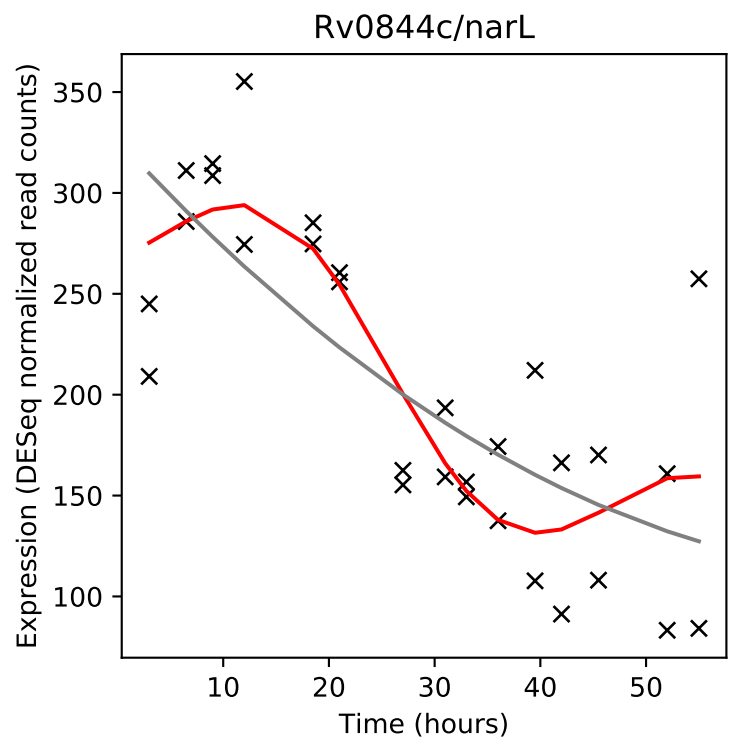

Rv0831c/-
Rv0832/PE_PGRS12
Rv0833/PE_PGRS13
Rv0834c/PE_PGRS14
Rv0835/lpqQ
Rv0836c/-
Rv0837c/-
Rv0838/lpqR
Rv0839/-
Expression (DESeq normalized read counts)
Time (hours)

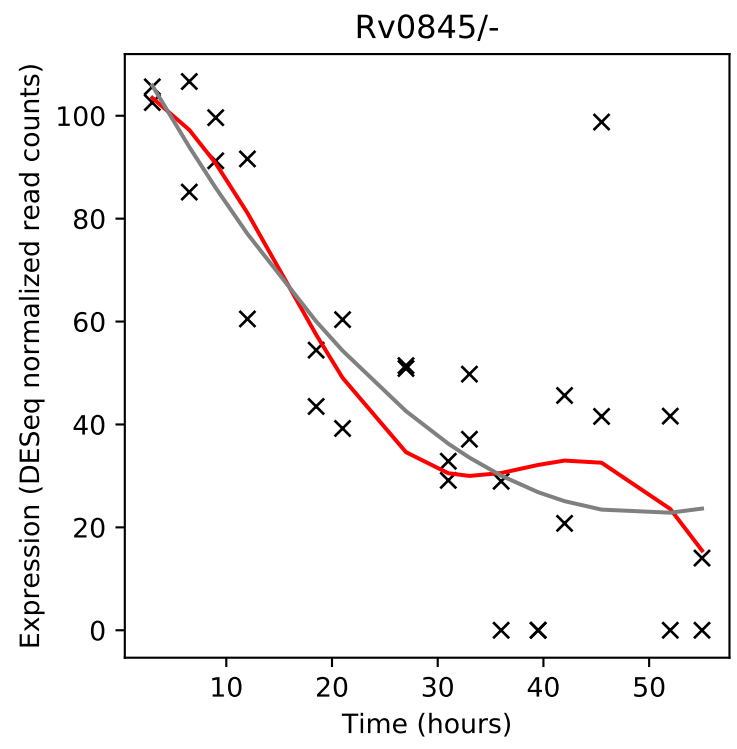

Rv0840c/pip
Expression (DESeq normalized read counts)
Time (hours)

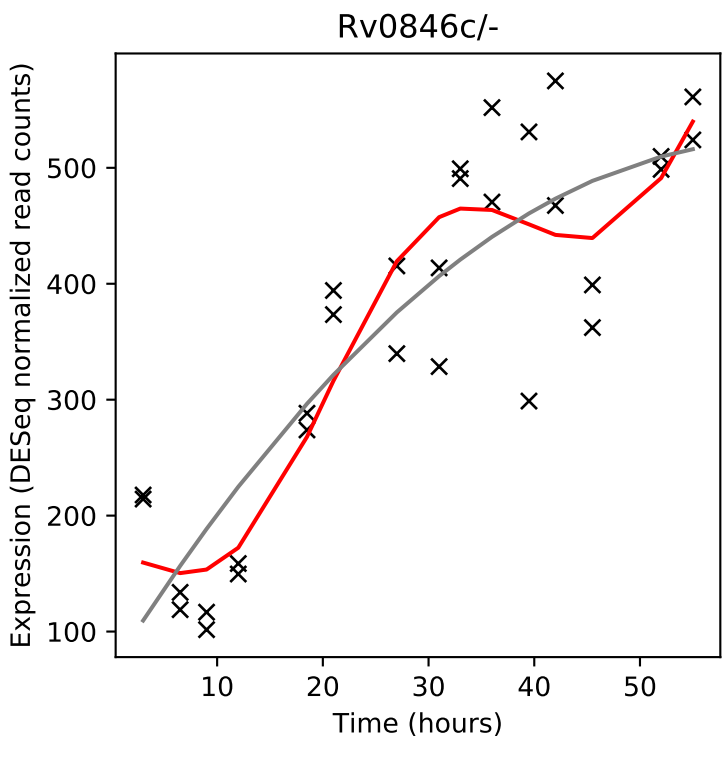

Rv0841/-
Expression (DESeq normalized read counts)
Time (hours)

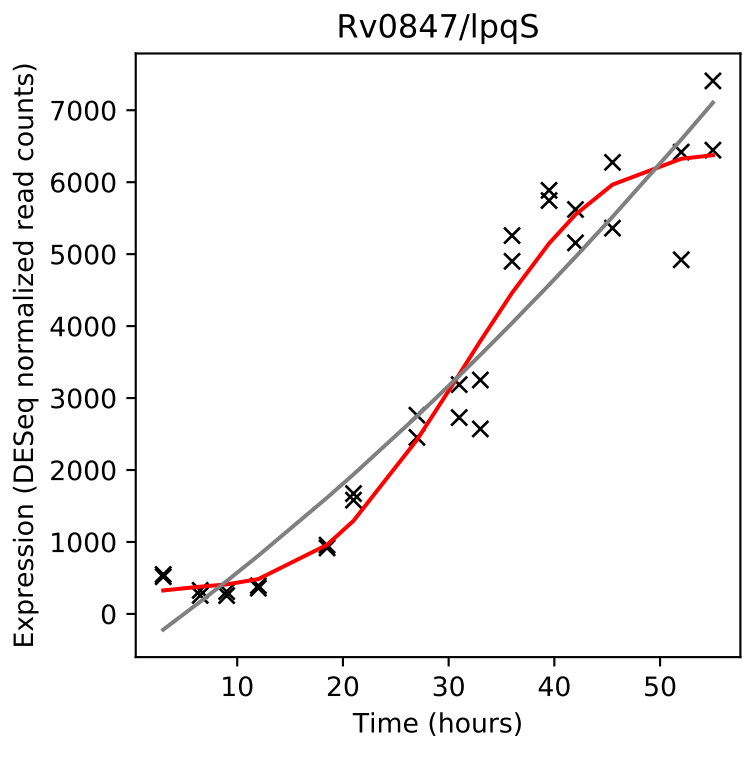

Rv0842/-
Expression (DESeq normalized read counts)
Time (hours)

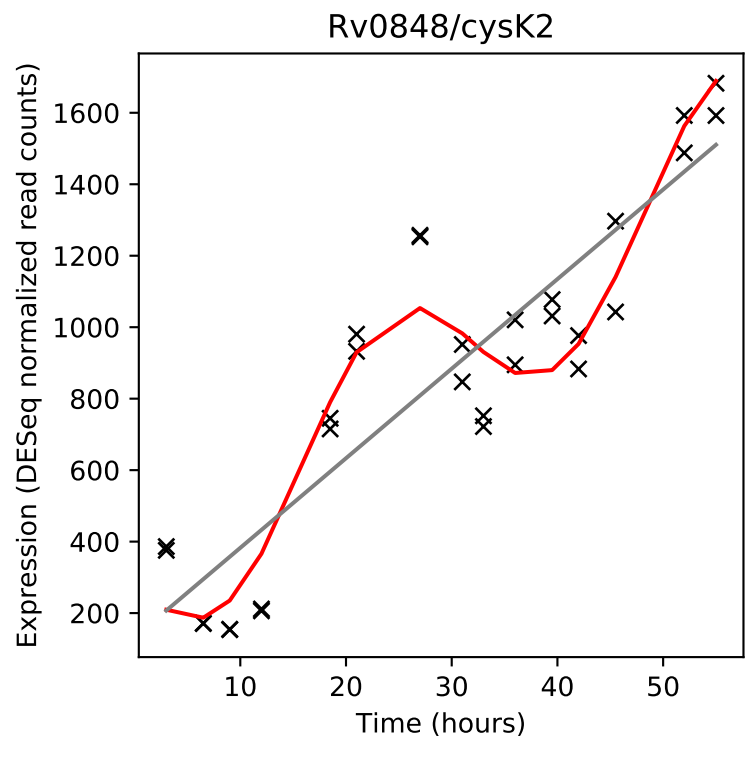

Rv0843/-
Expression (DESeq normalized read counts)
Time (hours)

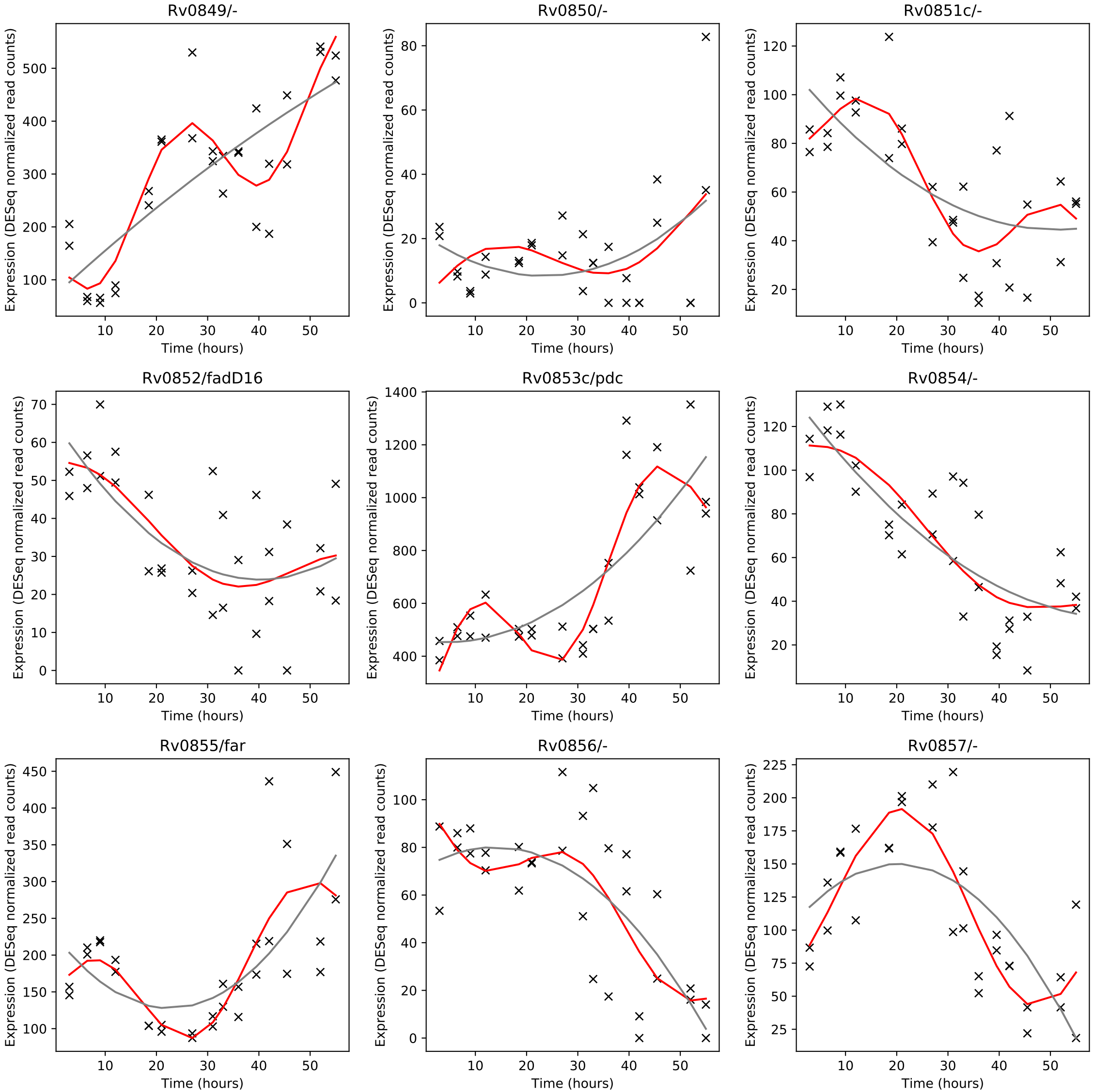

Rv0844c/narL
Expression (DESeq normalized read counts)
Time (hours)

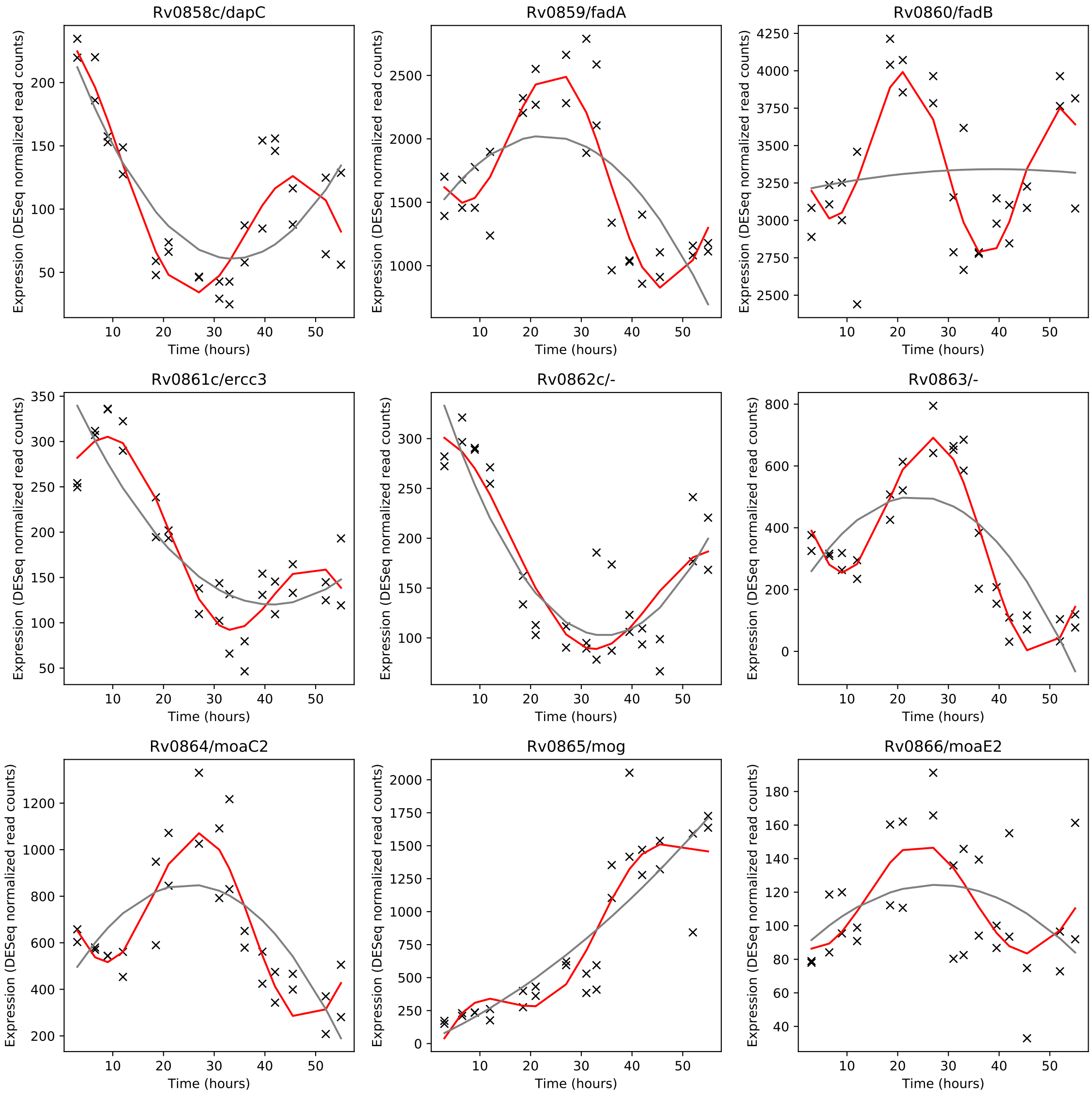

Rv0845/-
Expression (DESeq normalized read counts)
Time (hours)

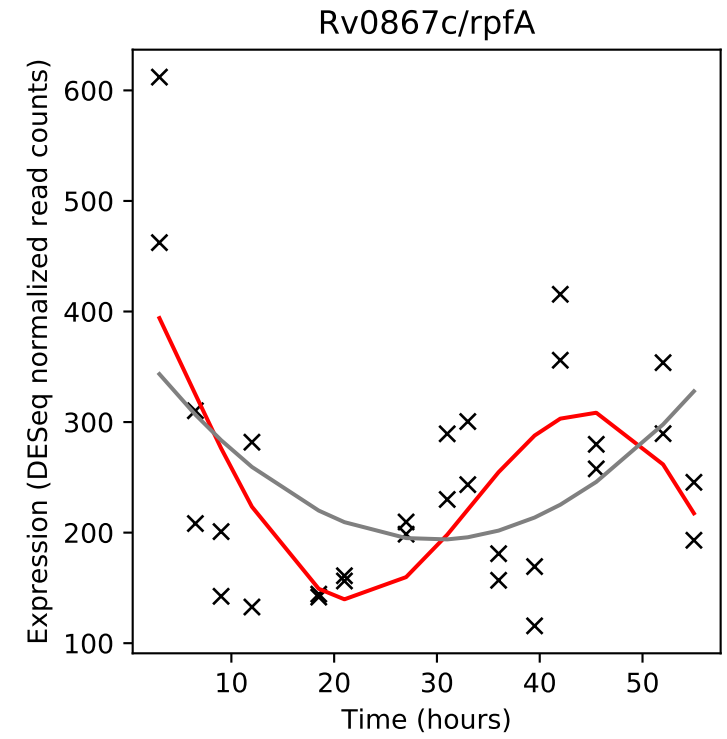

Rv0846c/-
Expression (DESeq normalized read counts)
Time (hours)

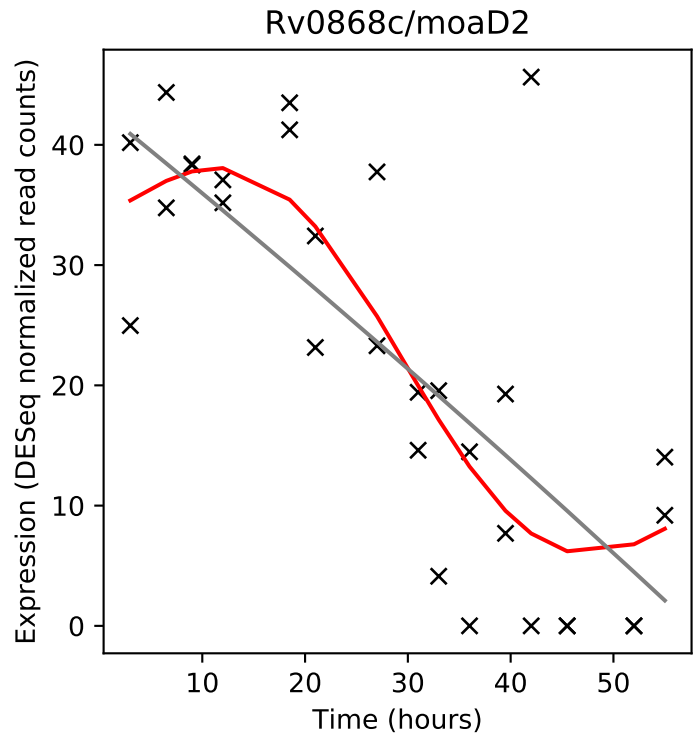

Rv0847/lpqS
Expression (DESeq normalized read counts)
Time (hours)

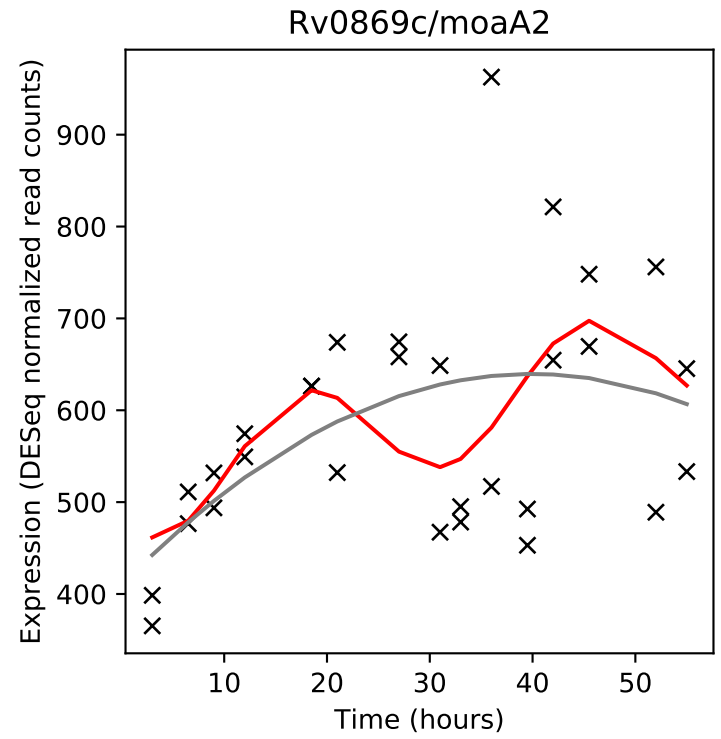

Rv0848/cysK2
Expression (DESeq normalized read counts)
Time (hours)

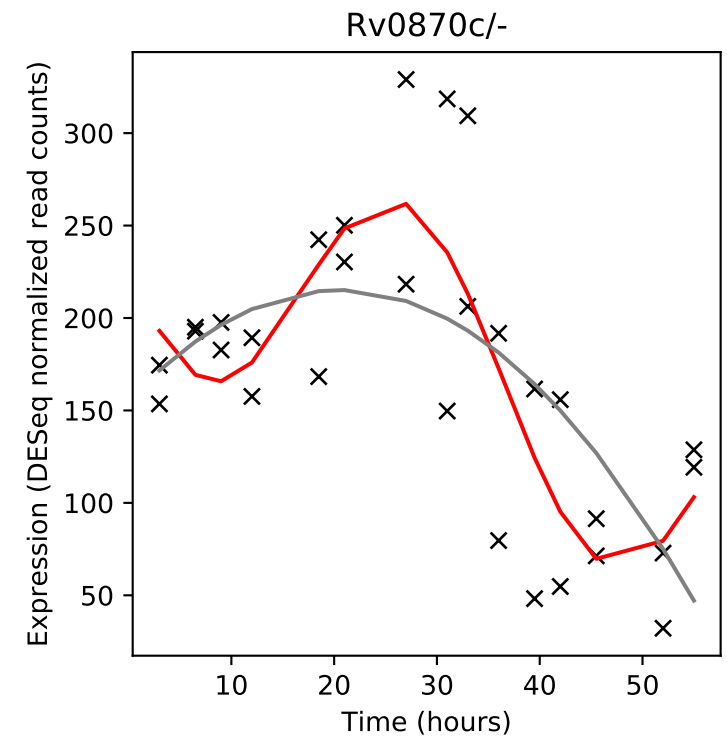

Rv0849/-
Rv0850/-
Rv0851c/-
Rv0852/fadD16
Rv0853c/pdc
Rv0854/-
Rv0855/far
Rv0856/-
Rv0857/-
Expression (DESeq normalized read counts)
Time (hours)

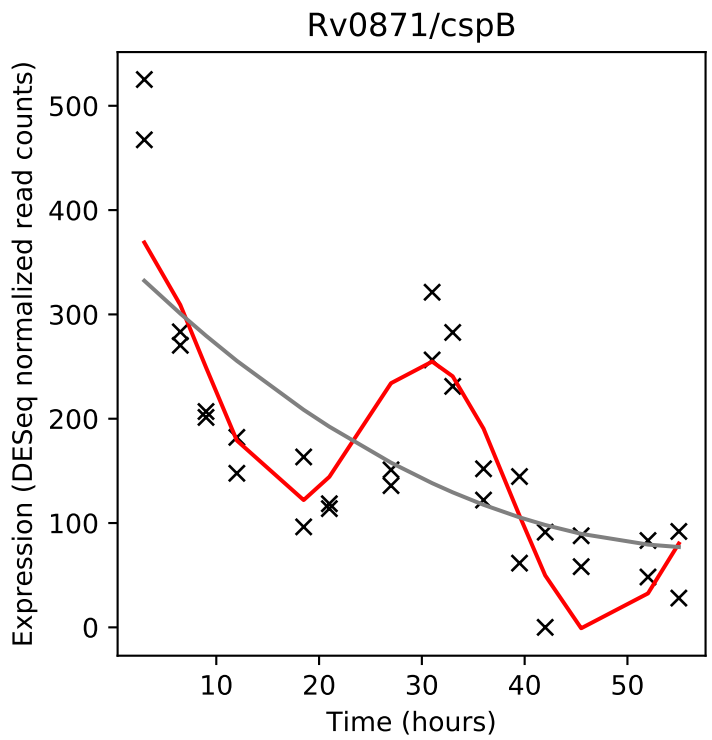

Rv0858c/dapC
Rv0859/fadA
Rv0860/fadB
Rv0861c/ercc3
Rv0862c/-
Rv0863/-
Rv0864/moaC2
Rv0865/mog
Rv0866/moaE2
Expression (DESeq normalized read counts)
Time (hours)

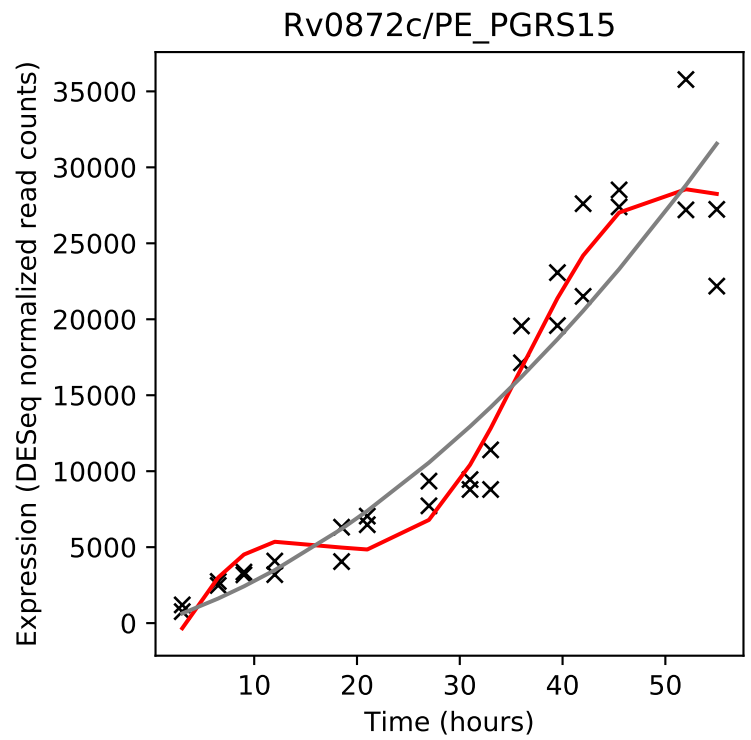

Rv0867c/rpfA
Expression (DESeq normalized read counts)
Time (hours)

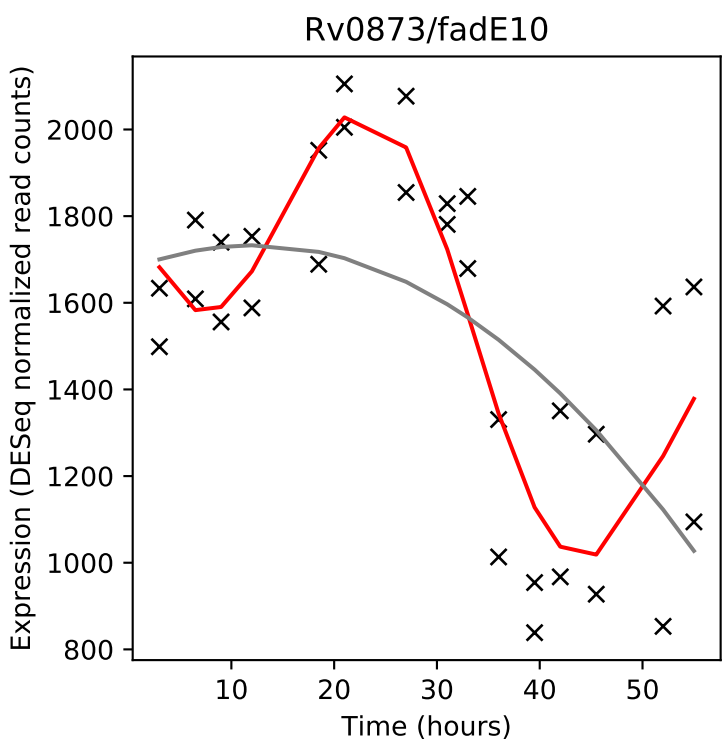

Rv0868c/moaD2
Expression (DESeq normalized read counts)
Time (hours)

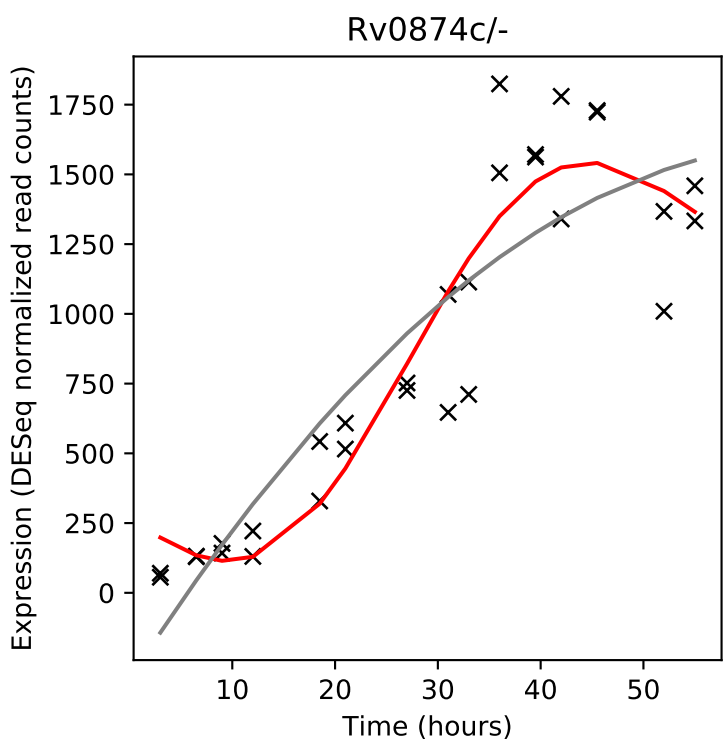

Rv0869c/moaA2
Expression (DESeq normalized read counts)
Time (hours)

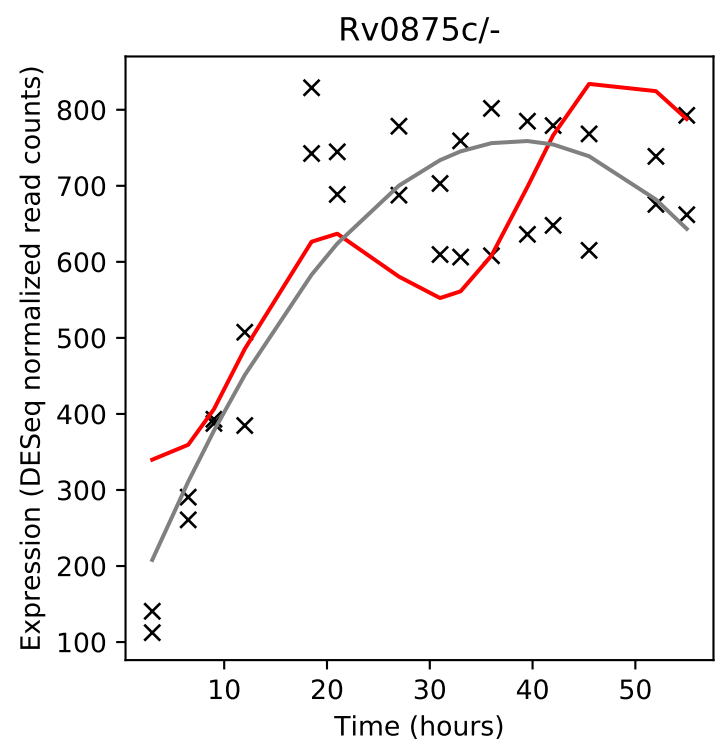

Rv0870c/-
Expression (DESeq normalized read counts)
Time (hours)

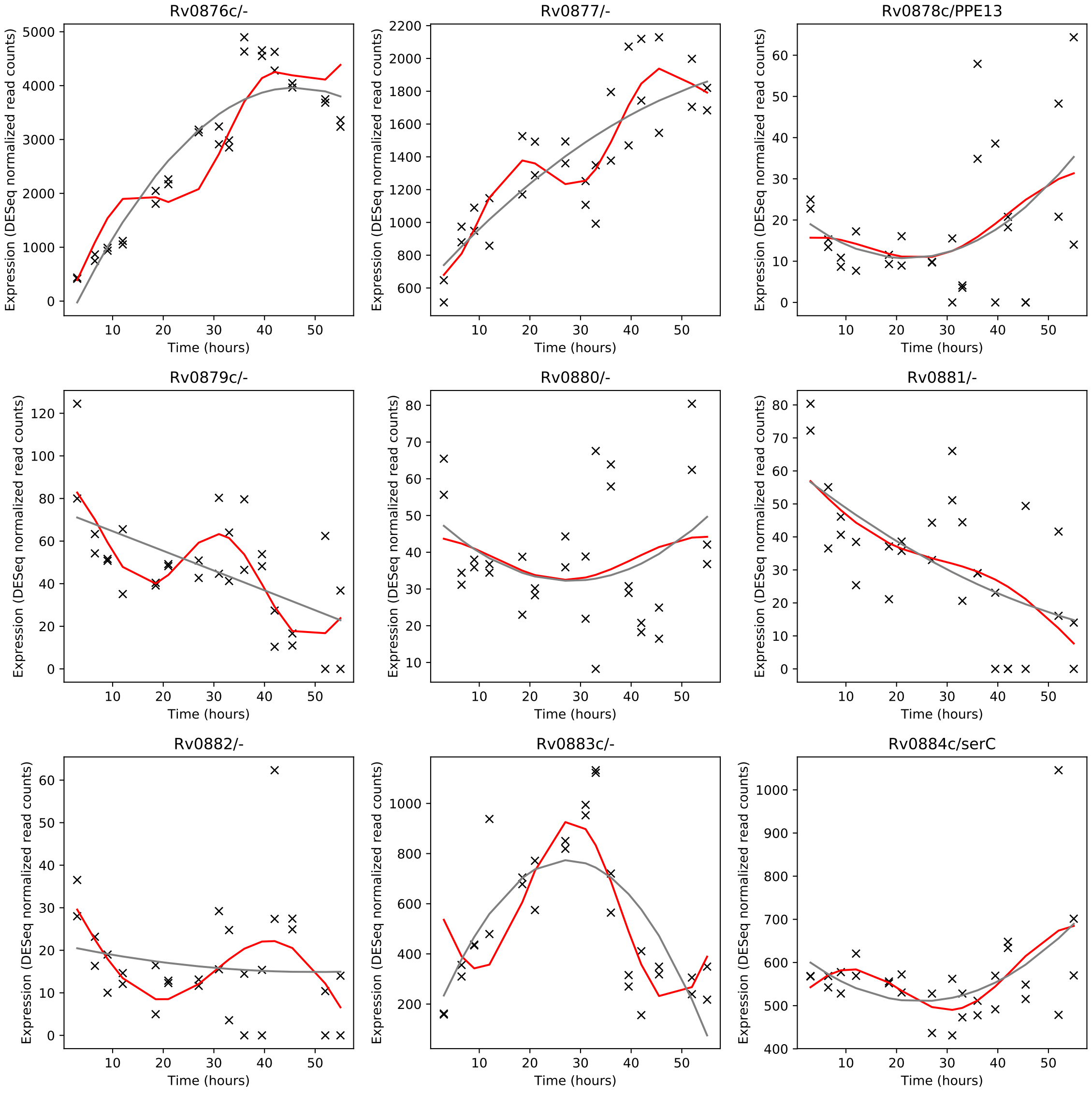

Rv0871/cspB
Expression (DESeq normalized read counts)
Time (hours)

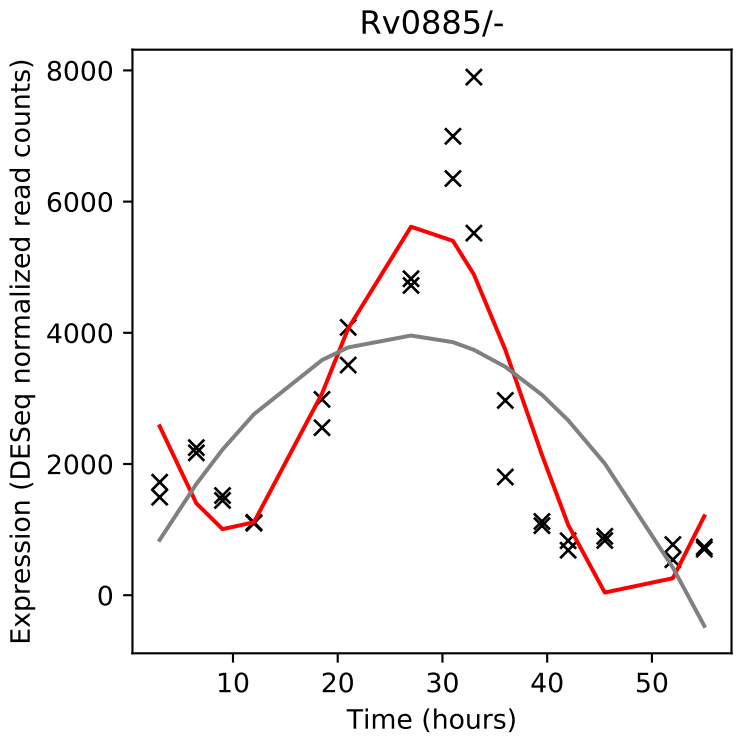

Rv0872c/PE_PGRS15
Expression (DESeq normalized read counts)
Time (hours)

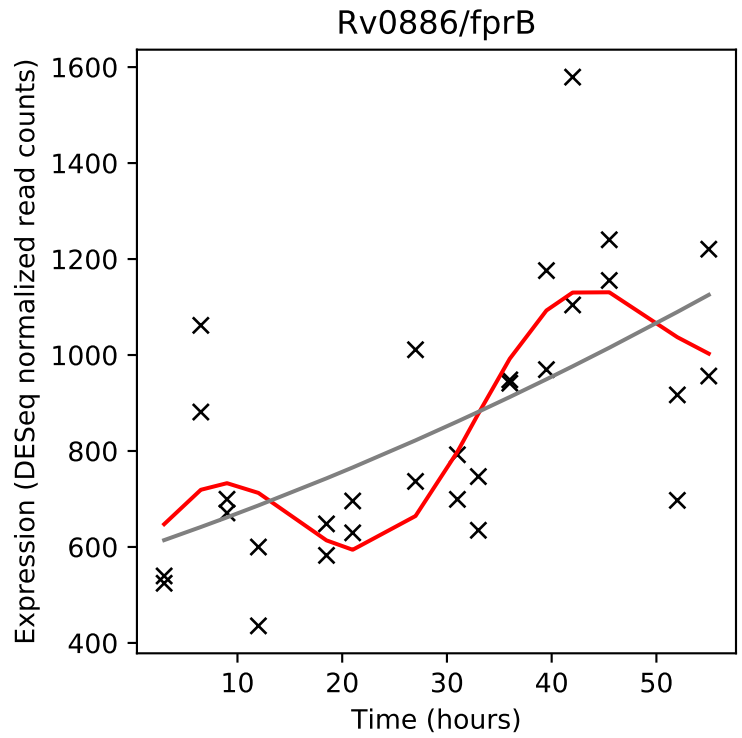

Rv0873/fadE10
Expression (DESeq normalized read counts)
Time (hours)

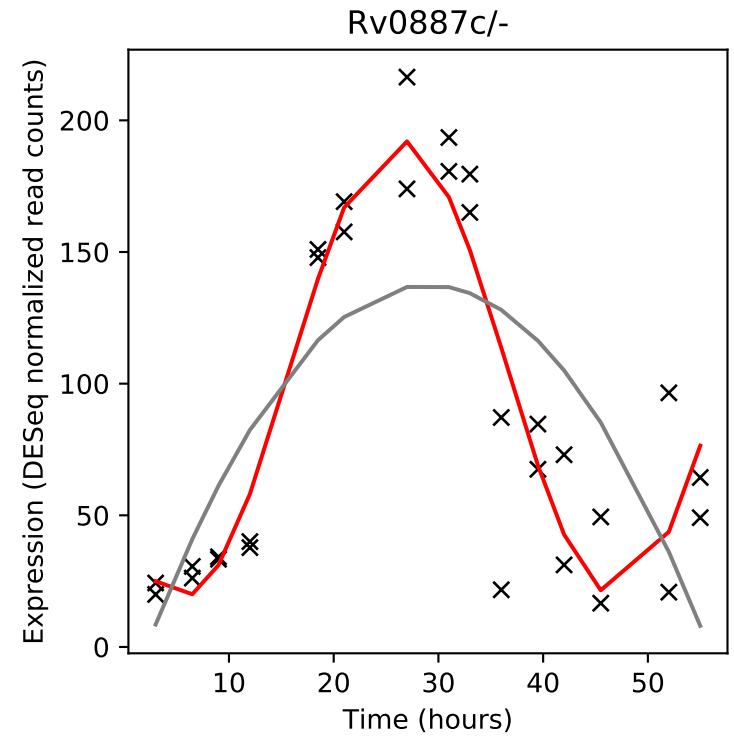

Rv0874c/-
Expression (DESeq normalized read counts)
Time (hours)

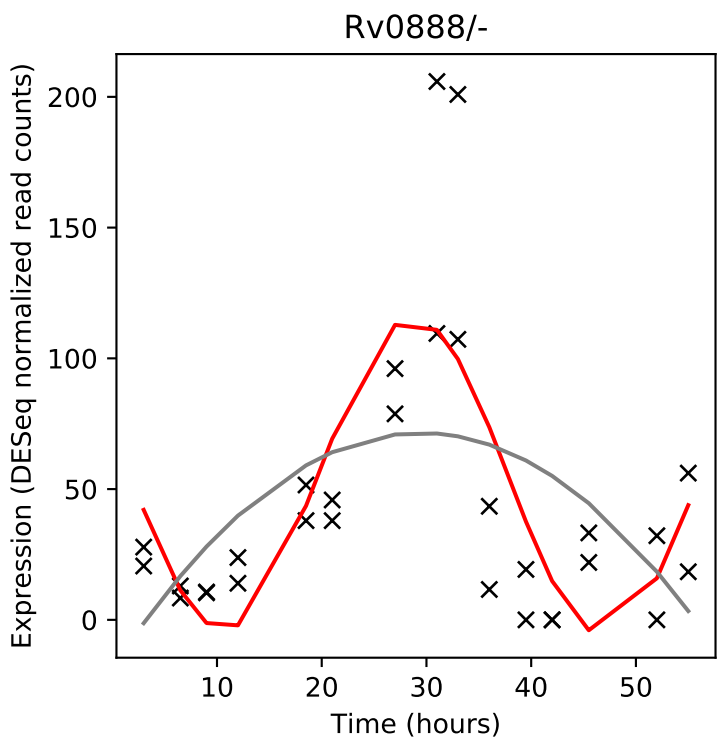

Rv0875c/-
Expression (DESeq normalized read counts)
Time (hours)

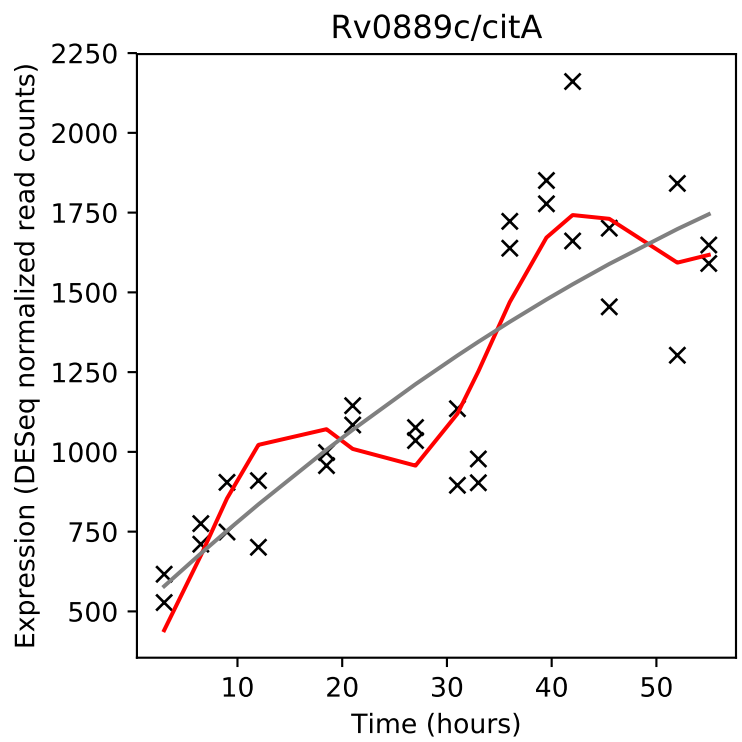

Rv0876c/-
Rv0877/-
Rv0878c/PPE13
Rv0879c/-
Rv0880/-
Rv0881/-
Rv0882/-
Rv0883c/-
Rv0884c/serC
Expression (DESeq normalized read counts)
Time (hours)

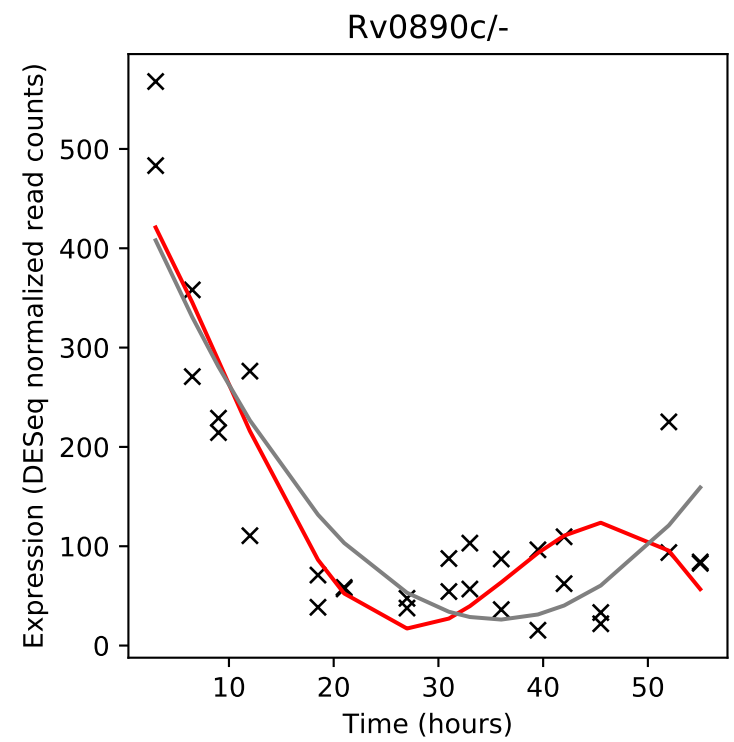

Rv0885/-
Expression (DESeq normalized read counts)
Time (hours)

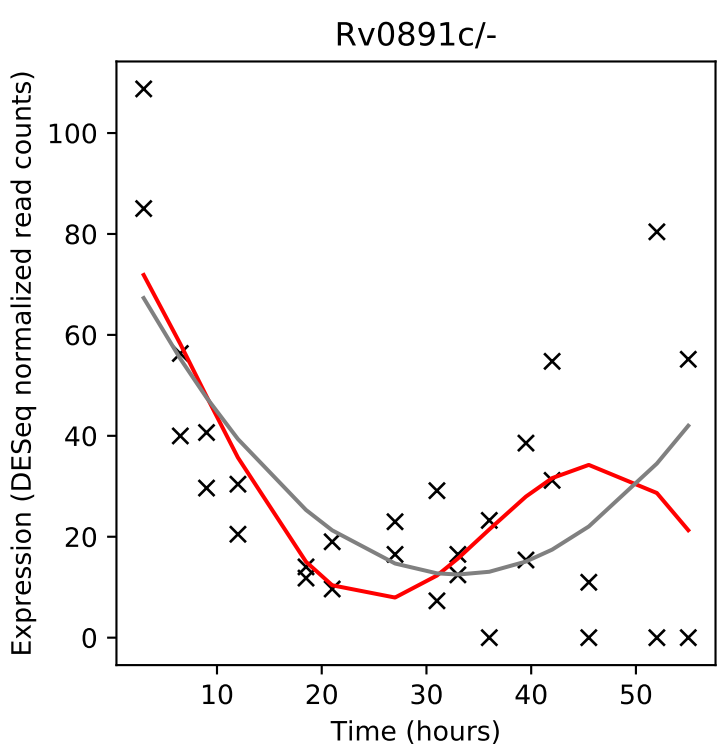

Rv0886/fprB
Expression (DESeq normalized read counts)
Time (hours)

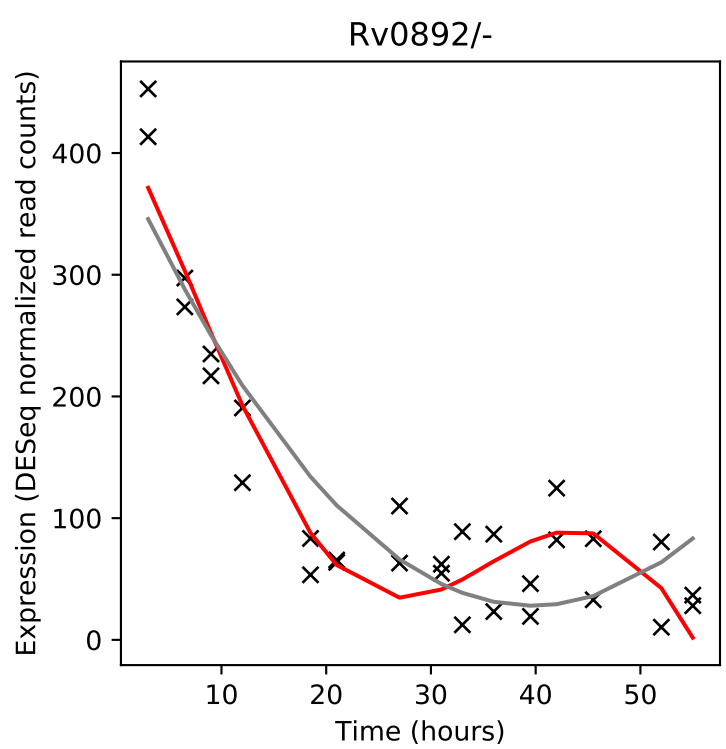

Rv0887c/-
Expression (DESeq normalized read counts)
Time (hours)

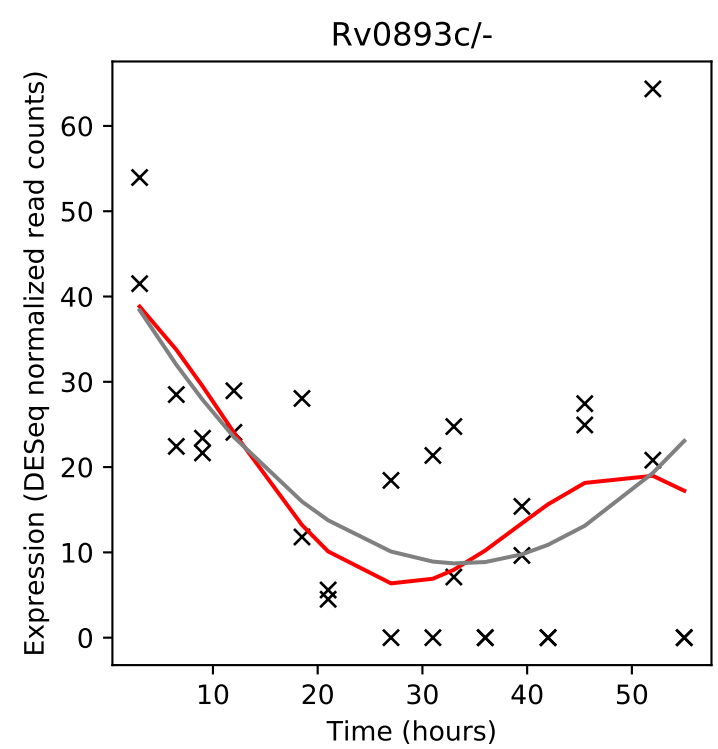

Rv0888/-
Expression (DESeq normalized read counts)
Time (hours)

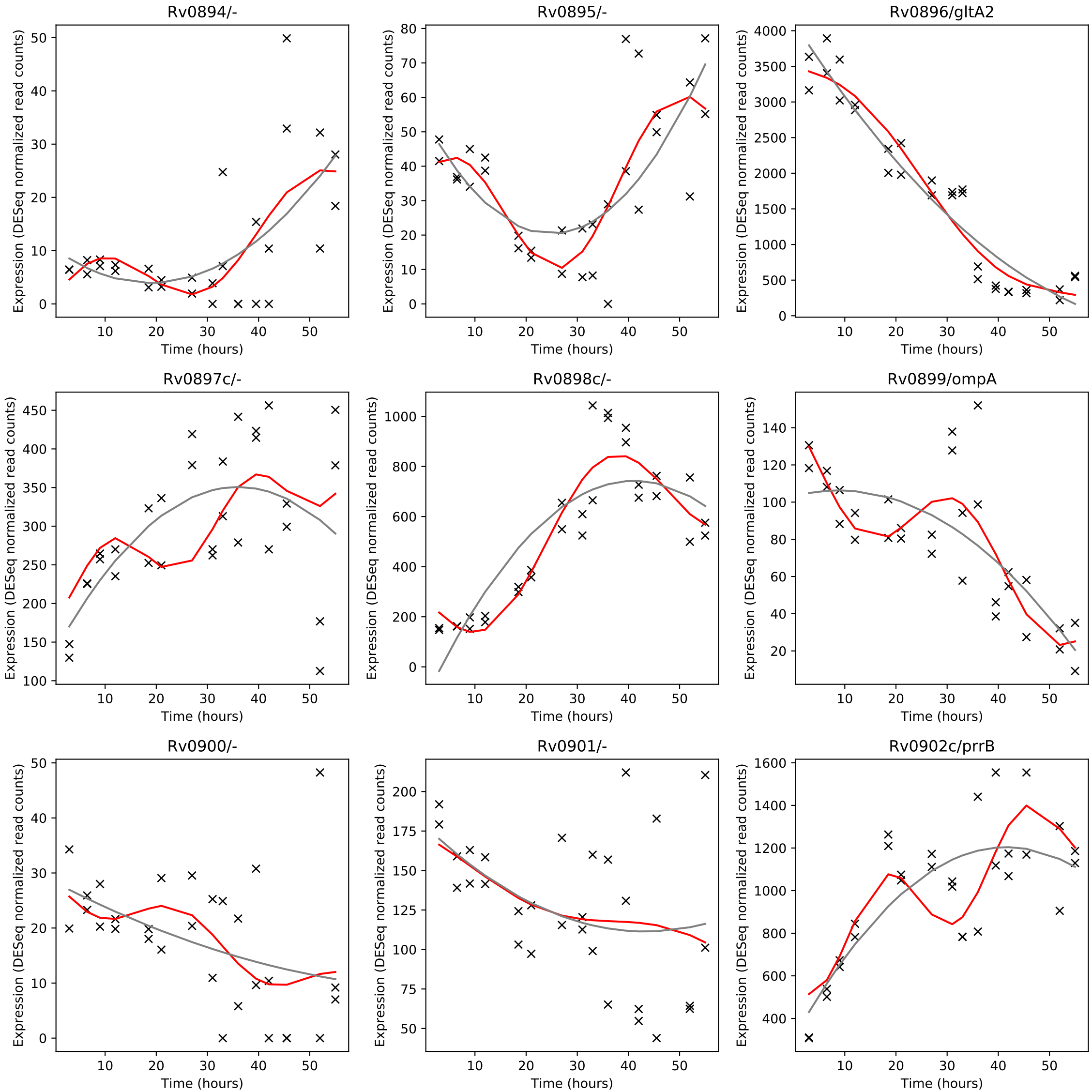

Rv0889c/citA
Expression (DESeq normalized read counts)
Time (hours)

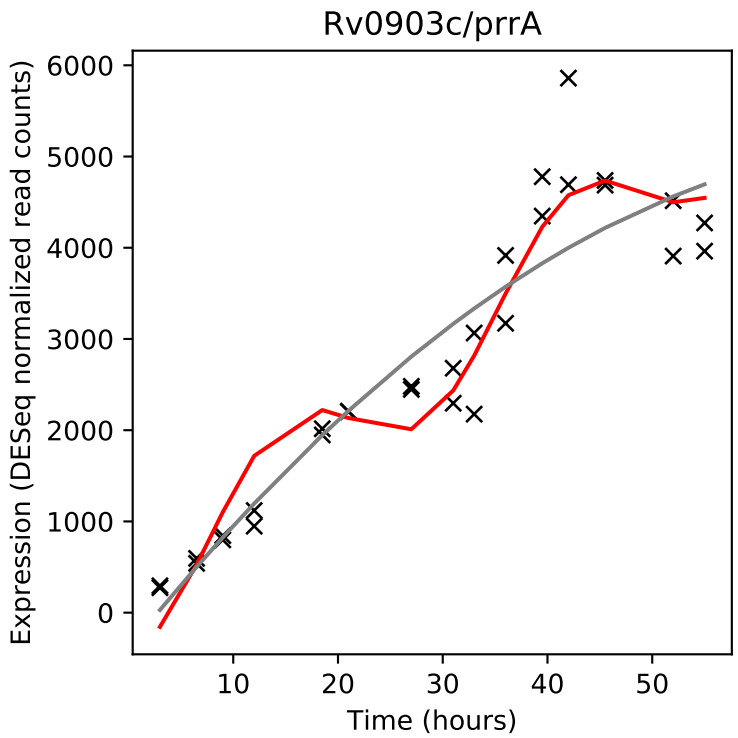

Rv0890c/-
Expression (DESeq normalized read counts)
Time (hours)

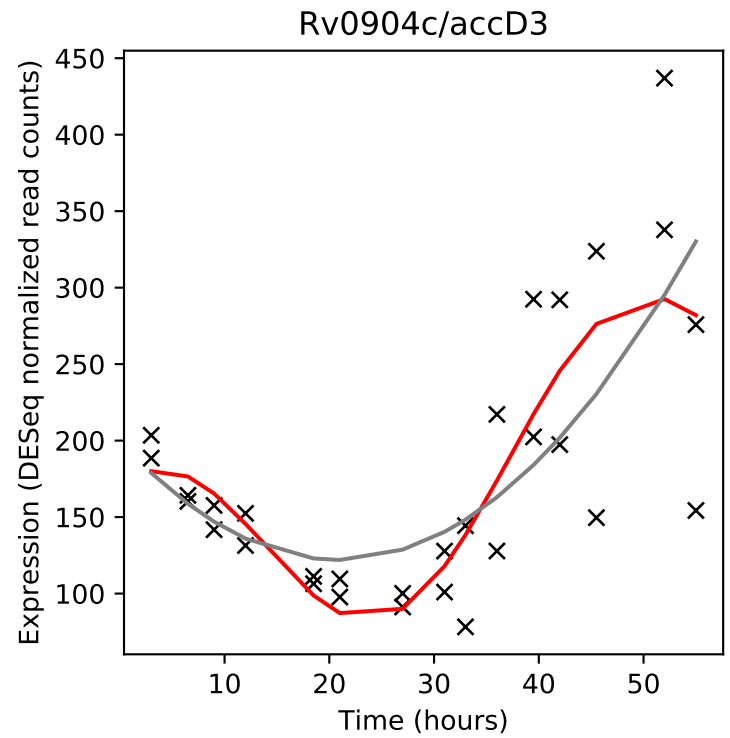

Rv0891c/-
Expression (DESeq normalized read counts)
Time (hours)

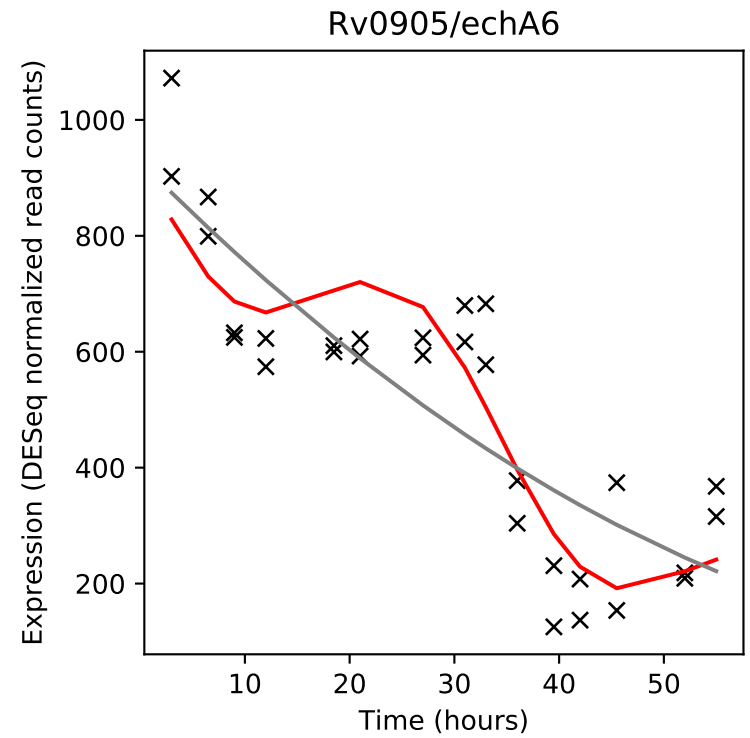

Rv0892/-
Expression (DESeq normalized read counts)
Time (hours)

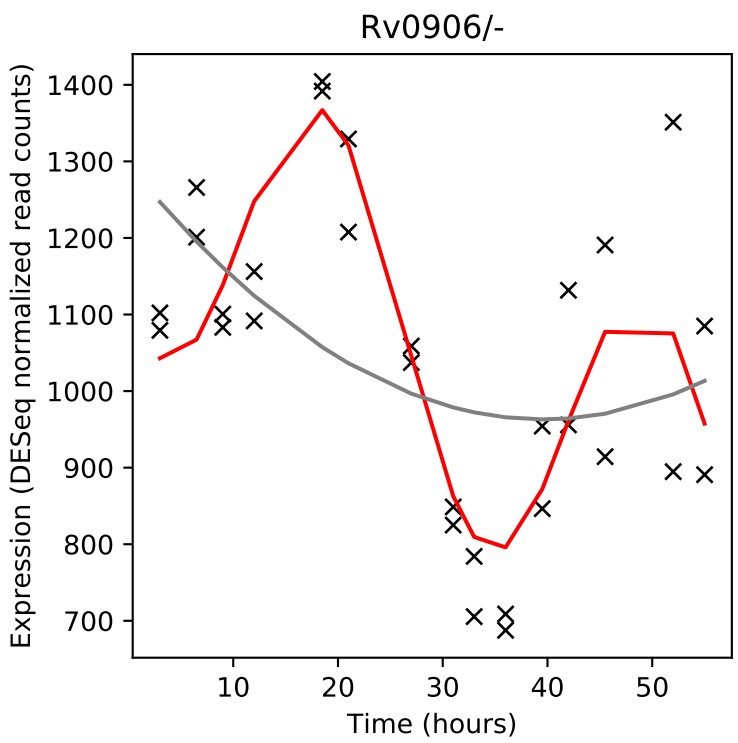

Rv0893c/-
Expression (DESeq normalized read counts)
Time (hours)

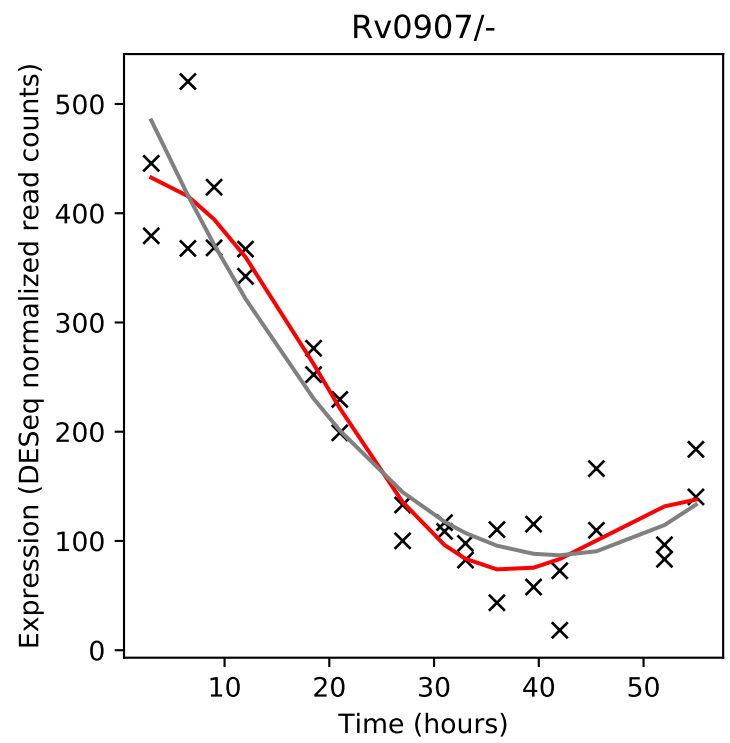

Rv0894/-
Rv0895/-
Rv0896/gltA2
Rv0897c/-
Rv0898c/-
Rv0899/ompA
Rv0900/-
Rv0901/-
Rv0902c/prrB
Expression (DESeq normalized read counts)
Time (hours)

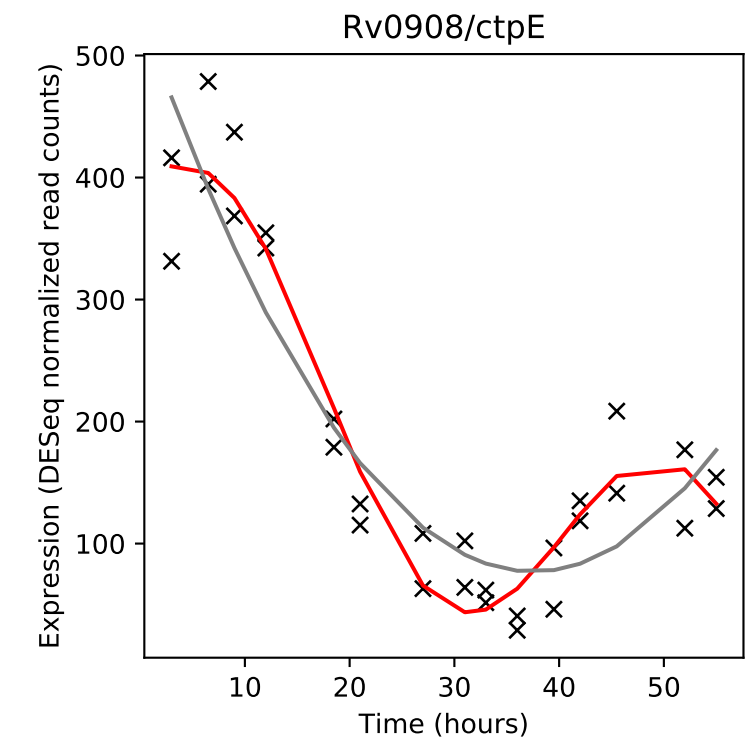

Rv0903c/prrA
Expression (DESeq normalized read counts)
Time (hours)

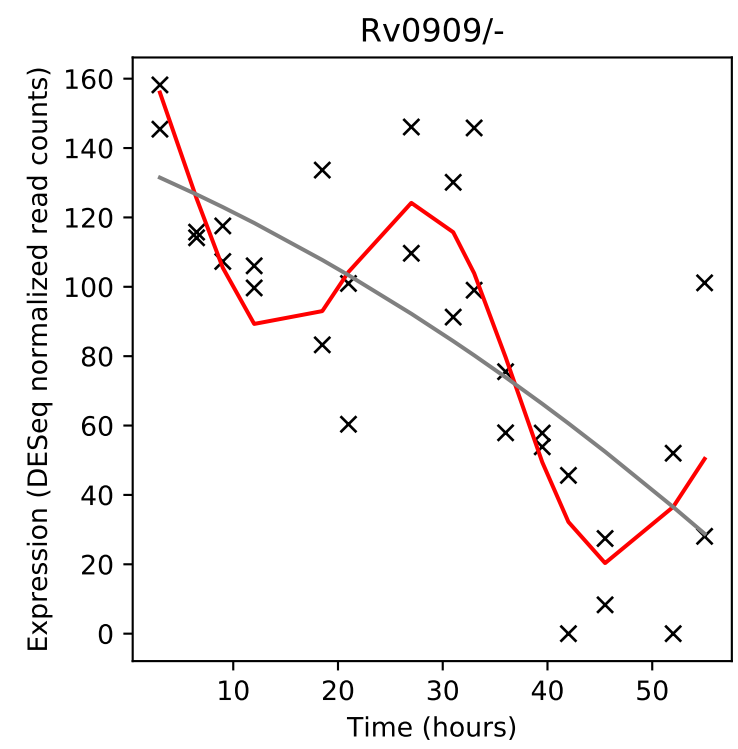

Rv0904c/accD3
Expression (DESeq normalized read counts)
Time (hours)

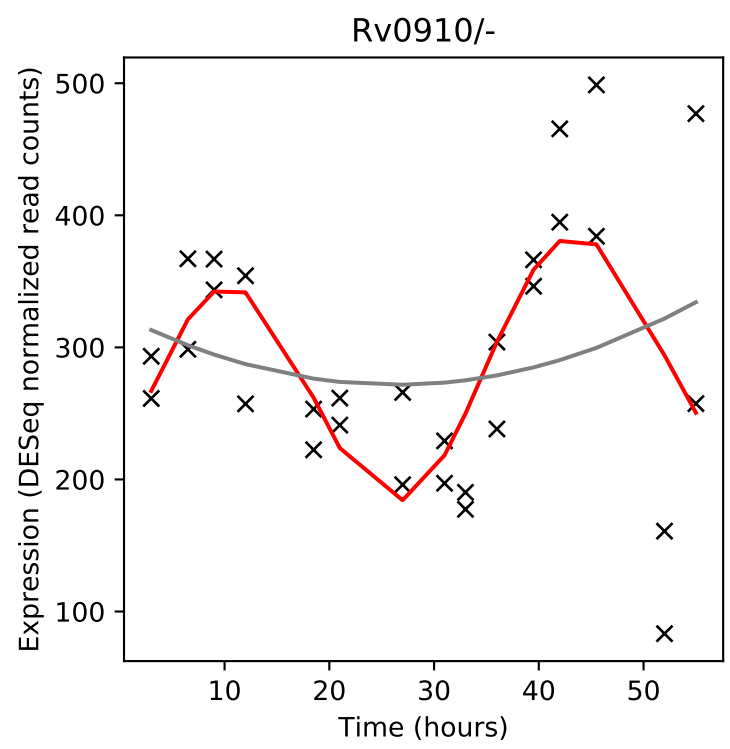

Rv0905/echA6
Expression (DESeq normalized read counts)
Time (hours)

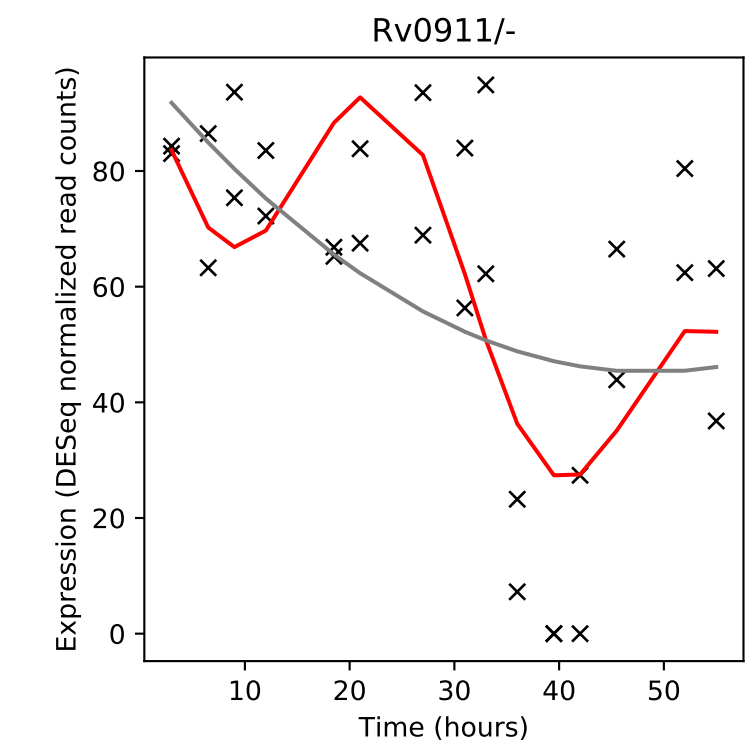

Rv0906/-
Expression (DESeq normalized read counts)
Time (hours)

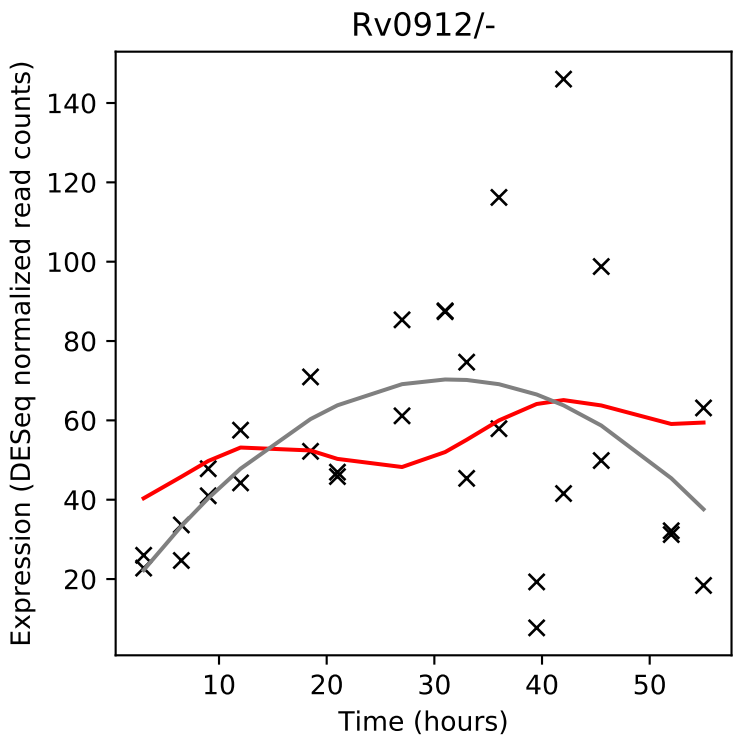

Rv0907/-
Expression (DESeq normalized read counts)
Time (hours)

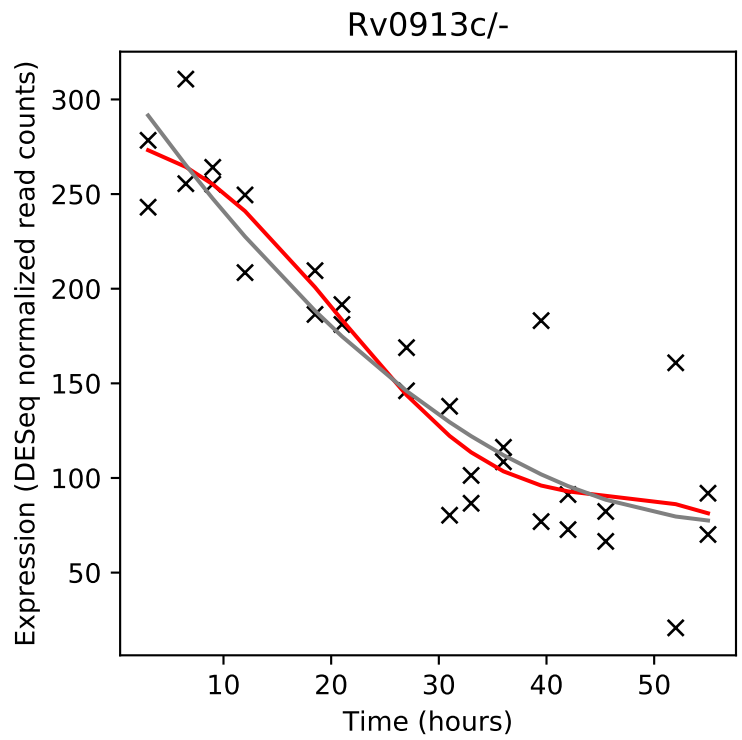

Rv0908/ctpE
Expression (DESeq normalized read counts)
Time (hours)

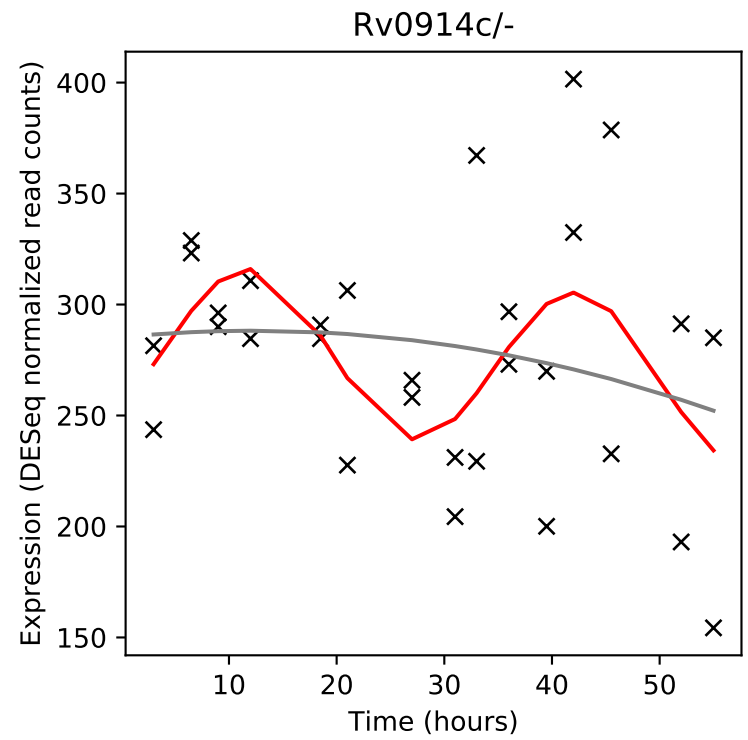

Rv0909/-
Expression (DESeq normalized read counts)
Time (hours)

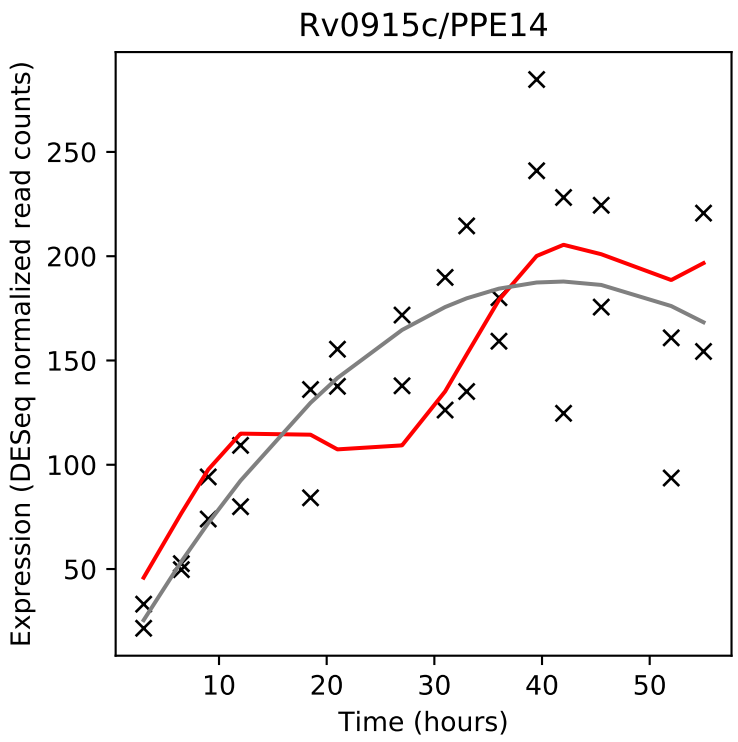

Rv0910/-
Expression (DESeq normalized read counts)
Time (hours)

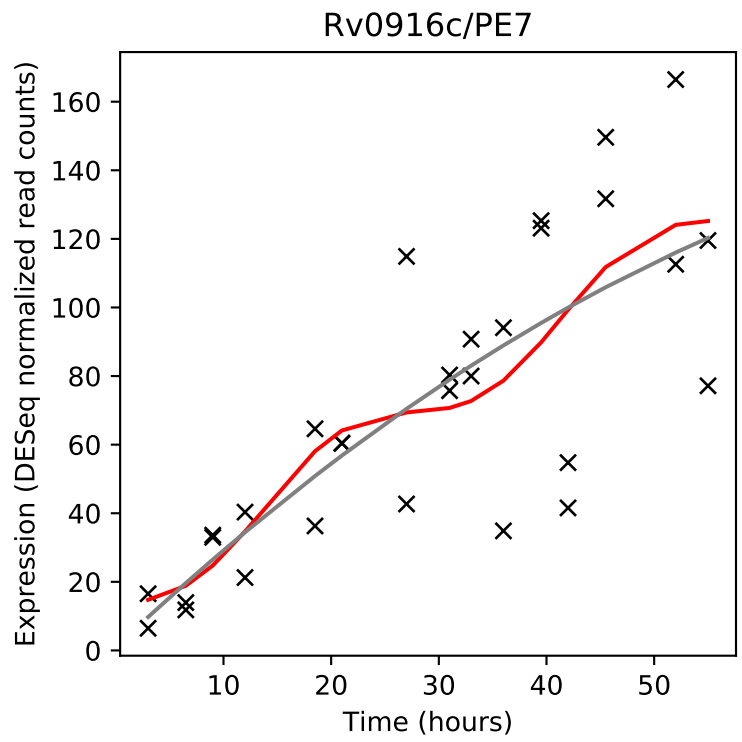

Rv0911/-
Expression (DESeq normalized read counts)
Time (hours)

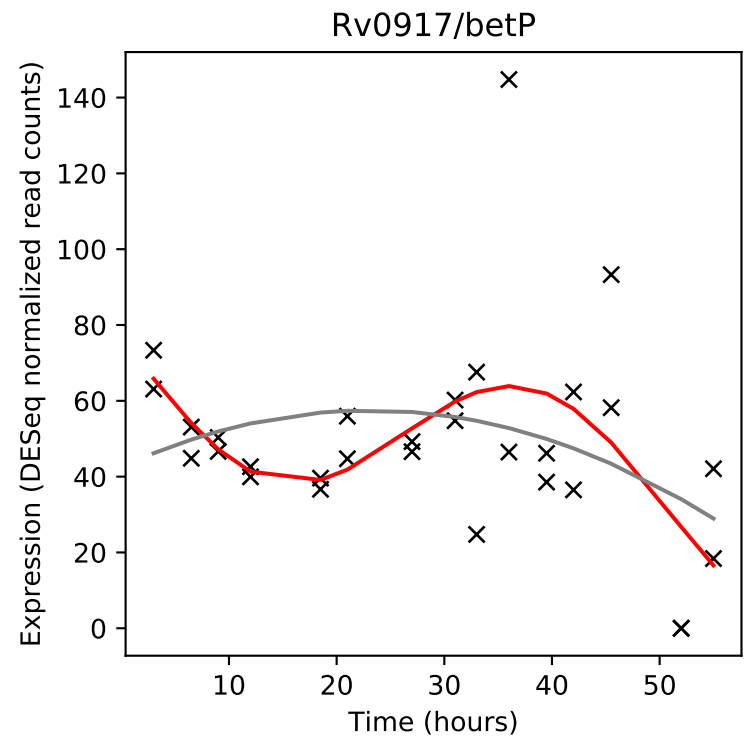

Rv0912/-
Expression (DESeq normalized read counts)
Time (hours)

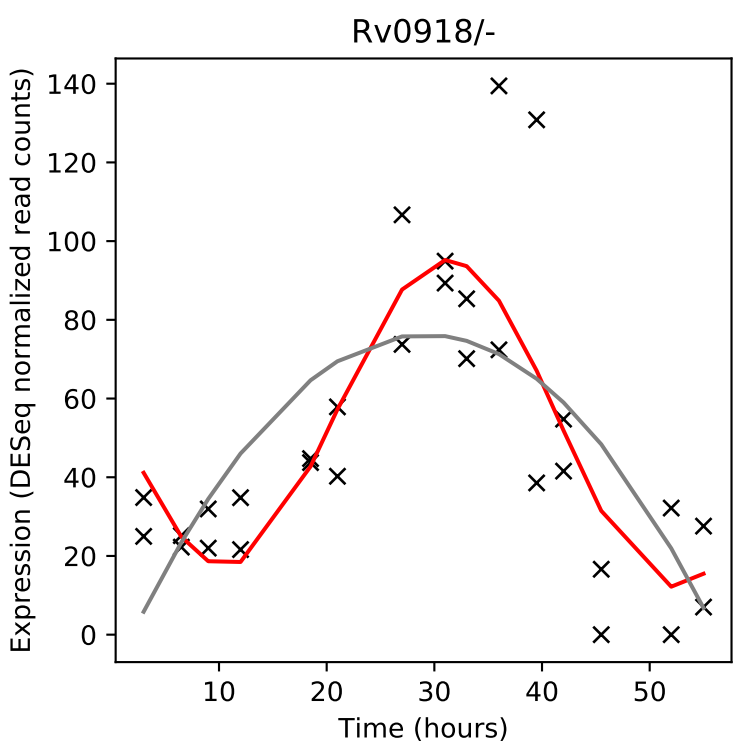

Rv0913c/-
Expression (DESeq normalized read counts)
Time (hours)

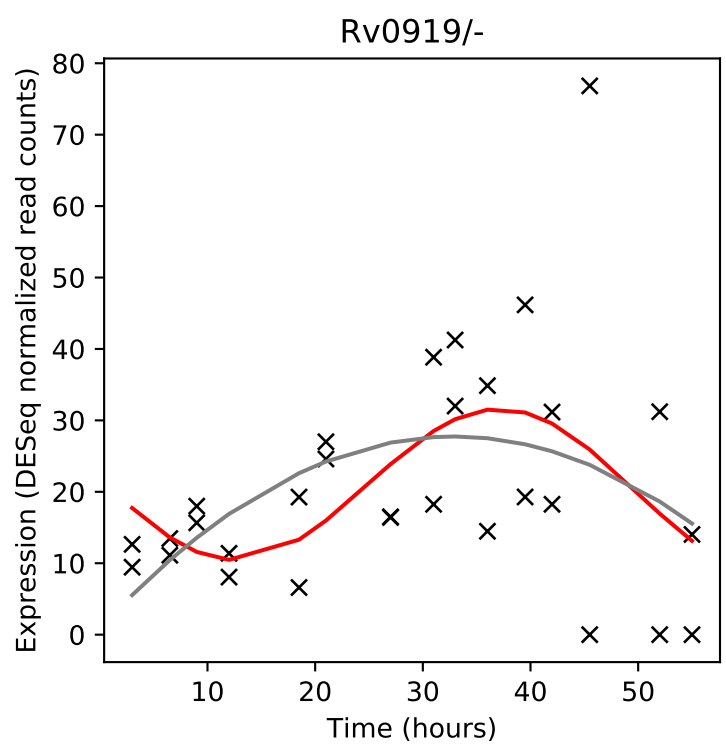

Rv0914c/-
Expression (DESeq normalized read counts)
Time (hours)

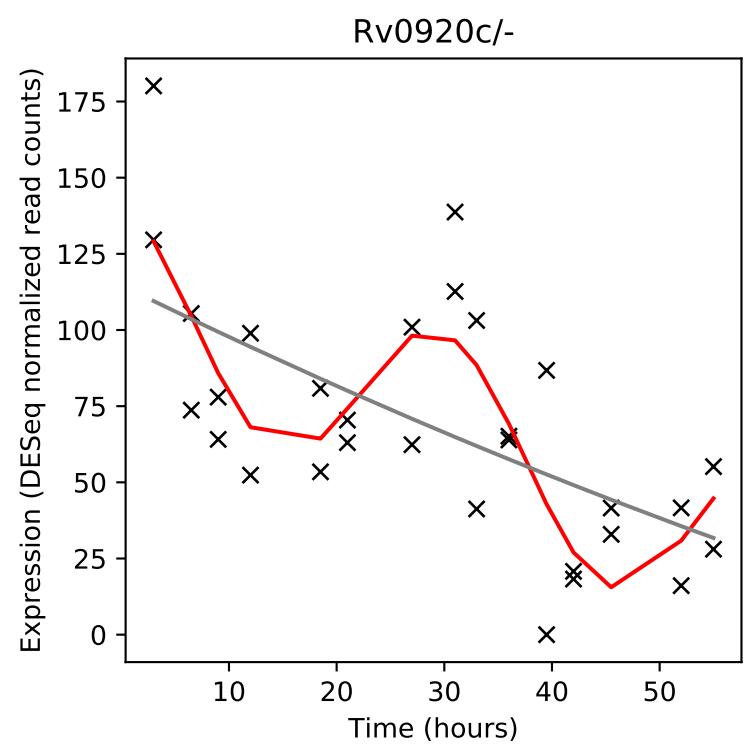

Rv0915c/PPE14
Expression (DESeq normalized read counts)
Time (hours)

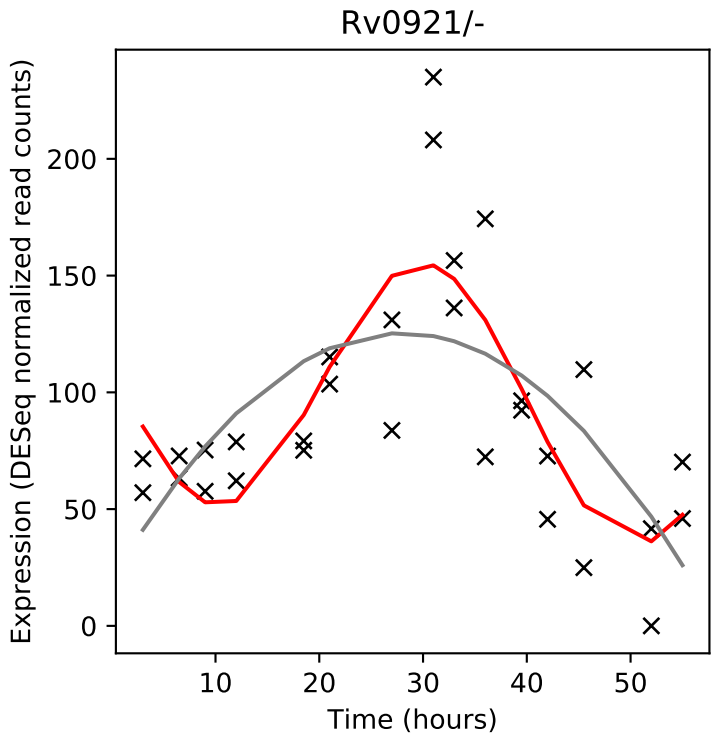

Rv0916c/PE7
Expression (DESeq normalized read counts)
Time (hours)

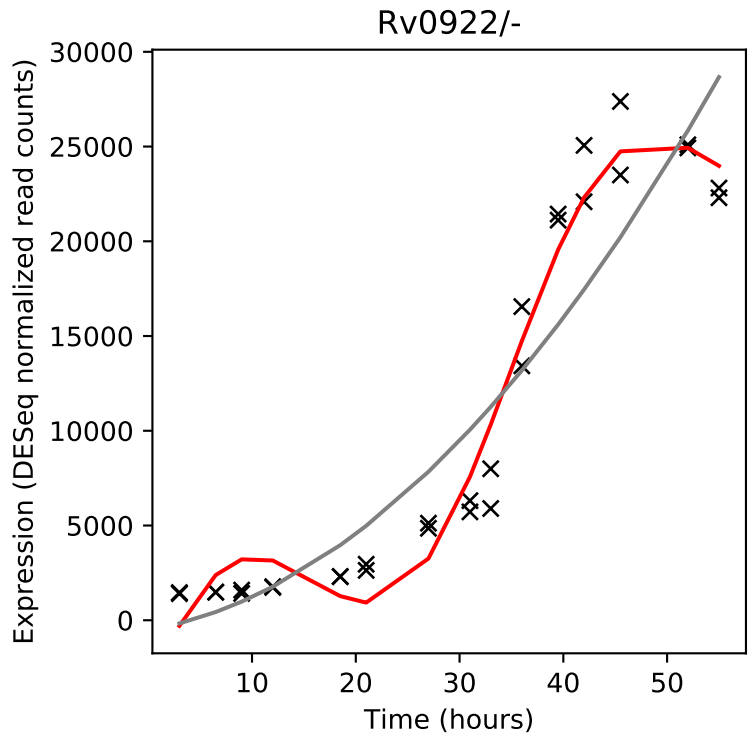

Rv0917/betP
Expression (DESeq normalized read counts)
Time (hours)

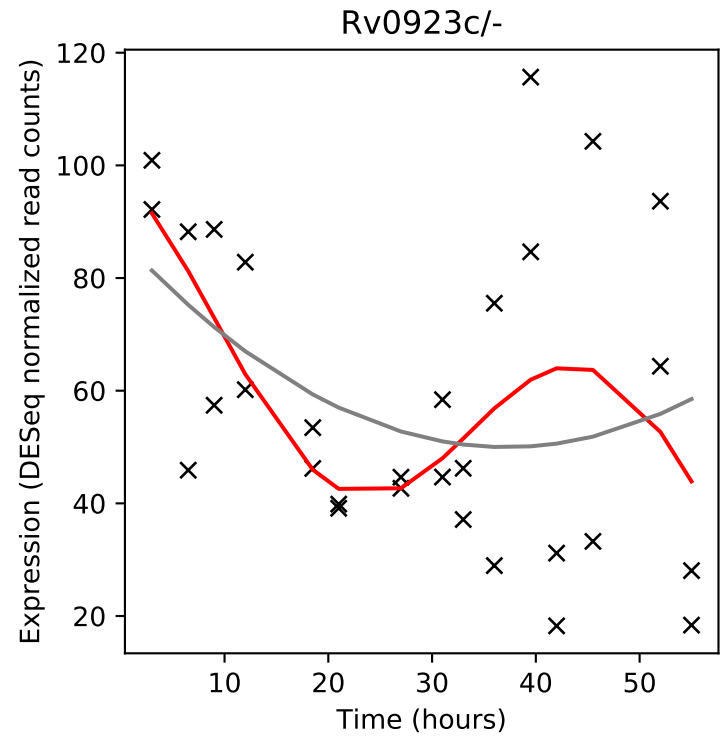

Rv0918/-
Expression (DESeq normalized read counts)
Time (hours)

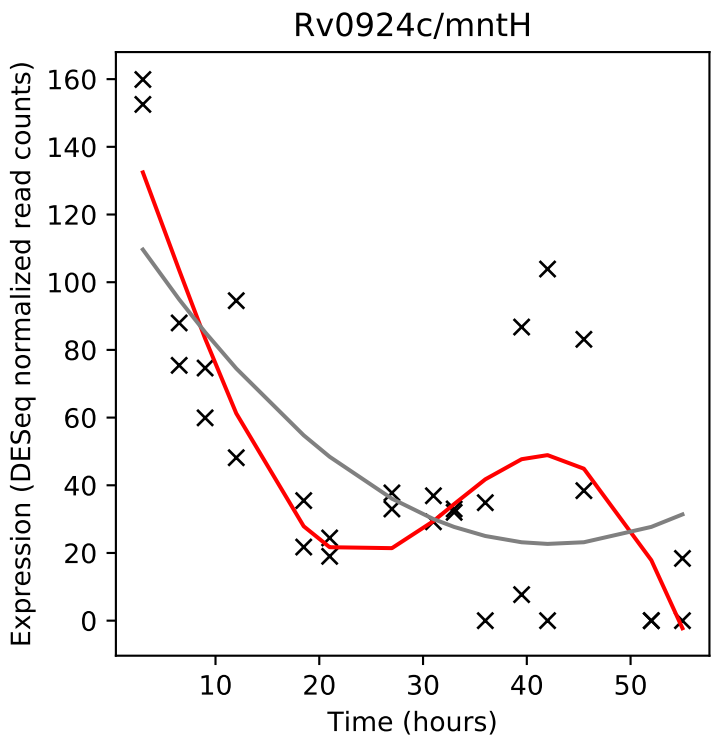

Rv0919/-
Expression (DESeq normalized read counts)
Time (hours)

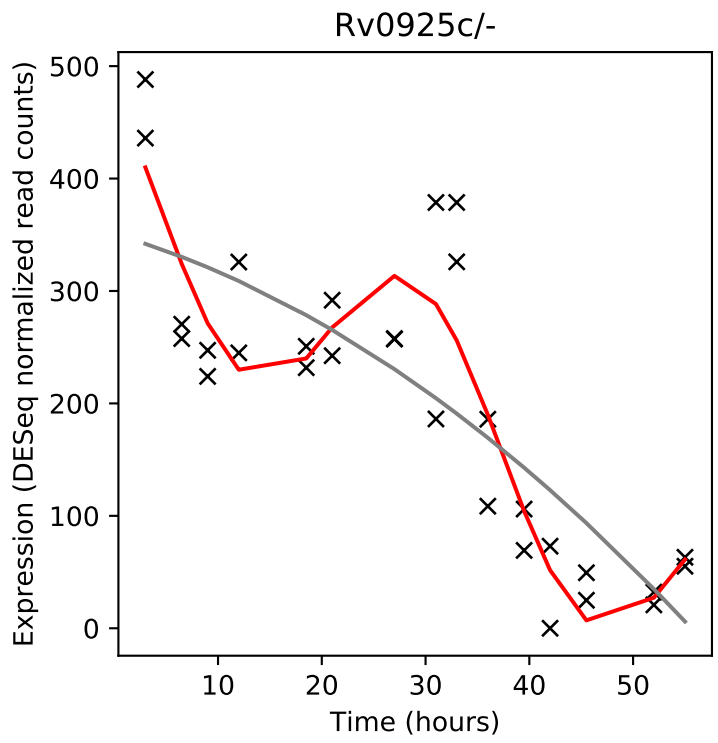

Rv0920c/-
Expression (DESeq normalized read counts)
Time (hours)

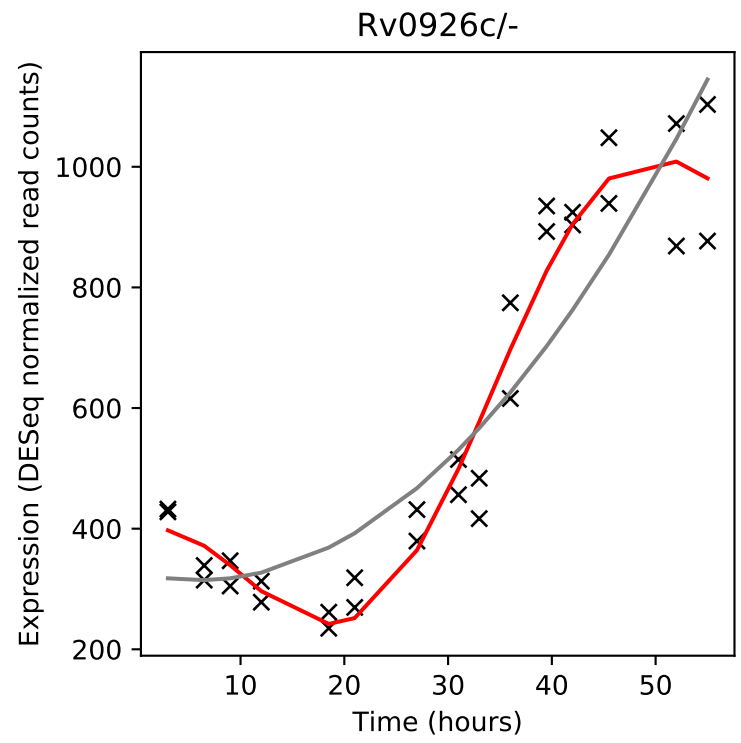

Rv0921/-
Expression (DESeq normalized read counts)
Time (hours)

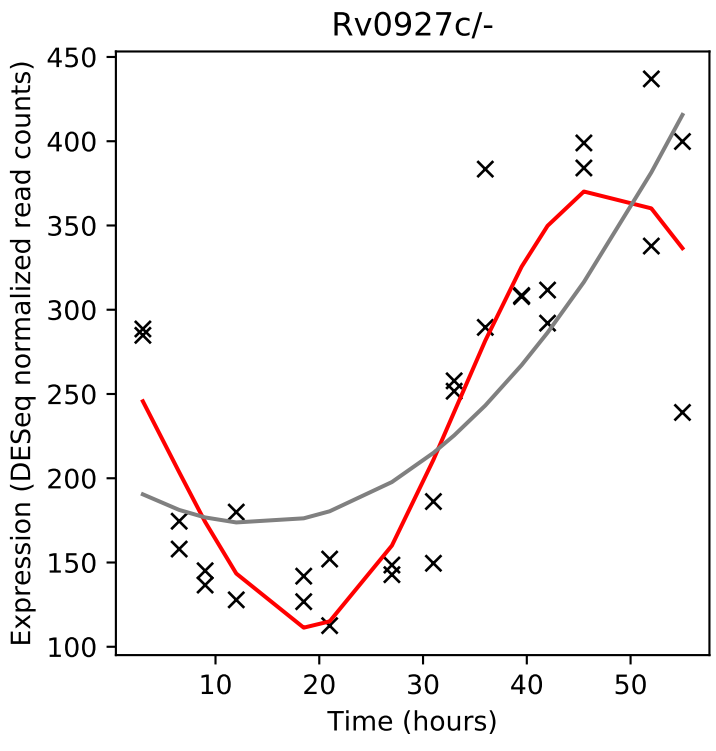

Rv0922/-
Expression (DESeq normalized read counts)
Time (hours)

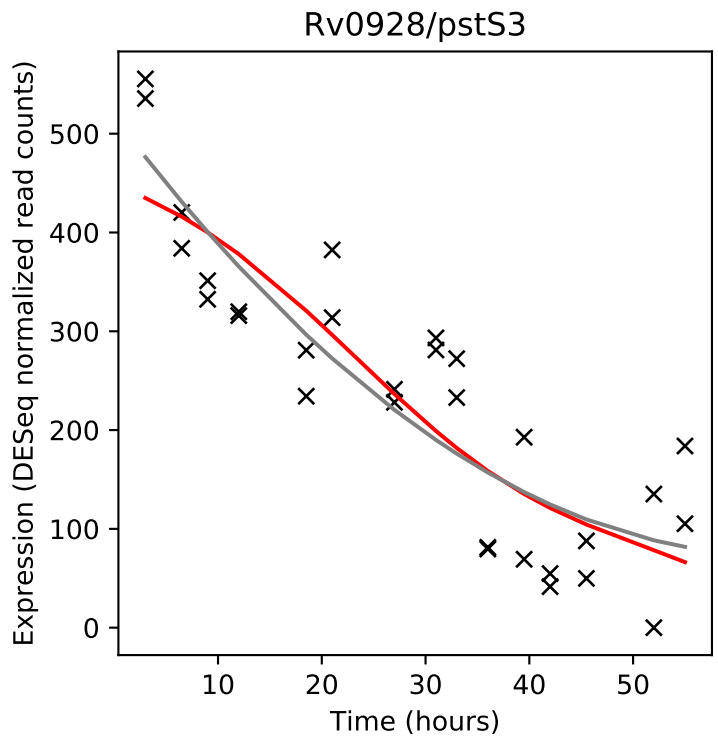

Rv0923c/-
Expression (DESeq normalized read counts)
Time (hours)

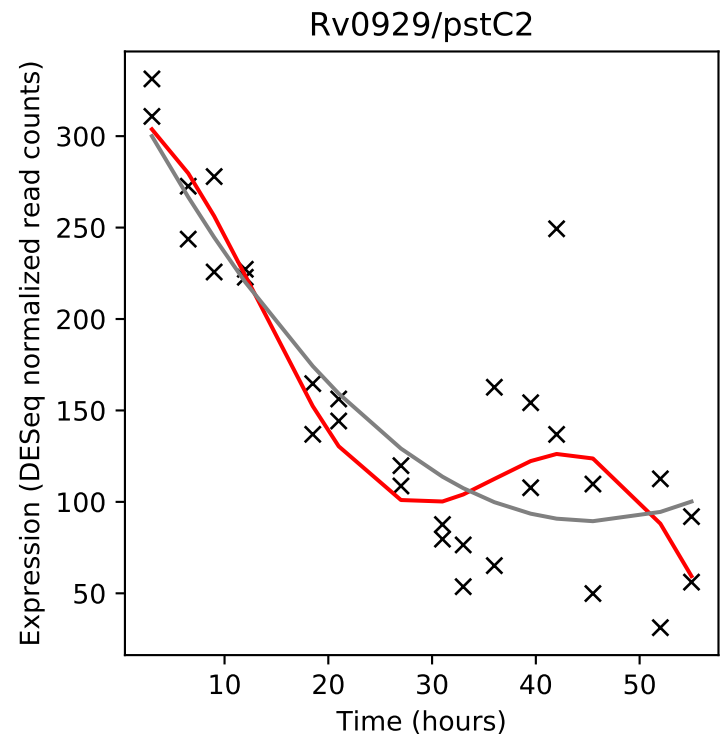

Rv0924c/mntH
Expression (DESeq normalized read counts)
Time (hours)

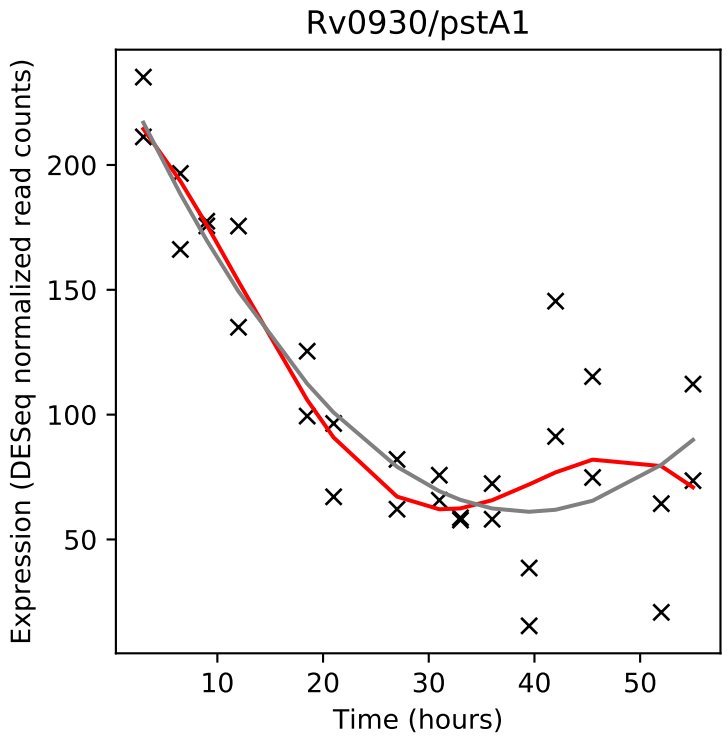

Rv0925c/-
Expression (DESeq normalized read counts)
Time (hours)

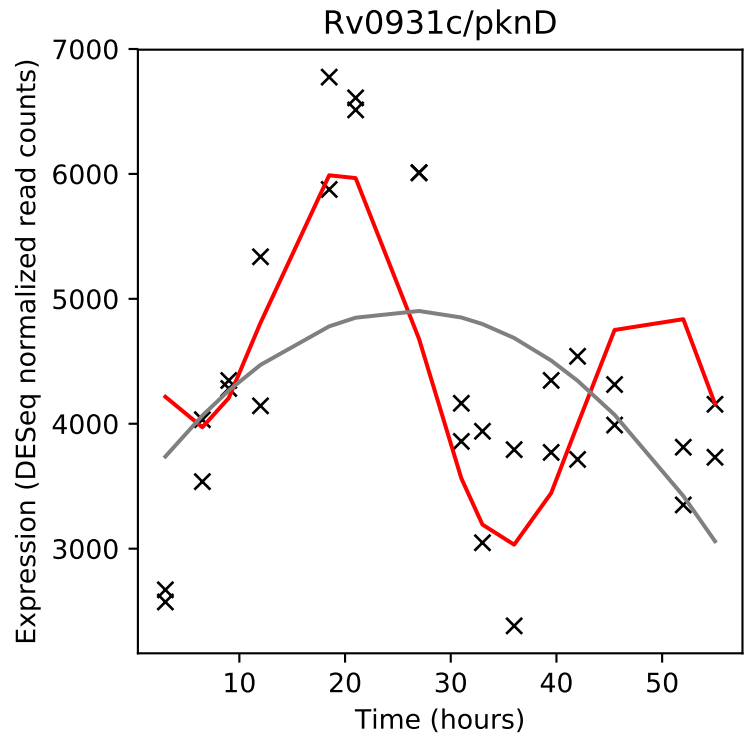

Rv0926c/-
Expression (DESeq normalized read counts)
Time (hours)

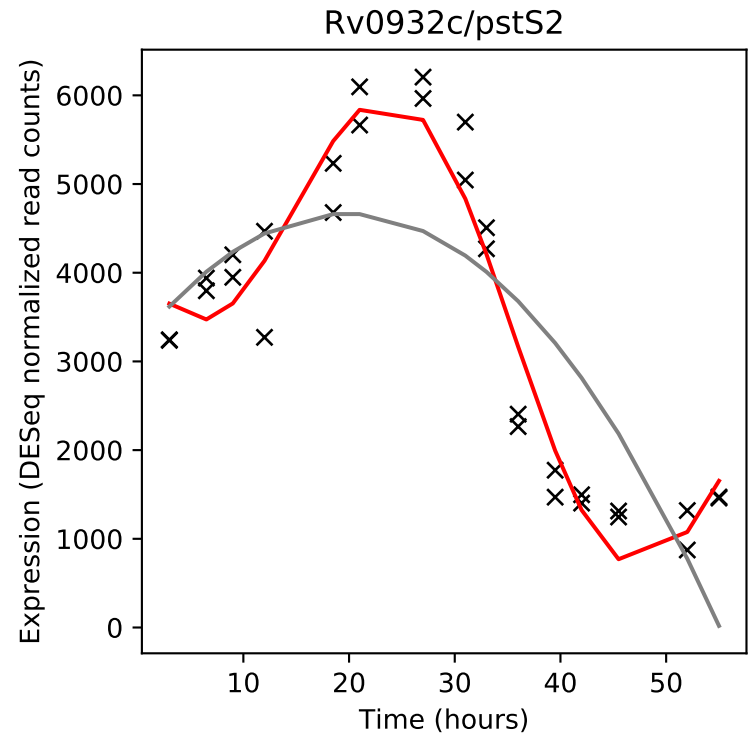

Rv0927c/-
Expression (DESeq normalized read counts)
Time (hours)

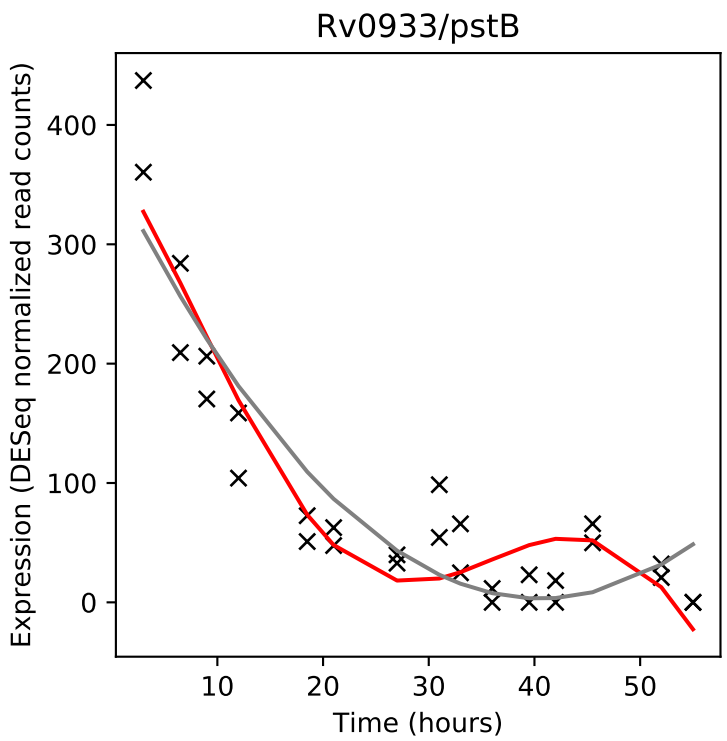

Rv0928/pstS3
Expression (DESeq normalized read counts)
Time (hours)

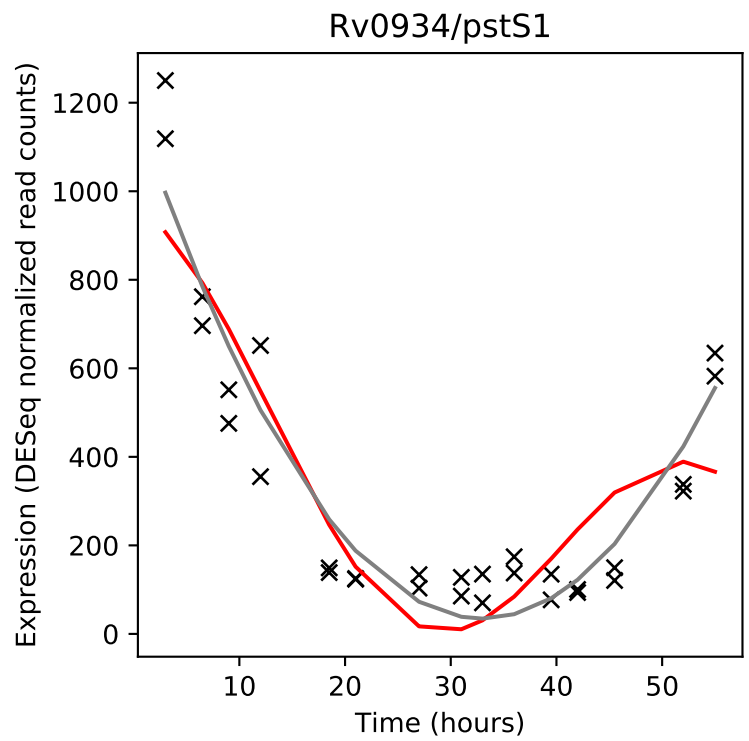

Rv0929/pstC2
Expression (DESeq normalized read counts)
Time (hours)

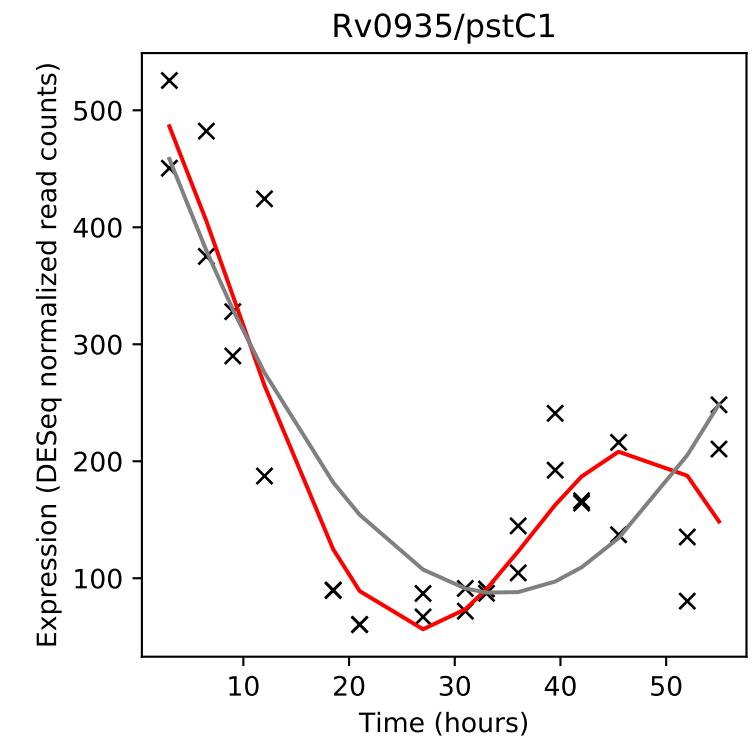

Rv0930/pstA1
Expression (DESeq normalized read counts)
Time (hours)

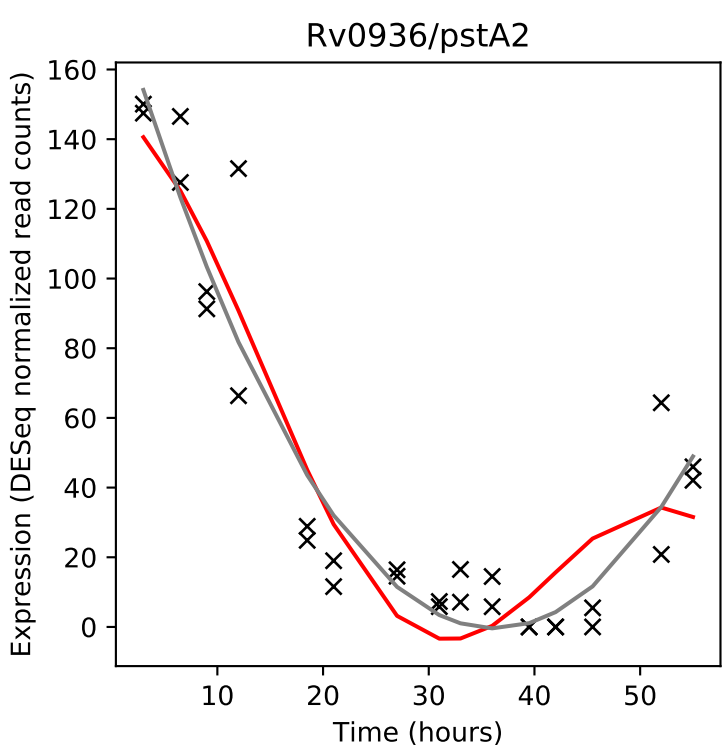

Rv0931c/pknD
Expression (DESeq normalized read counts)
Time (hours)

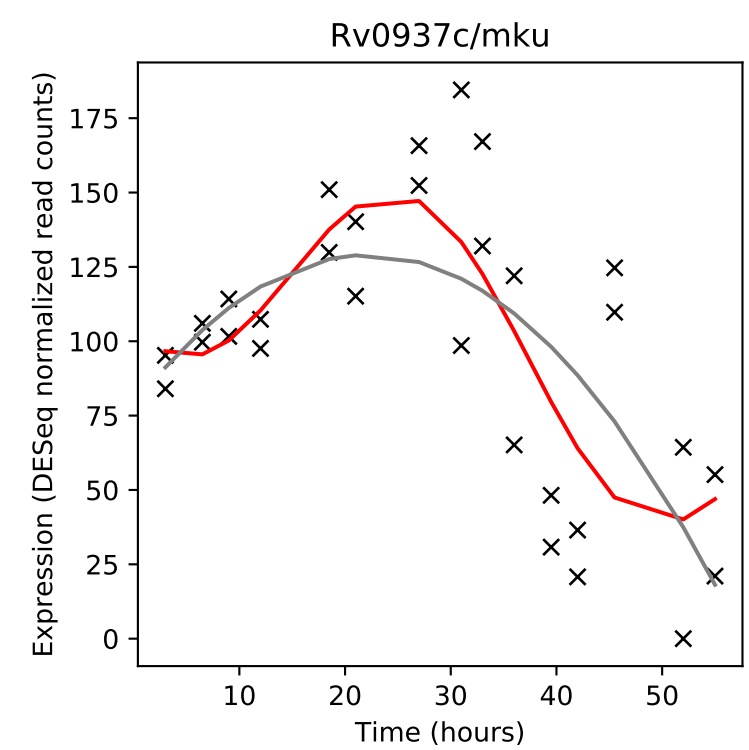

Rv0932c/pstS2
Expression (DESeq normalized read counts)
Time (hours)

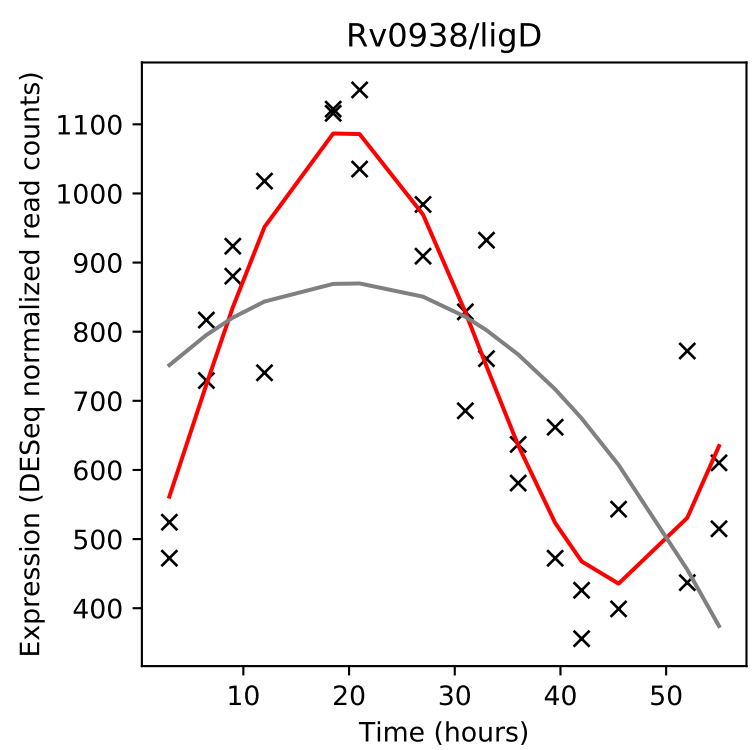

Rv0933/pstB
Expression (DESeq normalized read counts)
Time (hours)

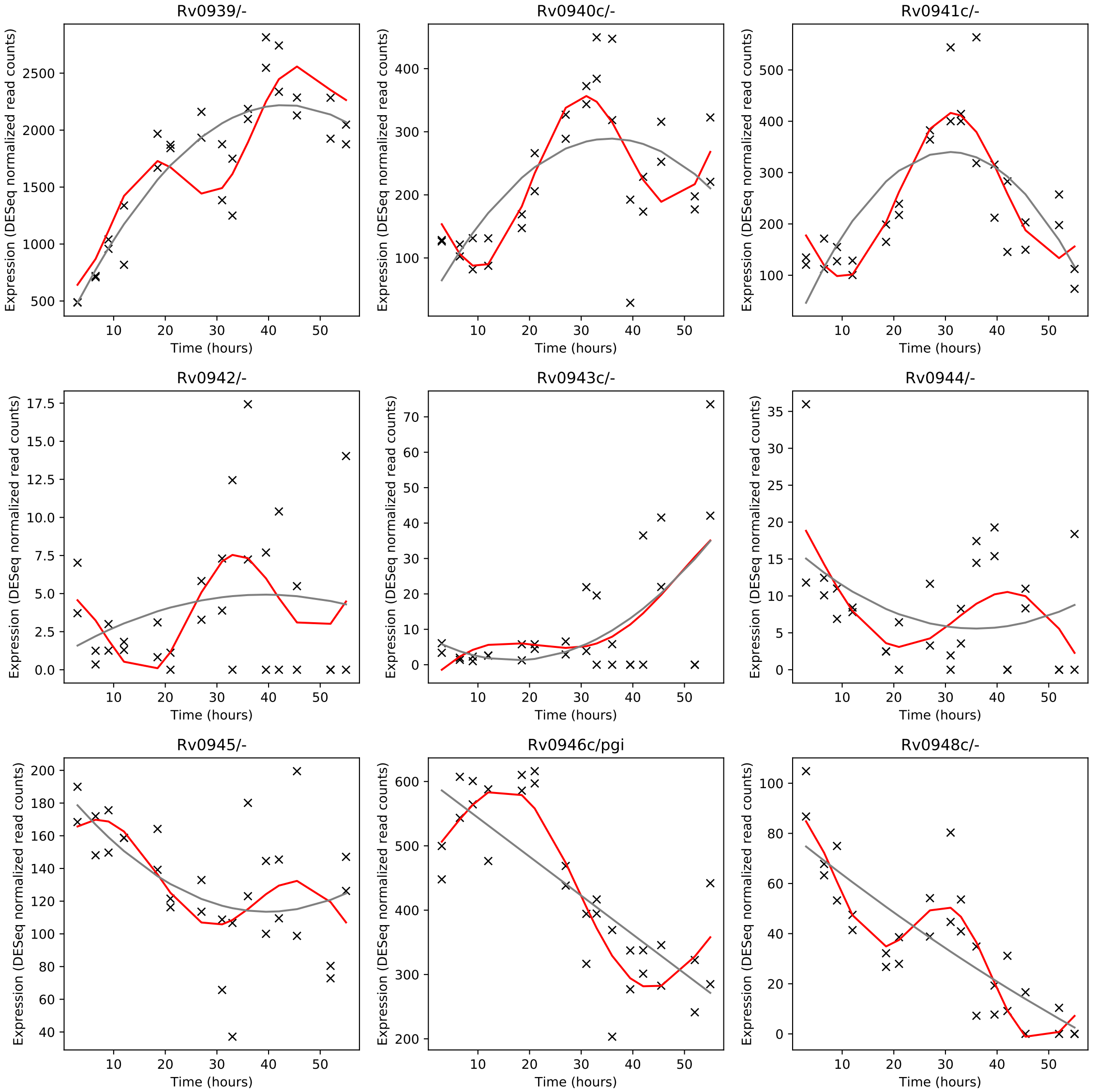

Rv0934/pstS1
Expression (DESeq normalized read counts)
Time (hours)

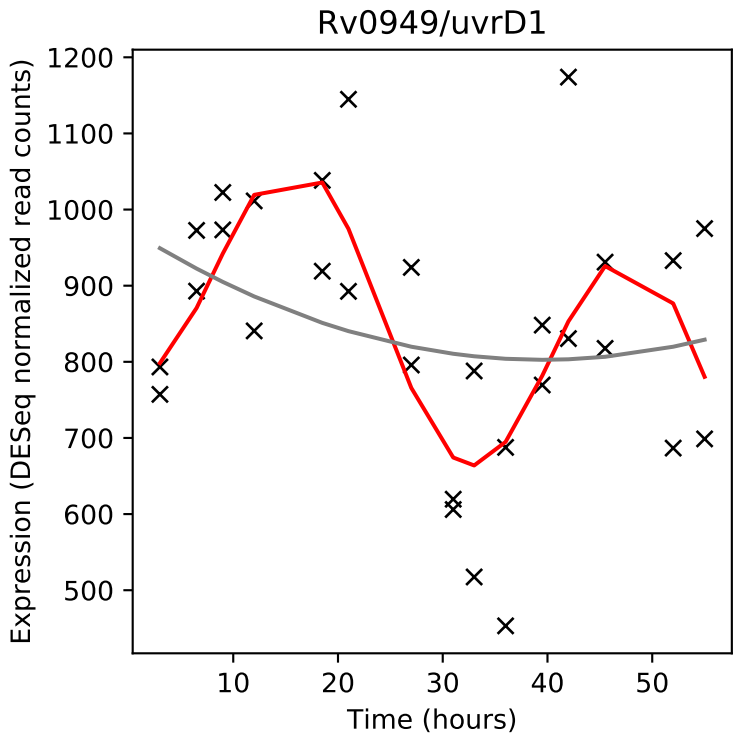

Rv0935/pstC1
Expression (DESeq normalized read counts)
Time (hours)

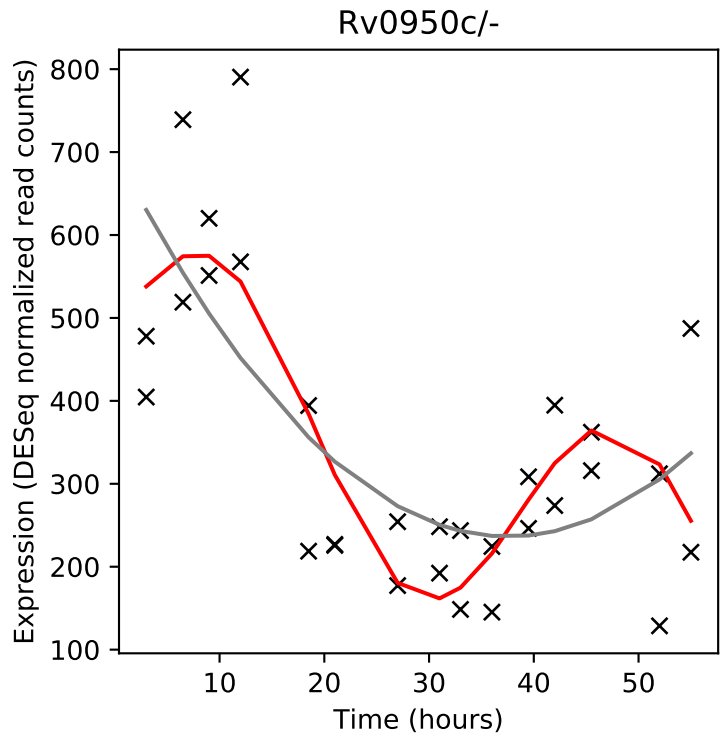

Rv0936/pstA2
Expression (DESeq normalized read counts)
Time (hours)

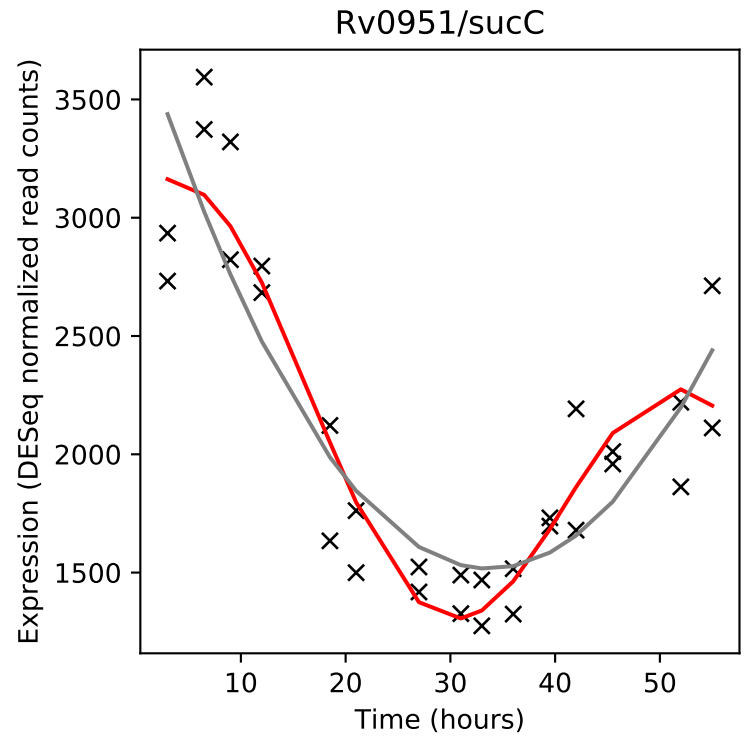

Rv0937c/mku
Expression (DESeq normalized read counts)
Time (hours)

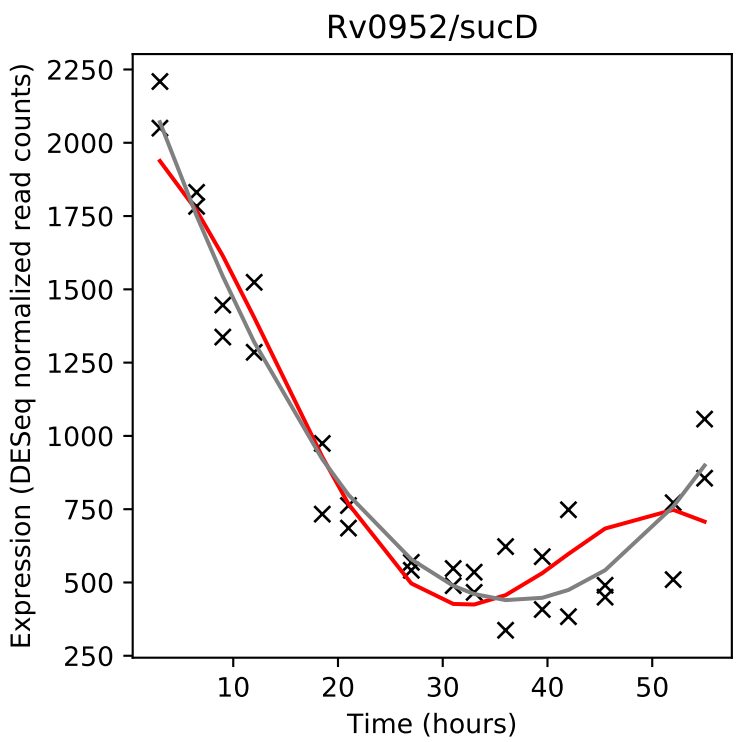

Rv0938/ligD
Expression (DESeq normalized read counts)
Time (hours)

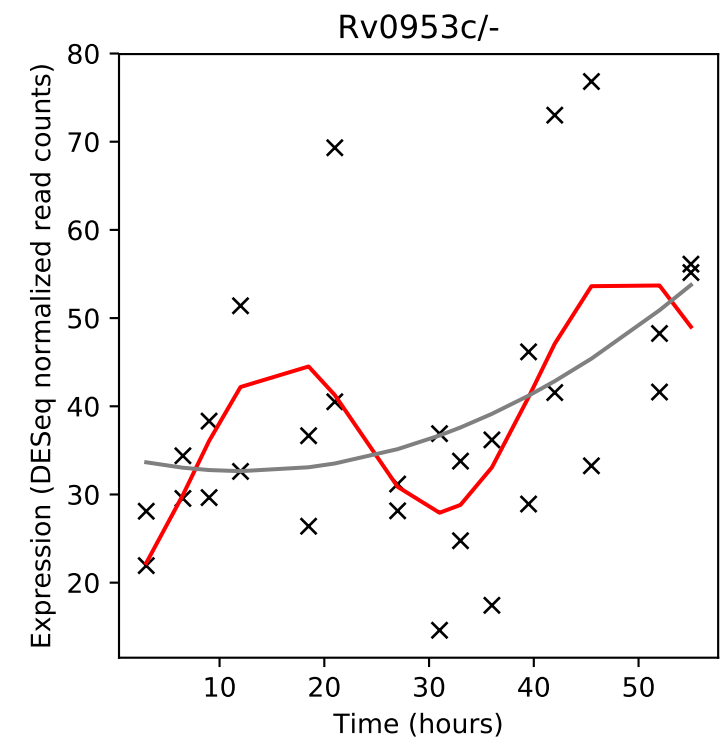

Rv0939/-
Rv0940c/-
Rv0941c/-
Rv0942/-
Rv0943c/-
Rv0944/-
Rv0945/-
Rv0946c/pgi
Rv0948c/-
Expression (DESeq normalized read counts)
Time (hours)

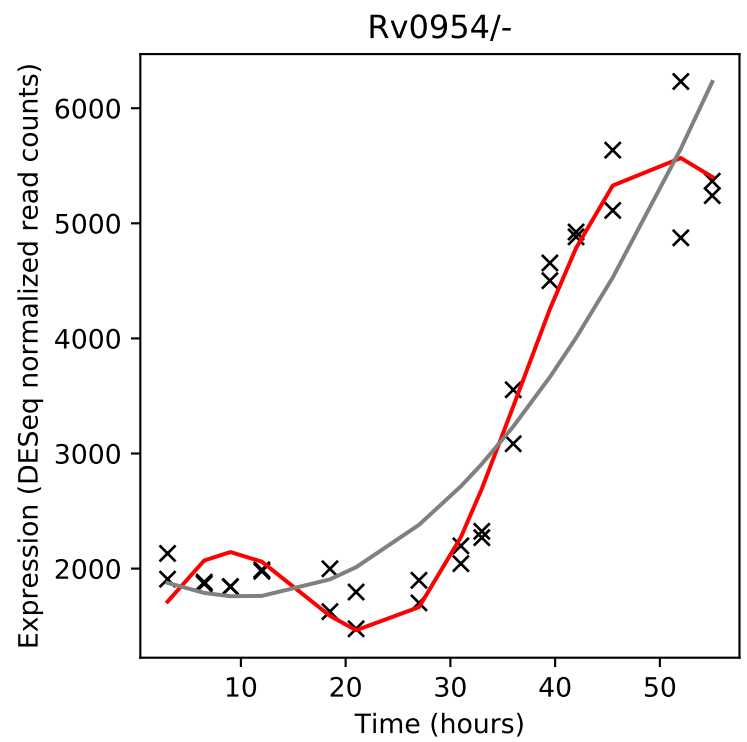

Rv0949/uvrD1
Expression (DESeq normalized read counts)
Time (hours)

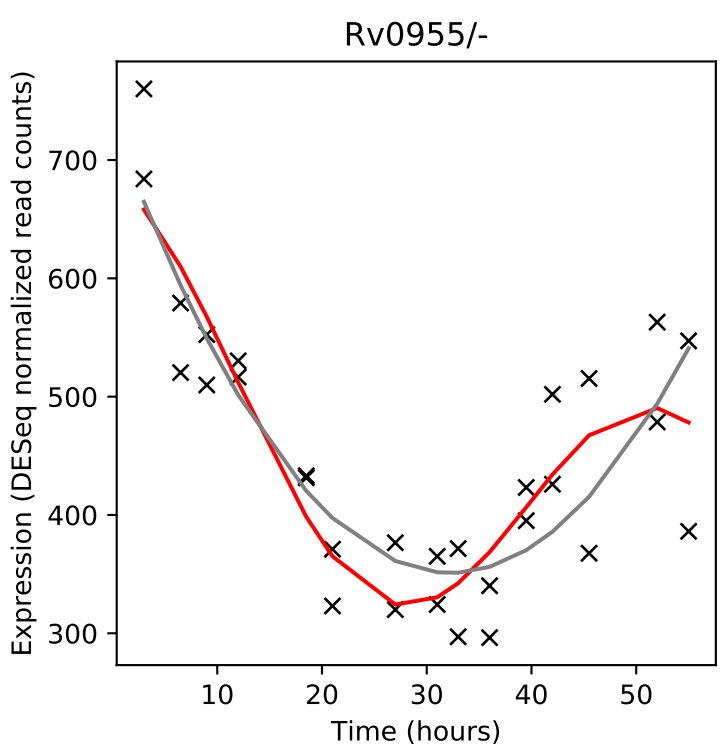

Rv0950c/-
Expression (DESeq normalized read counts)
Time (hours)

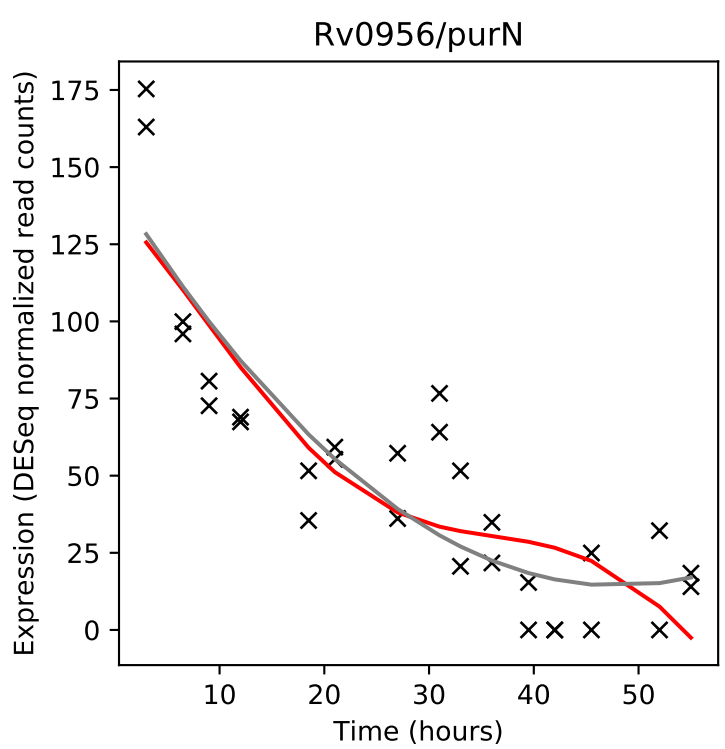

Rv0951/sucC
Expression (DESeq normalized read counts)
Time (hours)

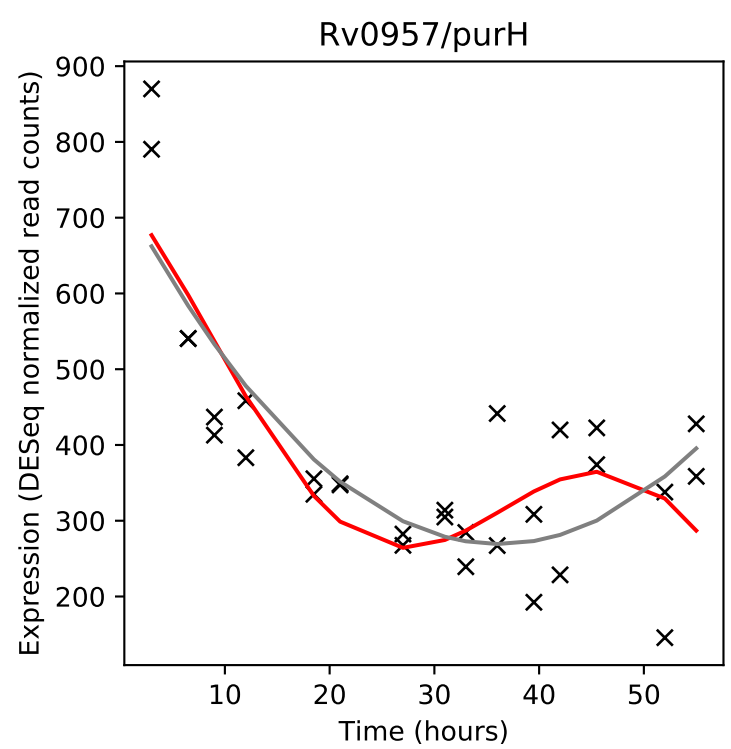

Rv0952/sucD
Expression (DESeq normalized read counts)
Time (hours)

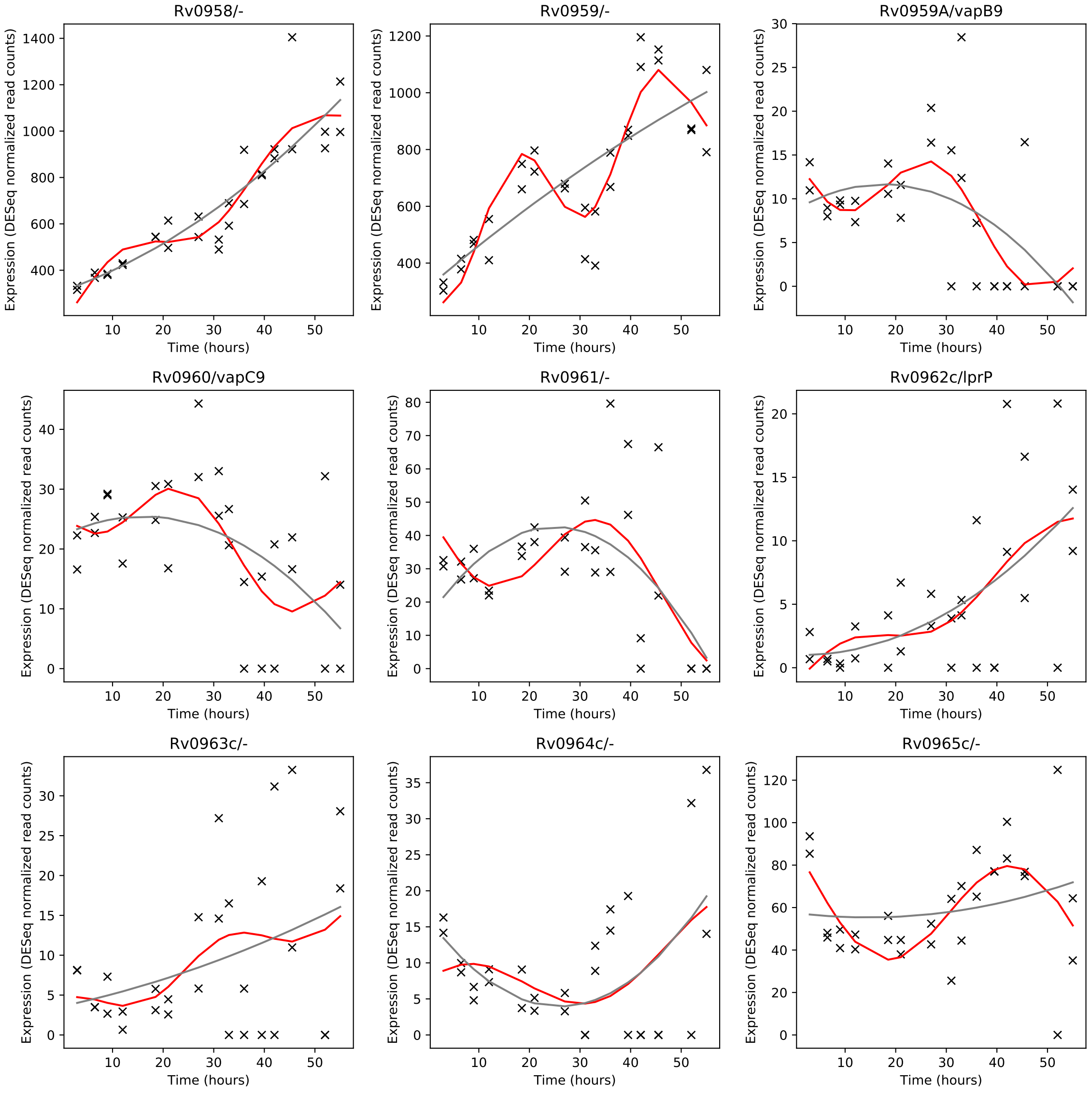

Rv0953c/-
Expression (DESeq normalized read counts)
Time (hours)

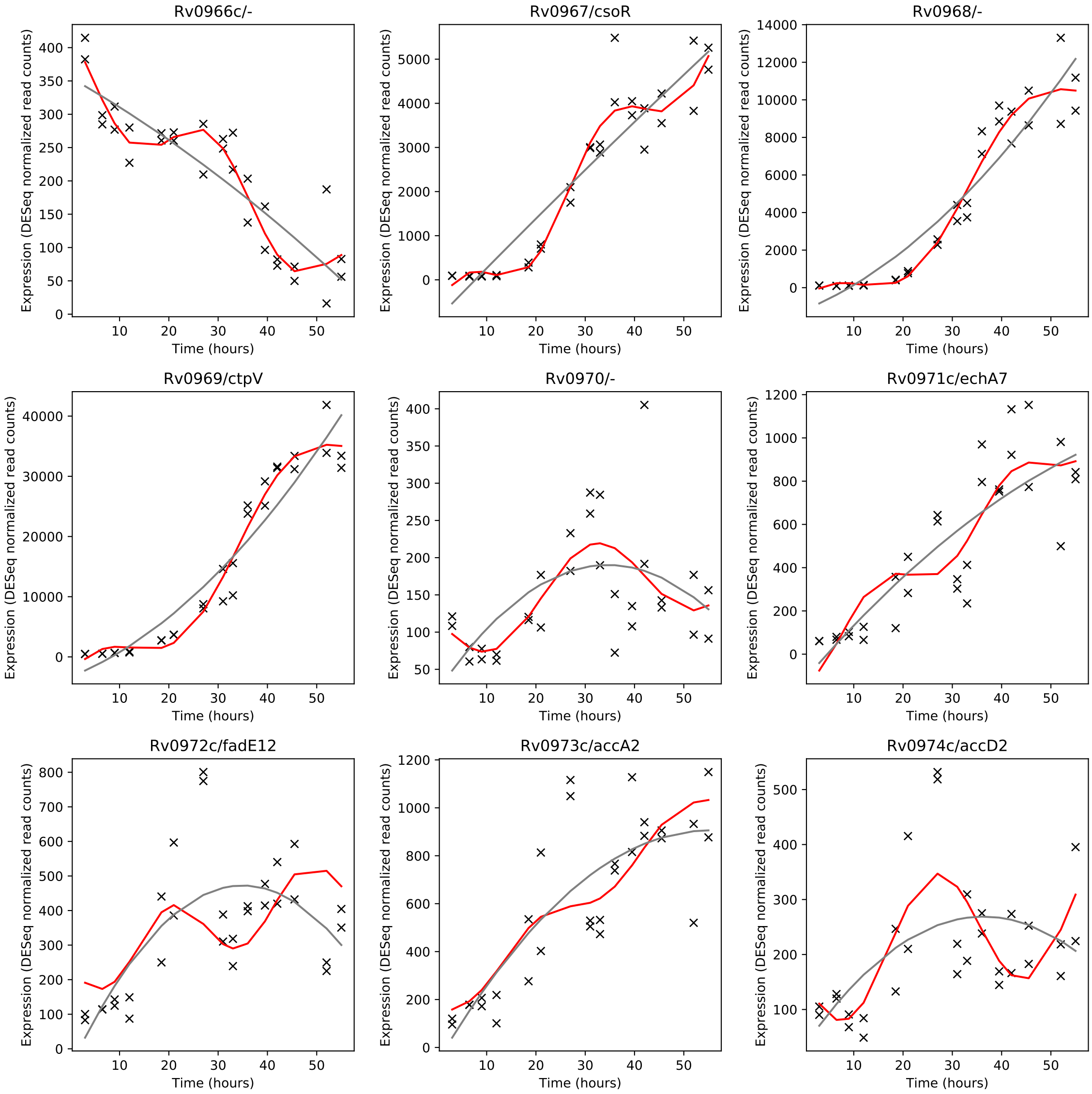

Rv0954/-
Expression (DESeq normalized read counts)
Time (hours)

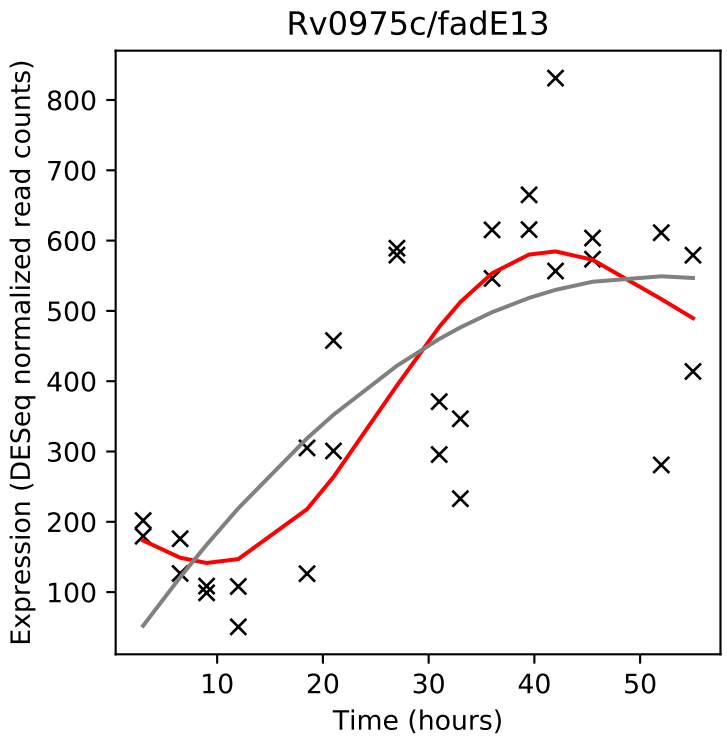

Rv0955/-
Expression (DESeq normalized read counts)
Time (hours)

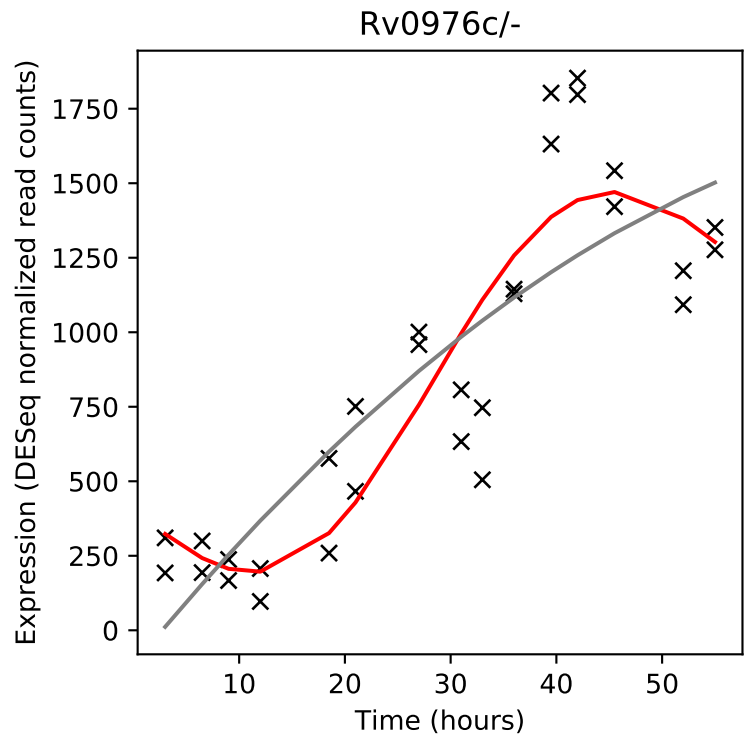

Rv0956/purN
Expression (DESeq normalized read counts)
Time (hours)

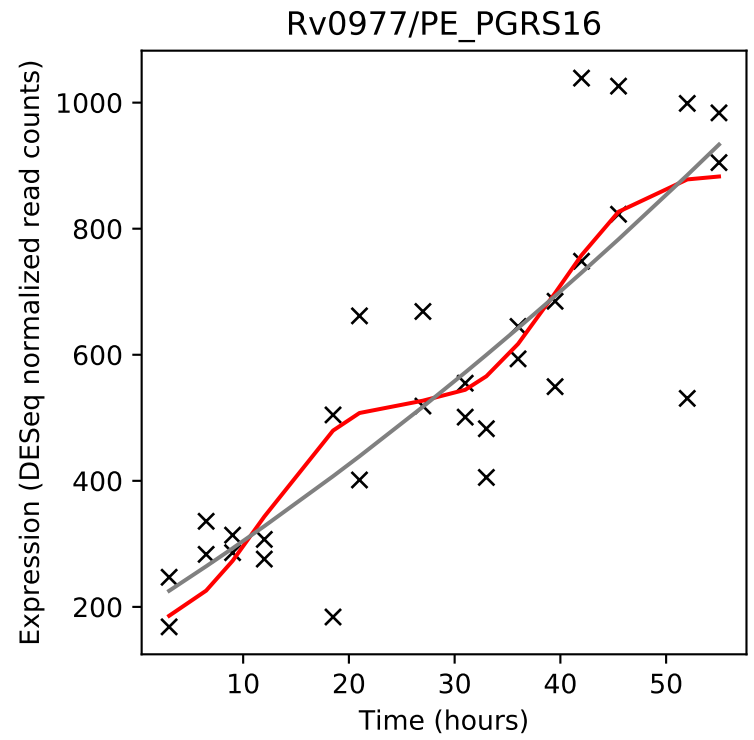

Rv0957/purH
Expression (DESeq normalized read counts)
Time (hours)

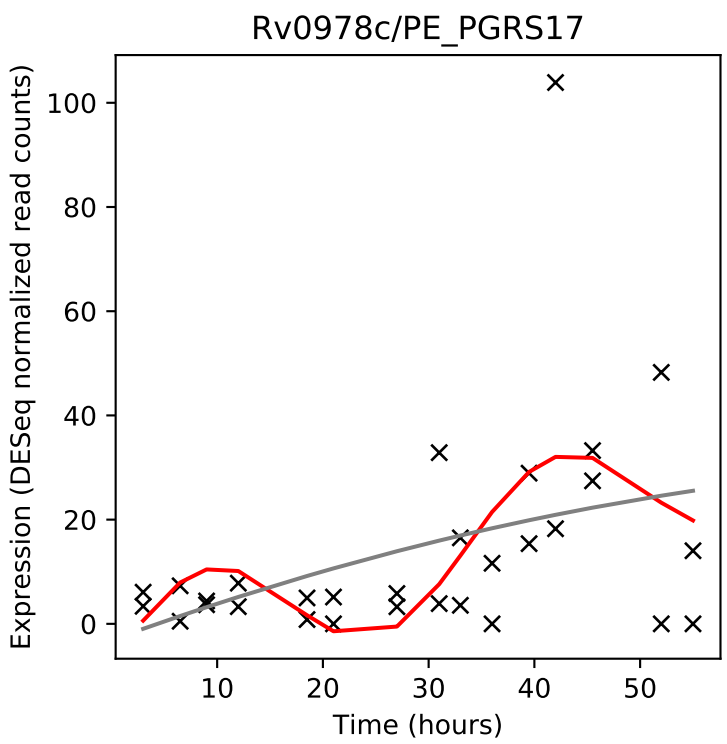

Rv0958/-
Rv0959/-
Rv0959A/vapB9
Rv0960/vapC9
Rv0961/-
Rv0962c/lprP
Rv0963c/-
Rv0964c/-
Rv0965c/-
Expression (DESeq normalized read counts)
Time (hours)

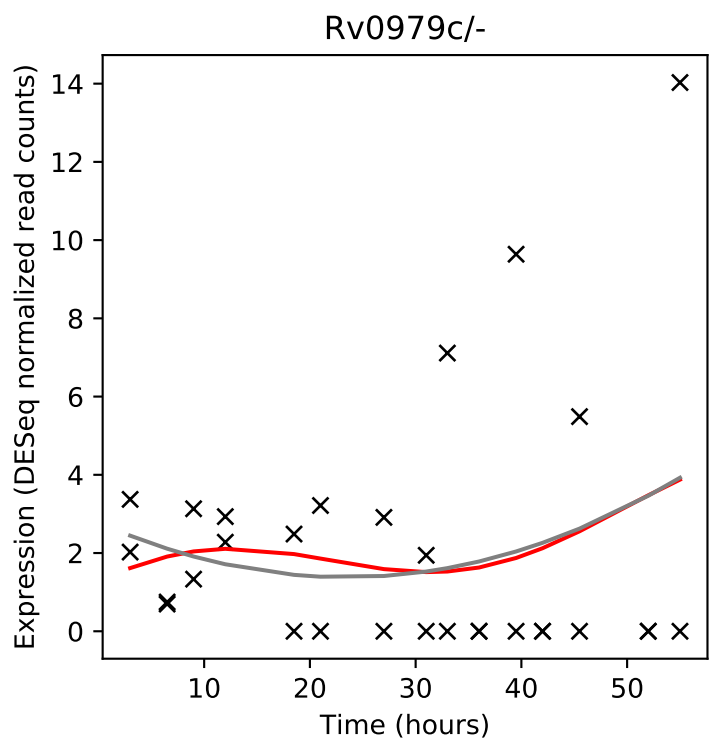

Rv0966c/-
Rv0967/csoR
Rv0968/-
Rv0969/ctpV
Rv0970/-
Rv0971c/echA7
Rv0972c/fadE12
Rv0973c/accA2
Rv0974c/accD2
Expression (DESeq normalized read counts)
Time (hours)

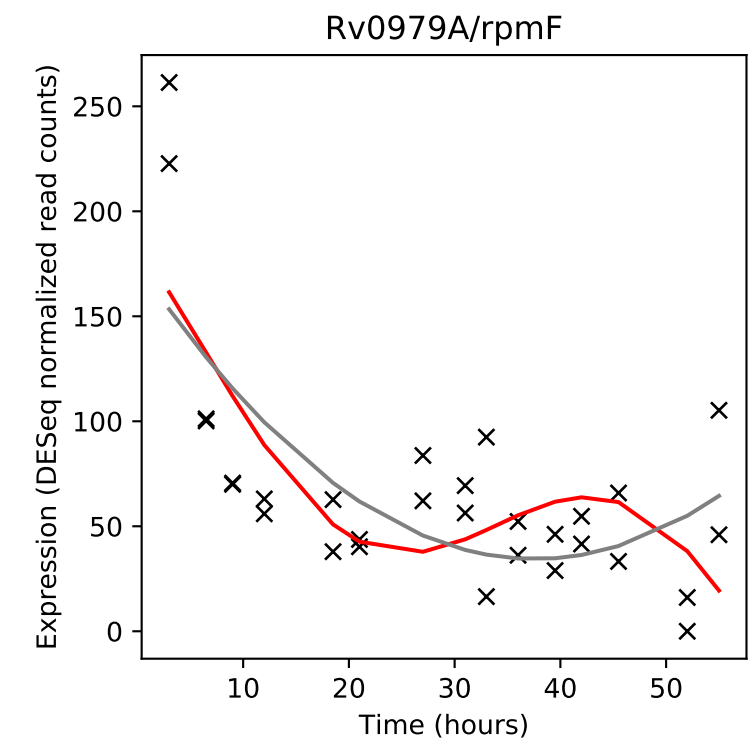

Rv0975c/fadE13
Expression (DESeq normalized read counts)
Time (hours)

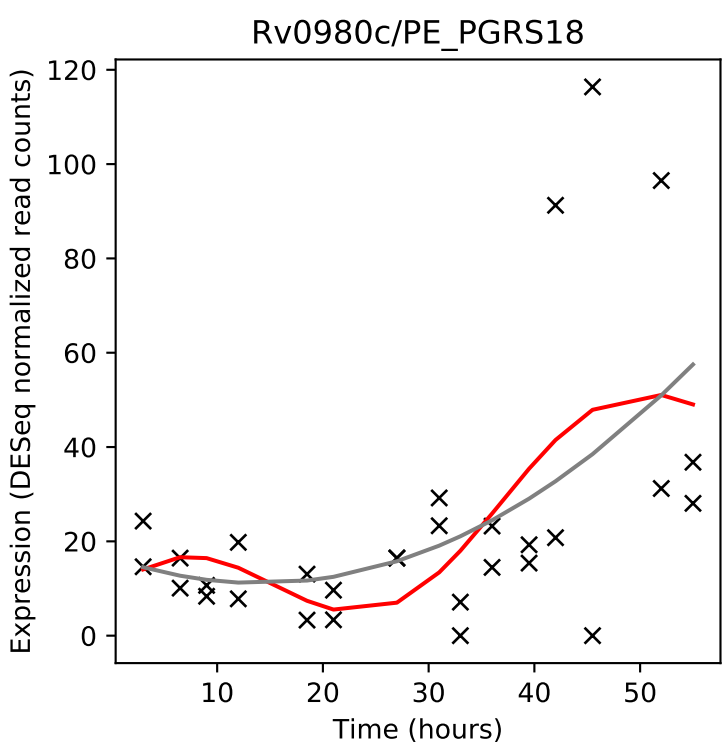

Rv0976c/-
Expression (DESeq normalized read counts)
Time (hours)

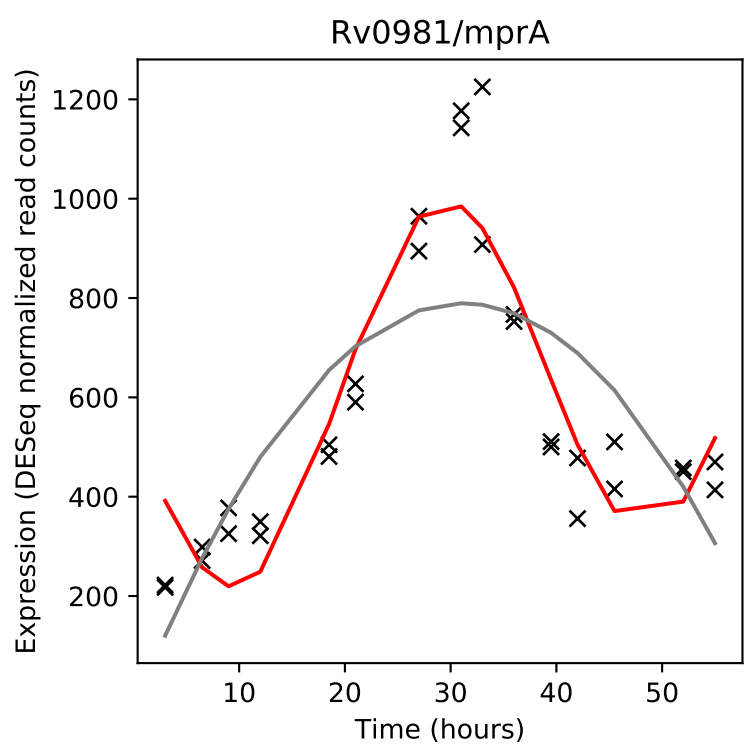

Rv0977/PE_PGRS16
Expression (DESeq normalized read counts)
Time (hours)

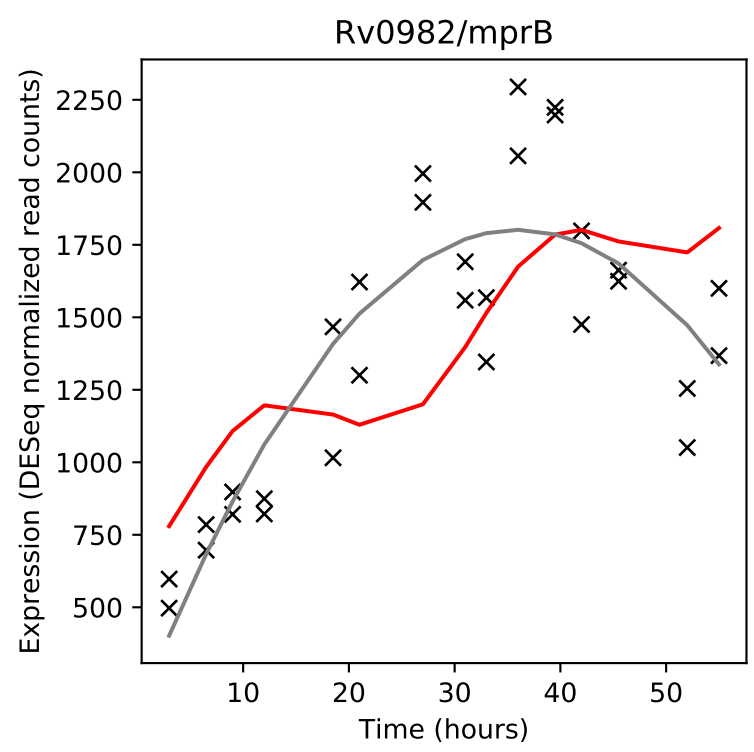

Rv0978c/PE_PGRS17
Expression (DESeq normalized read counts)
Time (hours)

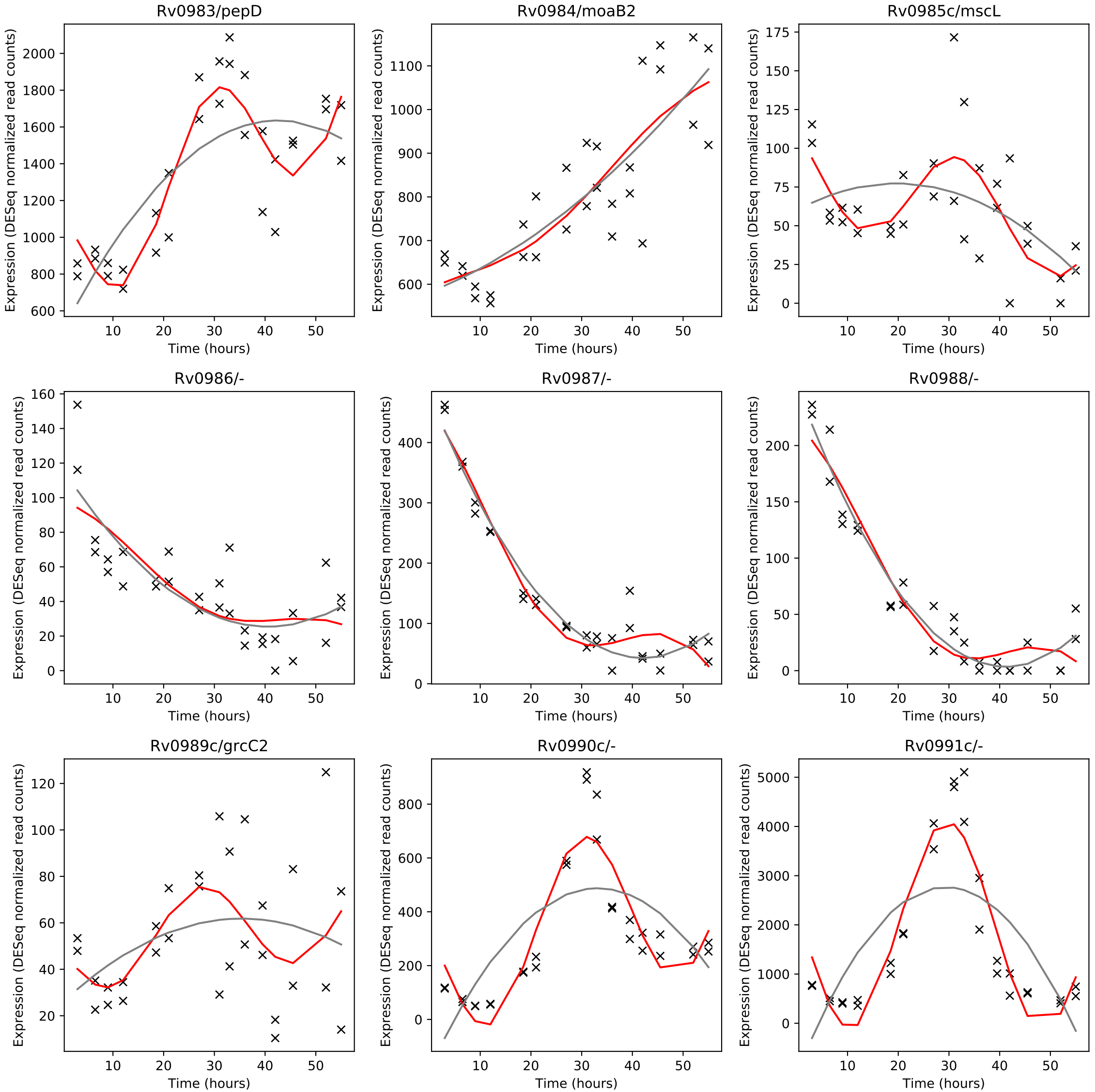

Rv0979c/-
Expression (DESeq normalized read counts)
Time (hours)

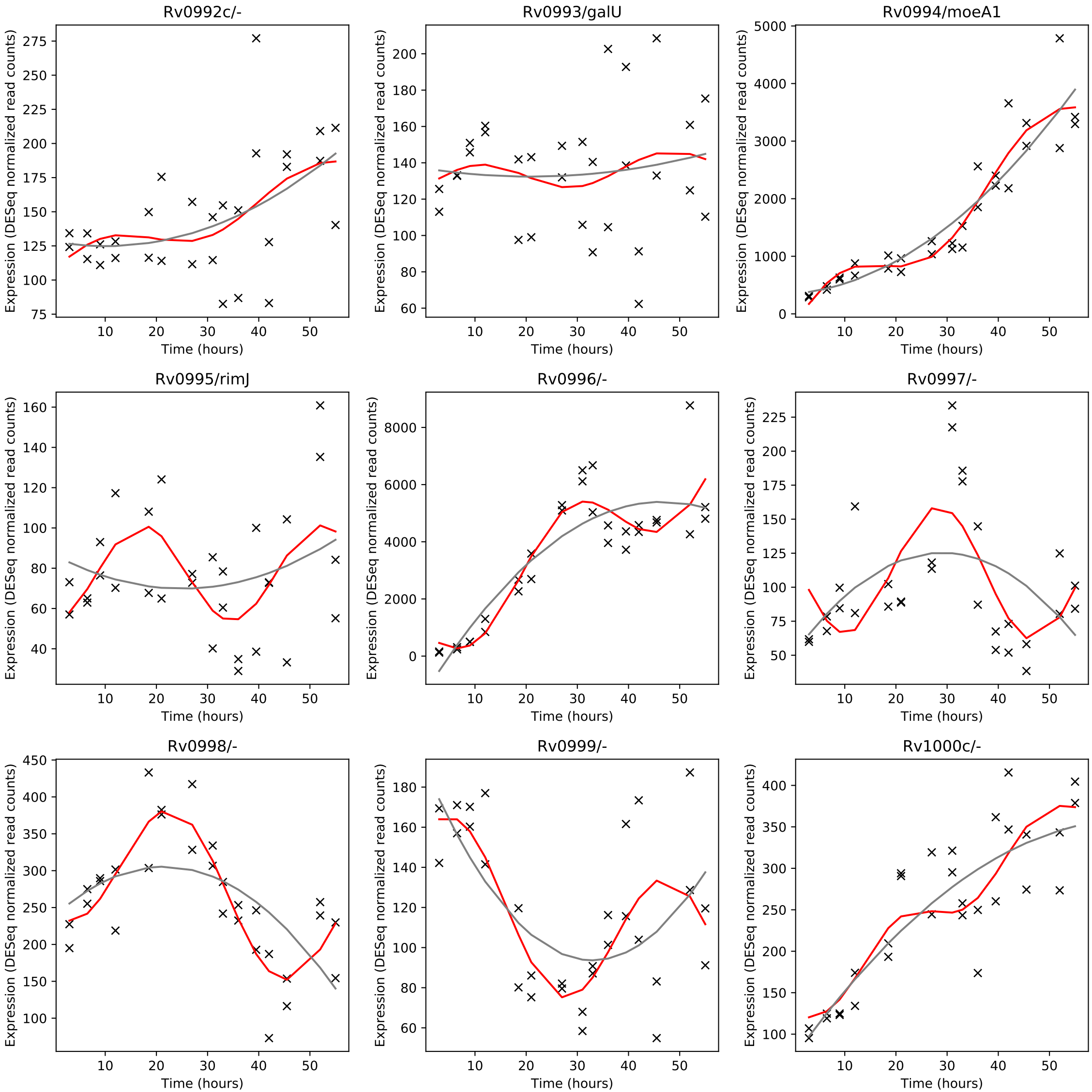

Rv0979A/rpmF
Expression (DESeq normalized read counts)
Time (hours)

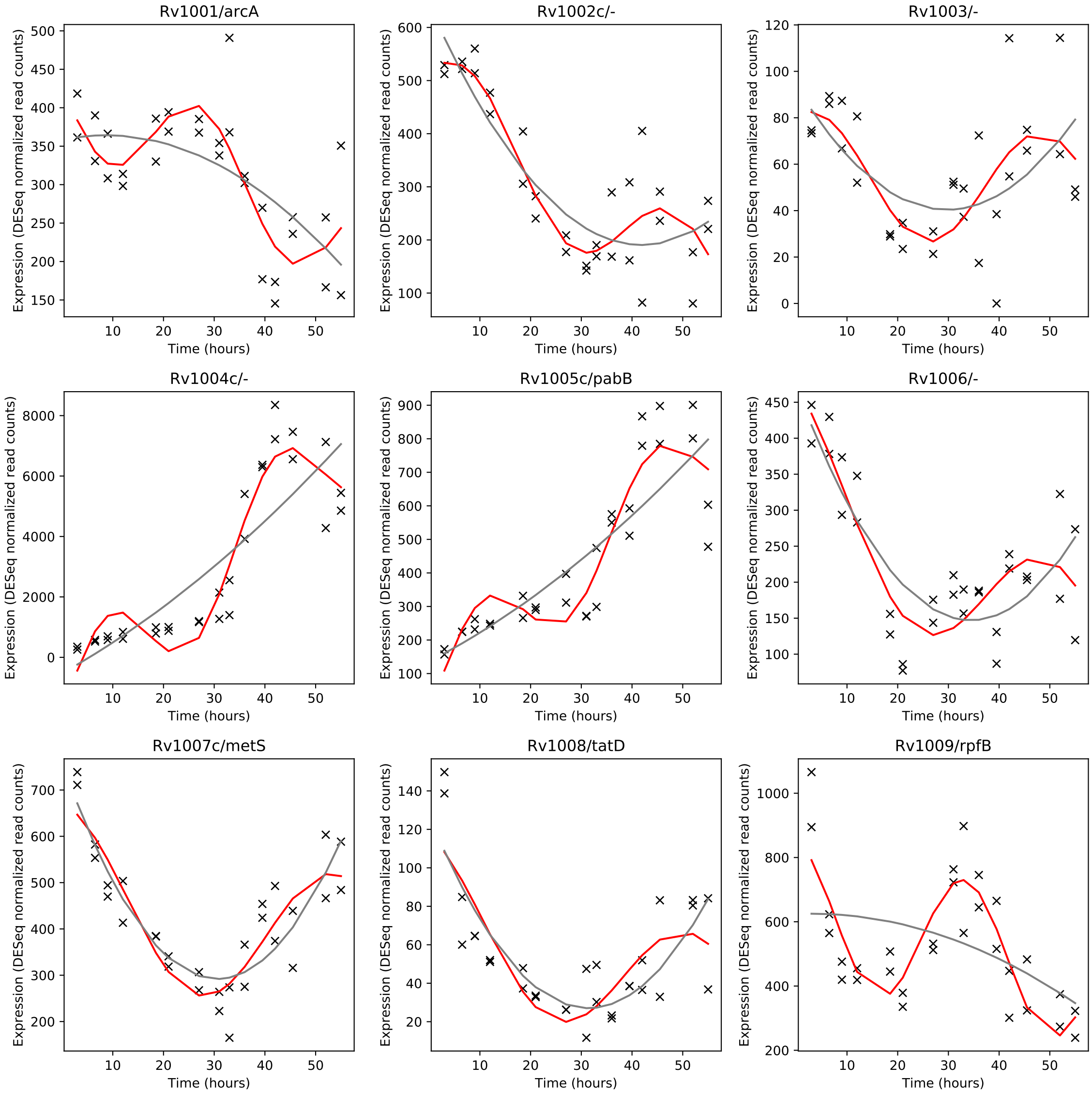

Rv0980c/PE_PGRS18
Expression (DESeq normalized read counts)
Time (hours)

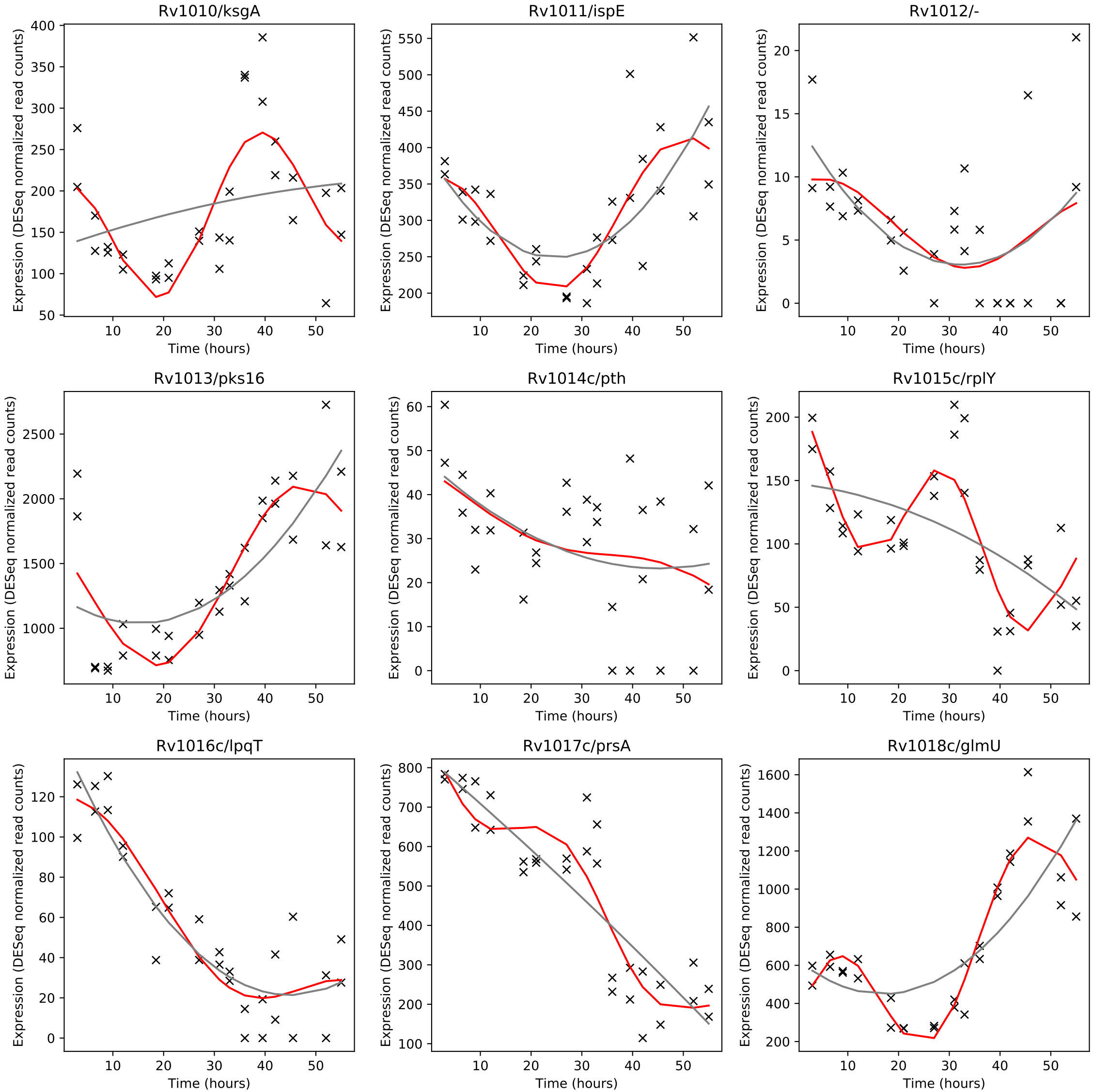

Rv0981/mprA
Expression (DESeq normalized read counts)
Time (hours)

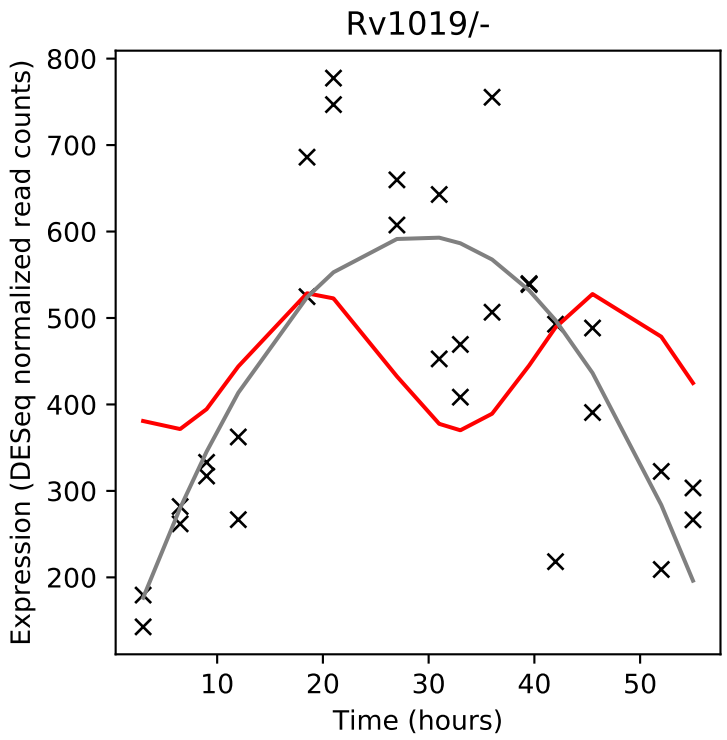

Rv0982/mprB
Expression (DESeq normalized read counts)
Time (hours)

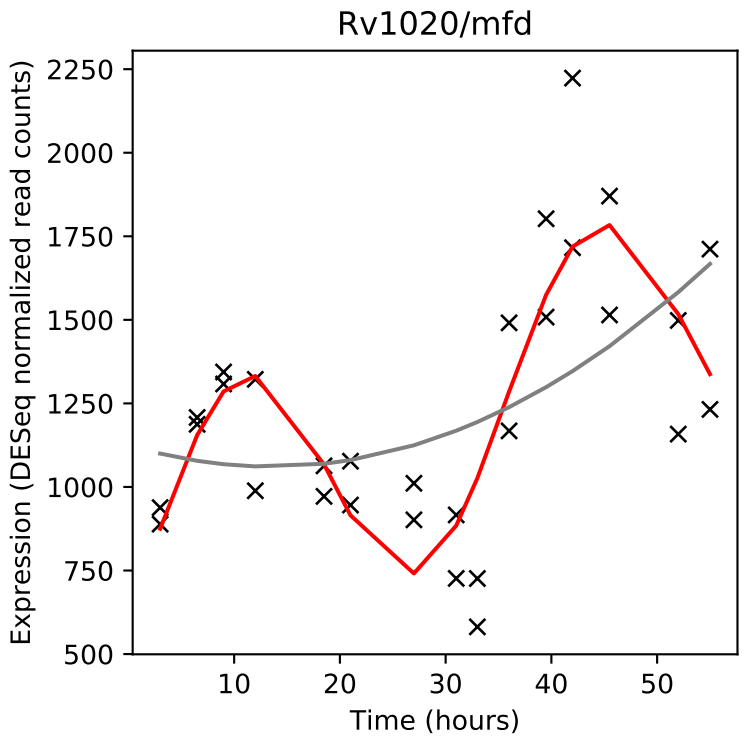

Rv0983/pepD
Rv0984/moaB2
Rv0985c/mscL
Rv0986/-
Rv0987/-
Rv0988/-
Rv0989c/grcC2
Rv0990c/-
Rv0991c/-
Expression (DESeq normalized read counts)
Time (hours)

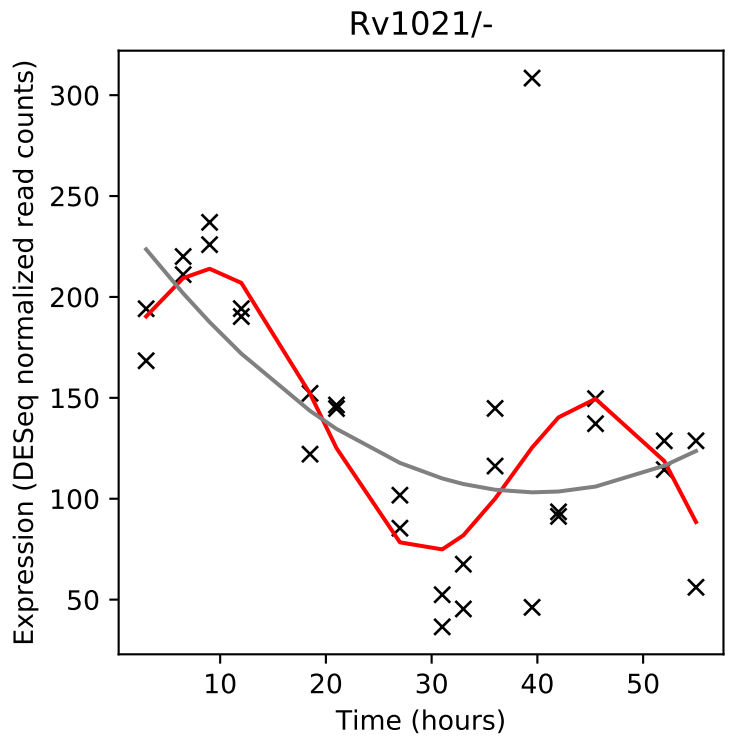

Rv0992c/-
Rv0993/galU
Rv0994/moeA1
Rv0995/rimJ
Rv0996/-
Rv0997/-
Rv0998/-
Rv0999/-
Rv1000c/-
Expression (DESeq normalized read counts)
Time (hours)

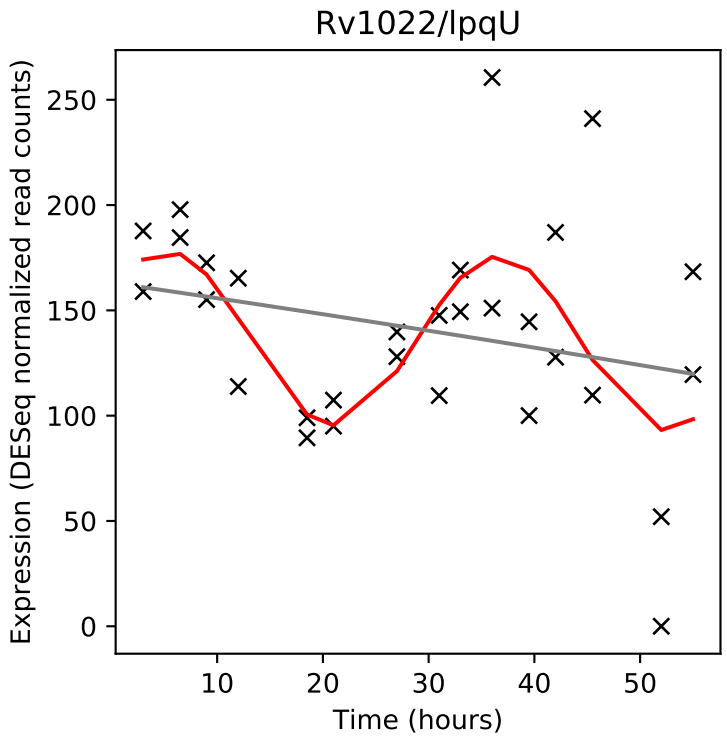

Rv1001/arcA
Rv1002c/-
Rv1003/-
Rv1004c/-
Rv1005c/pabB
Rv1006/-
Rv1007c/metS
Rv1008/tatD
Rv1009/rpfB
Expression (DESeq normalized read counts)
Time (hours)

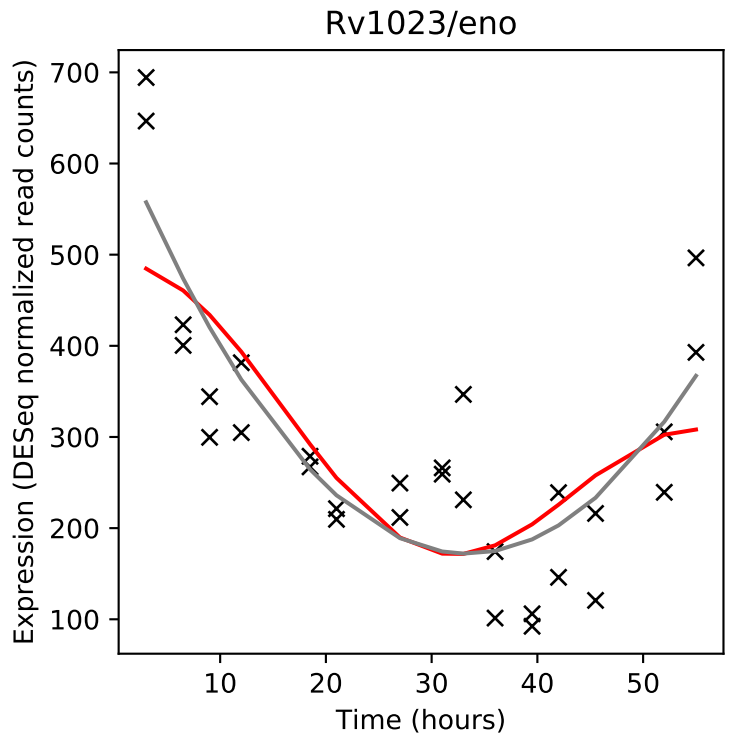

Rv1010/ksgA
Rv1011/ispE
Rv1012/-
Rv1013/pks16
Rv1014c/pth
Rv1015c/rplY
Rv1016c/lpqT
Rv1017c/prsA
Rv1018c/glmU
Expression (DESeq normalized read counts)
Time (hours)

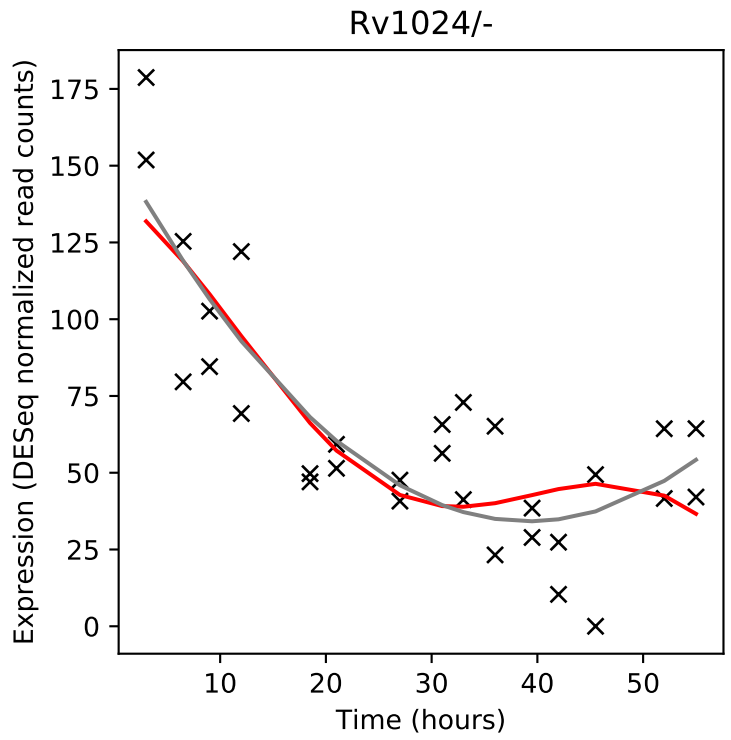

Rv1019/-
Expression (DESeq normalized read counts)
Time (hours)

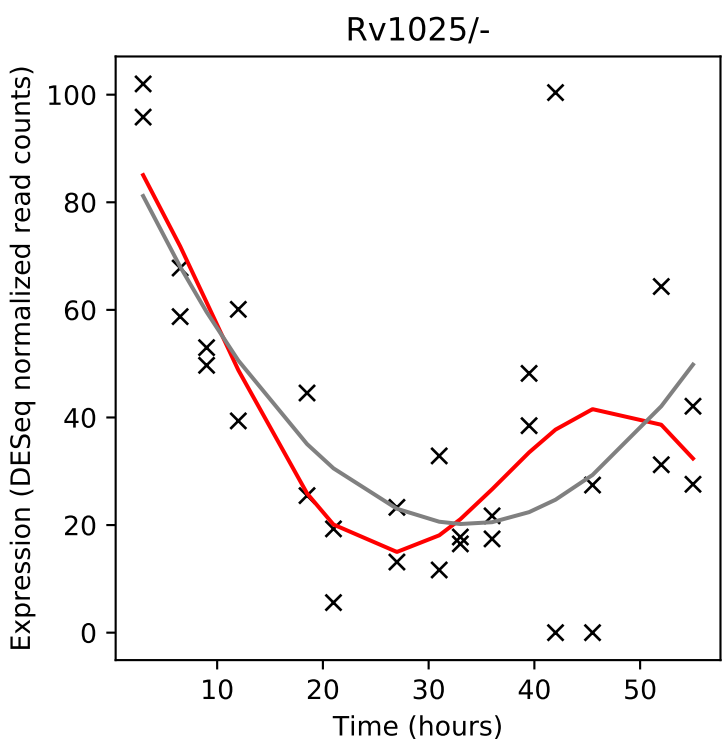

Rv1020/mfd
Expression (DESeq normalized read counts)
Time (hours)

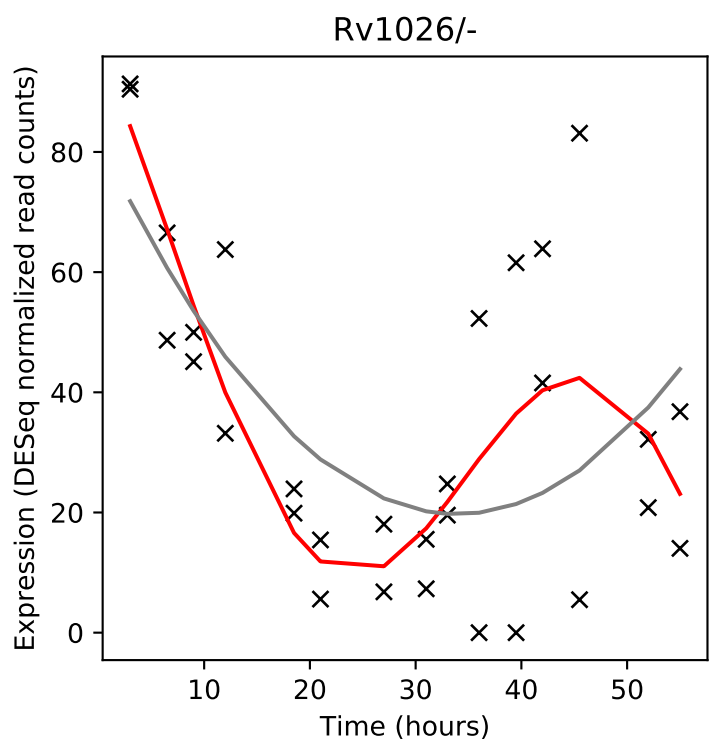

Rv1021/-
Expression (DESeq normalized read counts)
Time (hours)

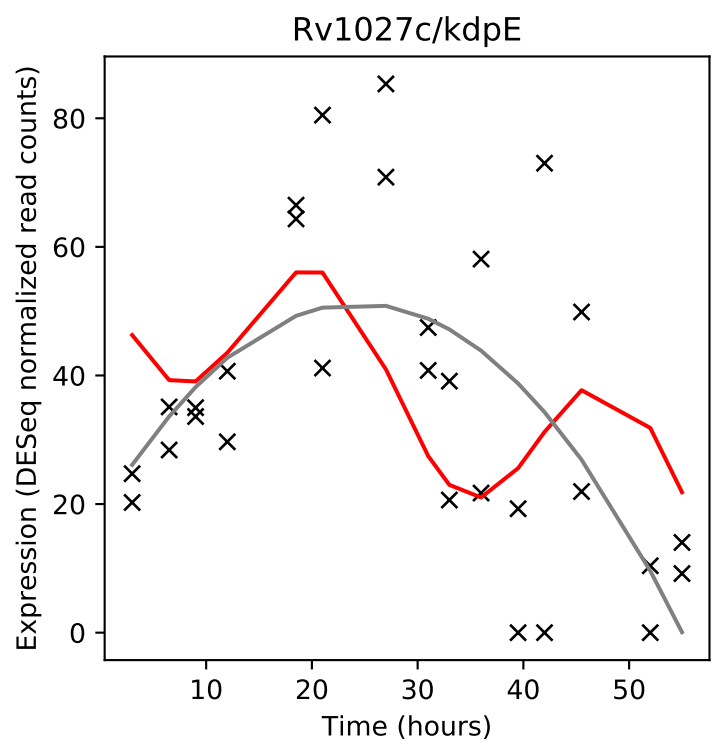

Rv1022/lpqU
Expression (DESeq normalized read counts)
Time (hours)

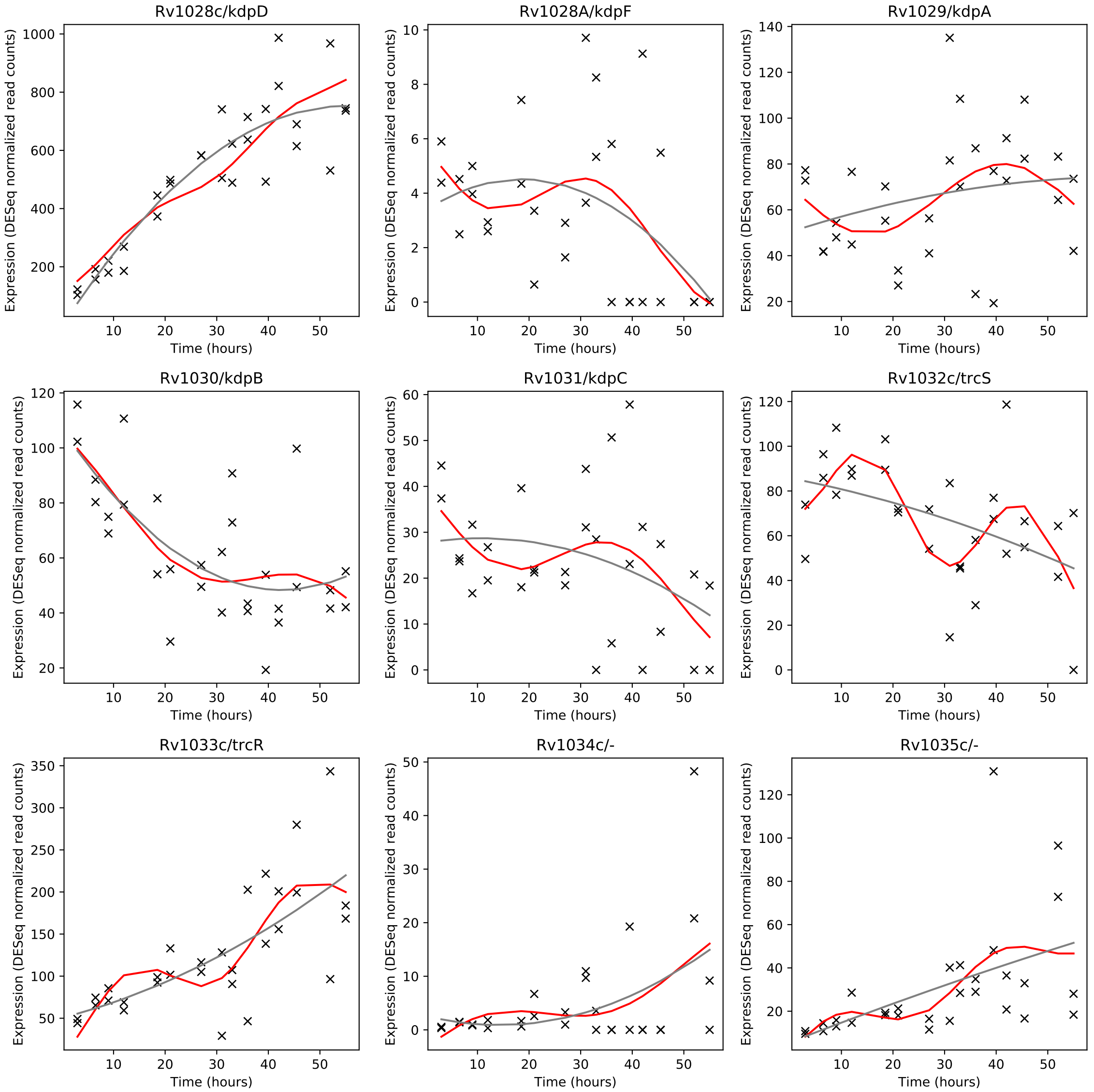

Rv1023/eno
Expression (DESeq normalized read counts)
Time (hours)

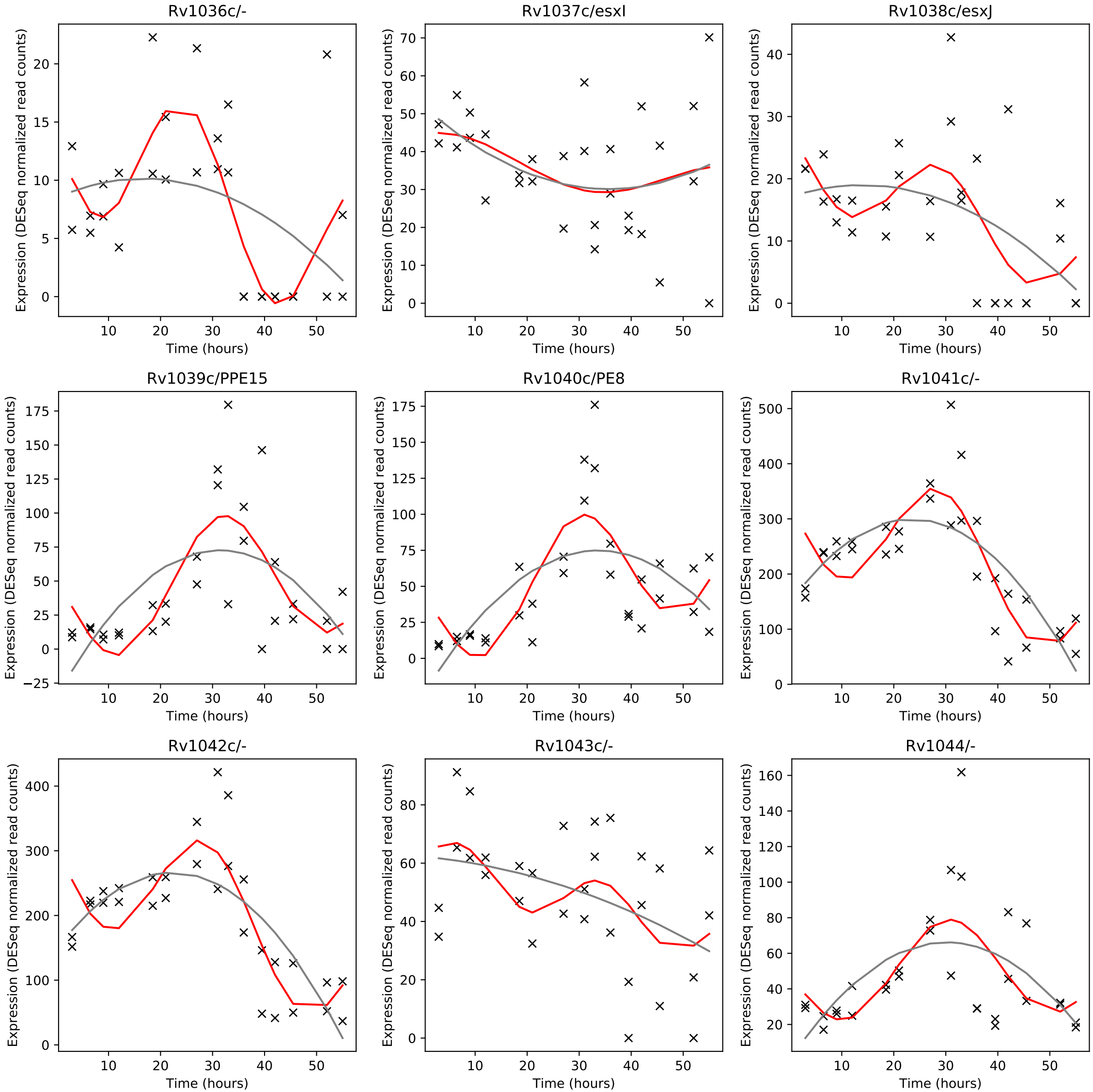

Rv1024/-
Expression (DESeq normalized read counts)
Time (hours)

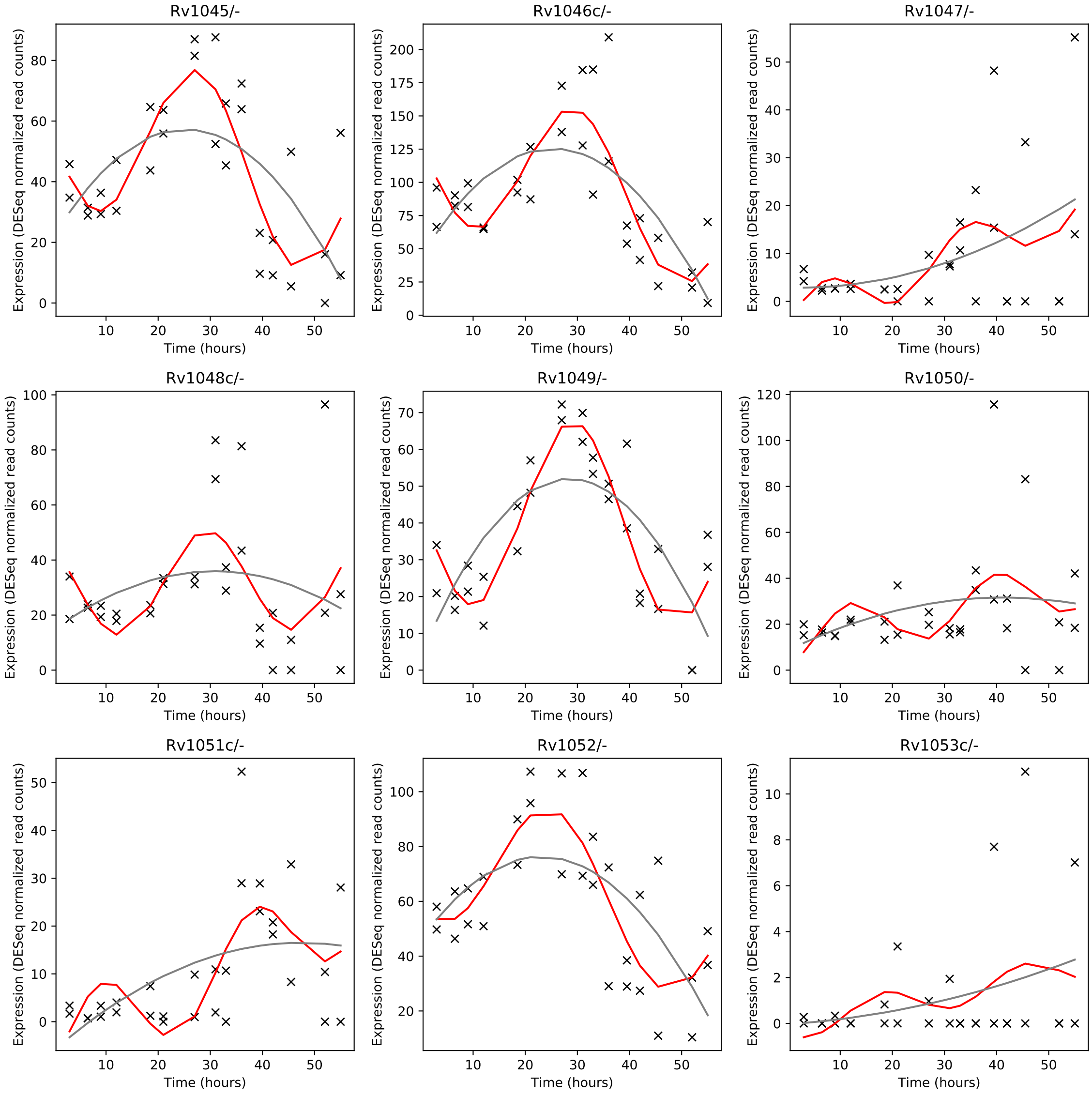

Rv1025/-
Expression (DESeq normalized read counts)
Time (hours)

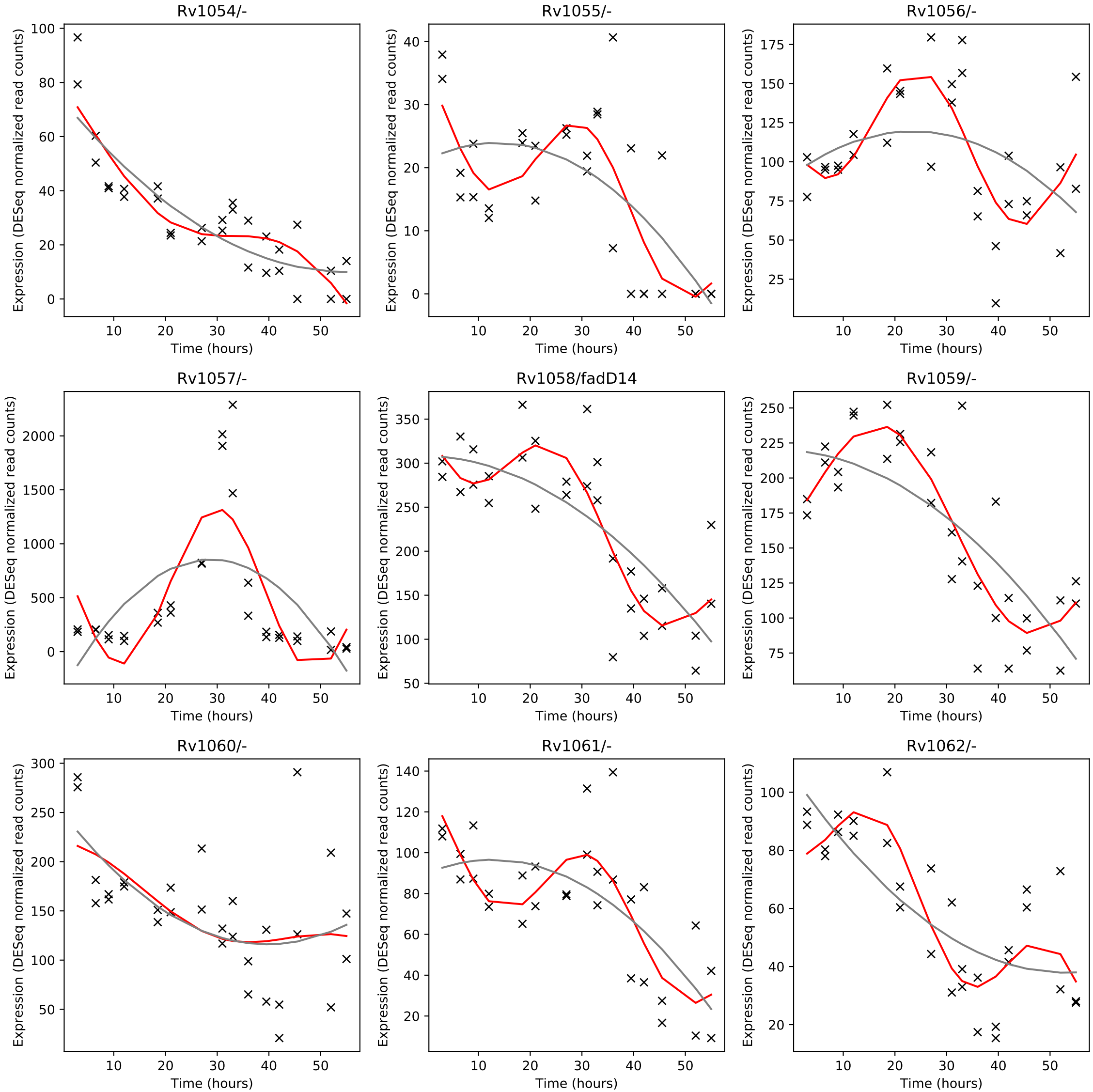

Rv1026/-
Expression (DESeq normalized read counts)
Time (hours)

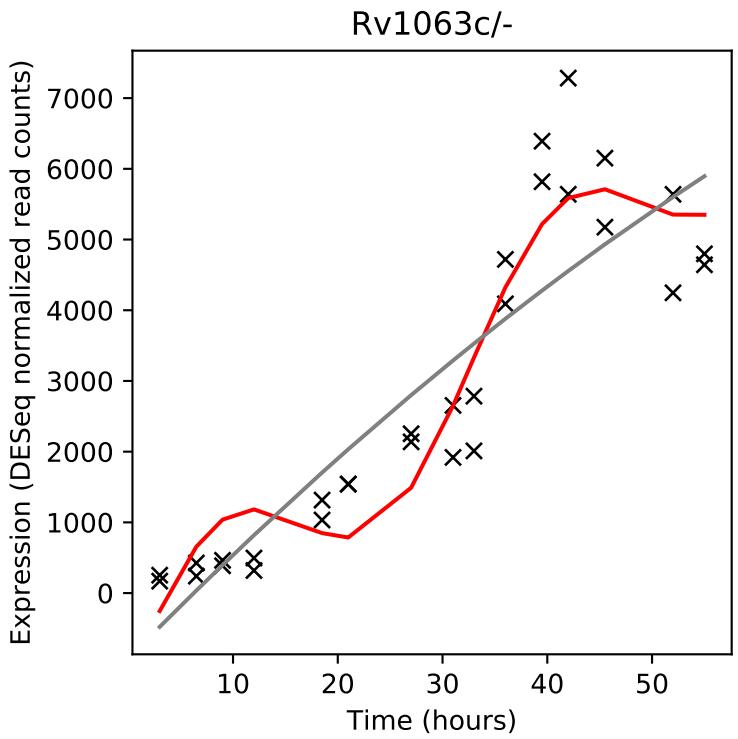

Rv1027c/kdpE
Expression (DESeq normalized read counts)
Time (hours)

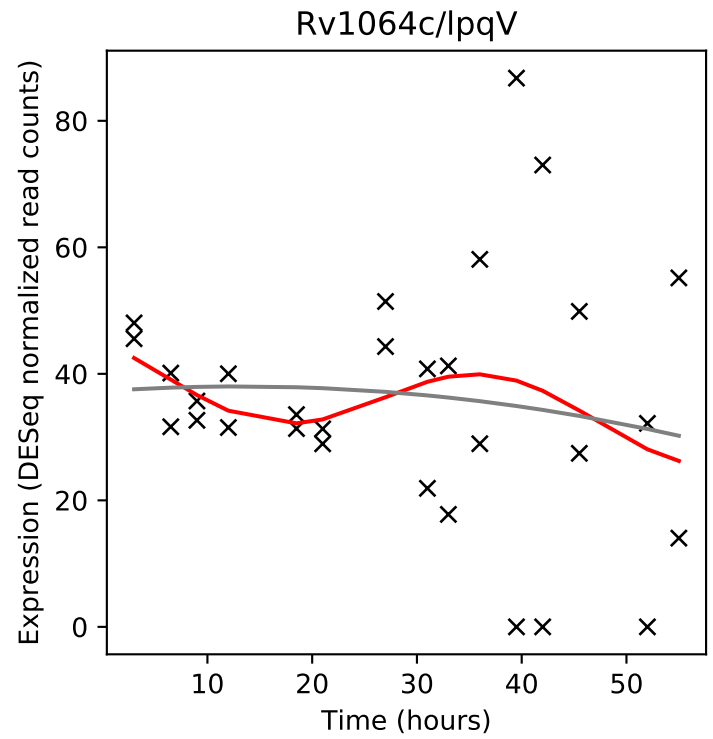

Rv1028c/kdpD
Rv1028A/kdpF
Rv1029/kdpA
Rv1030/kdpB
Rv1031/kdpC
Rv1032c/trcS
Rv1033c/trcR
Rv1034c/-
Rv1035c/-
Expression (DESeq normalized read counts)
Time (hours)

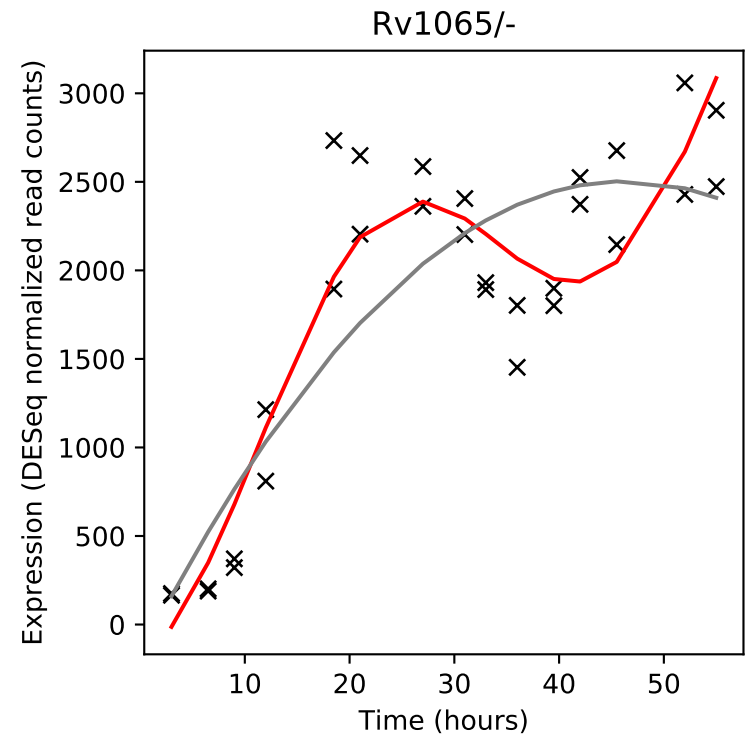

Rv1036c/-
Rv1037c/esxI
Rv1038c/esxJ
Rv1039c/PPE15
Rv1040c/PE8
Rv1041c/-
Rv1042c/-
Rv1043c/-
Rv1044/-
Expression (DESeq normalized read counts)
Time (hours)

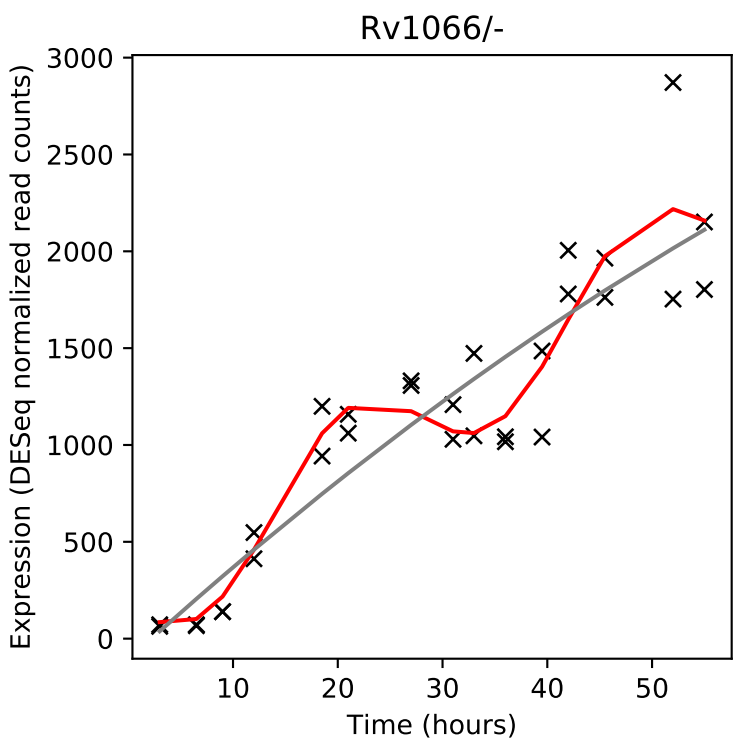

Rv1045/-
Rv1046c/-
Rv1047/-
Rv1048c/-
Rv1049/-
Rv1050/-
Rv1051c/-
Rv1052/-
Rv1053c/-
Expression (DESeq normalized read counts)
Time (hours)

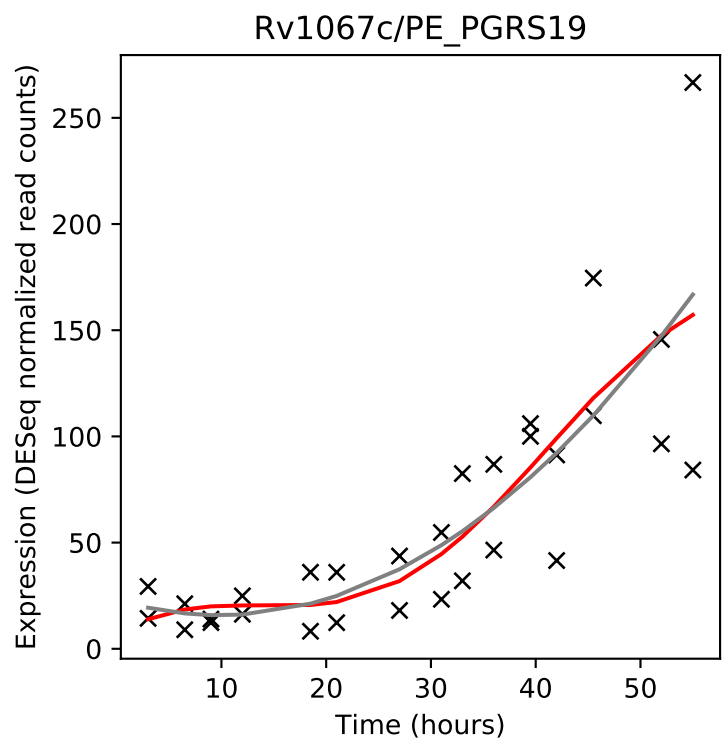

Rv1054/-
Rv1055/-
Rv1056/-
Rv1057/-
Rv1058/fadD14
Rv1059/-
Rv1060/-
Rv1061/-
Rv1062/-
Expression (DESeq normalized read counts)
Time (hours)

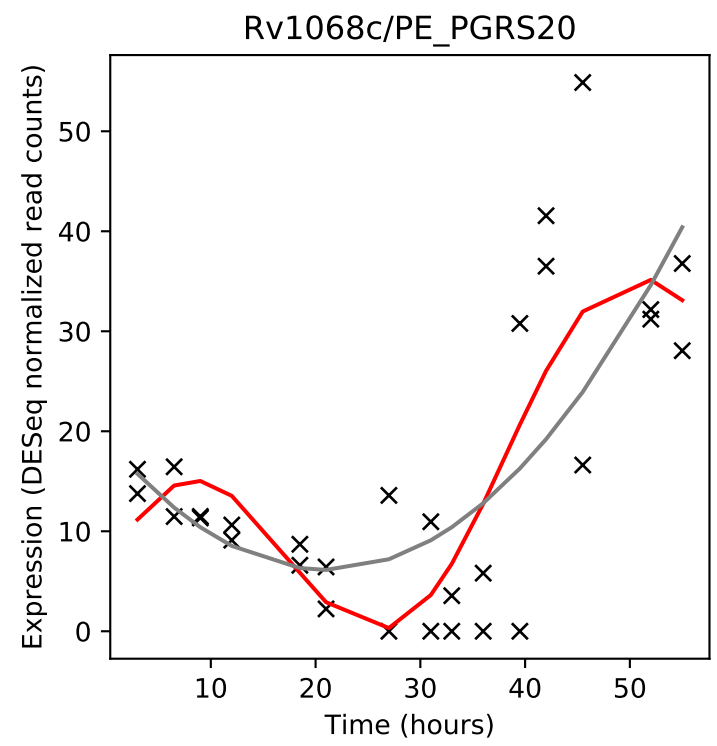

Rv1063c/-
Expression (DESeq normalized read counts)
Time (hours)

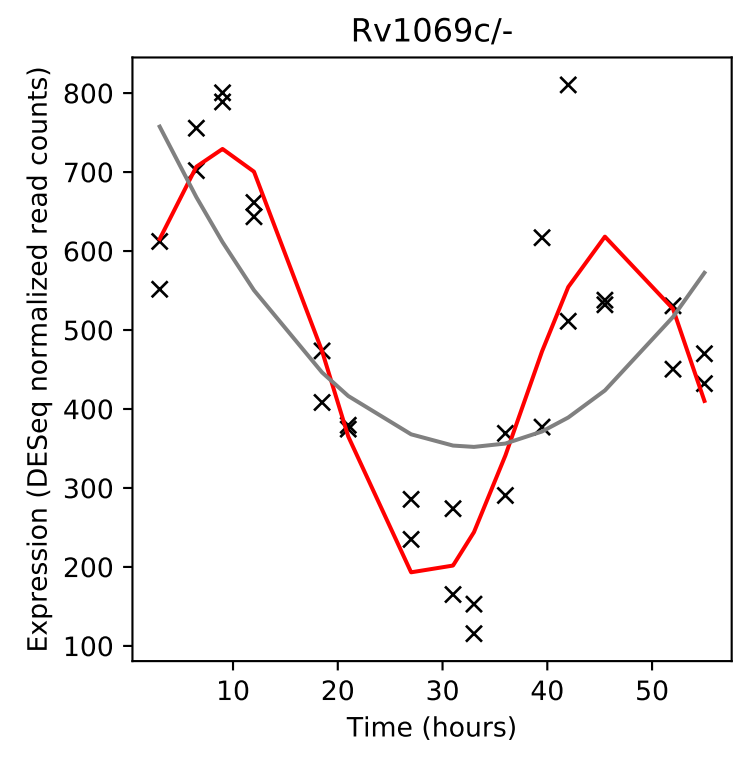

Rv1064c/lpqV
Expression (DESeq normalized read counts)
Time (hours)

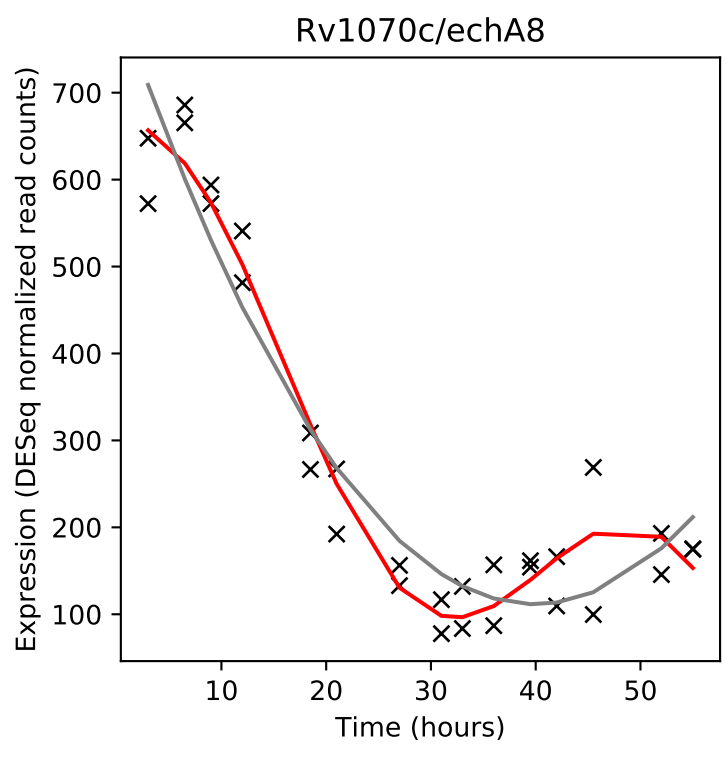

Rv1065/-
Expression (DESeq normalized read counts)
Time (hours)

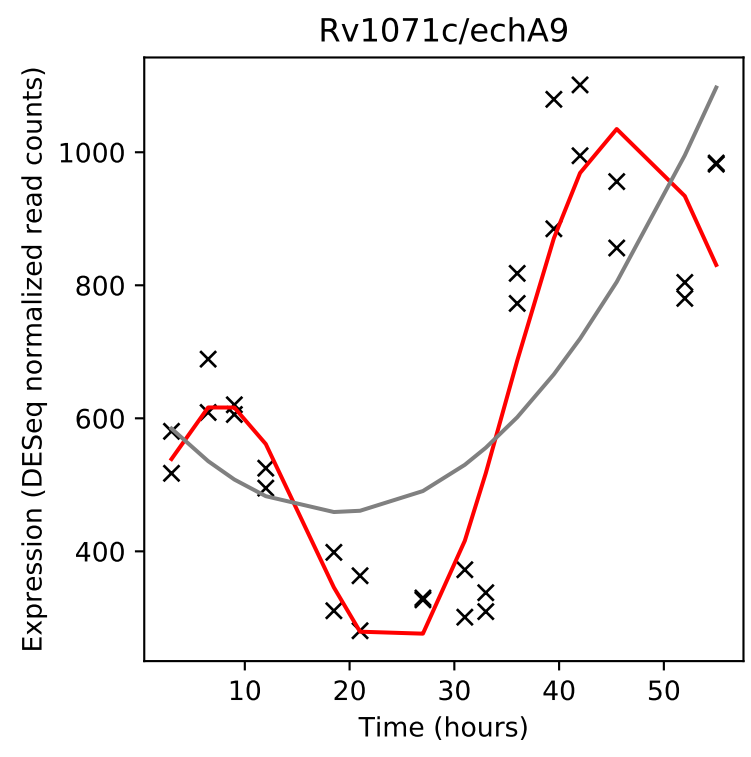

Rv1066/-
Expression (DESeq normalized read counts)
Time (hours)

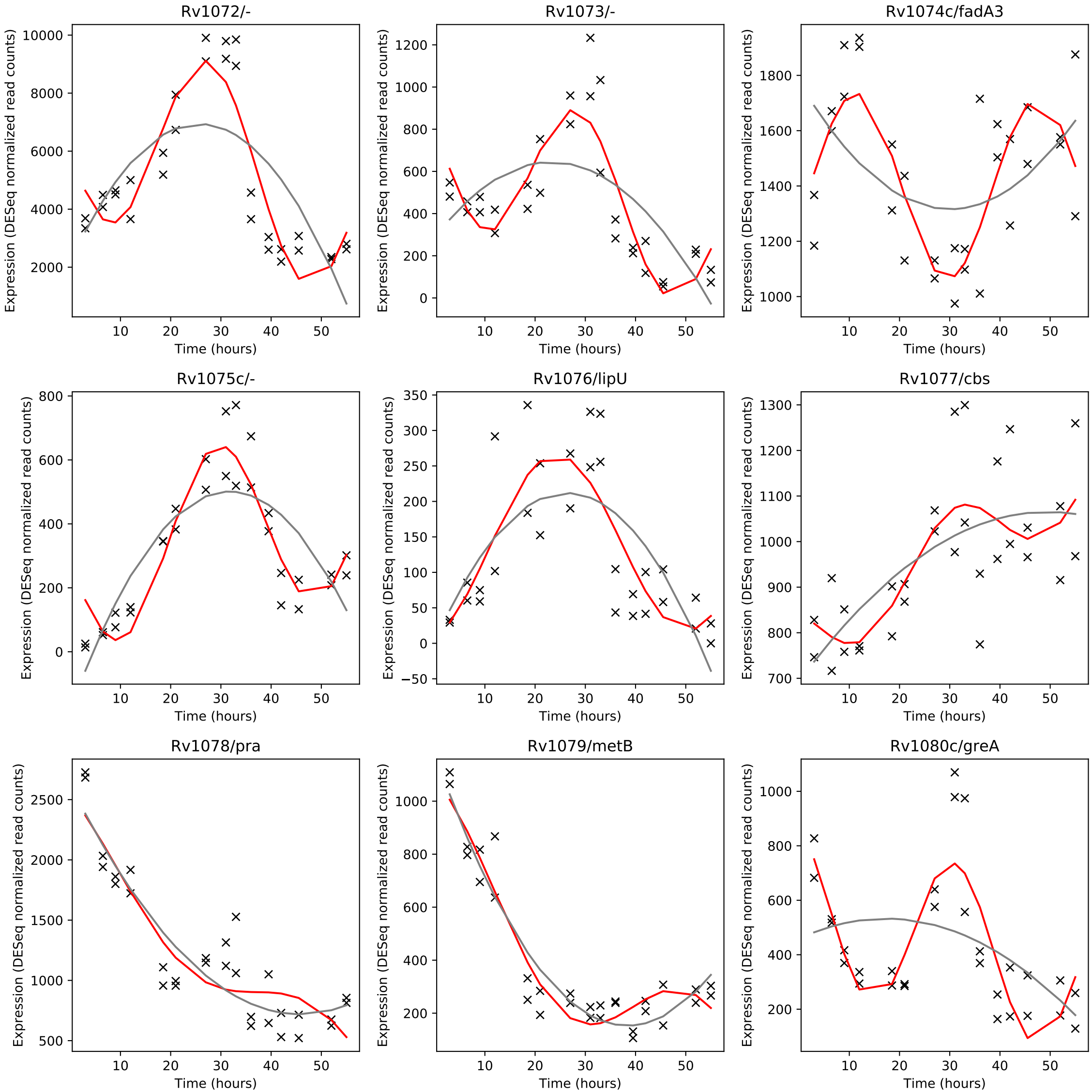

Rv1067c/PE_PGRS19
Expression (DESeq normalized read counts)
Time (hours)

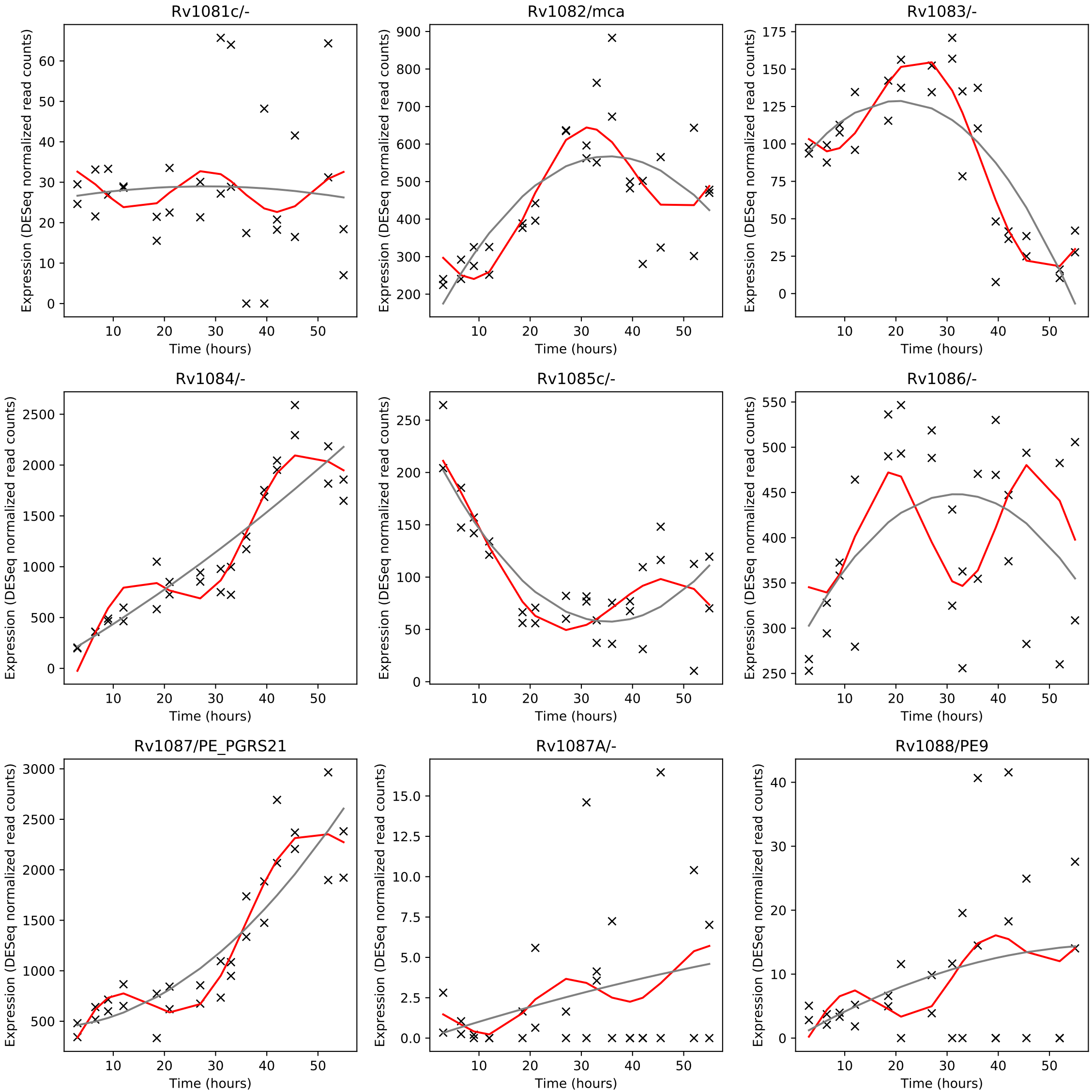

Rv1068c/PE_PGRS20
Expression (DESeq normalized read counts)
Time (hours)

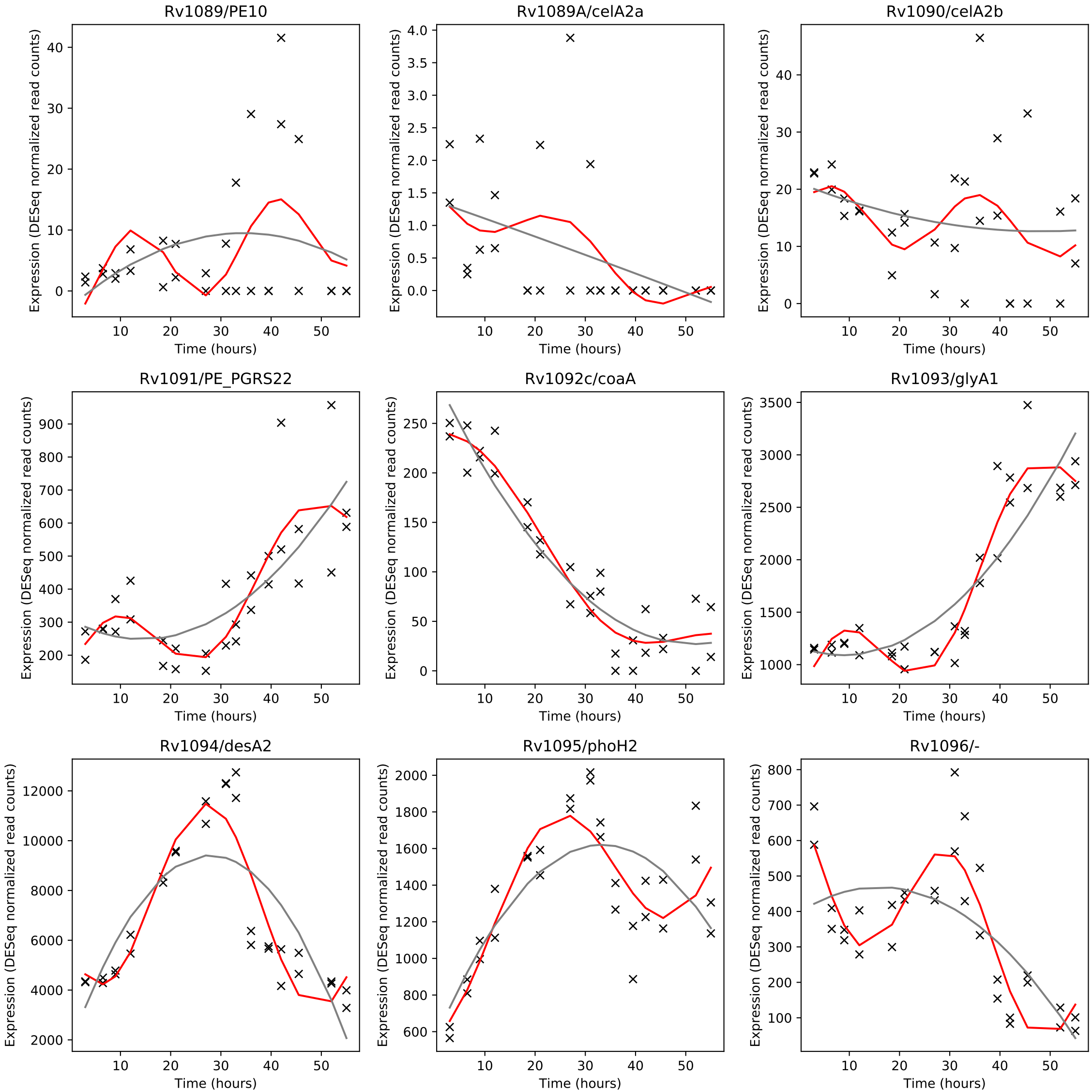

Rv1069c/-
Expression (DESeq normalized read counts)
Time (hours)

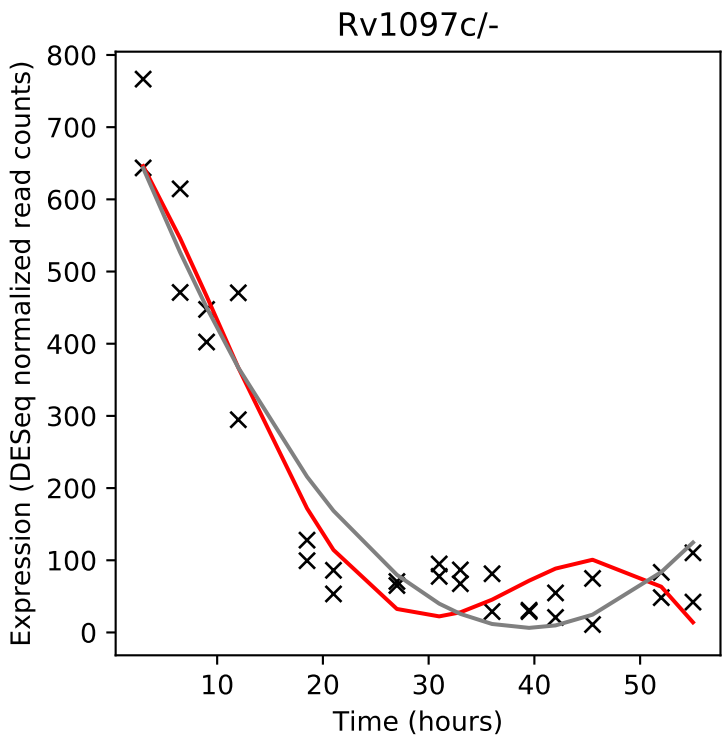

Rv1070c/echA8
Expression (DESeq normalized read counts)
Time (hours)

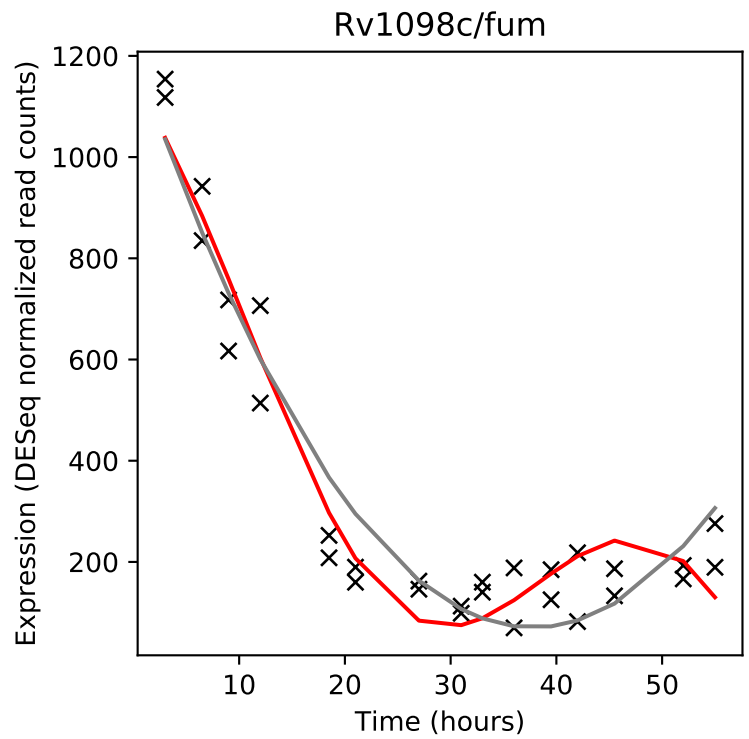

Rv1071c/echA9
Expression (DESeq normalized read counts)
Time (hours)

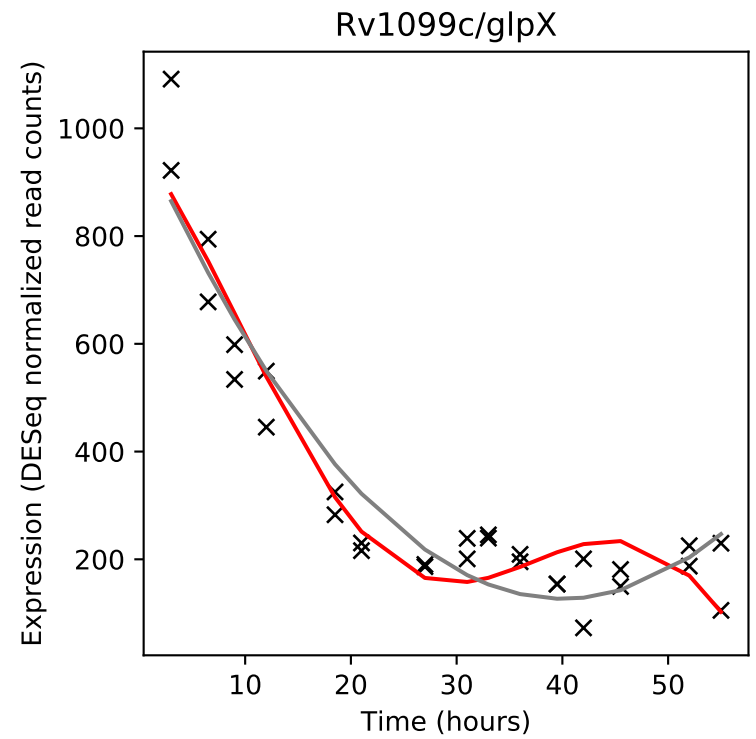

Rv1072/-
Rv1073/-
Rv1074c/fadA3
Rv1075c/-
Rv1076/lipU
Rv1077/cbs
Rv1078/pra
Rv1079/metB
Rv1080c/greA
Expression (DESeq normalized read counts)
Time (hours)

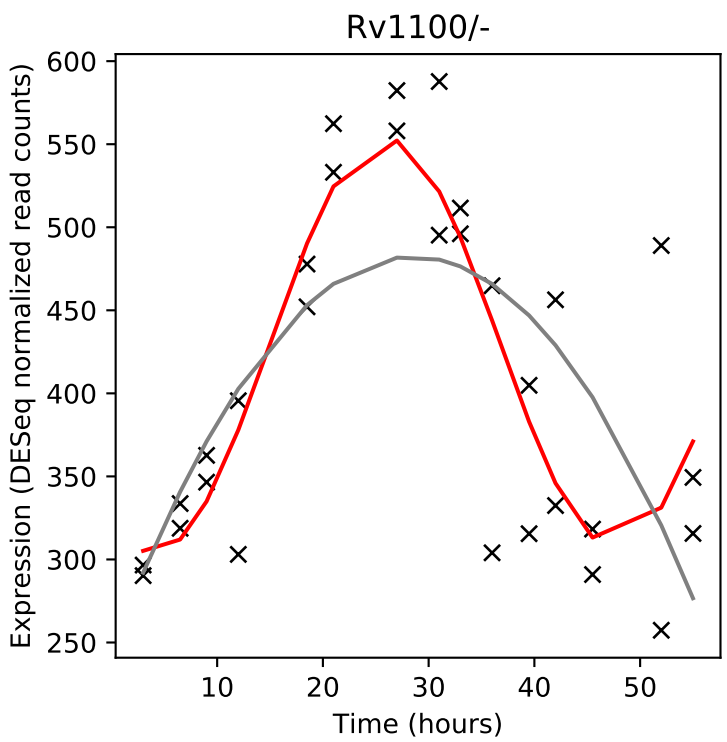

Rv1081c/-
Rv1082/mca
Rv1083/-
Rv1084/-
Rv1085c/-
Rv1086/-
Rv1087/PE_PGRS21
Rv1087A/-
Rv1088/PE9
Expression (DESeq normalized read counts)
Time (hours)

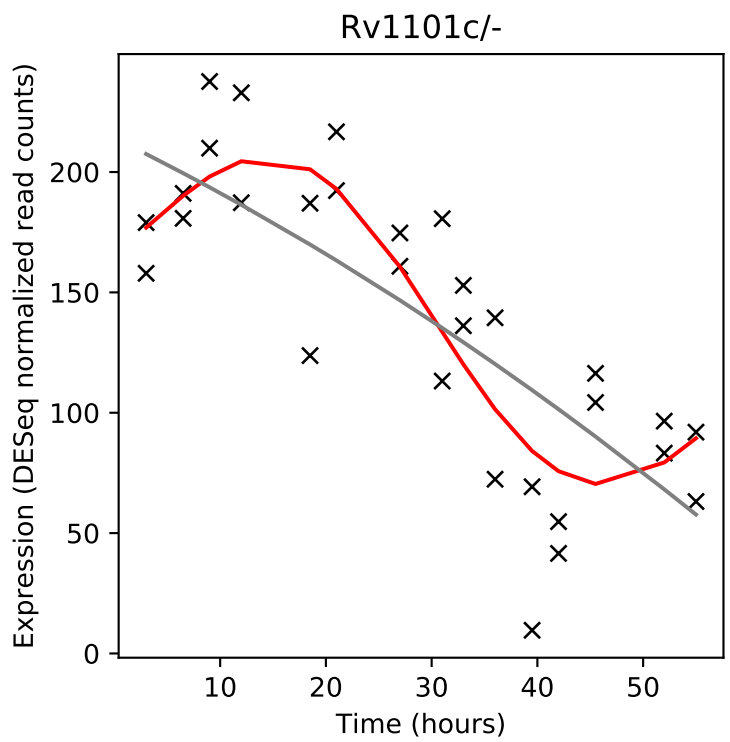

Rv1089/PE10
Rv1089A/celA2a
Rv1090/celA2b
Rv1091/PE_PGRS22
Rv1092c/coaA
Rv1093/glyA1
Rv1094/desA2
Rv1095/phoH2
Rv1096/-
Expression (DESeq normalized read counts)
Time (hours)

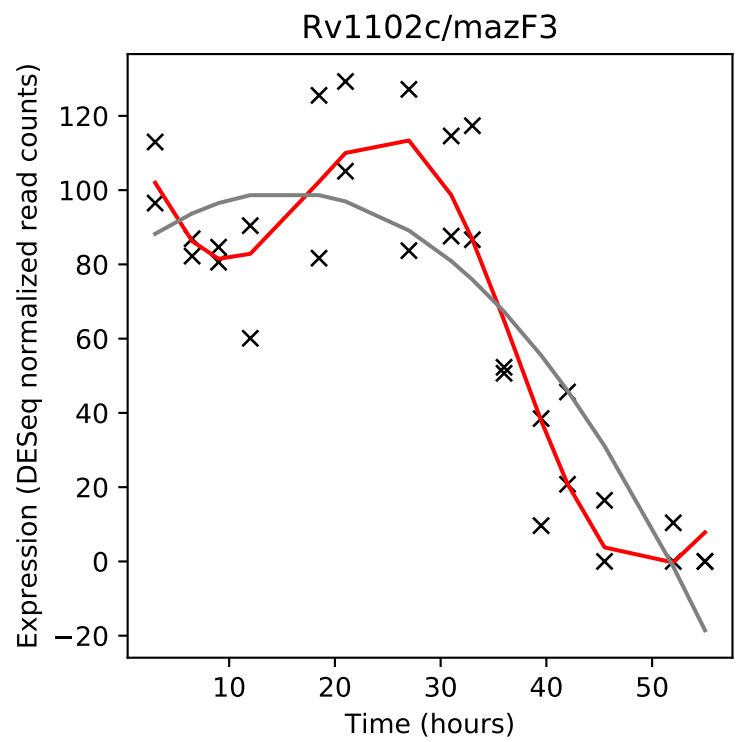

Rv1097c/-
Expression (DESeq normalized read counts)
Time (hours)

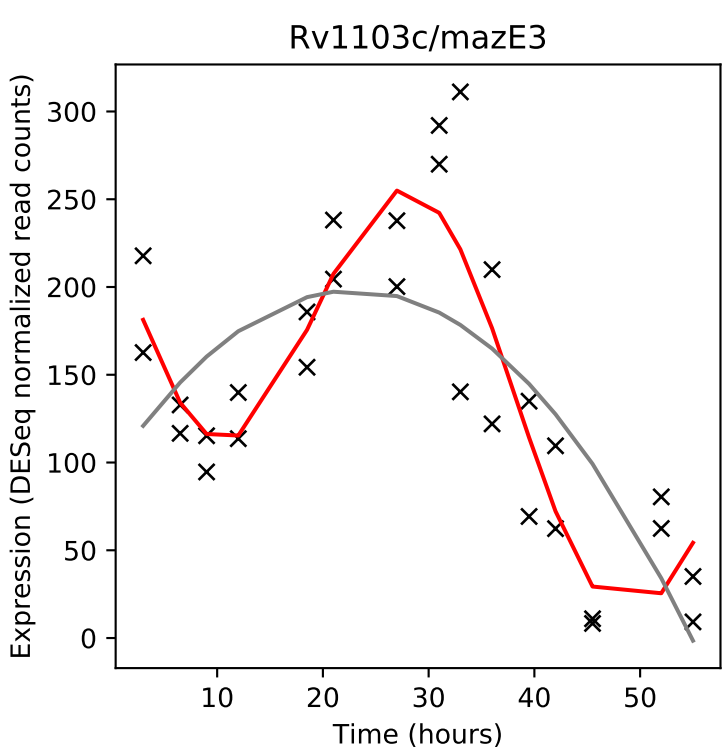

Rv1098c/fum
Expression (DESeq normalized read counts)
Time (hours)

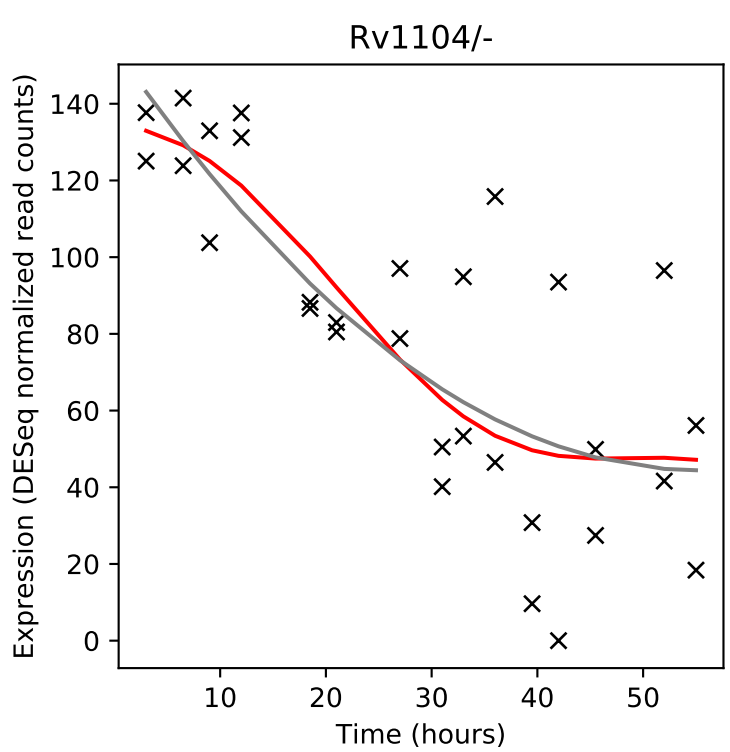

Rv1099c/glpX
Expression (DESeq normalized read counts)
Time (hours)

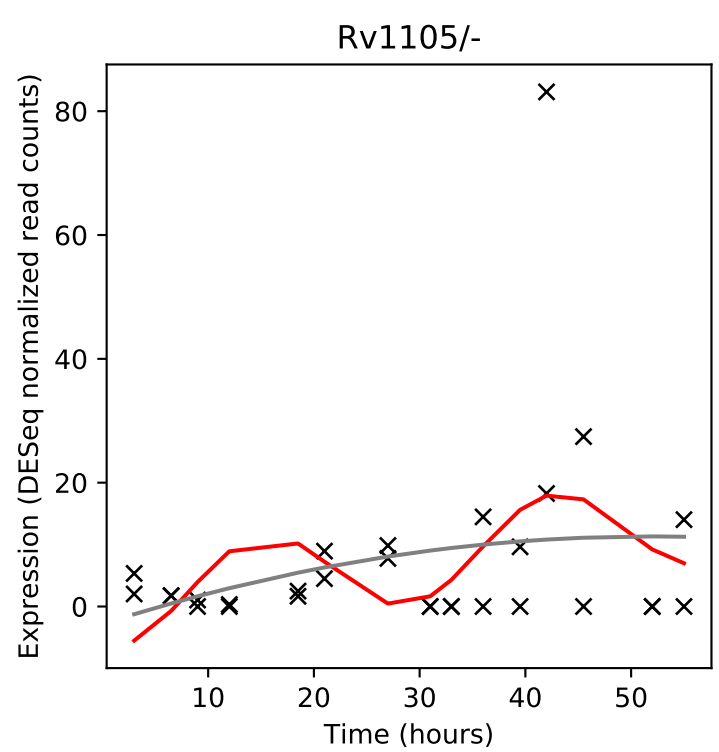

Rv1100/-
Expression (DESeq normalized read counts)
Time (hours)

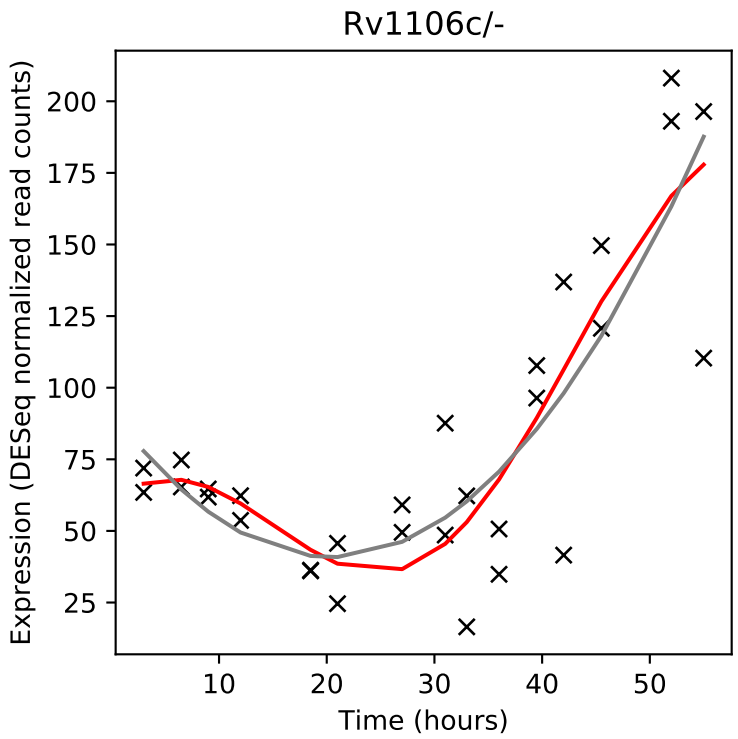

Rv1101c/-
Expression (DESeq normalized read counts)
Time (hours)

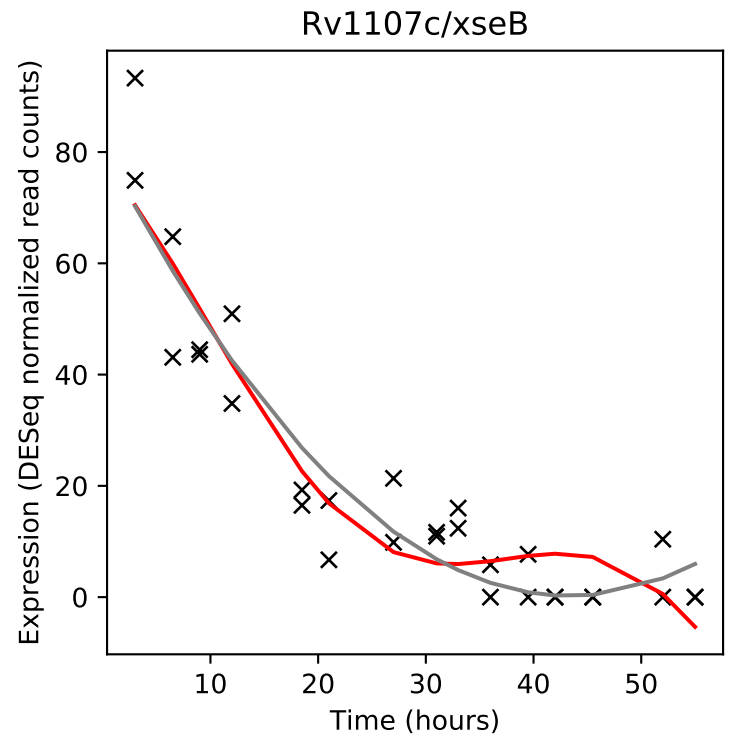

Rv1102c/mazF3
Expression (DESeq normalized read counts)
Time (hours)

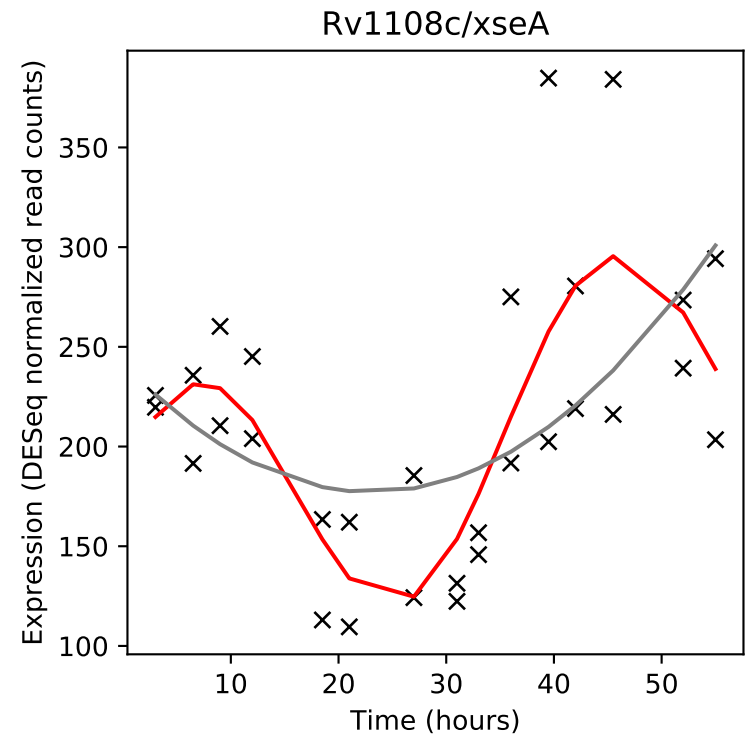

Rv1103c/mazE3
Expression (DESeq normalized read counts)
Time (hours)

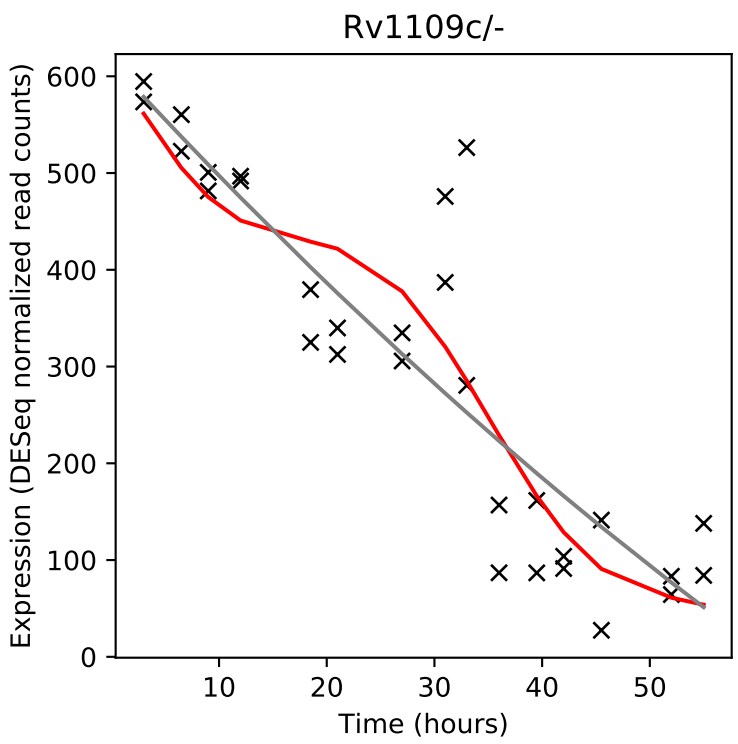

Rv1104/-
Expression (DESeq normalized read counts)
Time (hours)

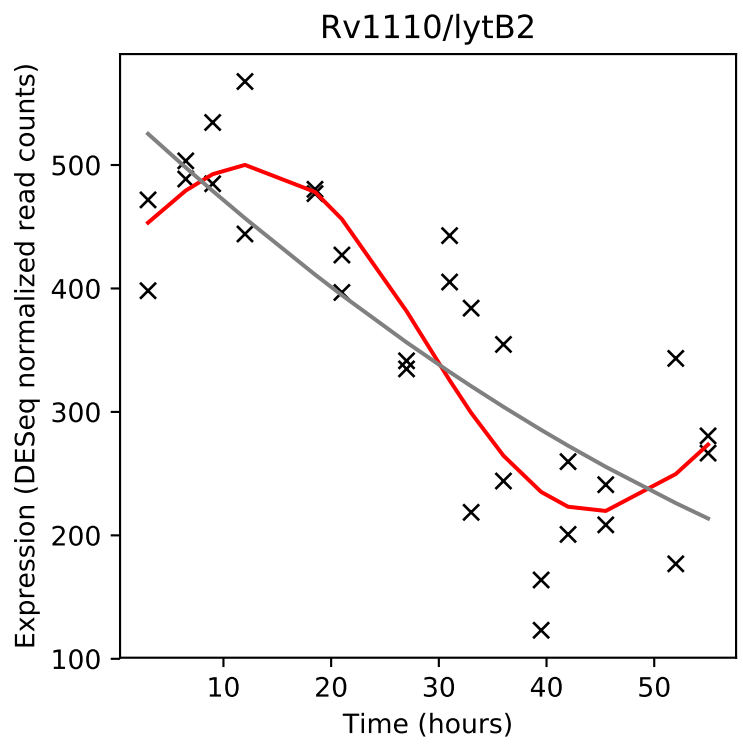

Rv1105/-
Expression (DESeq normalized read counts)
Time (hours)

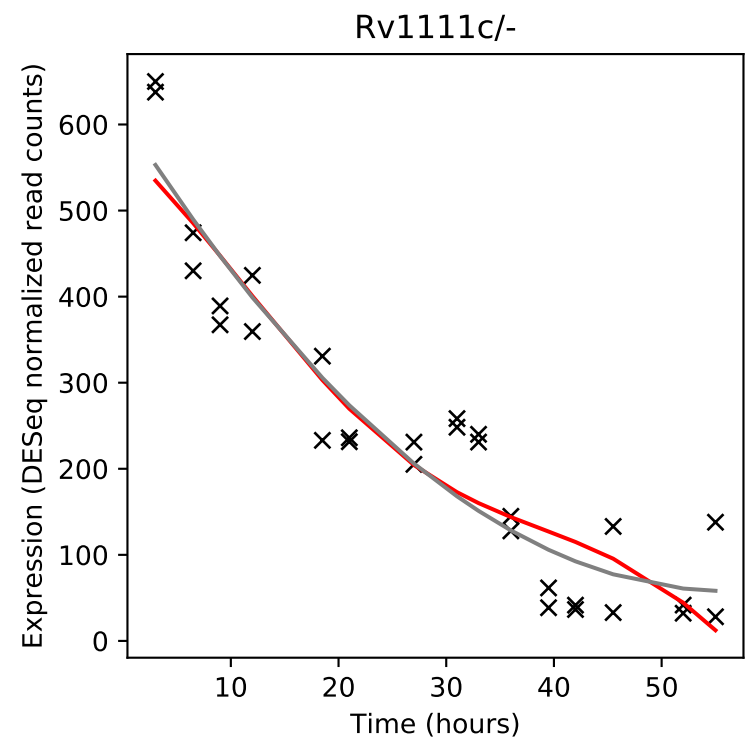

Rv1106c/-
Expression (DESeq normalized read counts)
Time (hours)

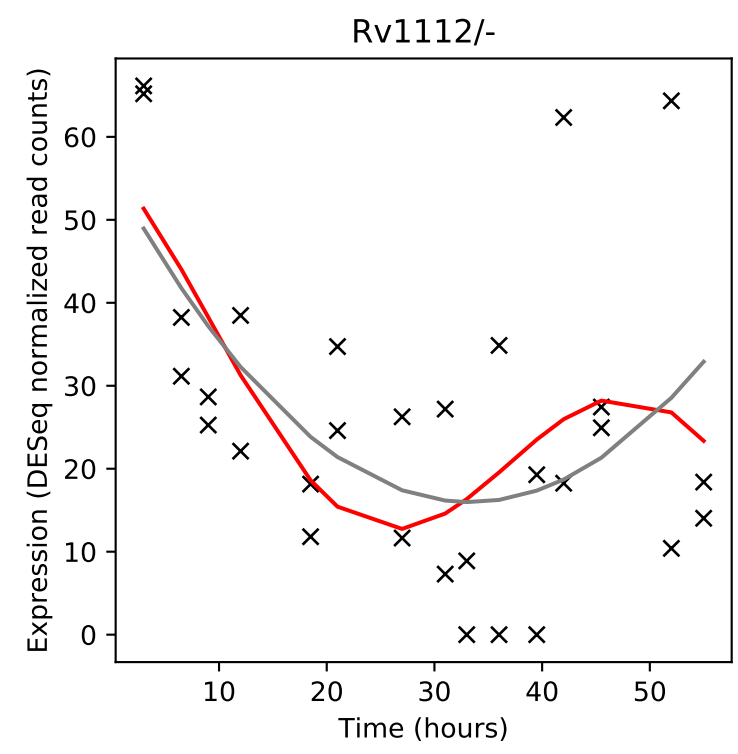

Rv1107c/xseB
Expression (DESeq normalized read counts)
Time (hours)

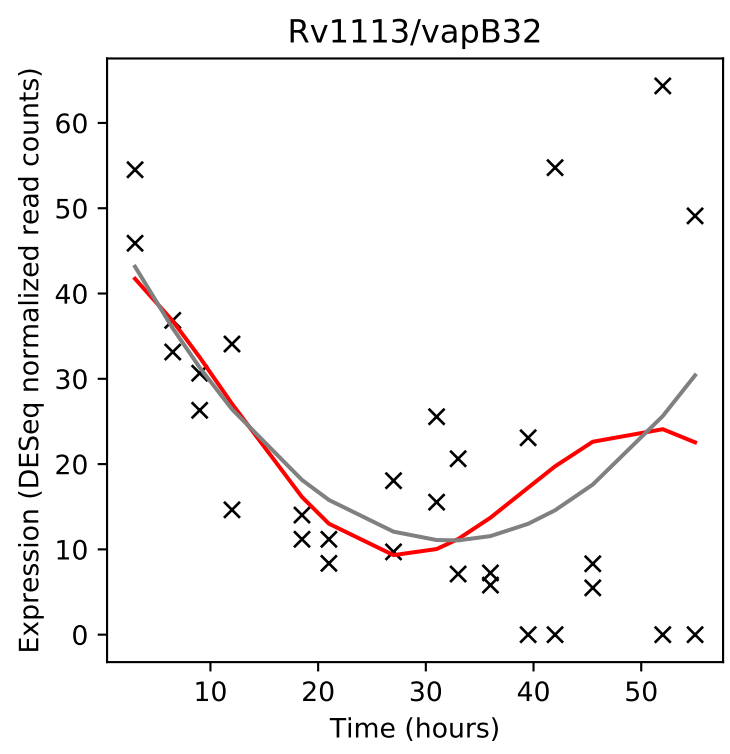

Rv1108c/xseA
Expression (DESeq normalized read counts)
Time (hours)

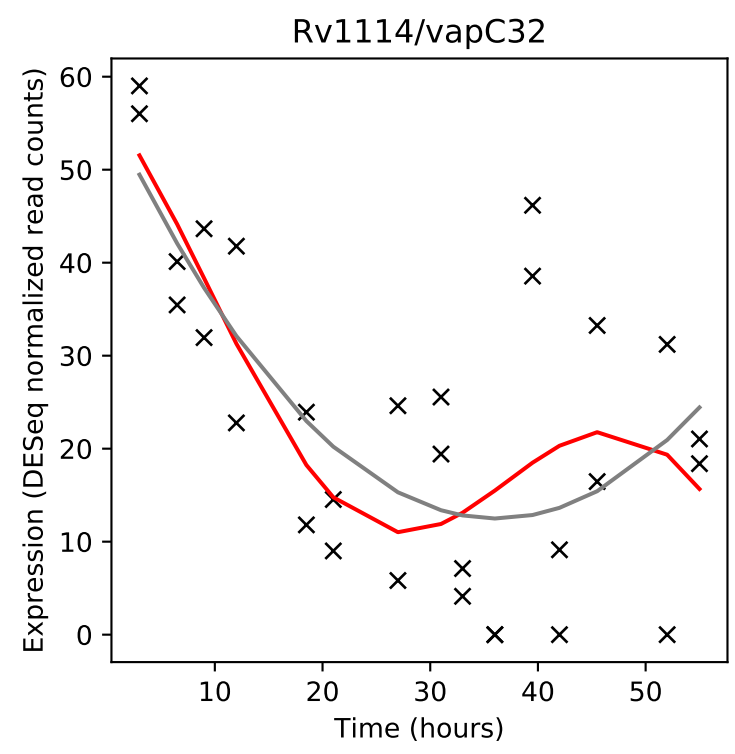

Rv1109c/-
Expression (DESeq normalized read counts)
Time (hours)

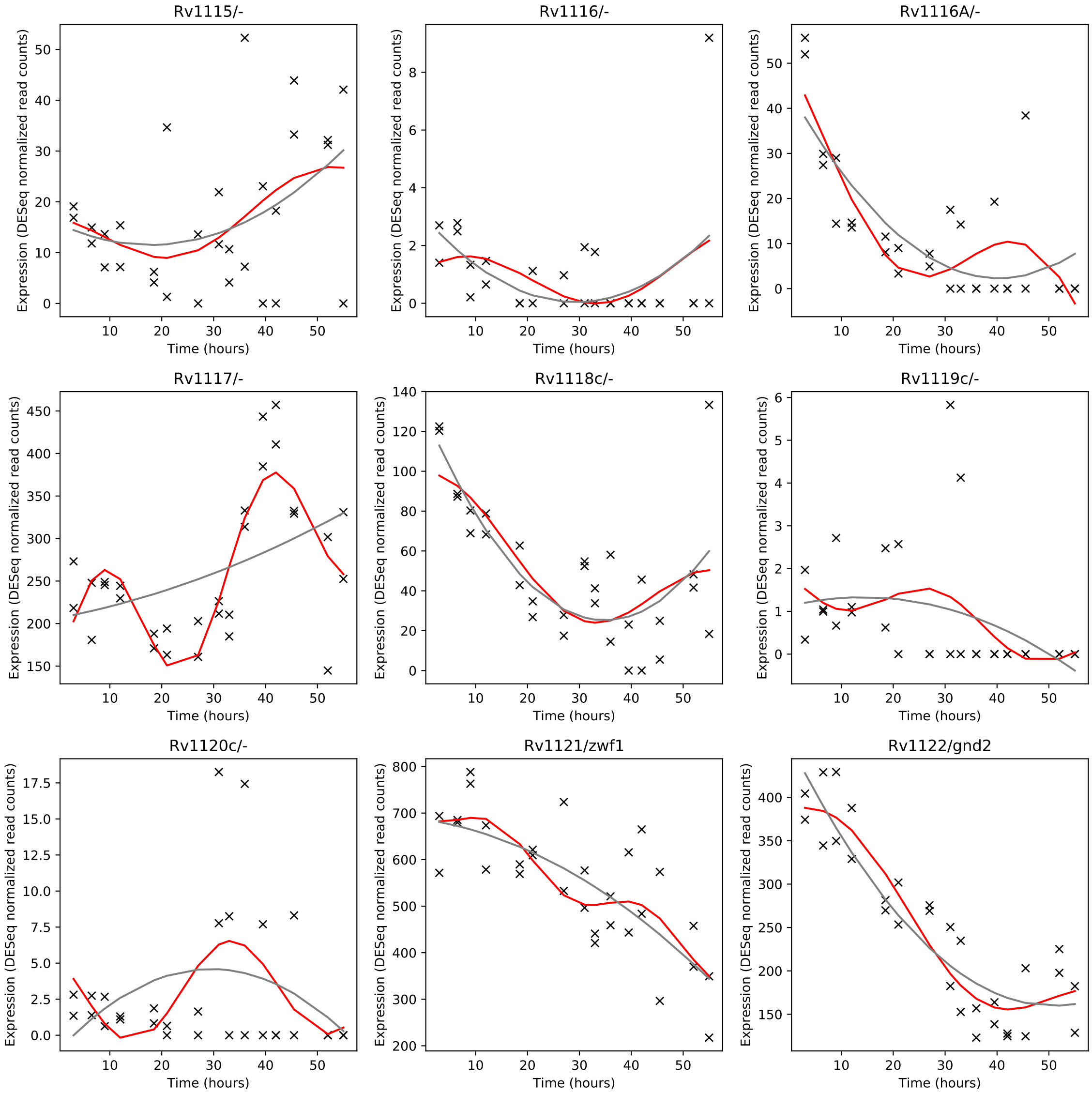

Rv1110/lytB2
Expression (DESeq normalized read counts)
Time (hours)

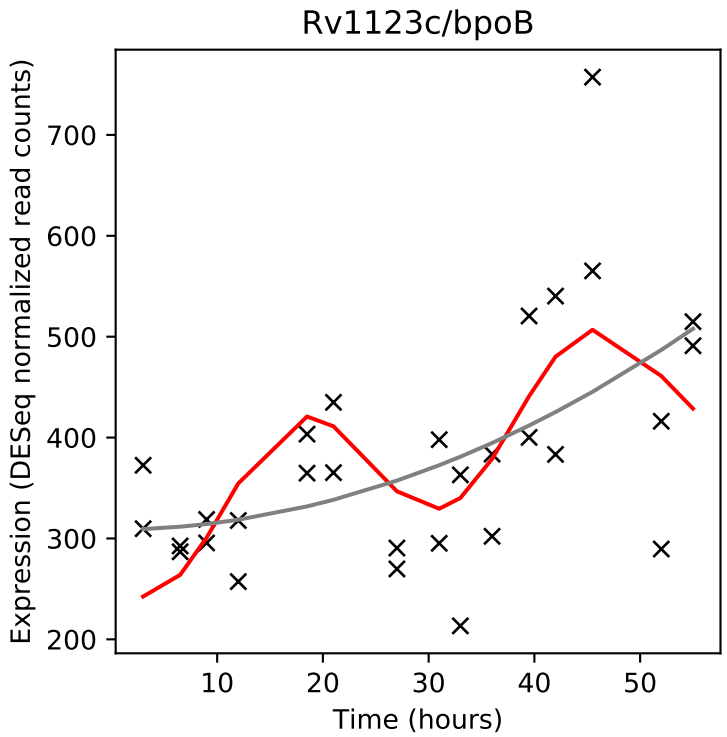

Rv1111c/-
Expression (DESeq normalized read counts)
Time (hours)

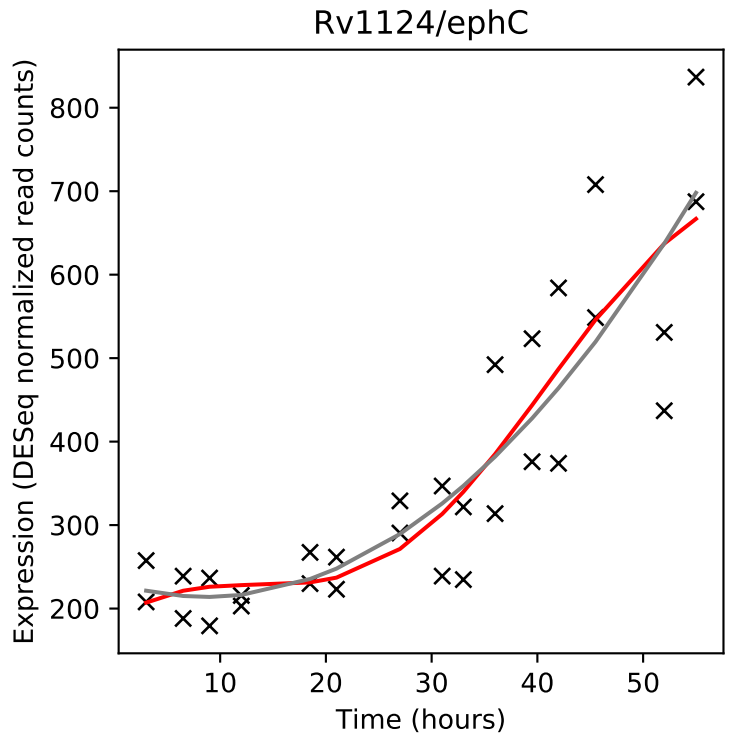

Rv1112/-
Expression (DESeq normalized read counts)
Time (hours)

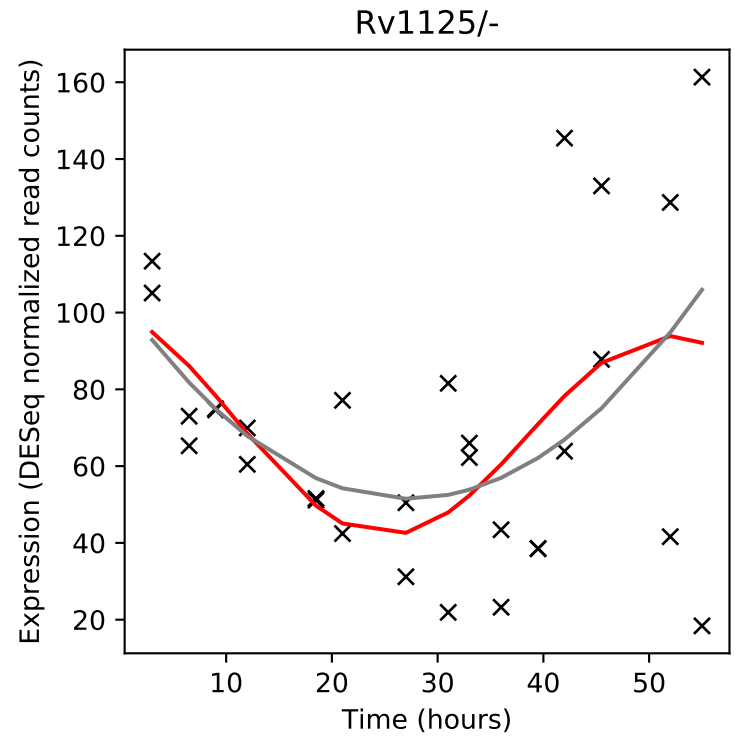

Rv1113/vapB32
Expression (DESeq normalized read counts)
Time (hours)

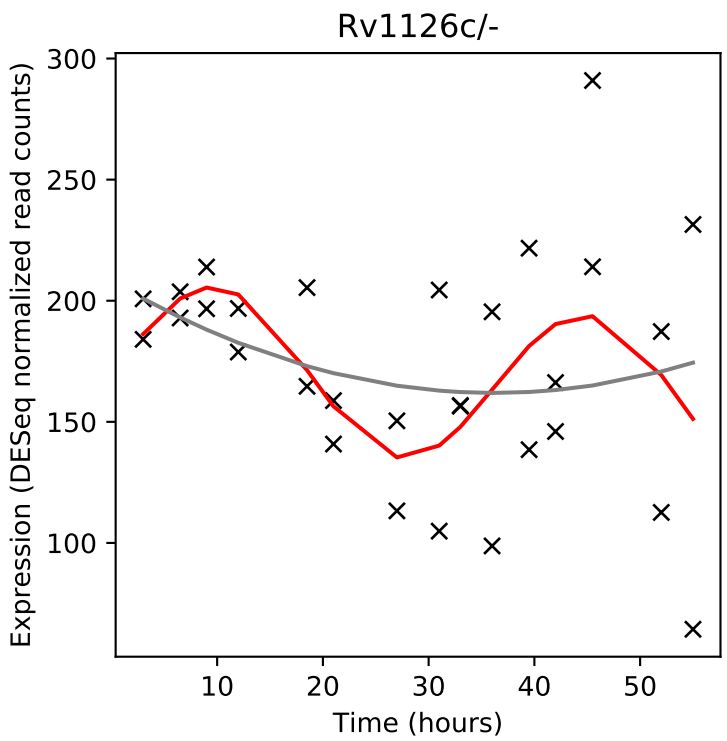

Rv1114/vapC32
Expression (DESeq normalized read counts)
Time (hours)

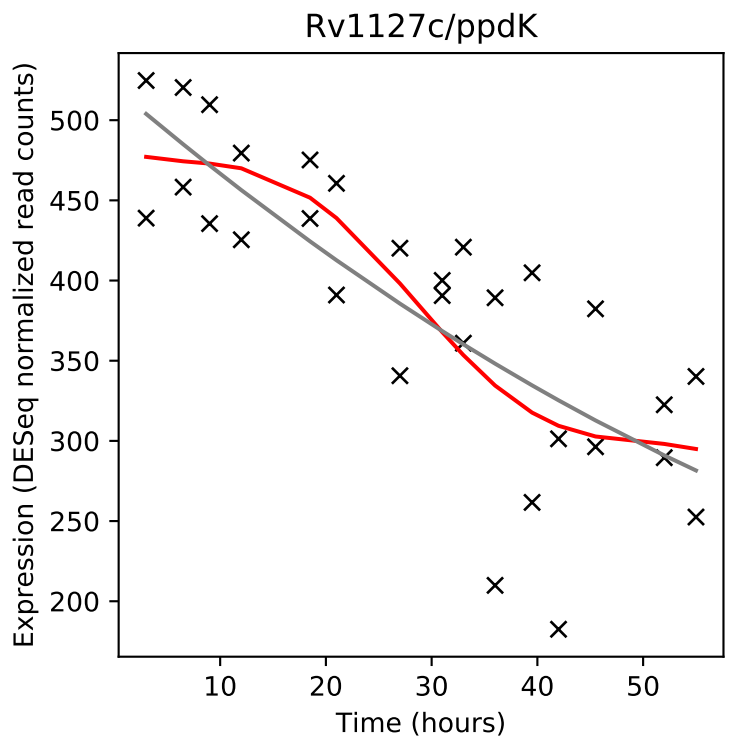

Rv1115/-
Rv1116/-
Rv1116A/-
Rv1117/-
Rv1118c/-
Rv1119c/-
Rv1120c/-
Rv1121/zwf1
Rv1122/gnd2
Expression (DESeq normalized read counts)
Time (hours)

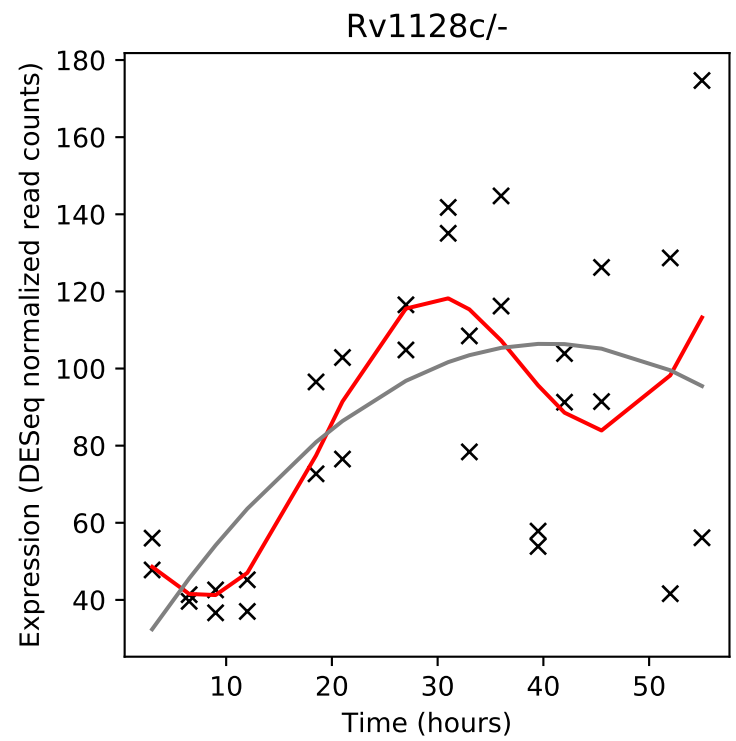

Rv1123c/bpoB
Expression (DESeq normalized read counts)
Time (hours)

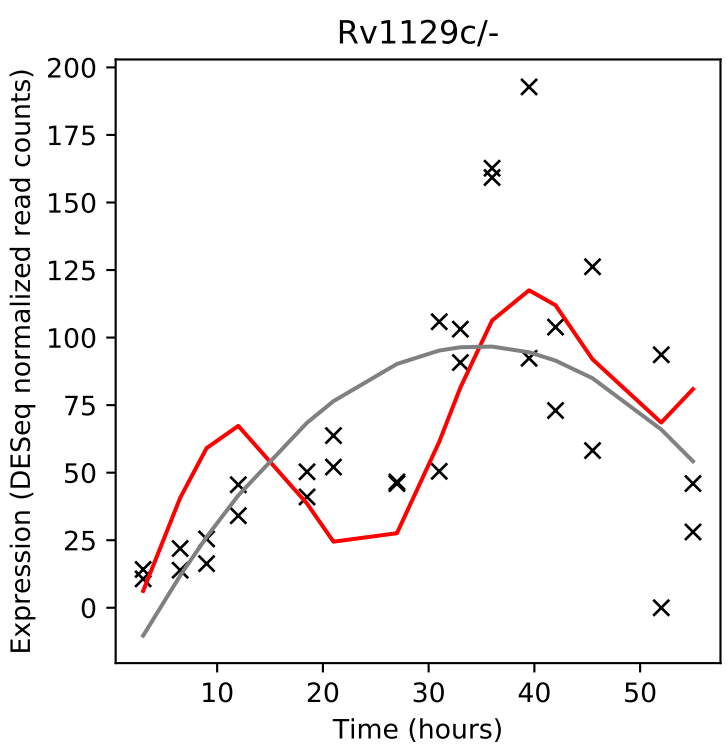

Rv1124/ephC
Expression (DESeq normalized read counts)
Time (hours)

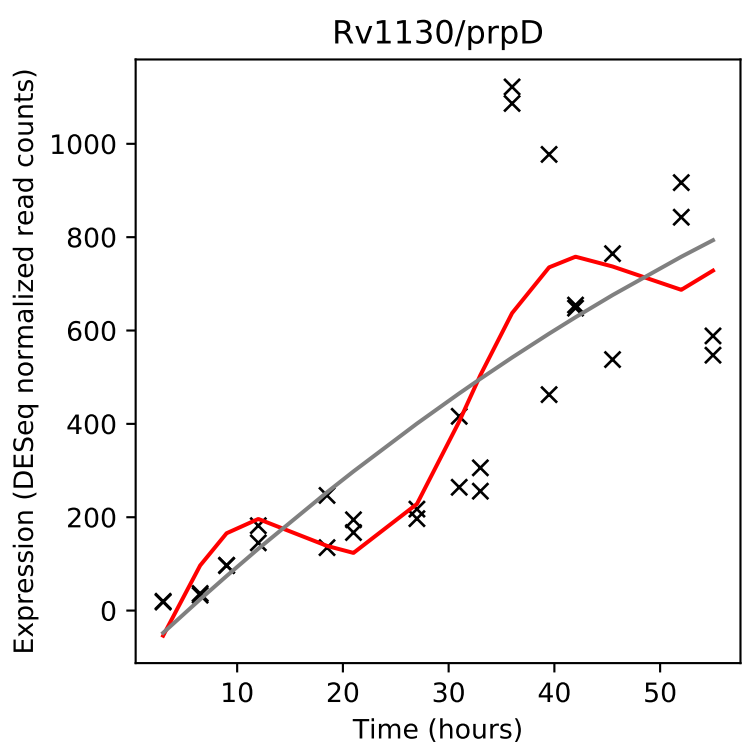

Rv1125/-
Expression (DESeq normalized read counts)
Time (hours)

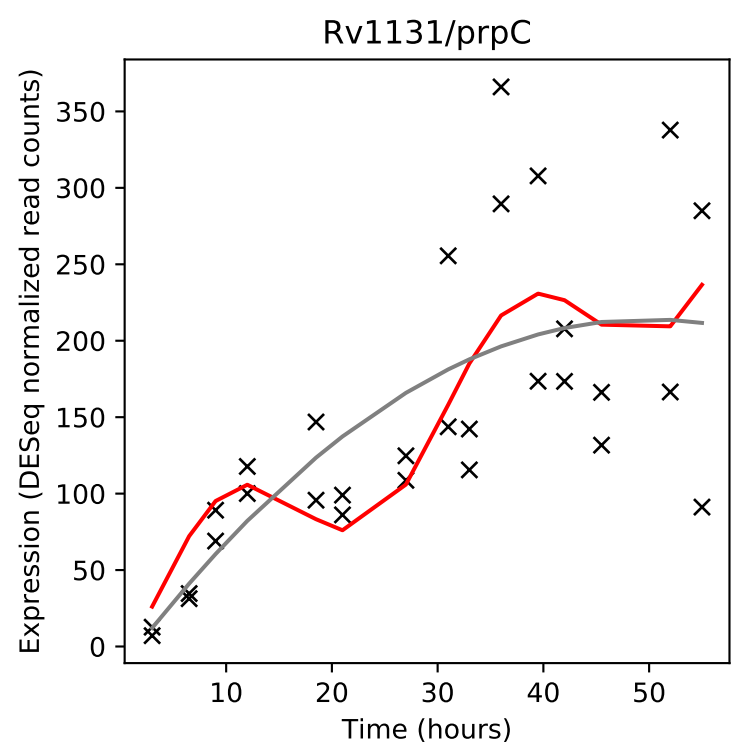

Rv1126c/-
Expression (DESeq normalized read counts)
Time (hours)

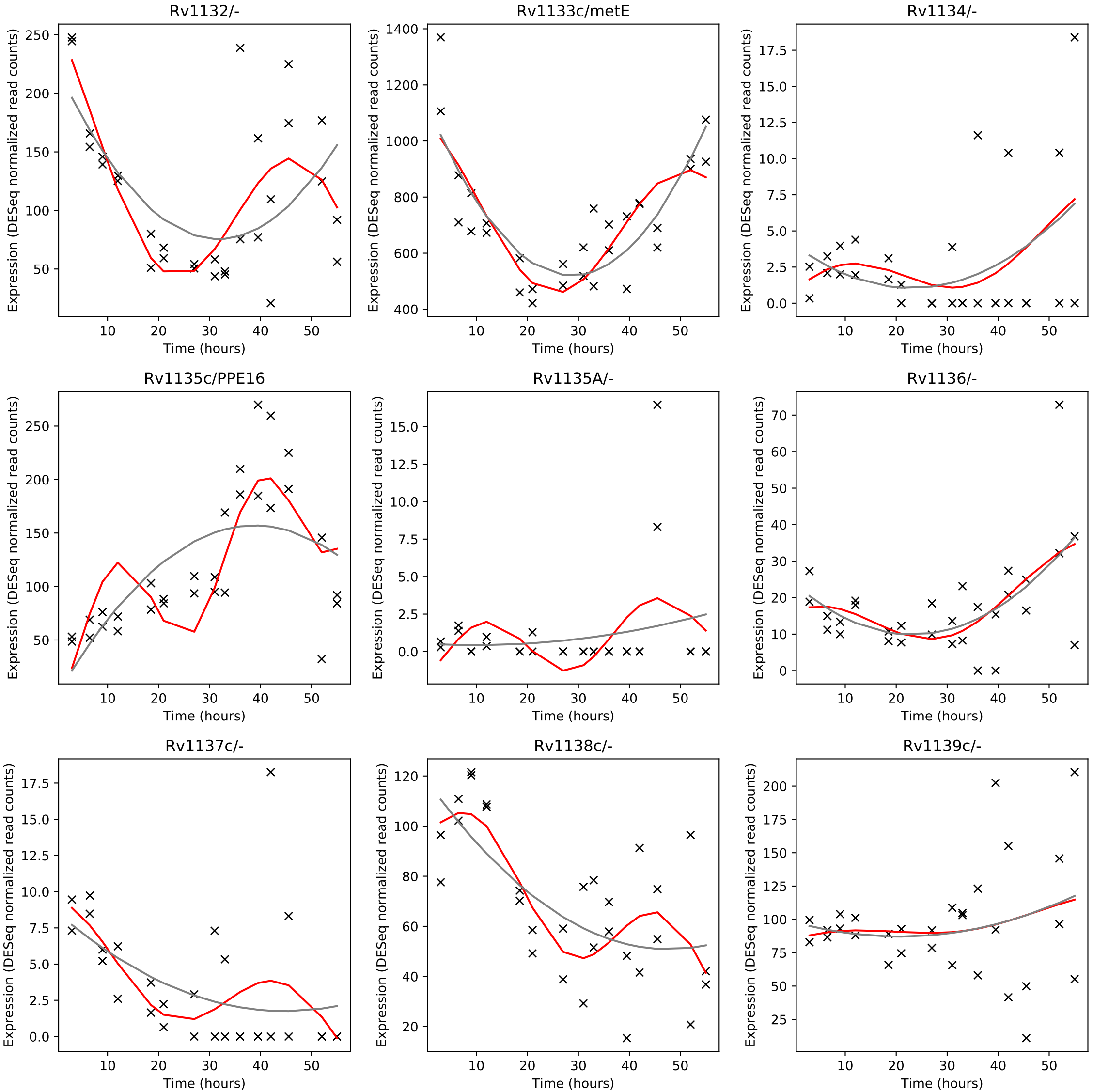

Rv1127c/ppdK
Expression (DESeq normalized read counts)
Time (hours)

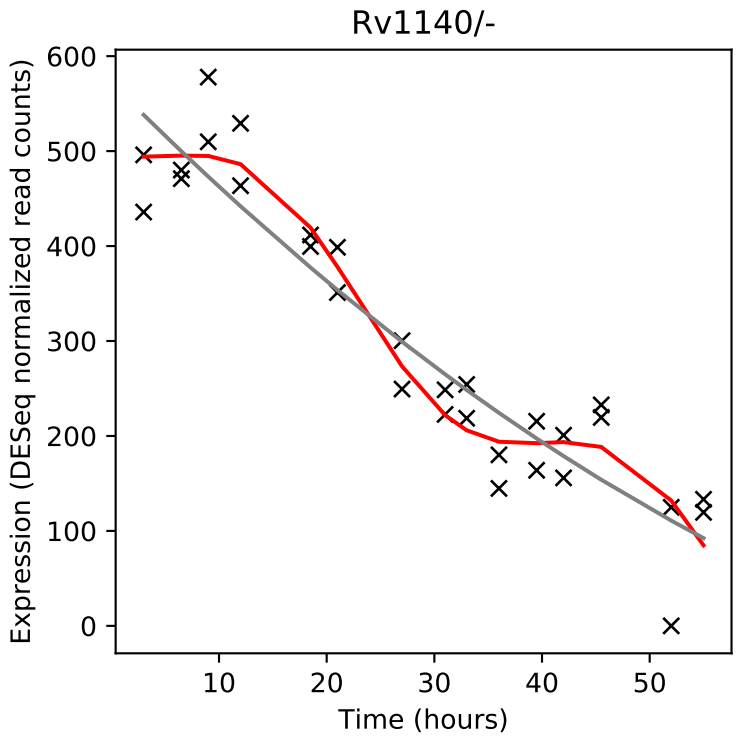

Rv1128c/-
Expression (DESeq normalized read counts)
Time (hours)

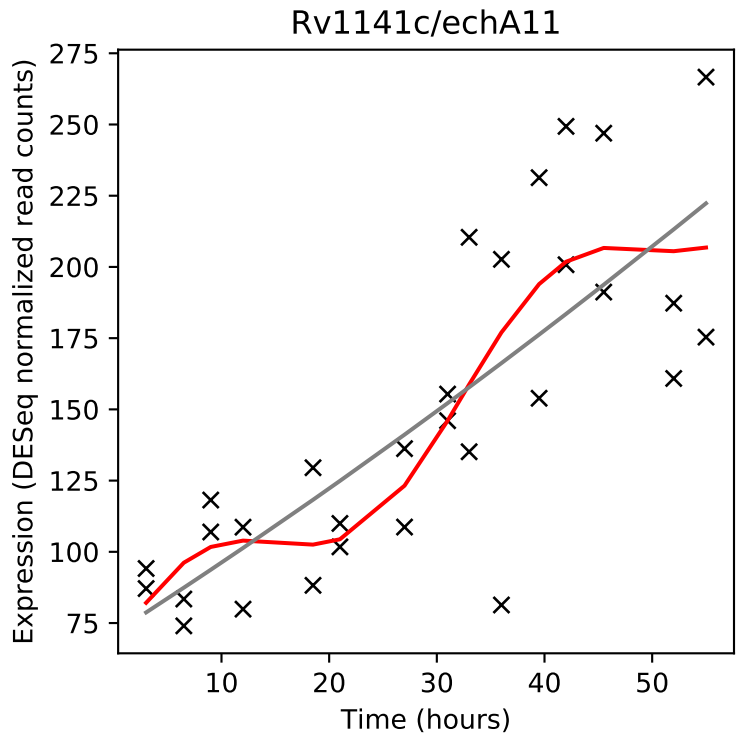

Rv1129c/-
Expression (DESeq normalized read counts)
Time (hours)

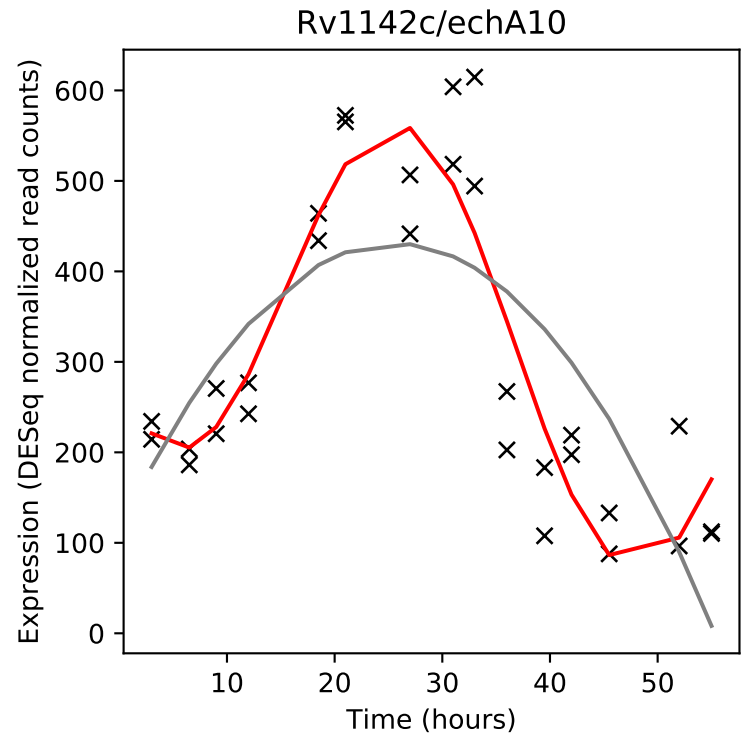

Rv1130/prpD
Expression (DESeq normalized read counts)
Time (hours)

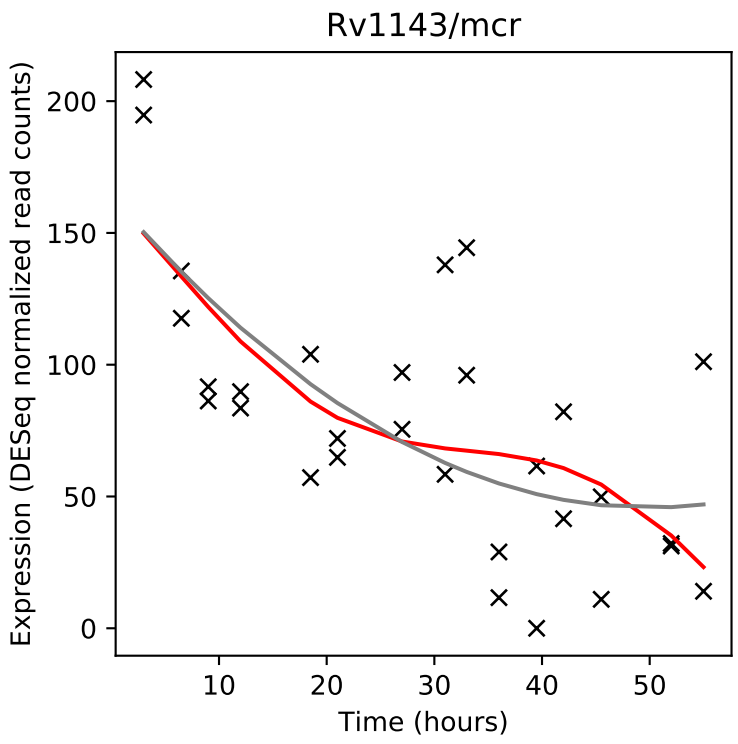

Rv1131/prpC
Expression (DESeq normalized read counts)
Time (hours)

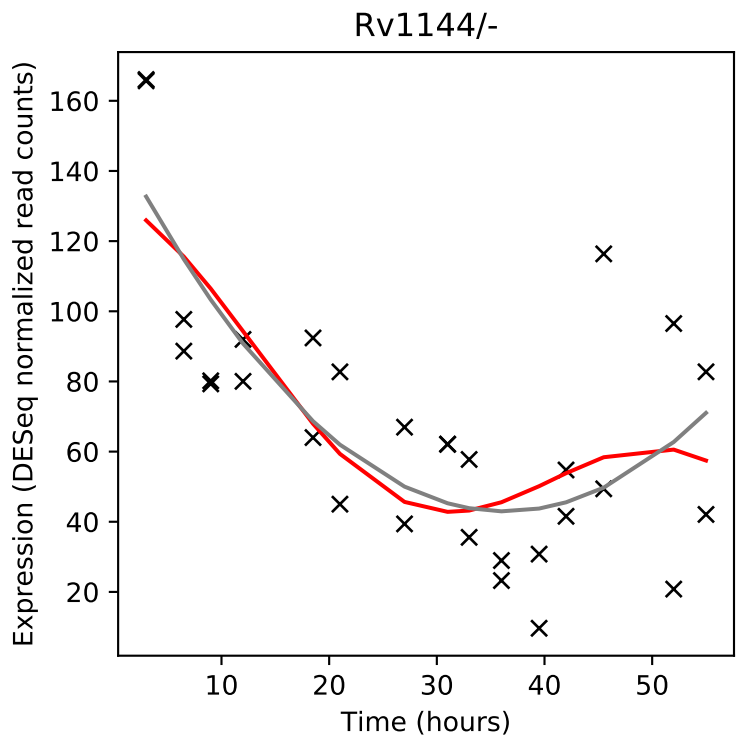

Rv1132/-
Rv1133c/metE
Rv1134/-
Rv1135c/PPE16
Rv1135A/-
Rv1136/-
Rv1137c/-
Rv1138c/-
Rv1139c/-
Expression (DESeq normalized read counts)
Time (hours)

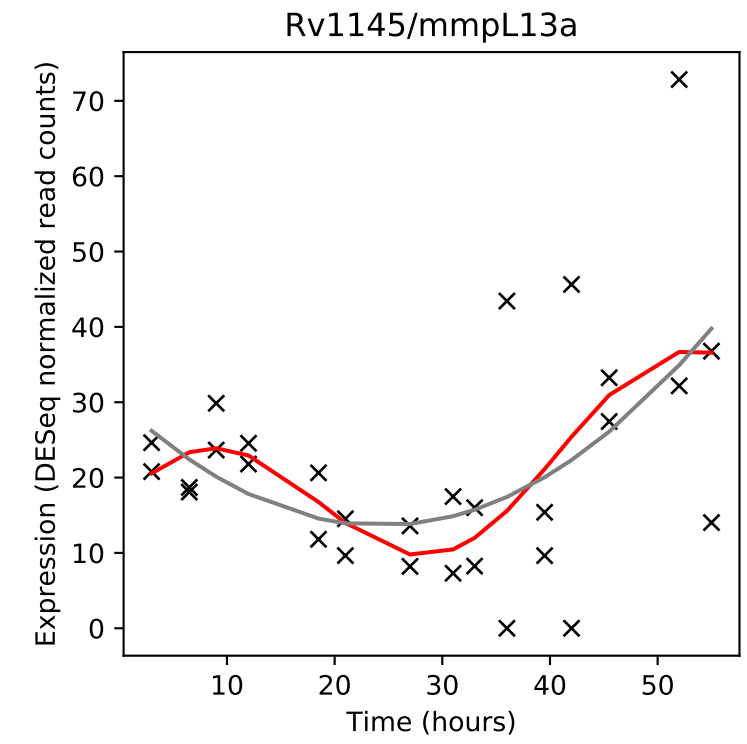

Rv1140/-
Expression (DESeq normalized read counts)
Time (hours)

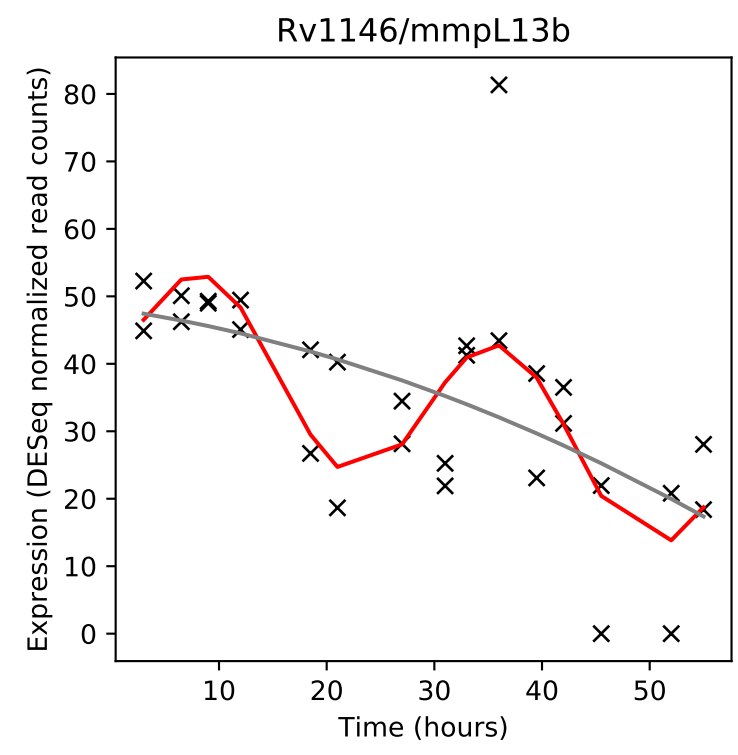

Rv1141c/echA11
Expression (DESeq normalized read counts)
Time (hours)

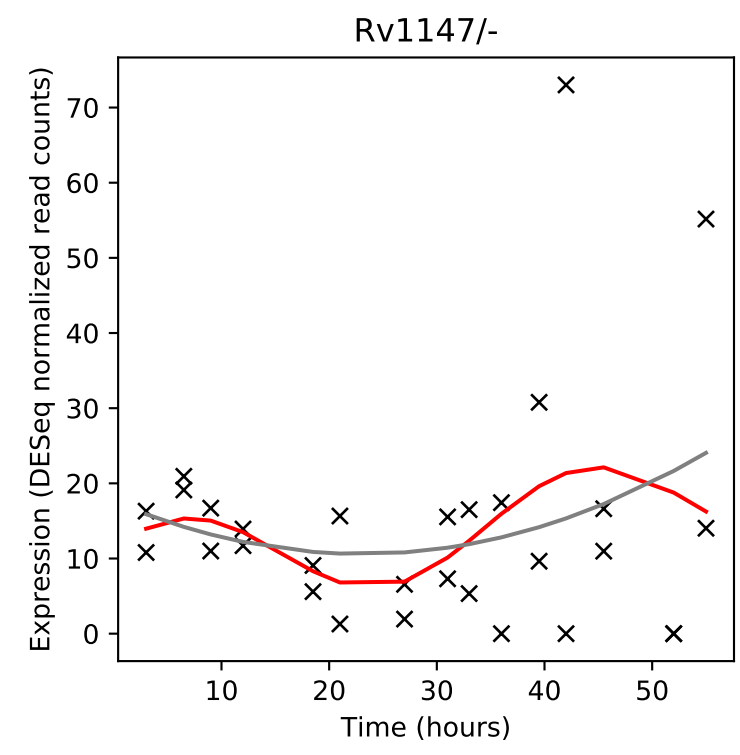

Rv1142c/echA10
Expression (DESeq normalized read counts)
Time (hours)

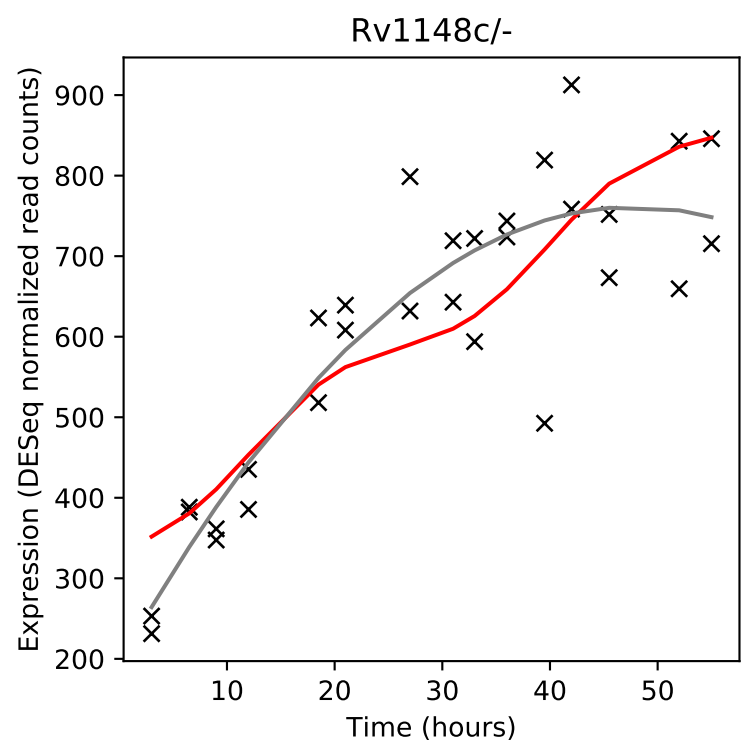

Rv1143/mcr
Expression (DESeq normalized read counts)
Time (hours)

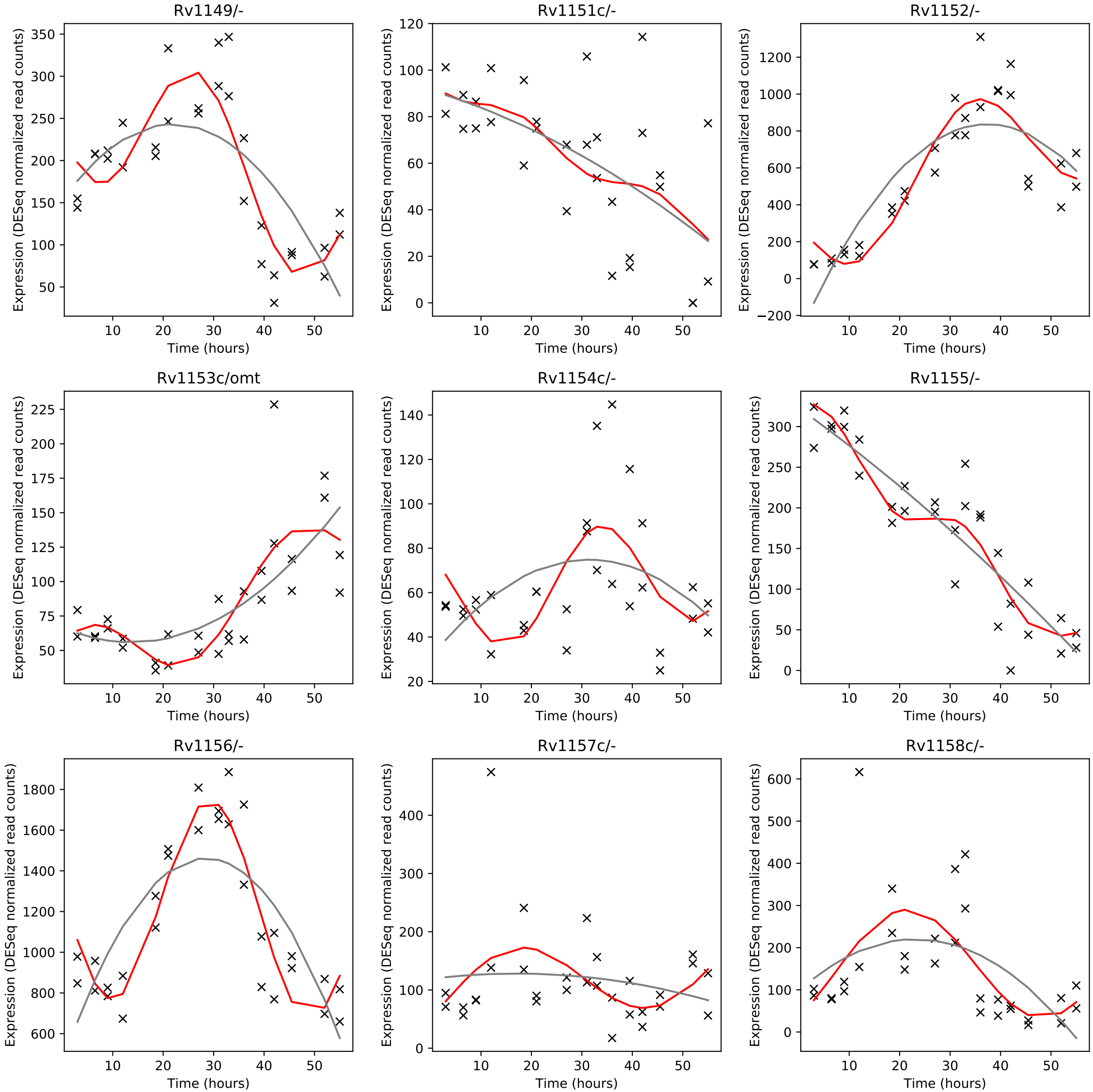

Rv1144/-
Expression (DESeq normalized read counts)
Time (hours)

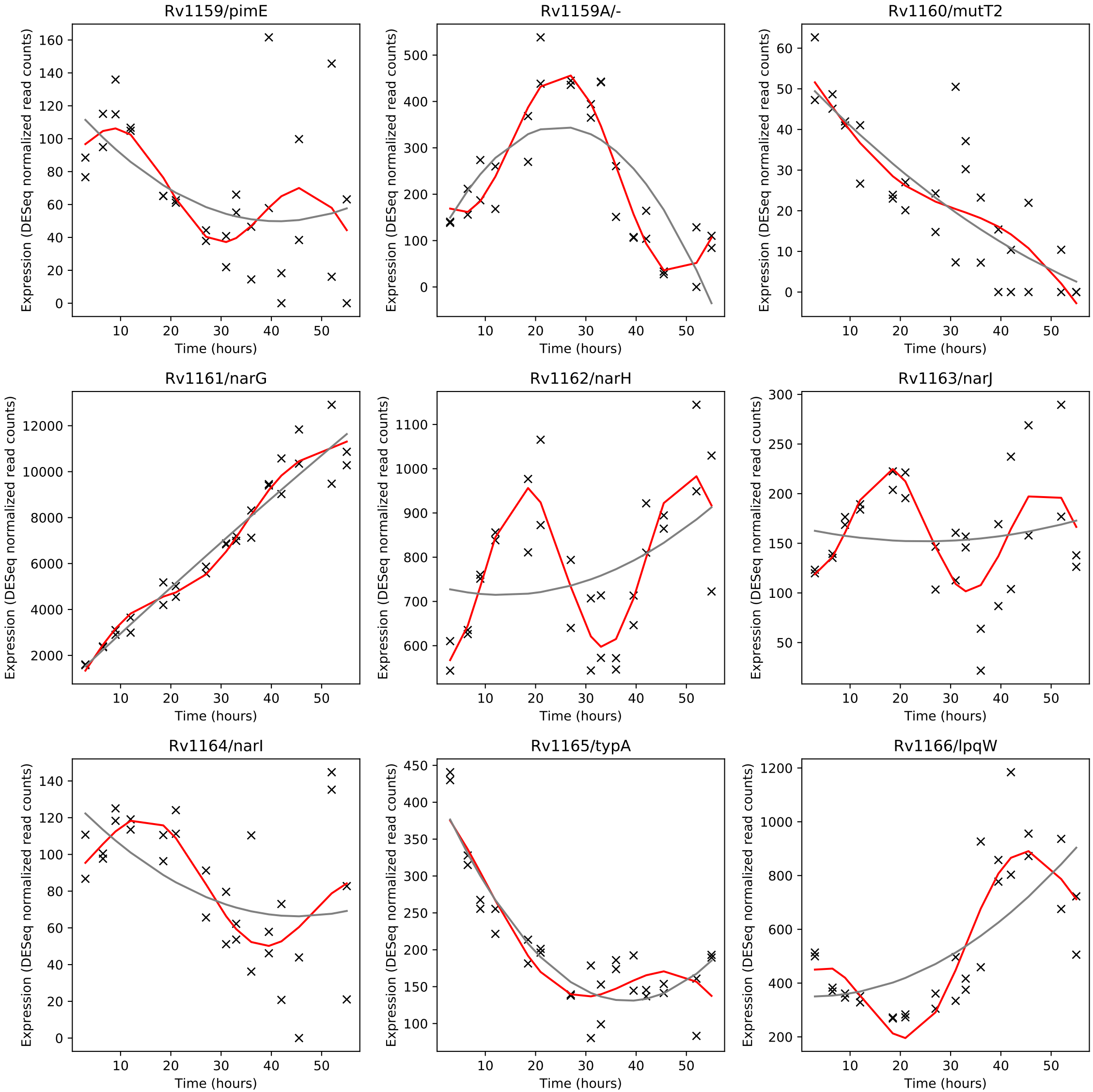

Rv1145/mmpL13a
Expression (DESeq normalized read counts)
Time (hours)

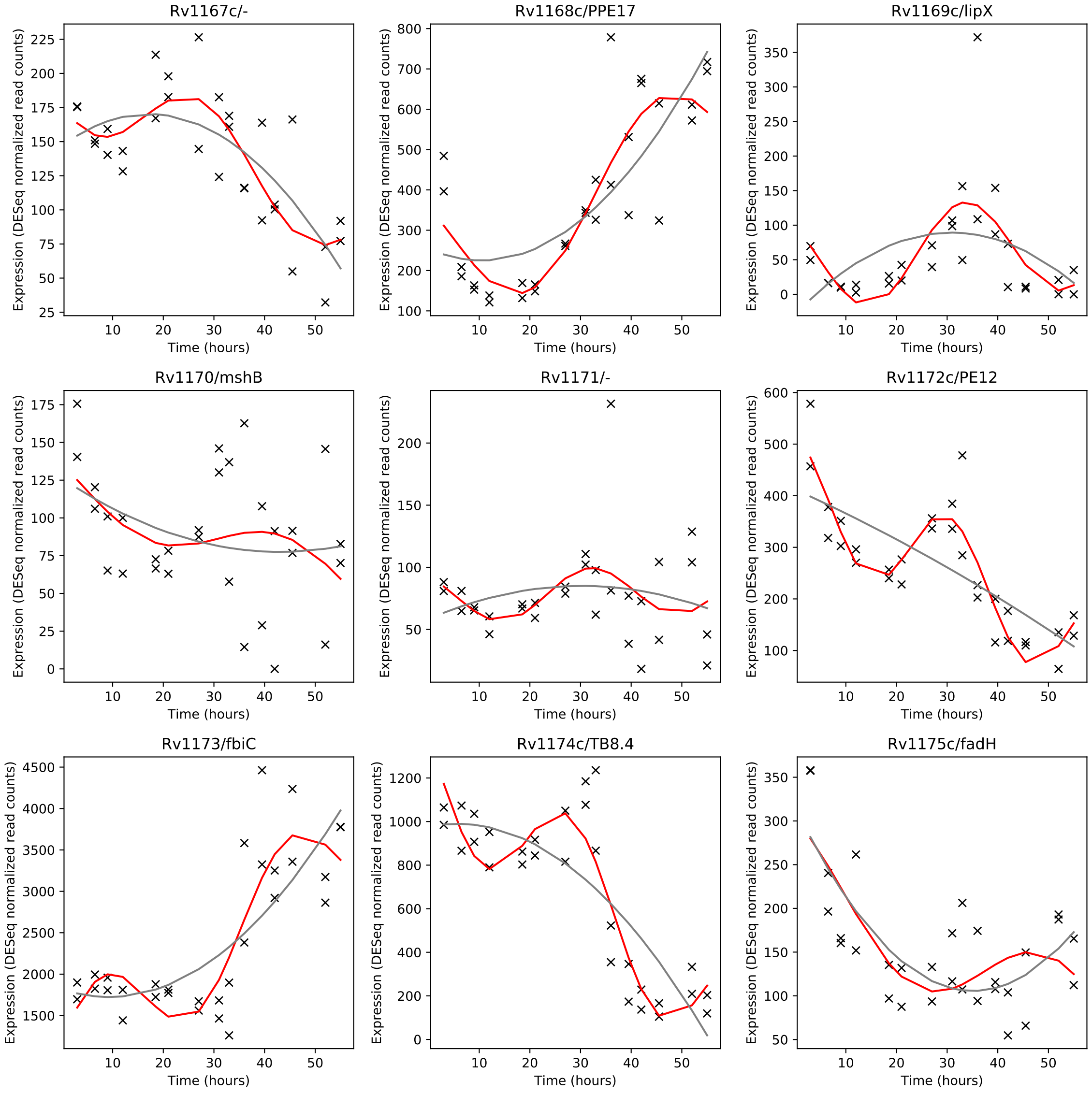

Rv1146/mmpL13b
Expression (DESeq normalized read counts)
Time (hours)

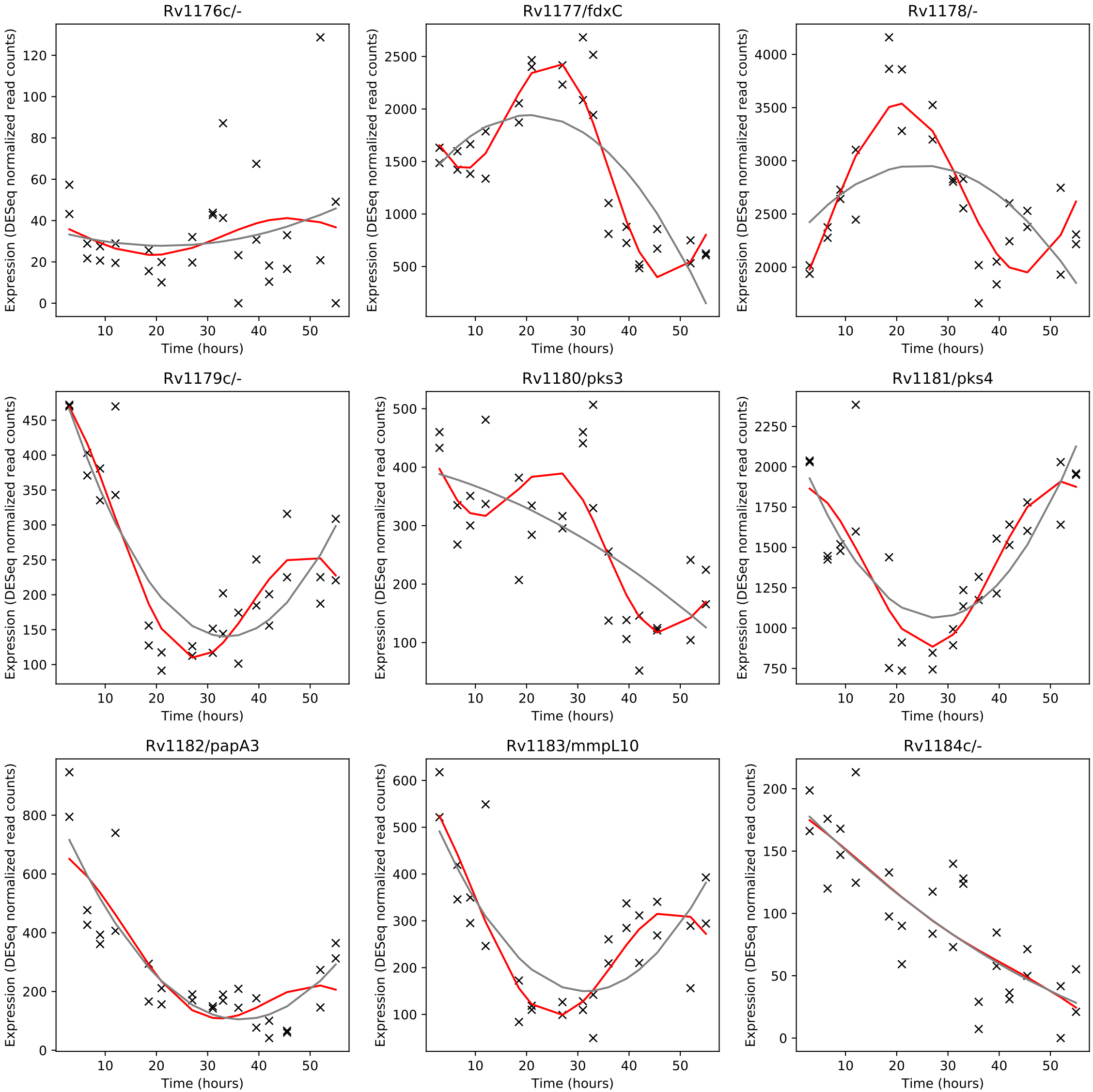

Rv1147/-
Expression (DESeq normalized read counts)
Time (hours)

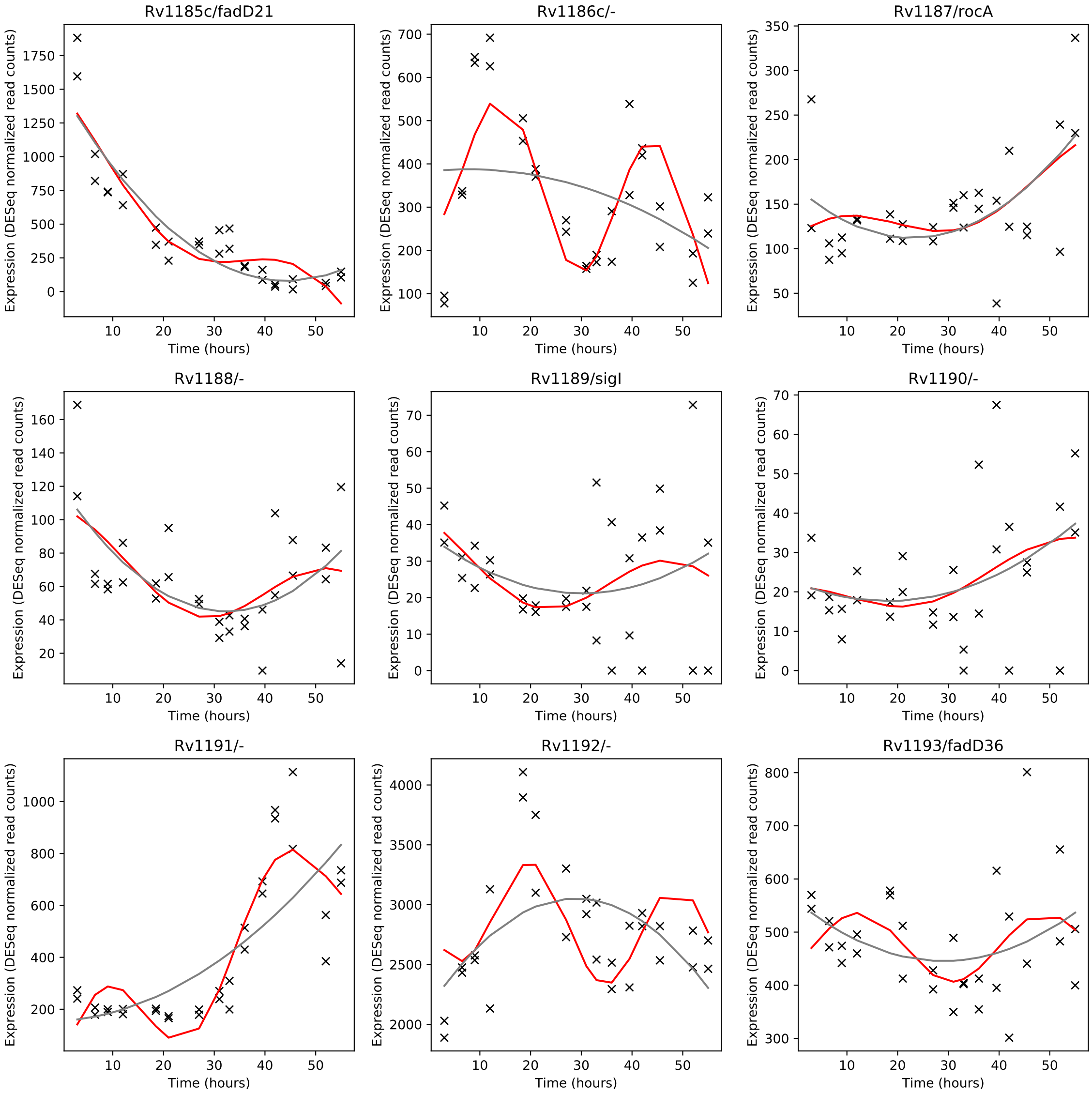

Rv1148c/-
Expression (DESeq normalized read counts)
Time (hours)

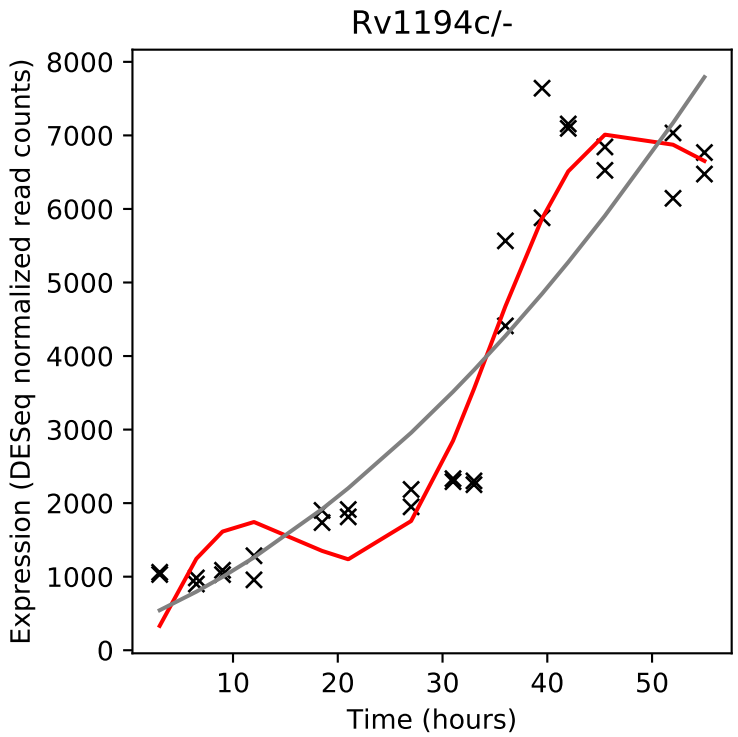

Rv1149/-
Rv1151c/-
Rv1152/-
Rv1153c/omt
Rv1154c/-
Rv1155/-
Rv1156/-
Rv1157c/-
Rv1158c/-
Expression (DESeq normalized read counts)
Time (hours)

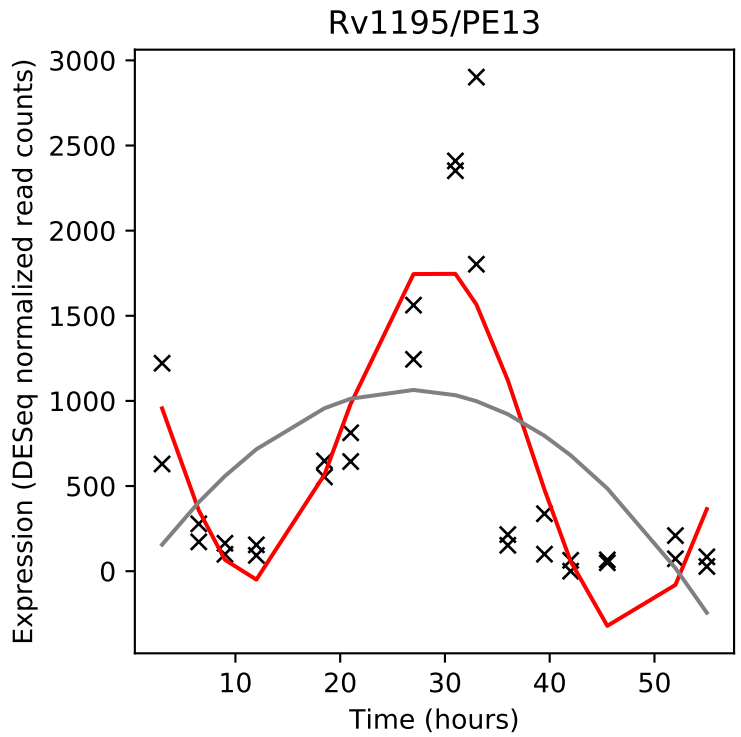

Rv1159/pimE
Rv1159A/-
Rv1160/mutT2
Rv1161/narG
Rv1162/narH
Rv1163/narJ
Rv1164/narI
Rv1165/typA
Rv1166/lpqW
Expression (DESeq normalized read counts)
Time (hours)

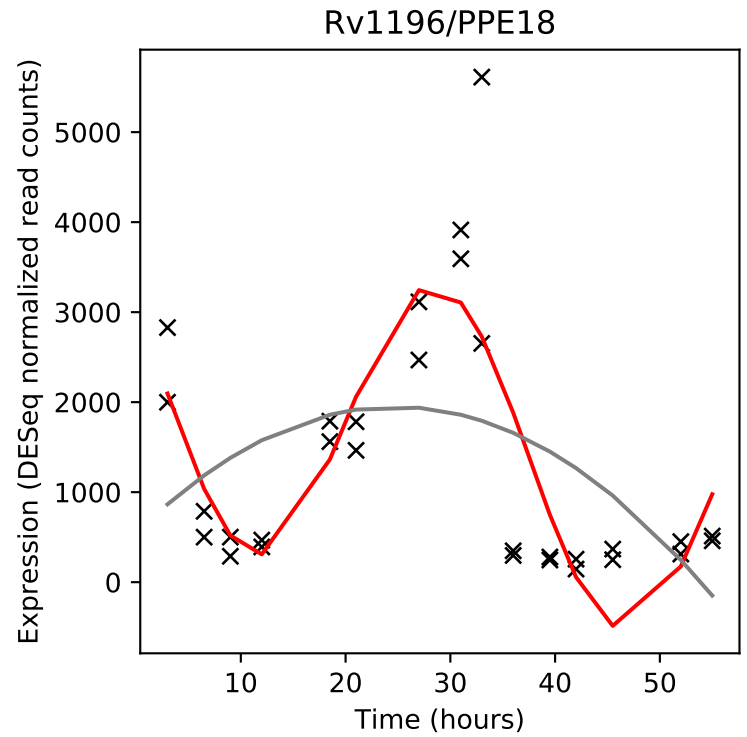

Rv1167c/-
Rv1168c/PPE17
Rv1169c/lipX
Rv1170/mshB
Rv1171/-
Rv1172c/PE12
Rv1173/fbiC
Rv1174c/TB8.4
Rv1175c/fadH
Expression (DESeq normalized read counts)
Time (hours)

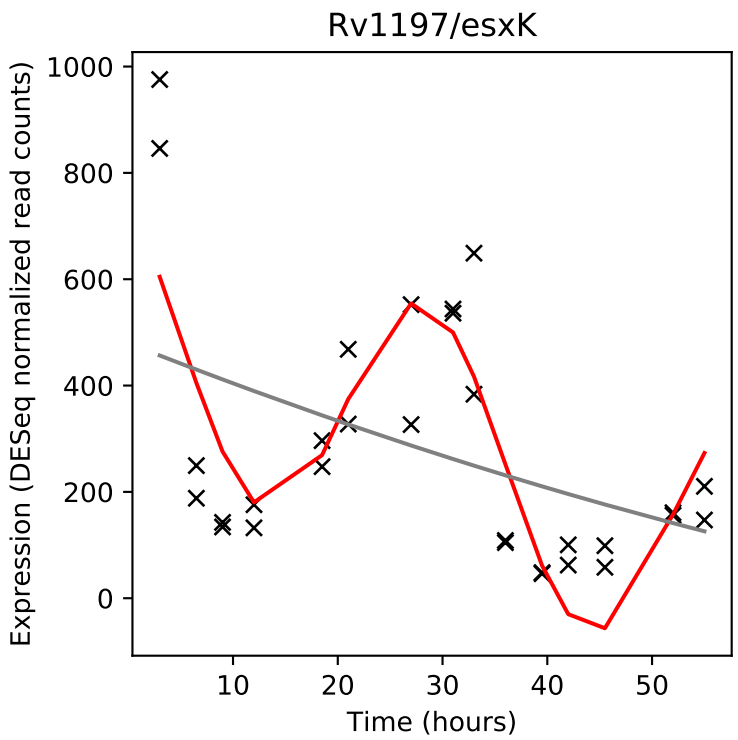

Rv1176c/-
Rv1177/fdxC
Rv1178/-
Rv1179c/-
Rv1180/pks3
Rv1181/pks4
Rv1182/papA3
Rv1183/mmpL10
Rv1184c/-
Expression (DESeq normalized read counts)
Time (hours)

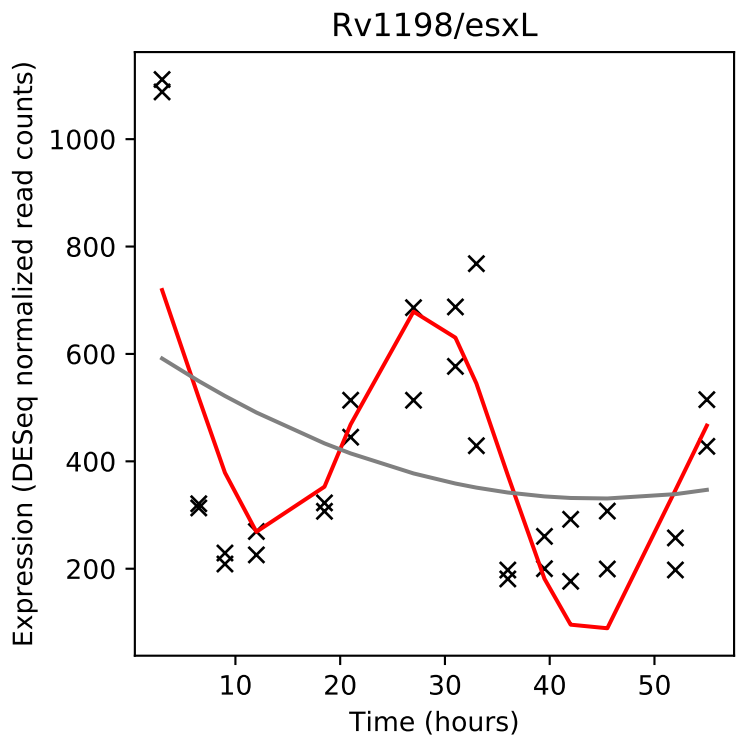

Rv1185c/fadD21
Rv1186c/-
Rv1187/rocA
Rv1188/-
Rv1189/sigI
Rv1190/-
Rv1191/-
Rv1192/-
Rv1193/fadD36
Expression (DESeq normalized read counts)
Time (hours)

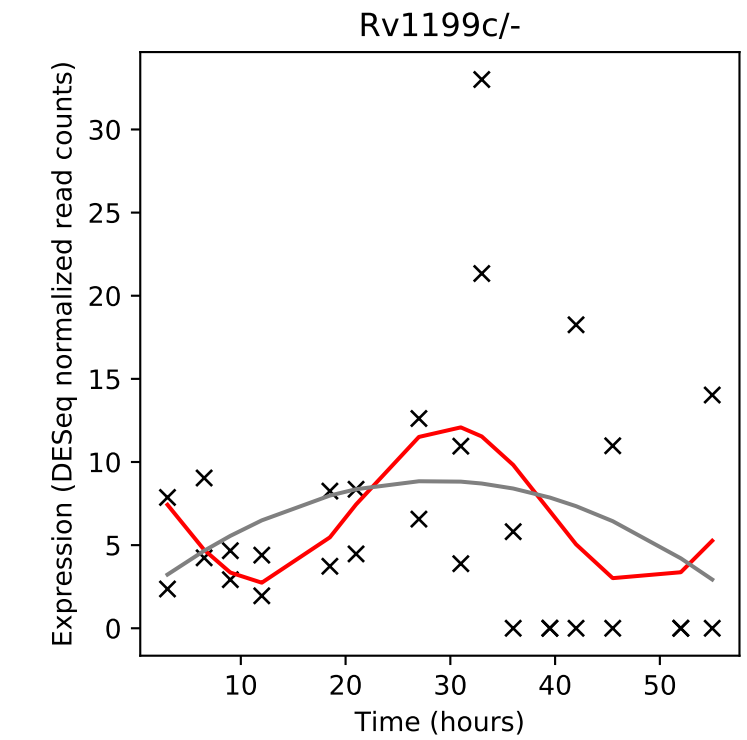

Rv1194c/-
Expression (DESeq normalized read counts)
Time (hours)

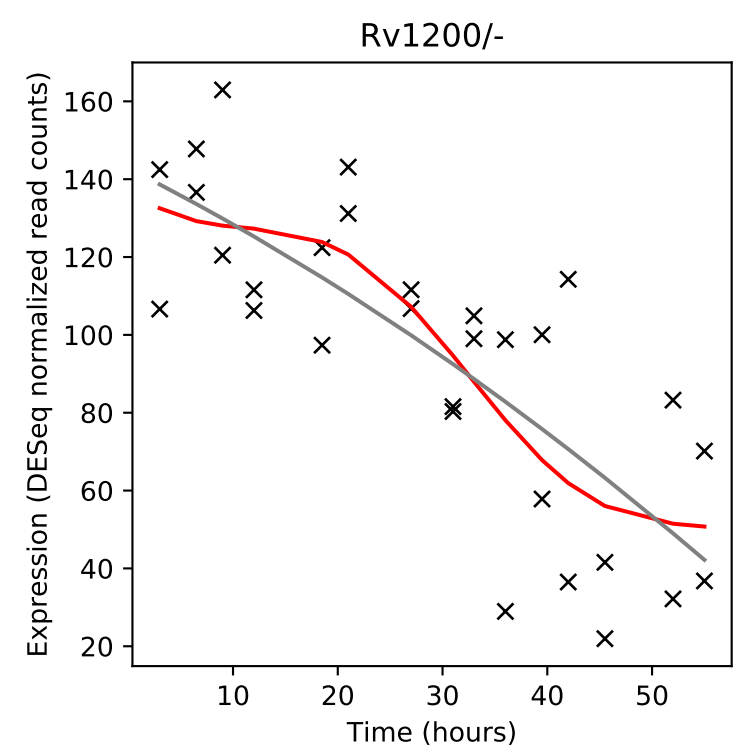

Rv1195/PE13
Expression (DESeq normalized read counts)
Time (hours)

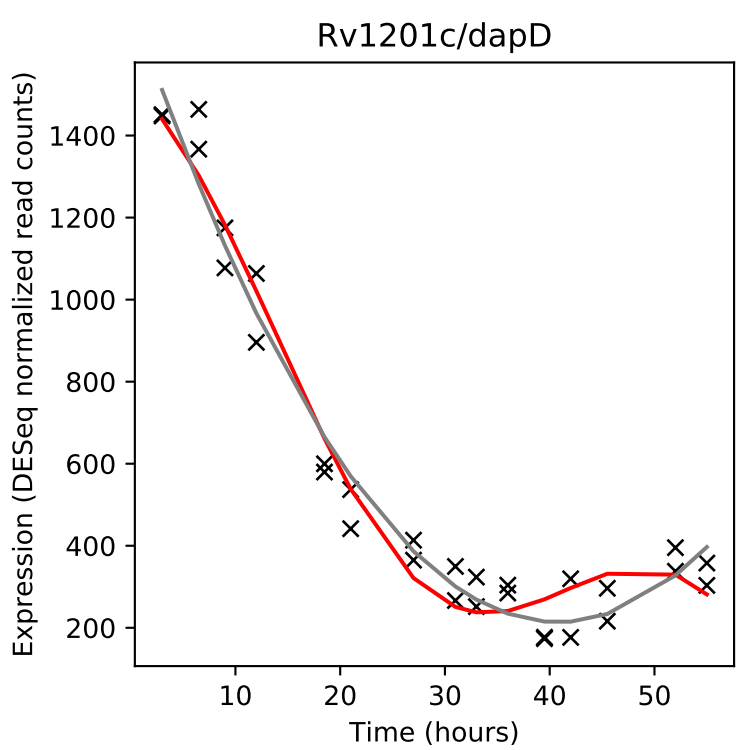

Rv1196/PPE18
Expression (DESeq normalized read counts)
Time (hours)

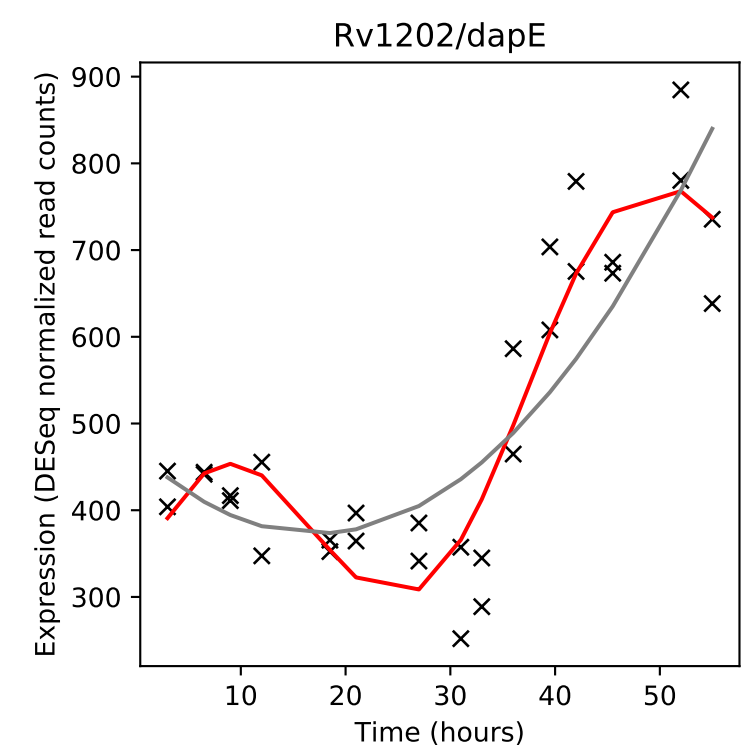

Rv1197/esxK
Expression (DESeq normalized read counts)
Time (hours)

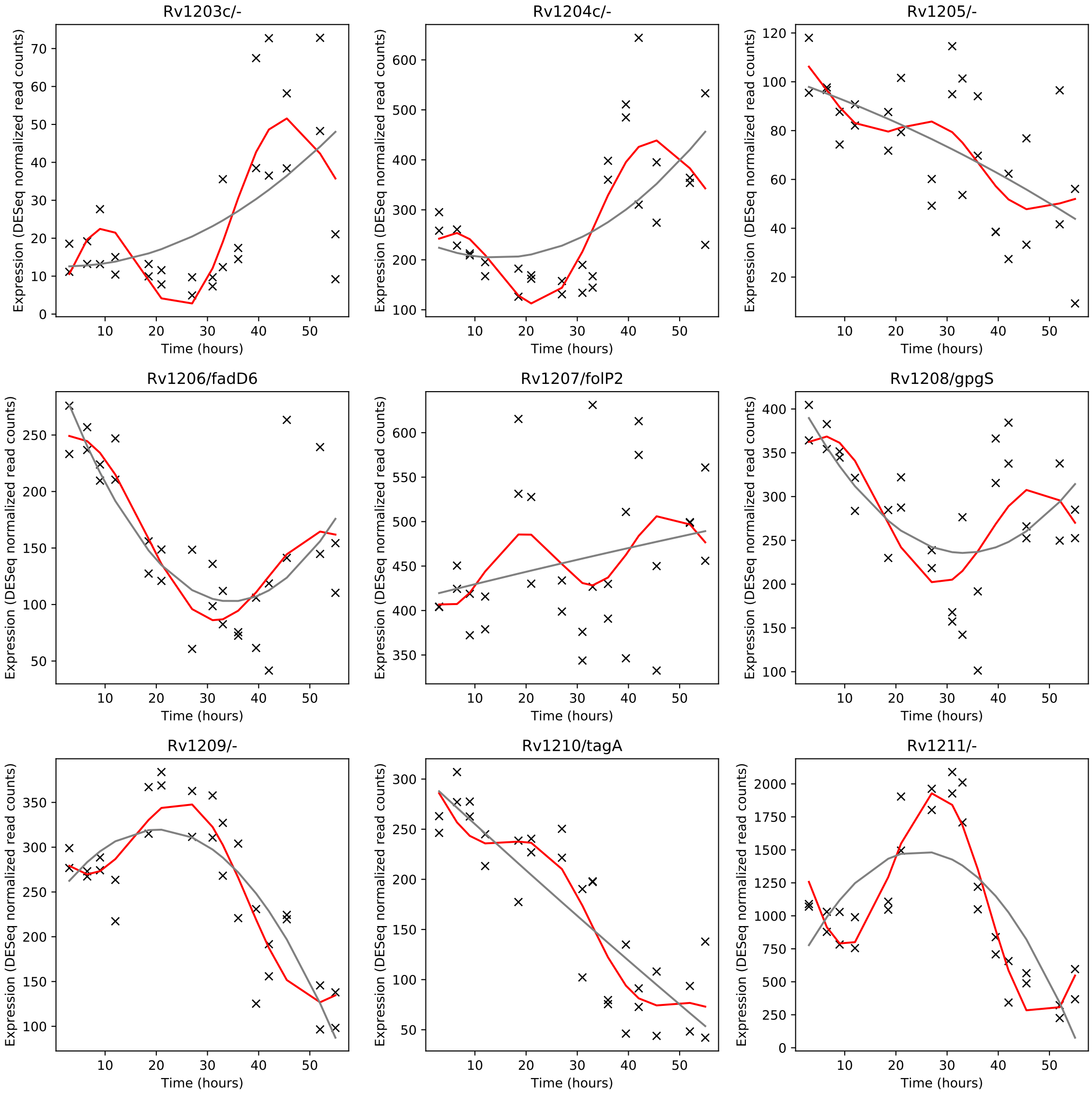

Rv1198/esxL
Expression (DESeq normalized read counts)
Time (hours)

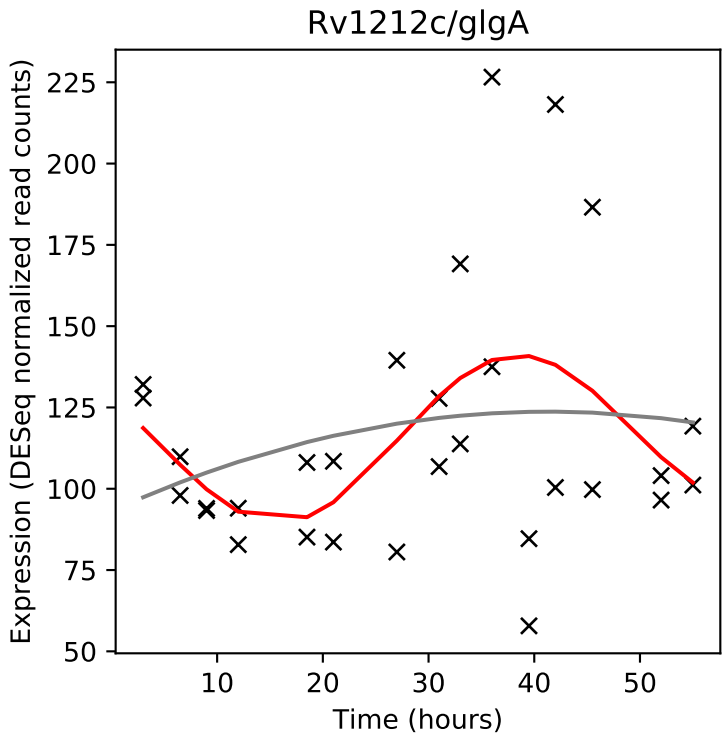

Rv1199c/-
Expression (DESeq normalized read counts)
Time (hours)

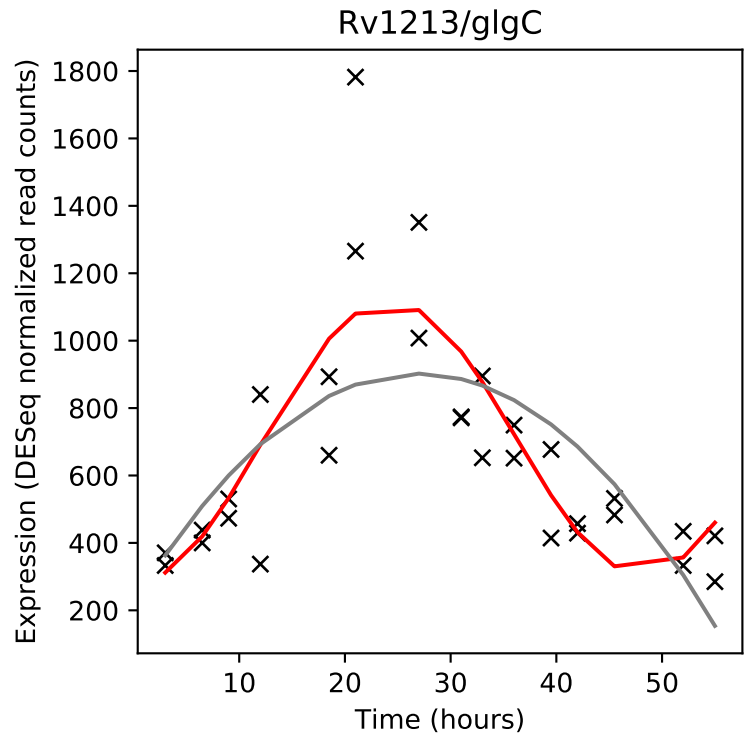

Rv1200/-
Expression (DESeq normalized read counts)
Time (hours)

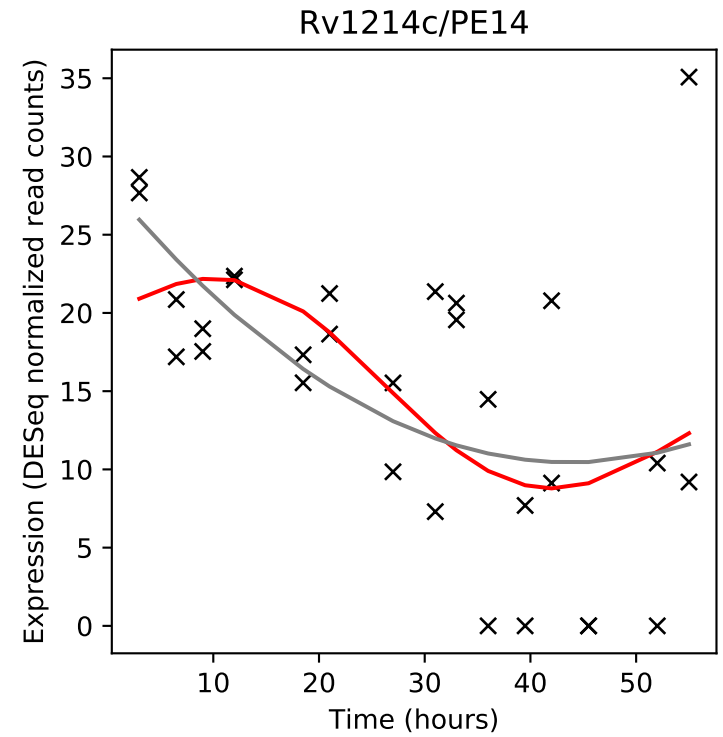

Rv1201c/dapD
Expression (DESeq normalized read counts)
Time (hours)

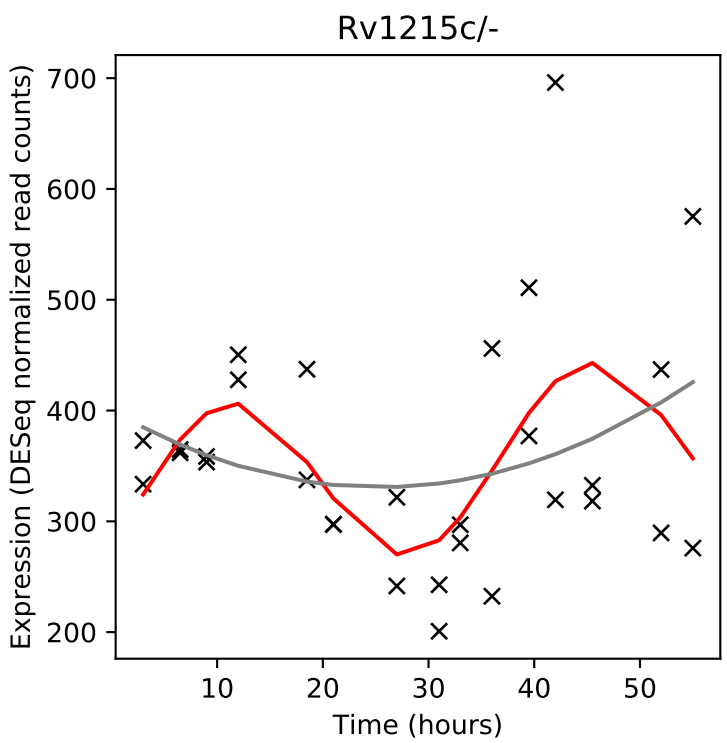

Rv1202/dapE
Expression (DESeq normalized read counts)
Time (hours)

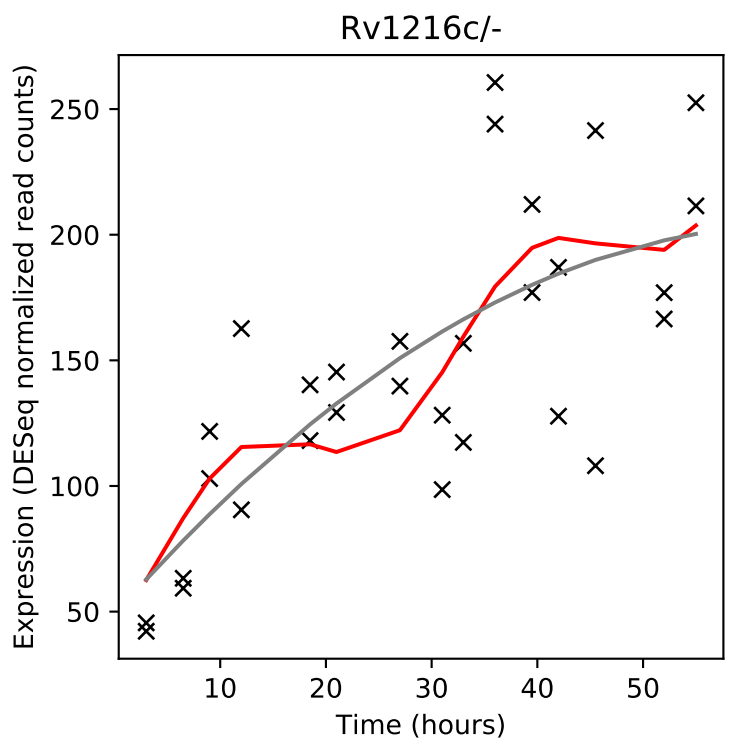

Rv1203c/-
Rv1204c/-
Rv1205/-
Rv1206/fadD6
Rv1207/folP2
Rv1208/gpgS
Rv1209/-
Rv1210/tagA
Rv1211/-
Expression (DESeq normalized read counts)
Time (hours)

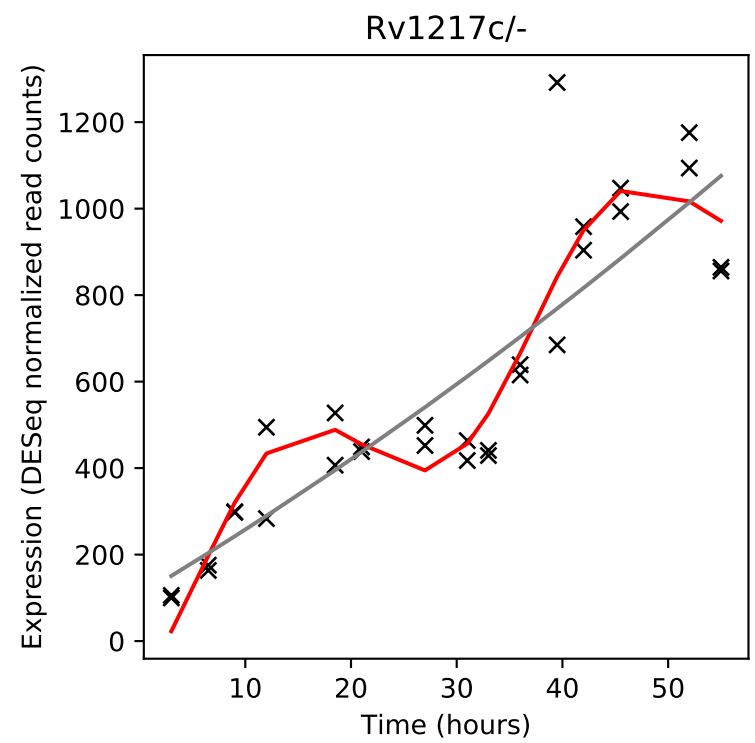

Rv1212c/glgA
Expression (DESeq normalized read counts)
Time (hours)

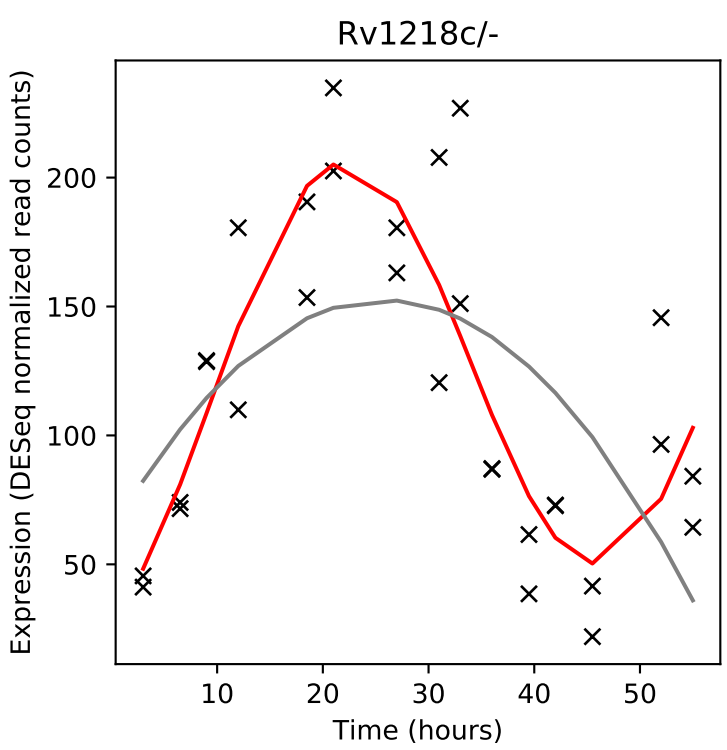

Rv1213/glgC
Expression (DESeq normalized read counts)
Time (hours)

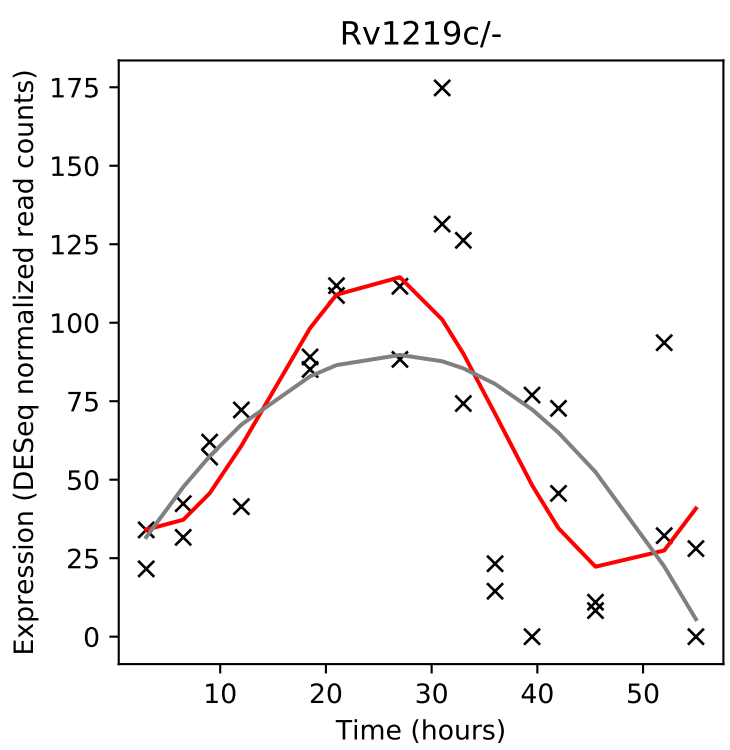

Rv1214c/PE14
Expression (DESeq normalized read counts)
Time (hours)

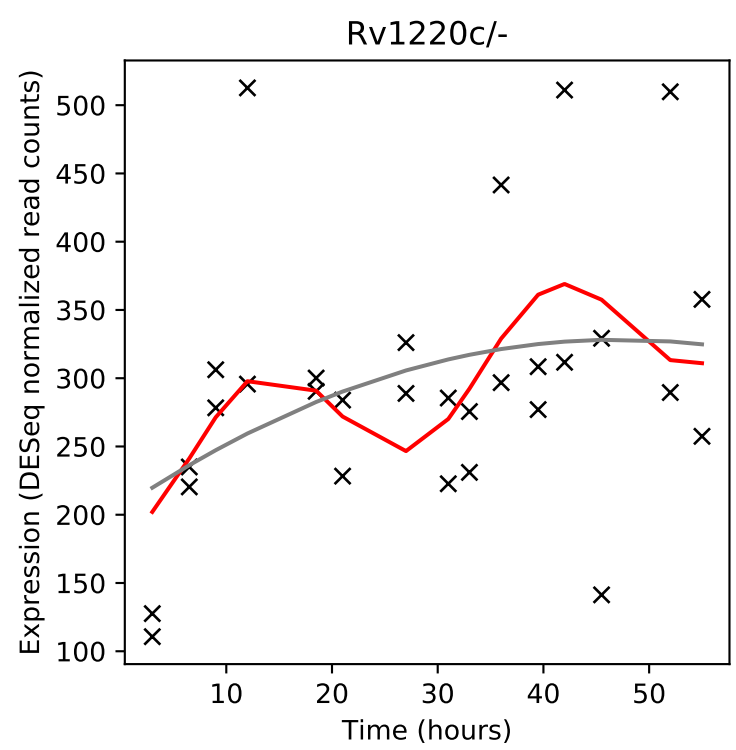

Rv1215c/-
Expression (DESeq normalized read counts)
Time (hours)

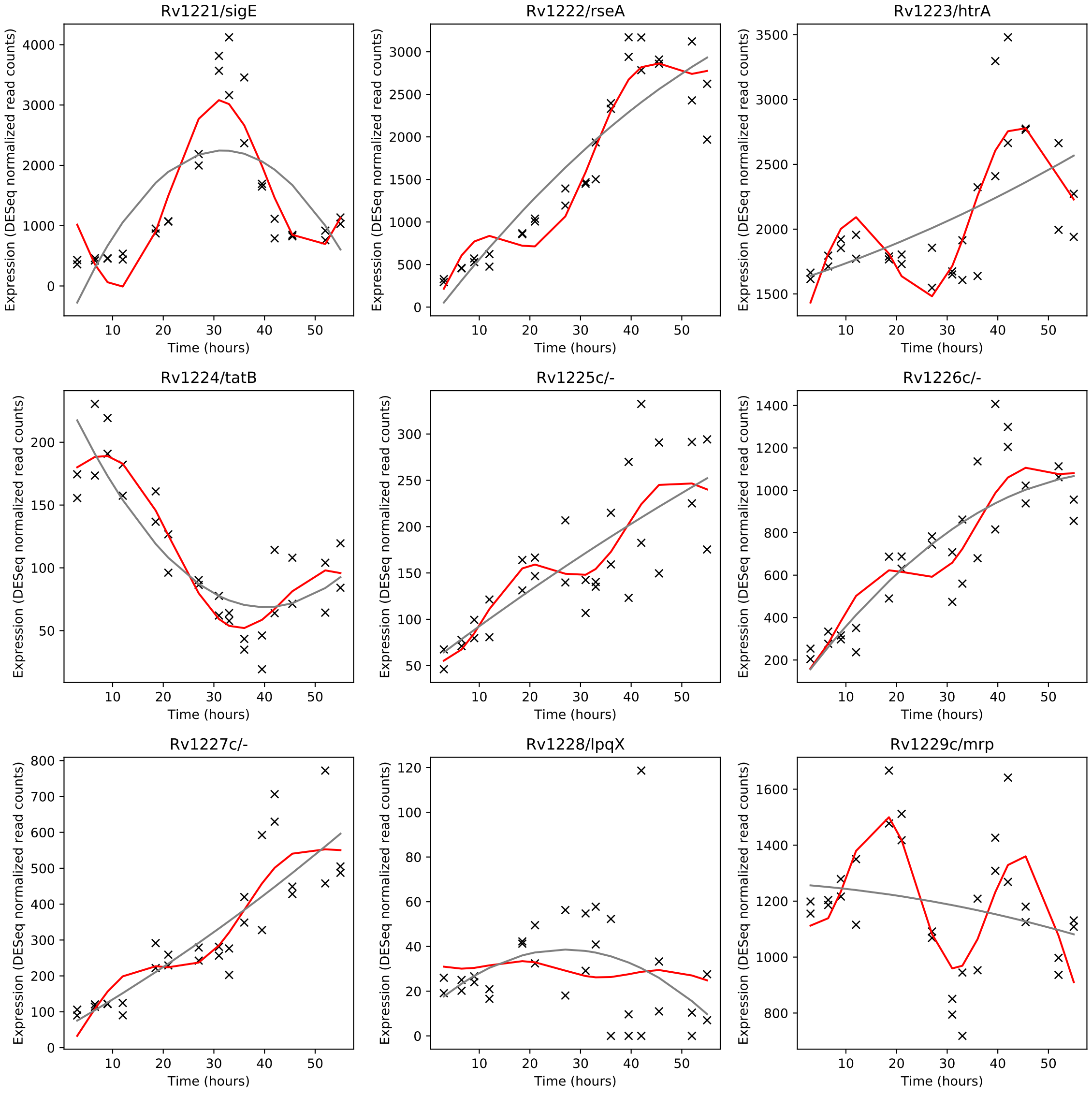

Rv1216c/-
Expression (DESeq normalized read counts)
Time (hours)

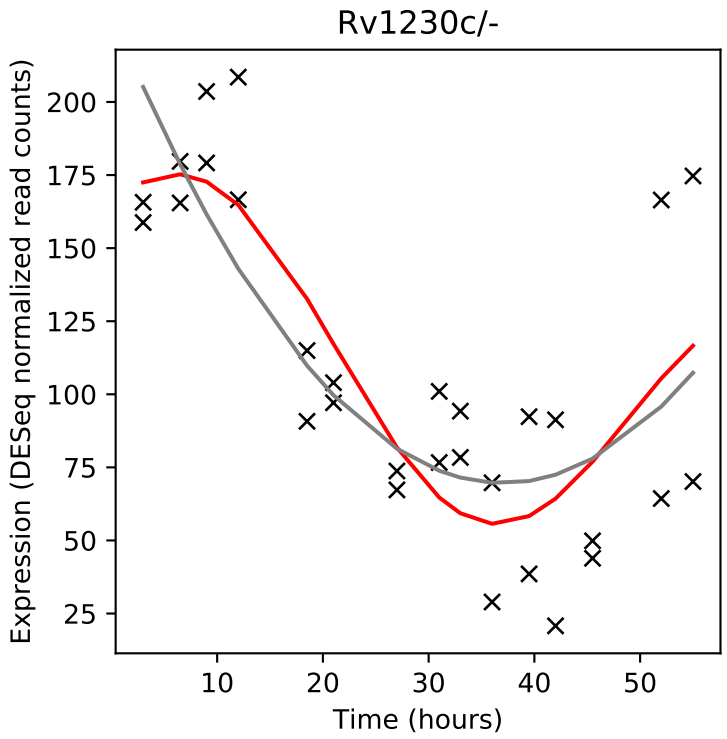

Rv1217c/-
Expression (DESeq normalized read counts)
Time (hours)

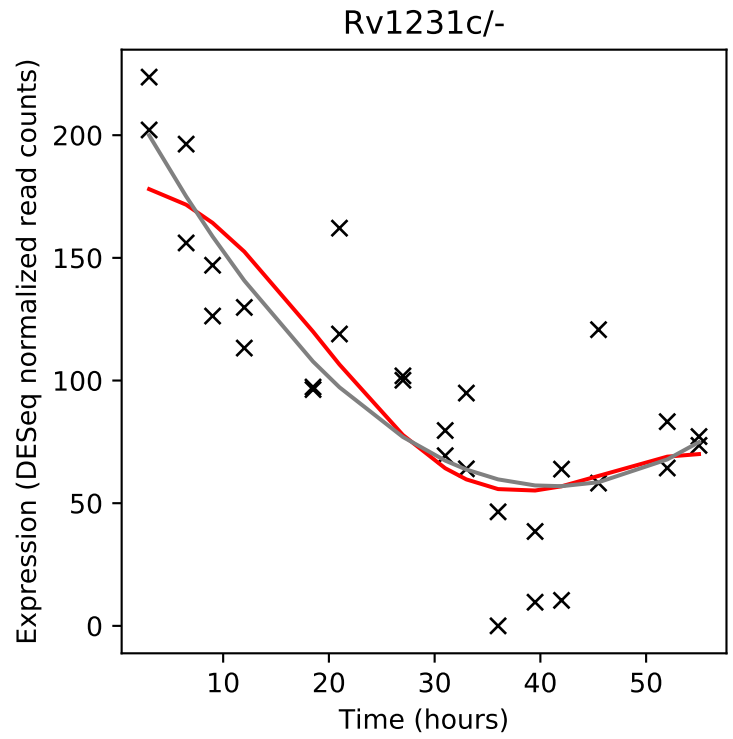

Rv1218c/-
Expression (DESeq normalized read counts)
Time (hours)

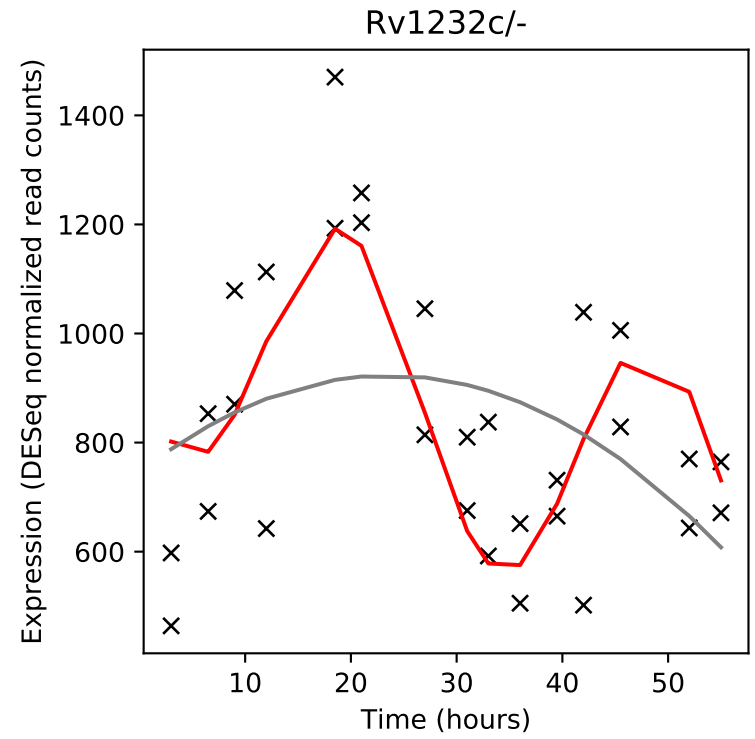

Rv1219c/-
Expression (DESeq normalized read counts)
Time (hours)

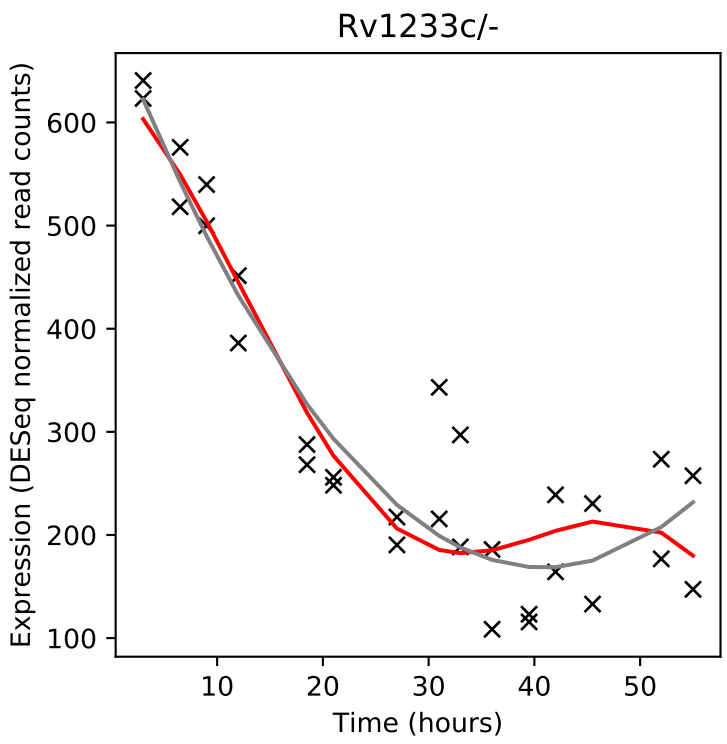

Rv1220c/-
Expression (DESeq normalized read counts)
Time (hours)

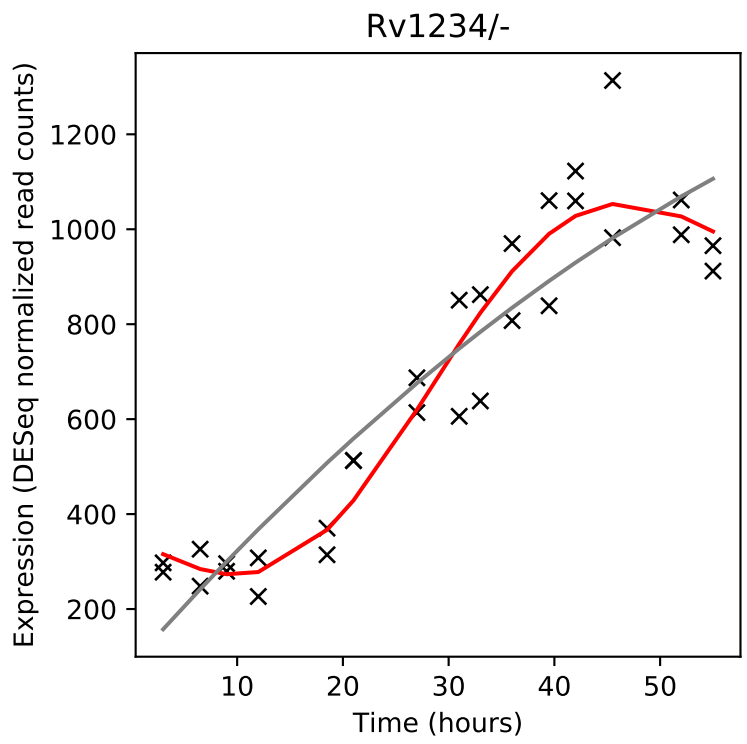

Rv1221/sigE
Rv1222/rseA
Rv1223/htrA
Rv1224/tatB
Rv1225c/-
Rv1226c/-
Rv1227c/-
Rv1228/lpqX
Rv1229c/mrp
Expression (DESeq normalized read counts)
Time (hours)

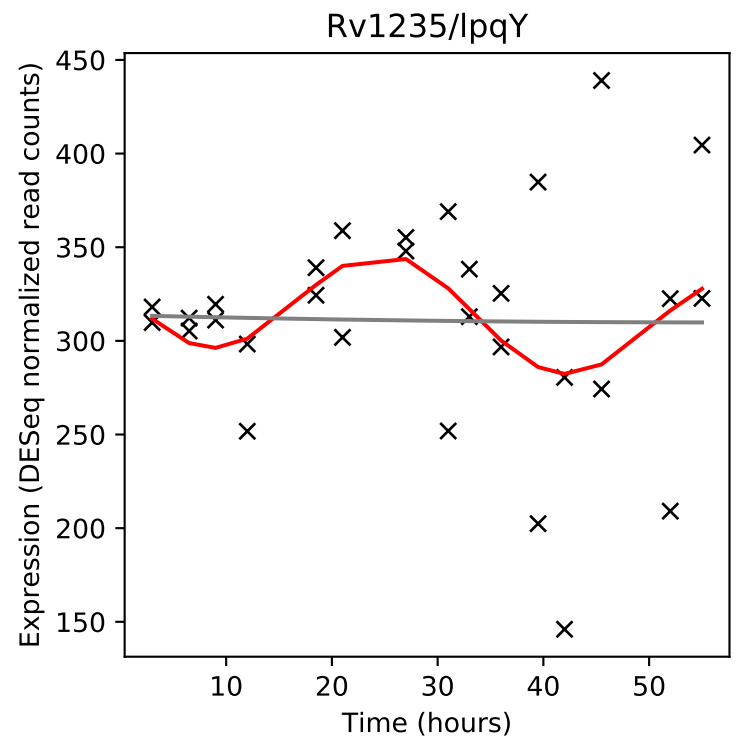

Rv1230c/-
Expression (DESeq normalized read counts)
Time (hours)

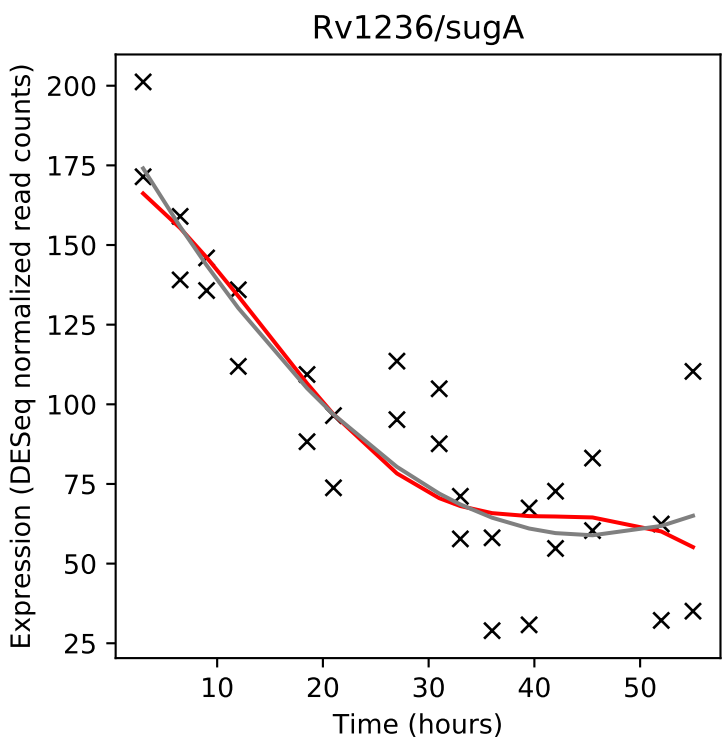

Rv1231c/-
Expression (DESeq normalized read counts)
Time (hours)

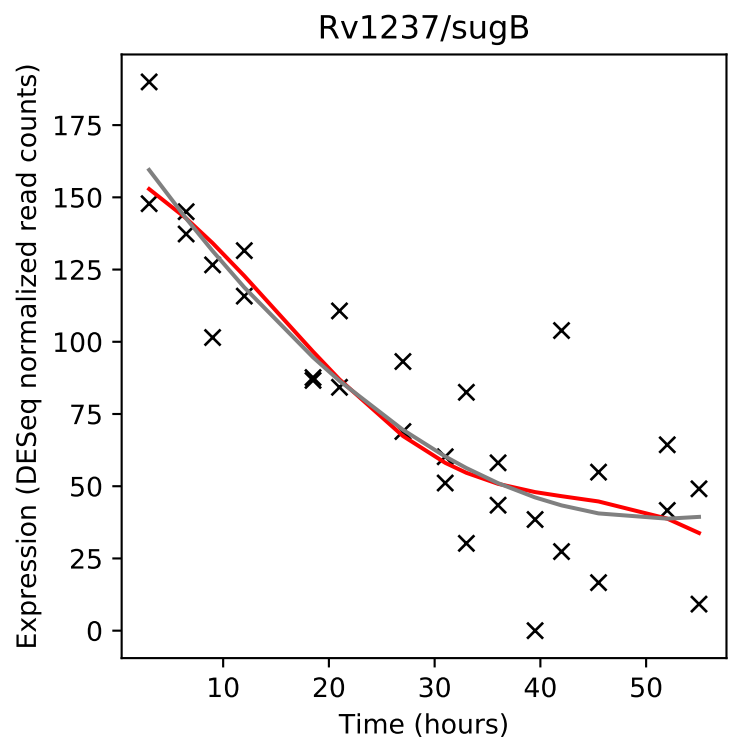

Rv1232c/-
Expression (DESeq normalized read counts)
Time (hours)

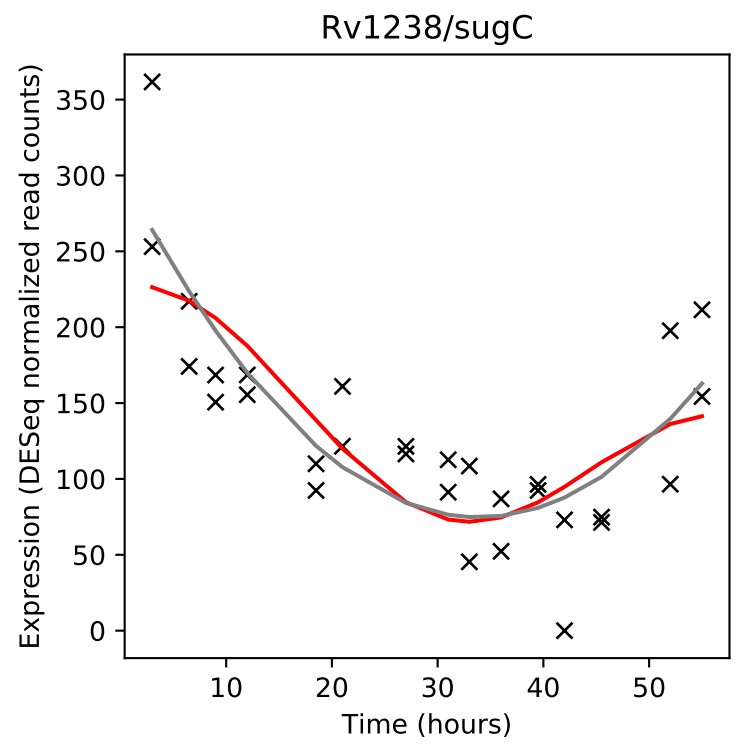

Rv1233c/-
Expression (DESeq normalized read counts)
Time (hours)

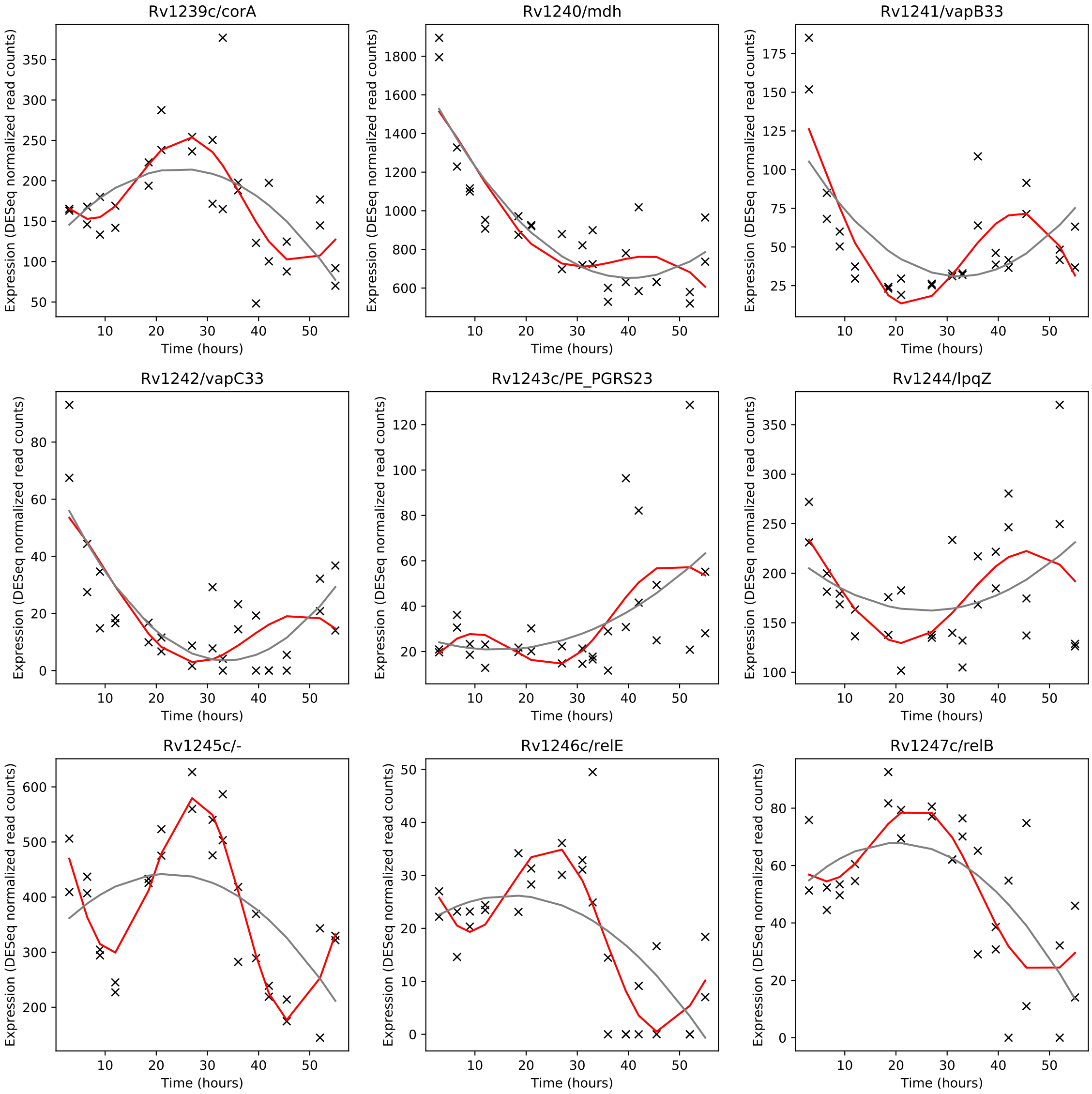

Rv1234/-
Expression (DESeq normalized read counts)
Time (hours)

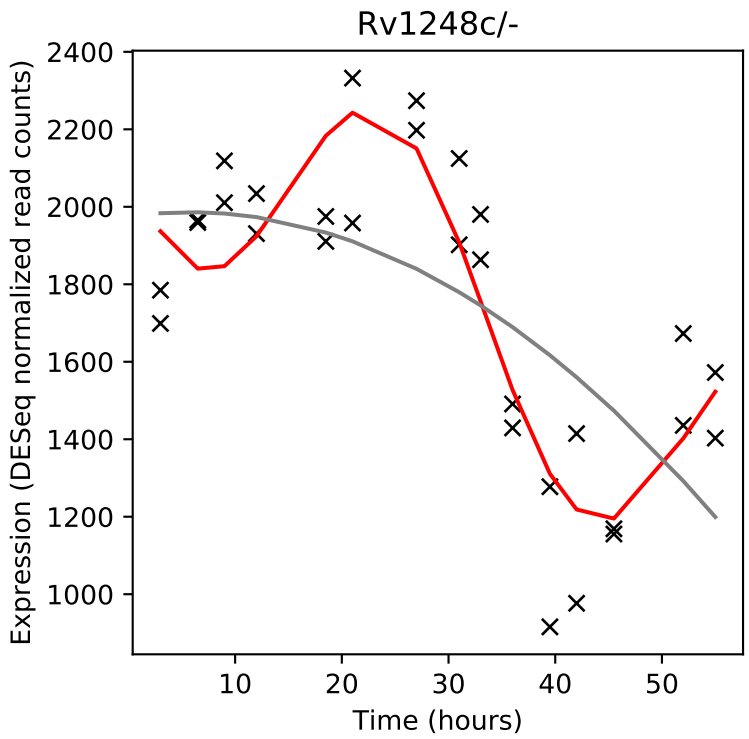

Rv1235/lpqY
Expression (DESeq normalized read counts)
Time (hours)

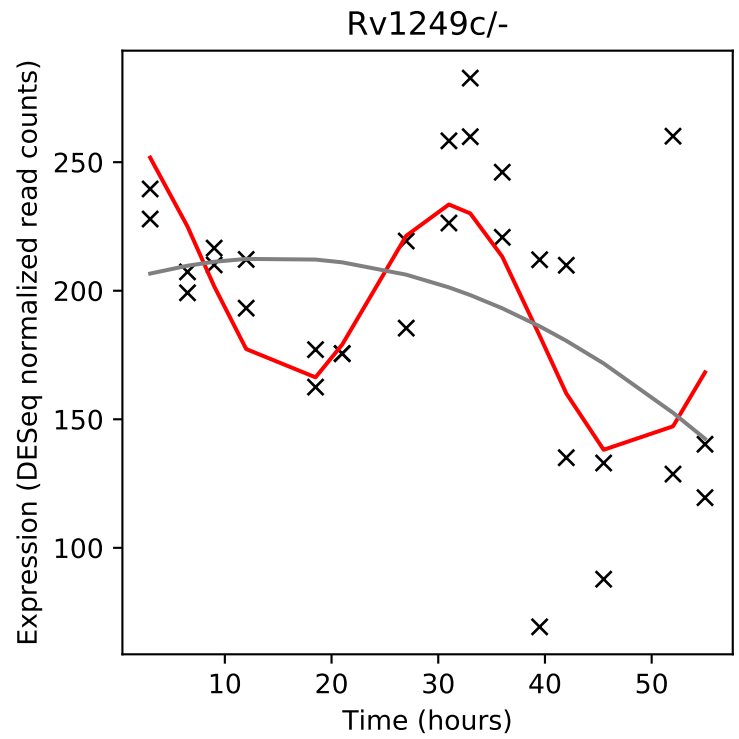

Rv1236/sugA
Expression (DESeq normalized read counts)
Time (hours)

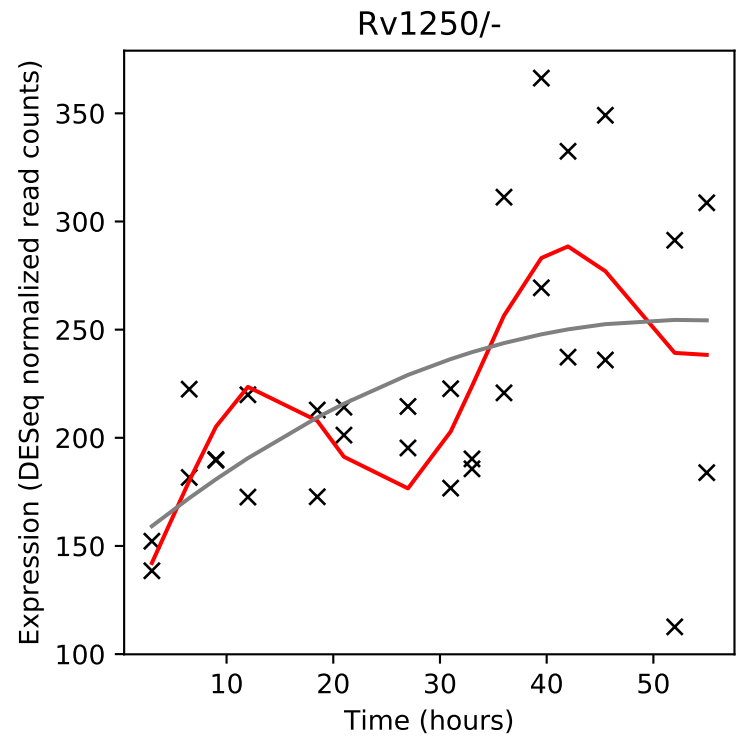

Rv1237/sugB
Expression (DESeq normalized read counts)
Time (hours)

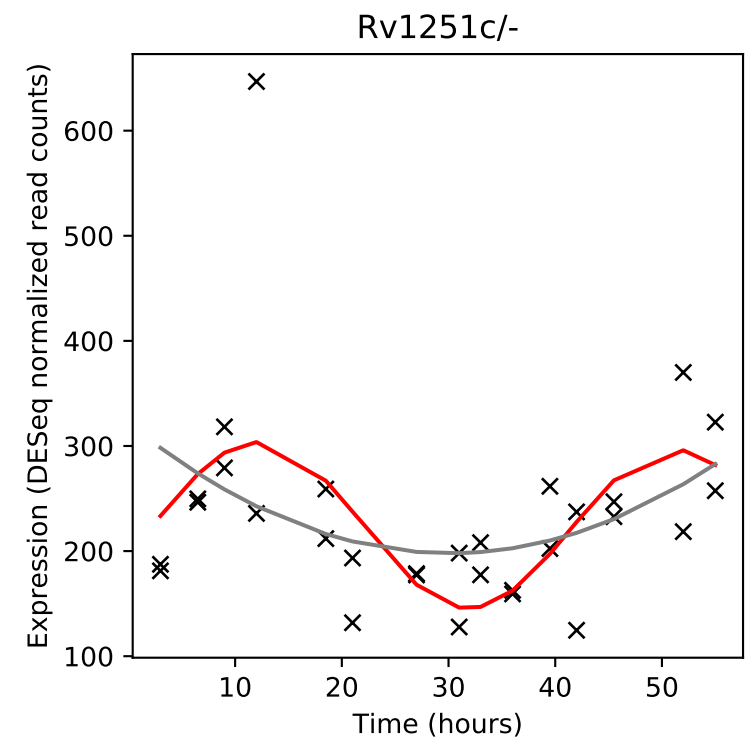

Rv1238/sugC
Expression (DESeq normalized read counts)
Time (hours)

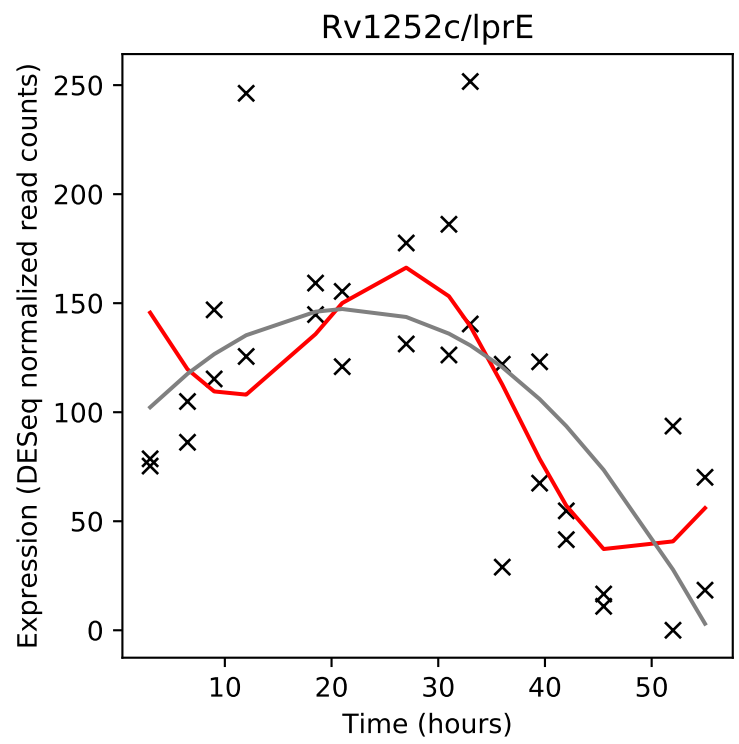

Rv1239c/corA
Rv1240/mdh
Rv1241/vapB33
Rv1242/vapC33
Rv1243c/PE_PGRS23
Rv1244/lpqZ
Rv1245c/-
Rv1246c/relE
Rv1247c/relB
Expression (DESeq normalized read counts)
Time (hours)

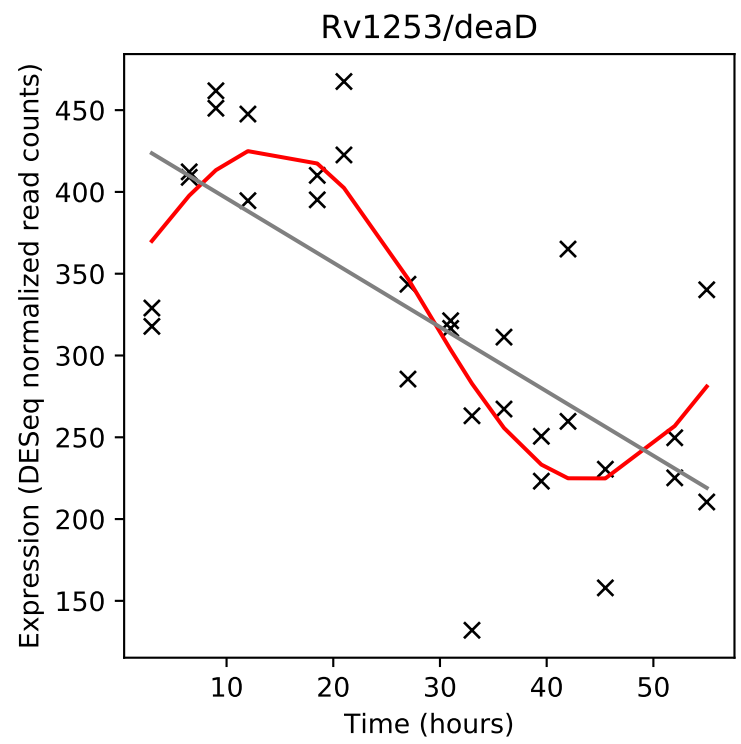

Rv1248c/-
Expression (DESeq normalized read counts)
Time (hours)

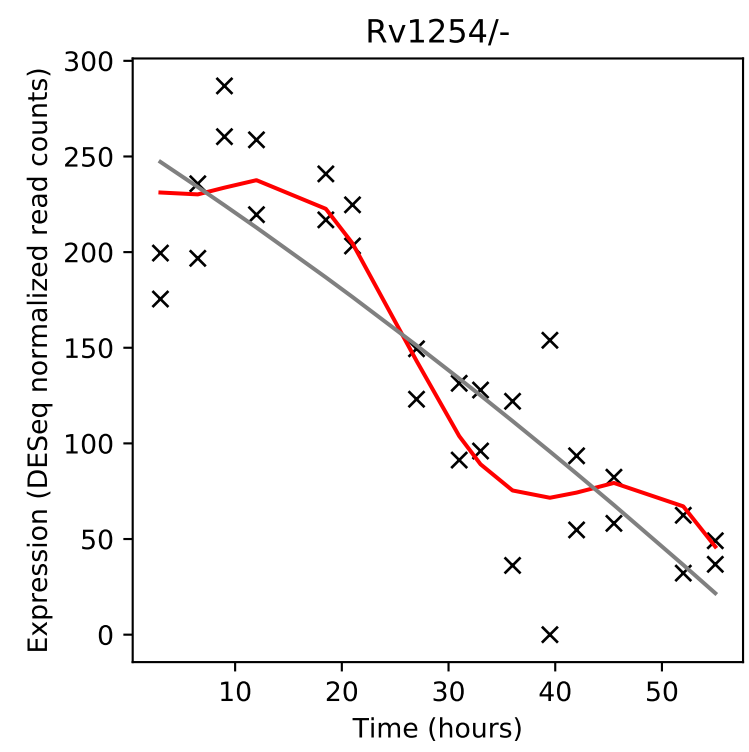

Rv1249c/-
Expression (DESeq normalized read counts)
Time (hours)

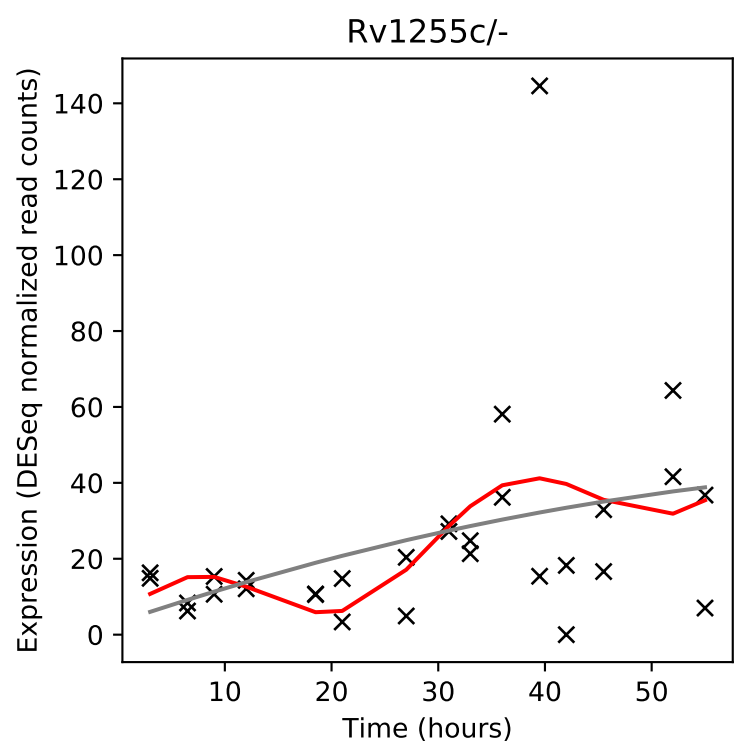

Rv1250/-
Expression (DESeq normalized read counts)
Time (hours)

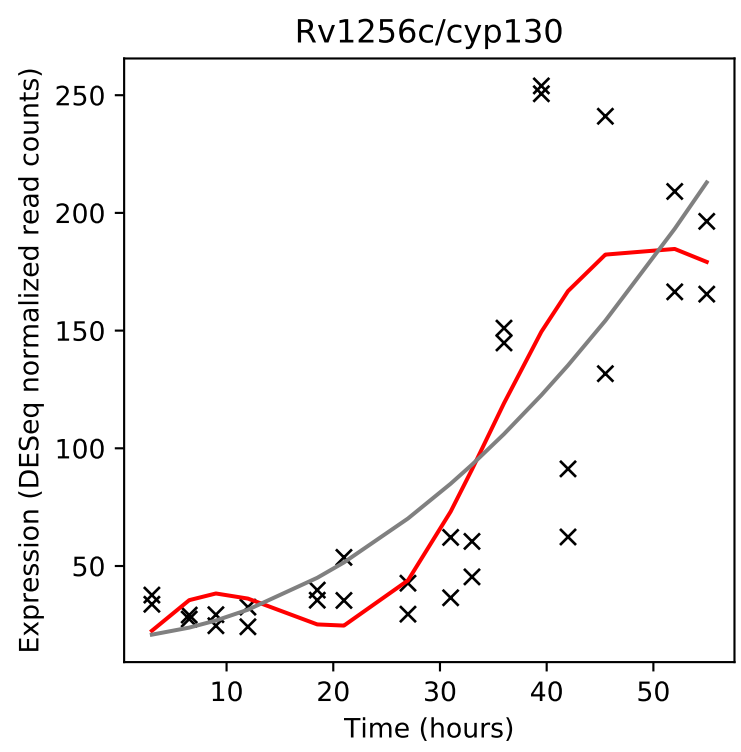

Rv1251c/-
Expression (DESeq normalized read counts)
Time (hours)

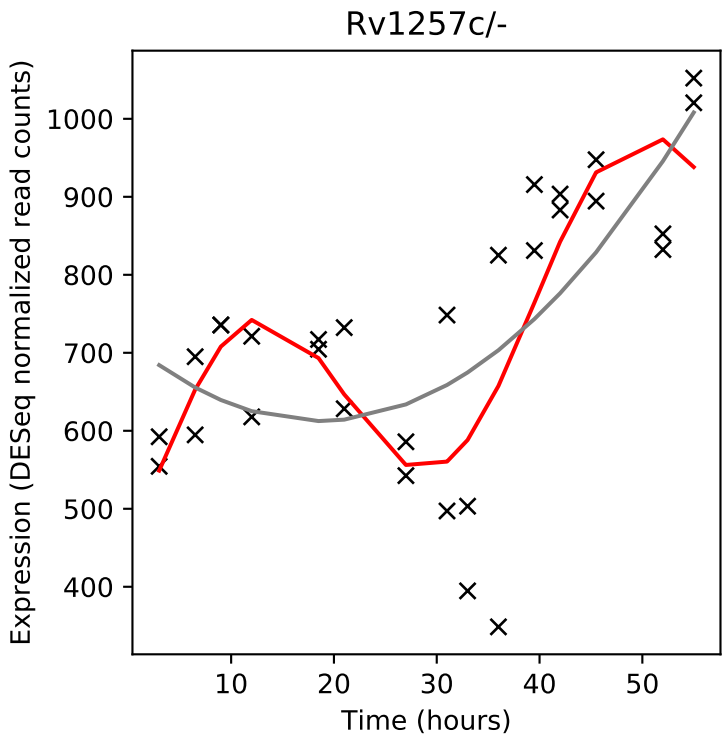

Rv1252c/lprE
Expression (DESeq normalized read counts)
Time (hours)

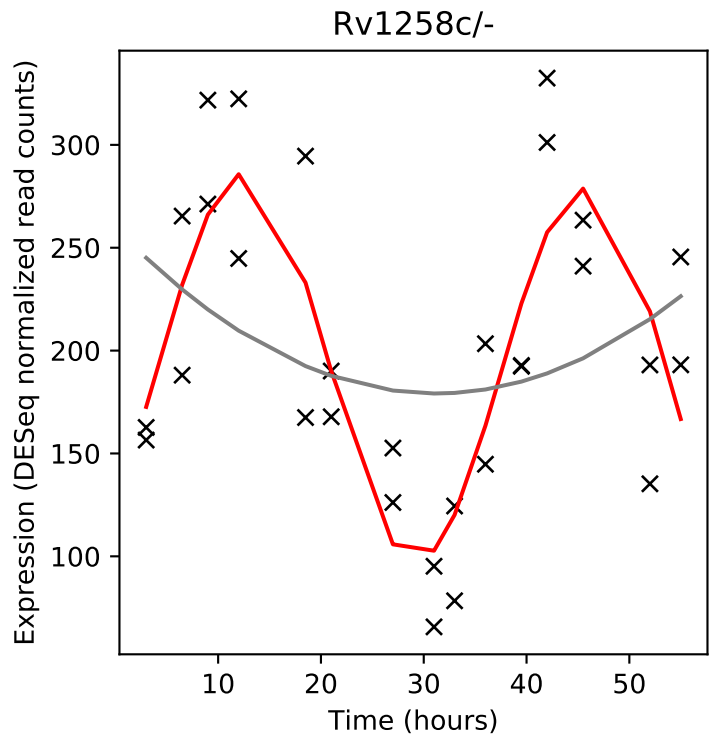

Rv1253/deaD
Expression (DESeq normalized read counts)
Time (hours)

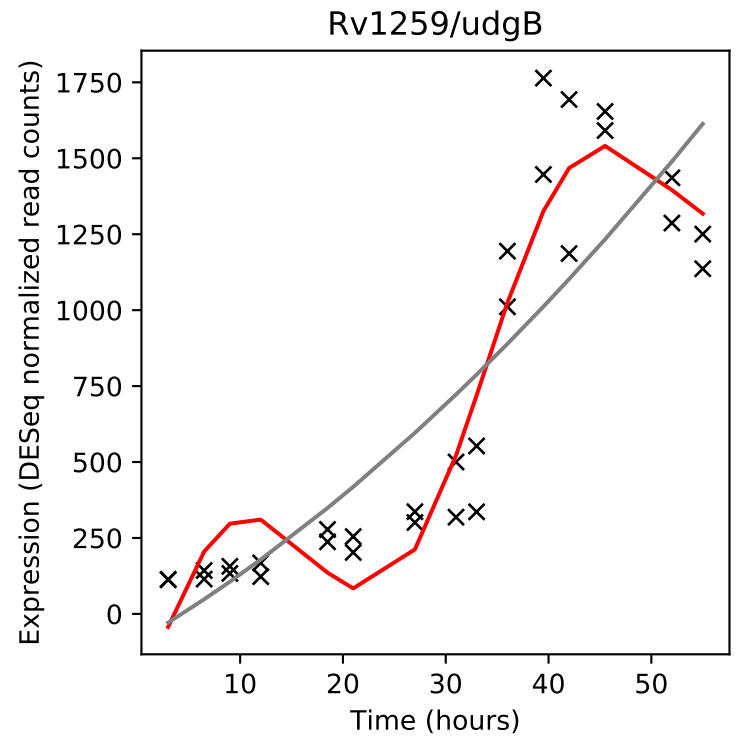

Rv1254/-
Expression (DESeq normalized read counts)
Time (hours)

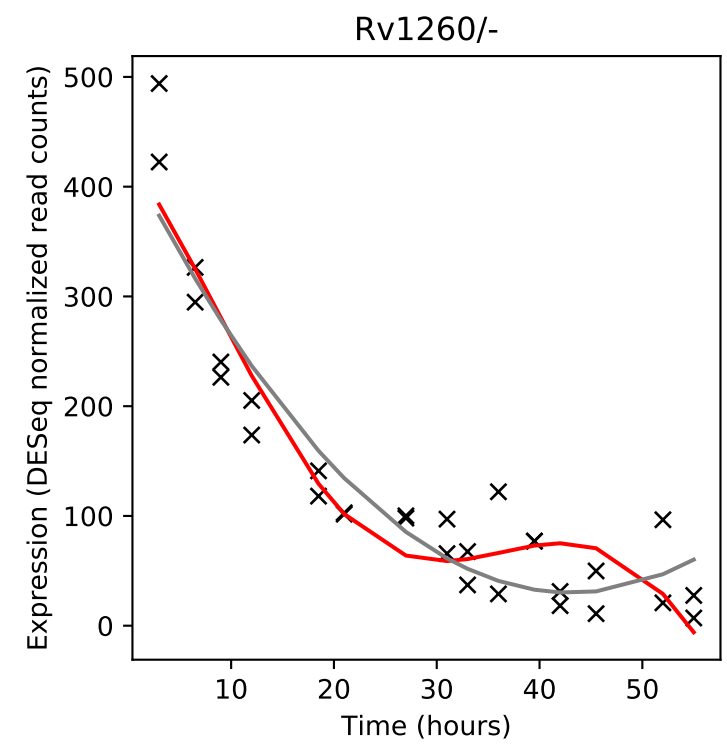

Rv1255c/-
Expression (DESeq normalized read counts)
Time (hours)

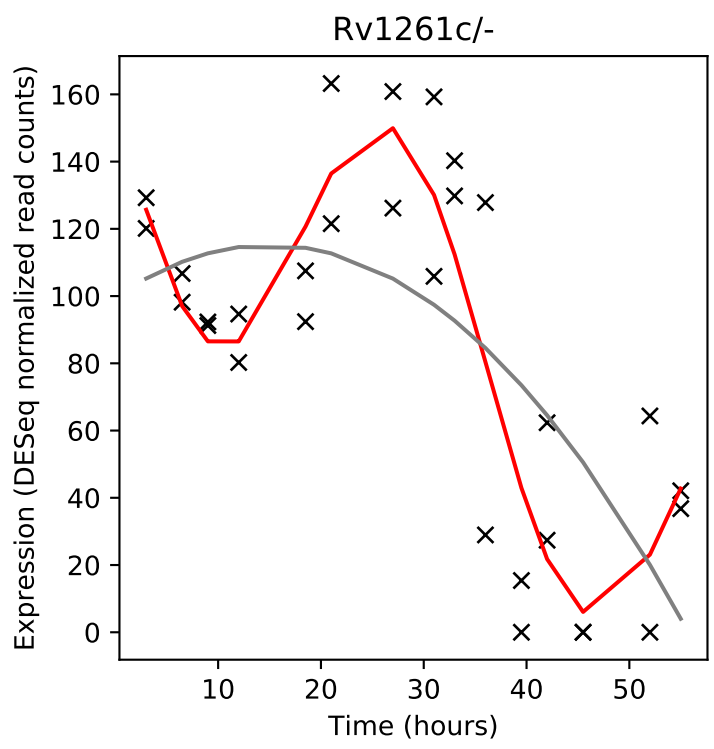

Rv1256c/cyp130
Expression (DESeq normalized read counts)
Time (hours)

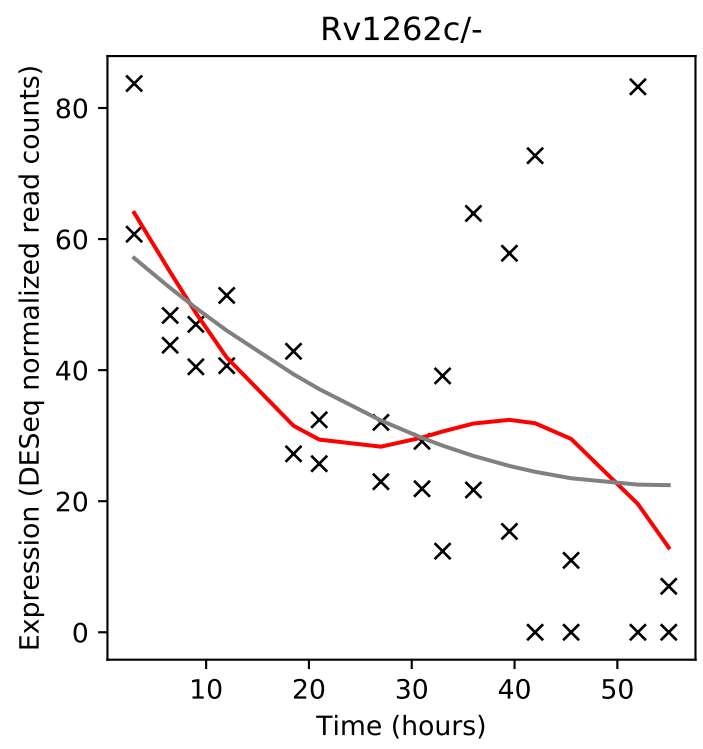

Rv1257c/-
Expression (DESeq normalized read counts)
Time (hours)

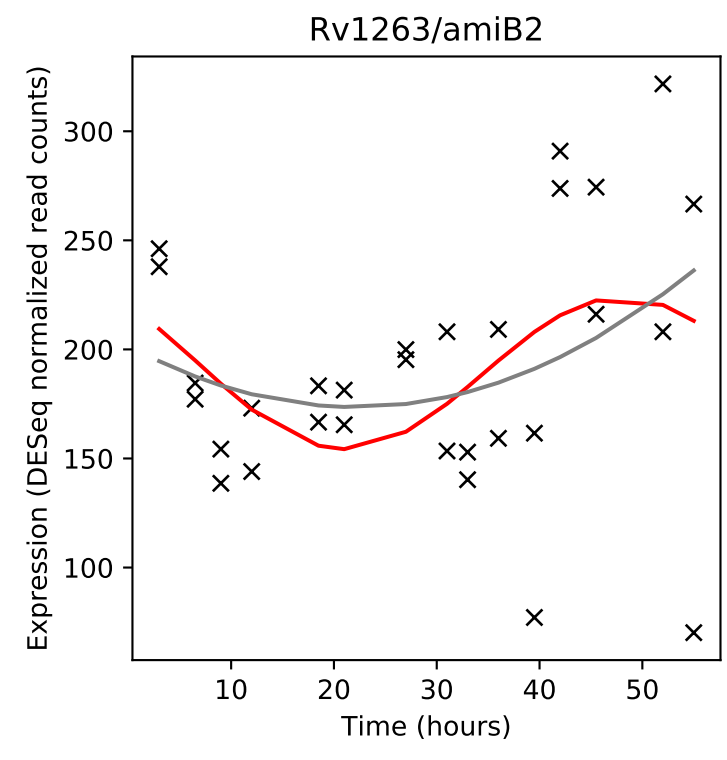

Rv1258c/-
Expression (DESeq normalized read counts)
Time (hours)

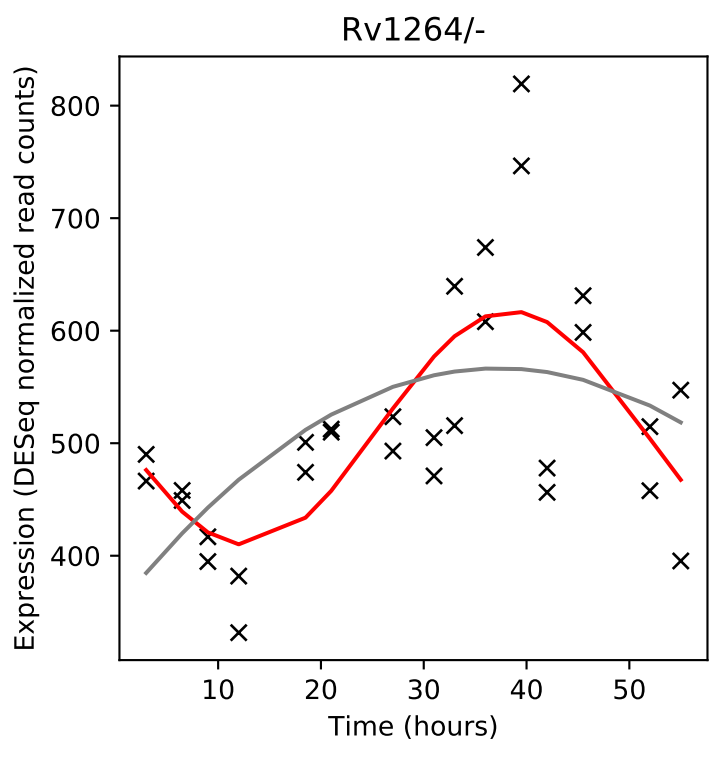

Rv1259/udgB
Expression (DESeq normalized read counts)
Time (hours)

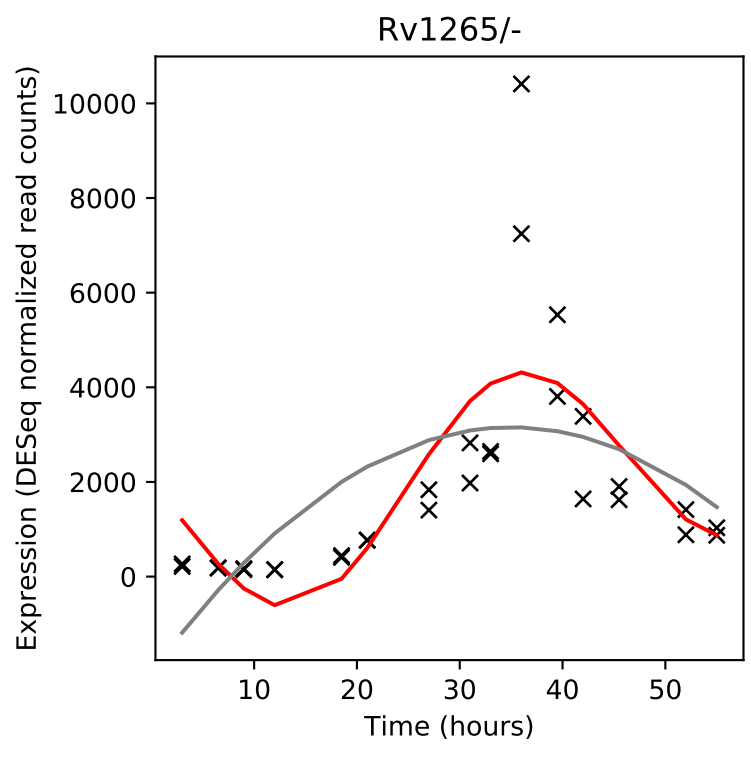

Rv1260/-
Expression (DESeq normalized read counts)
Time (hours)

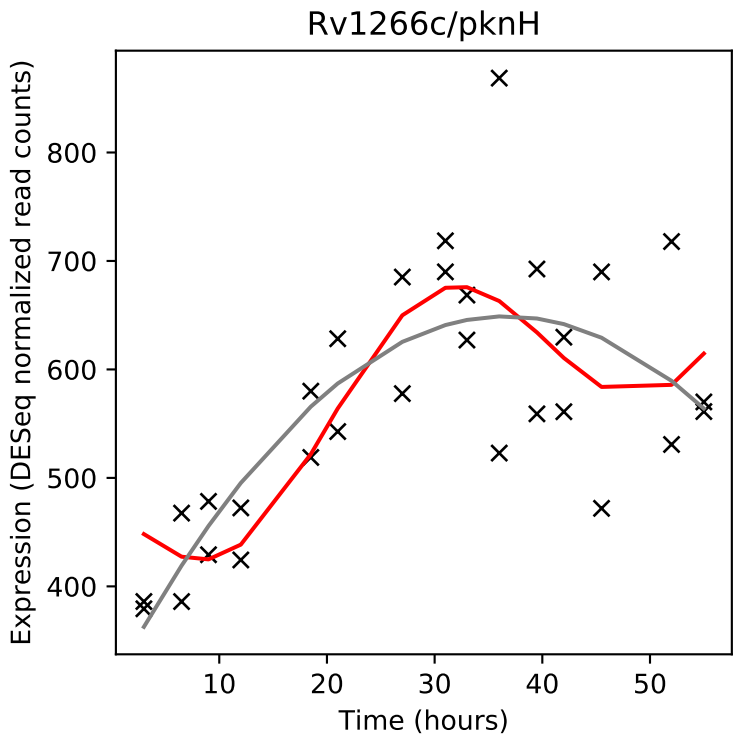

Rv1261c/-
Expression (DESeq normalized read counts)
Time (hours)

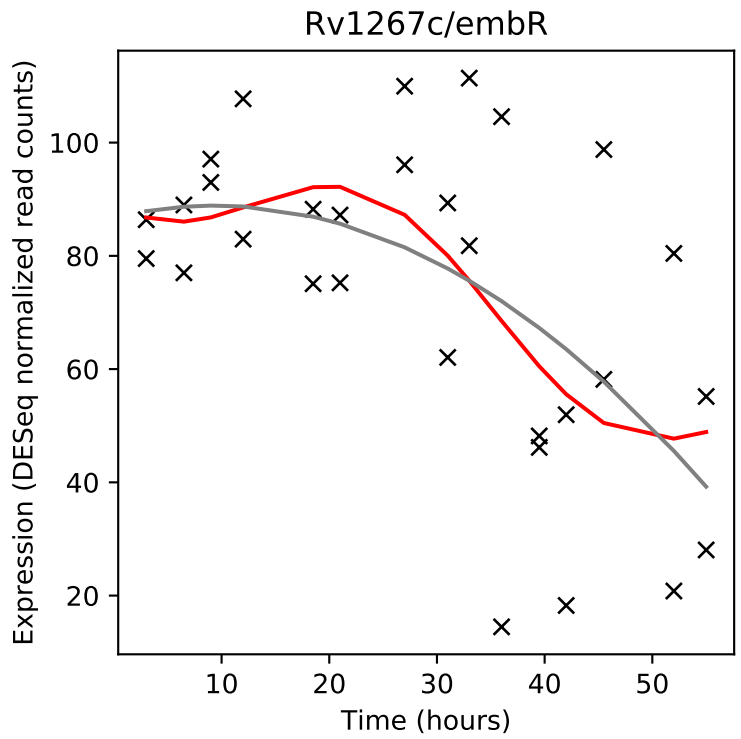

Rv1262c/-
Expression (DESeq normalized read counts)
Time (hours)

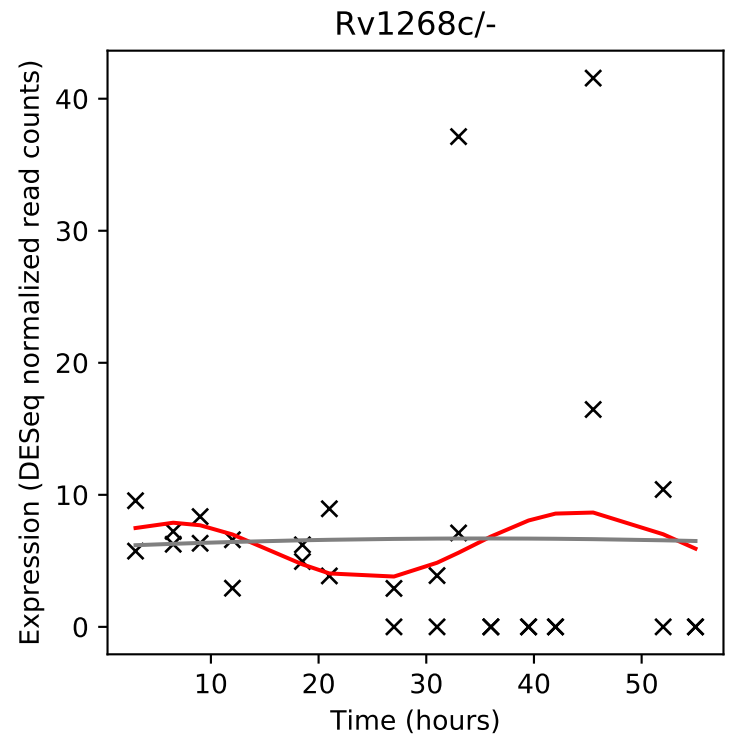

Rv1263/amiB2
Expression (DESeq normalized read counts)
Time (hours)

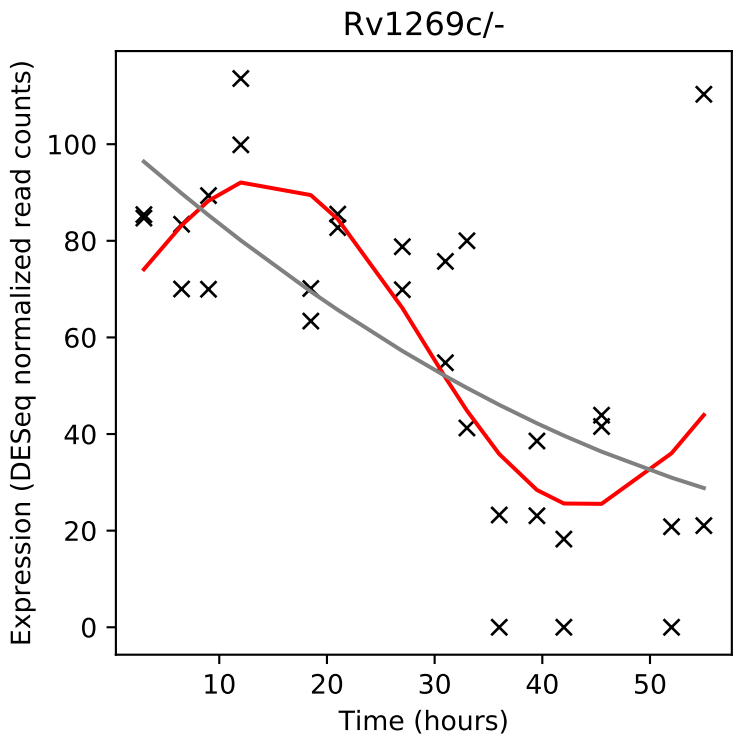

Rv1264/-
Expression (DESeq normalized read counts)
Time (hours)

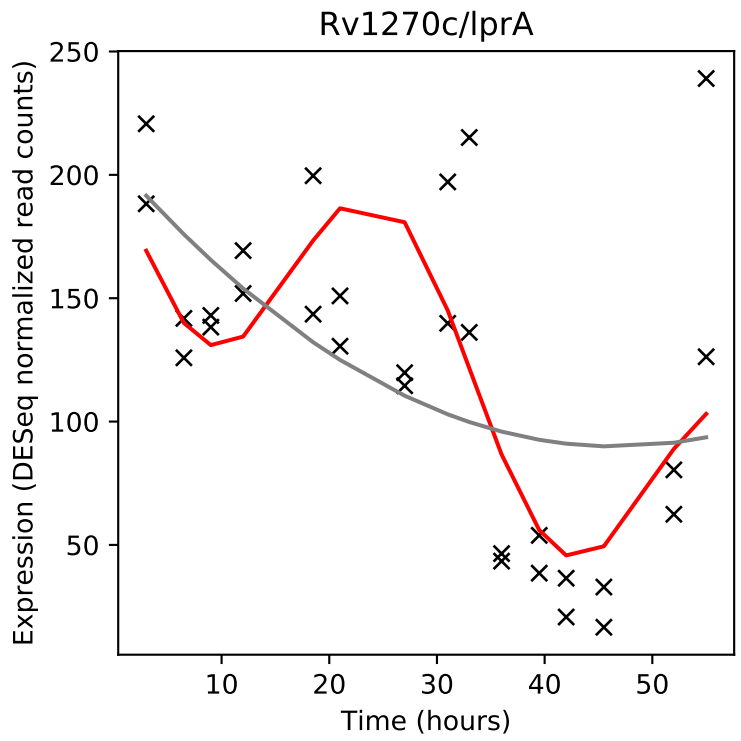

Rv1265/-
Expression (DESeq normalized read counts)
Time (hours)

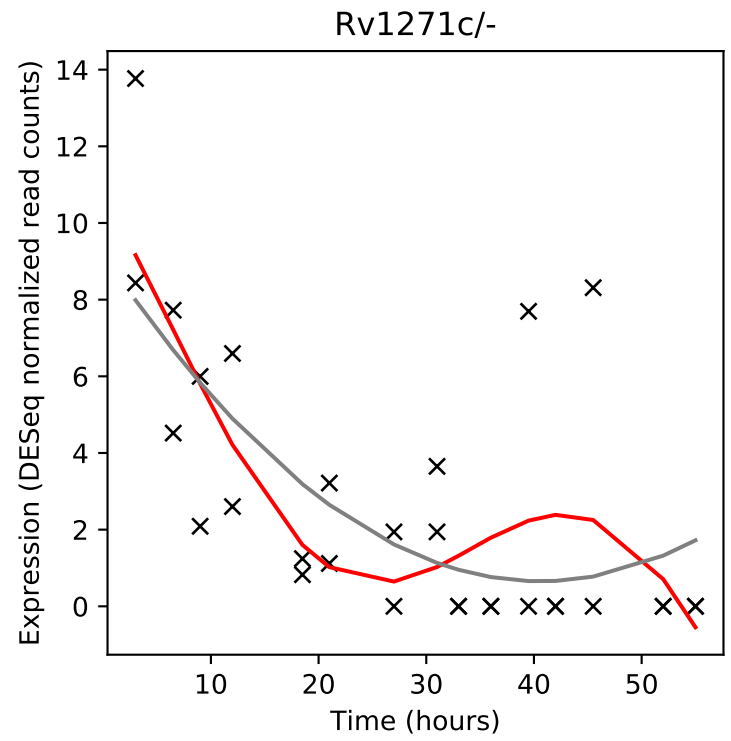

Rv1266c/pknH
Expression (DESeq normalized read counts)
Time (hours)

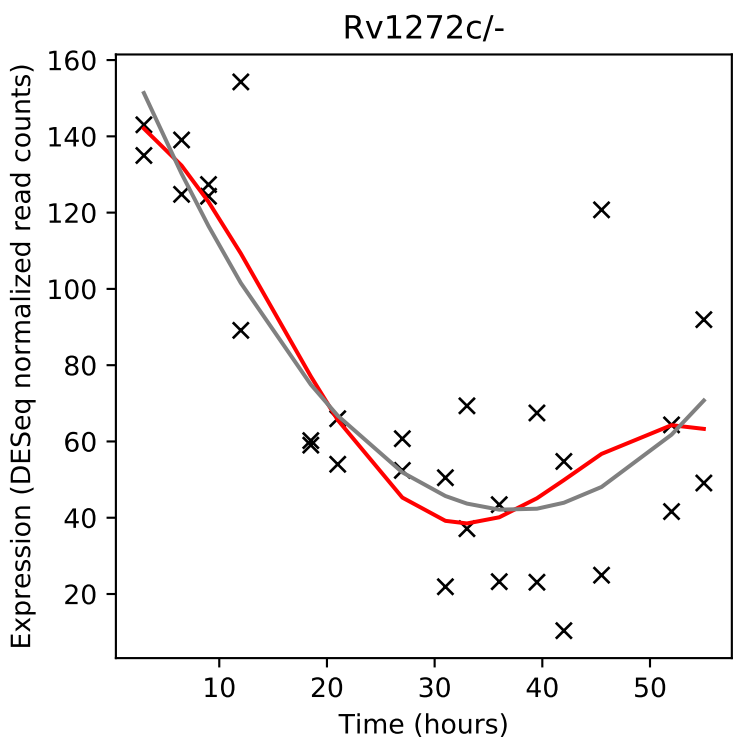

Rv1267c/embR
Expression (DESeq normalized read counts)
Time (hours)

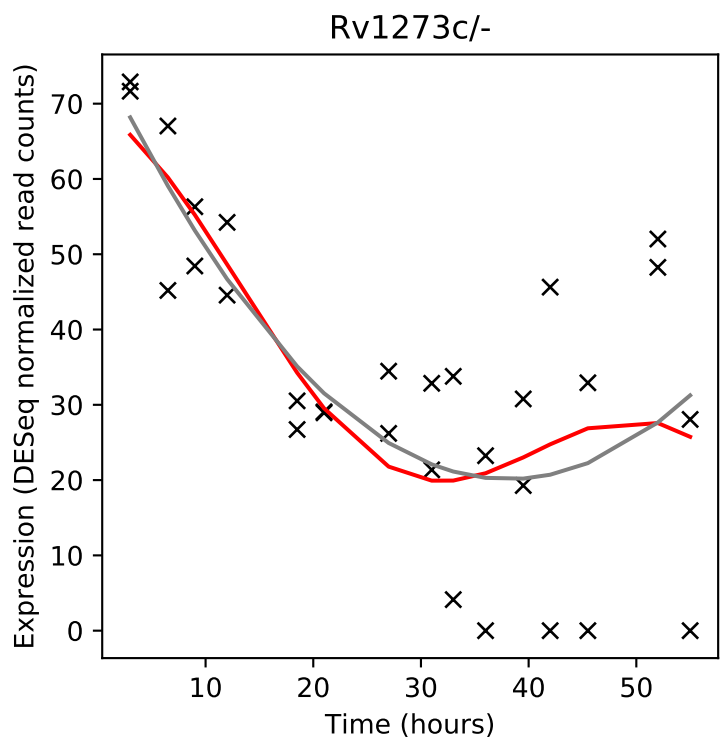

Rv1268c/-
Expression (DESeq normalized read counts)
Time (hours)

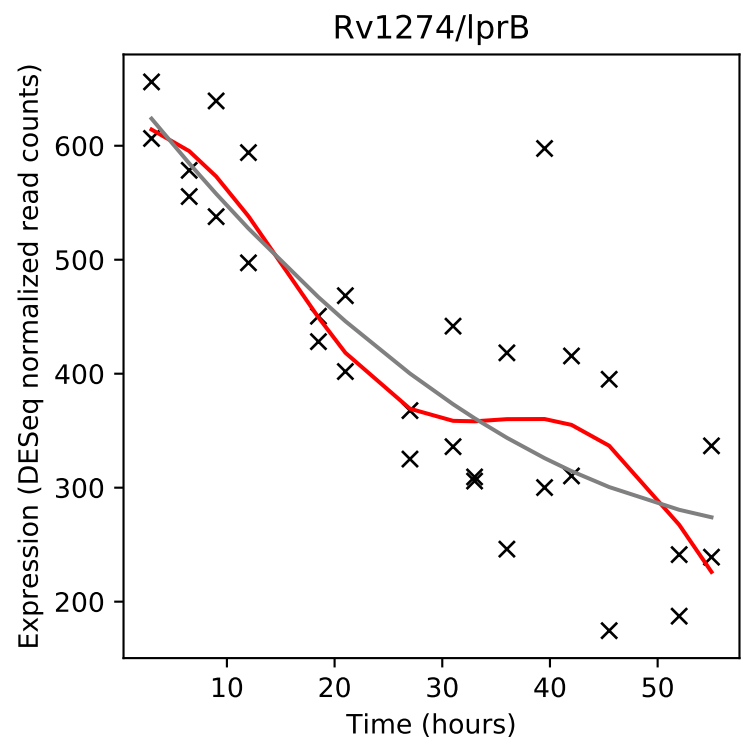

Rv1269c/-
Expression (DESeq normalized read counts)
Time (hours)

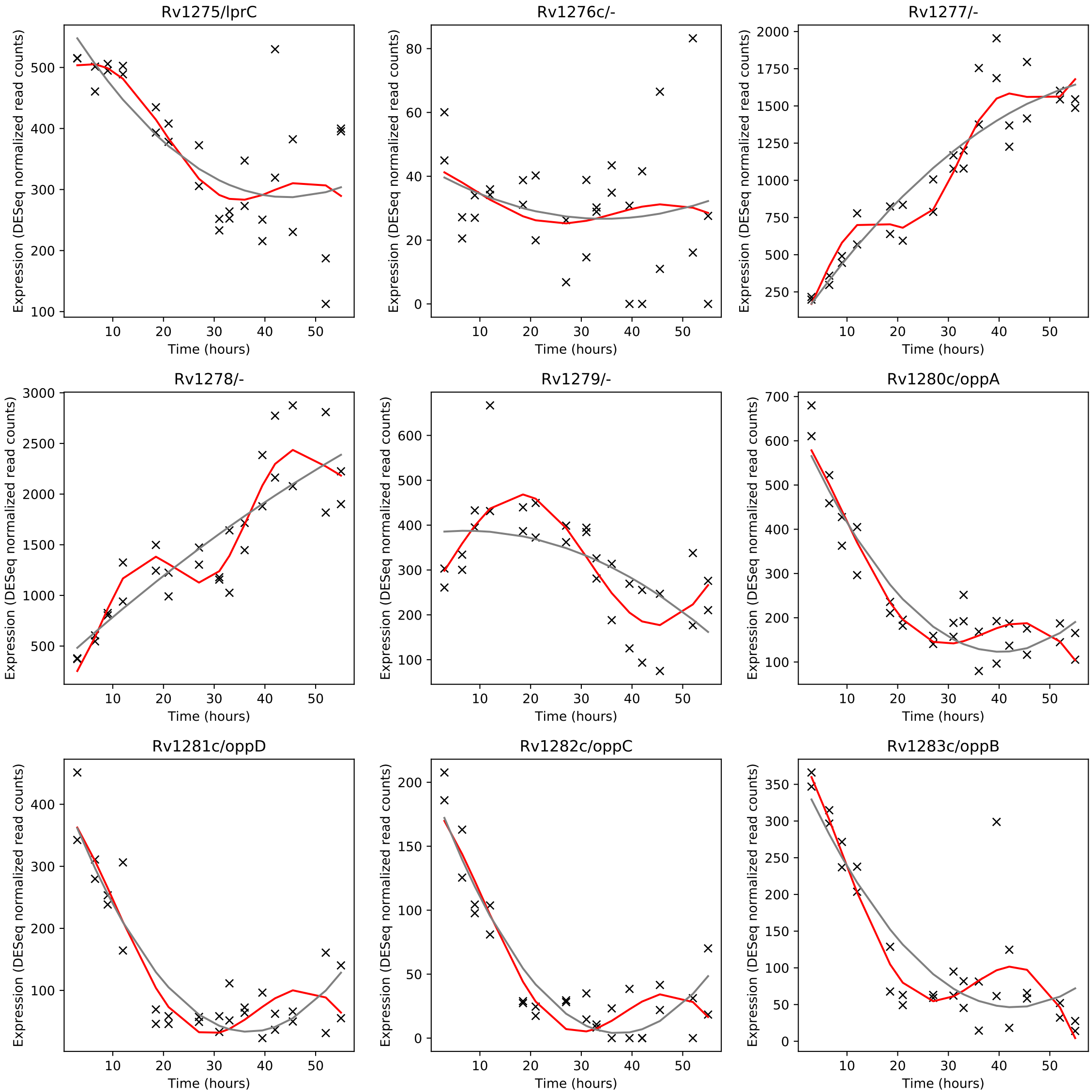

Rv1270c/lprA
Expression (DESeq normalized read counts)
Time (hours)

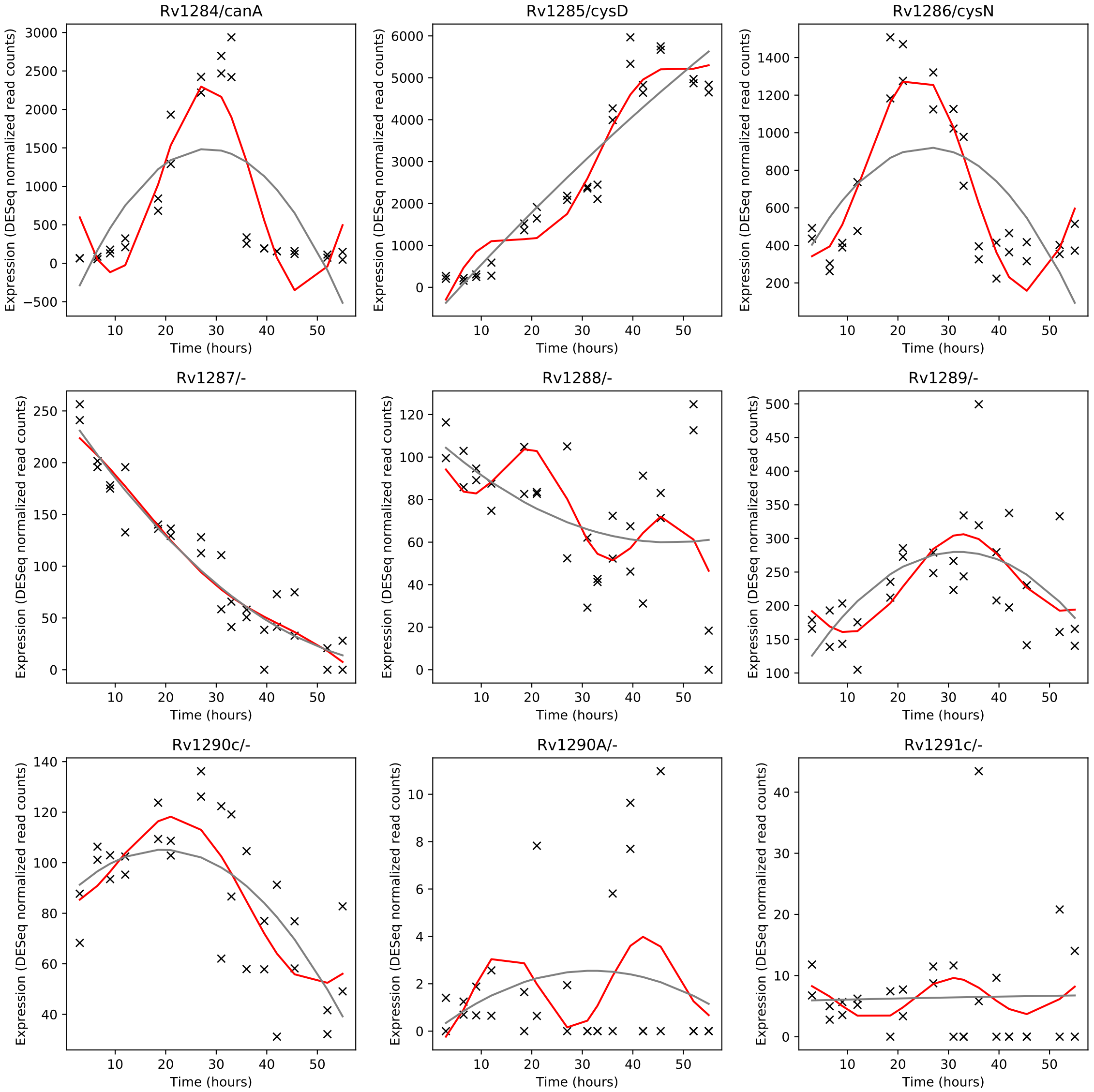

Rv1271c/-
Expression (DESeq normalized read counts)
Time (hours)

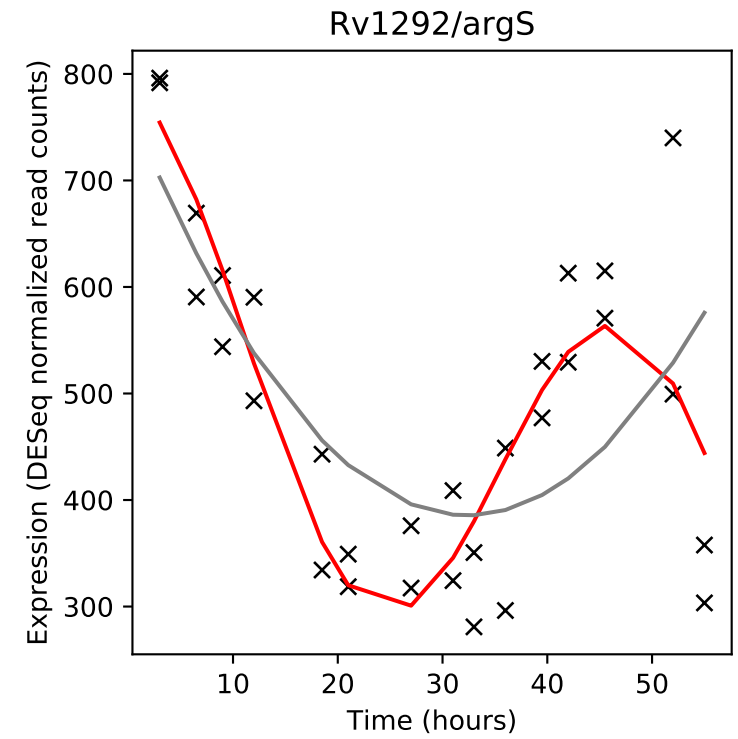

Rv1272c/-
Expression (DESeq normalized read counts)
Time (hours)

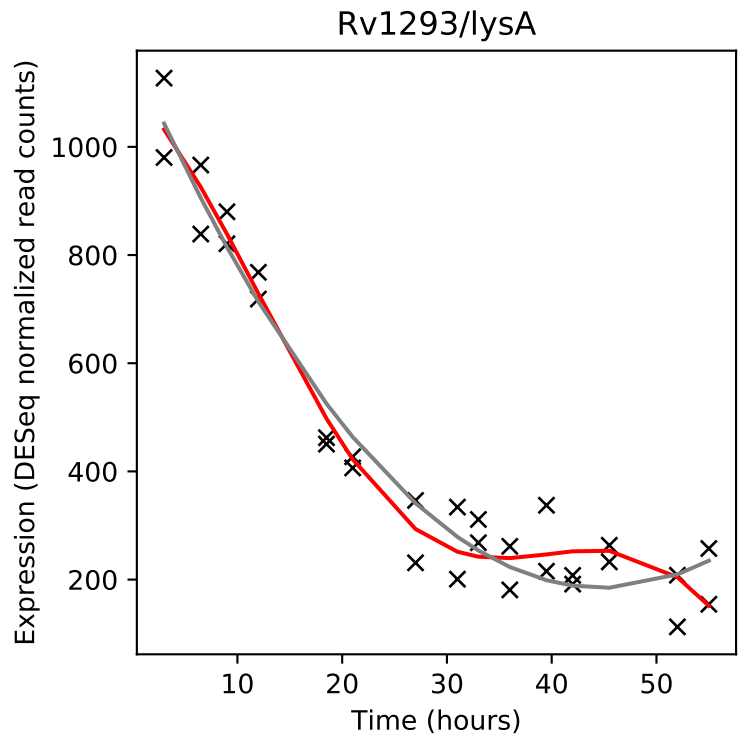

Rv1273c/-
Expression (DESeq normalized read counts)
Time (hours)

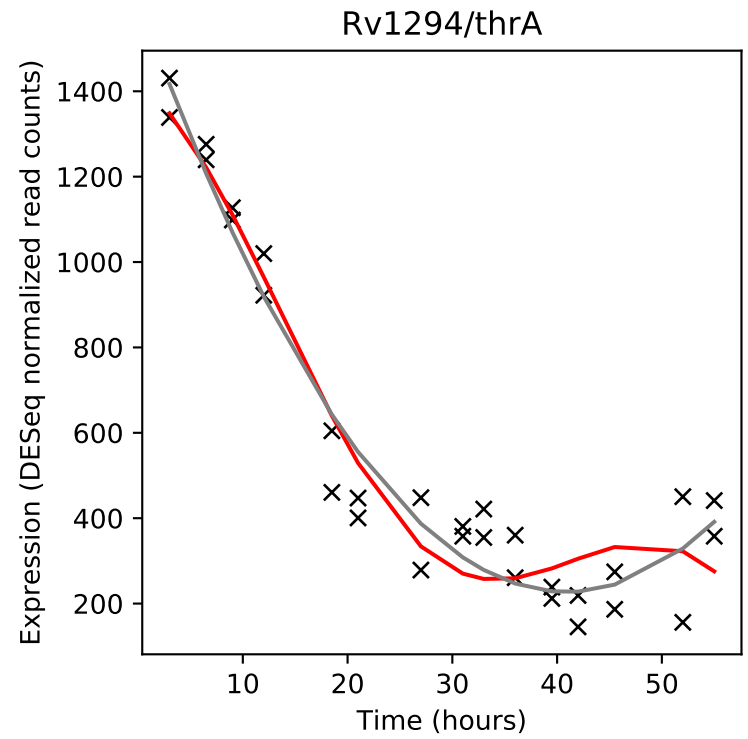

Rv1274/lprB
Expression (DESeq normalized read counts)
Time (hours)

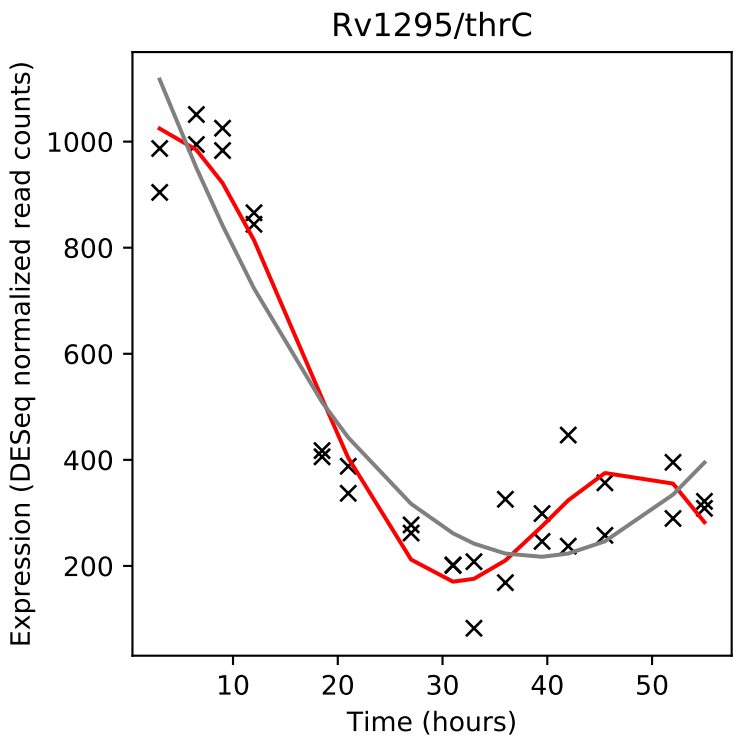

Rv1275/lprC
Rv1276c/-
Rv1277/-
Rv1278/-
Rv1279/-
Rv1280c/oppA
Rv1281c/oppD
Rv1282c/oppC
Rv1283c/oppB
Expression (DESeq normalized read counts)
Time (hours)

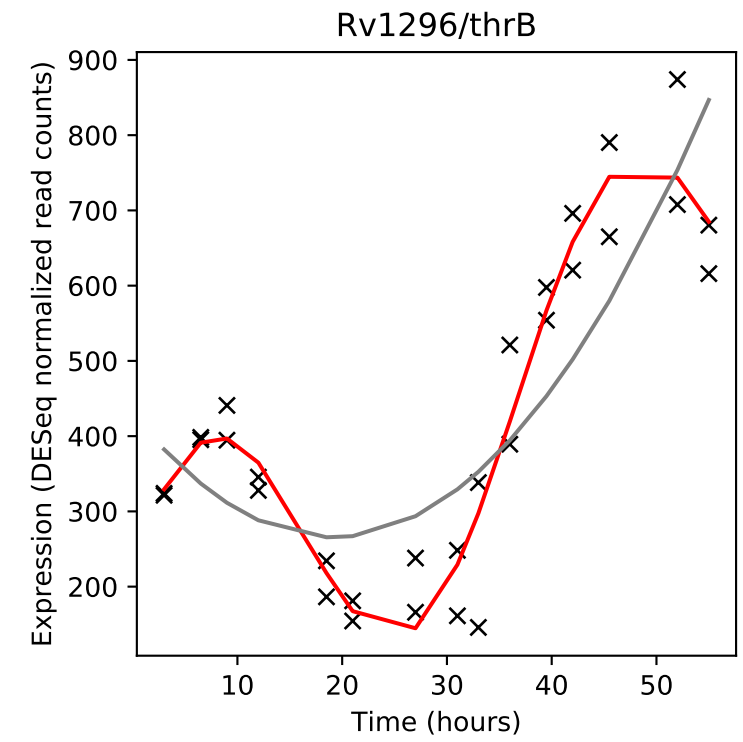

Rv1284/canA
Rv1285/cysD
Rv1286/cysN
Rv1287/-
Rv1288/-
Rv1289/-
Rv1290c/-
Rv1290A/-
Rv1291c/-
Expression (DESeq normalized read counts)
Time (hours)

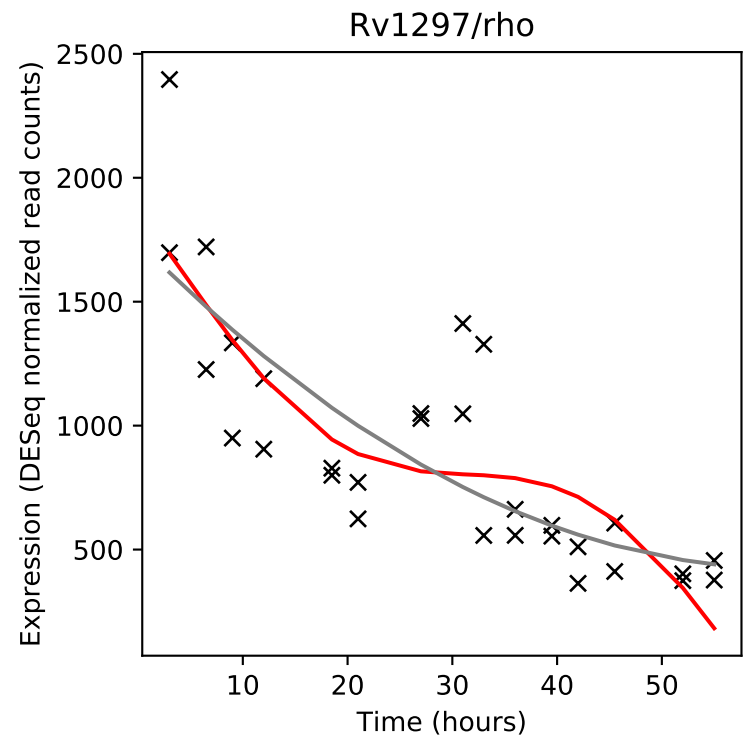

Rv1292/argS
Expression (DESeq normalized read counts)
Time (hours)

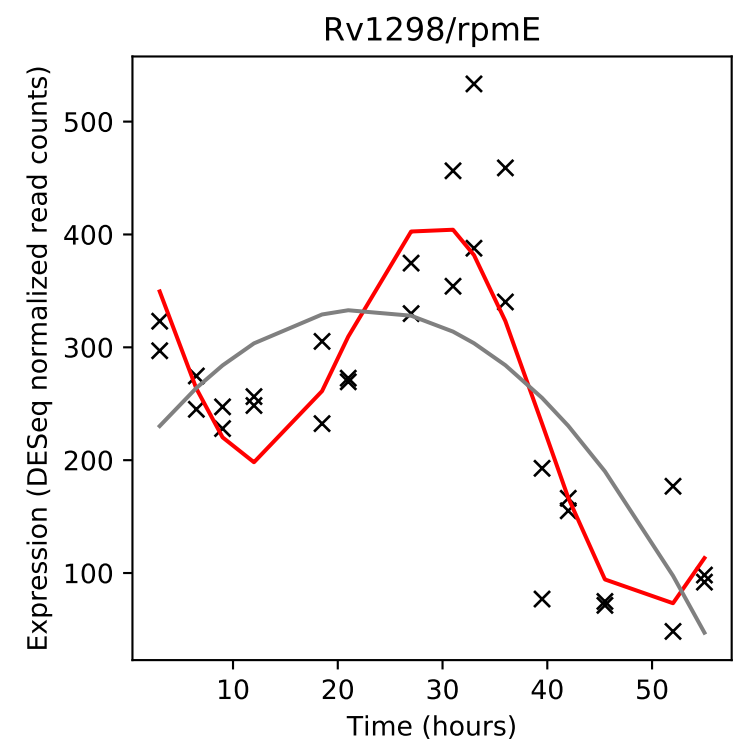

Rv1293/lysA
Expression (DESeq normalized read counts)
Time (hours)

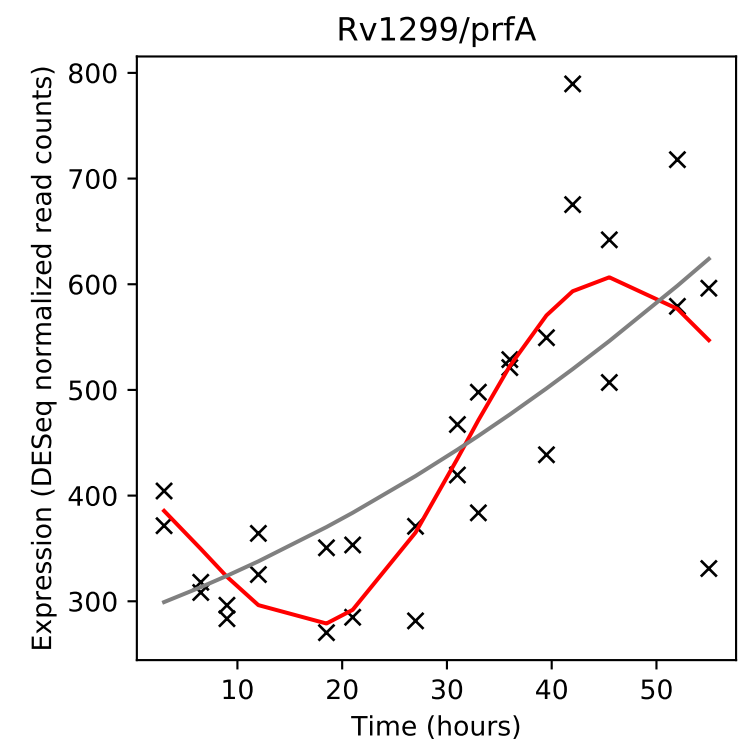

Rv1294/thrA
Expression (DESeq normalized read counts)
Time (hours)

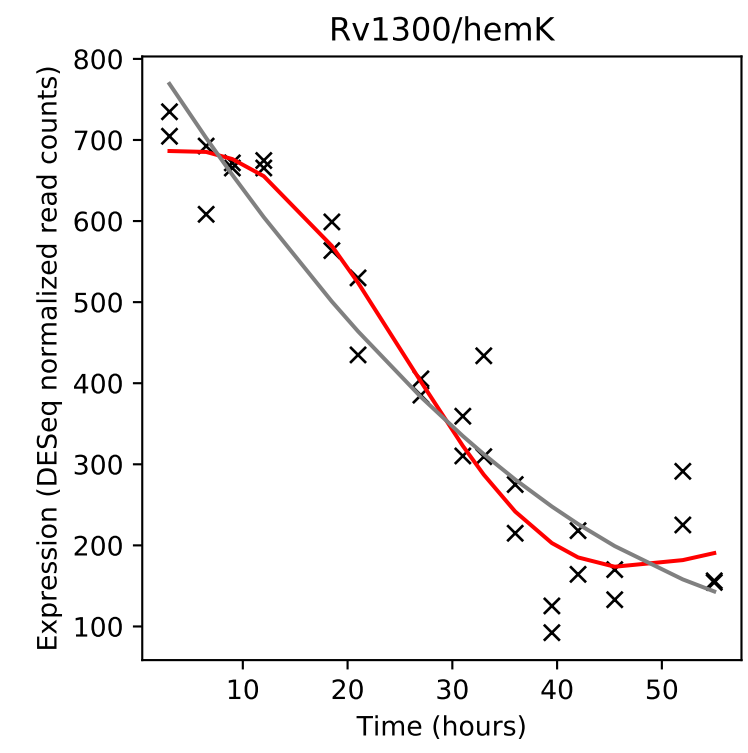

Rv1295/thrC
Expression (DESeq normalized read counts)
Time (hours)

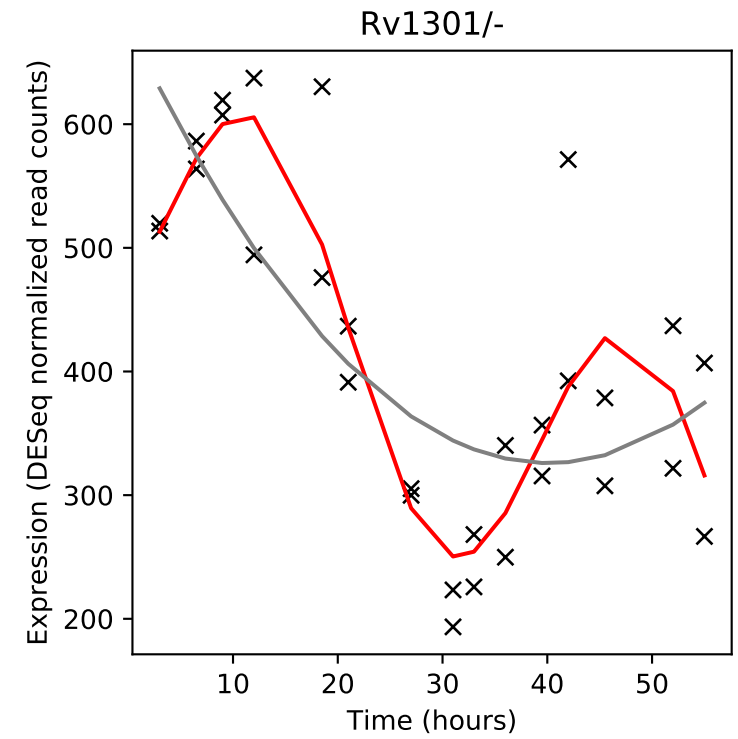

Rv1296/thrB
Expression (DESeq normalized read counts)
Time (hours)

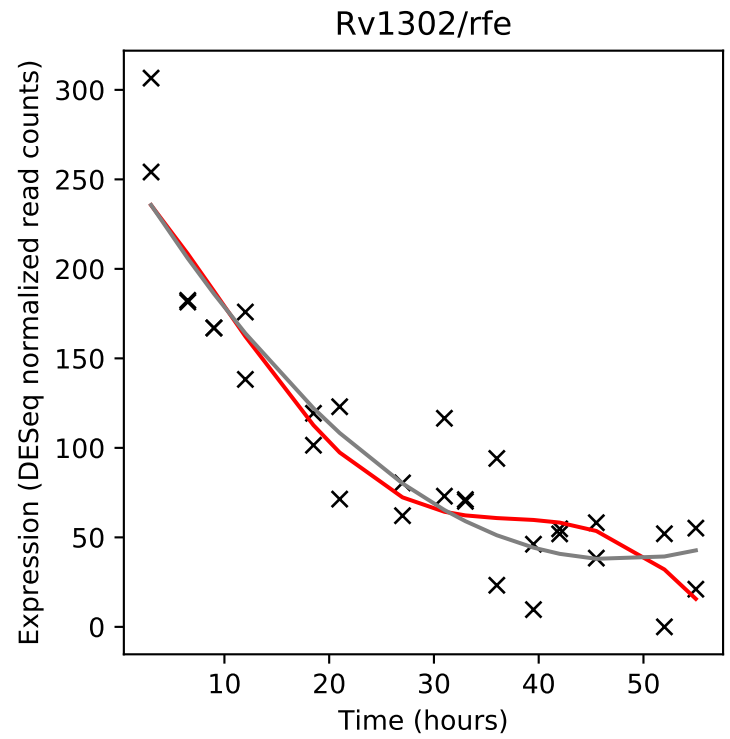

Rv1297/rho
Expression (DESeq normalized read counts)
Time (hours)

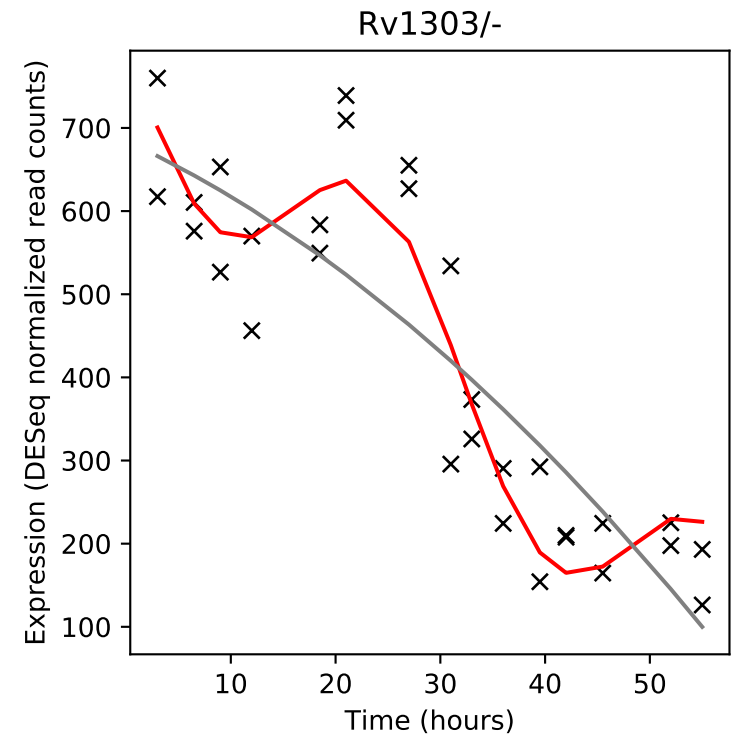

Rv1298/rpmE
Expression (DESeq normalized read counts)
Time (hours)

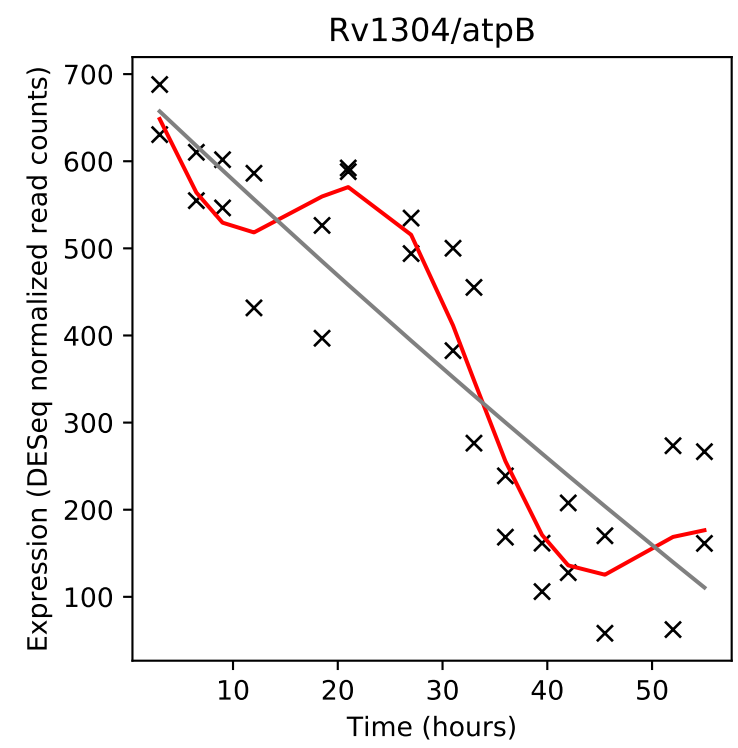

Rv1299/prfA
Expression (DESeq normalized read counts)
Time (hours)

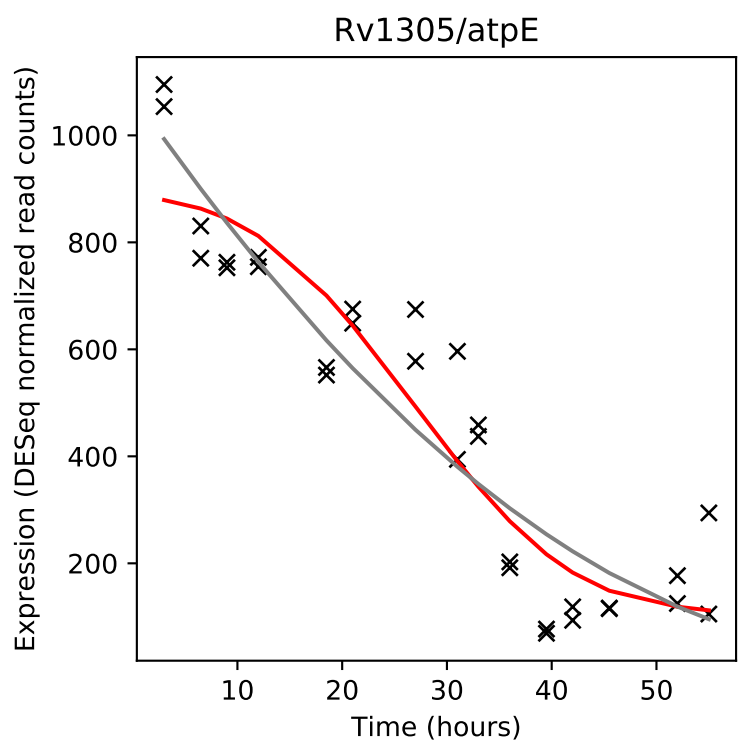

Rv1300/hemK
Expression (DESeq normalized read counts)
Time (hours)

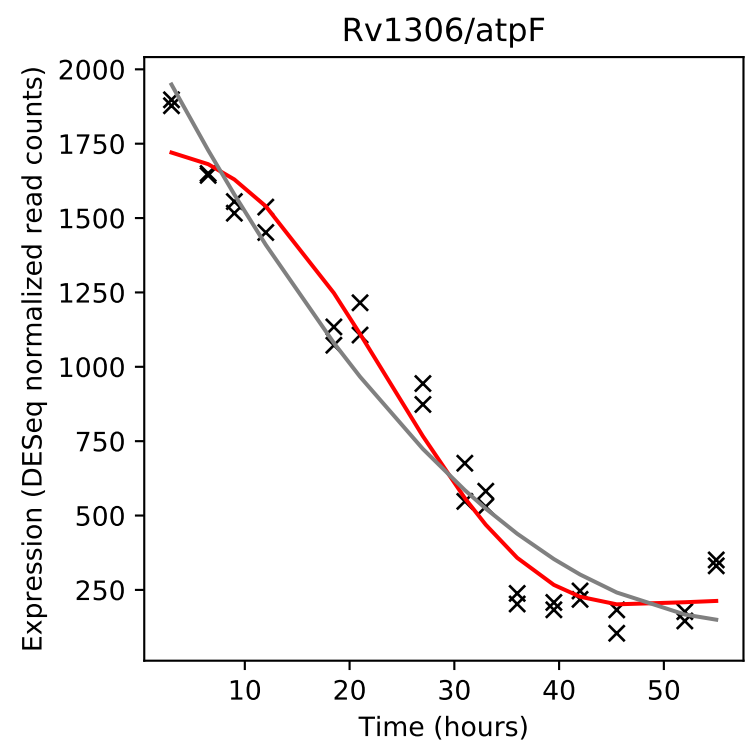

Rv1301/-
Expression (DESeq normalized read counts)
Time (hours)

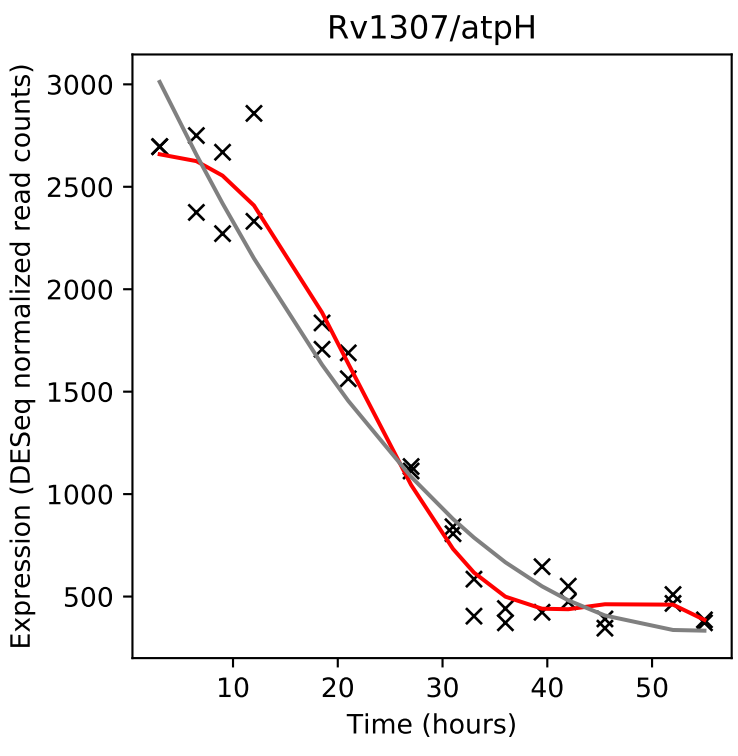

Rv1302/rfe
Expression (DESeq normalized read counts)
Time (hours)

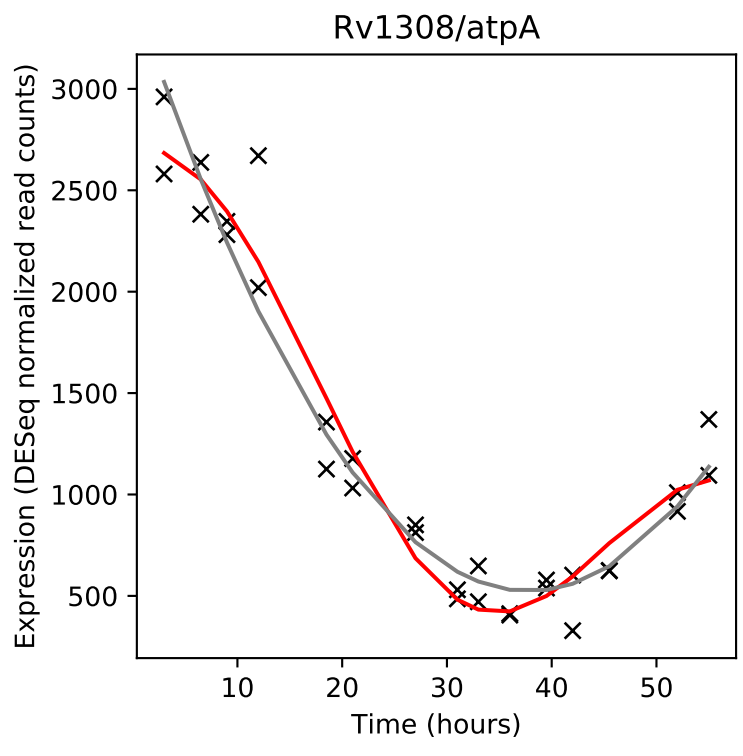

Rv1303/-
Expression (DESeq normalized read counts)
Time (hours)

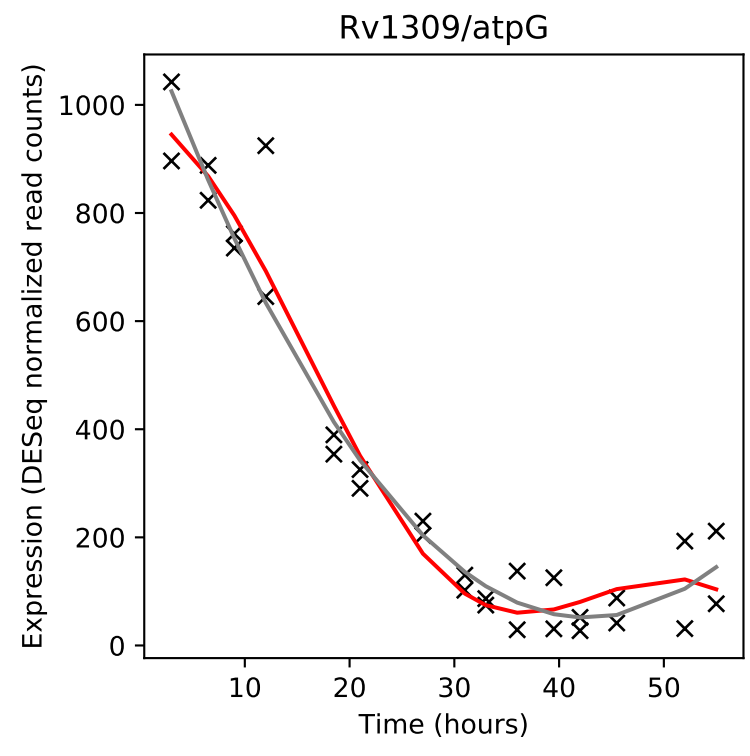

Rv1304/atpB
Expression (DESeq normalized read counts)
Time (hours)

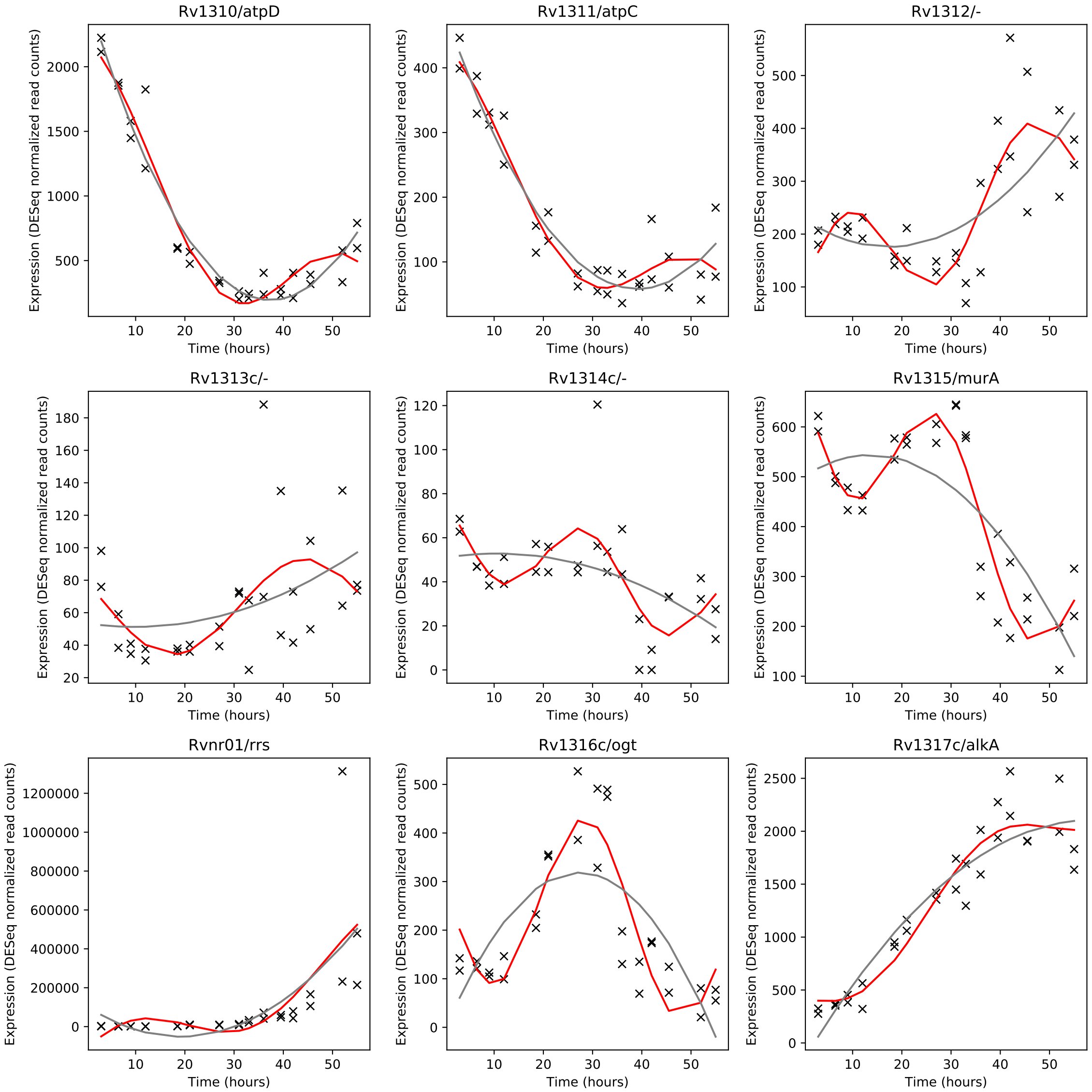

Rv1305/atpE
Expression (DESeq normalized read counts)
Time (hours)

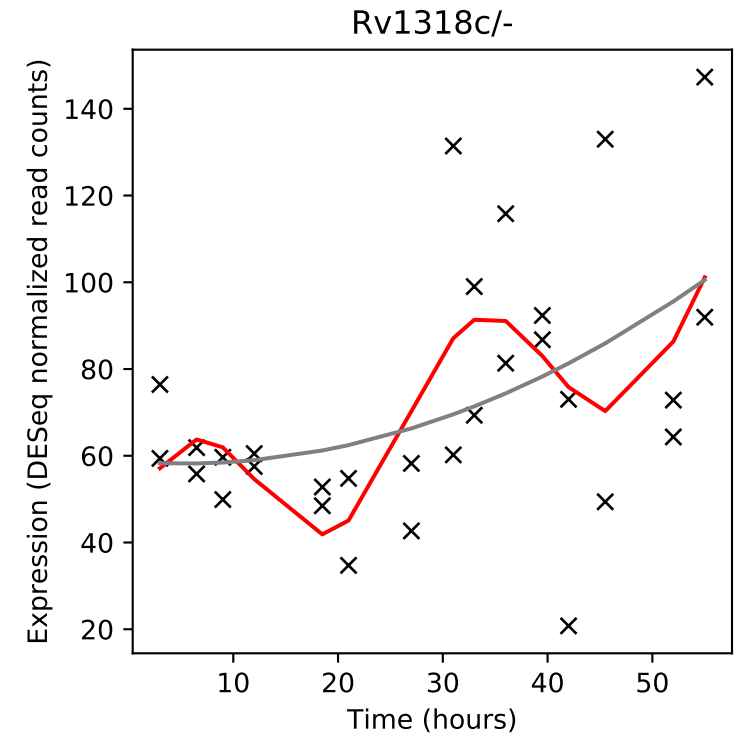

Rv1306/atpF
Expression (DESeq normalized read counts)
Time (hours)

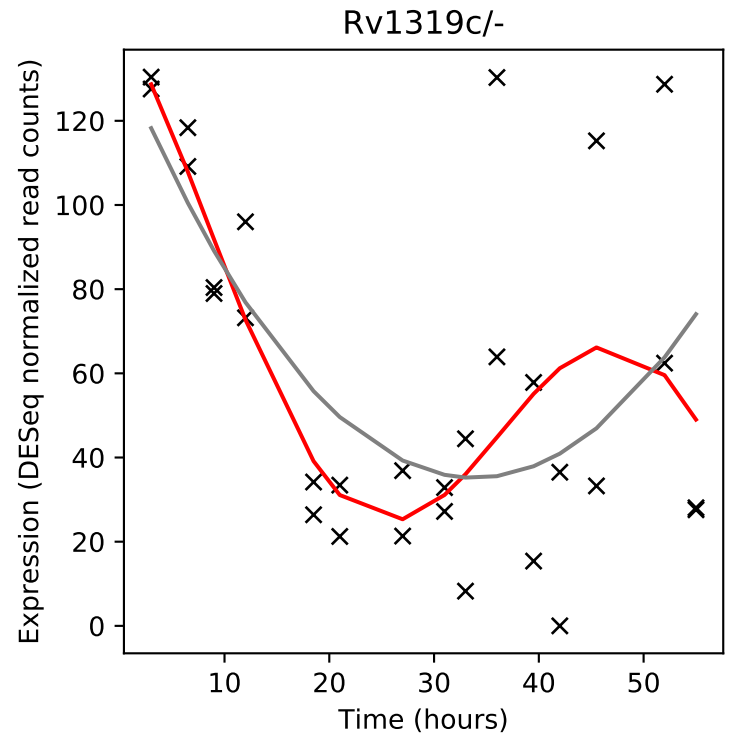

Rv1307/atpH
Expression (DESeq normalized read counts)
Time (hours)

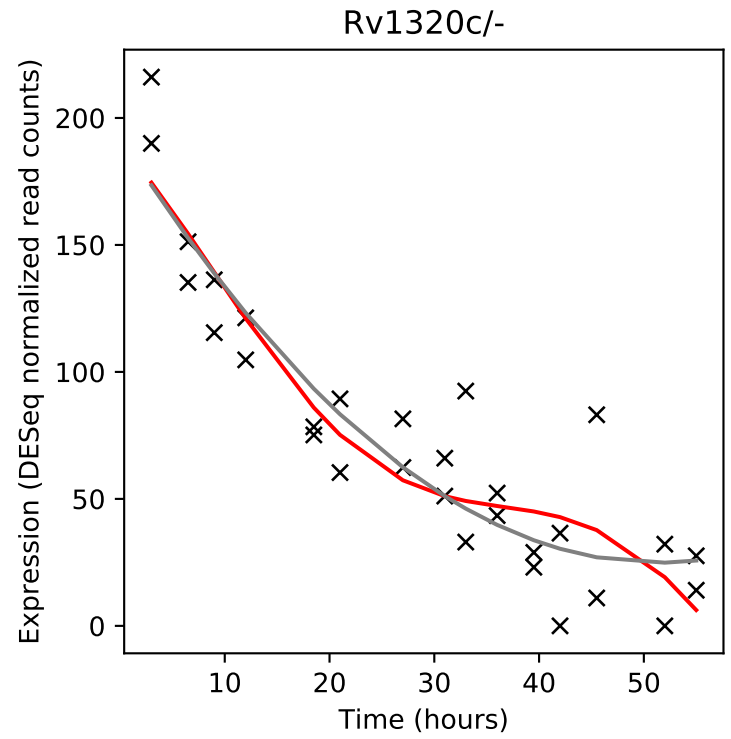

Rv1308/atpA
Expression (DESeq normalized read counts)
Time (hours)

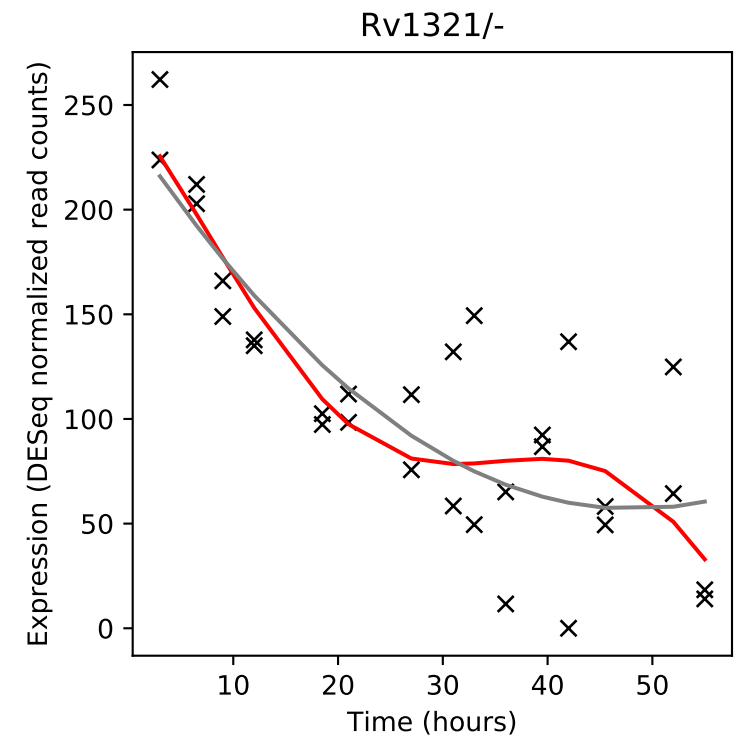

Rv1309/atpG
Expression (DESeq normalized read counts)
Time (hours)

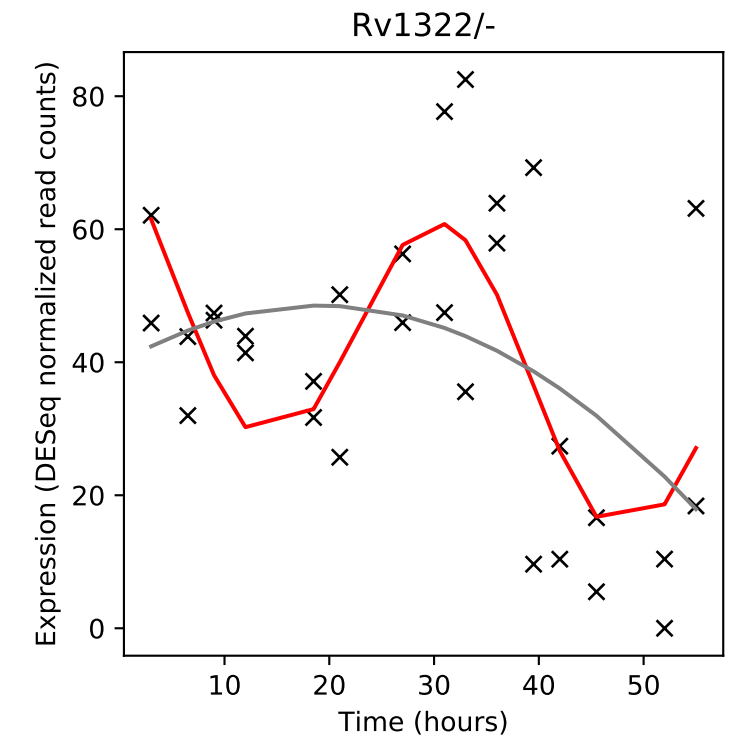

Rv1310/atpD
Rv1311/atpC
Rv1312/-
Rv1313c/-
Rv1314c/-
Rv1315/murA
Rvnr01/rrs
Rv1316c/ogt
Rv1317c/alkA
Expression (DESeq normalized read counts)
Time (hours)

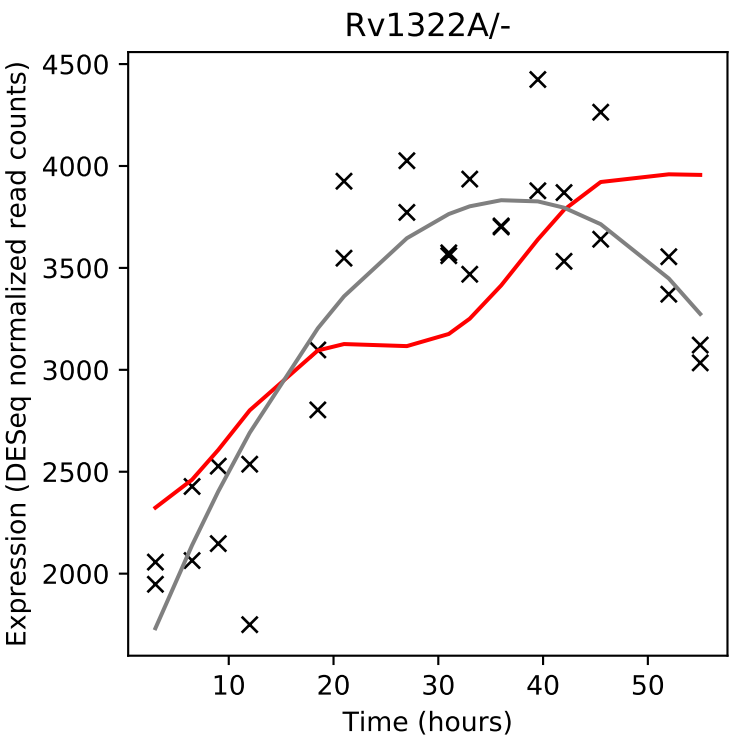

Rv1318c/-
Expression (DESeq normalized read counts)
Time (hours)

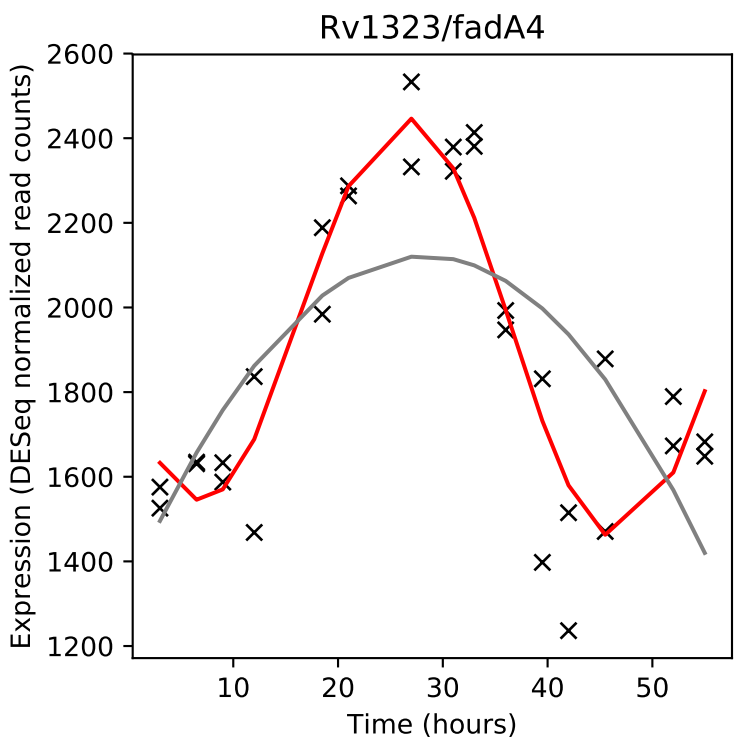

Rv1319c/-
Expression (DESeq normalized read counts)
Time (hours)

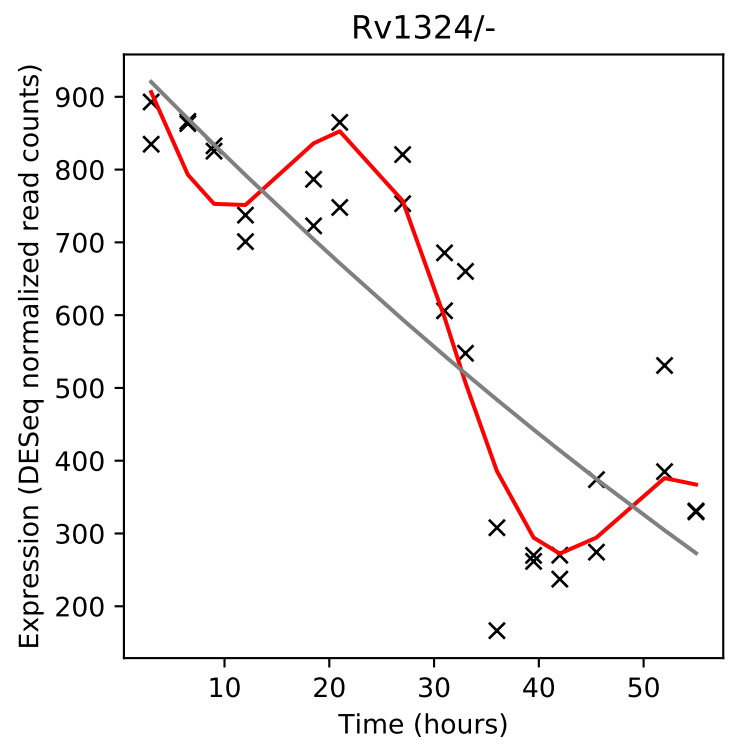

Rv1320c/-
Expression (DESeq normalized read counts)
Time (hours)

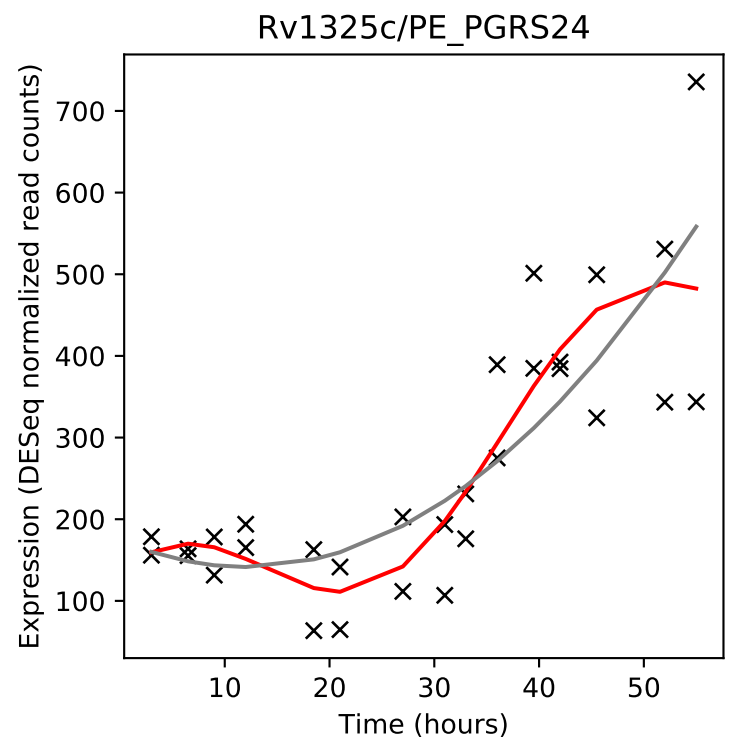

Rv1321/-
Expression (DESeq normalized read counts)
Time (hours)

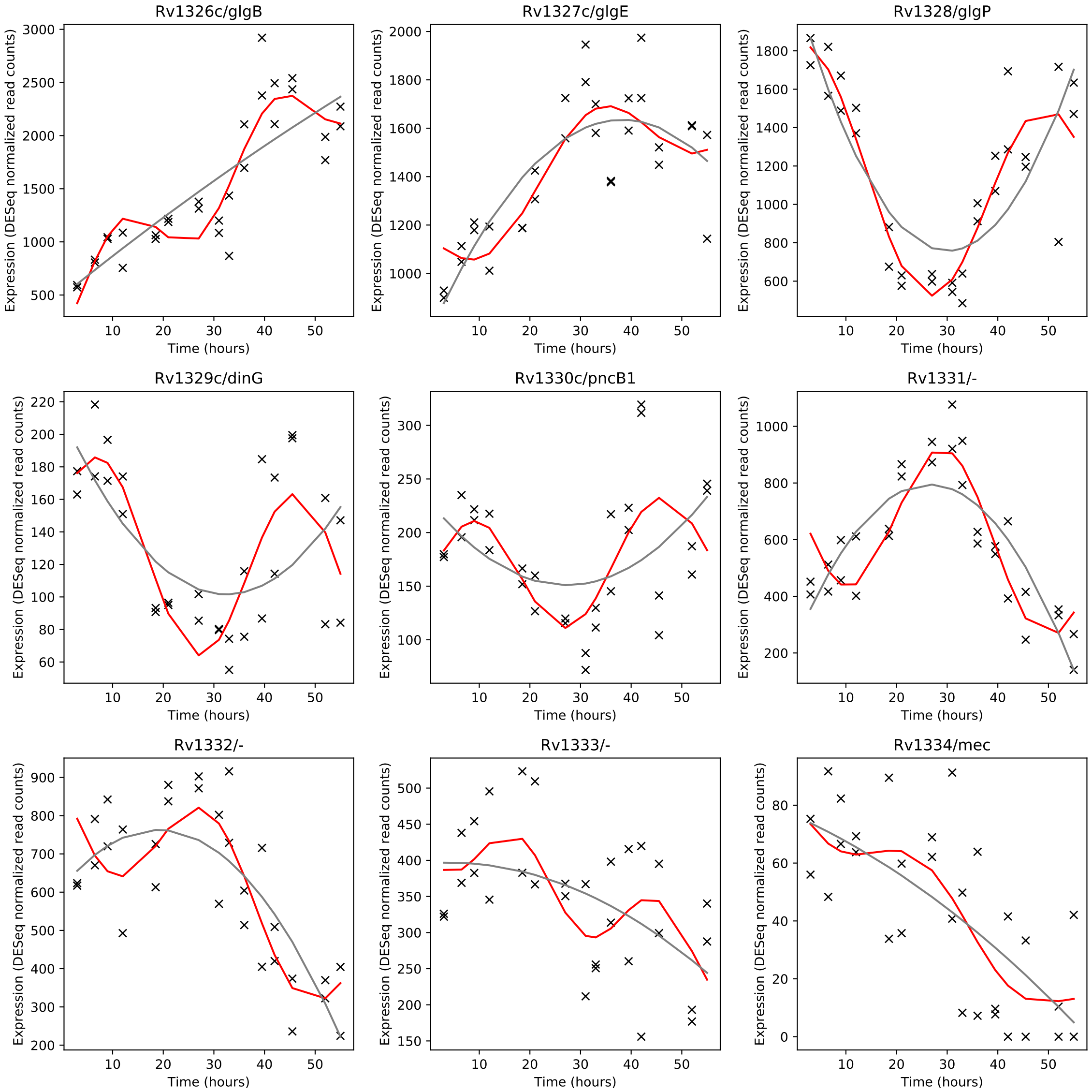

Rv1322/-
Expression (DESeq normalized read counts)
Time (hours)

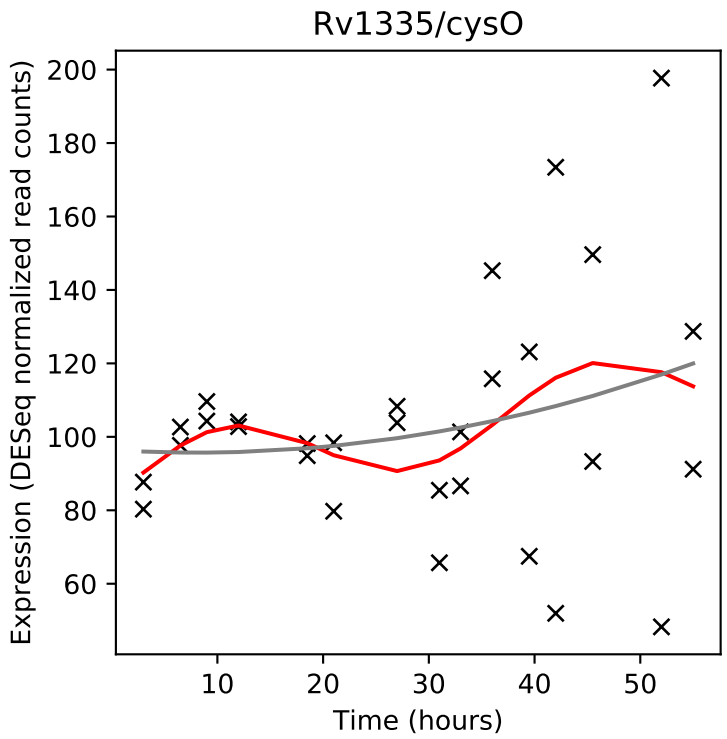

Rv1322A/-
Expression (DESeq normalized read counts)
Time (hours)

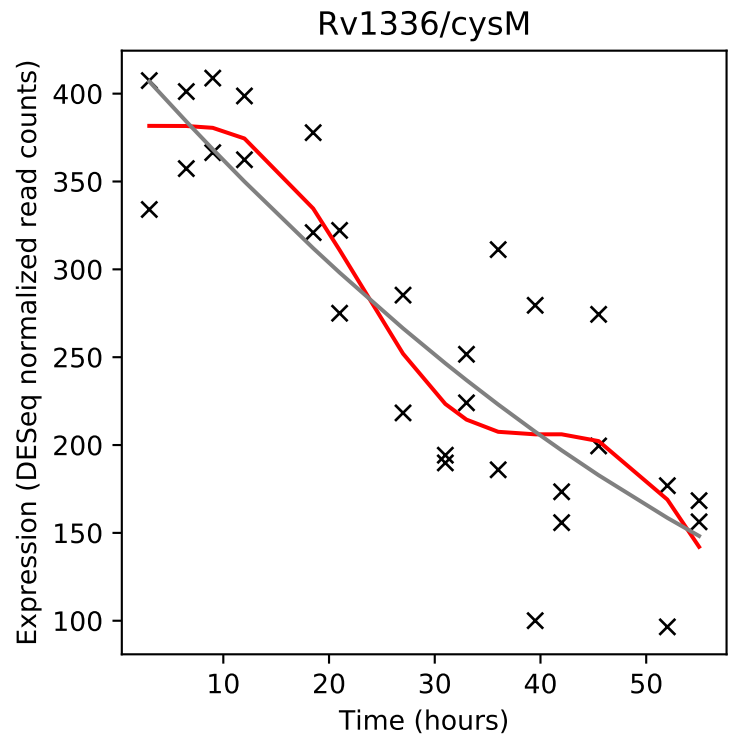

Rv1323/fadA4
Expression (DESeq normalized read counts)
Time (hours)

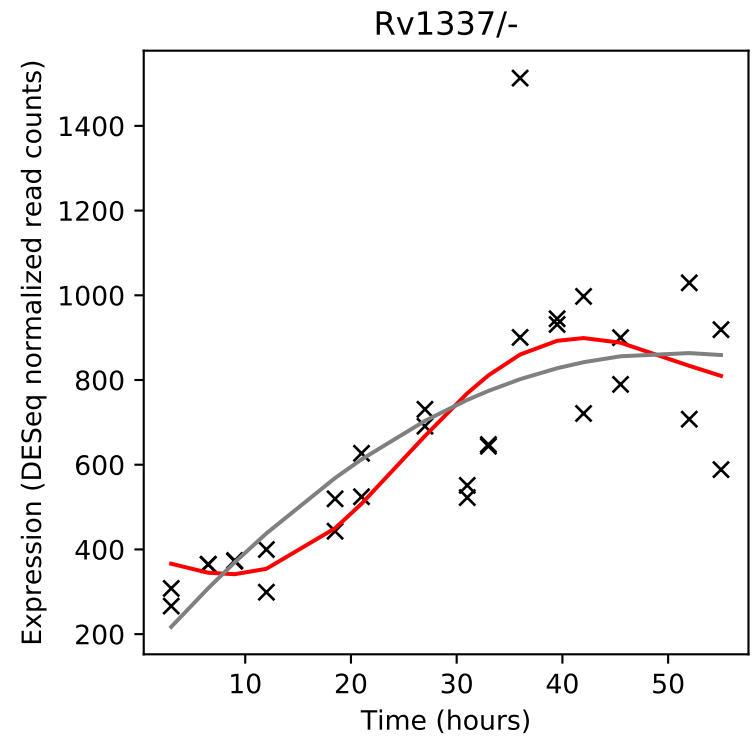

Rv1324/-
Expression (DESeq normalized read counts)
Time (hours)

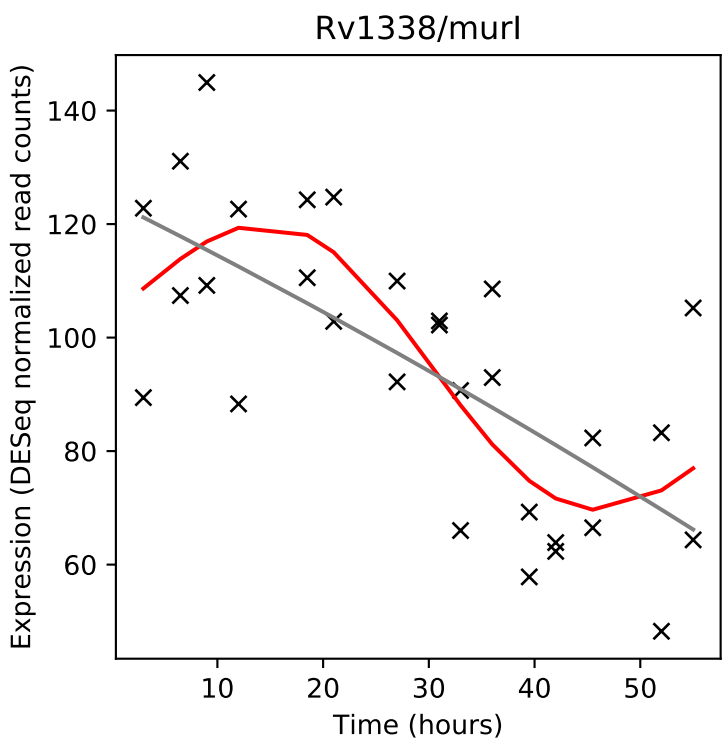

Rv1325c/PE_PGRS24
Expression (DESeq normalized read counts)
Time (hours)

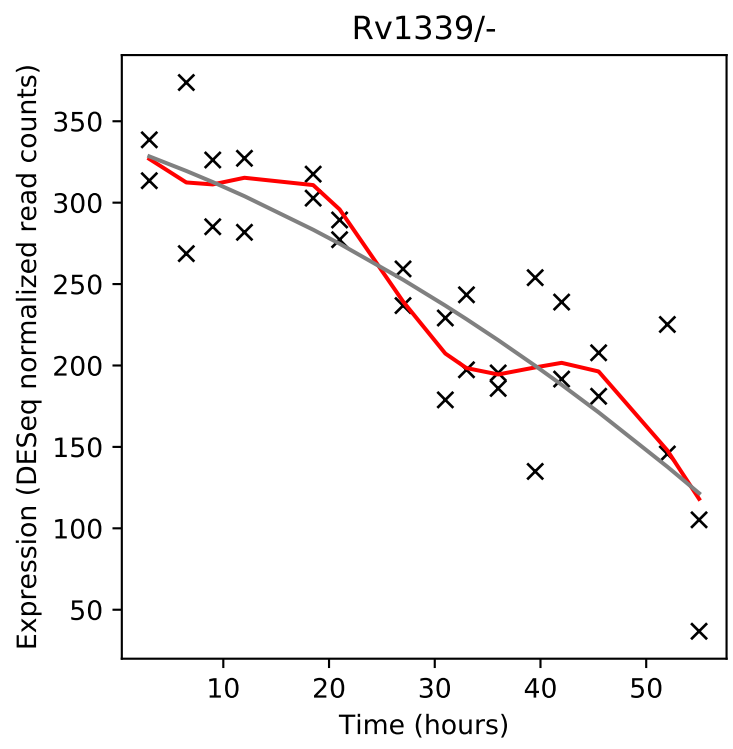

Rv1326c/glgB
Rv1327c/glgE
Rv1328/glgP
Rv1329c/dinG
Rv1330c/pncB1
Rv1331/-
Rv1332/-
Rv1333/-
Rv1334/mec
Expression (DESeq normalized read counts)
Time (hours)

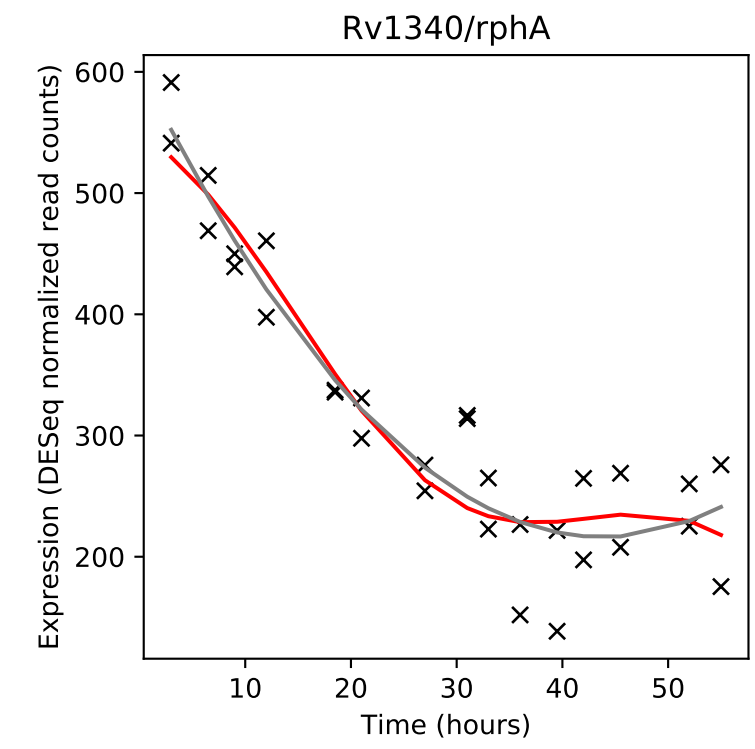

Rv1335/cysO
Expression (DESeq normalized read counts)
Time (hours)

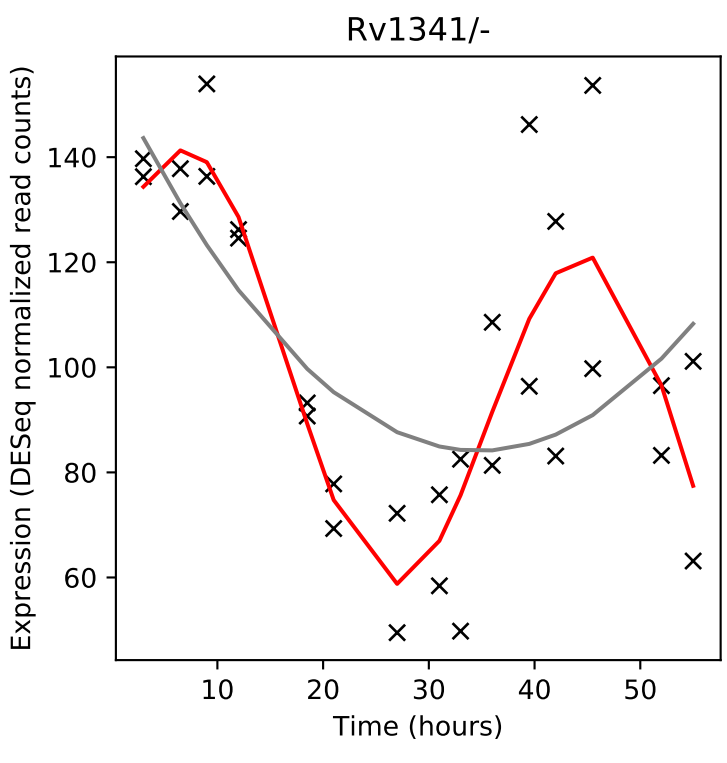

Rv1336/cysM
Expression (DESeq normalized read counts)
Time (hours)

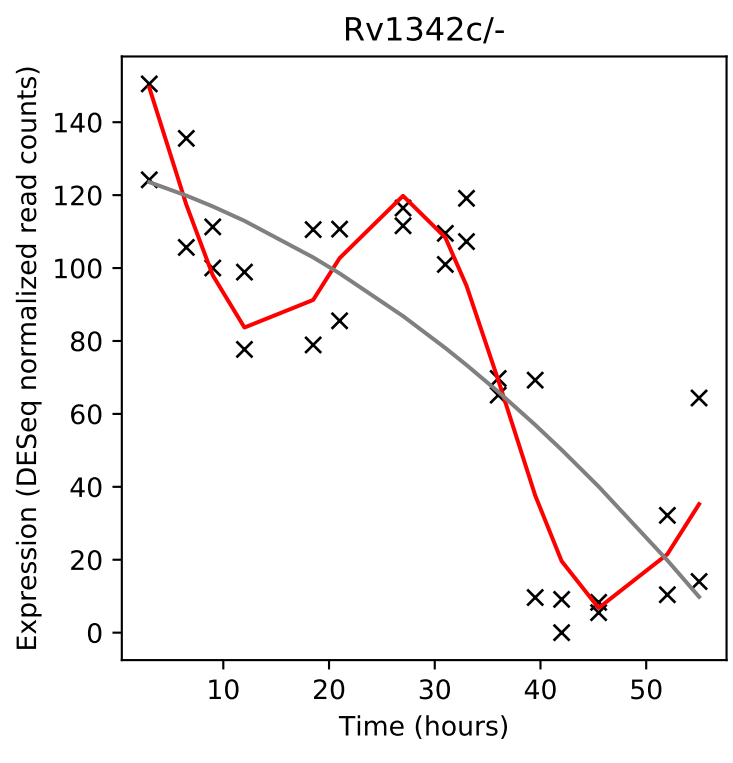

Rv1337/-
Expression (DESeq normalized read counts)
Time (hours)

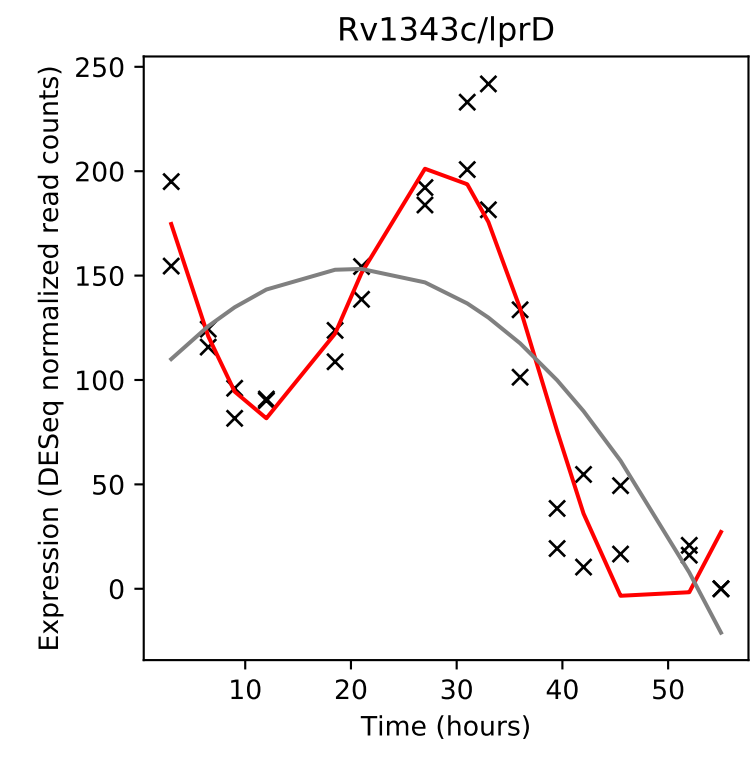

Rv1338/murI
Expression (DESeq normalized read counts)
Time (hours)

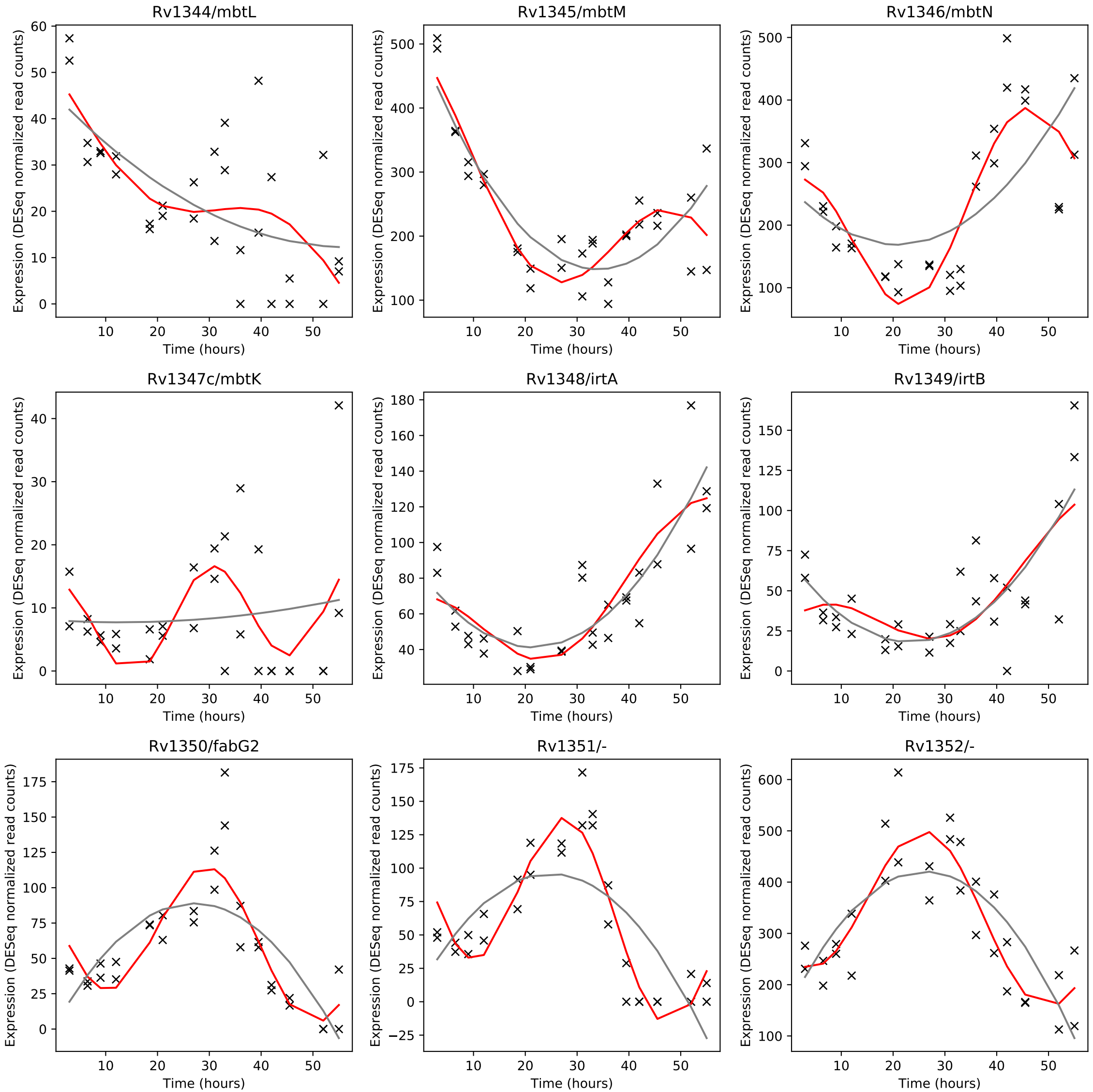

Rv1339/-
Expression (DESeq normalized read counts)
Time (hours)

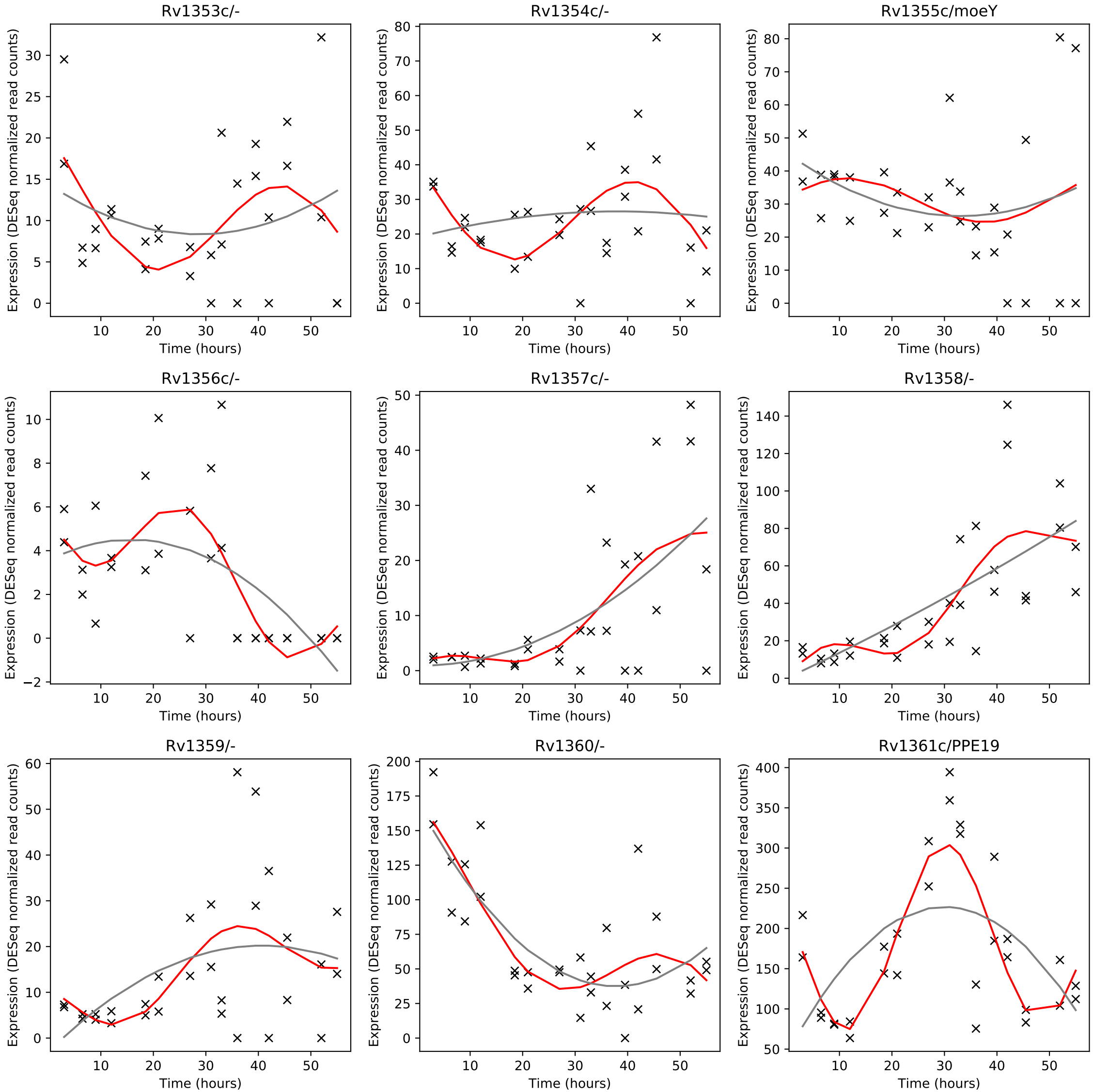

Rv1340/rphA
Expression (DESeq normalized read counts)
Time (hours)

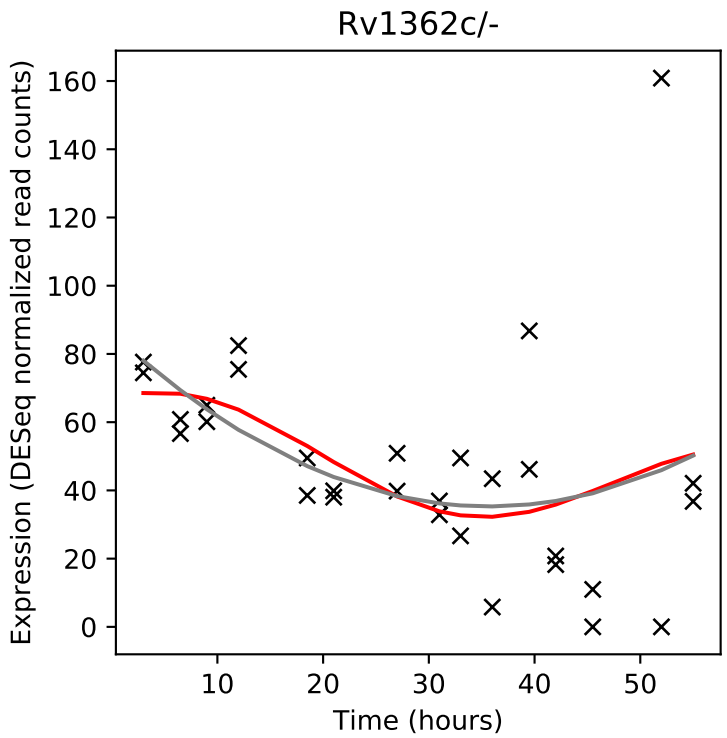

Rv1341/-
Expression (DESeq normalized read counts)
Time (hours)

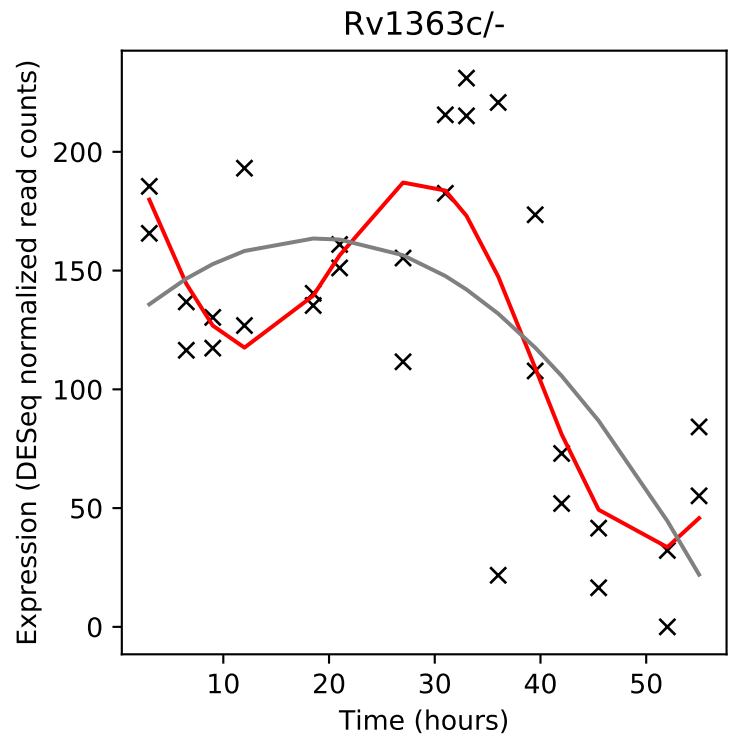

Rv1342c/-
Expression (DESeq normalized read counts)
Time (hours)

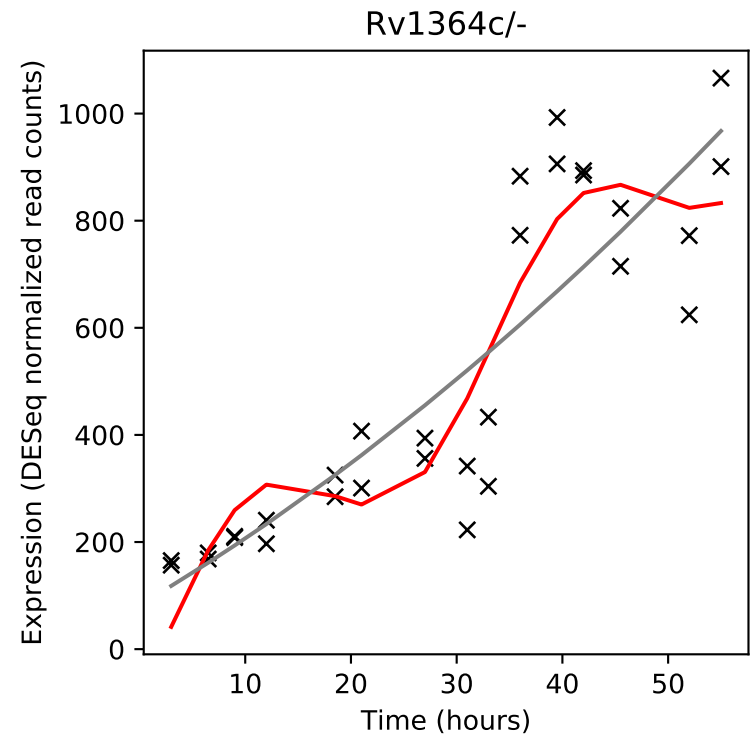

Rv1343c/lprD
Expression (DESeq normalized read counts)
Time (hours)

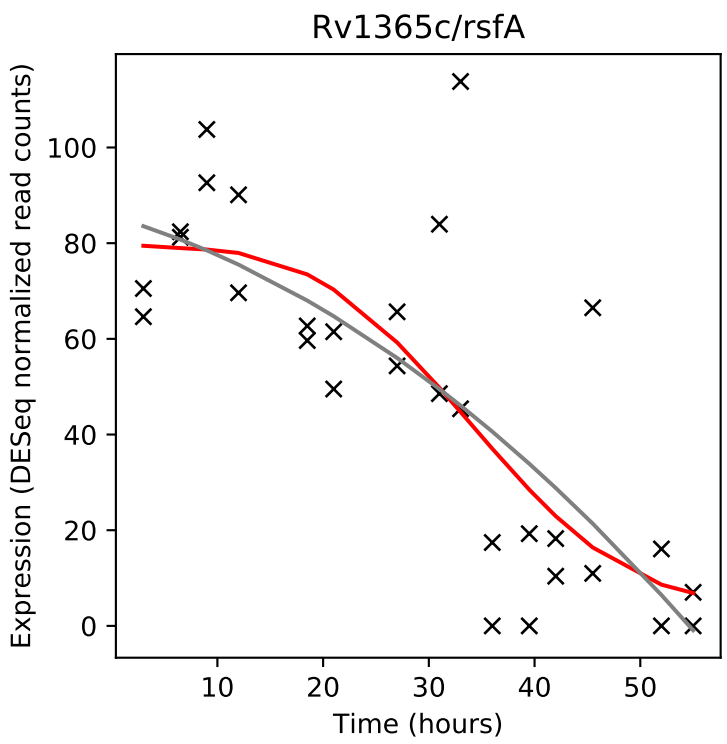

Rv1344/mbtL
Rv1345/mbtM
Rv1346/mbtN
Rv1347c/mbtK
Rv1348/irtA
Rv1349/irtB
Rv1350/fabG2
Rv1351/-
Rv1352/-
Expression (DESeq normalized read counts)
Time (hours)

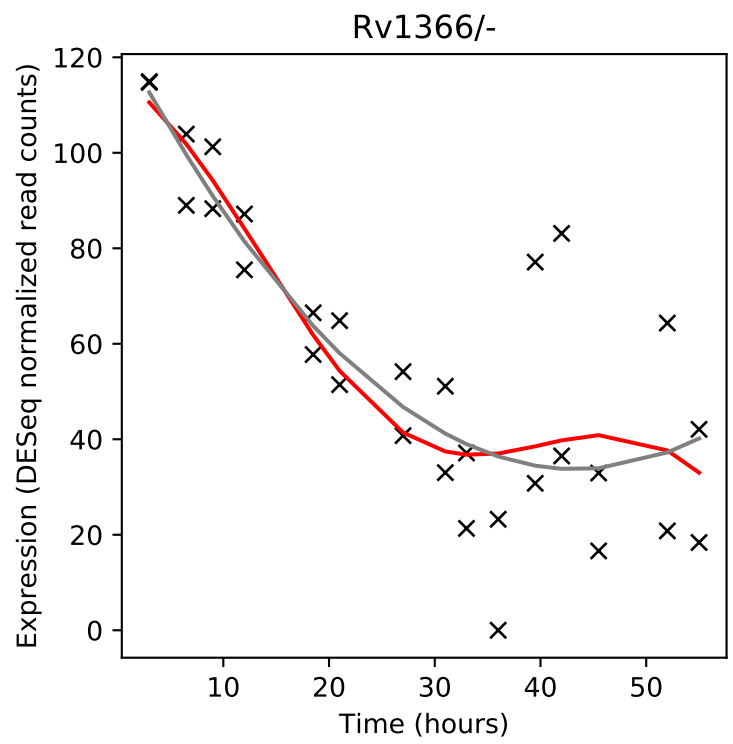

Rv1353c/-
Rv1354c/-
Rv1355c/moeY
Rv1356c/-
Rv1357c/-
Rv1358/-
Rv1359/-
Rv1360/-
Rv1361c/PPE19
Expression (DESeq normalized read counts)
Time (hours)

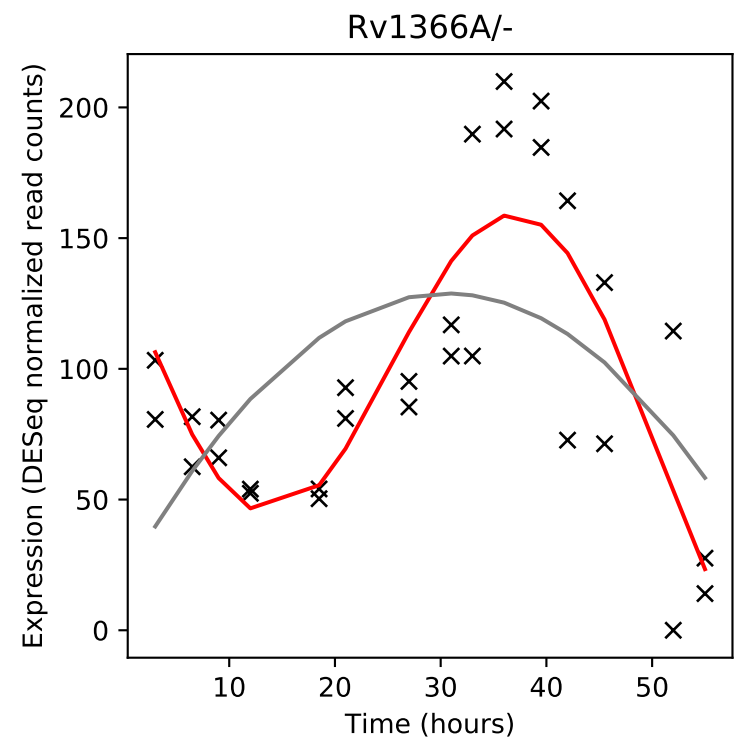

Rv1362c/-
Expression (DESeq normalized read counts)
Time (hours)

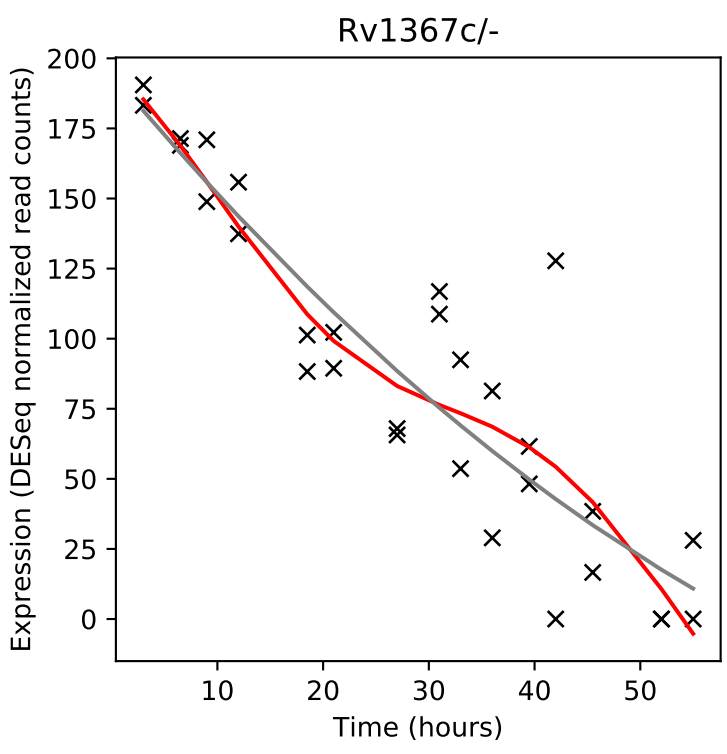

Rv1363c/-
Expression (DESeq normalized read counts)
Time (hours)

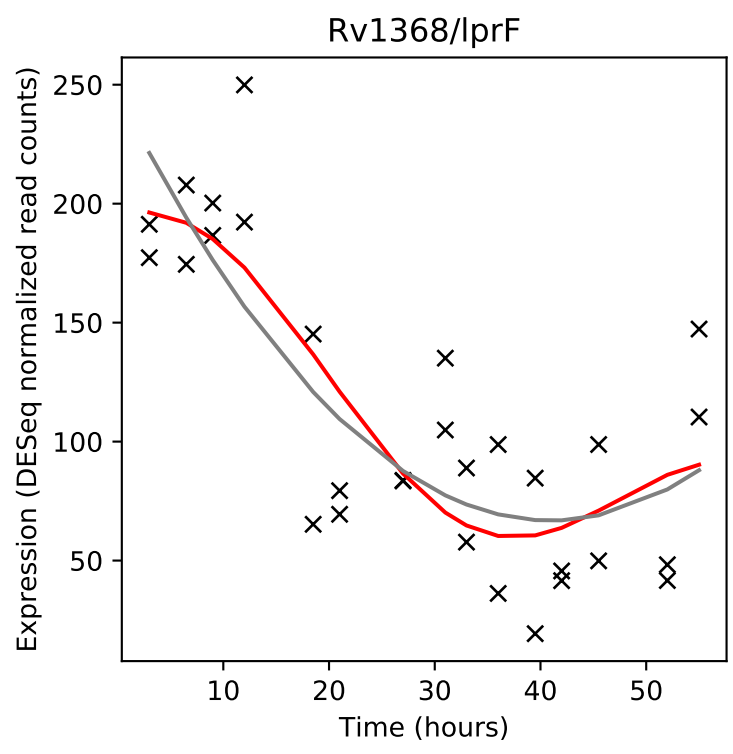

Rv1364c/-
Expression (DESeq normalized read counts)
Time (hours)

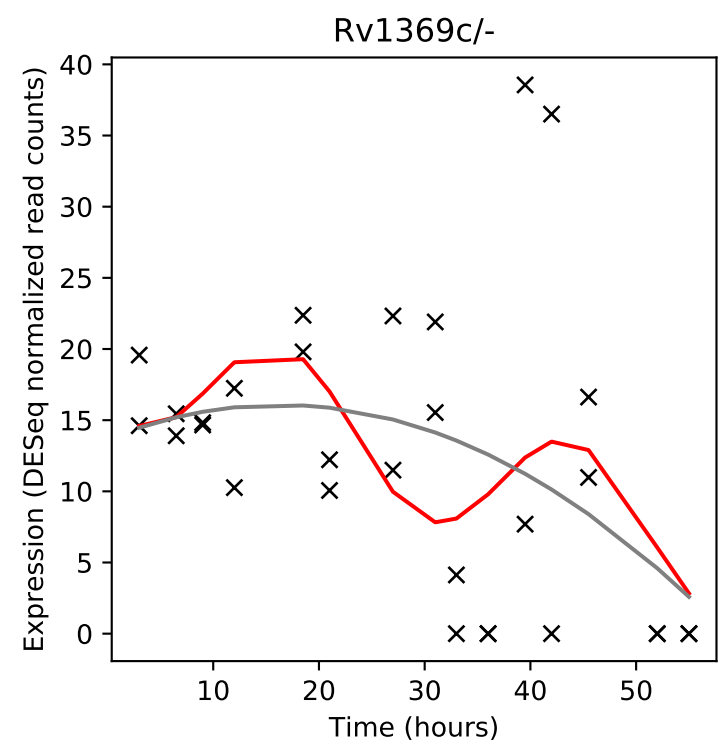

Rv1365c/rsfA
Expression (DESeq normalized read counts)
Time (hours)

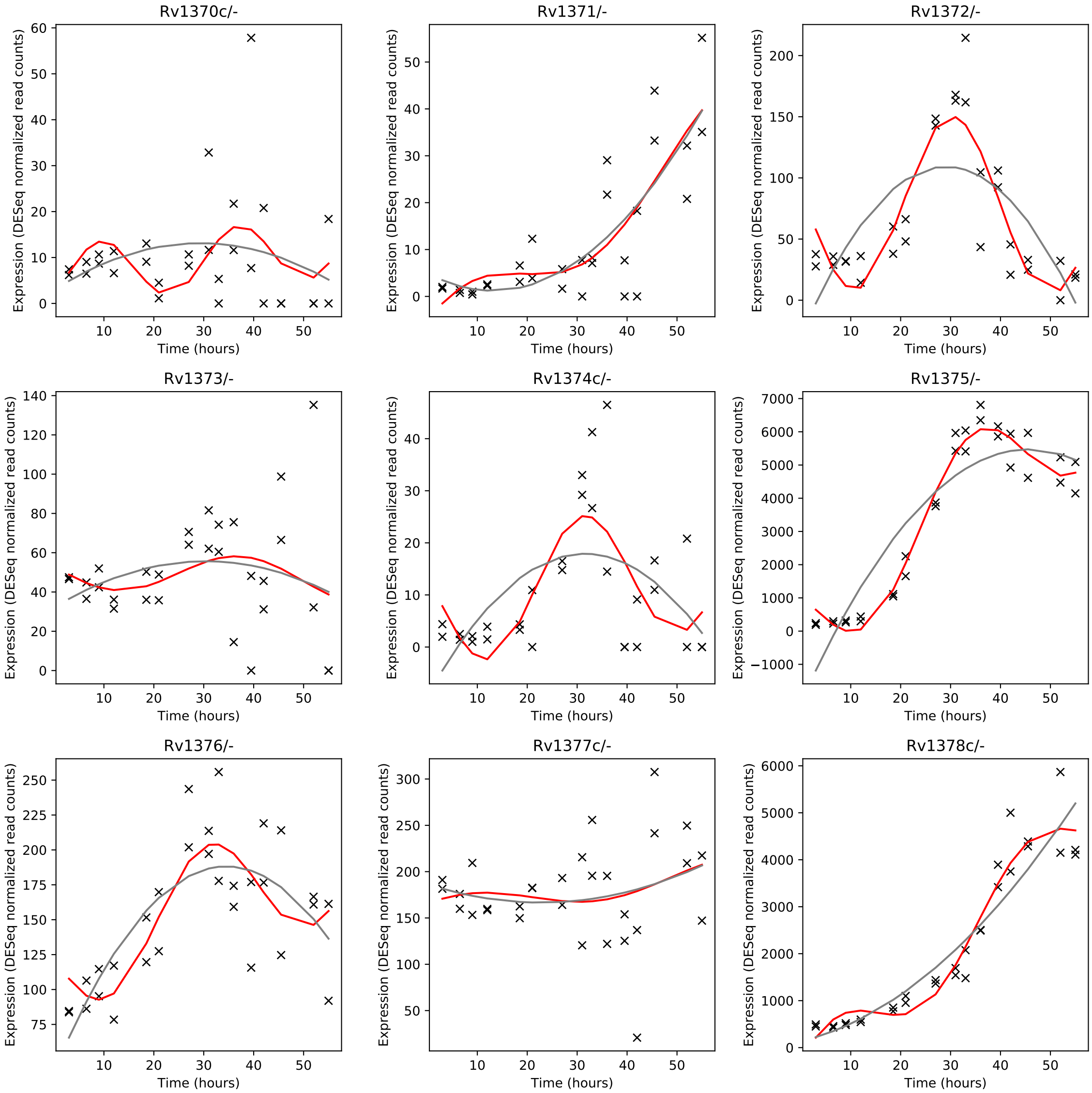

Rv1366/-
Expression (DESeq normalized read counts)
Time (hours)

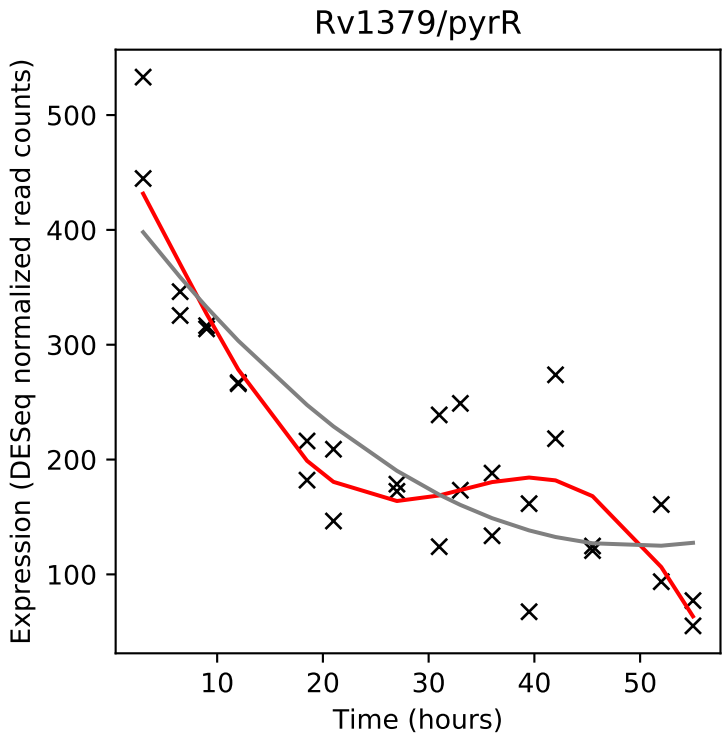

Rv1366A/-
Expression (DESeq normalized read counts)
Time (hours)

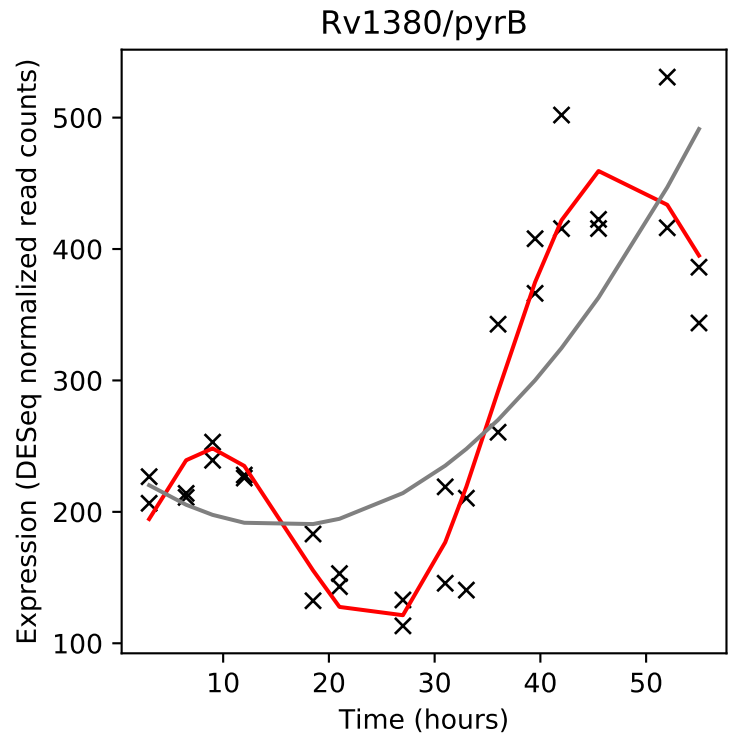

Rv1367c/-
Expression (DESeq normalized read counts)
Time (hours)

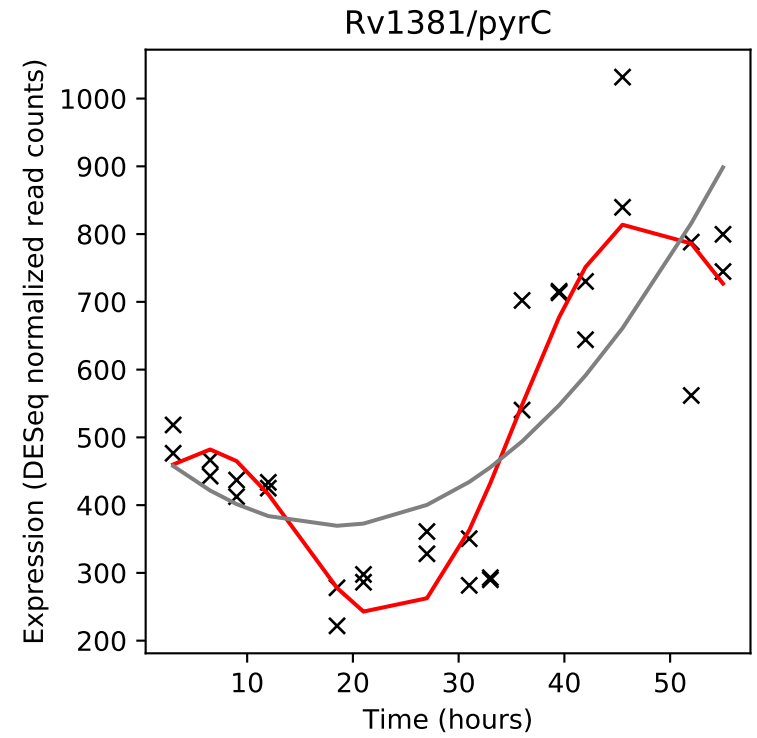

Rv1368/lprF
Expression (DESeq normalized read counts)
Time (hours)

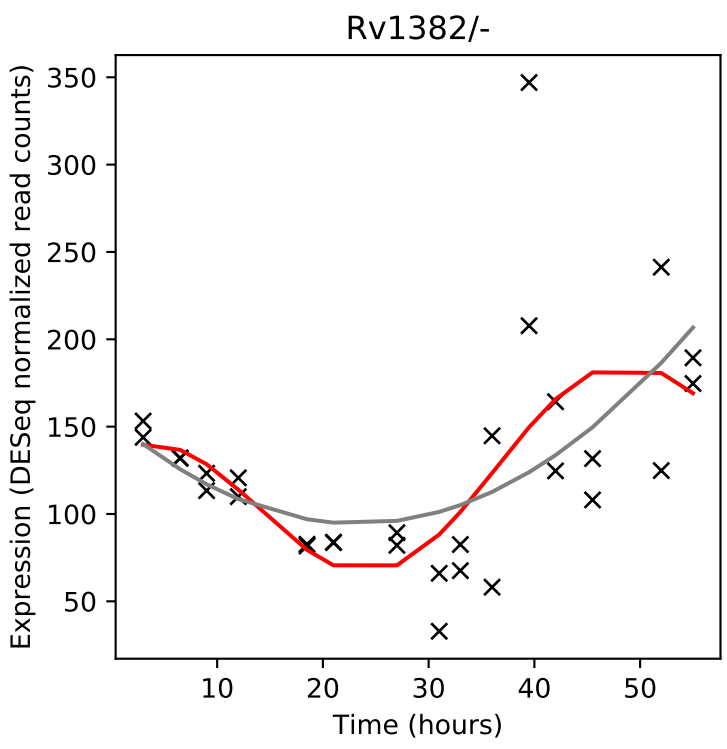

Rv1369c/-
Expression (DESeq normalized read counts)
Time (hours)

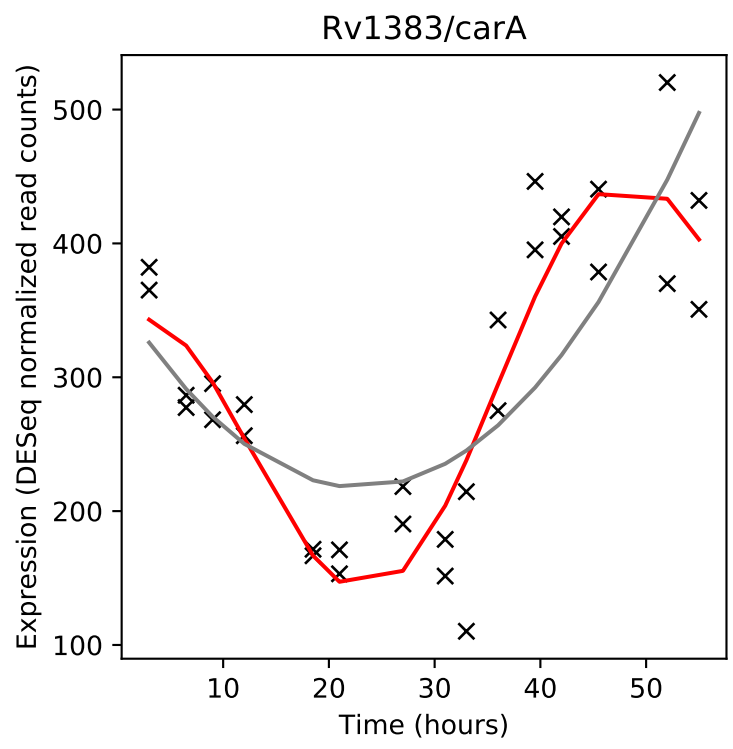

Rv1370c/-
Rv1371/-
Rv1372/-
Rv1373/-
Rv1374c/-
Rv1375/-
Rv1376/-
Rv1377c/-
Rv1378c/-
Expression (DESeq normalized read counts)
Time (hours)

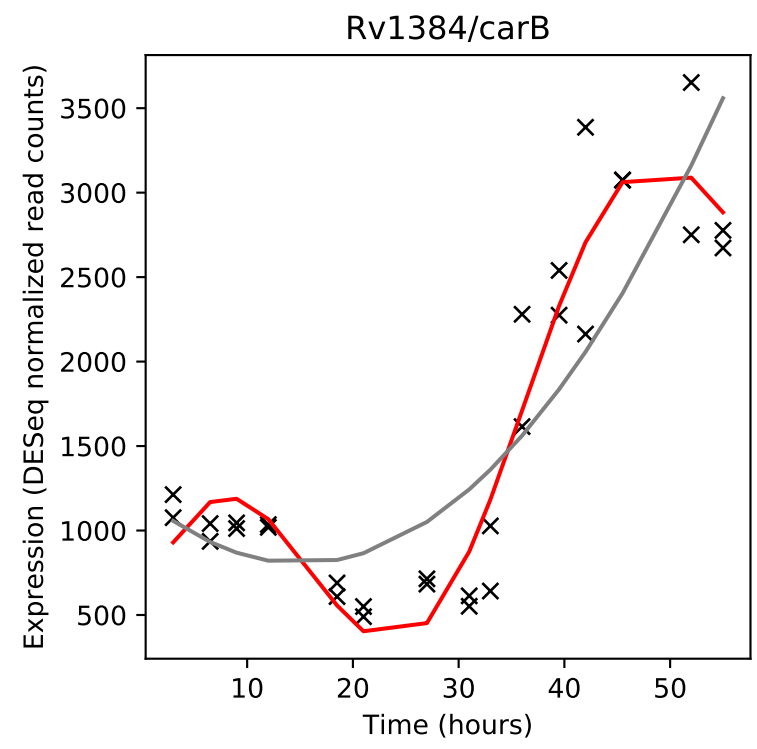

Rv1379/pyrR
Expression (DESeq normalized read counts)
Time (hours)

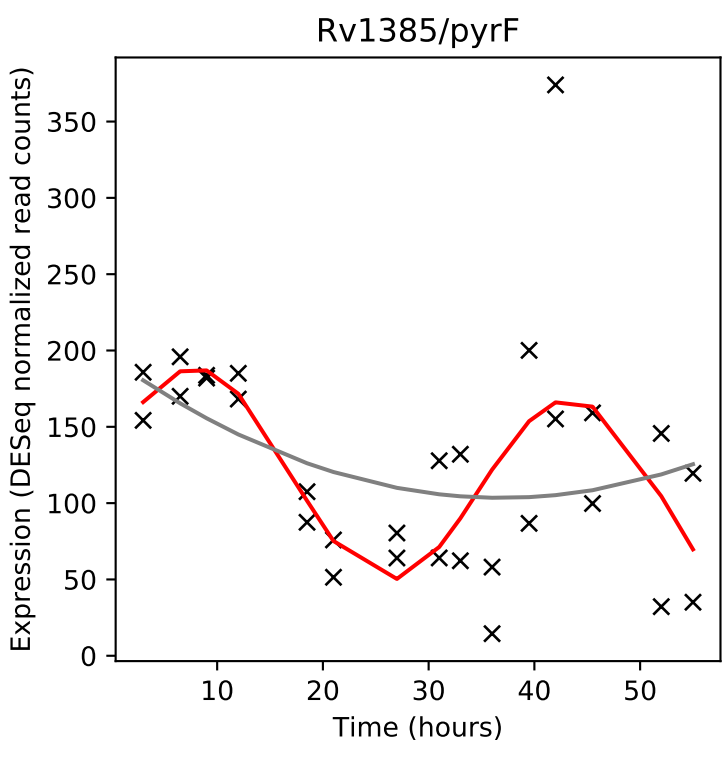

Rv1380/pyrB
Expression (DESeq normalized read counts)
Time (hours)

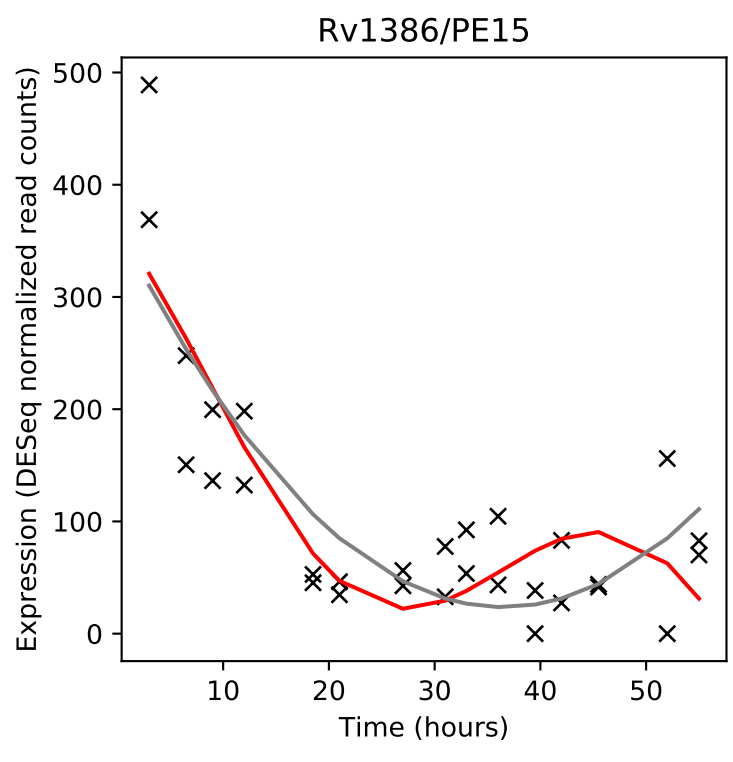

Rv1381/pyrC
Expression (DESeq normalized read counts)
Time (hours)

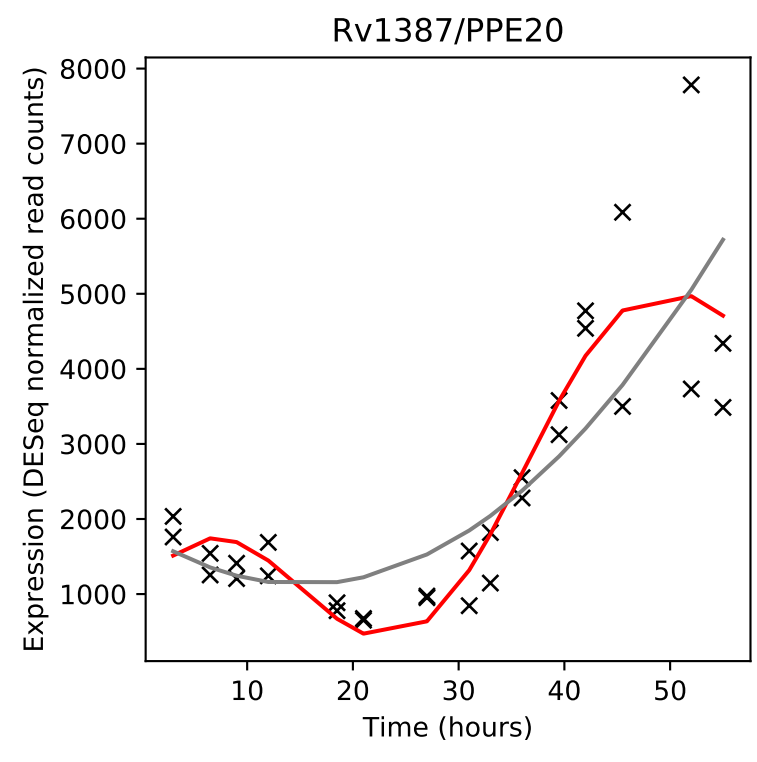

Rv1382/-
Expression (DESeq normalized read counts)
Time (hours)

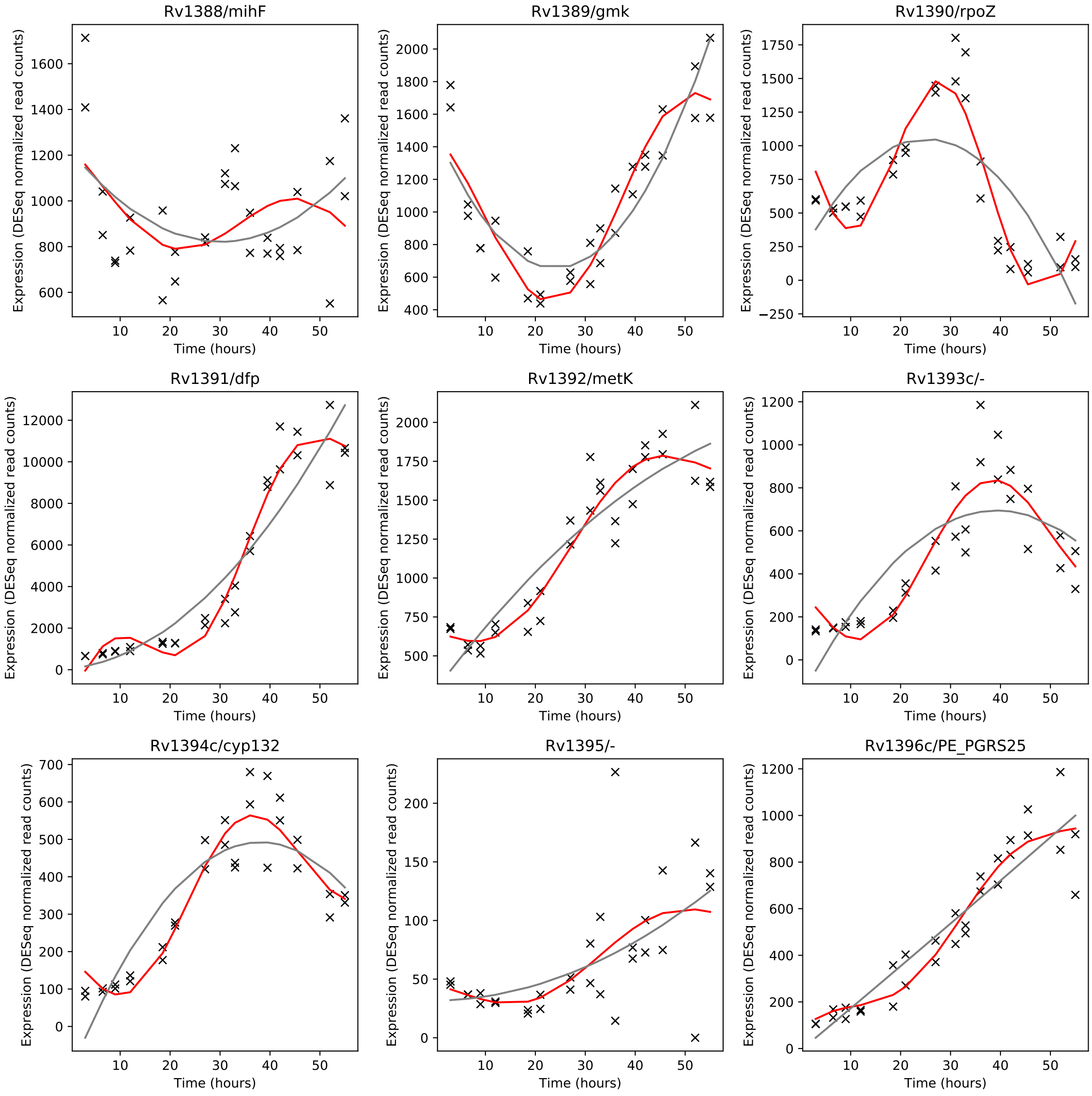

Rv1383/carA
Expression (DESeq normalized read counts)
Time (hours)

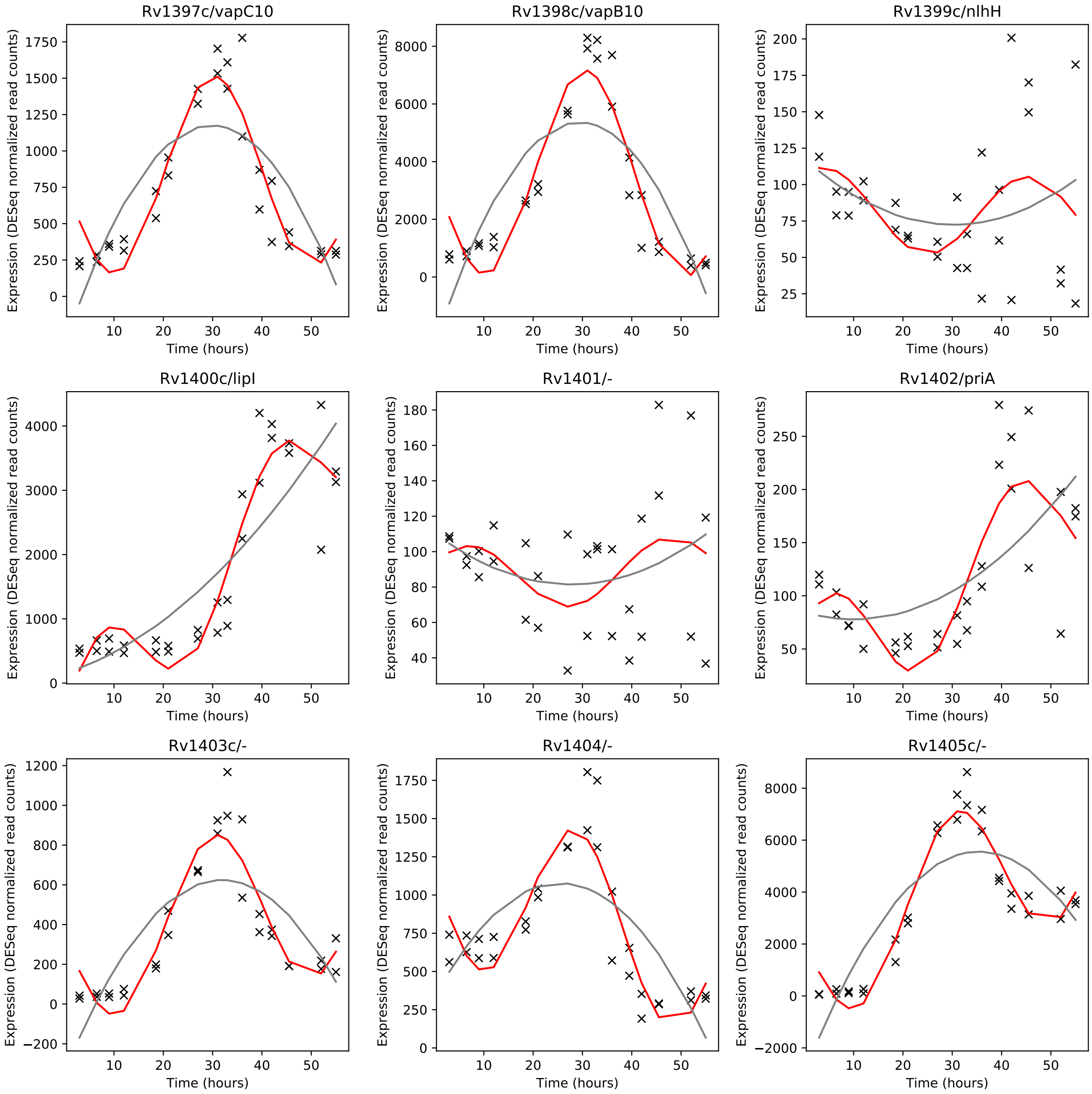

Rv1384/carB
Expression (DESeq normalized read counts)
Time (hours)

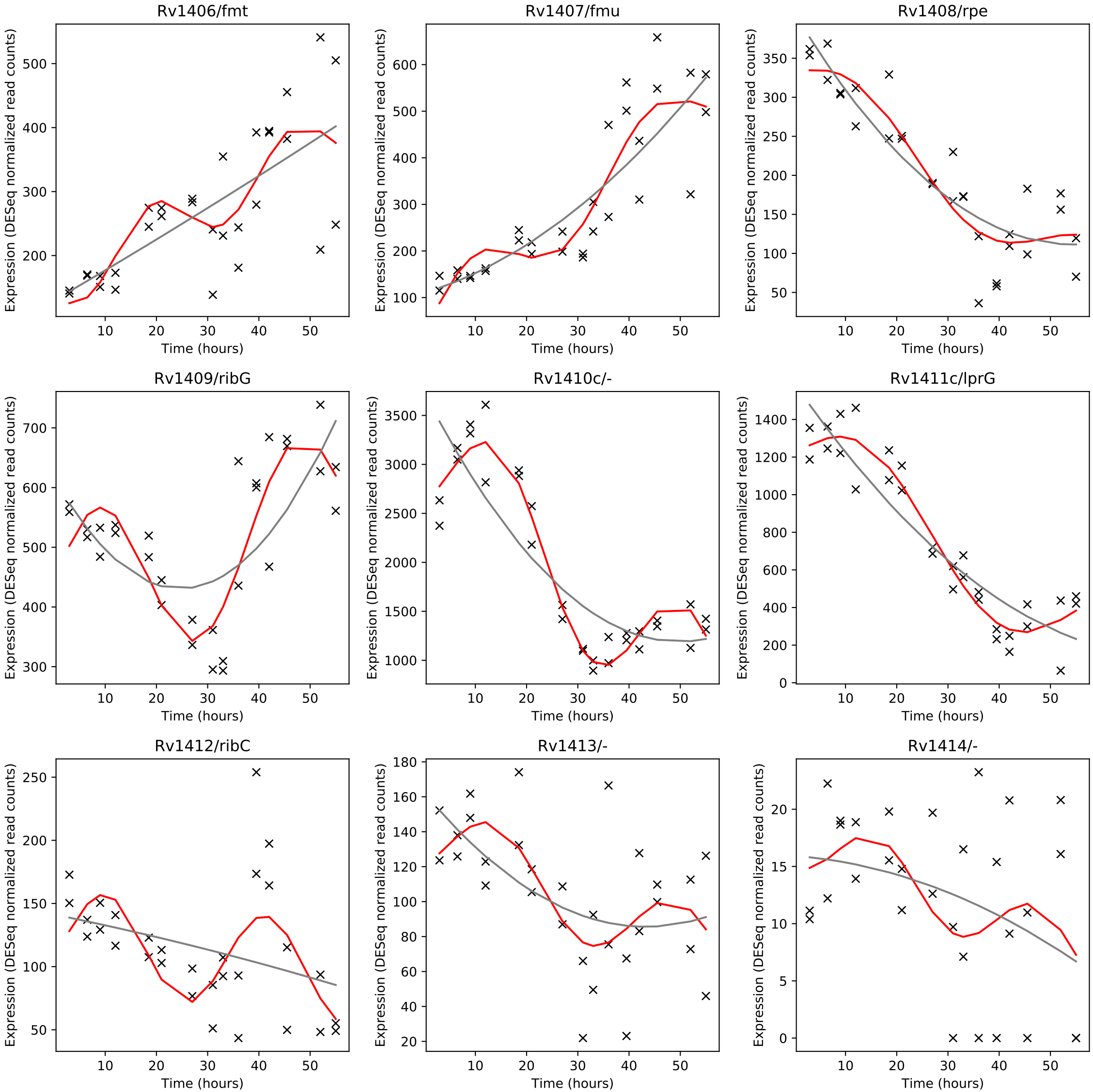

Rv1385/pyrF
Expression (DESeq normalized read counts)
Time (hours)

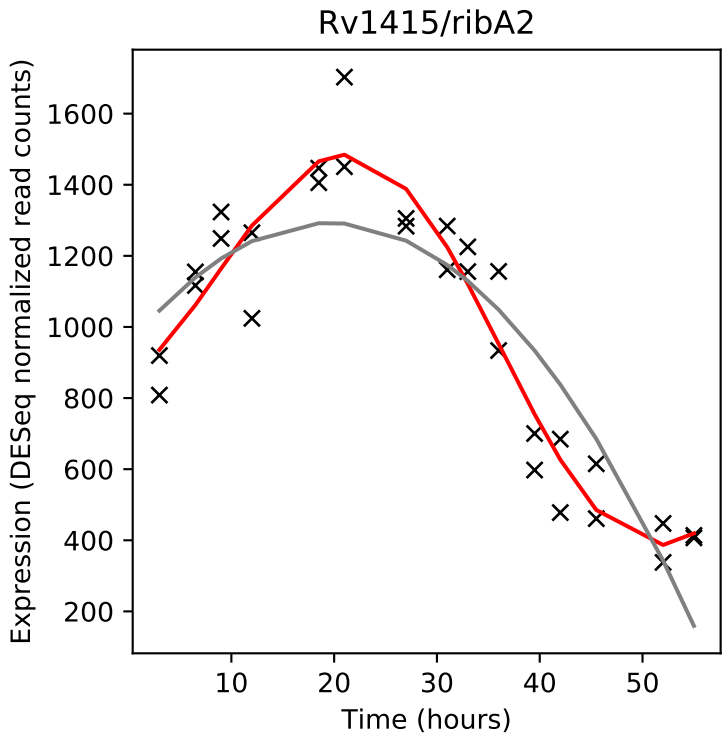

Rv1386/PE15
Expression (DESeq normalized read counts)
Time (hours)

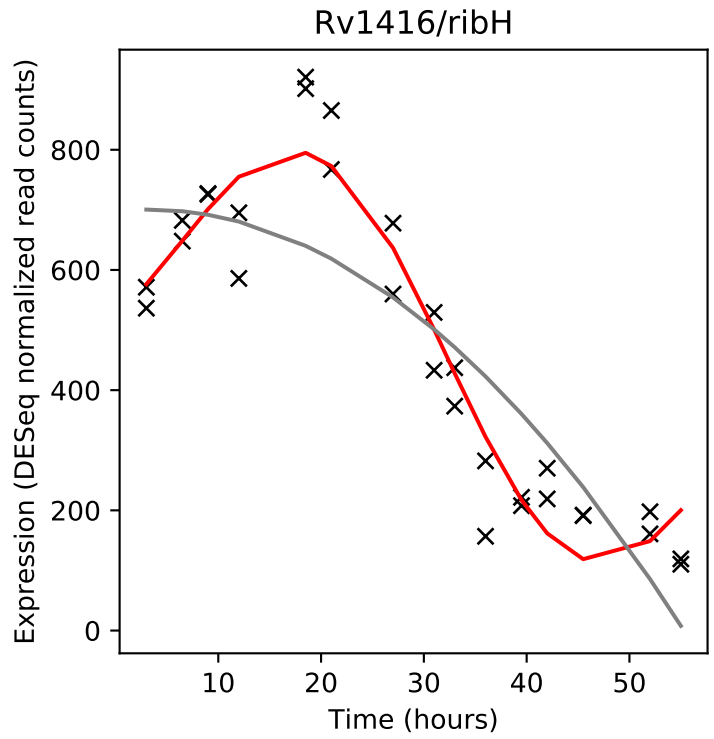

Rv1387/PPE20
Expression (DESeq normalized read counts)
Time (hours)

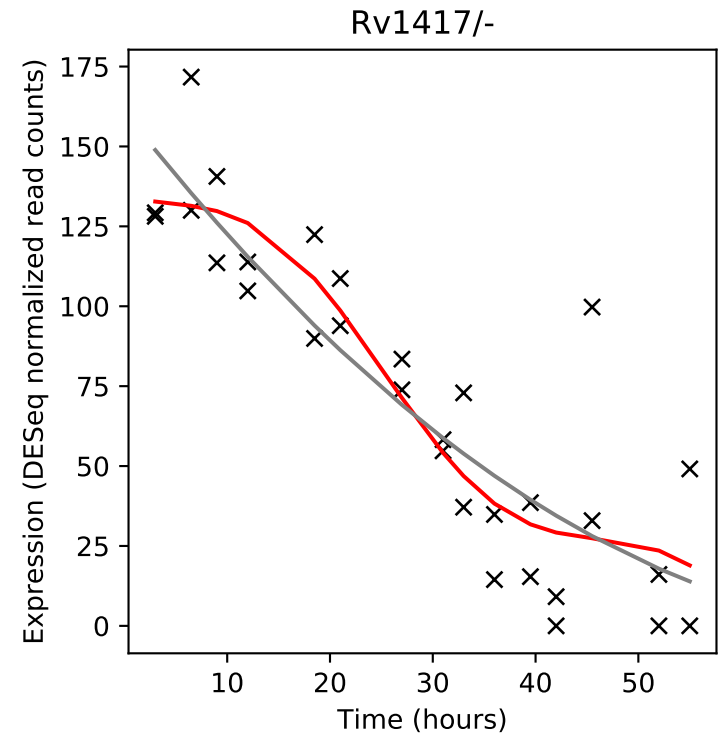

Rv1388/mihF
Rv1389/gmk
Rv1390/rpoZ
Rv1391/dfp
Rv1392/metK
Rv1393c/-
Rv1394c/cyp132
Rv1395/-
Rv1396c/PE_PGRS25
Expression (DESeq normalized read counts)
Time (hours)

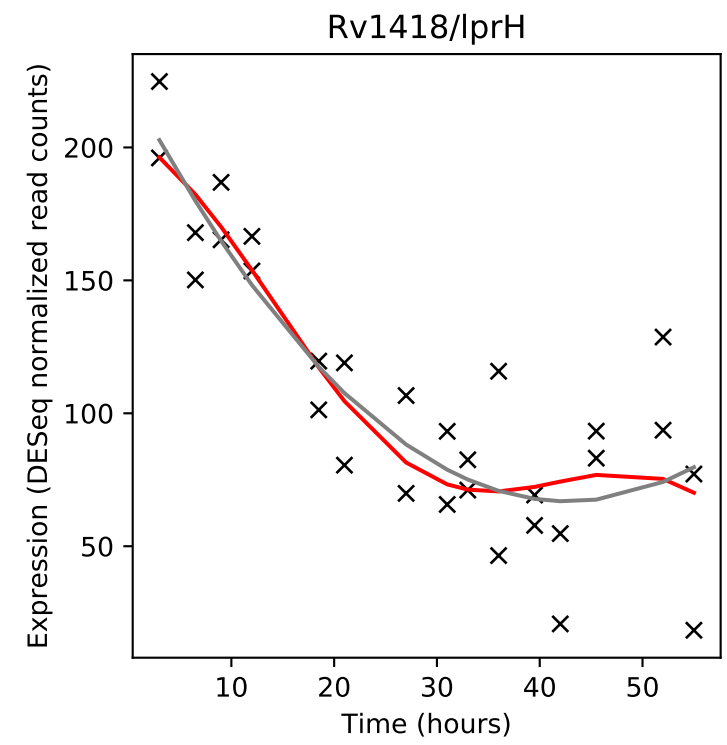

Rv1397c/vapC10
Rv1398c/vapB10
Rv1399c/nlhH
Rv1400c/lipI
Rv1401/-
Rv1402/priA
Rv1403c/-
Rv1404/-
Rv1405c/-
Expression (DESeq normalized read counts)
Time (hours)

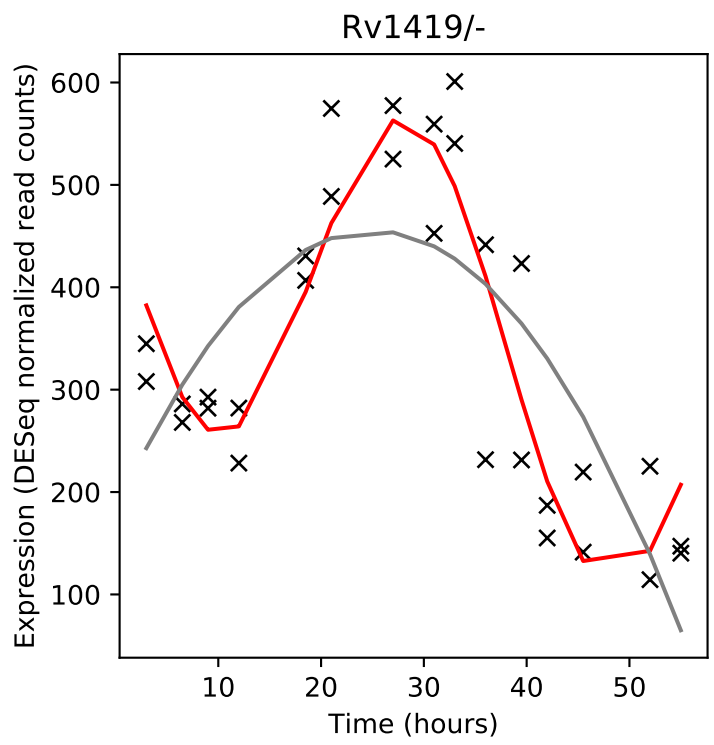

Rv1406/fmt
Rv1407/fmu
Rv1408/rpe
Rv1409/ribG
Rv1410c/-
Rv1411c/lprG
Rv1412/ribC
Rv1413/-
Rv1414/-
Expression (DESeq normalized read counts)
Time (hours)

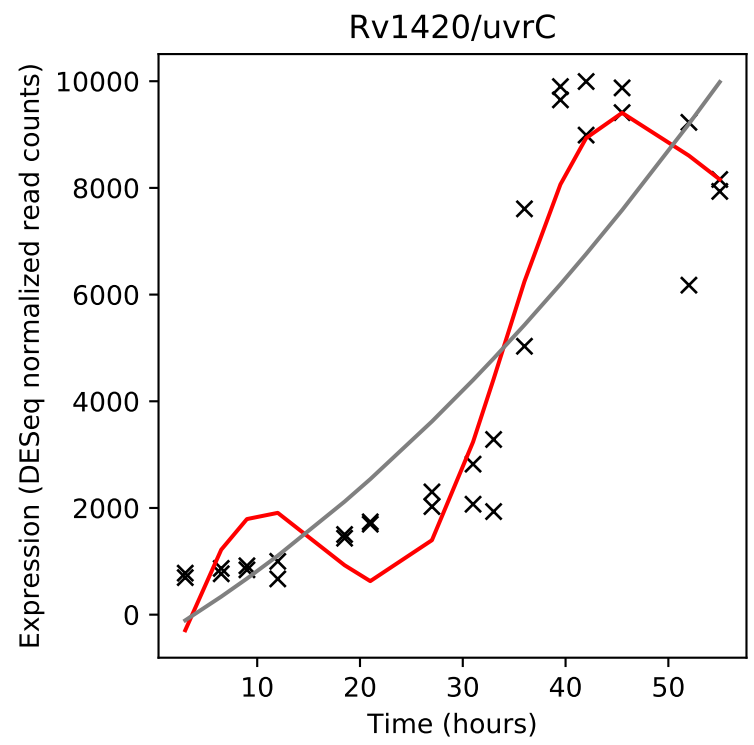

Rv1415/ribA2
Expression (DESeq normalized read counts)
Time (hours)

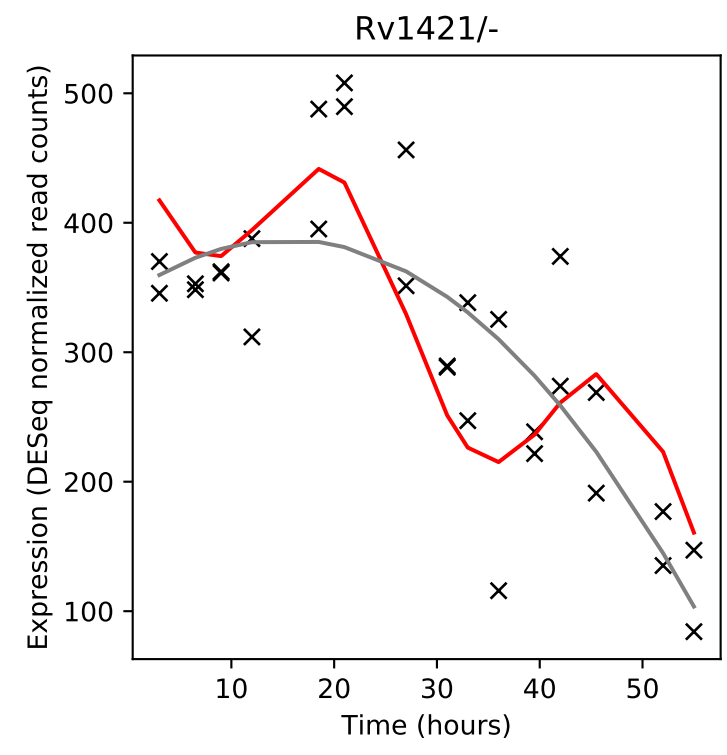

Rv1416/ribH
Expression (DESeq normalized read counts)
Time (hours)

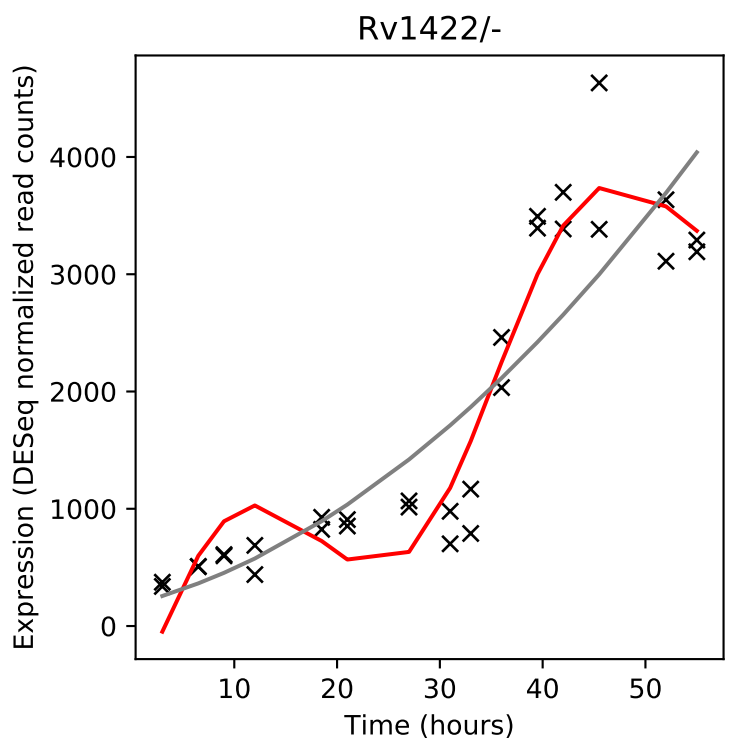

Rv1417/-
Expression (DESeq normalized read counts)
Time (hours)

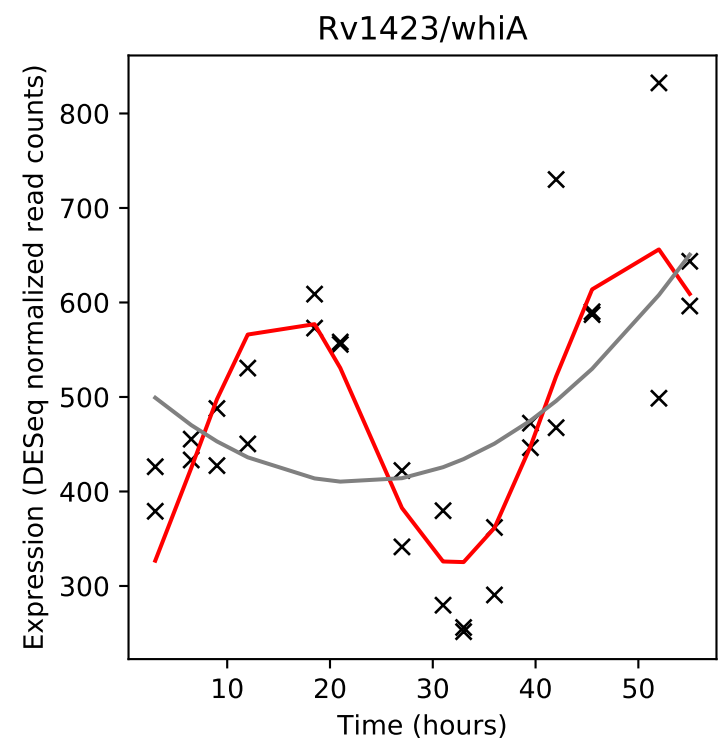

Rv1418/lprH
Expression (DESeq normalized read counts)
Time (hours)

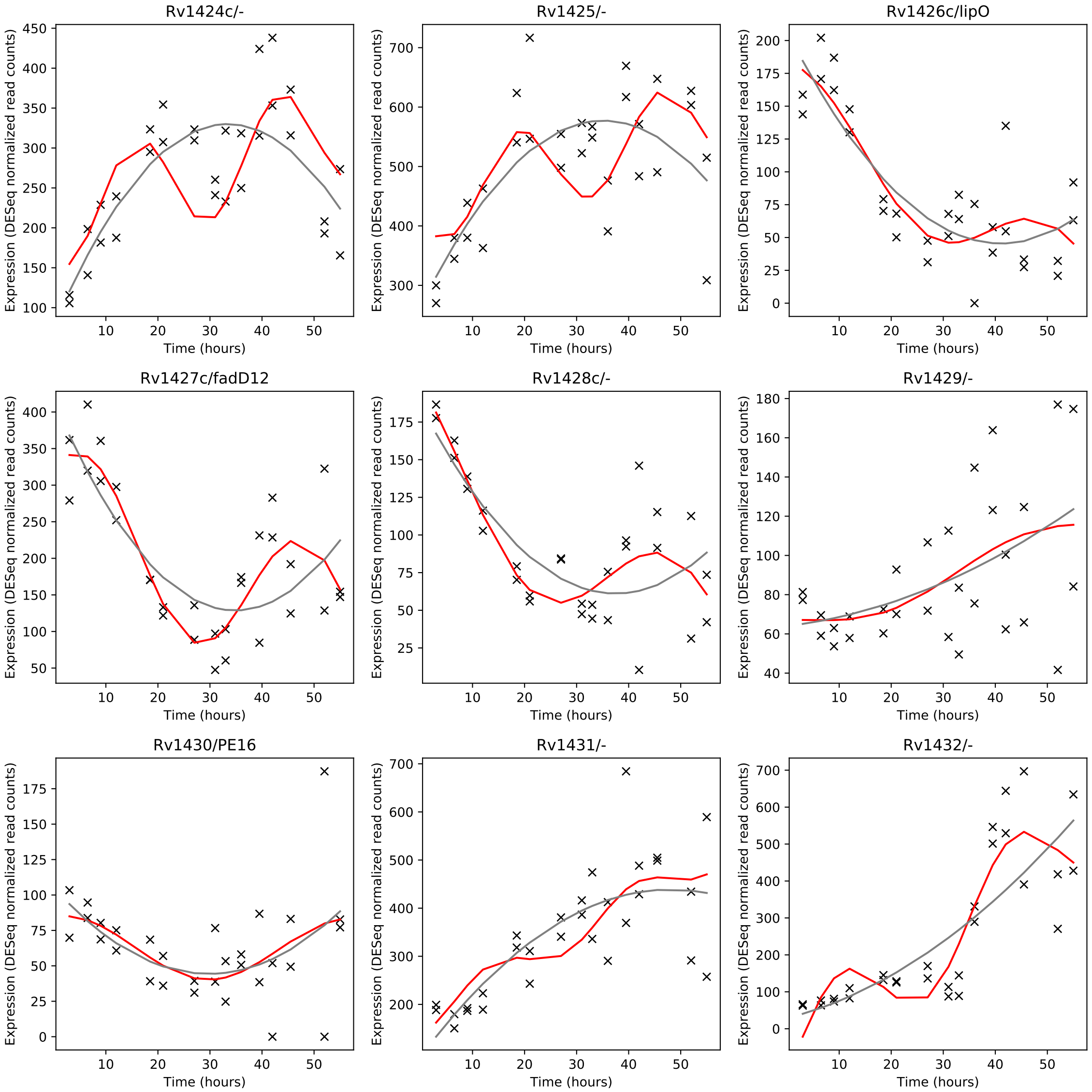

Rv1419/-
Expression (DESeq normalized read counts)
Time (hours)

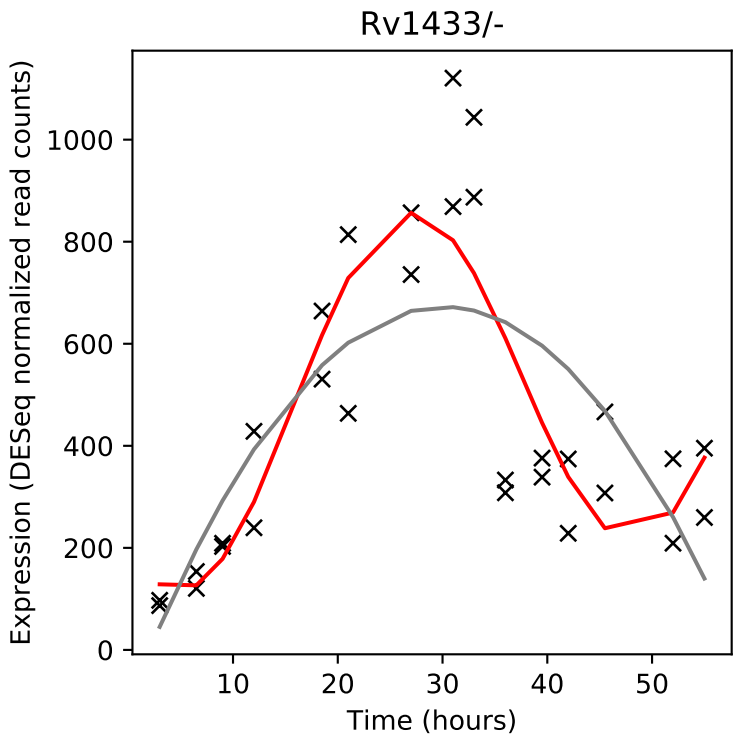

Rv1420/uvrC
Expression (DESeq normalized read counts)
Time (hours)

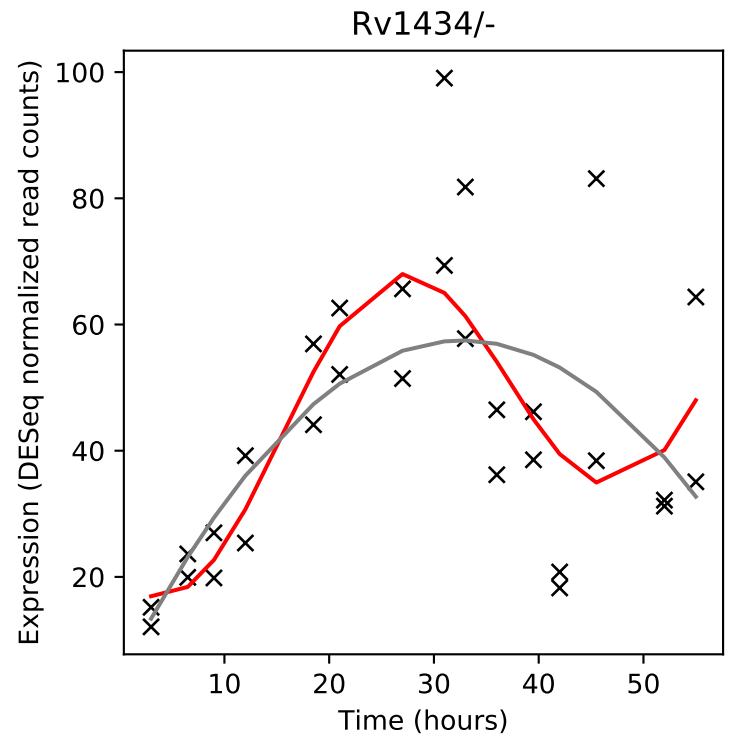

Rv1421/-
Expression (DESeq normalized read counts)
Time (hours)

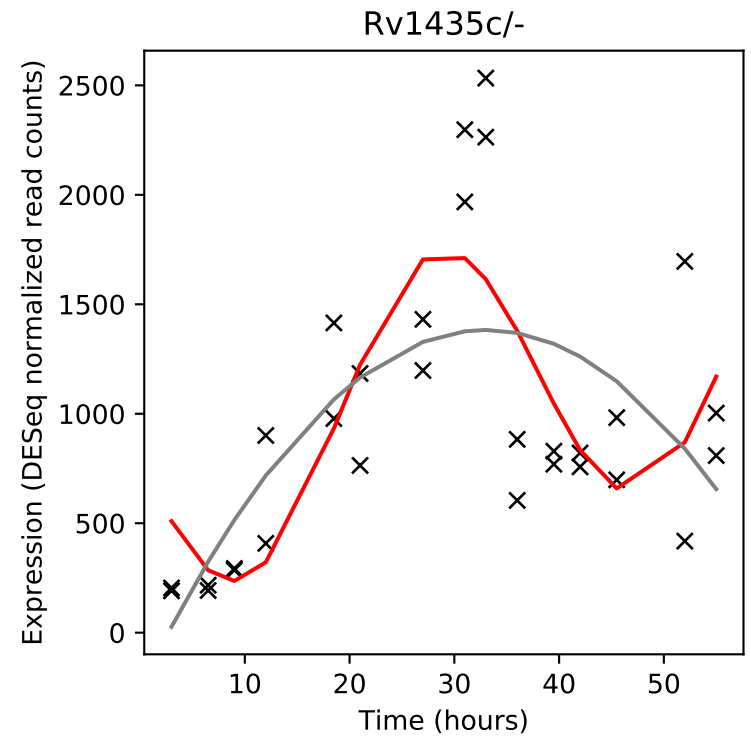

Rv1422/-
Expression (DESeq normalized read counts)
Time (hours)

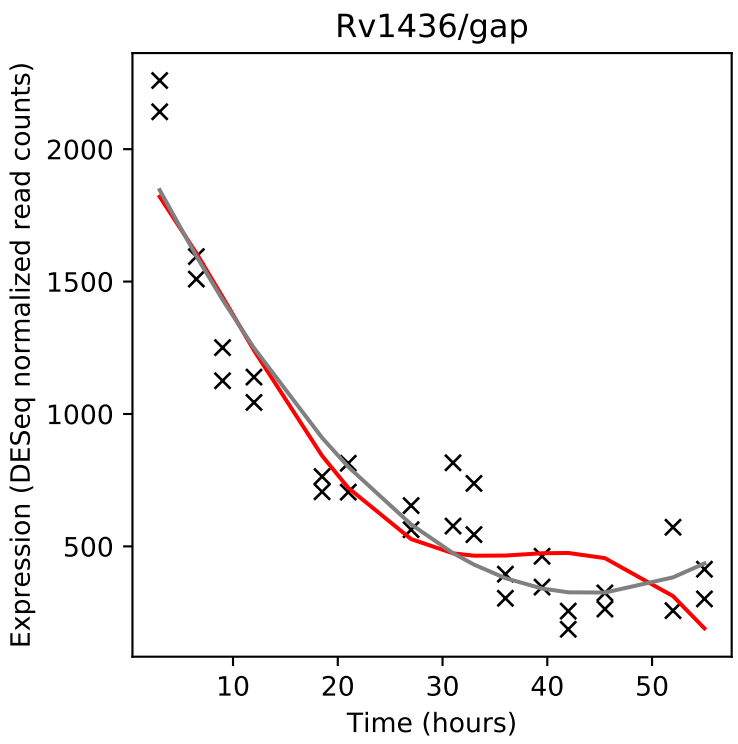

Rv1423/whiA
Expression (DESeq normalized read counts)
Time (hours)

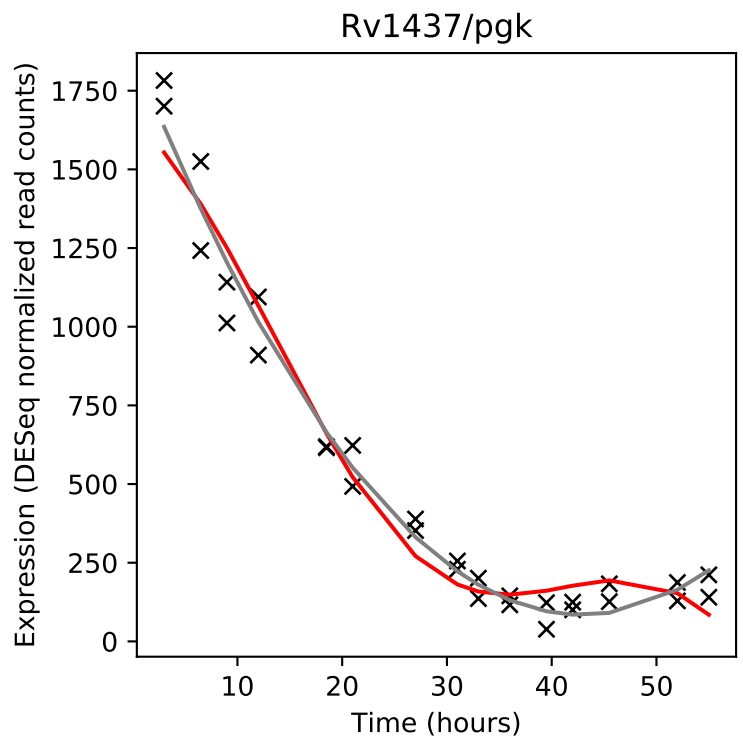

Rv1424c/-
Rv1425/-
Rv1426c/lipO
Rv1427c/fadD12
Rv1428c/-
Rv1429/-
Rv1430/PE16
Rv1431/-
Rv1432/-
Expression (DESeq normalized read counts)
Time (hours)

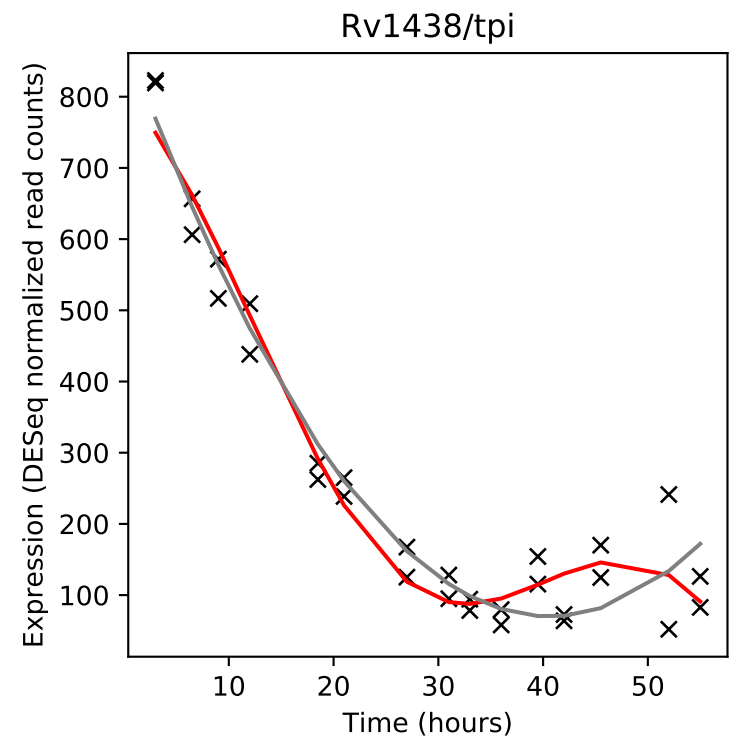

Rv1433/-
Expression (DESeq normalized read counts)
Time (hours)

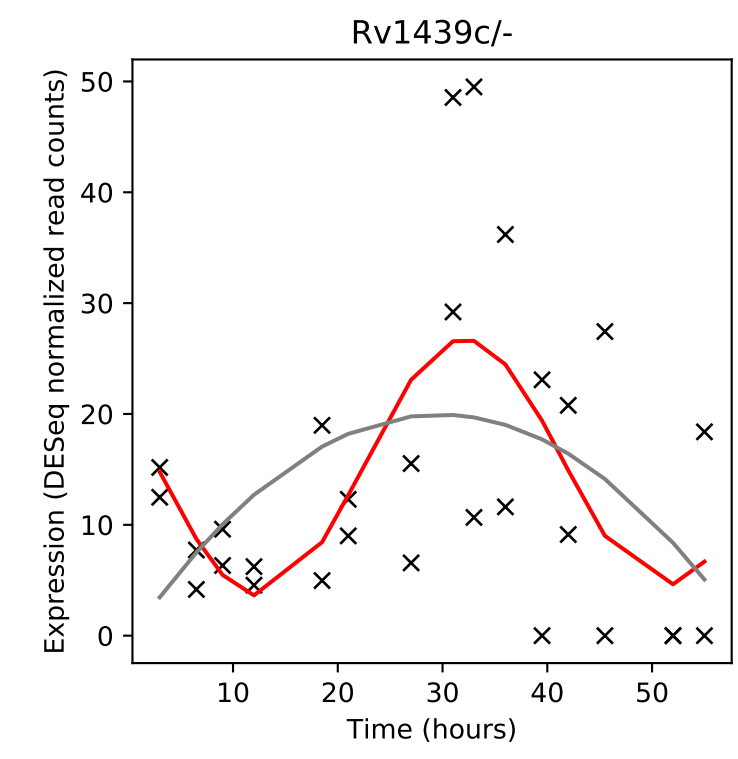

Rv1434/-
Expression (DESeq normalized read counts)
Time (hours)

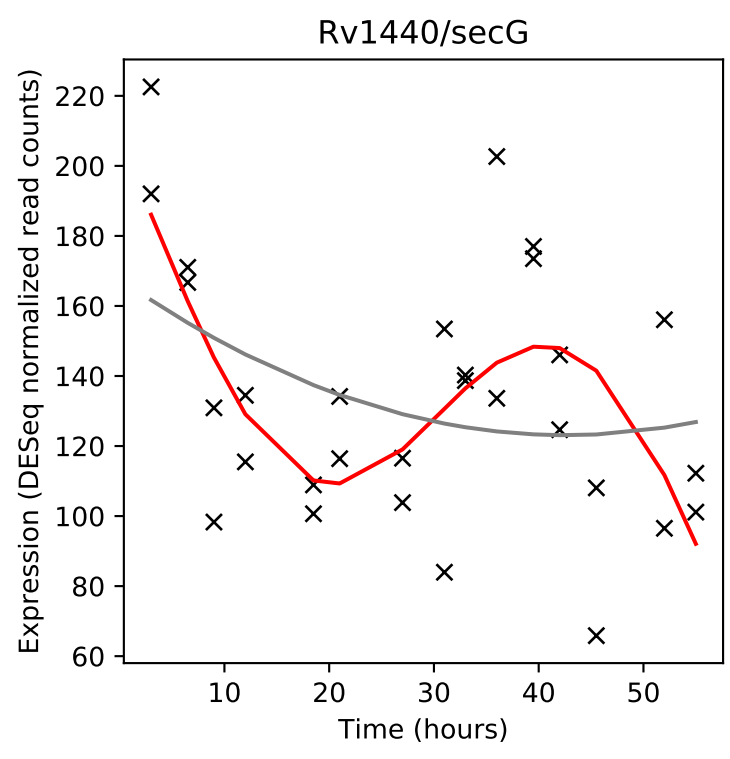

Rv1435c/-
Expression (DESeq normalized read counts)
Time (hours)

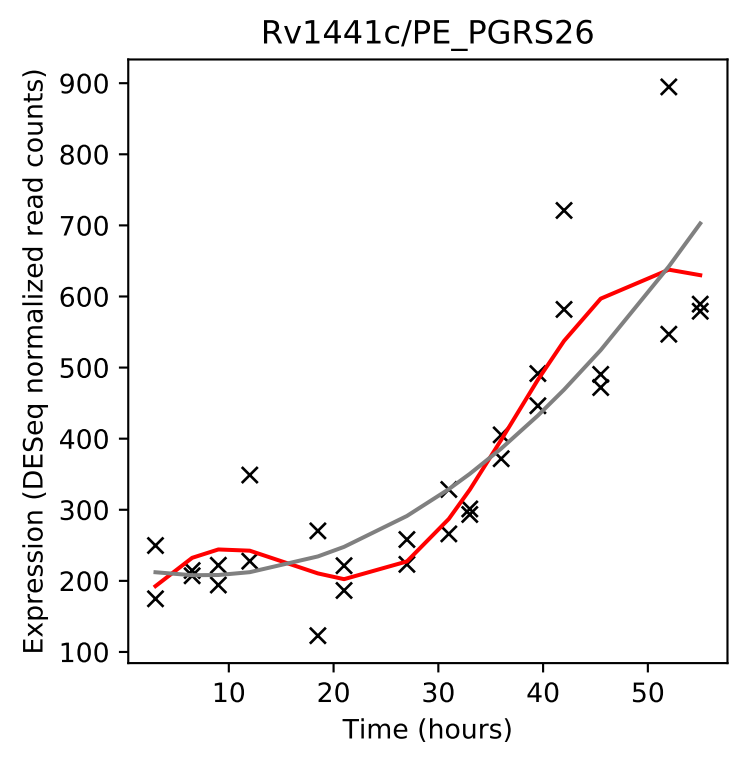

Rv1436/gap
Expression (DESeq normalized read counts)
Time (hours)

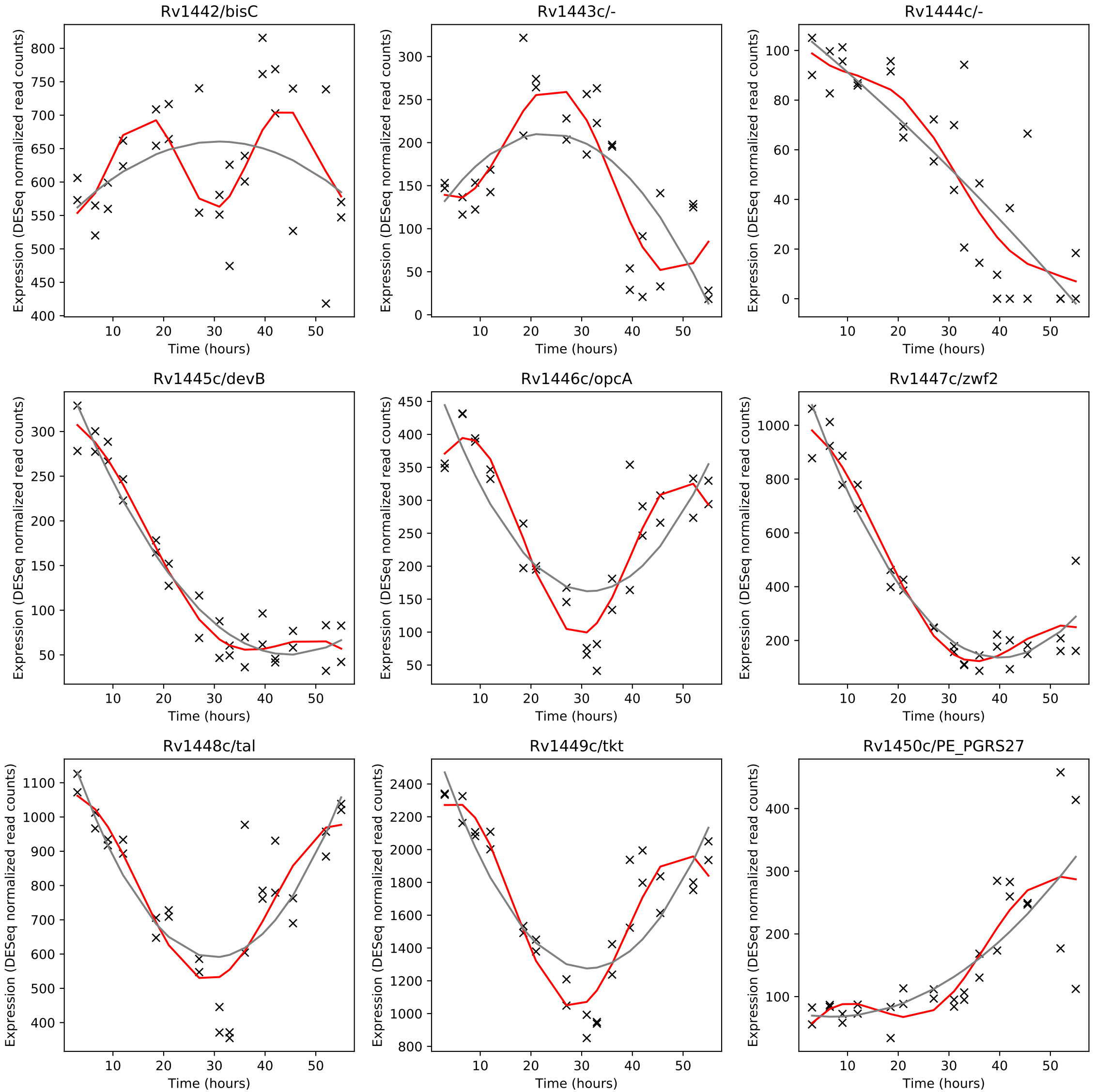

Rv1437/pgk
Expression (DESeq normalized read counts)
Time (hours)

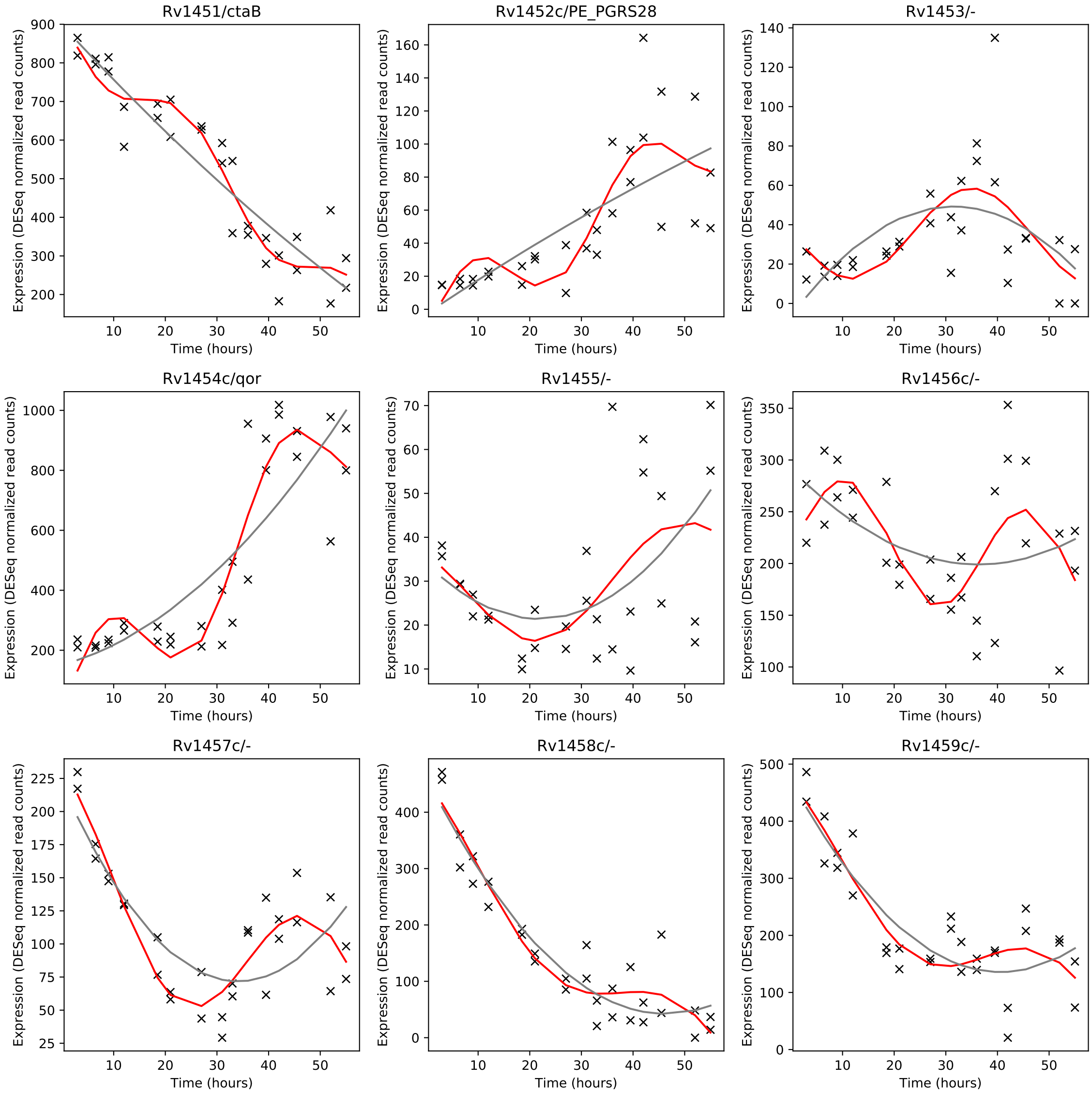

Rv1438/tpi
Expression (DESeq normalized read counts)
Time (hours)

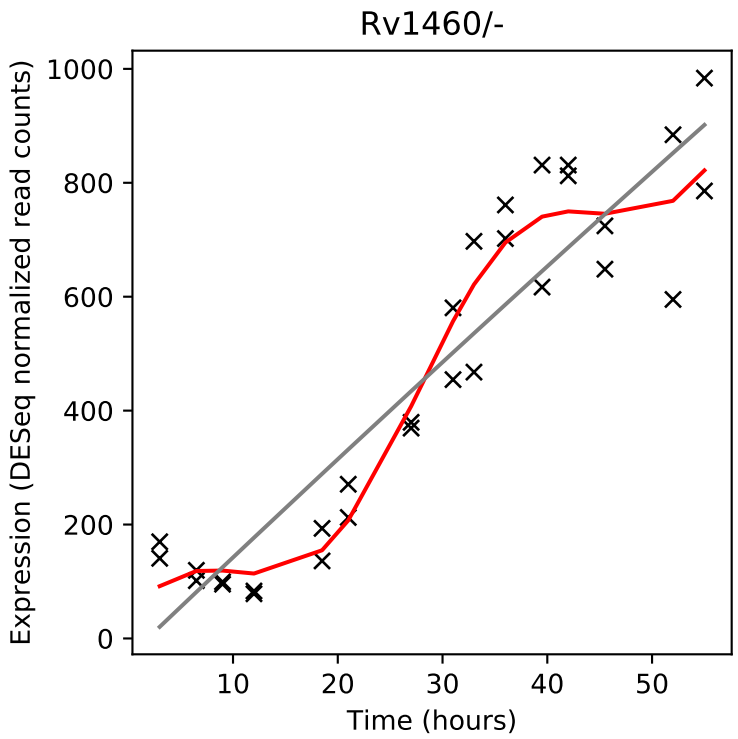

Rv1439c/-
Expression (DESeq normalized read counts)
Time (hours)

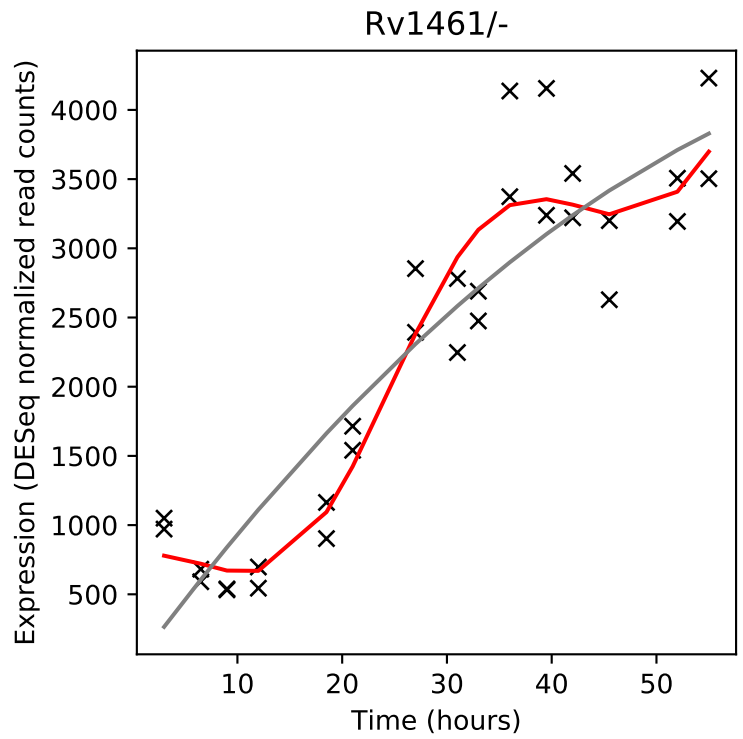

Rv1440/secG
Expression (DESeq normalized read counts)
Time (hours)

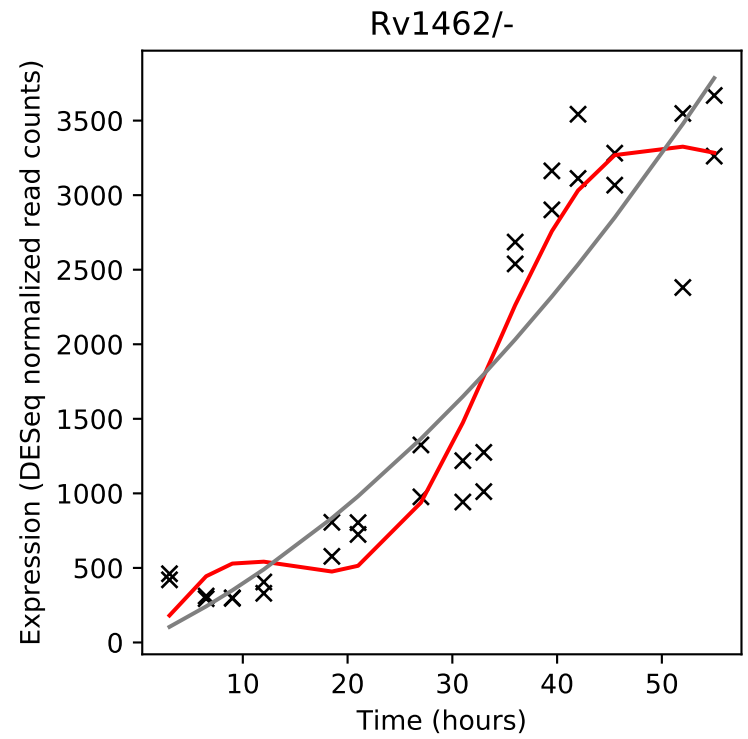

Rv1441c/PE_PGRS26
Expression (DESeq normalized read counts)
Time (hours)

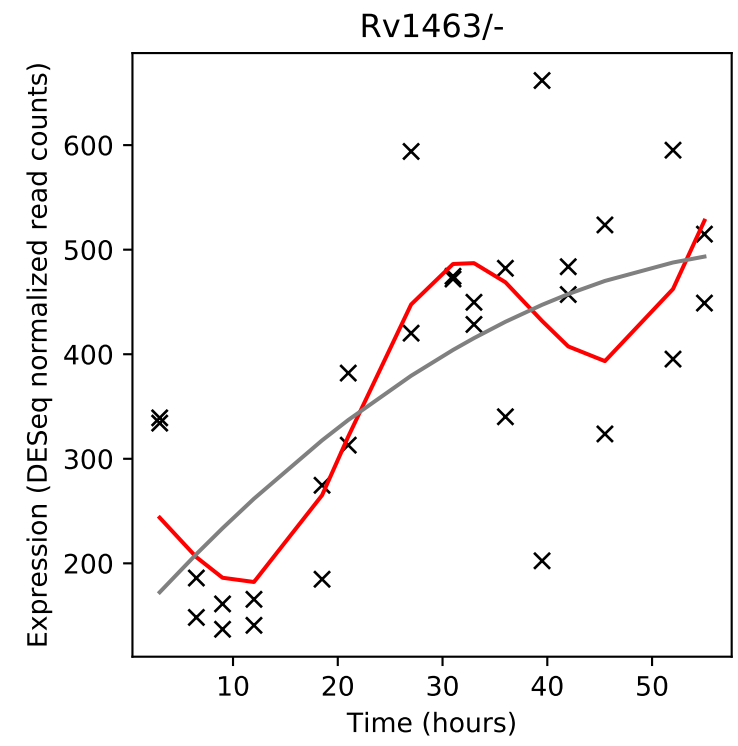

Rv1442/bisC
Rv1443c/-
Rv1444c/-
Rv1445c/devB
Rv1446c/opcA
Rv1447c/zwf2
Rv1448c/tal
Rv1449c/tkt
Rv1450c/PE_PGRS27
Expression (DESeq normalized read counts)
Time (hours)

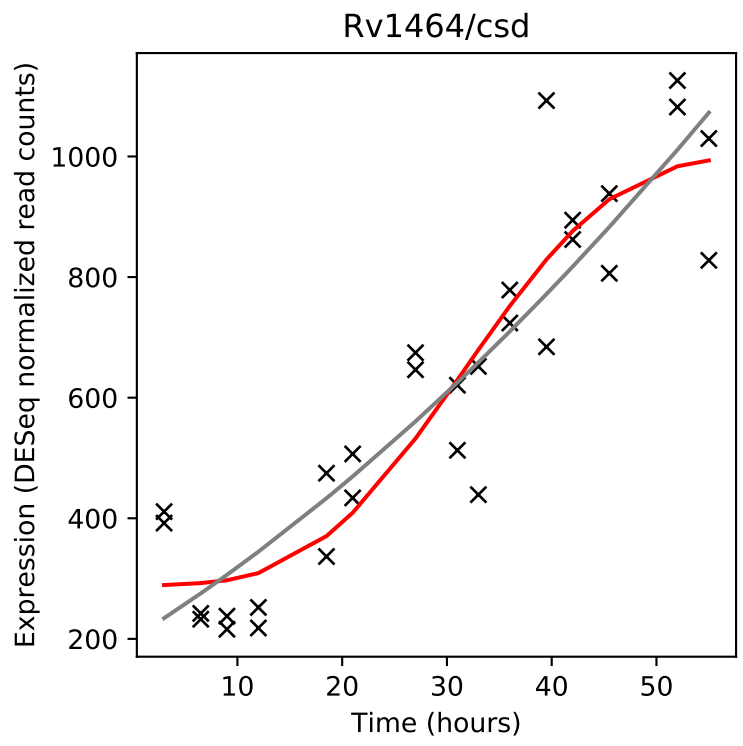

Rv1451/ctaB
Rv1452c/PE_PGRS28
Rv1453/-
Rv1454c/qor
Rv1455/-
Rv1456c/-
Rv1457c/-
Rv1458c/-
Rv1459c/-
Expression (DESeq normalized read counts)
Time (hours)

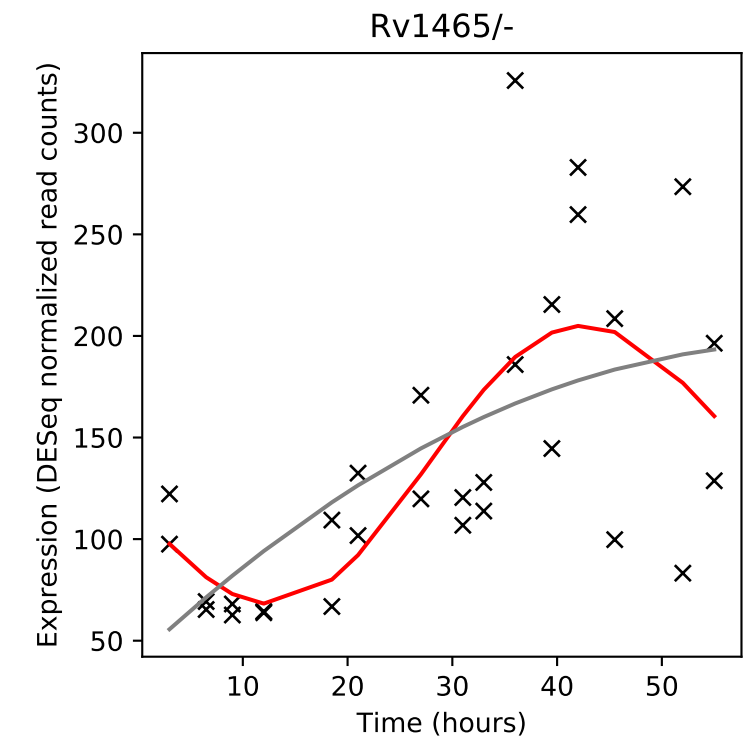

Rv1460/-
Expression (DESeq normalized read counts)
Time (hours)

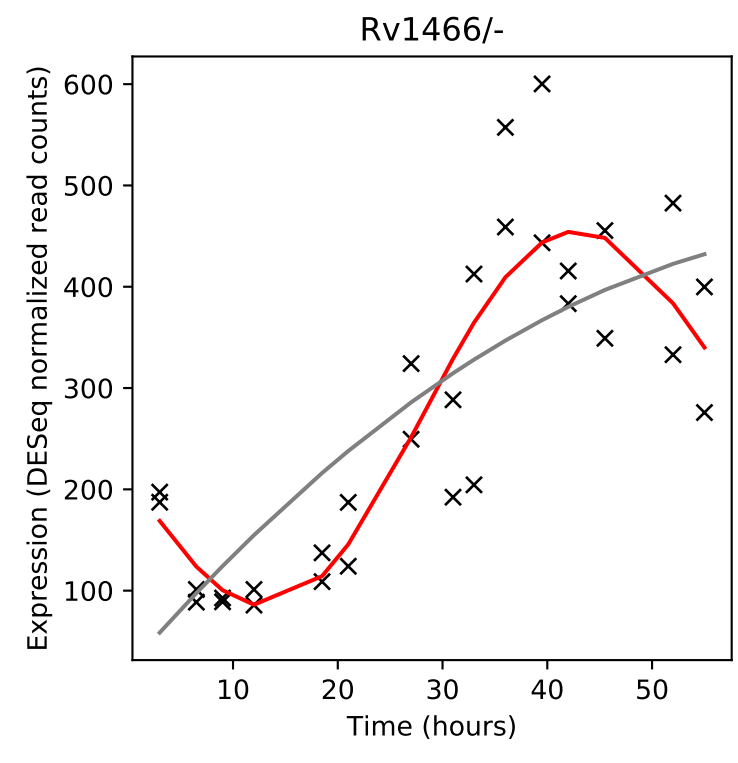

Rv1461/-
Expression (DESeq normalized read counts)
Time (hours)

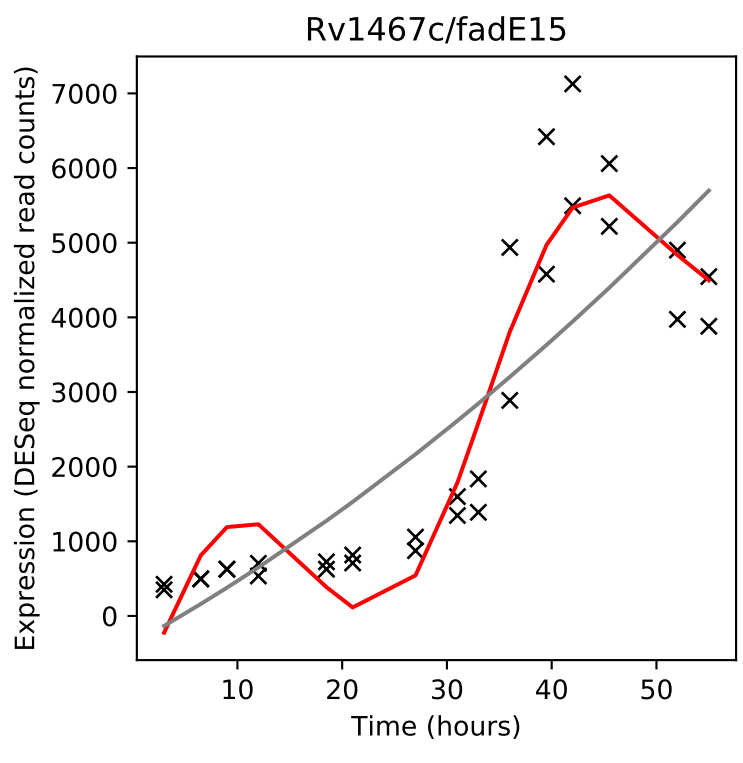

Rv1462/-
Expression (DESeq normalized read counts)
Time (hours)

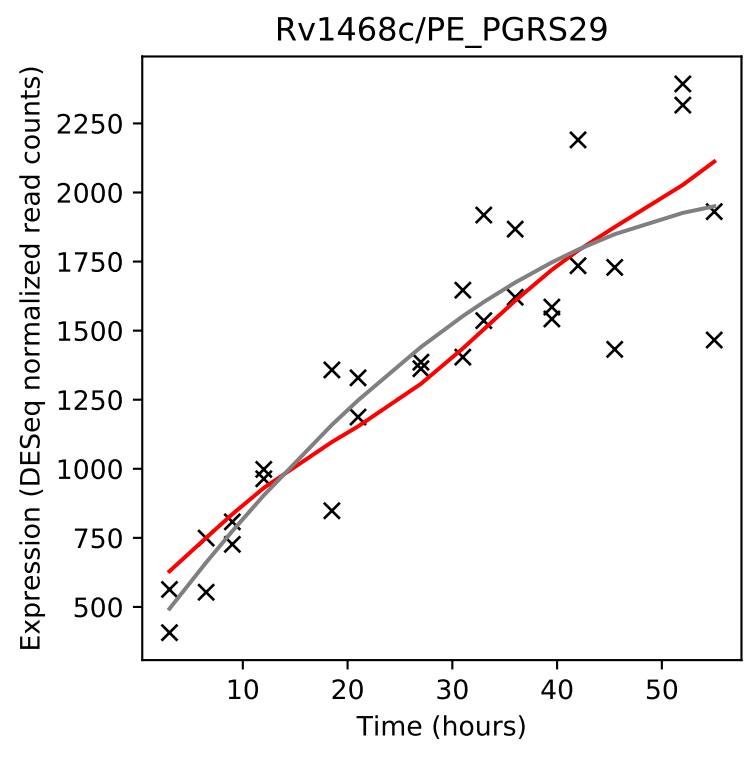

Rv1463/-
Expression (DESeq normalized read counts)
Time (hours)

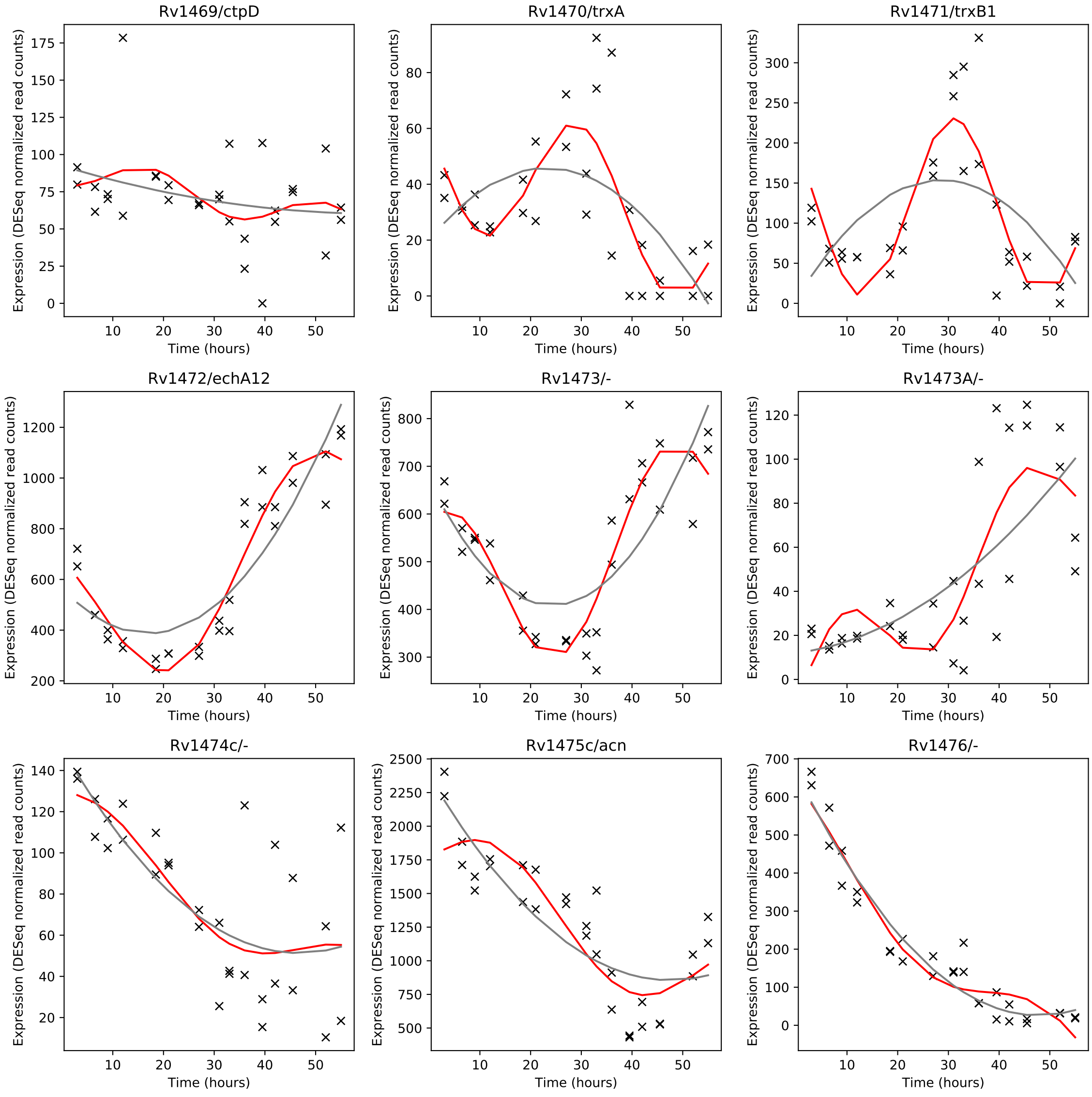

Rv1464/csd
Expression (DESeq normalized read counts)
Time (hours)

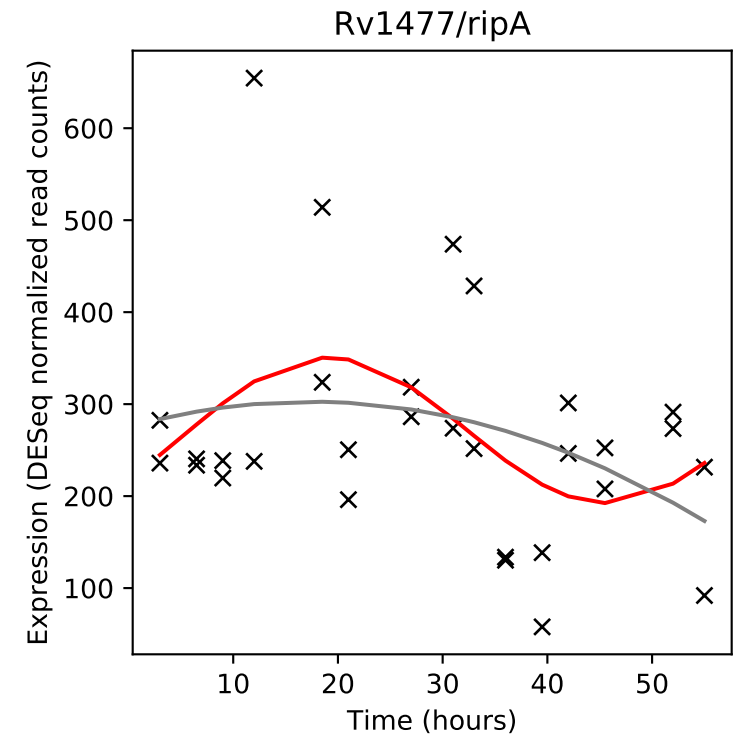

Rv1465/-
Expression (DESeq normalized read counts)
Time (hours)

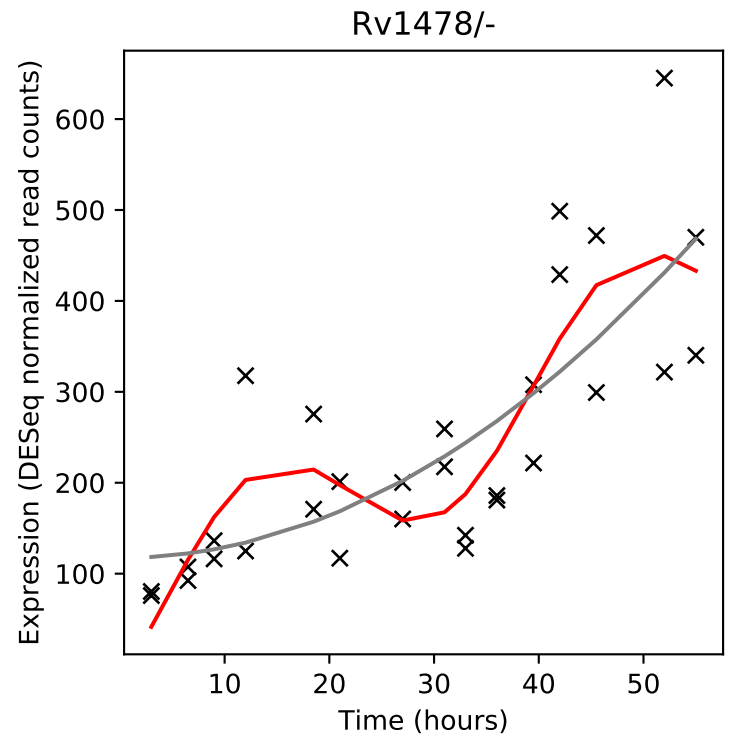

Rv1466/-
Expression (DESeq normalized read counts)
Time (hours)

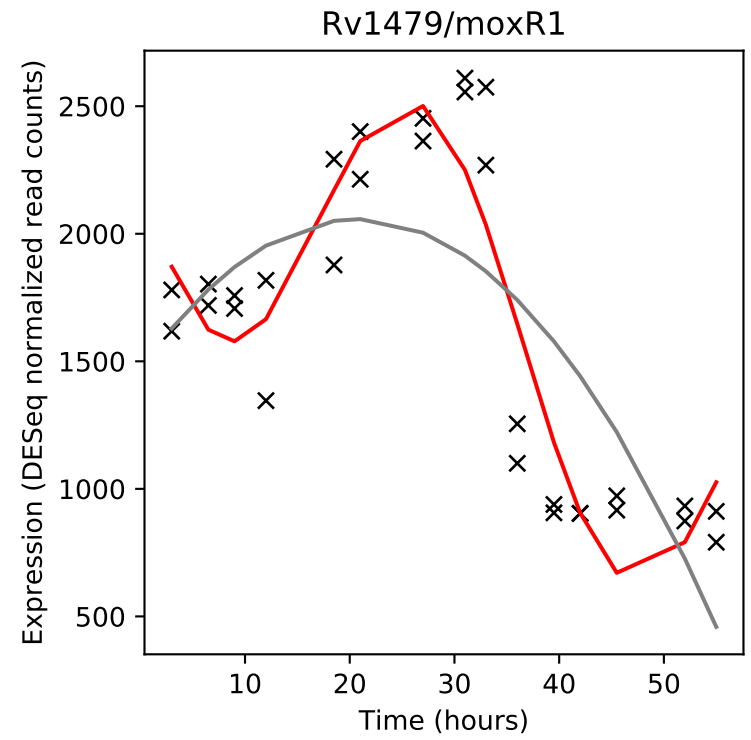

Rv1467c/fadE15
Expression (DESeq normalized read counts)
Time (hours)

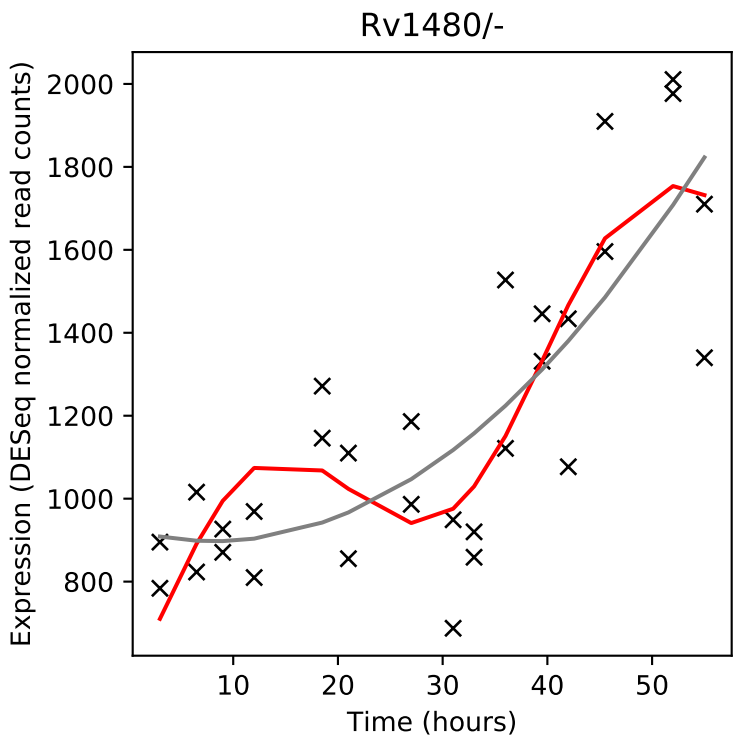

Rv1468c/PE_PGRS29
Expression (DESeq normalized read counts)
Time (hours)

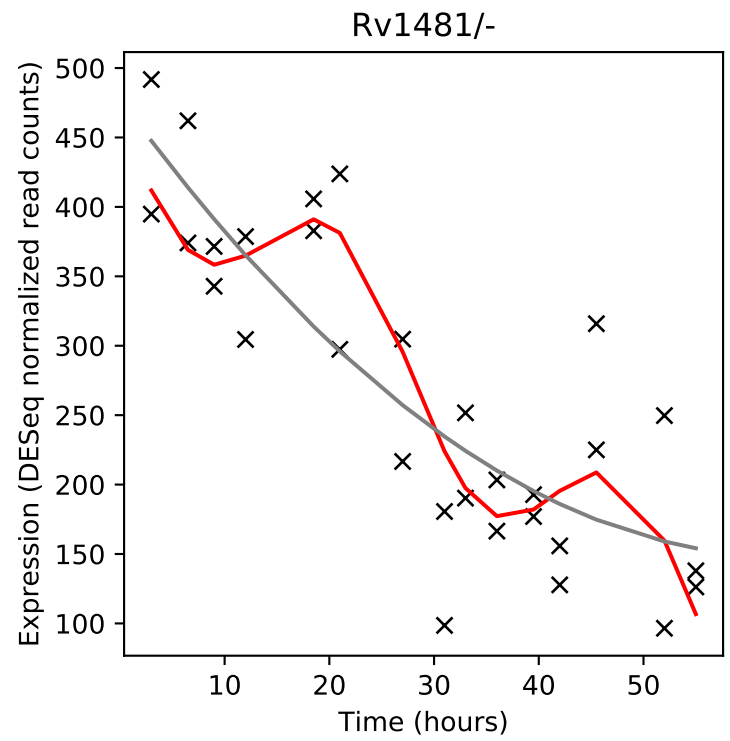

Rv1469/ctpD
Rv1470/trxA
Rv1471/trxB1
Rv1472/echA12
Rv1473/-
Rv1473A/-
Rv1474c/-
Rv1475c/acn
Rv1476/-
Expression (DESeq normalized read counts)
Time (hours)

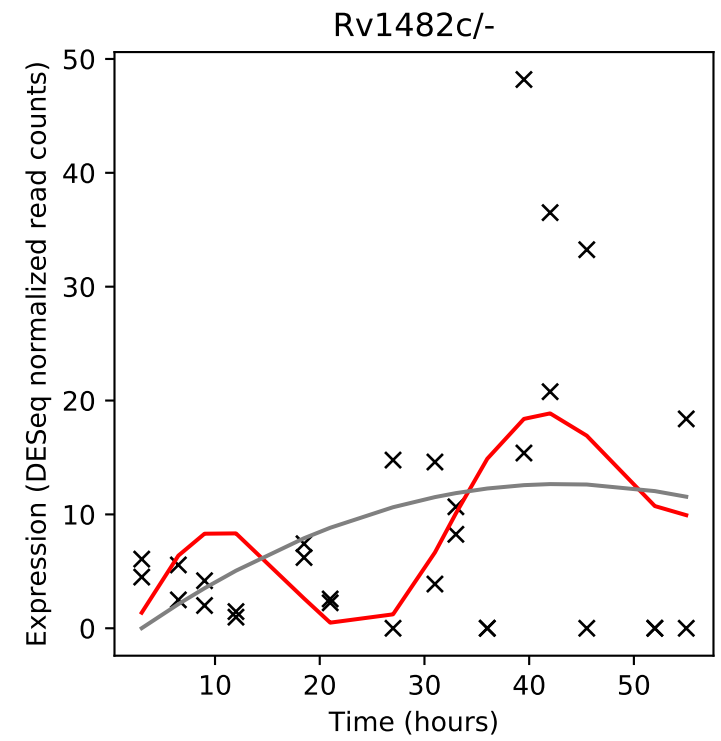

Rv1477/ripA
Expression (DESeq normalized read counts)
Time (hours)

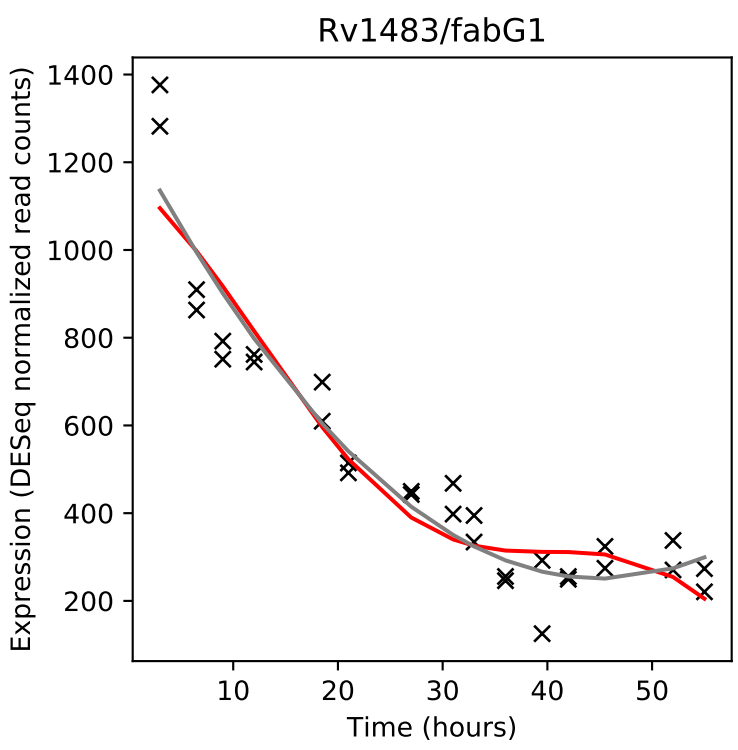

Rv1478/-
Expression (DESeq normalized read counts)
Time (hours)

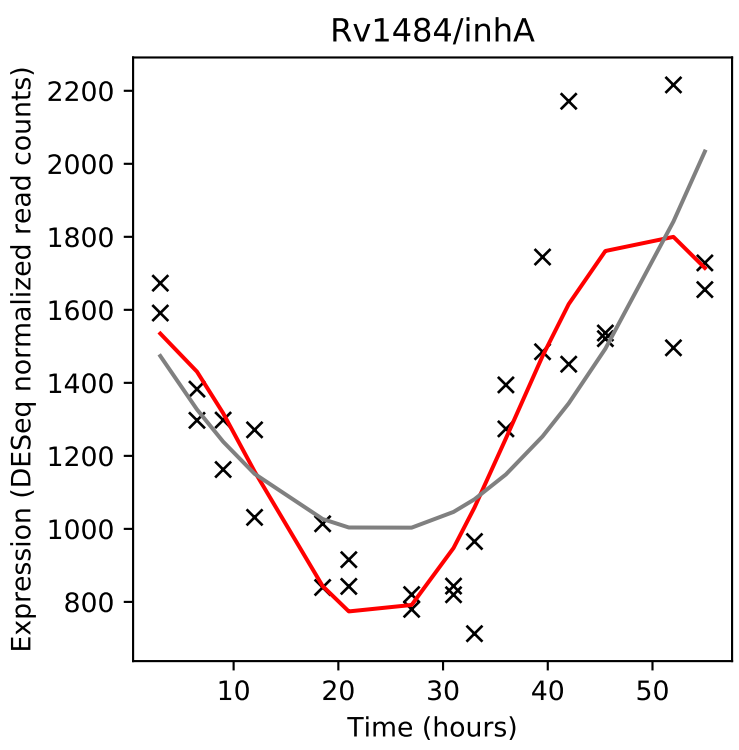

Rv1479/moxR1
Expression (DESeq normalized read counts)
Time (hours)

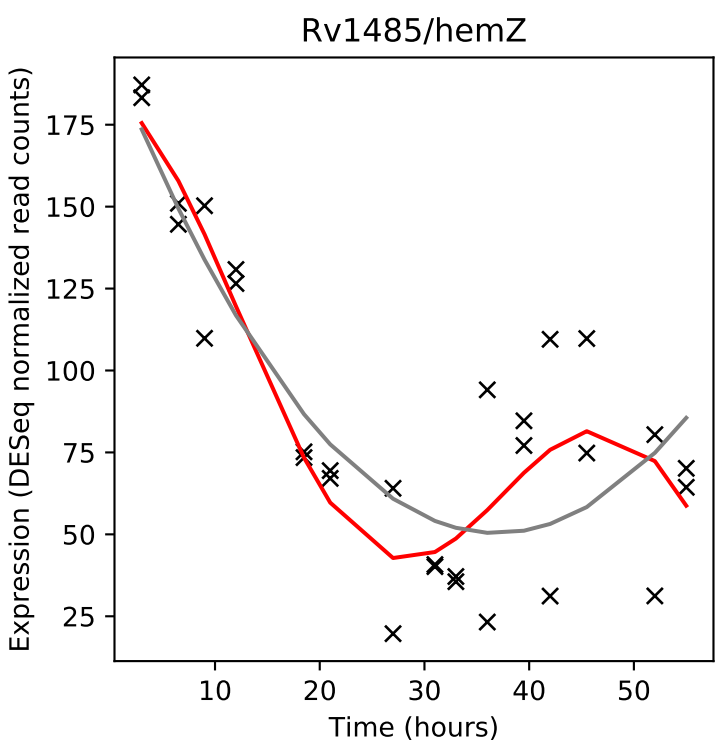

Rv1480/-
Expression (DESeq normalized read counts)
Time (hours)

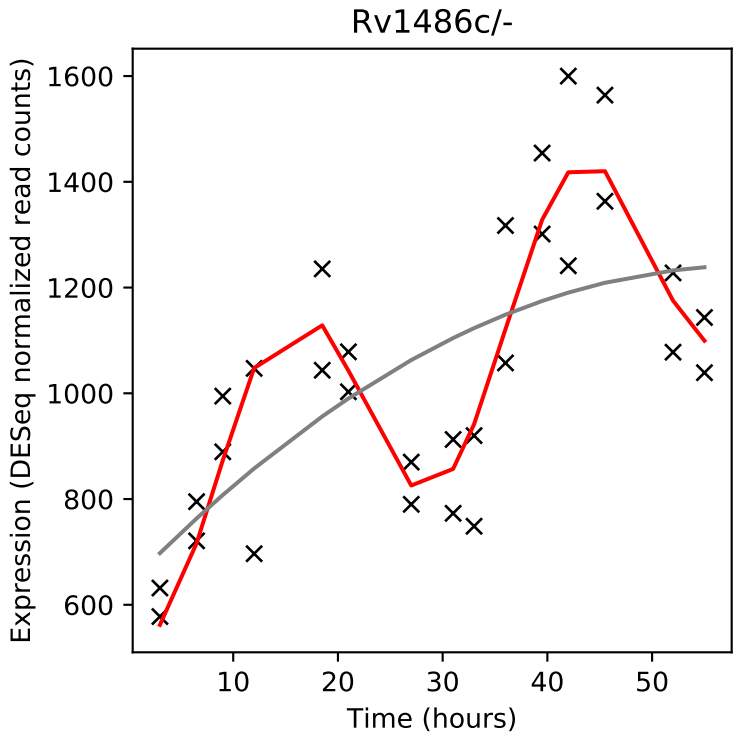

Rv1481/-
Expression (DESeq normalized read counts)
Time (hours)

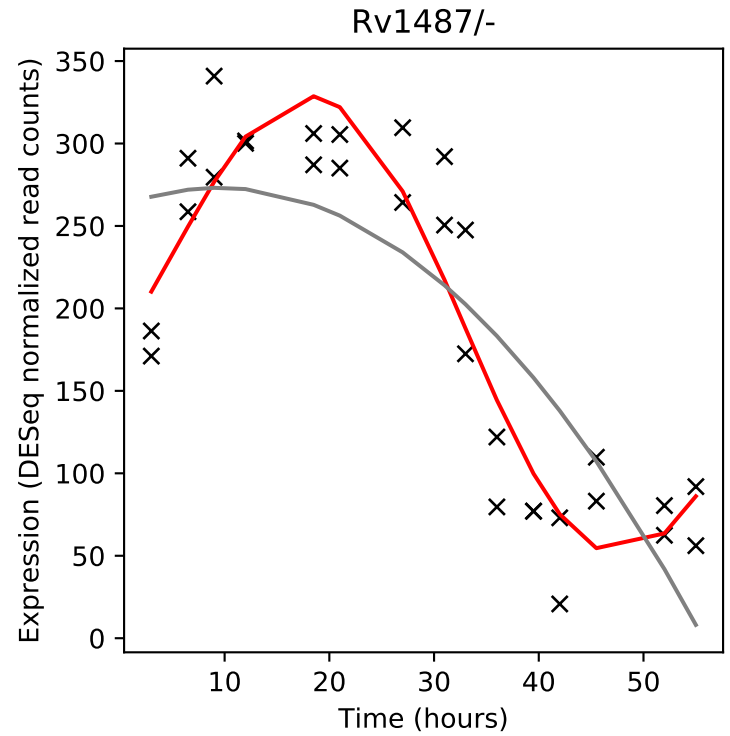

Rv1482c/-
Expression (DESeq normalized read counts)
Time (hours)

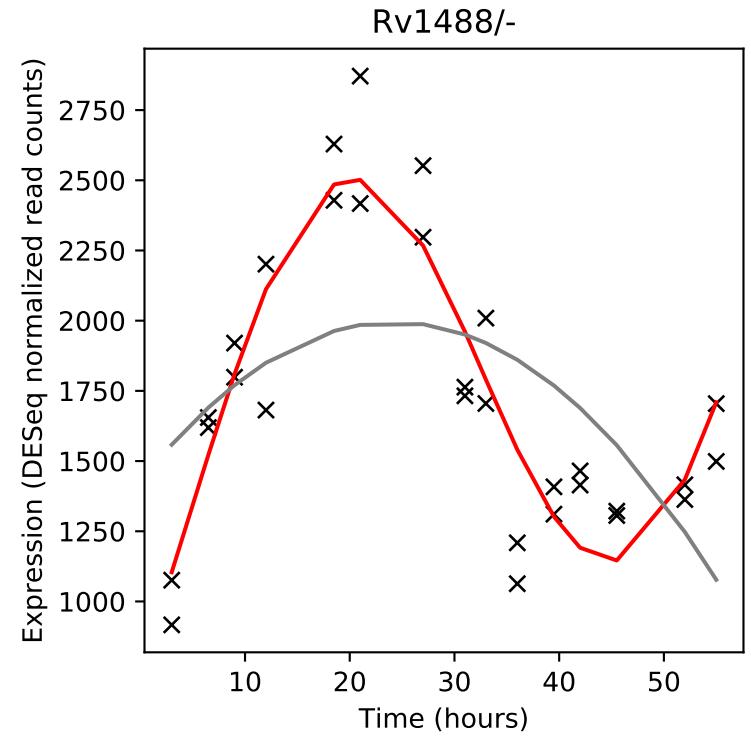

Rv1483/fabG1
Expression (DESeq normalized read counts)
Time (hours)

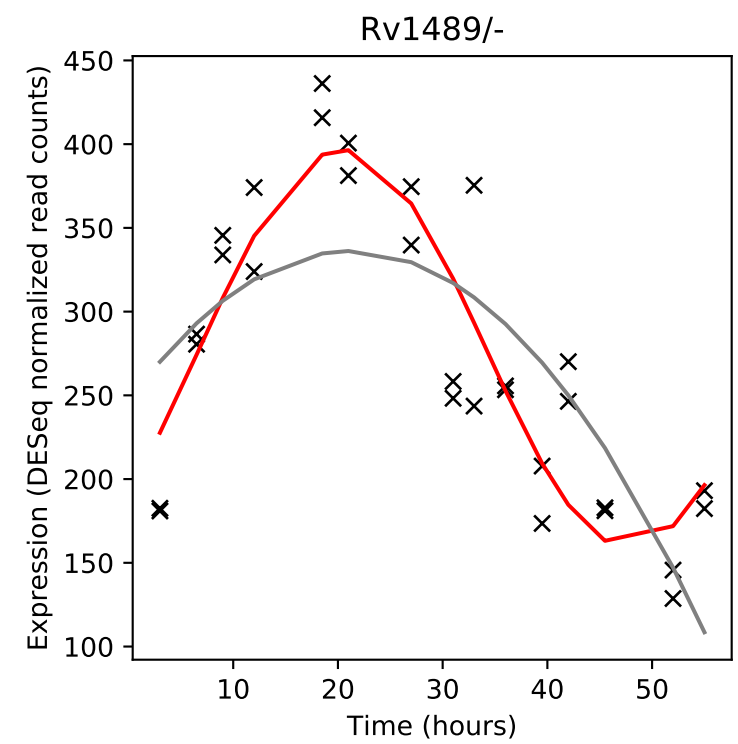

Rv1484/inhA
Expression (DESeq normalized read counts)
Time (hours)

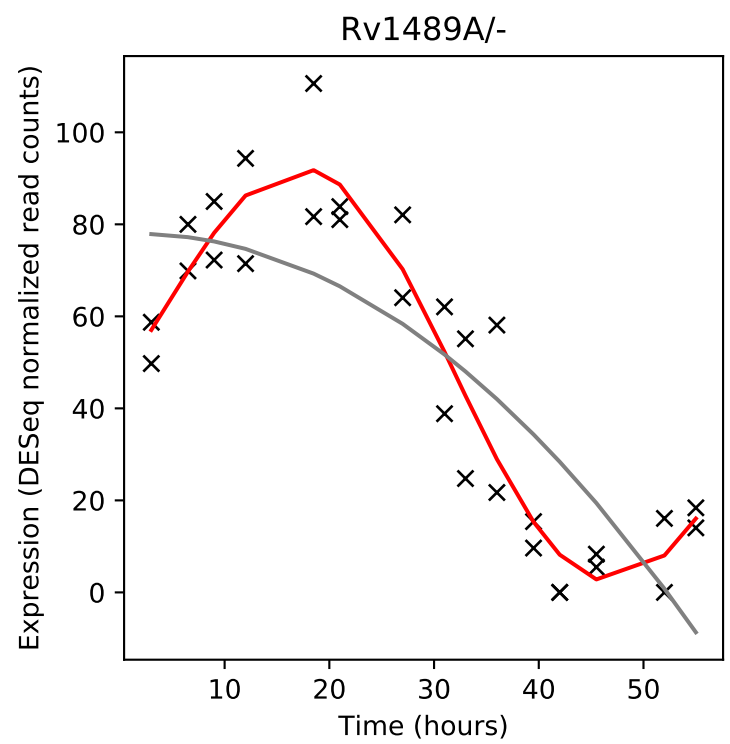

Rv1485/hemZ
Expression (DESeq normalized read counts)
Time (hours)

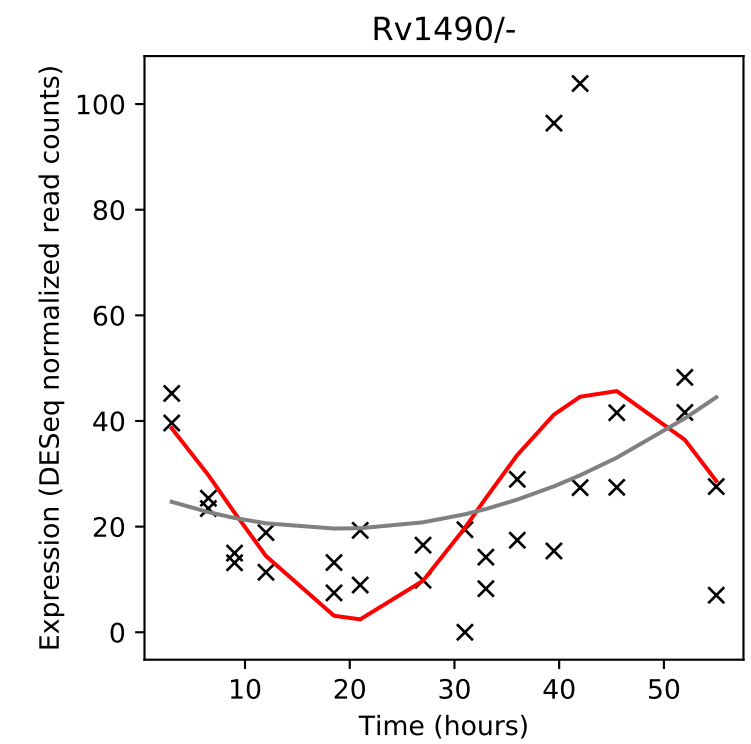

Rv1486c/-
Expression (DESeq normalized read counts)
Time (hours)

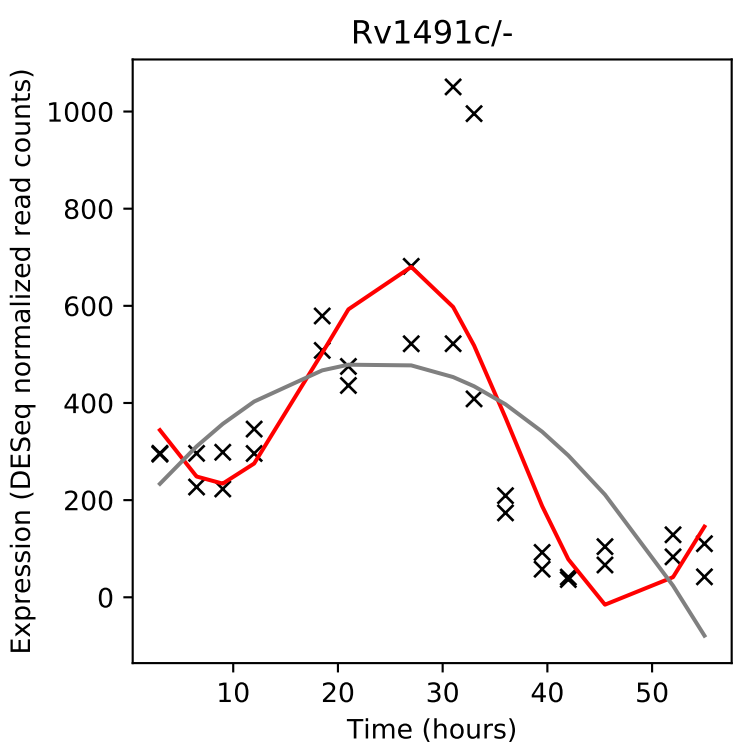

Rv1487/-
Expression (DESeq normalized read counts)
Time (hours)

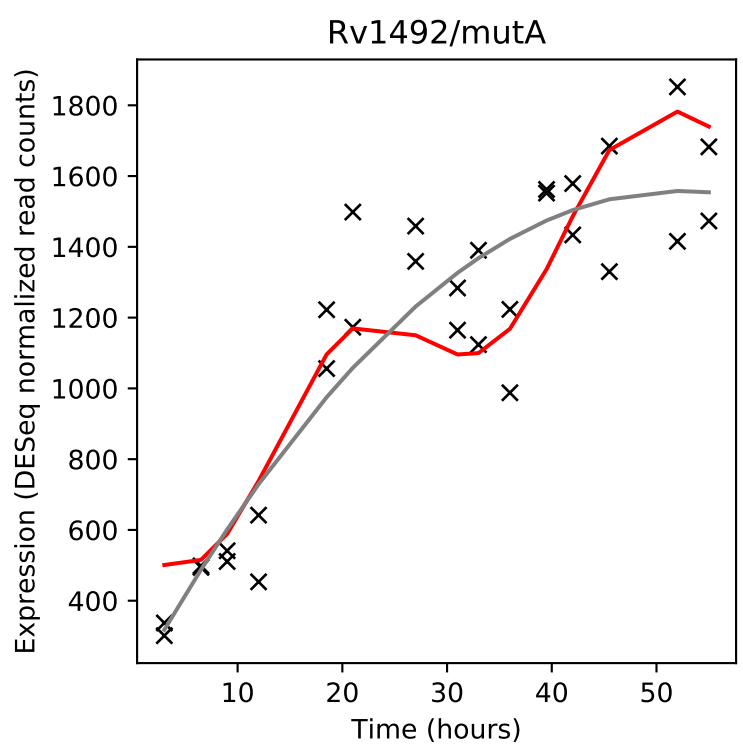

Rv1488/-
Expression (DESeq normalized read counts)
Time (hours)

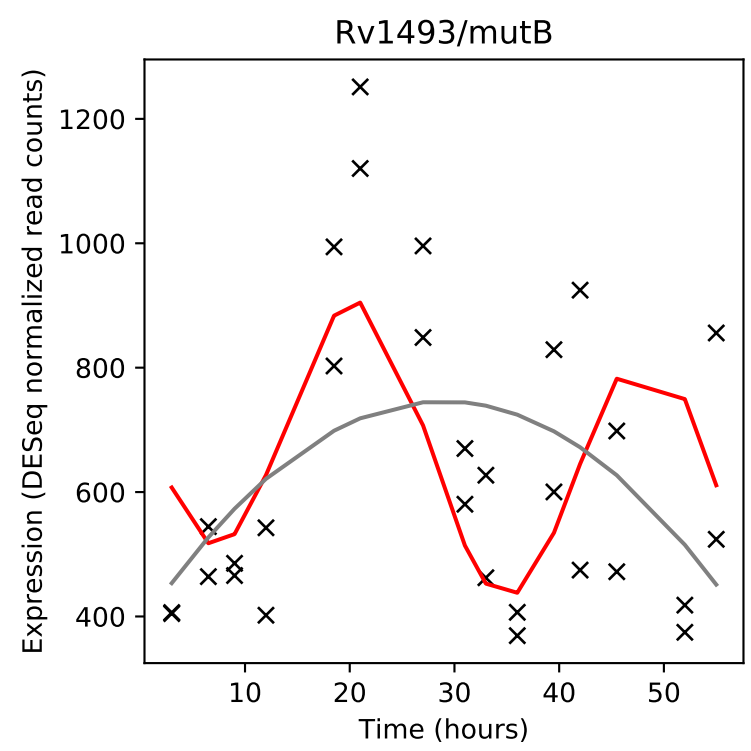

Rv1489/-
Expression (DESeq normalized read counts)
Time (hours)

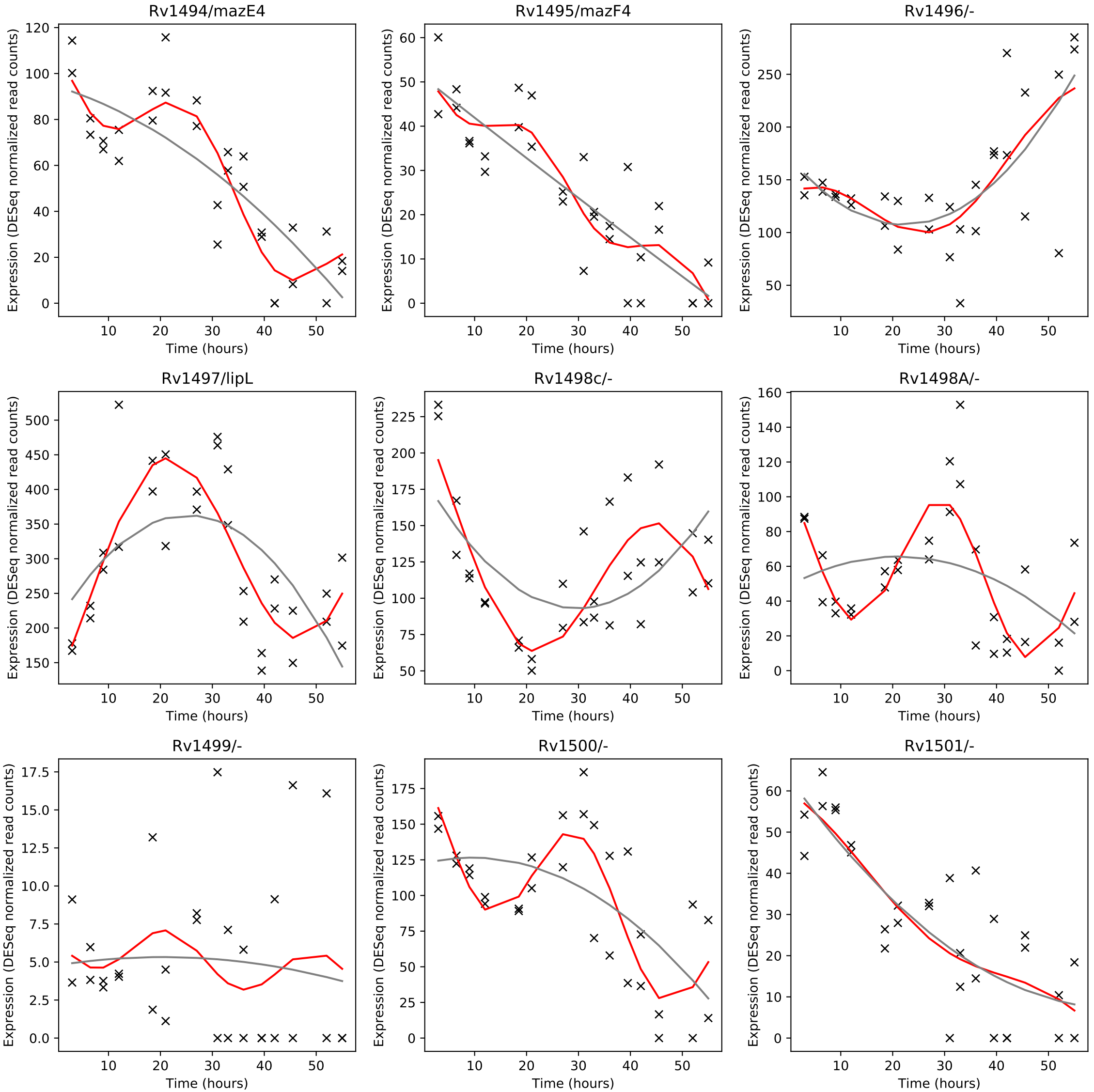

Rv1489A/-
Expression (DESeq normalized read counts)
Time (hours)

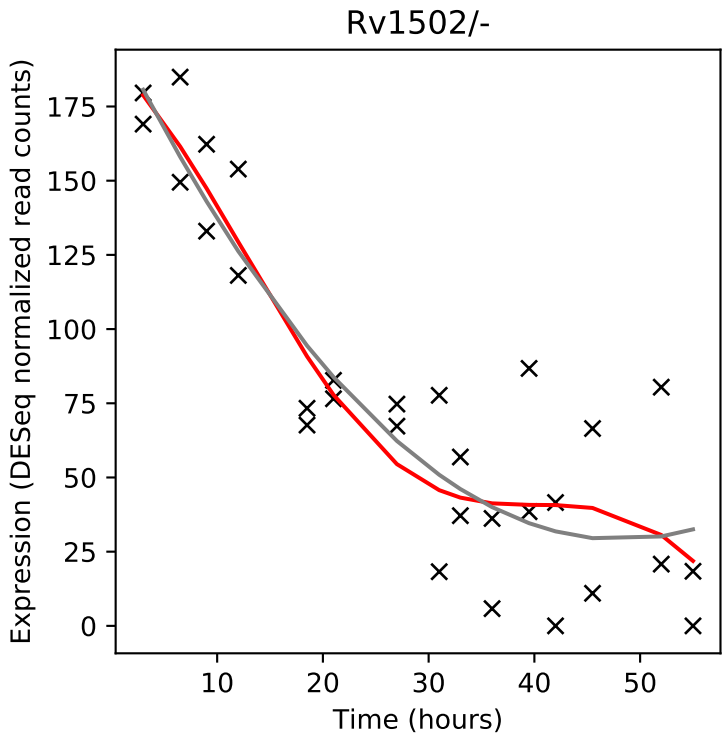

Rv1490/-
Expression (DESeq normalized read counts)
Time (hours)

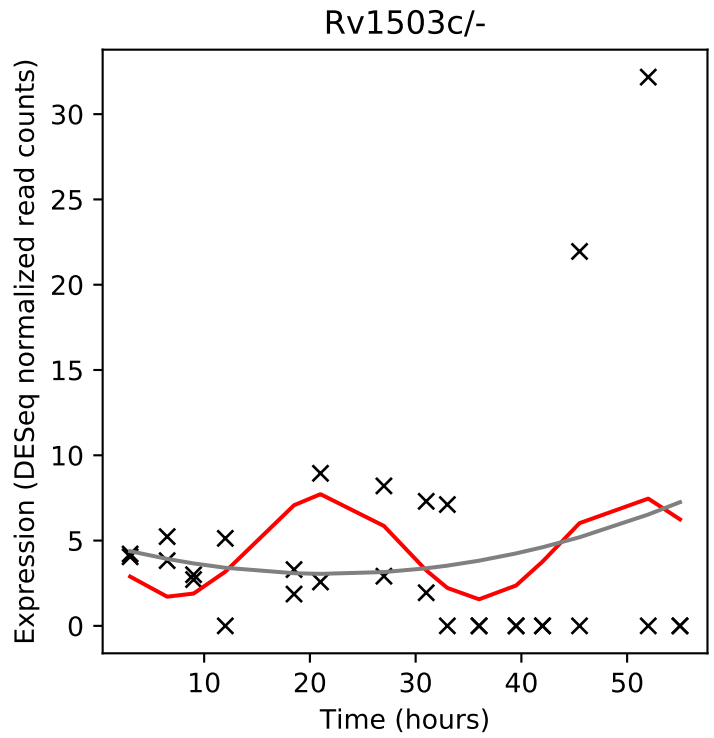

Rv1491c/-
Expression (DESeq normalized read counts)
Time (hours)

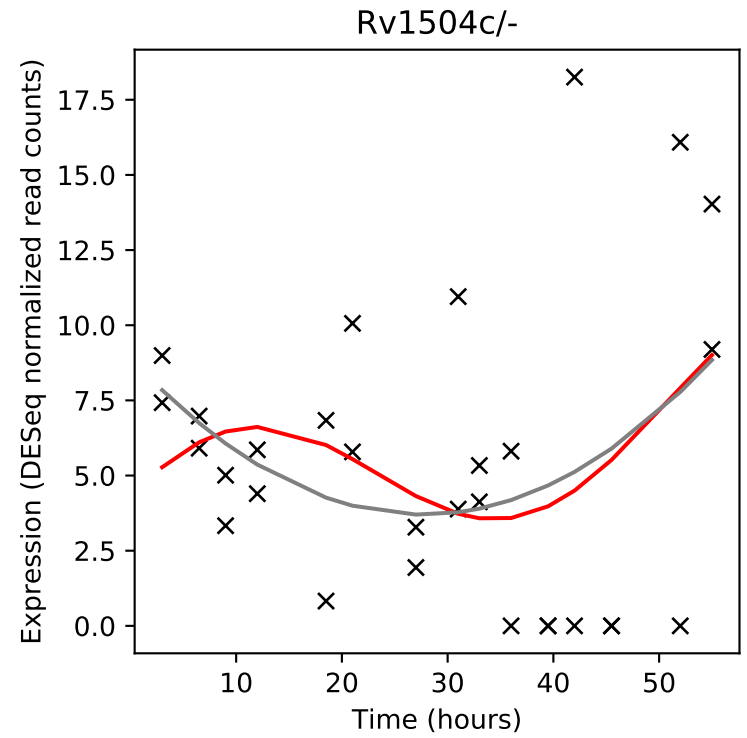

Rv1492/mutA
Expression (DESeq normalized read counts)
Time (hours)

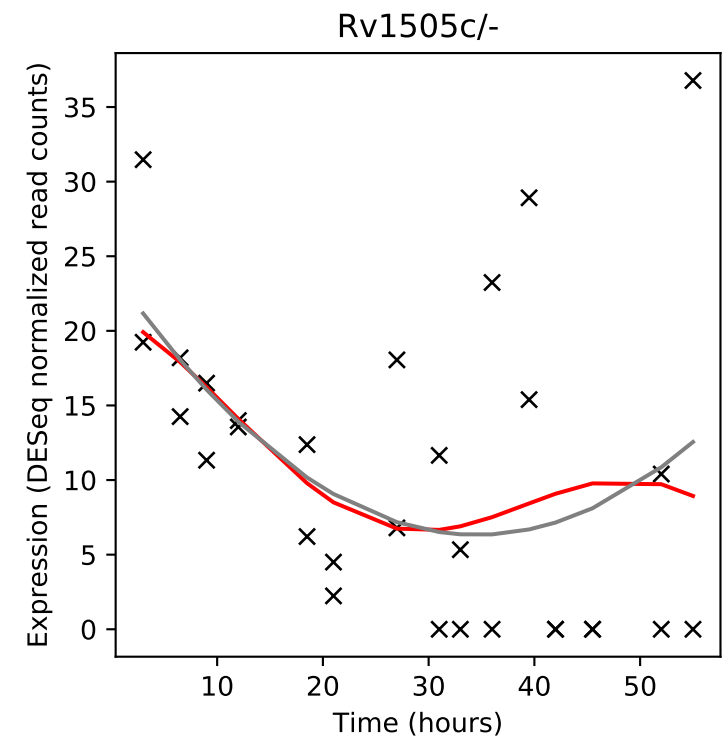

Rv1493/mutB
Expression (DESeq normalized read counts)
Time (hours)

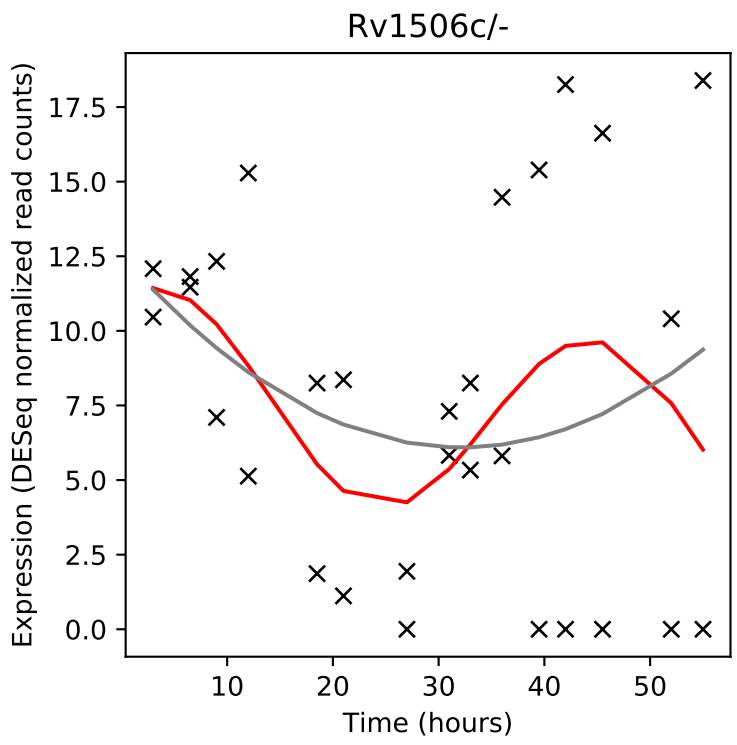

Rv1494/mazE4
Rv1495/mazF4
Rv1496/-
Rv1497/lipL
Rv1498c/-
Rv1498A/-
Rv1499/-
Rv1500/-
Rv1501/-
Expression (DESeq normalized read counts)
Time (hours)

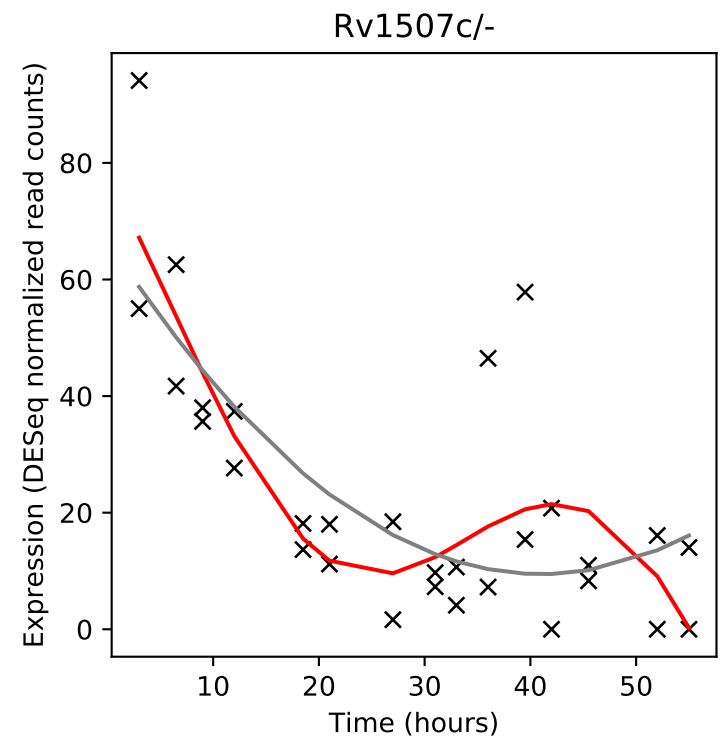

Rv1502/-
Expression (DESeq normalized read counts)
Time (hours)

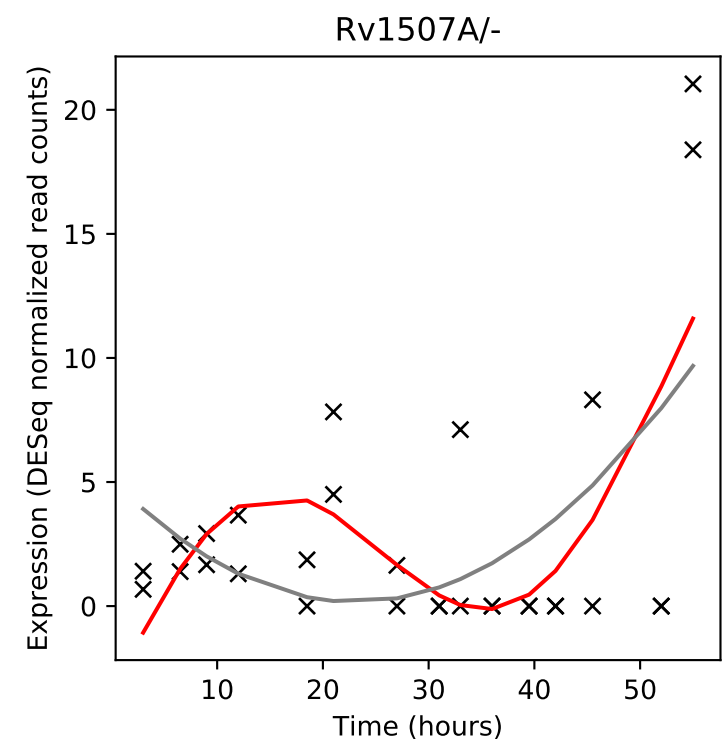

Rv1503c/-
Expression (DESeq normalized read counts)
Time (hours)

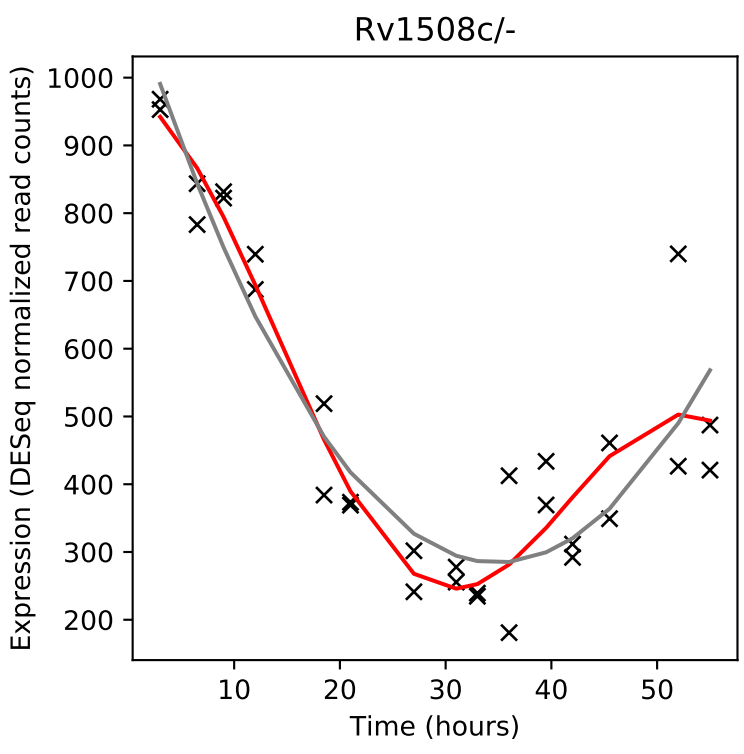

Rv1504c/-
Expression (DESeq normalized read counts)
Time (hours)

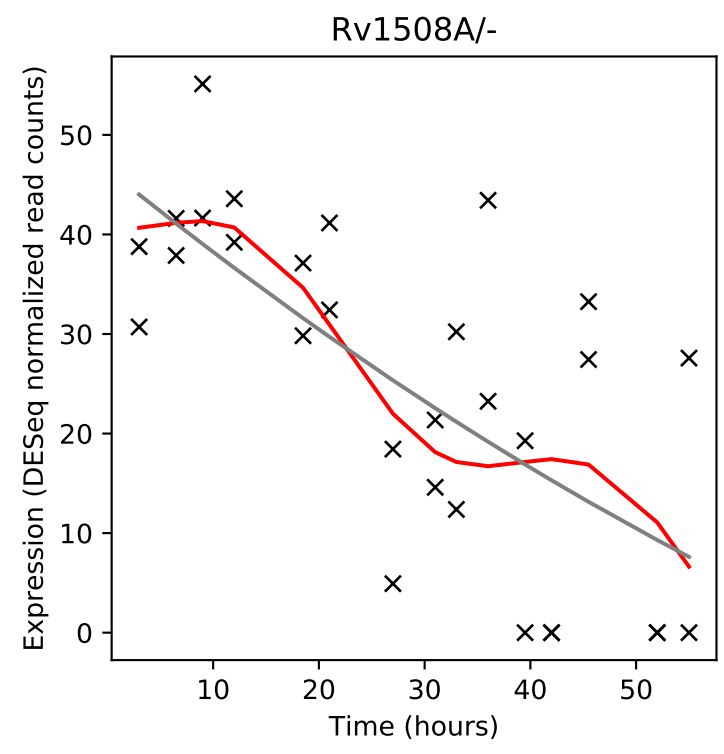

Rv1505c/-
Expression (DESeq normalized read counts)
Time (hours)

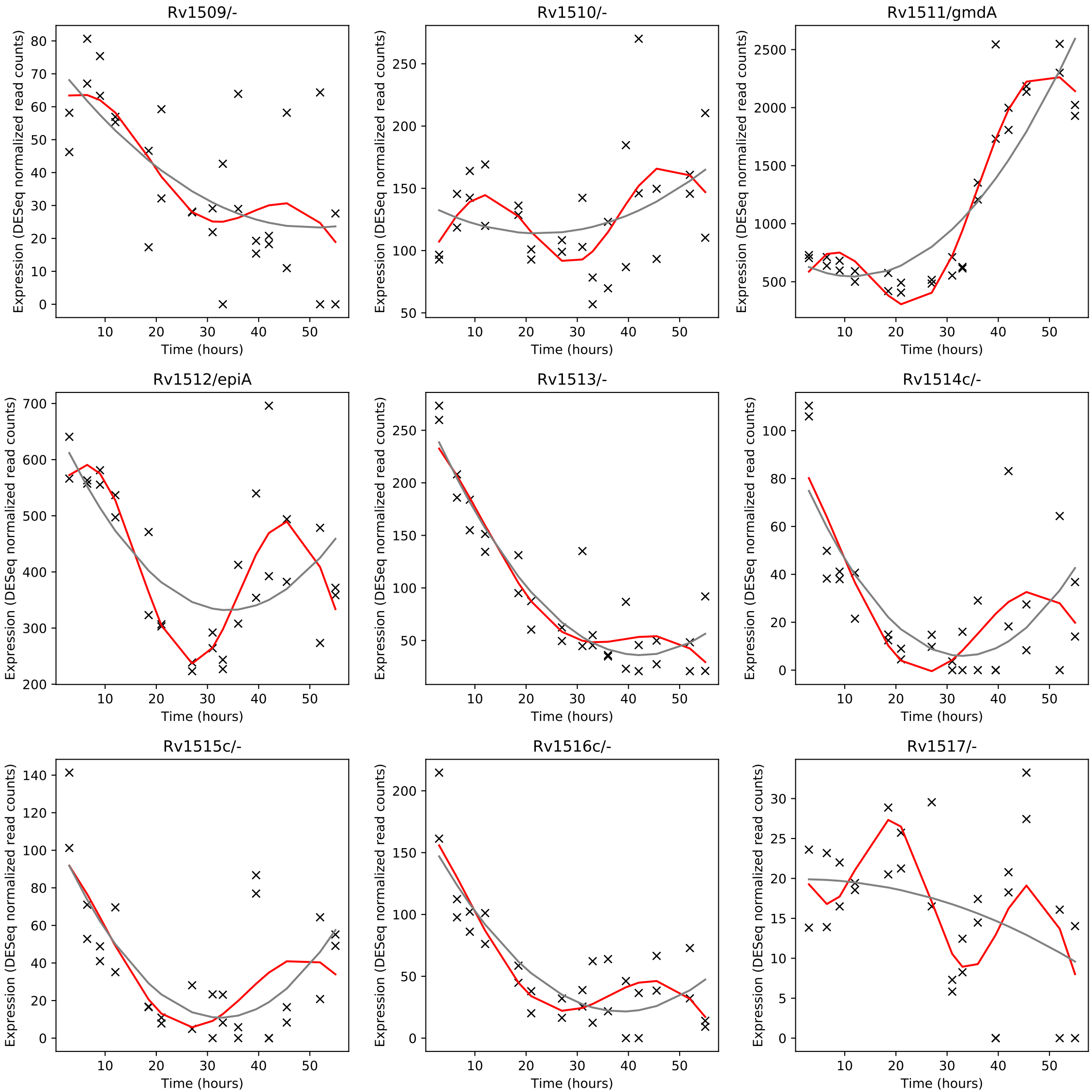

Rv1506c/-
Expression (DESeq normalized read counts)
Time (hours)

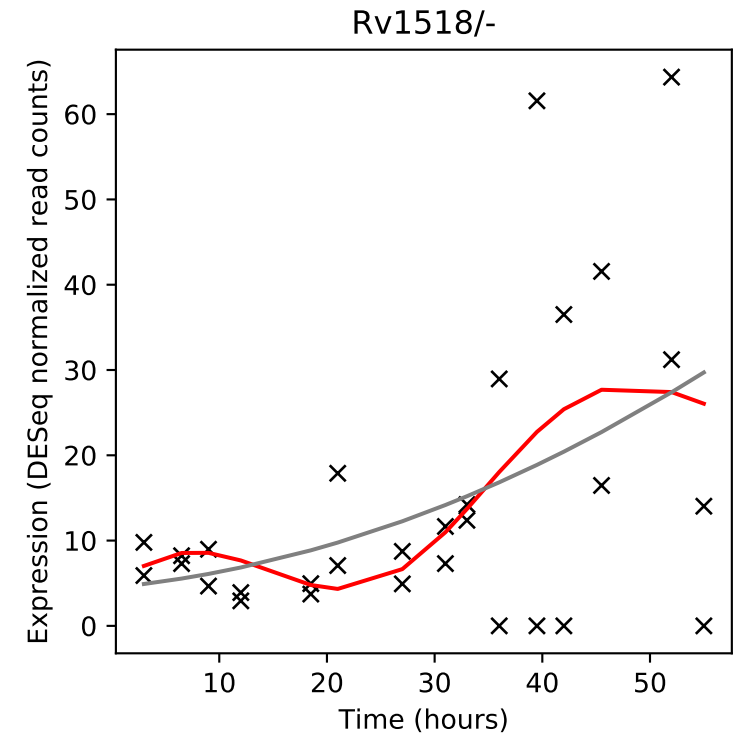

Rv1507c/-
Expression (DESeq normalized read counts)
Time (hours)

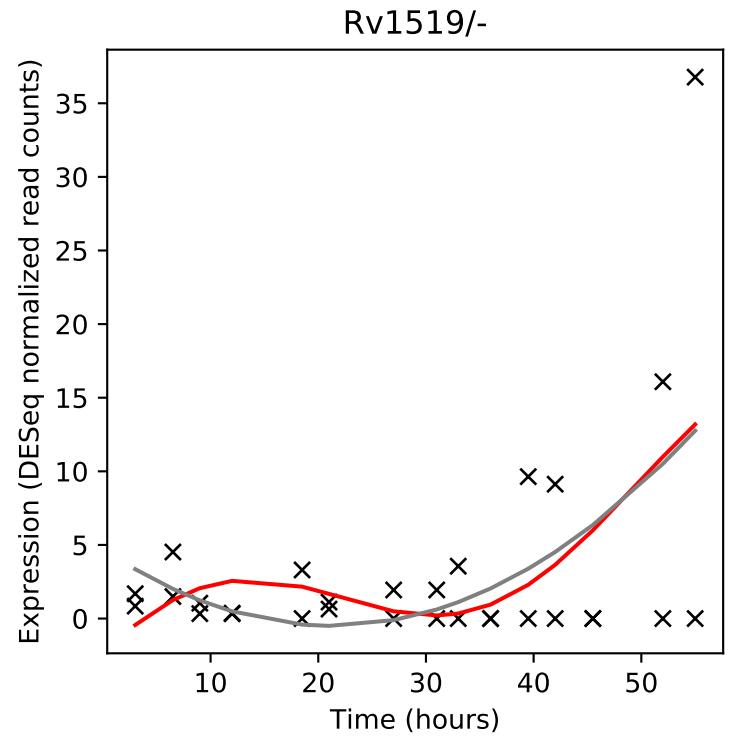

Rv1507A/-
Expression (DESeq normalized read counts)
Time (hours)

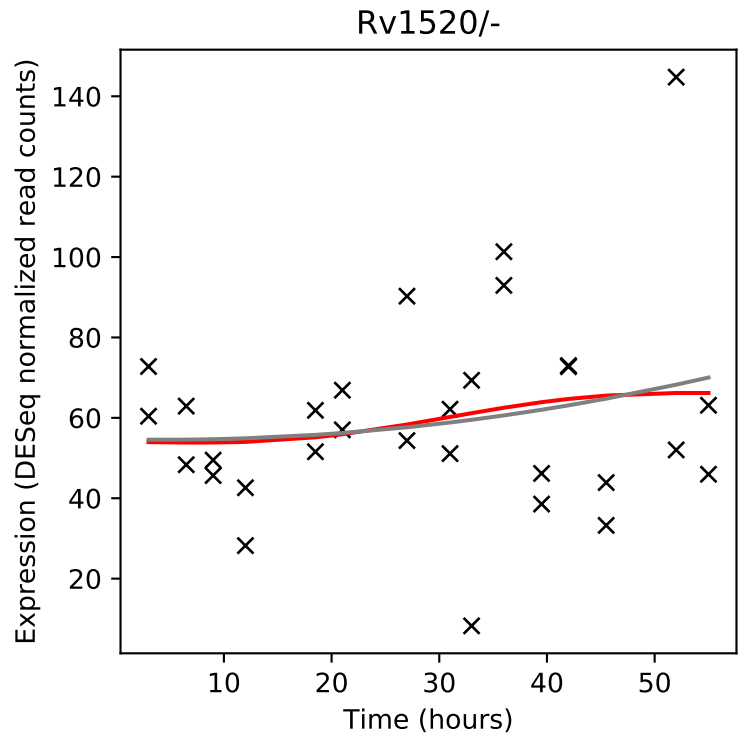

Rv1508c/-
Expression (DESeq normalized read counts)
Time (hours)

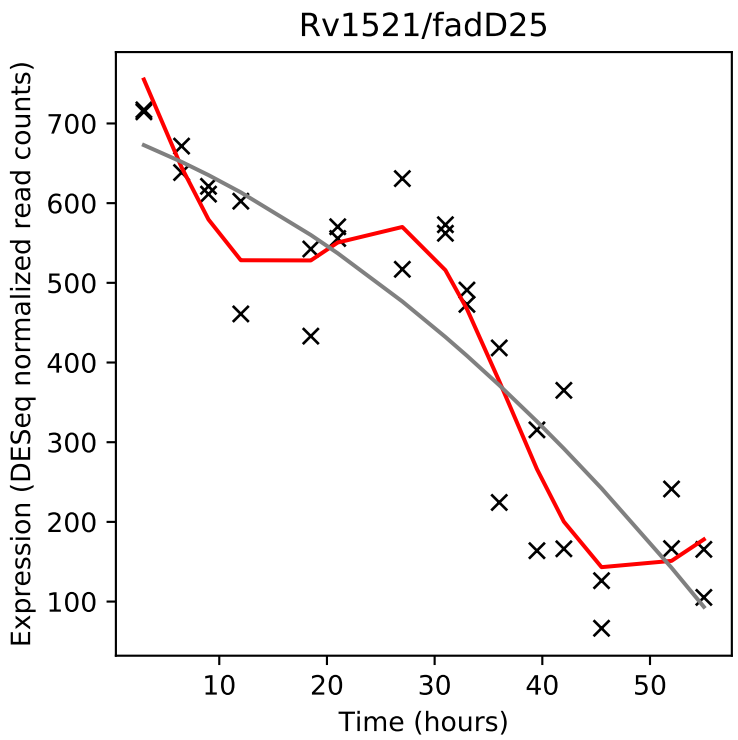

Rv1508A/-
Expression (DESeq normalized read counts)
Time (hours)

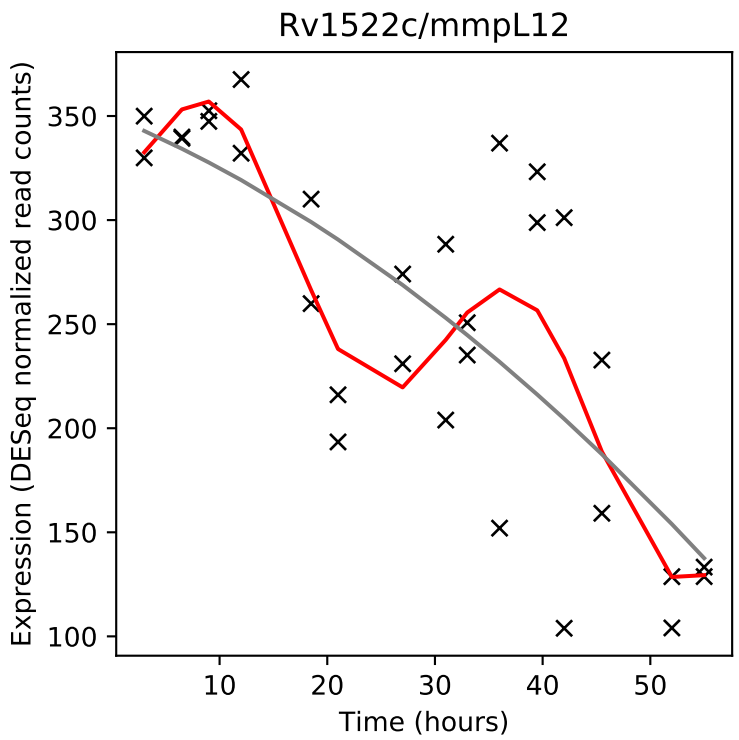

Rv1509/-
Rv1510/-
Rv1511/gmdA
Rv1512/epiA
Rv1513/-
Rv1514c/-
Rv1515c/-
Rv1516c/-
Rv1517/-
Expression (DESeq normalized read counts)
Time (hours)

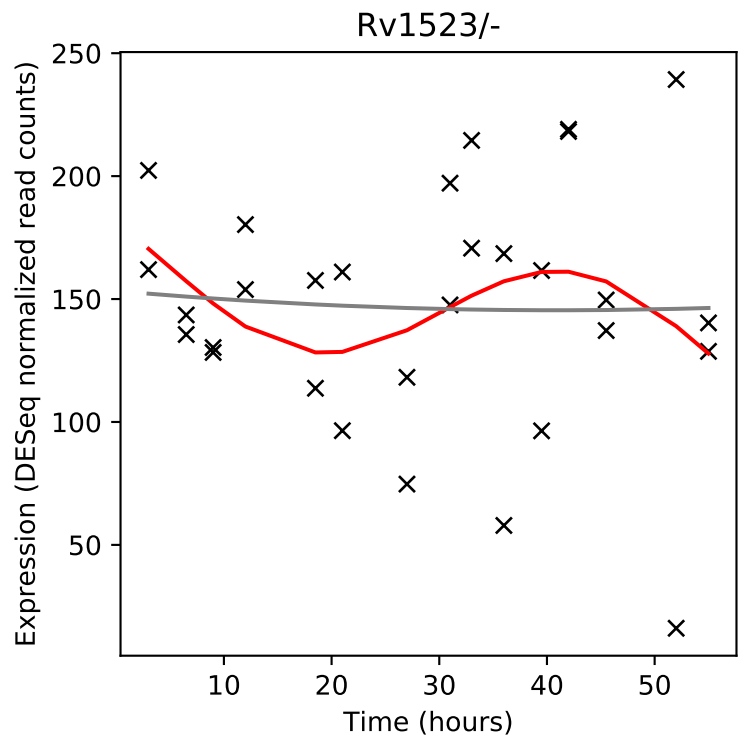

Rv1518/-
Expression (DESeq normalized read counts)
Time (hours)

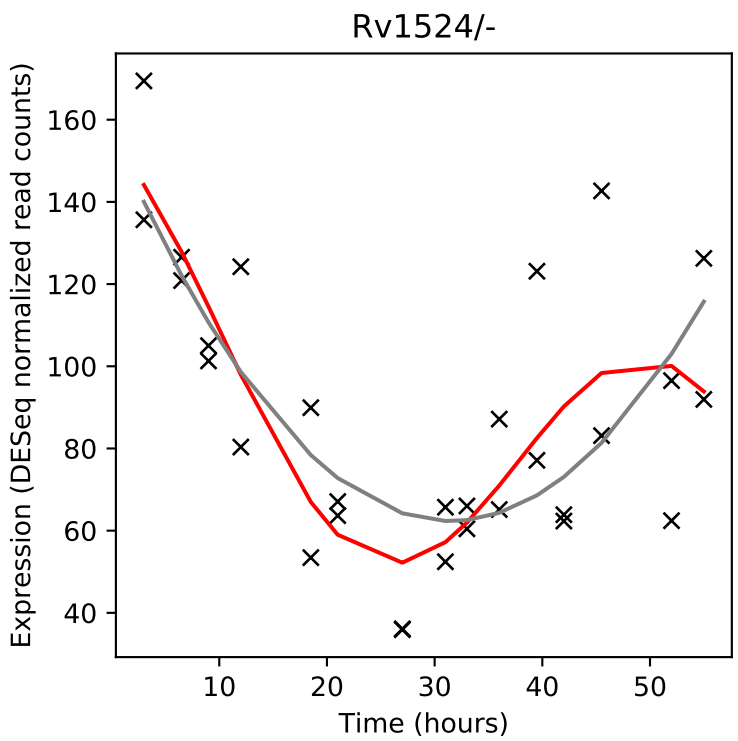

Rv1519/-
Expression (DESeq normalized read counts)
Time (hours)

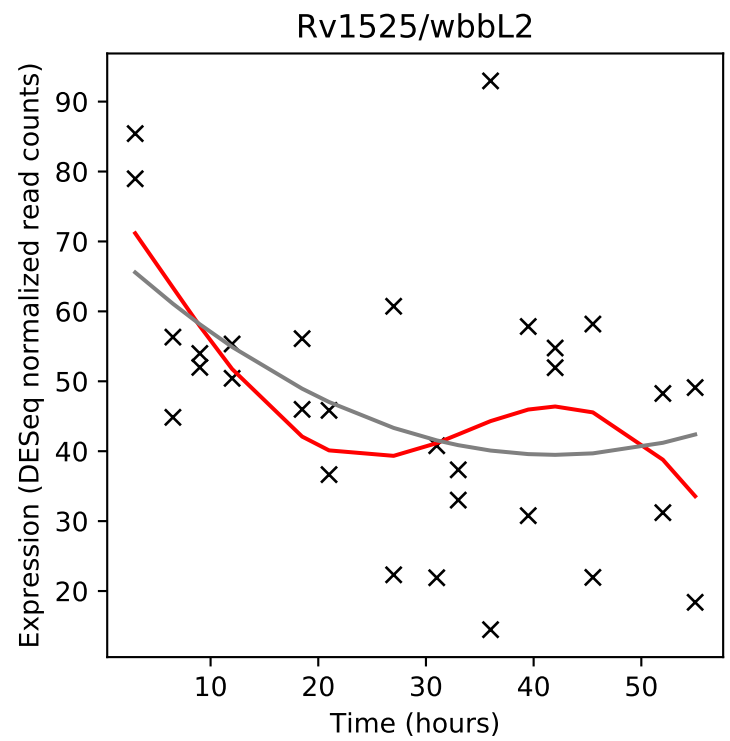

Rv1520/-
Expression (DESeq normalized read counts)
Time (hours)

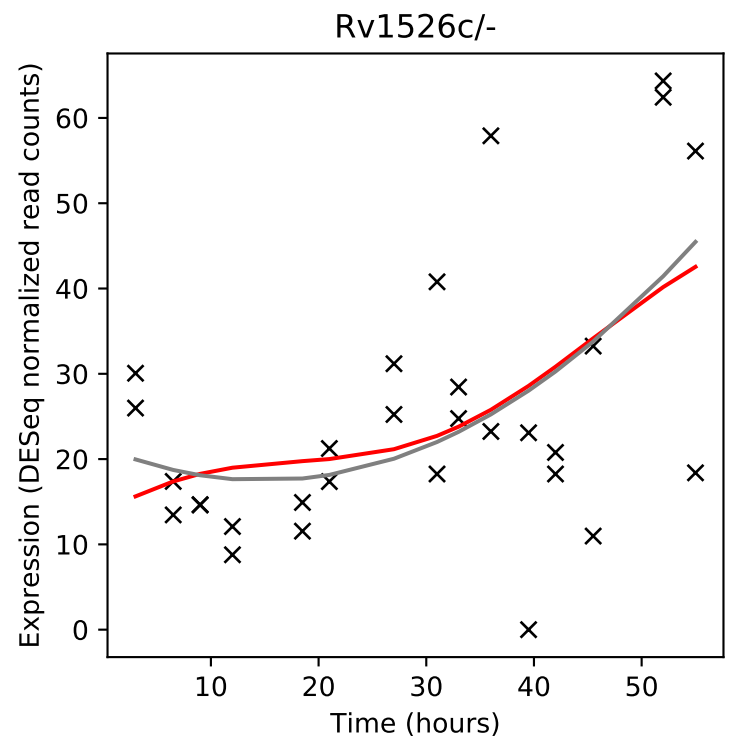

Rv1521/fadD25
Expression (DESeq normalized read counts)
Time (hours)

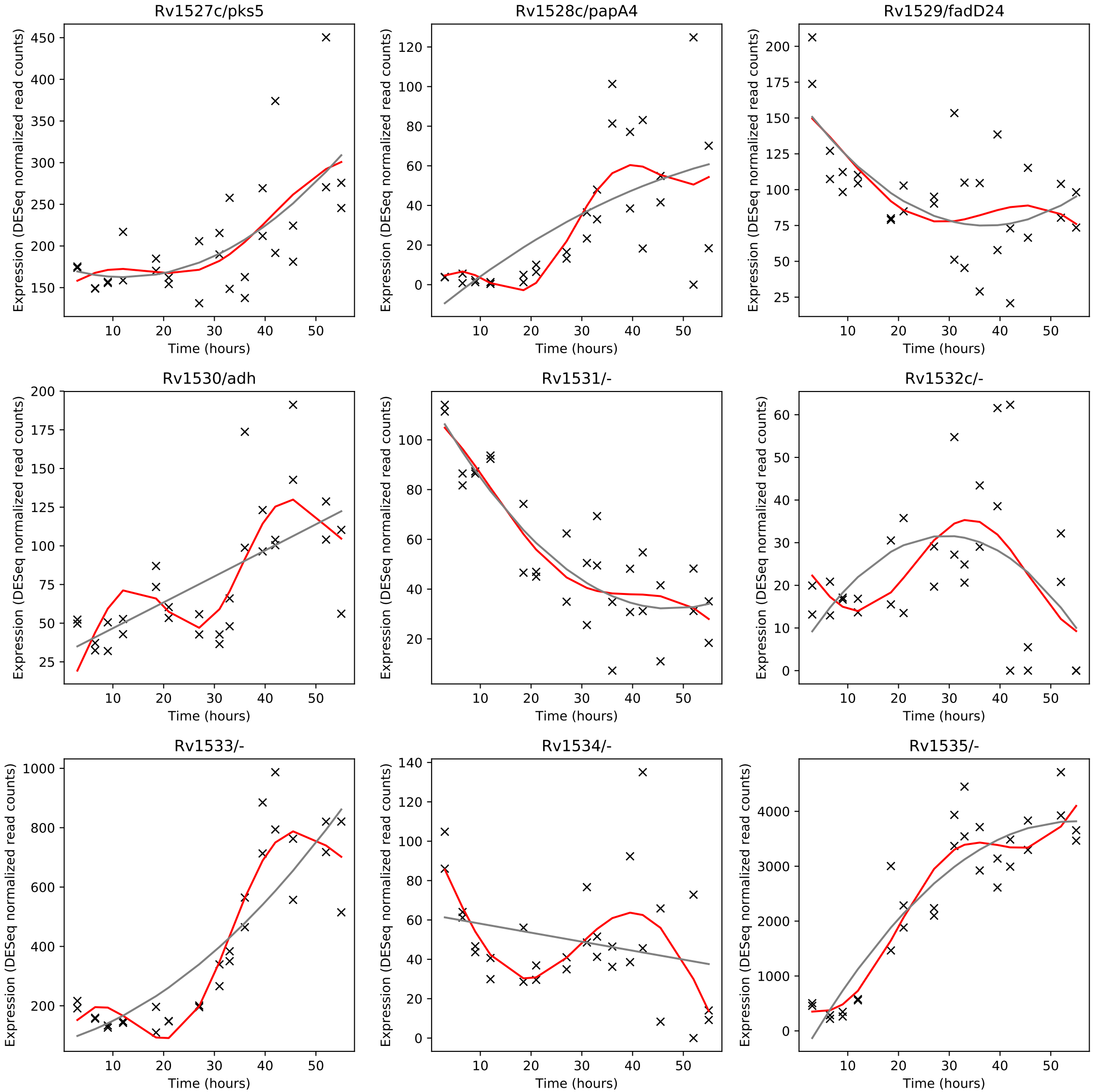

Rv1522c/mmpL12
Expression (DESeq normalized read counts)
Time (hours)

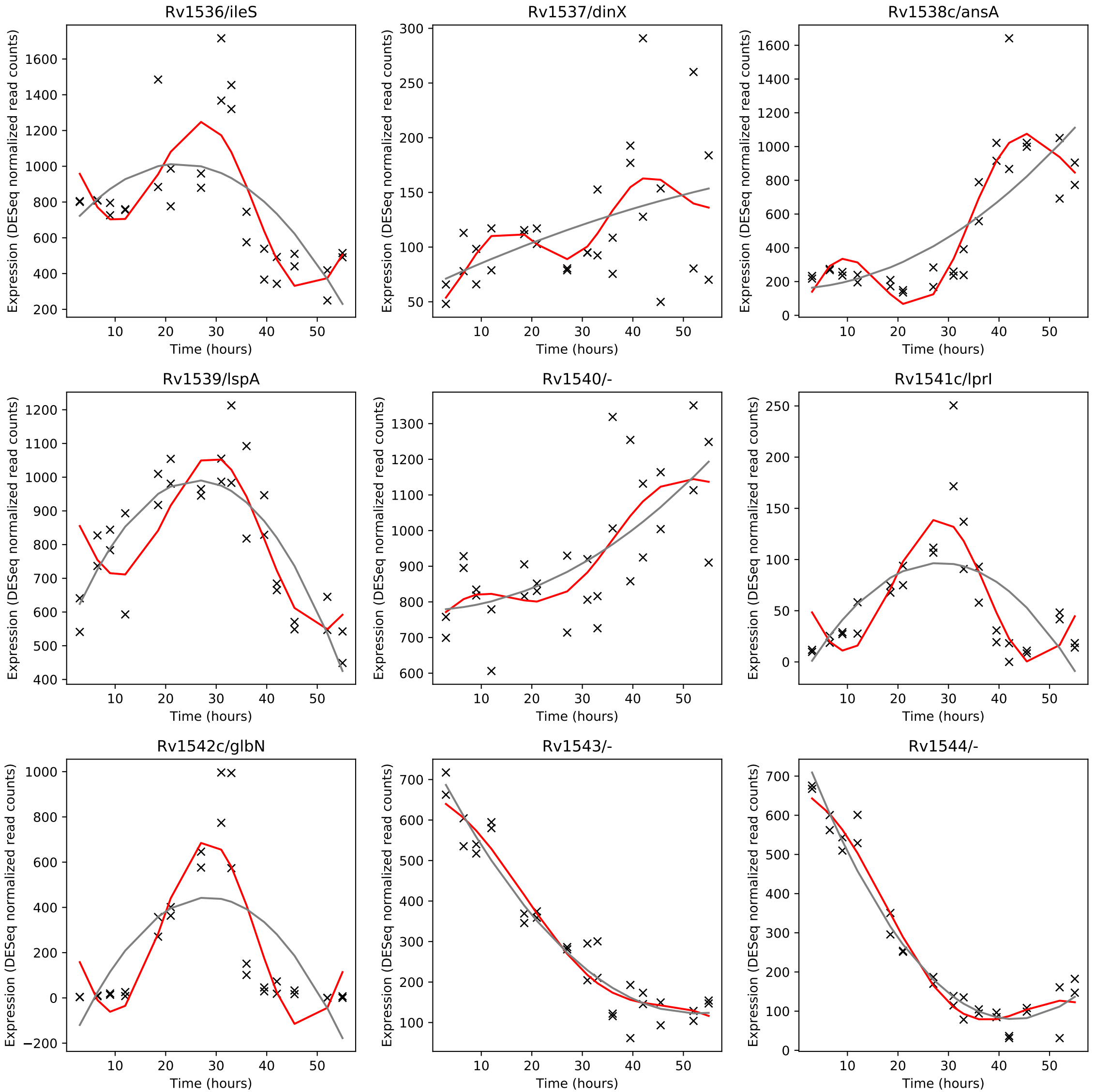

Rv1523/-
Expression (DESeq normalized read counts)
Time (hours)

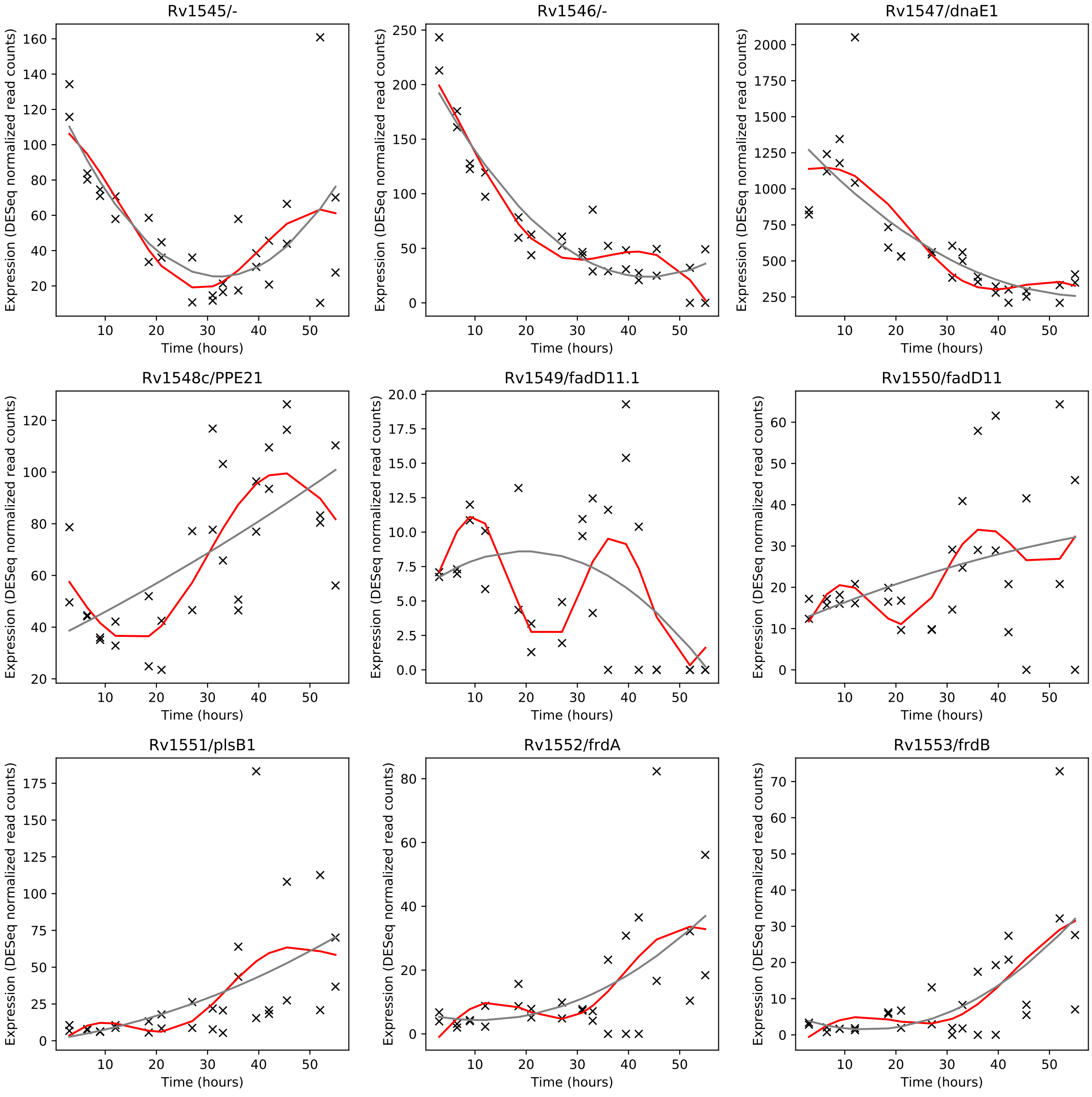

Rv1524/-
Expression (DESeq normalized read counts)
Time (hours)

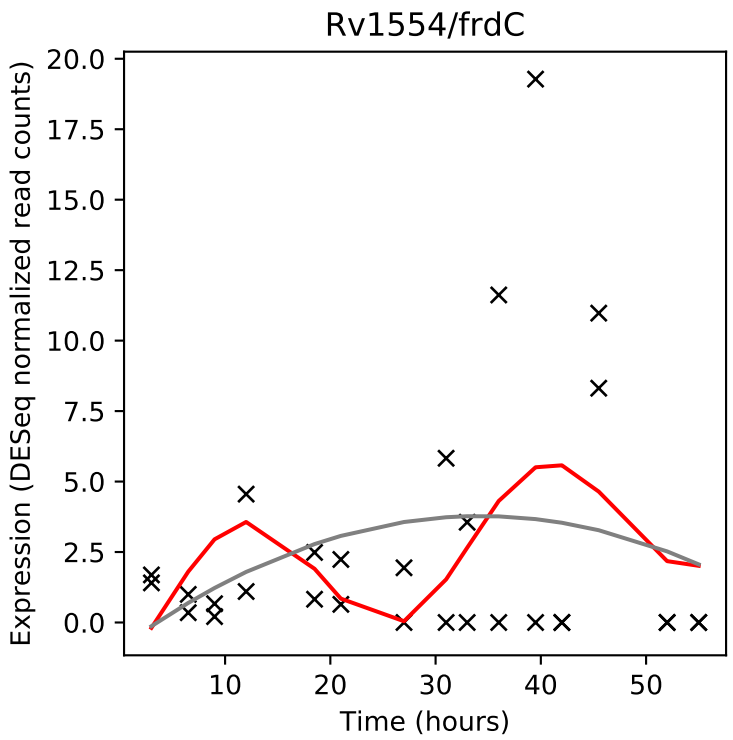

Rv1525/wbbL2
Expression (DESeq normalized read counts)
Time (hours)

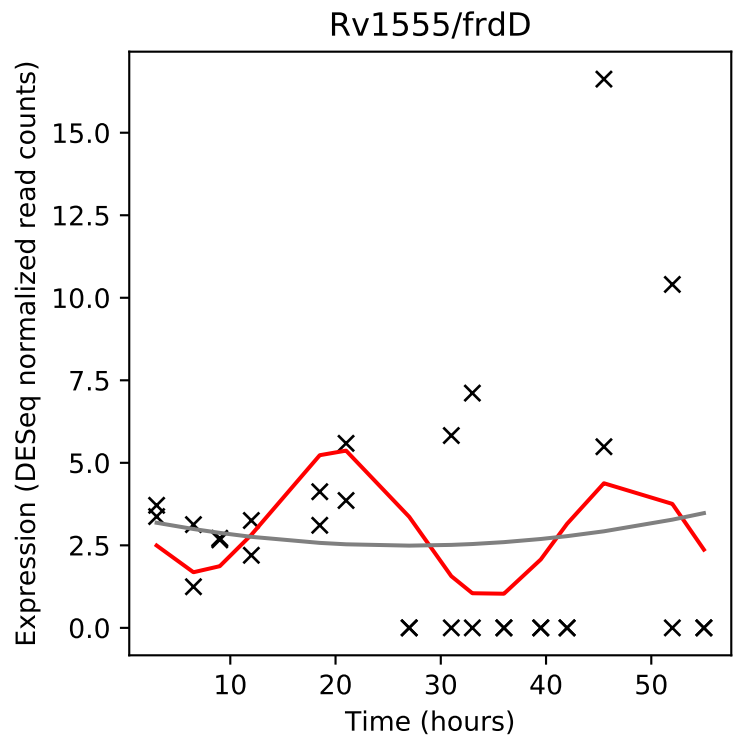

Rv1526c/-
Expression (DESeq normalized read counts)
Time (hours)

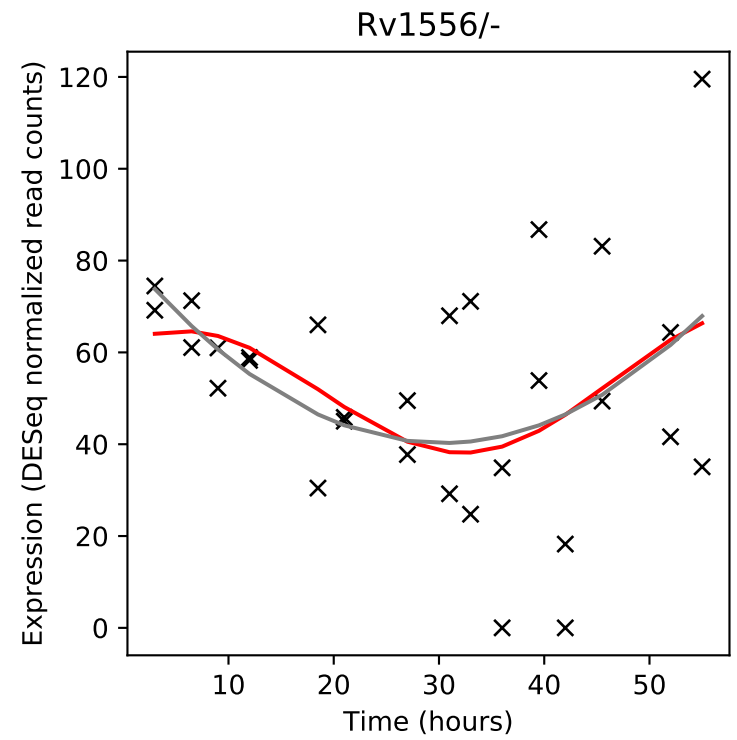

Rv1527c/pks5
Rv1528c/papA4
Rv1529/fadD24
Rv1530/adh
Rv1531/-
Rv1532c/-
Rv1533/-
Rv1534/-
Rv1535/-
Expression (DESeq normalized read counts)
Time (hours)

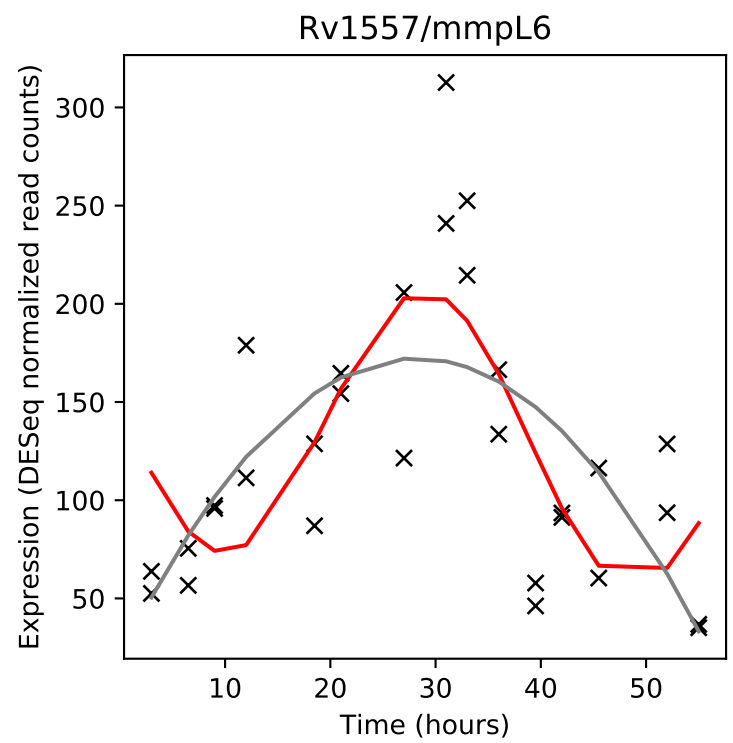

Rv1536/ileS
Rv1537/dinX
Rv1538c/ansA
Rv1539/lspA
Rv1540/-
Rv1541c/lprI
Rv1542c/glbN
Rv1543/-
Rv1544/-
Expression (DESeq normalized read counts)
Time (hours)

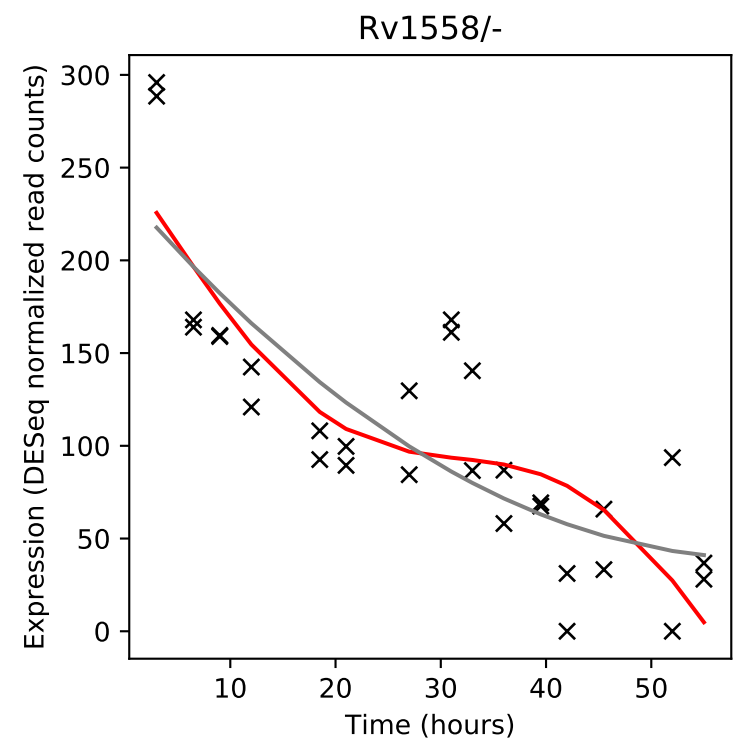

Rv1545/-
Rv1546/-
Rv1547/dnaE1
Rv1548c/PPE21
Rv1549/fadD11.1
Rv1550/fadD11
Rv1551/plsB1
Rv1552/frdA
Rv1553/frdB
Expression (DESeq normalized read counts)
Time (hours)

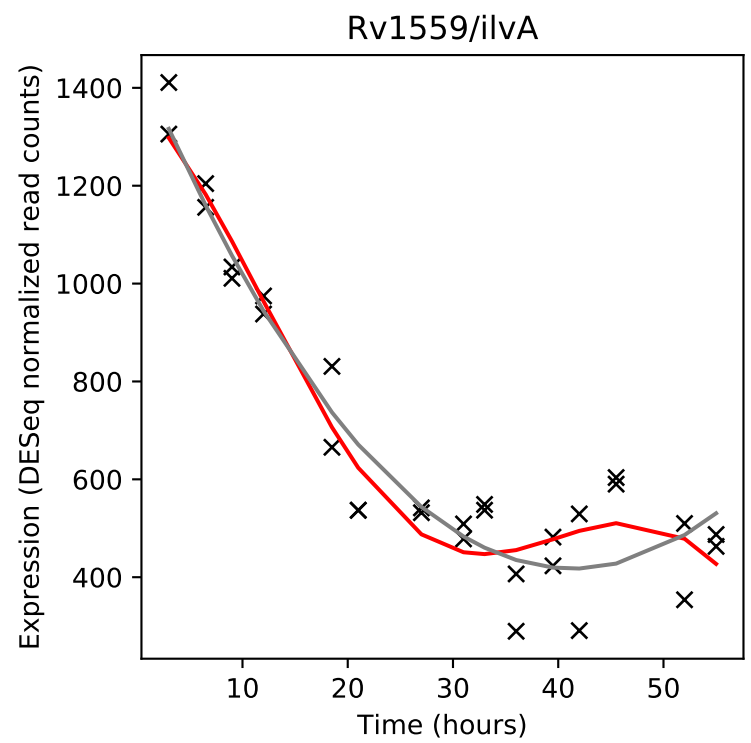

Rv1554/frdC
Expression (DESeq normalized read counts)
Time (hours)

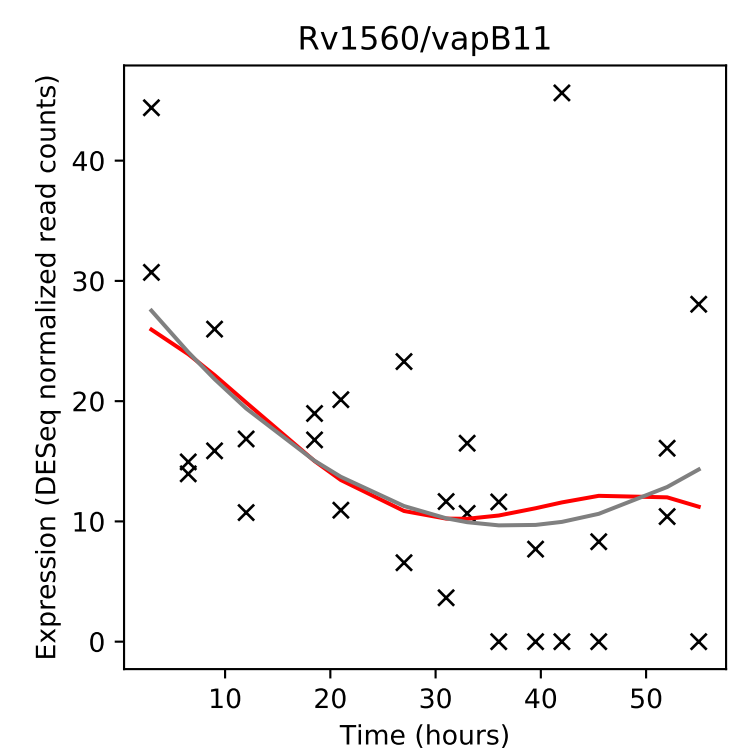

Rv1555/frdD
Expression (DESeq normalized read counts)
Time (hours)

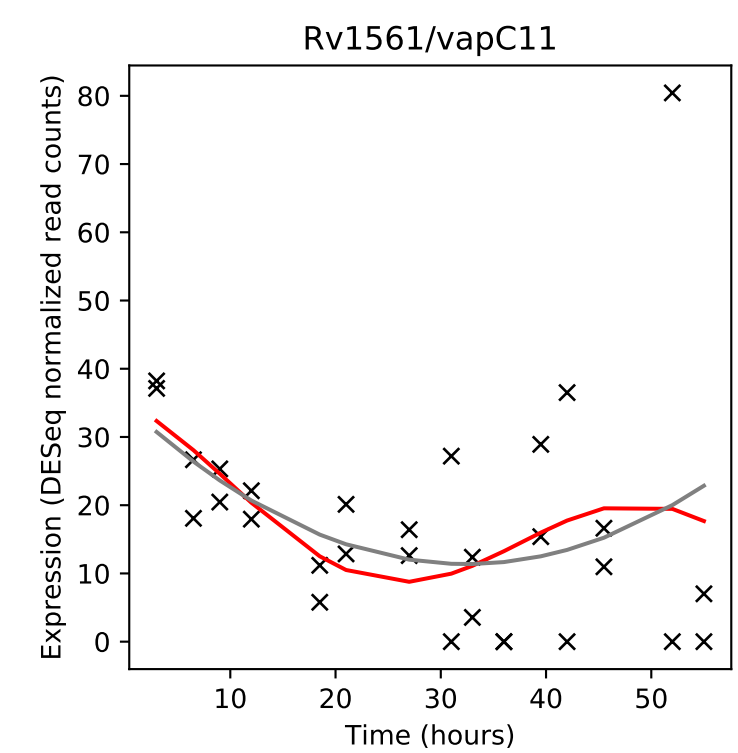

Rv1556/-
Expression (DESeq normalized read counts)
Time (hours)

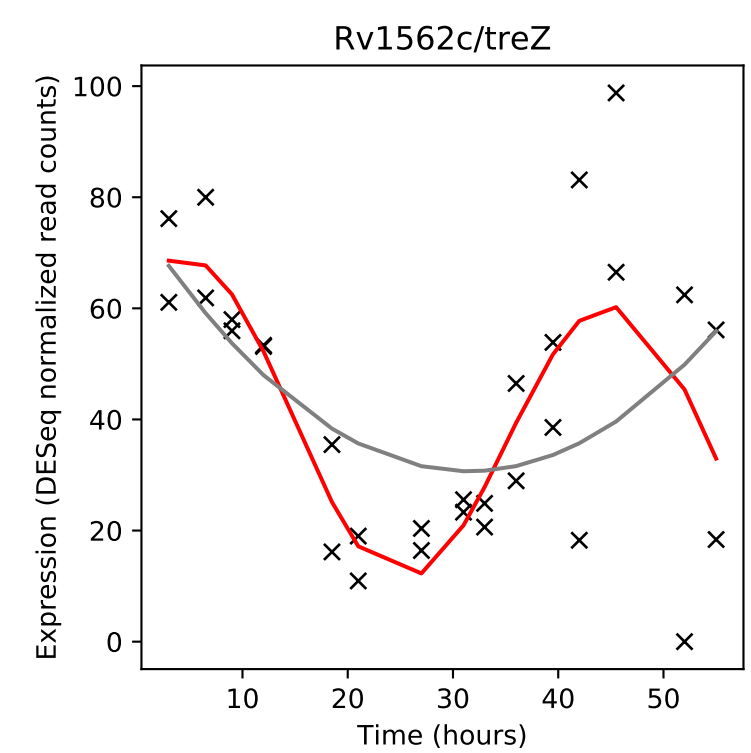

Rv1557/mmpL6
Expression (DESeq normalized read counts)
Time (hours)

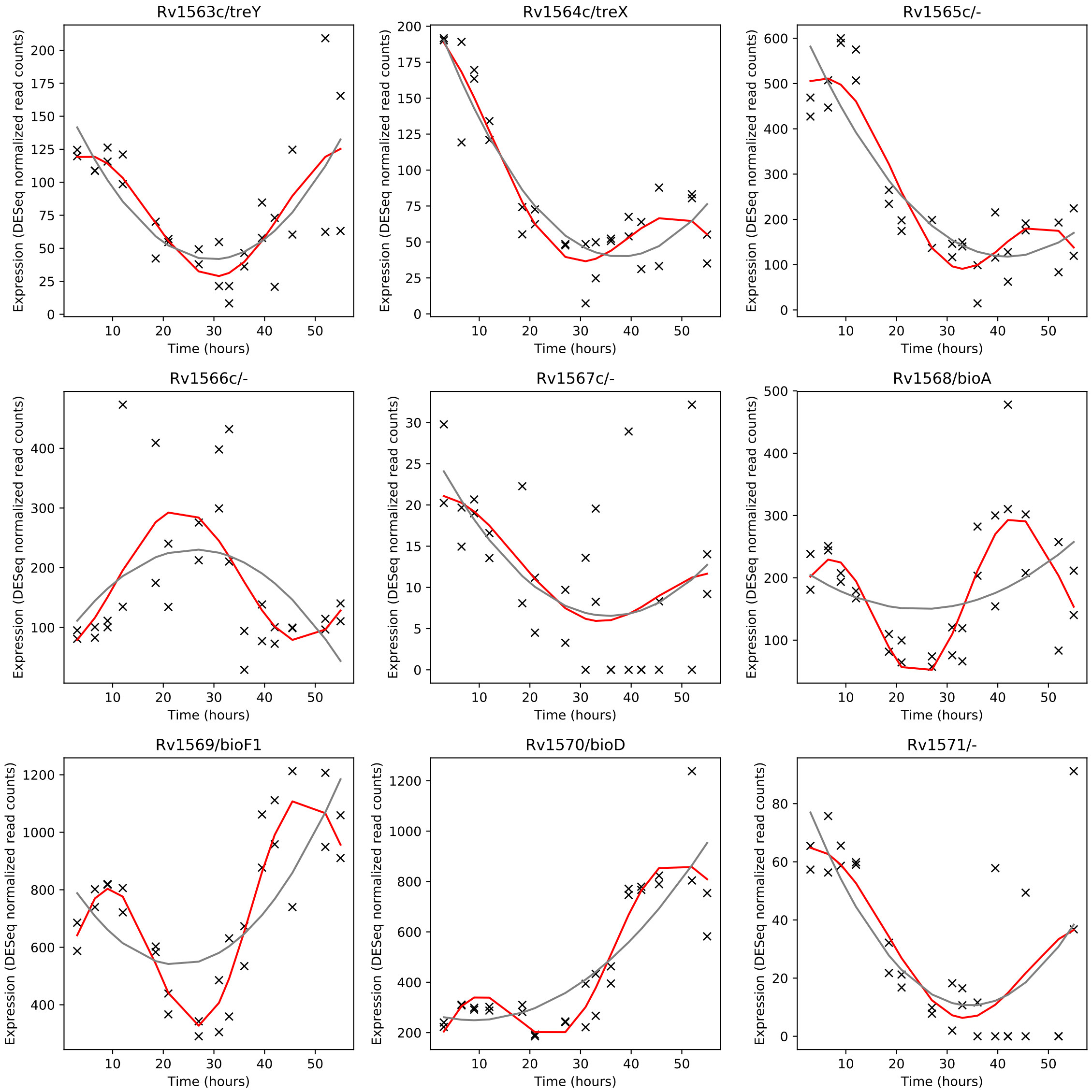

Rv1558/-
Expression (DESeq normalized read counts)
Time (hours)

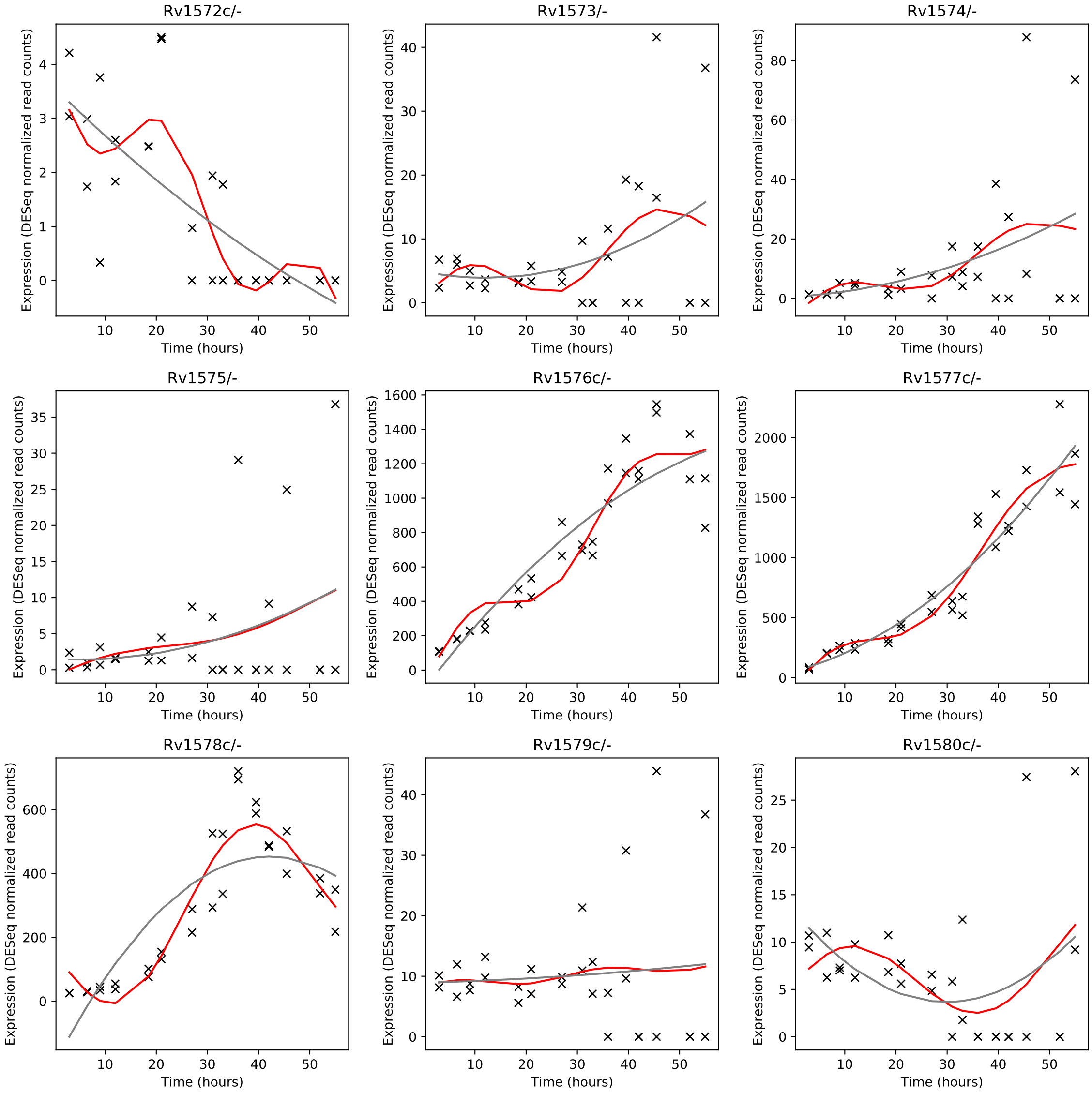

Rv1559/ilvA
Expression (DESeq normalized read counts)
Time (hours)

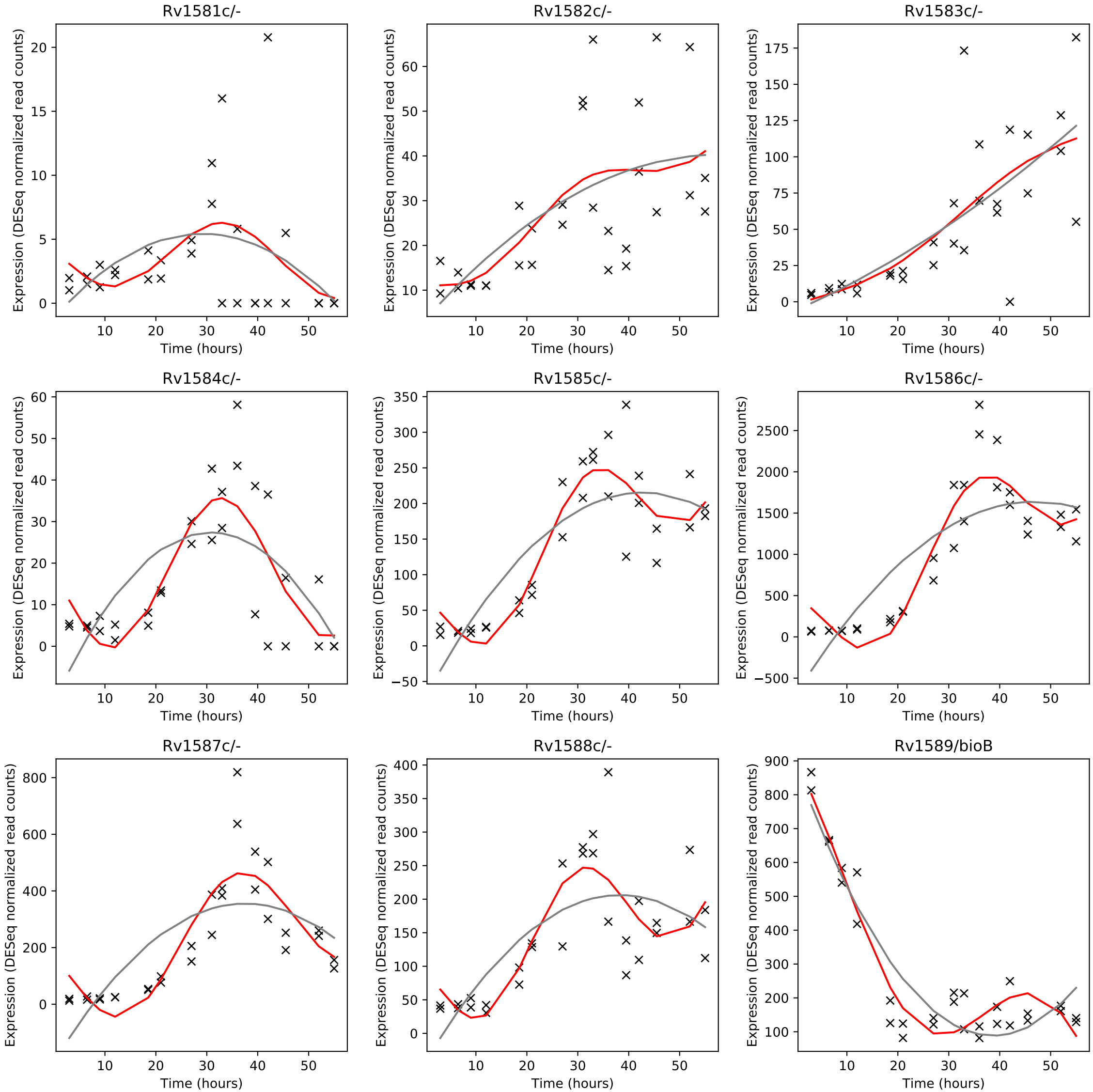

Rv1560/vapB11
Expression (DESeq normalized read counts)
Time (hours)

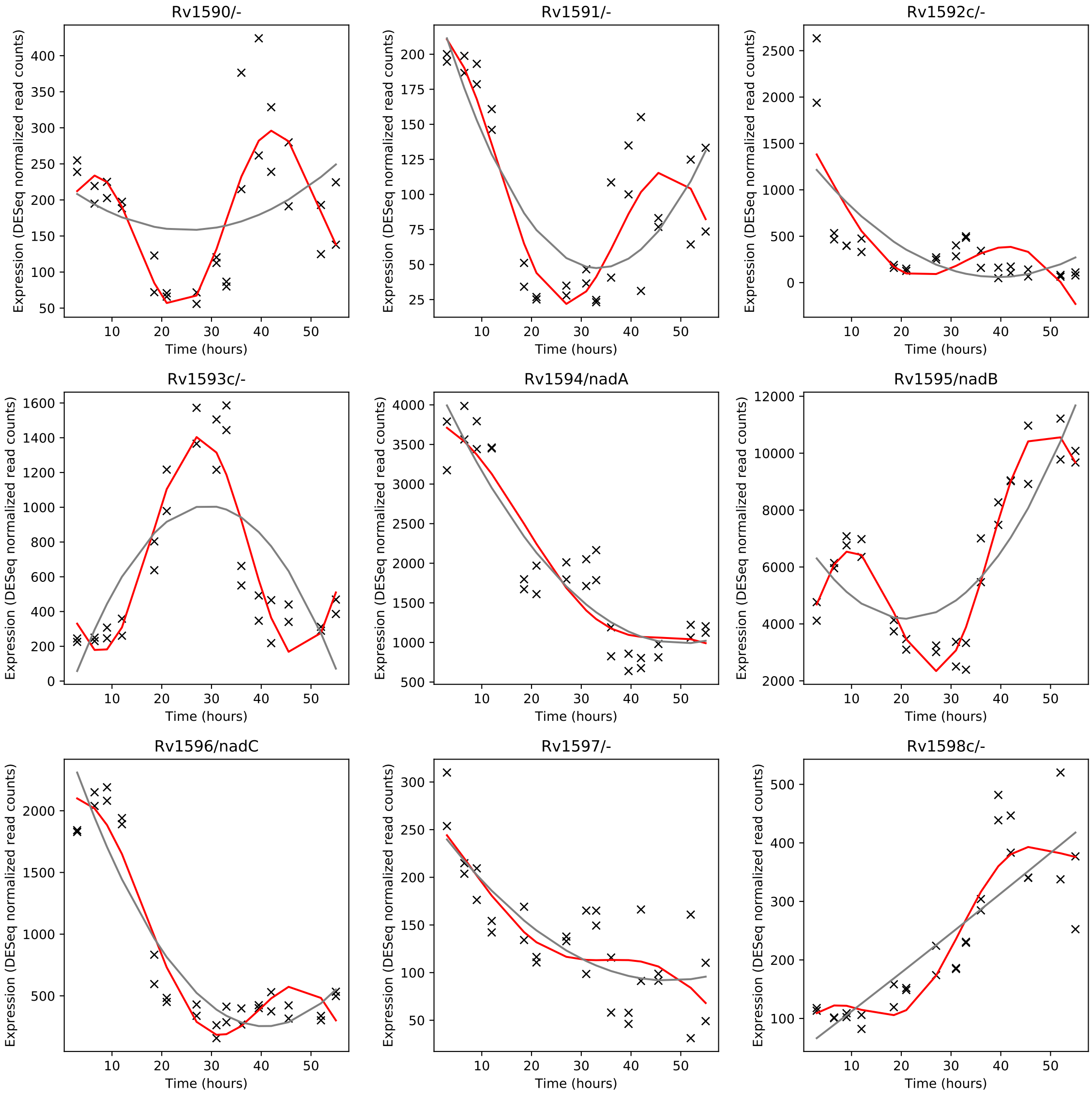

Rv1561/vapC11
Expression (DESeq normalized read counts)
Time (hours)

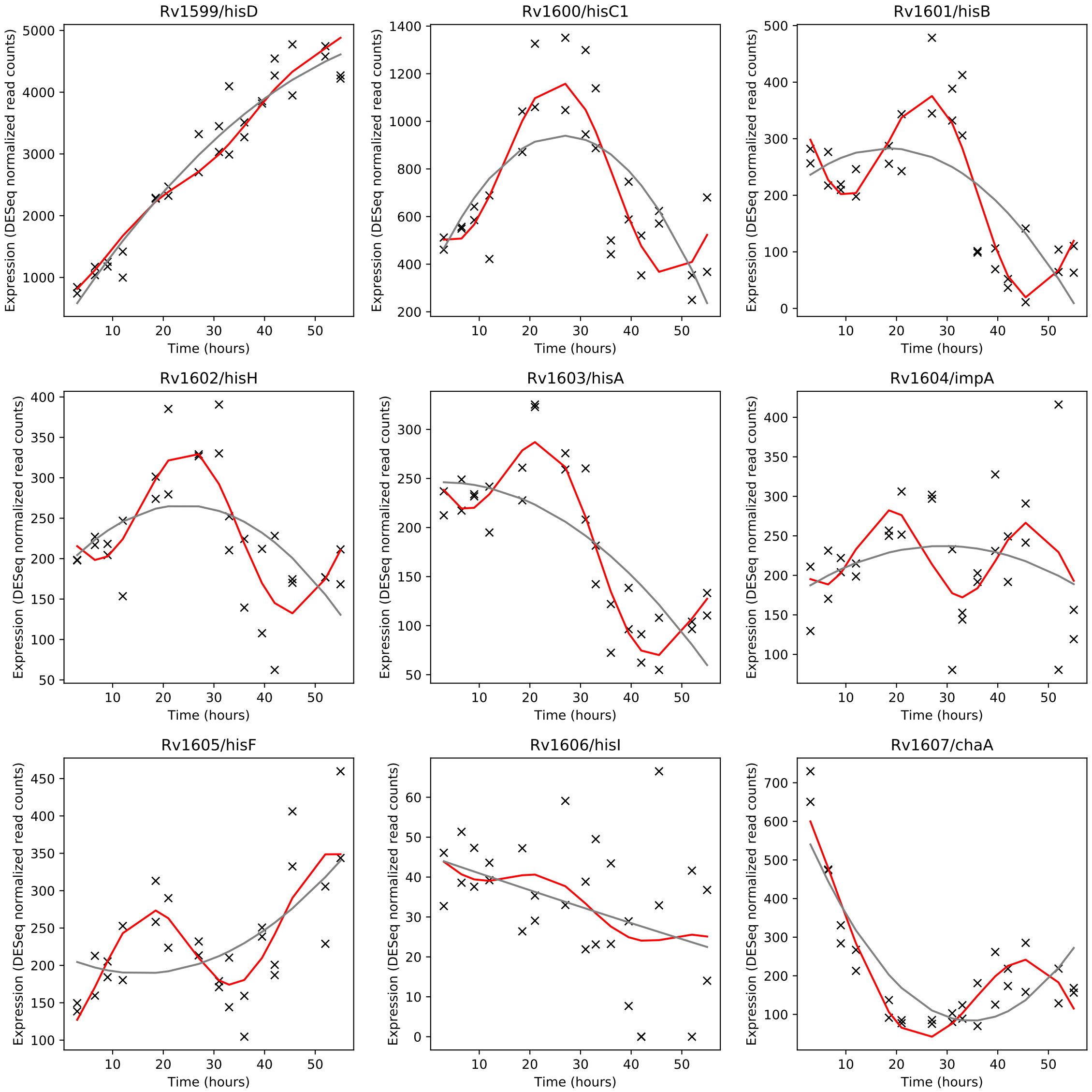

Rv1562c/treZ
Expression (DESeq normalized read counts)
Time (hours)

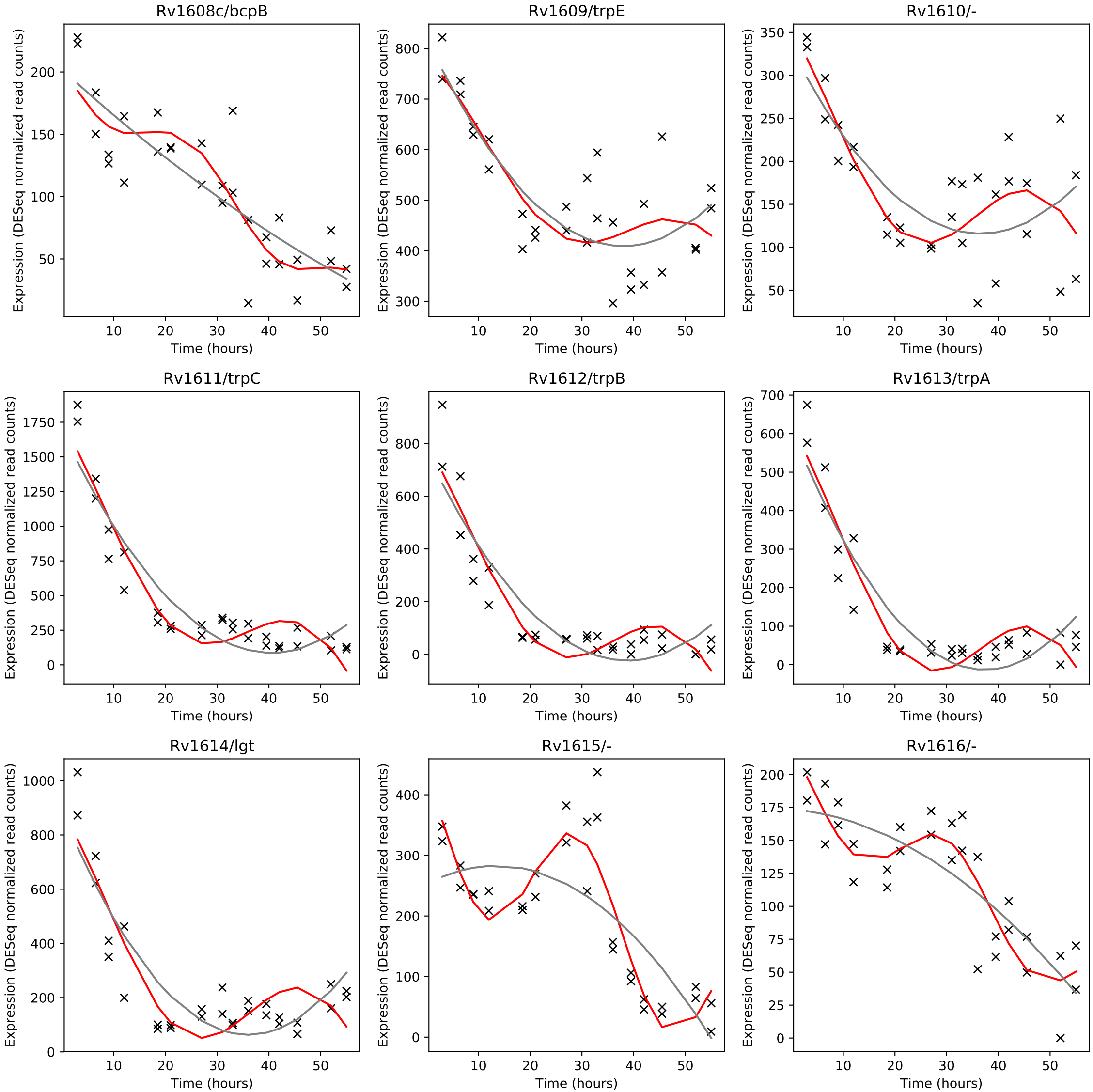

Rv1563c/treY
Rv1564c/treX
Rv1565c/-
Rv1566c/-
Rv1567c/-
Rv1568/bioA
Rv1569/bioF1
Rv1570/bioD
Rv1571/-
Expression (DESeq normalized read counts)
Time (hours)

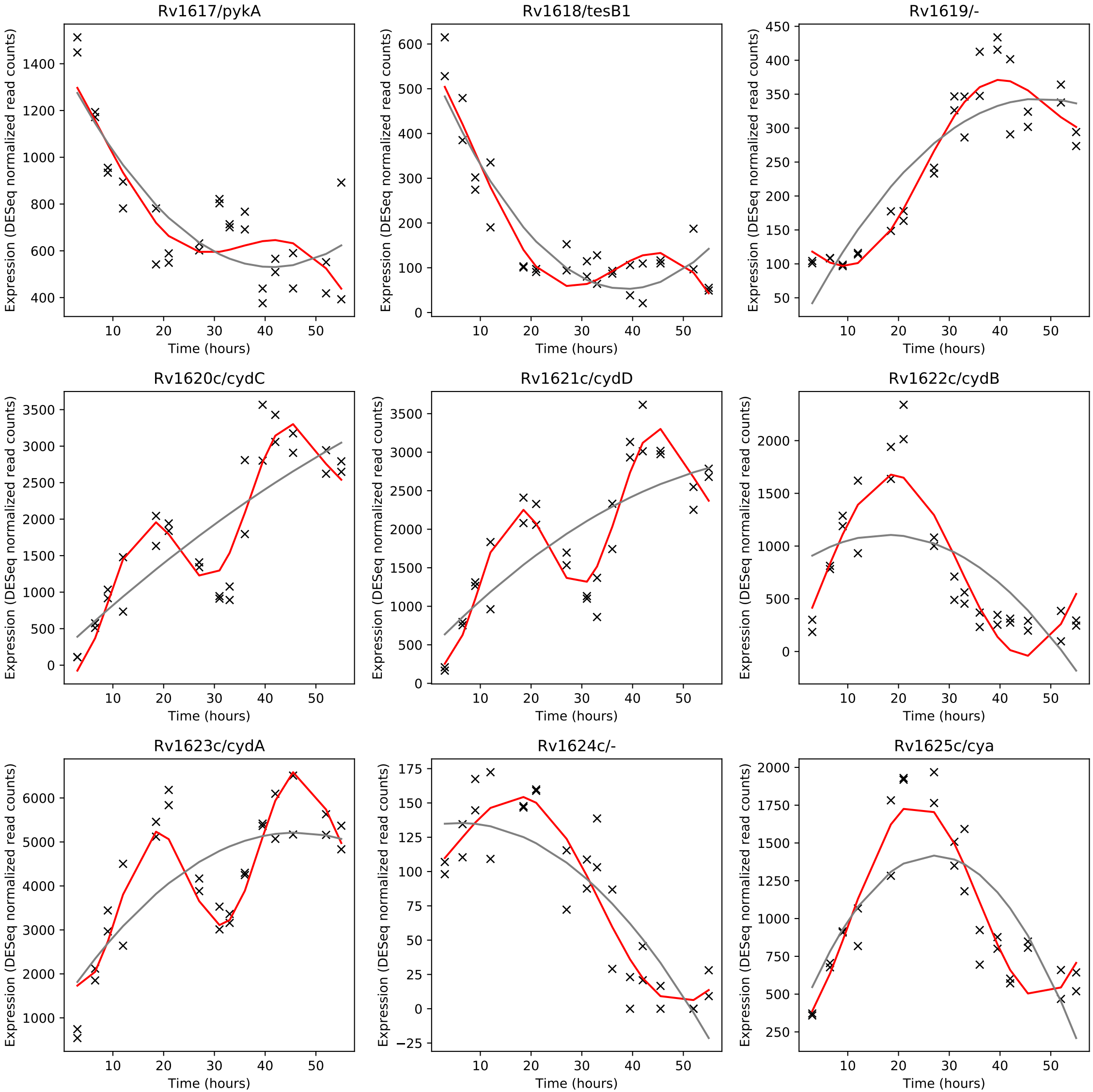

Rv1572c/-
Rv1573/-
Rv1574/-
Rv1575/-
Rv1576c/-
Rv1577c/-
Rv1578c/-
Rv1579c/-
Rv1580c/-
Expression (DESeq normalized read counts)
Time (hours)

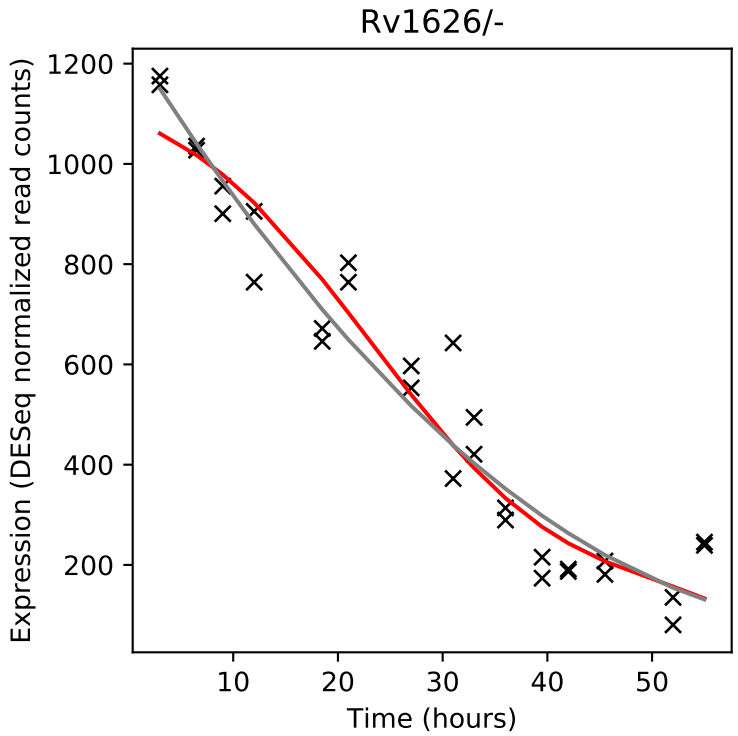

Rv1581c/-
Rv1582c/-
Rv1583c/-
Rv1584c/-
Rv1585c/-
Rv1586c/-
Rv1587c/-
Rv1588c/-
Rv1589/bioB
Expression (DESeq normalized read counts)
Time (hours)

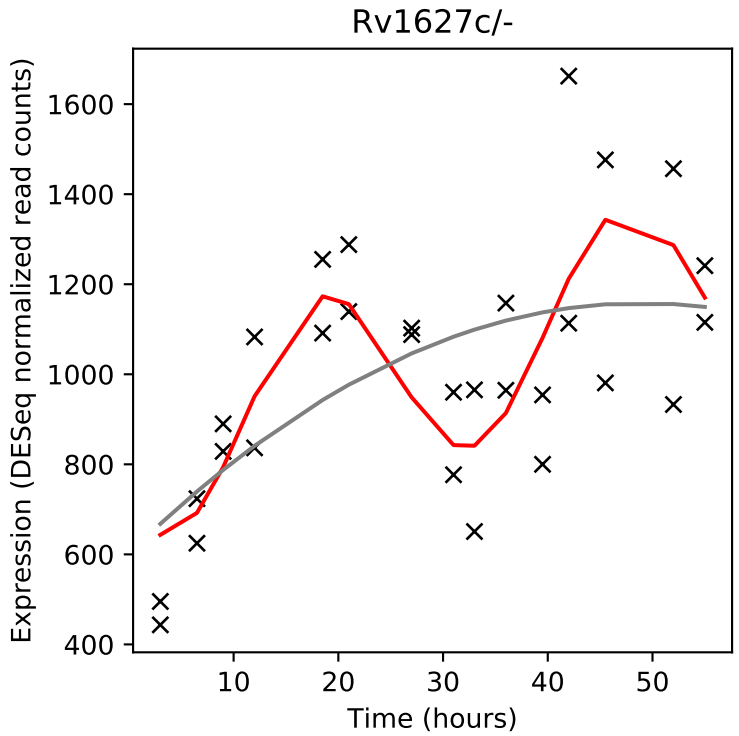

Rv1590/-
Rv1591/-
Rv1592c/-
Rv1593c/-
Rv1594/nadA
Rv1595/nadB
Rv1596/nadC
Rv1597/-
Rv1598c/-
Expression (DESeq normalized read counts)
Time (hours)

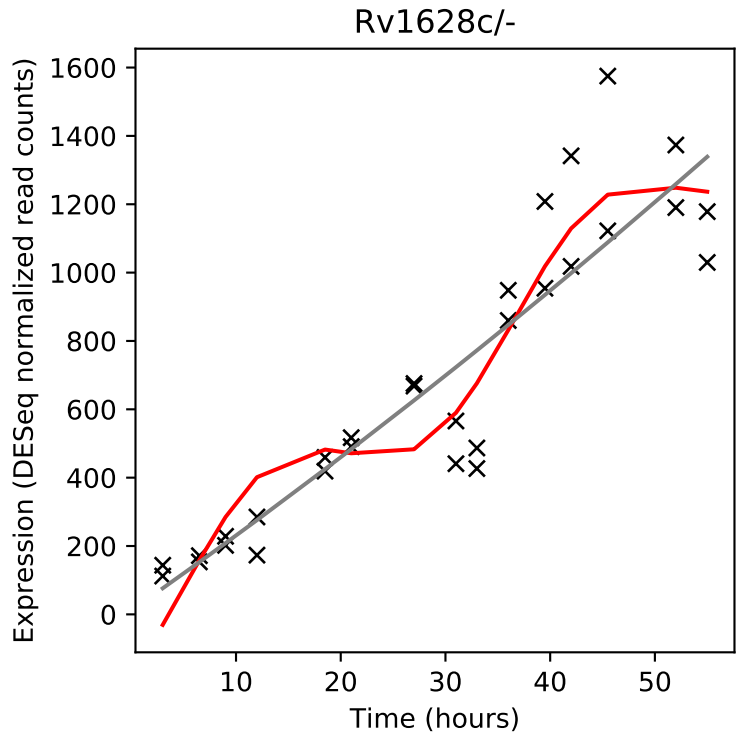

Rv1599/hisD
Rv1600/hisC1
Rv1601/hisB
Rv1602/hisH
Rv1603/hisA
Rv1604/impA
Rv1605/hisF
Rv1606/hisI
Rv1607/chaA
Expression (DESeq normalized read counts)
Time (hours)

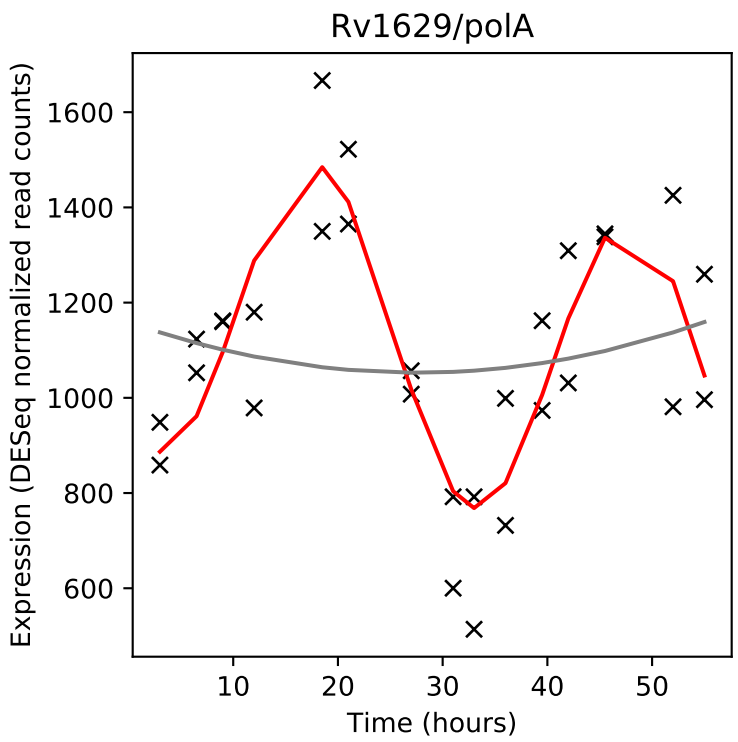

Rv1608c/bcpB
Rv1609/trpE
Rv1610/-
Rv1611/trpC
Rv1612/trpB
Rv1613/trpA
Rv1614/lgt
Rv1615/-
Rv1616/-
Expression (DESeq normalized read counts)
Time (hours)

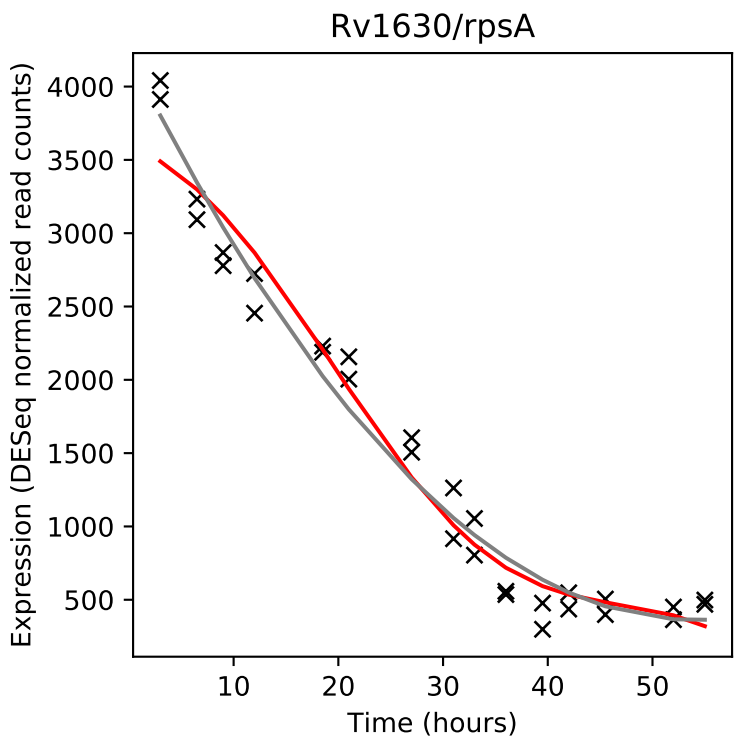

Rv1617/pykA
Rv1618/tesB1
Rv1619/-
Rv1620c/cydC
Rv1621c/cydD
Rv1622c/cydB
Rv1623c/cydA
Rv1624c/-
Rv1625c/cya
Expression (DESeq normalized read counts)
Time (hours)

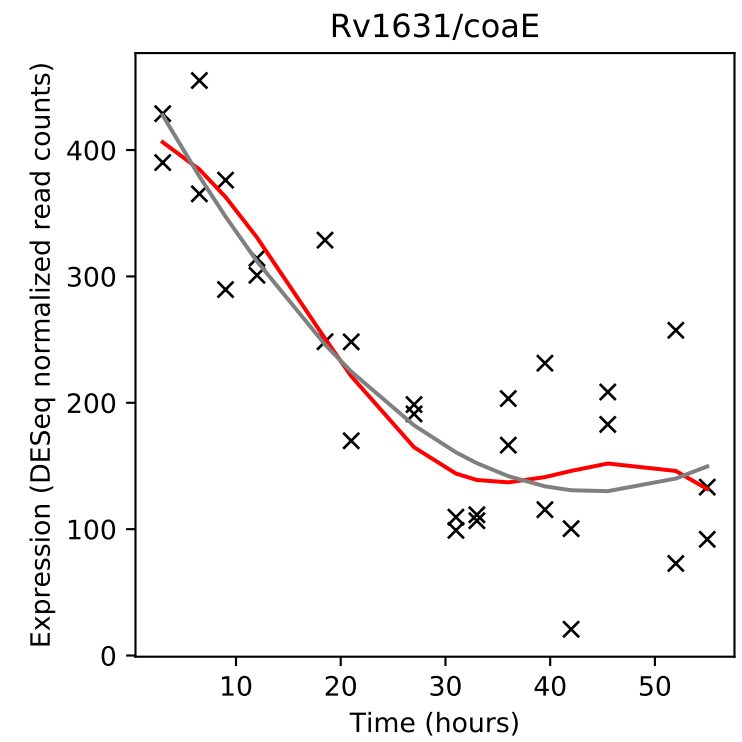

Rv1626/-
Expression (DESeq normalized read counts)
Time (hours)

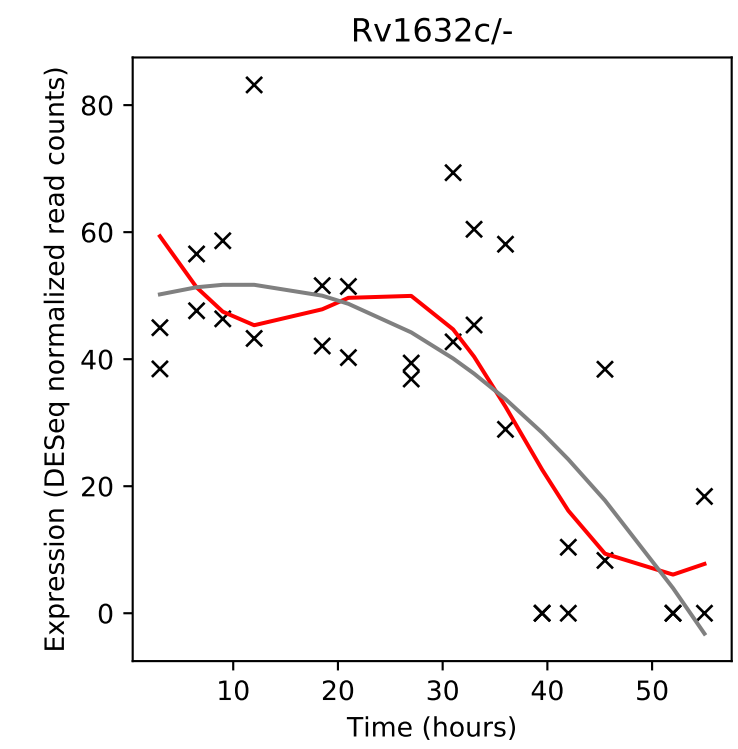

Rv1627c/-
Expression (DESeq normalized read counts)
Time (hours)

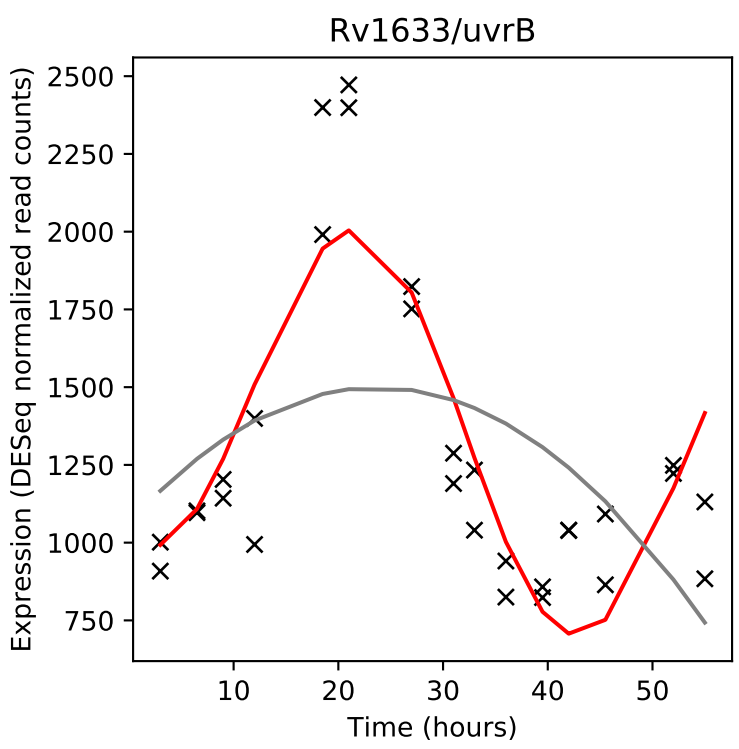

Rv1628c/-
Expression (DESeq normalized read counts)
Time (hours)

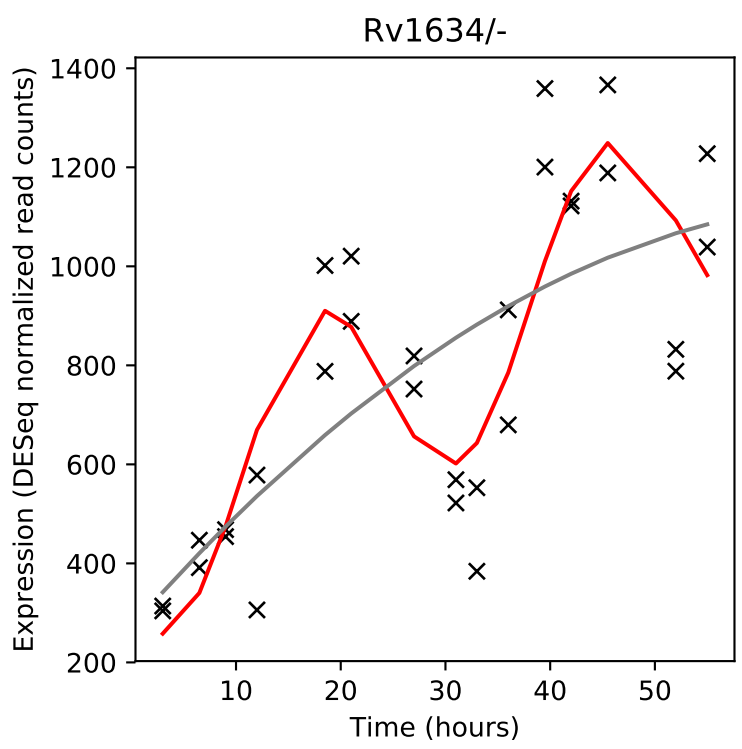

Rv1629/polA
Expression (DESeq normalized read counts)
Time (hours)

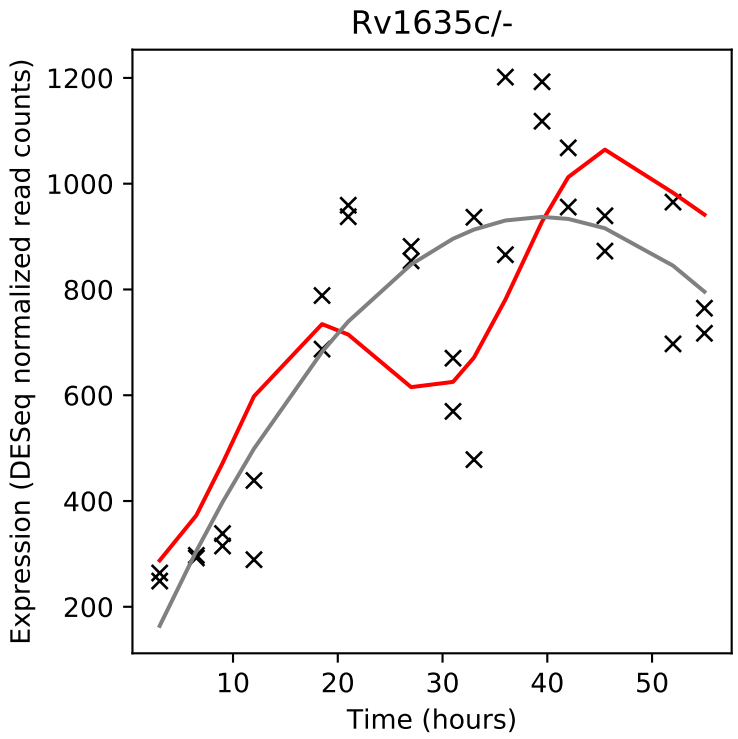

Rv1630/rpsA
Expression (DESeq normalized read counts)
Time (hours)

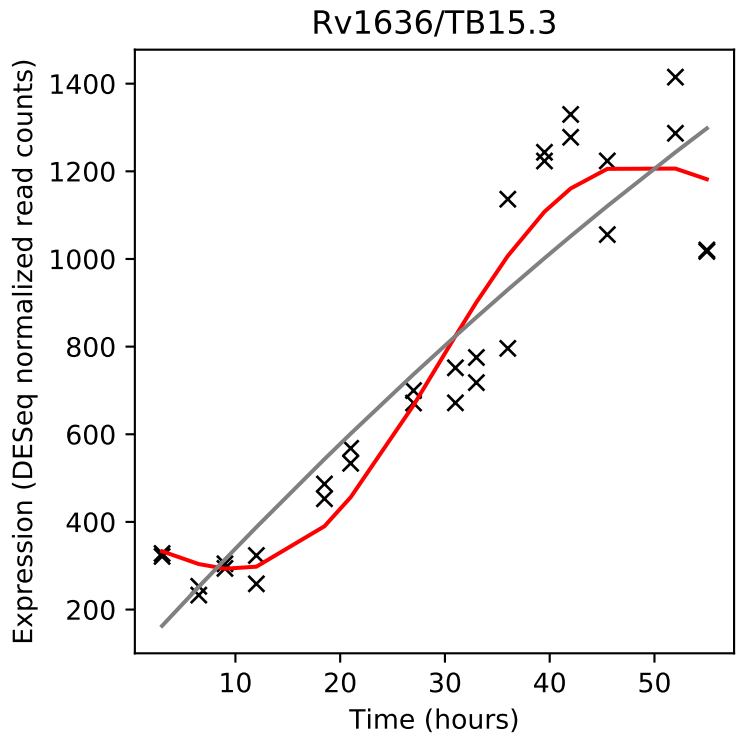

Rv1631/coaE
Expression (DESeq normalized read counts)
Time (hours)

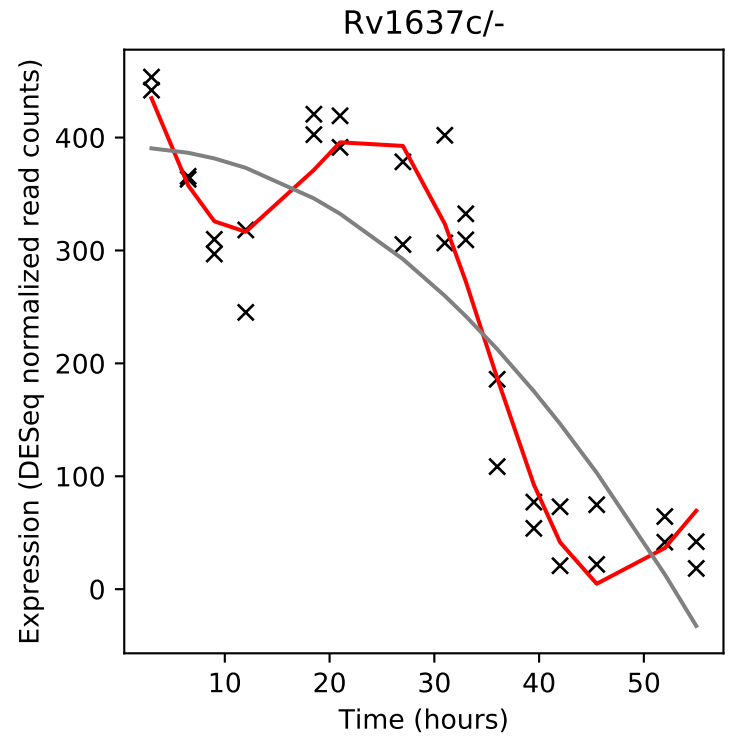

Rv1632c/-
Expression (DESeq normalized read counts)
Time (hours)

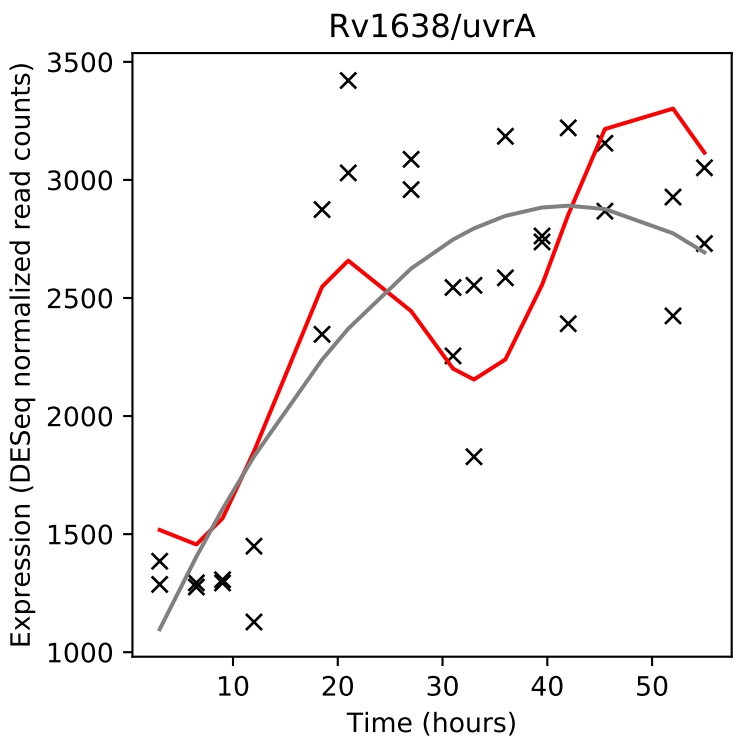

Rv1633/uvrB
Expression (DESeq normalized read counts)
Time (hours)

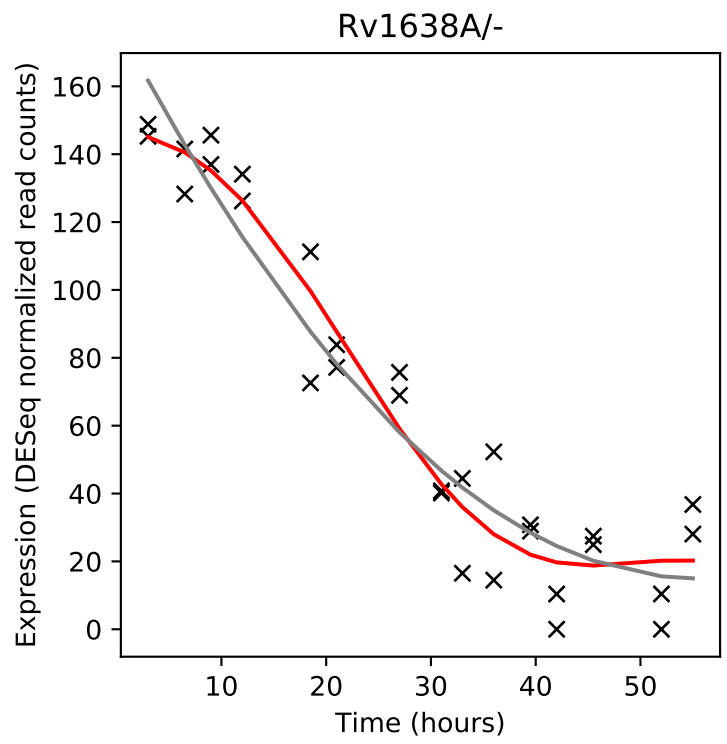

Rv1634/-
Expression (DESeq normalized read counts)
Time (hours)

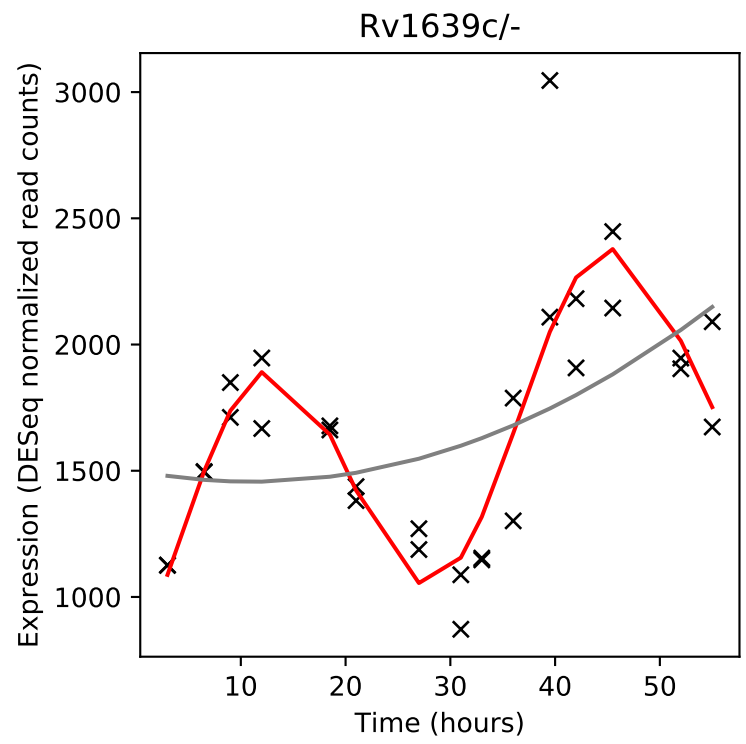

Rv1635c/-
Expression (DESeq normalized read counts)
Time (hours)

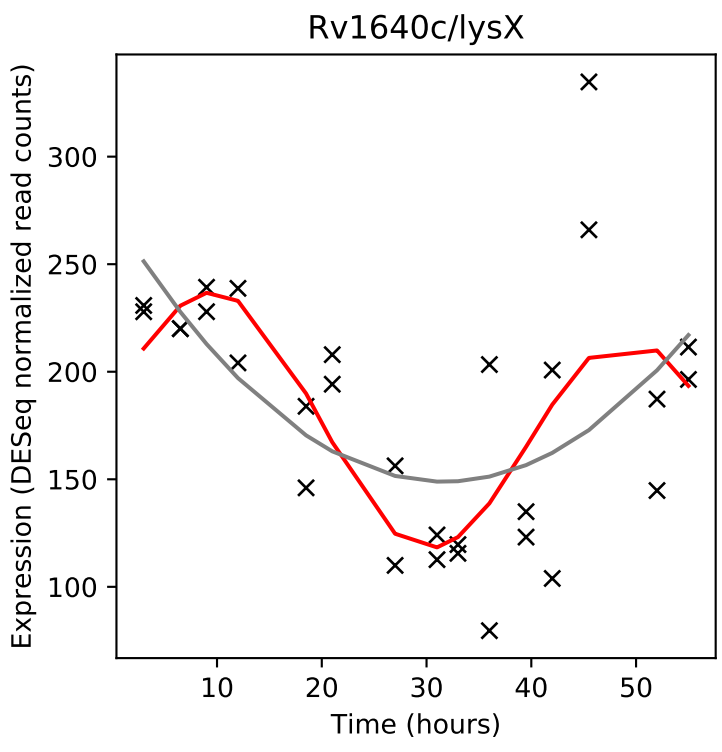

Rv1636/TB15.3
Expression (DESeq normalized read counts)
Time (hours)

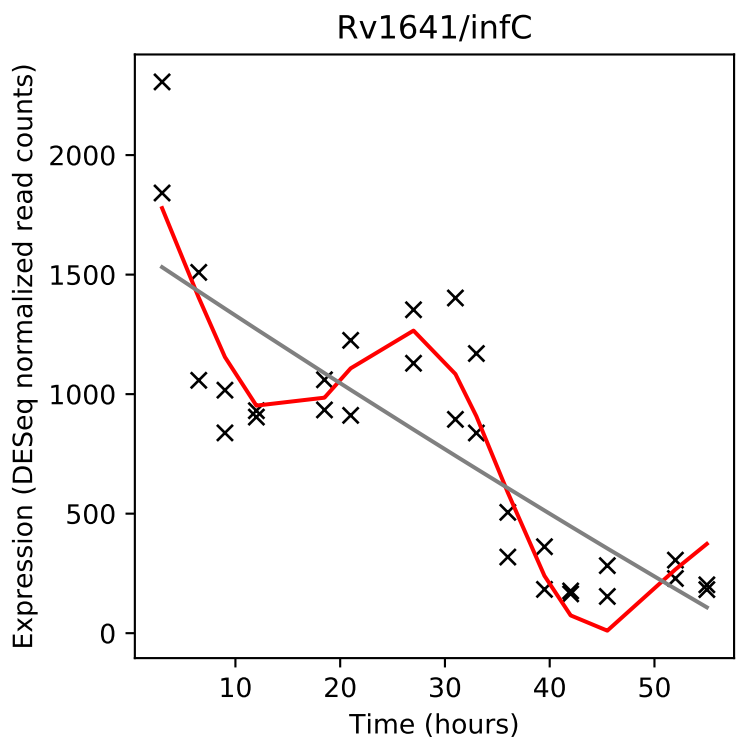

Rv1637c/-
Expression (DESeq normalized read counts)
Time (hours)

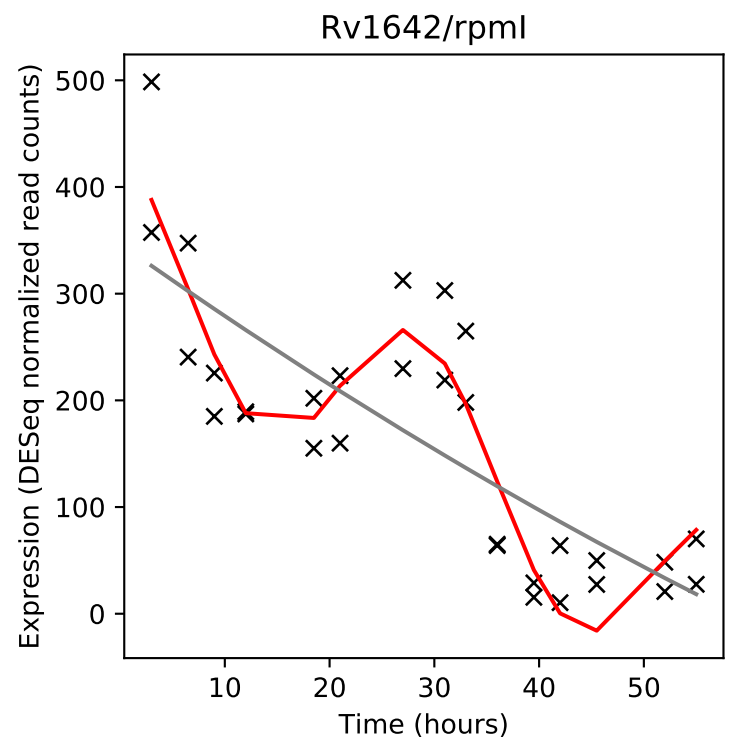

Rv1638/uvrA
Expression (DESeq normalized read counts)
Time (hours)

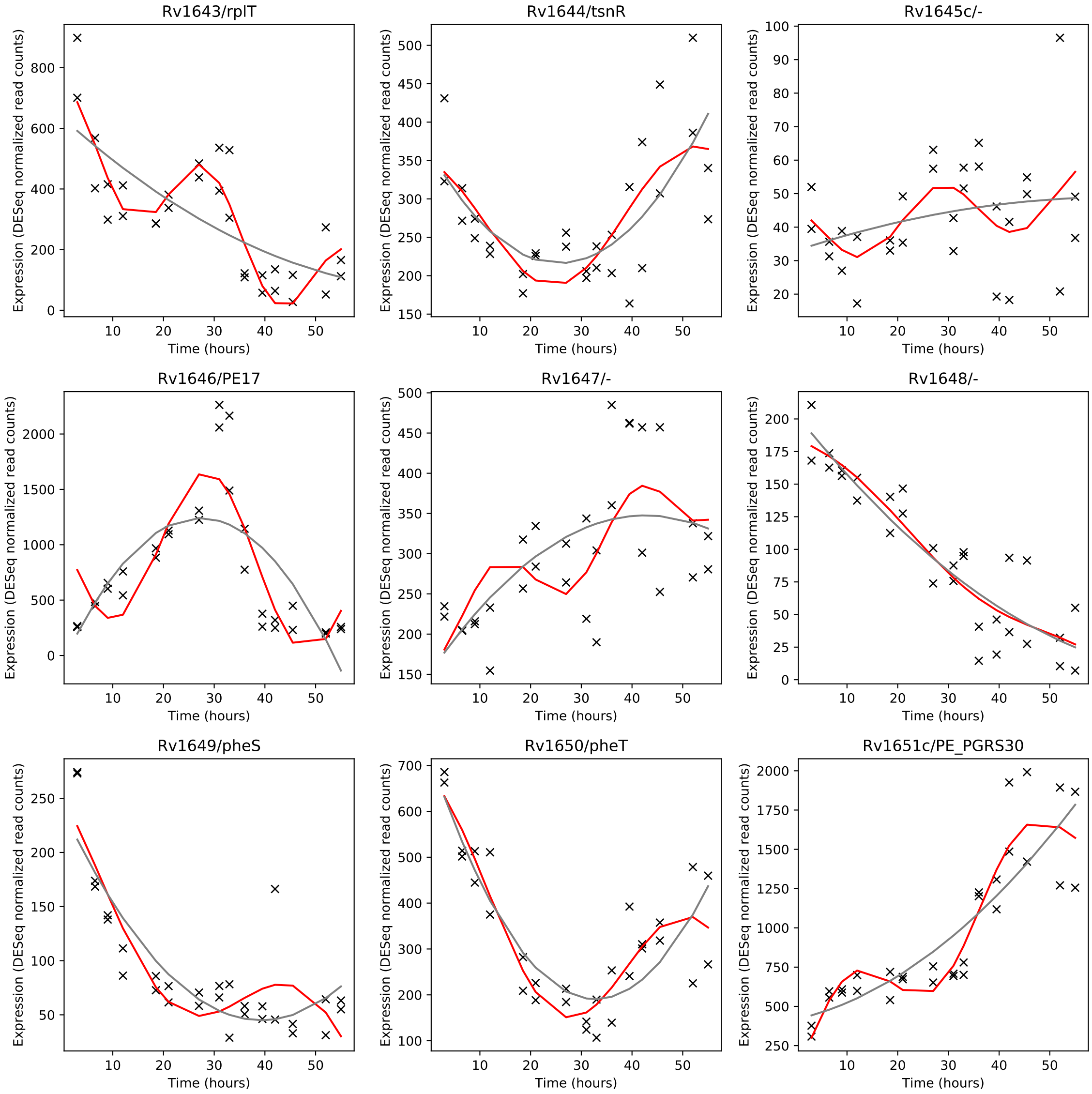

Rv1638A/-
Expression (DESeq normalized read counts)
Time (hours)

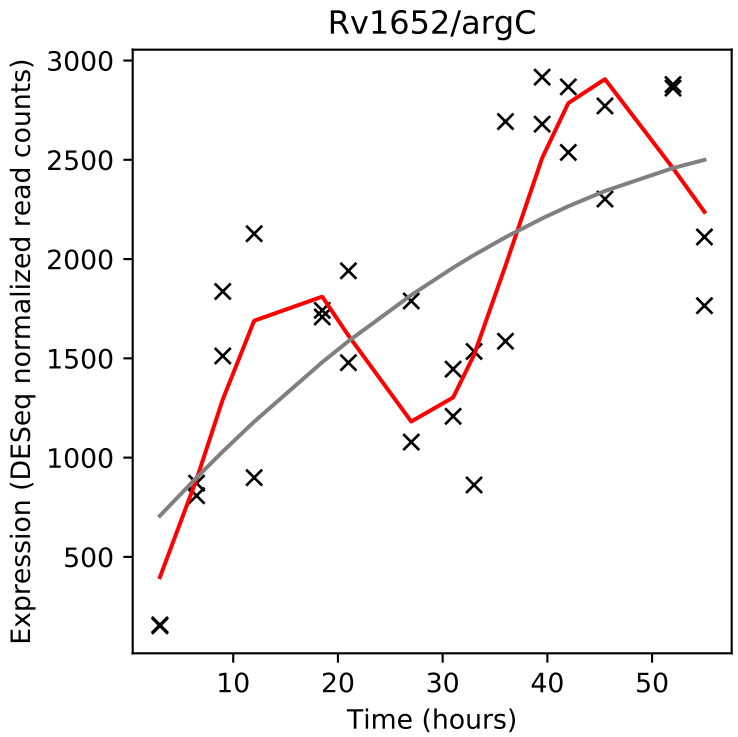

Rv1639c/-
Expression (DESeq normalized read counts)
Time (hours)

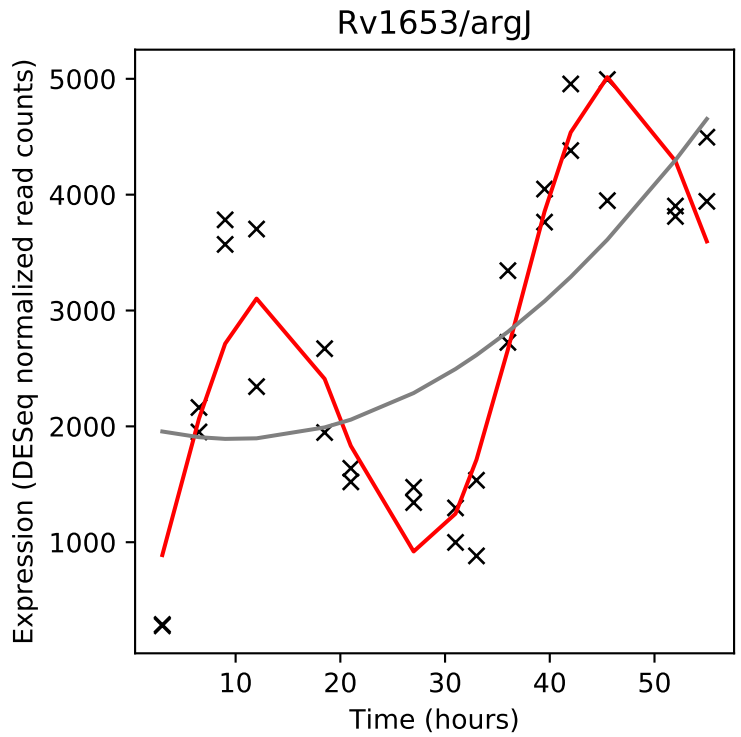

Rv1640c/lysX
Expression (DESeq normalized read counts)
Time (hours)

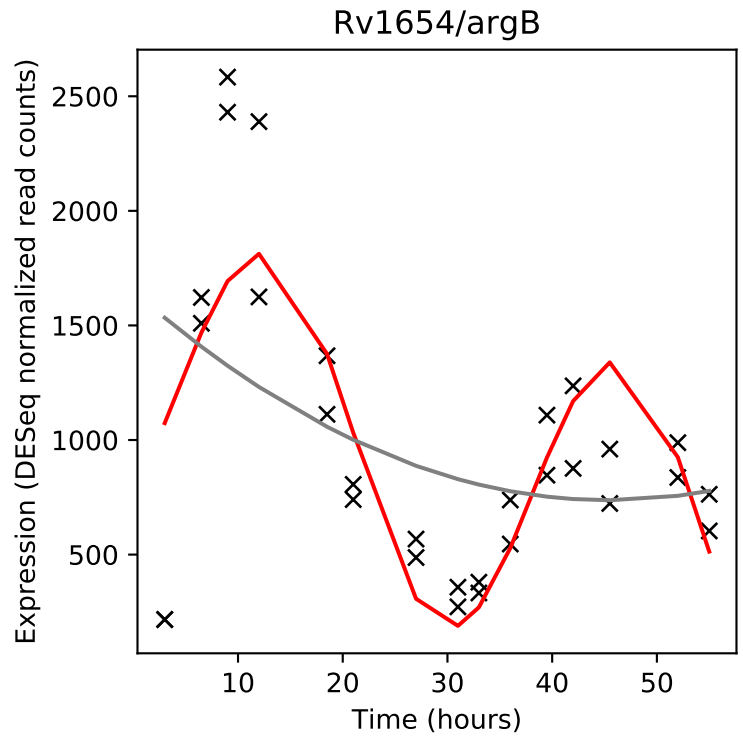

Rv1641/infC
Expression (DESeq normalized read counts)
Time (hours)

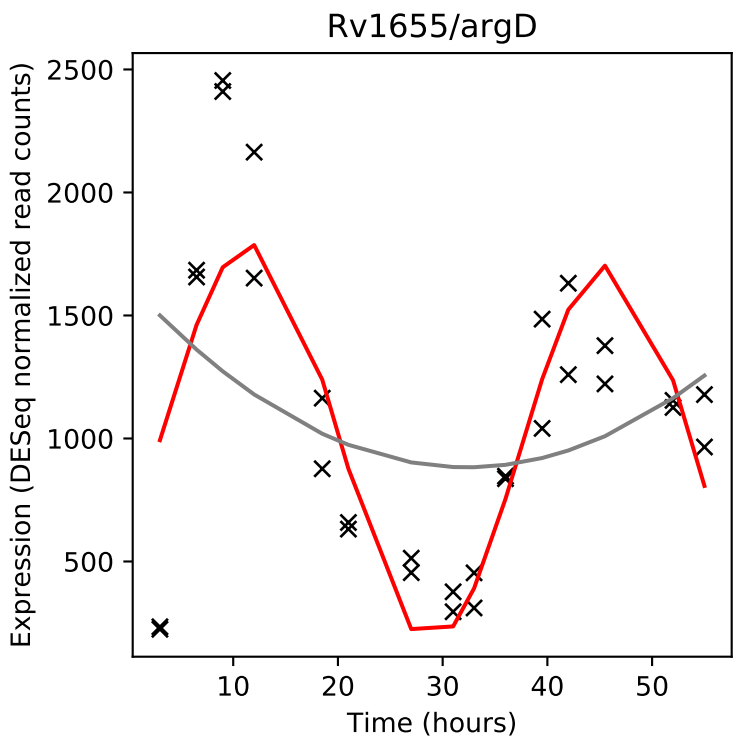

Rv1642/rpmI
Expression (DESeq normalized read counts)
Time (hours)

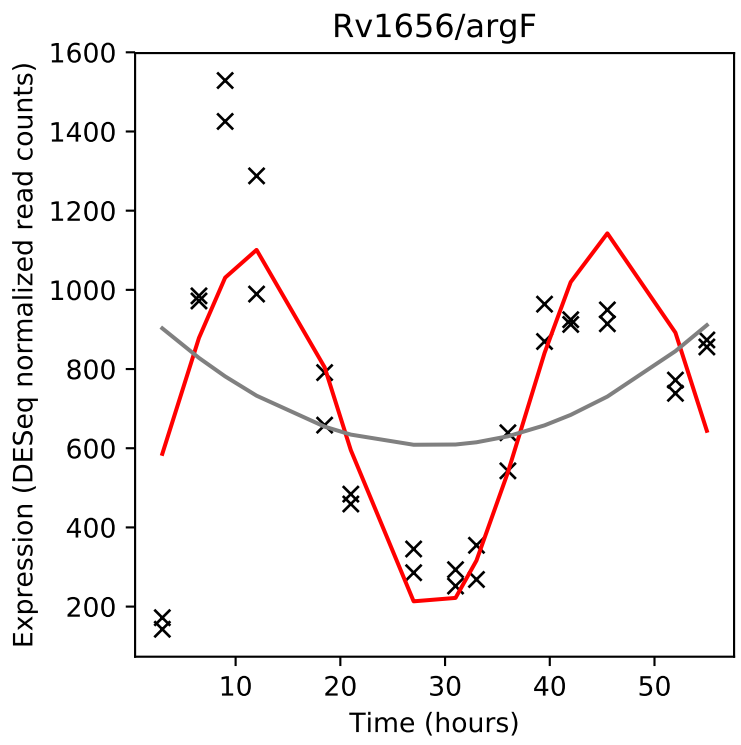

Rv1643/rplT
Rv1644/tsnR
Rv1645c/-
Rv1646/PE17
Rv1647/-
Rv1648/-
Rv1649/pheS
Rv1650/pheT
Rv1651c/PE_PGRS30
Expression (DESeq normalized read counts)
Time (hours)

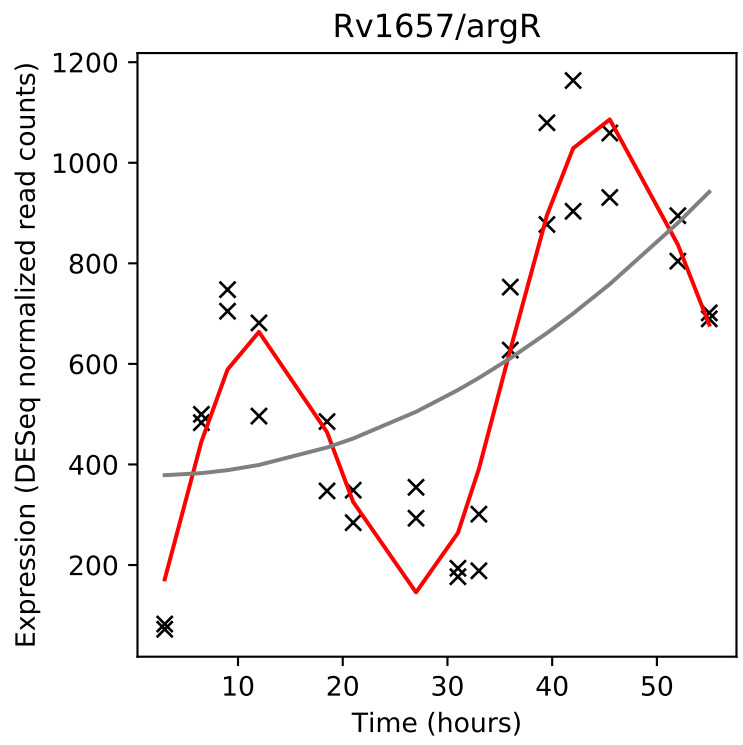

Rv1652/argC
Expression (DESeq normalized read counts)
Time (hours)

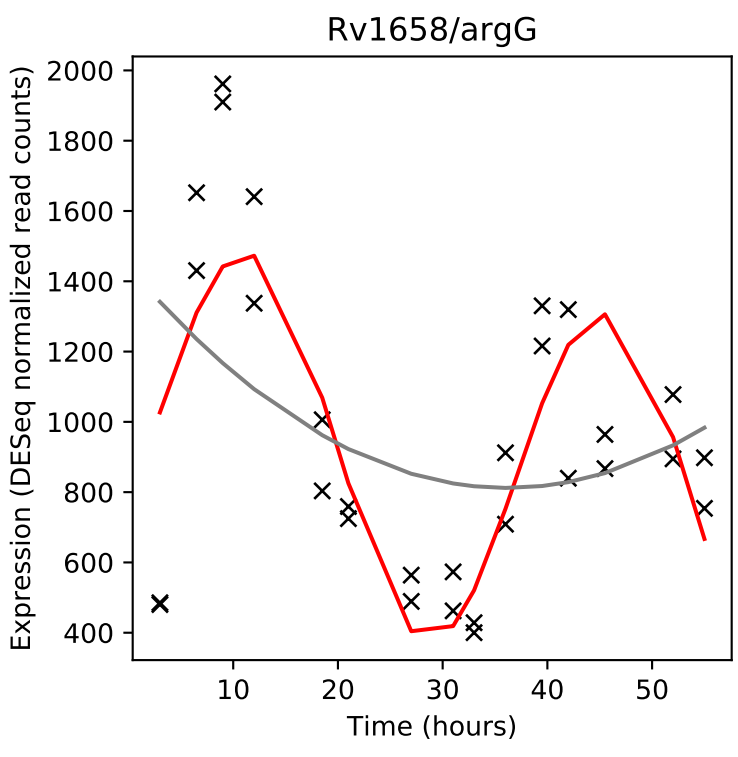

Rv1653/argJ
Expression (DESeq normalized read counts)
Time (hours)

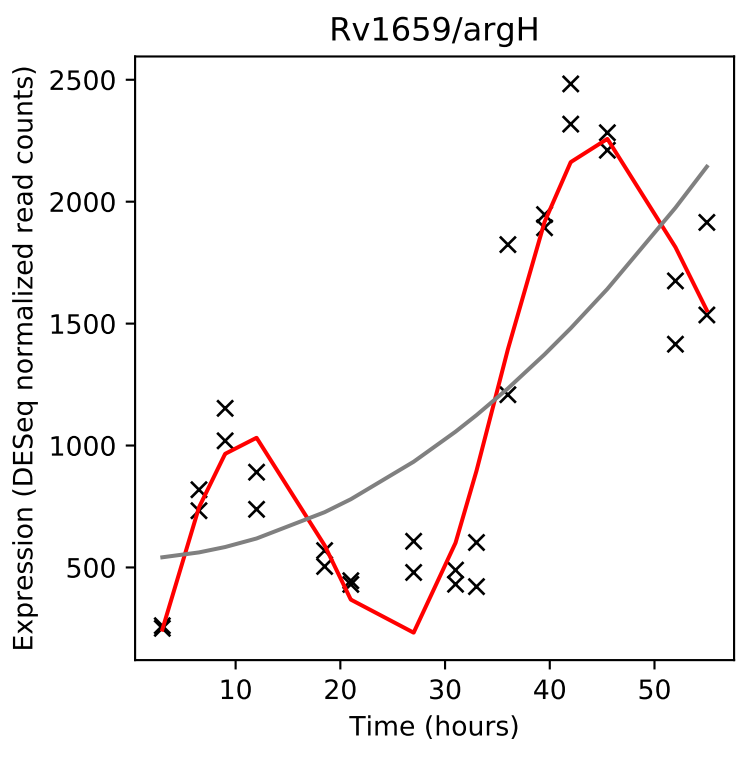

Rv1654/argB
Expression (DESeq normalized read counts)
Time (hours)

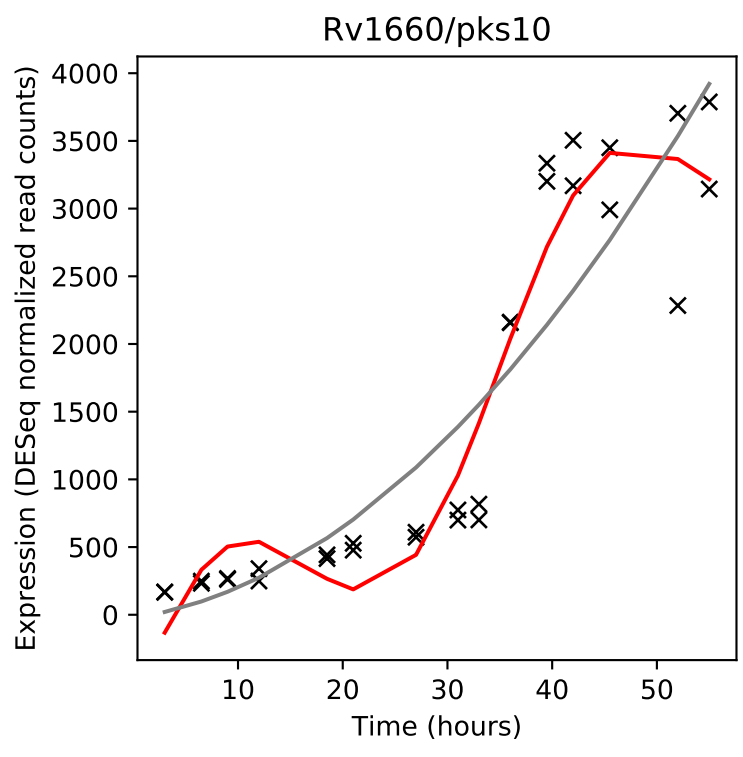

Rv1655/argD
Expression (DESeq normalized read counts)
Time (hours)

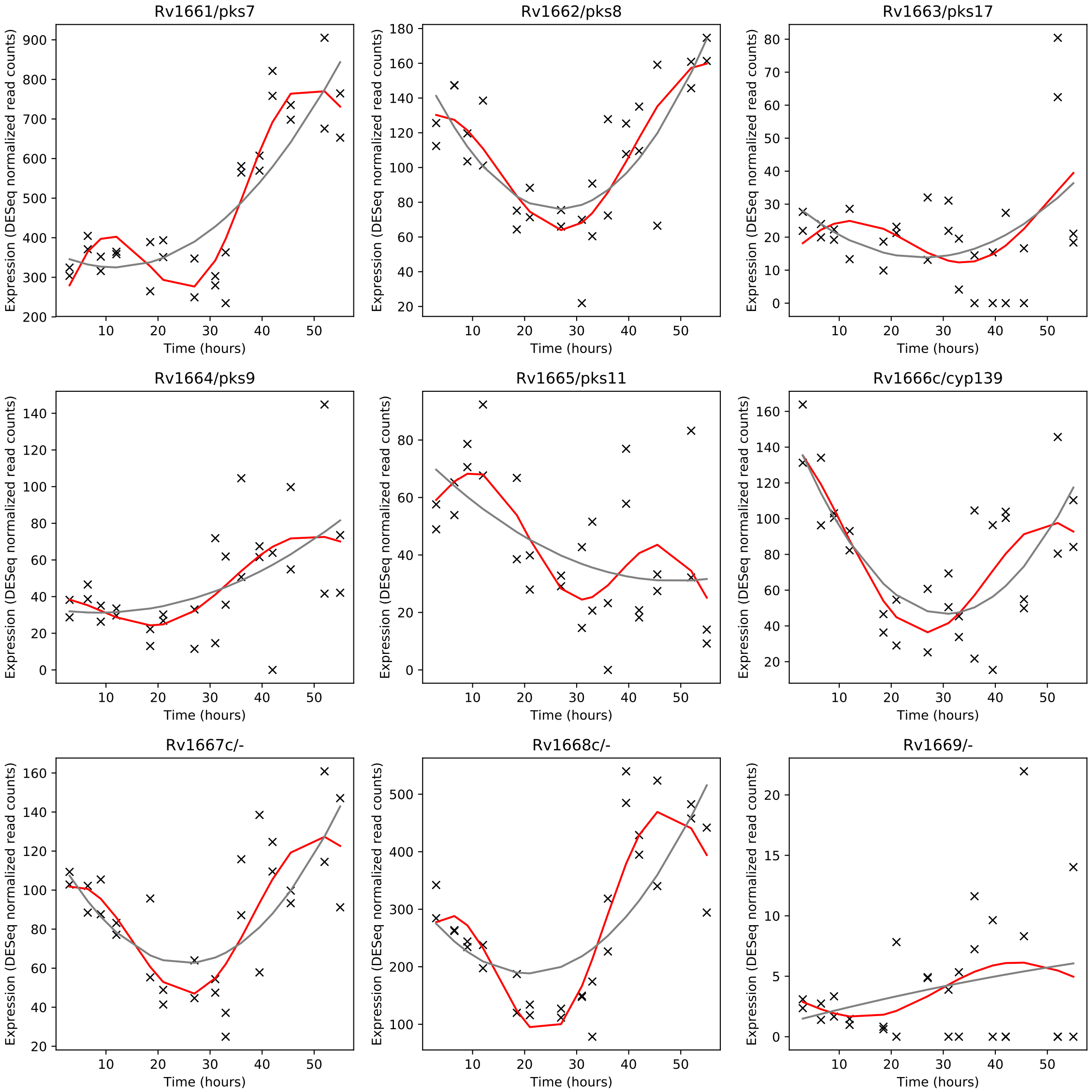

Rv1656/argF
Expression (DESeq normalized read counts)
Time (hours)

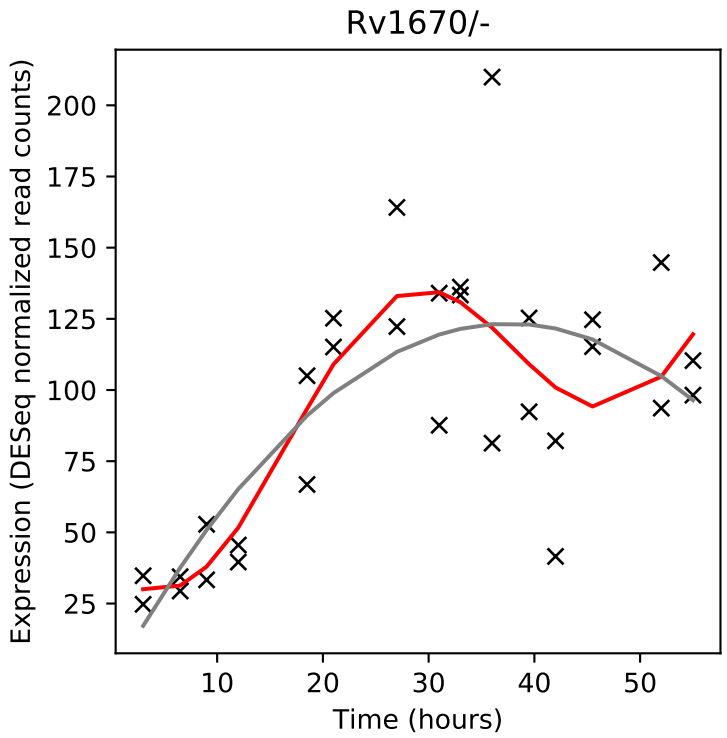

Rv1657/argR
Expression (DESeq normalized read counts)
Time (hours)

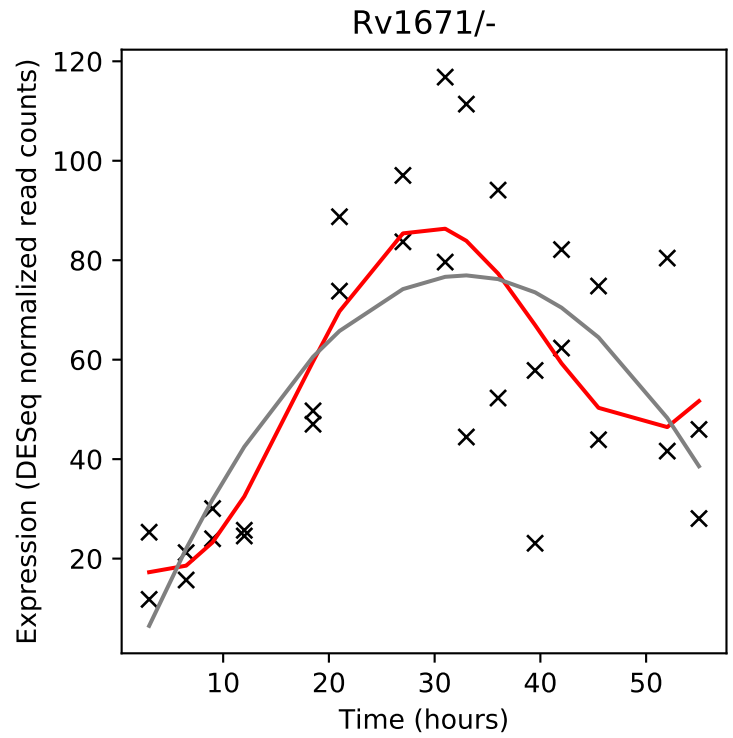

Rv1658/argG
Expression (DESeq normalized read counts)
Time (hours)

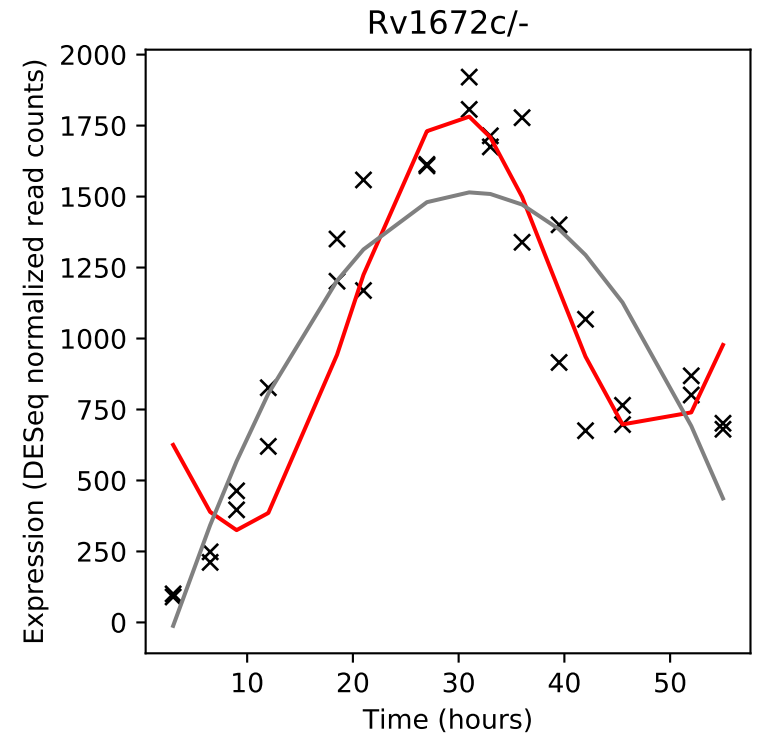

Rv1659/argH
Expression (DESeq normalized read counts)
Time (hours)

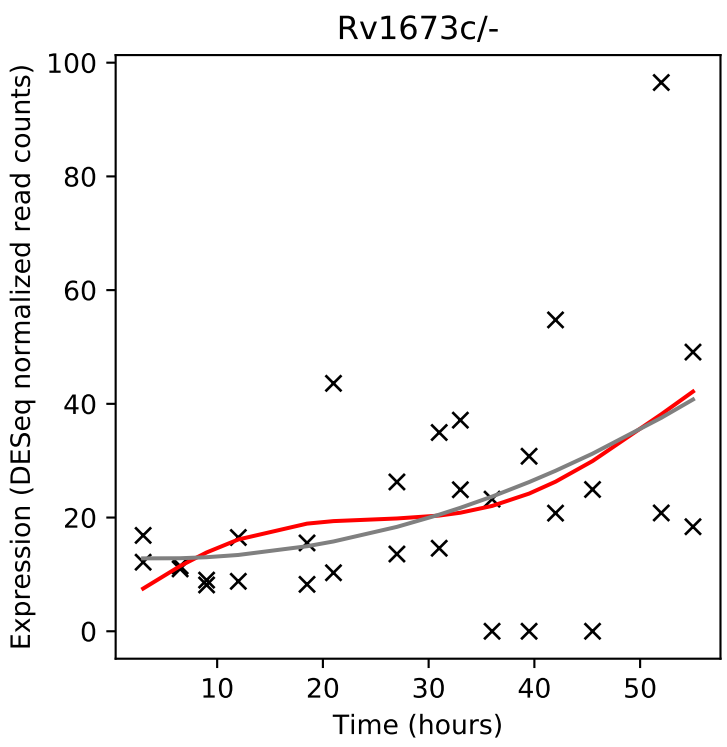

Rv1660/pks10
Expression (DESeq normalized read counts)
Time (hours)

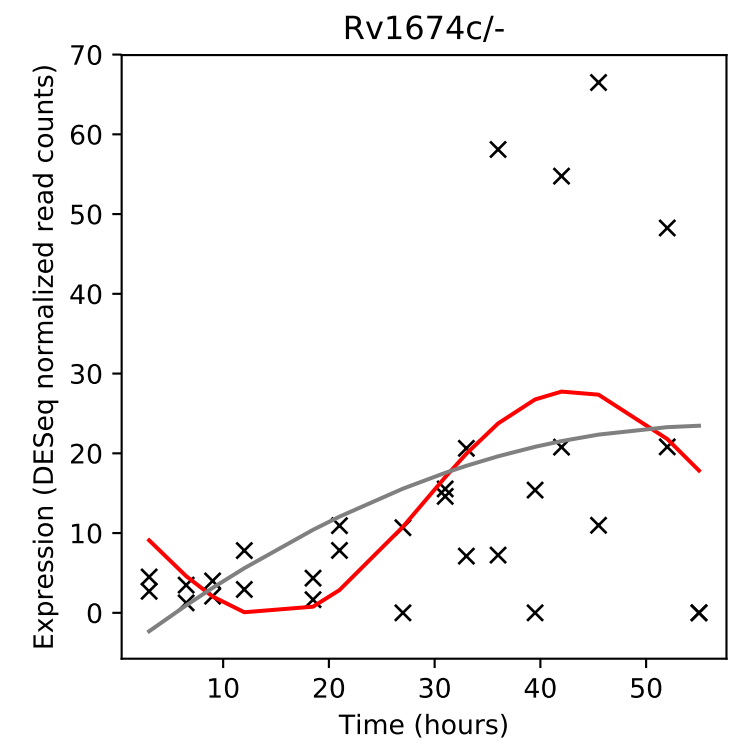

Rv1661/pks7
Rv1662/pks8
Rv1663/pks17
Rv1664/pks9
Rv1665/pks11
Rv1666c/cyp139
Rv1667c/-
Rv1668c/-
Rv1669/-
Expression (DESeq normalized read counts)
Time (hours)

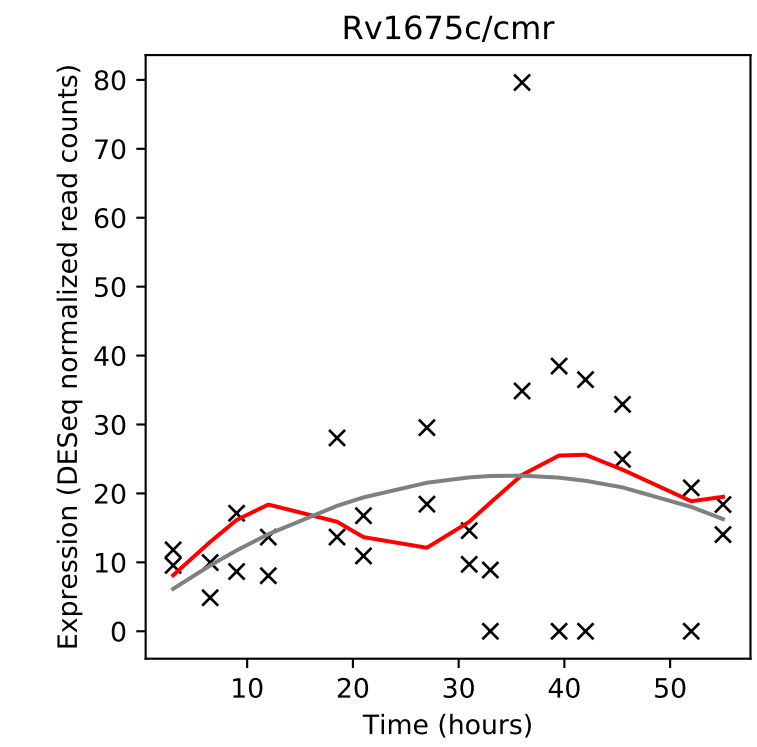

Rv1670/-
Expression (DESeq normalized read counts)
Time (hours)

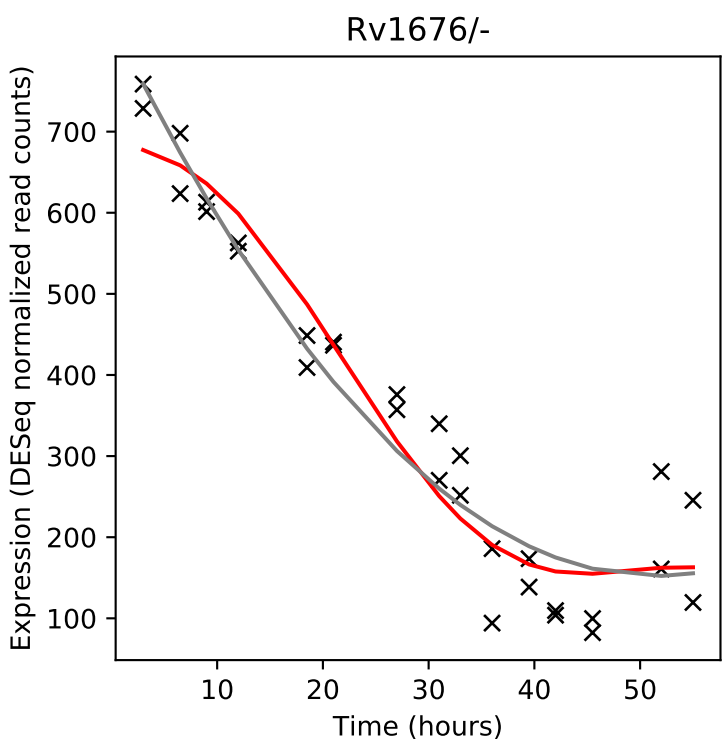

Rv1671/-
Expression (DESeq normalized read counts)
Time (hours)

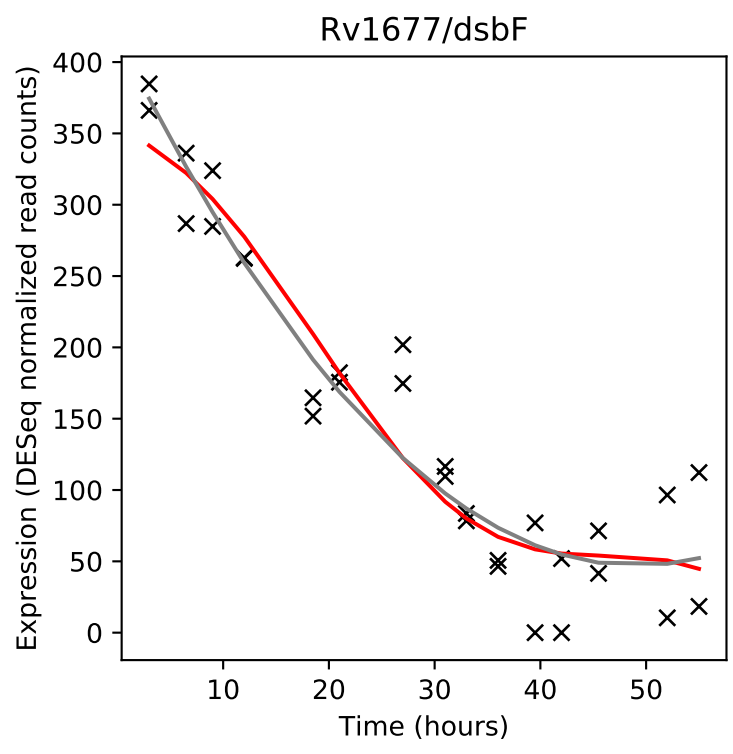

Rv1672c/-
Expression (DESeq normalized read counts)
Time (hours)

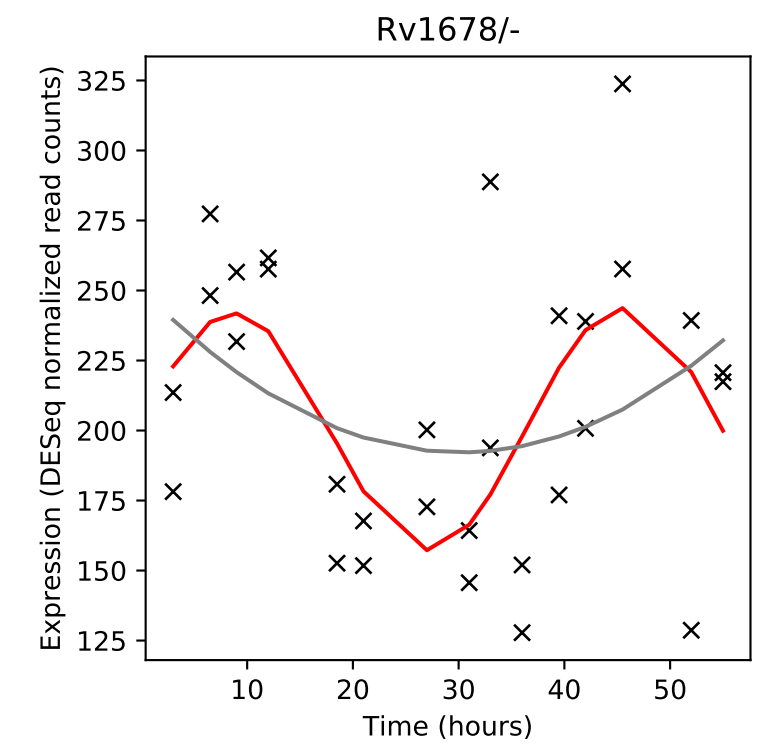

Rv1673c/-
Expression (DESeq normalized read counts)
Time (hours)

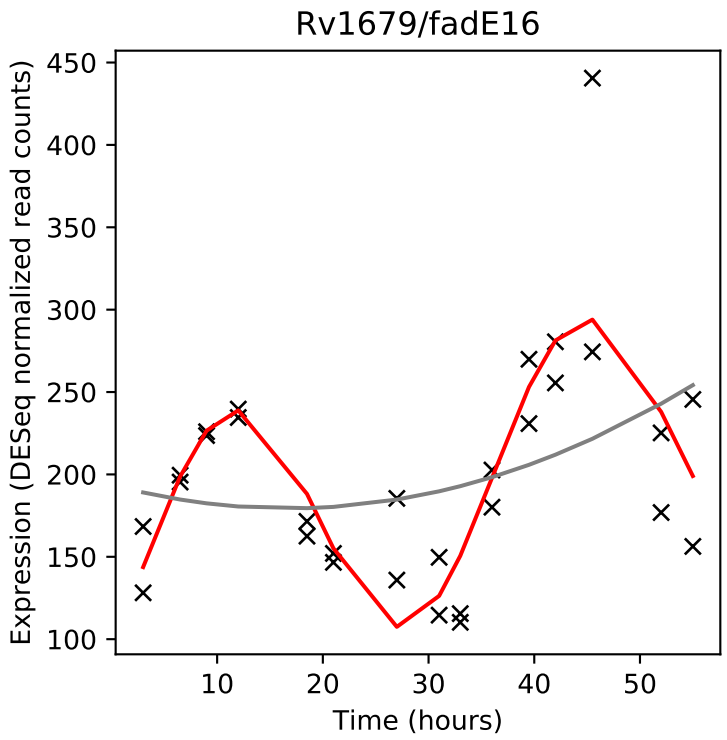

Rv1674c/-
Expression (DESeq normalized read counts)
Time (hours)

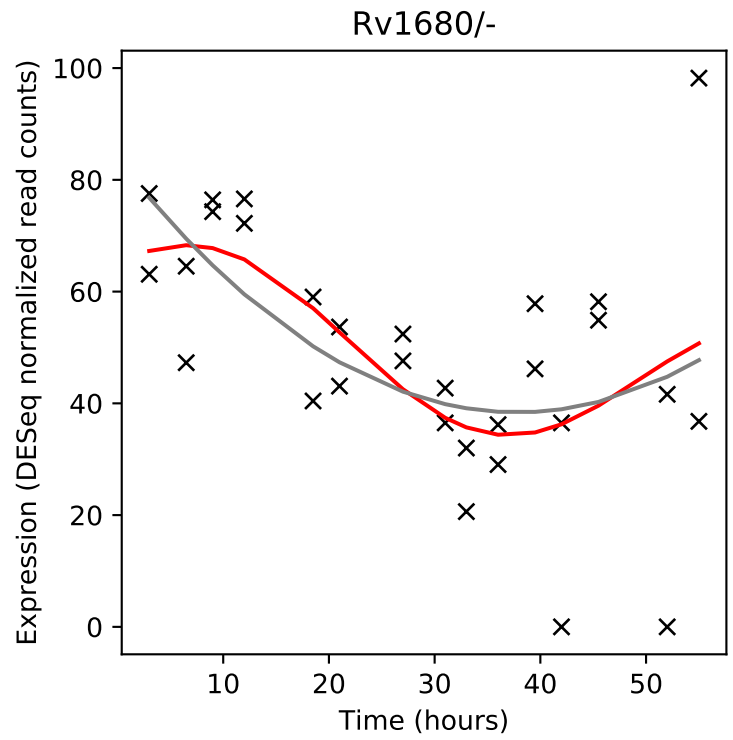

Rv1675c/cmr
Expression (DESeq normalized read counts)
Time (hours)

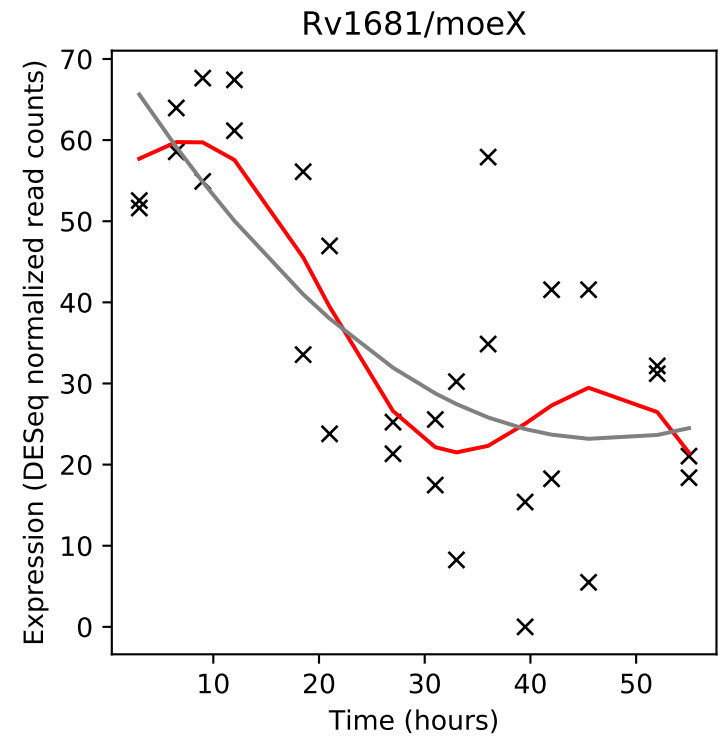

Rv1676/-
Expression (DESeq normalized read counts)
Time (hours)

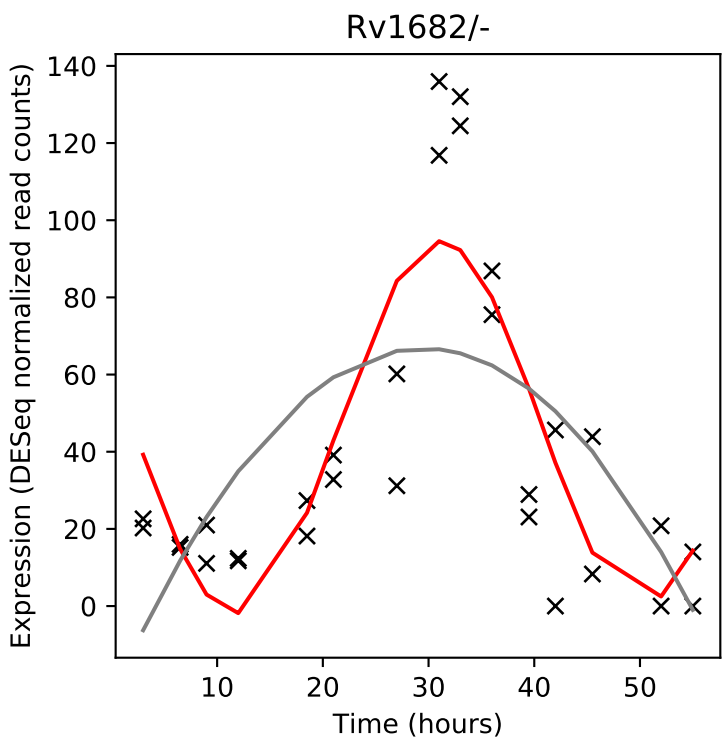

Rv1677/dsbF
Expression (DESeq normalized read counts)
Time (hours)

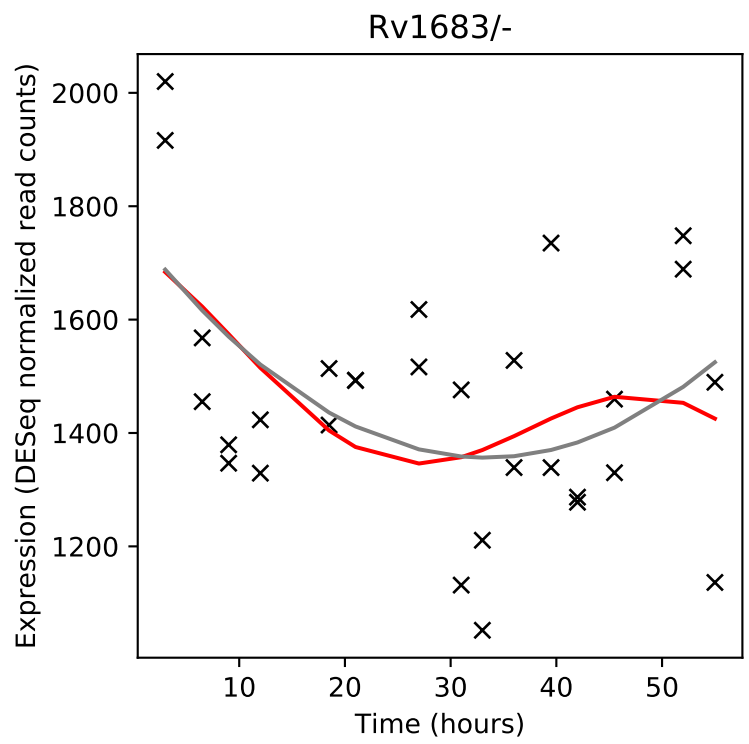

Rv1678/-
Expression (DESeq normalized read counts)
Time (hours)

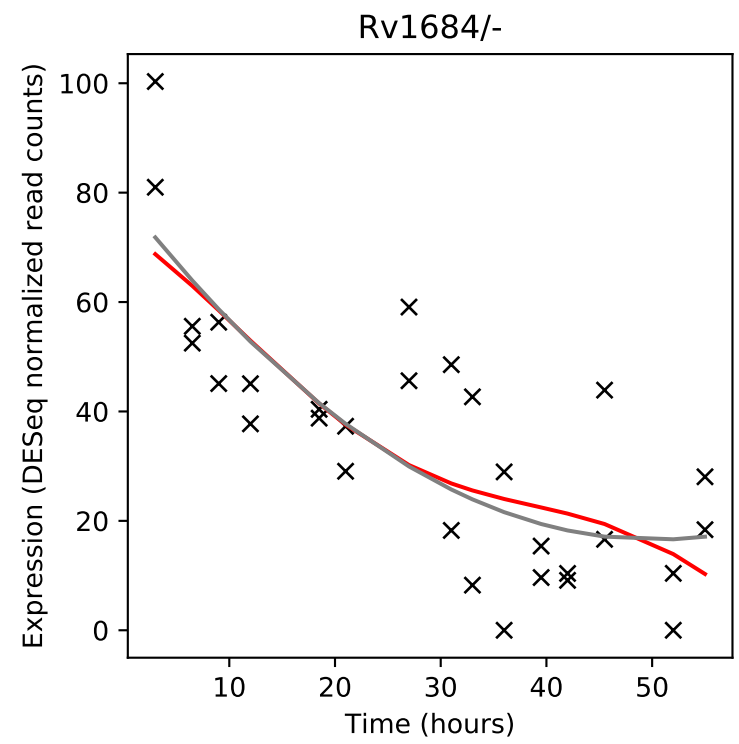

Rv1679/fadE16
Expression (DESeq normalized read counts)
Time (hours)

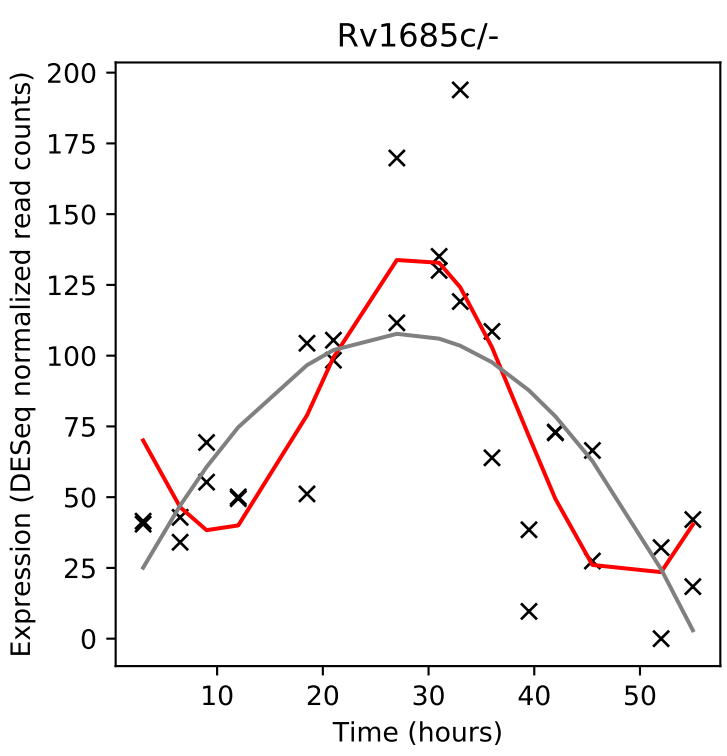

Rv1680/-
Expression (DESeq normalized read counts)
Time (hours)

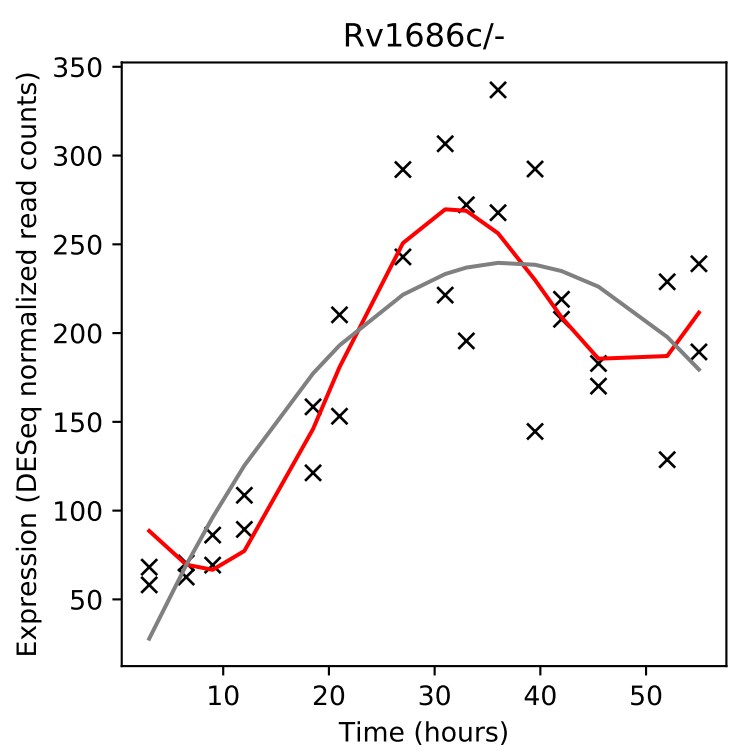

Rv1681/moeX
Expression (DESeq normalized read counts)
Time (hours)

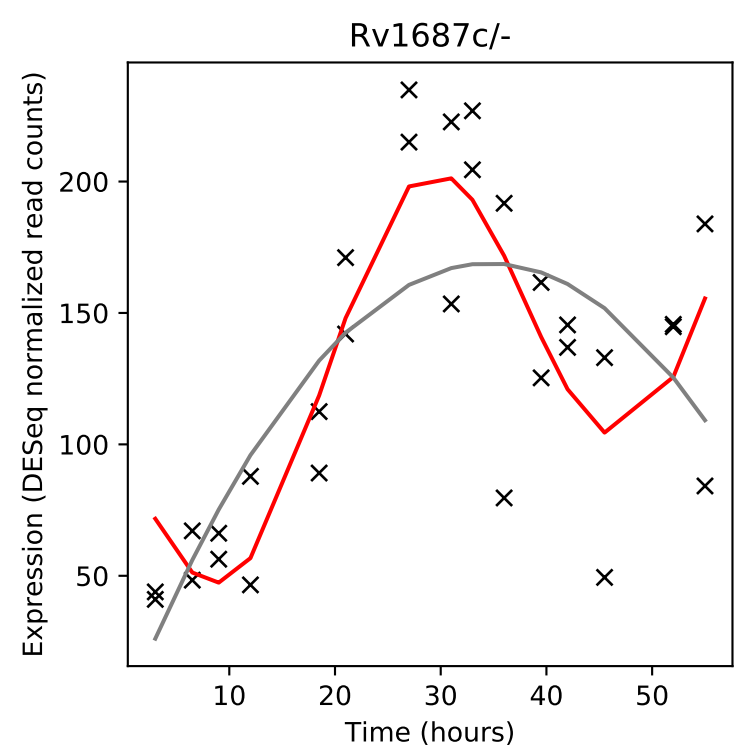

Rv1682/-
Expression (DESeq normalized read counts)
Time (hours)

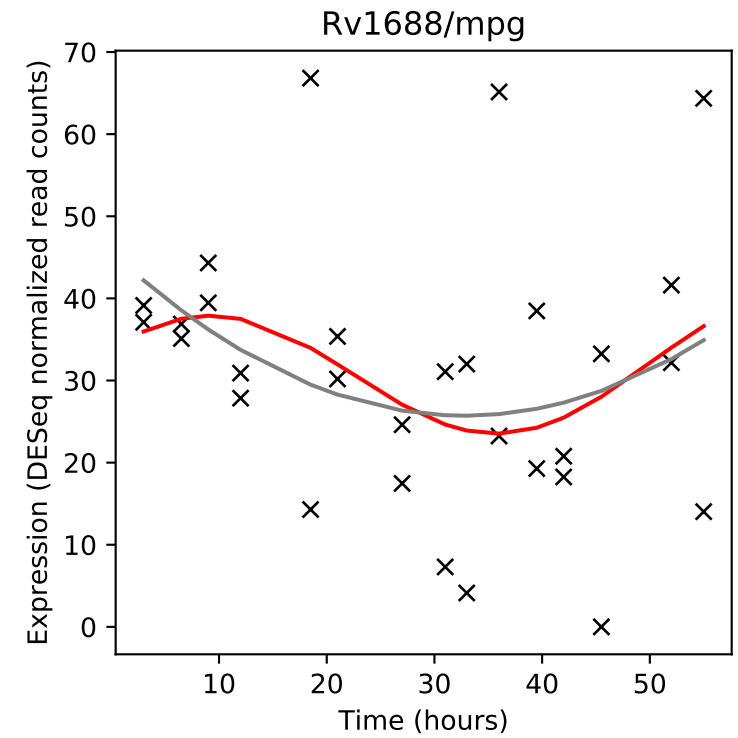

Rv1683/-
Expression (DESeq normalized read counts)
Time (hours)

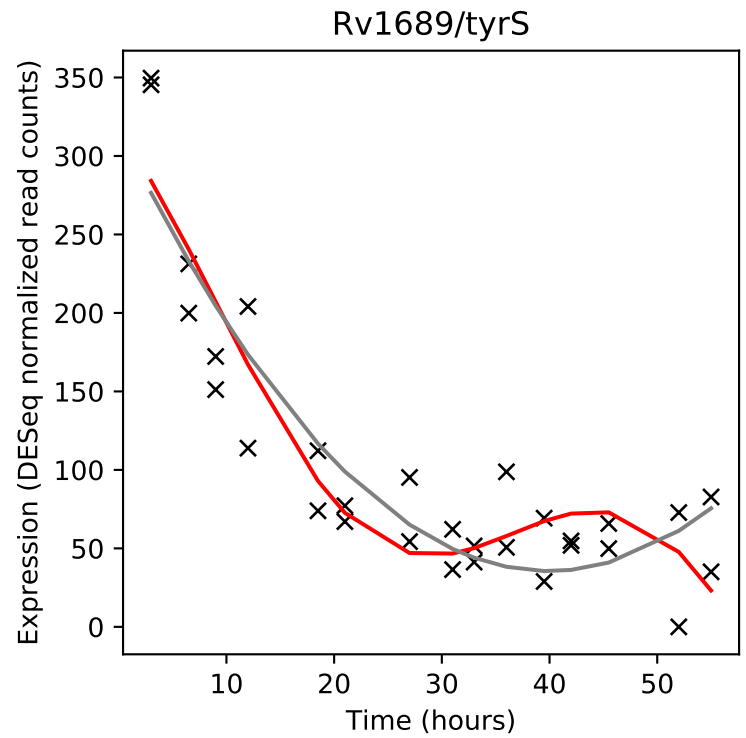

Rv1684/-
Expression (DESeq normalized read counts)
Time (hours)

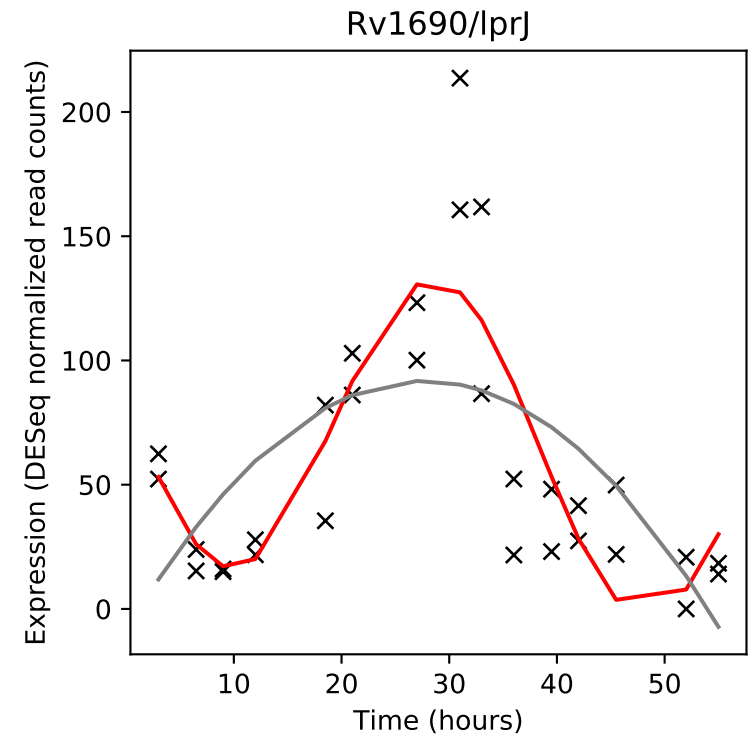

Rv1685c/-
Expression (DESeq normalized read counts)
Time (hours)

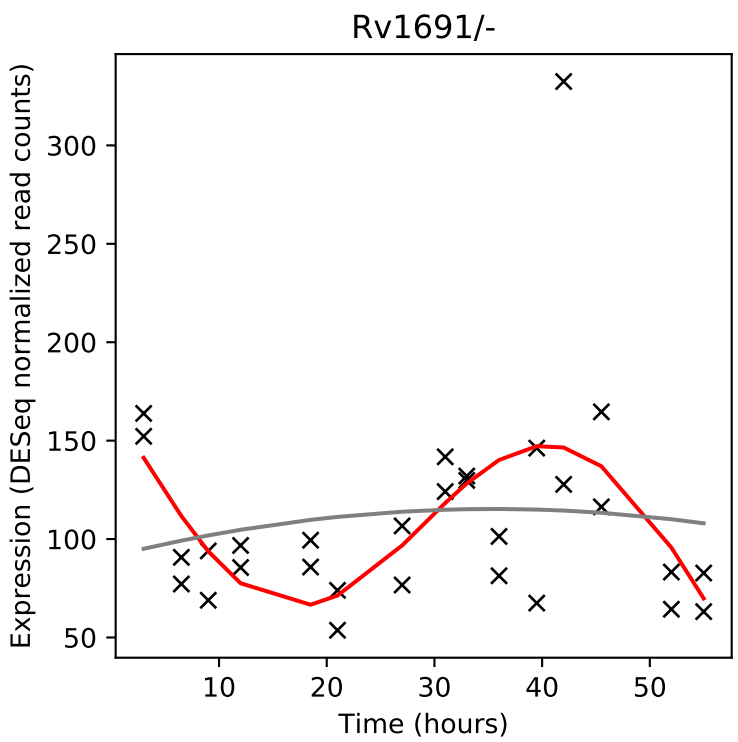

Rv1686c/-
Expression (DESeq normalized read counts)
Time (hours)

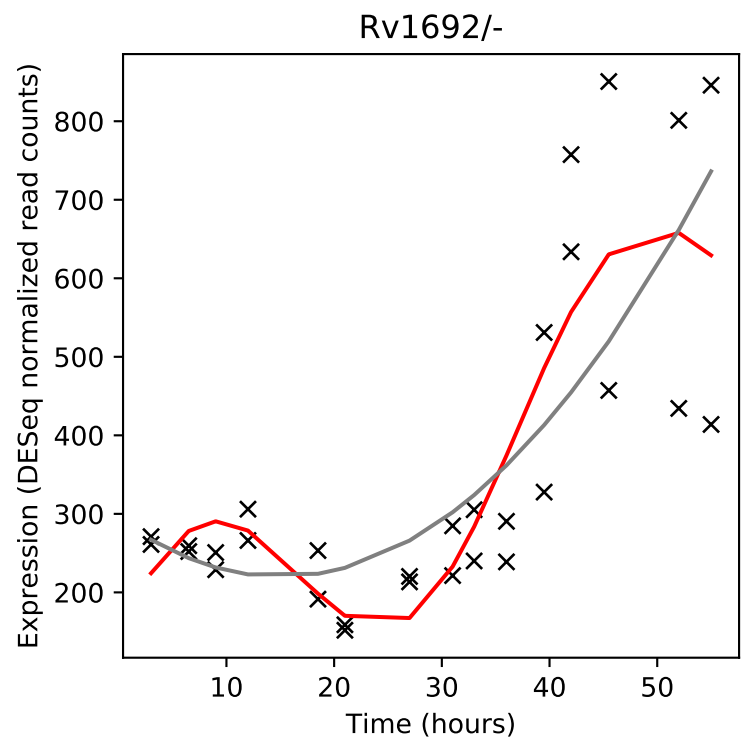

Rv1687c/-
Expression (DESeq normalized read counts)
Time (hours)

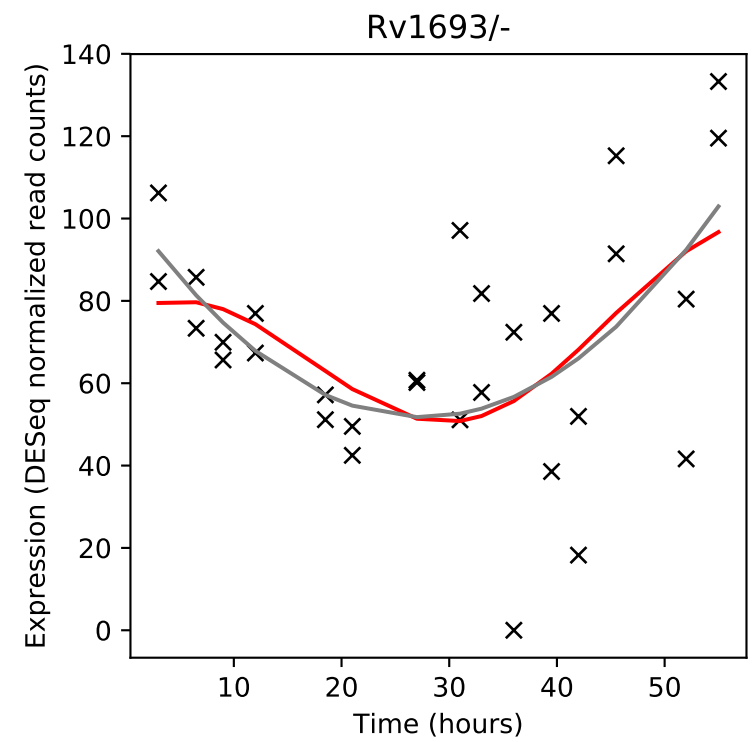

Rv1688/mpg
Expression (DESeq normalized read counts)
Time (hours)

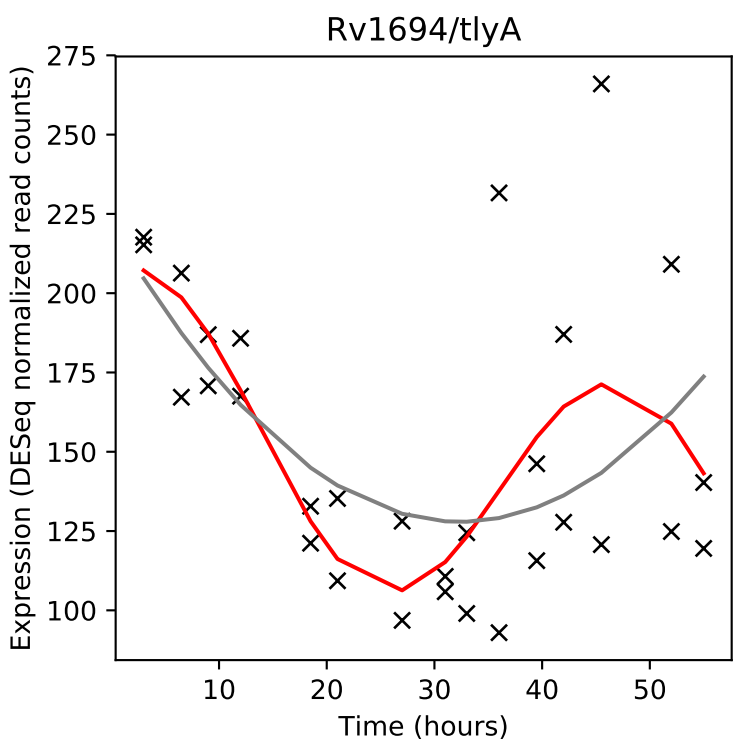

Rv1689/tyrS
Expression (DESeq normalized read counts)
Time (hours)

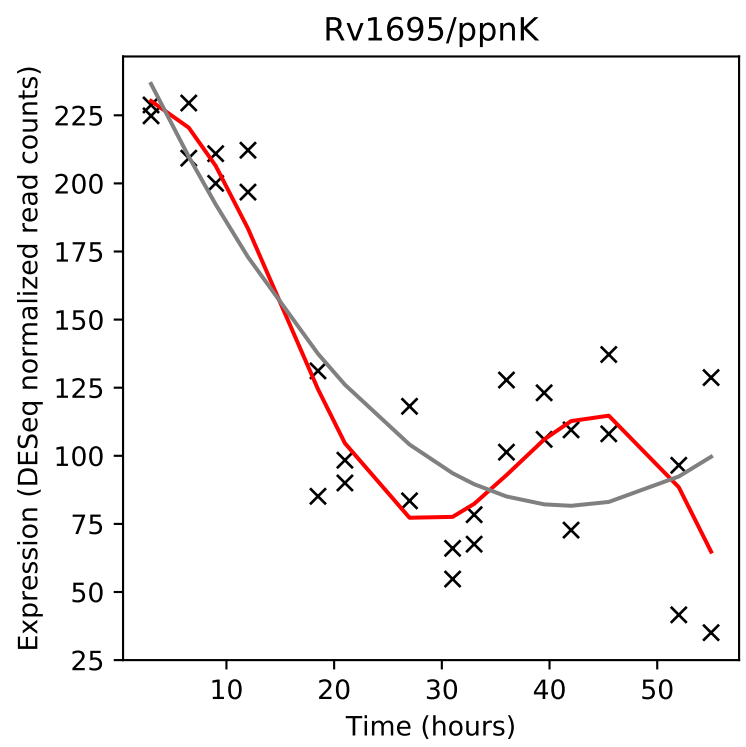

Rv1690/lprJ
Expression (DESeq normalized read counts)
Time (hours)

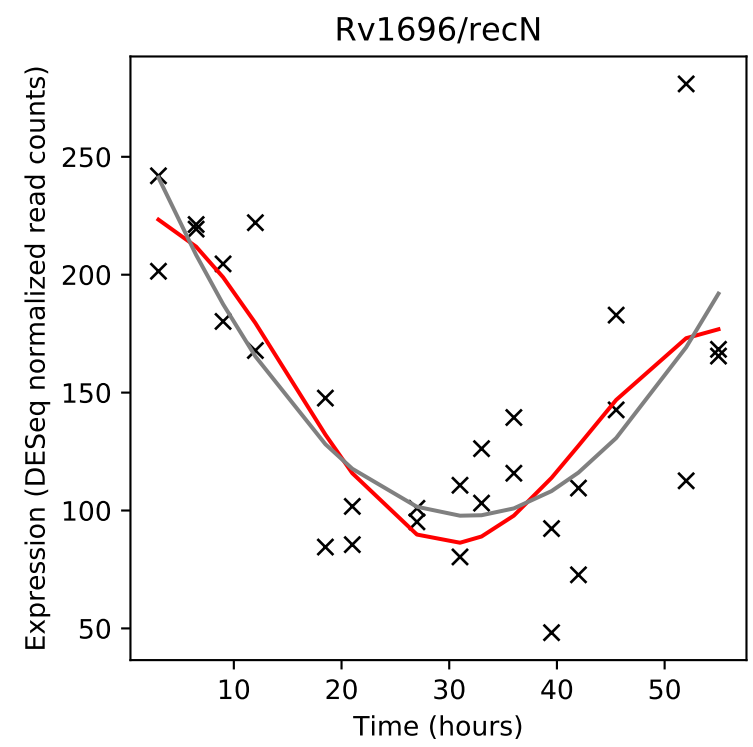

Rv1691/-
Expression (DESeq normalized read counts)
Time (hours)

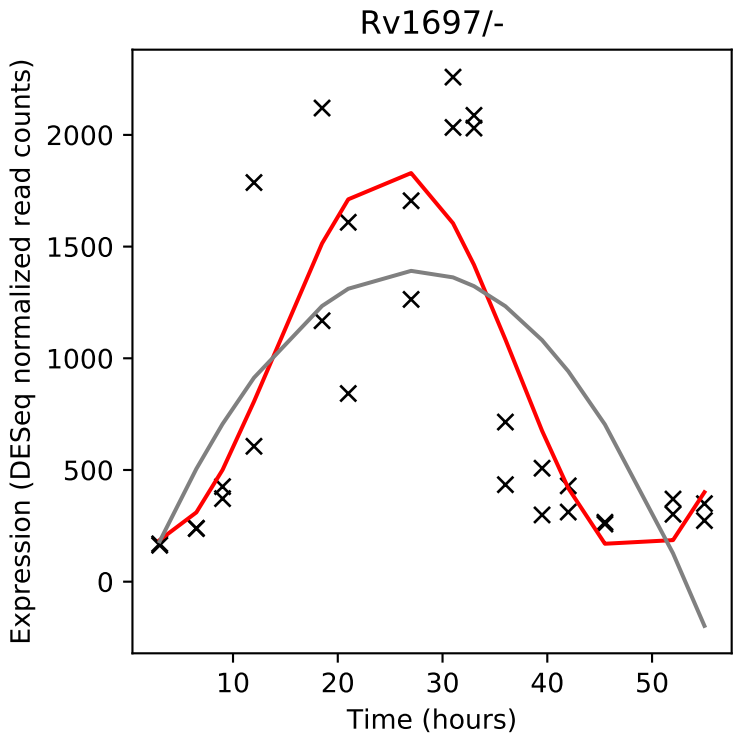

Rv1692/-
Expression (DESeq normalized read counts)
Time (hours)

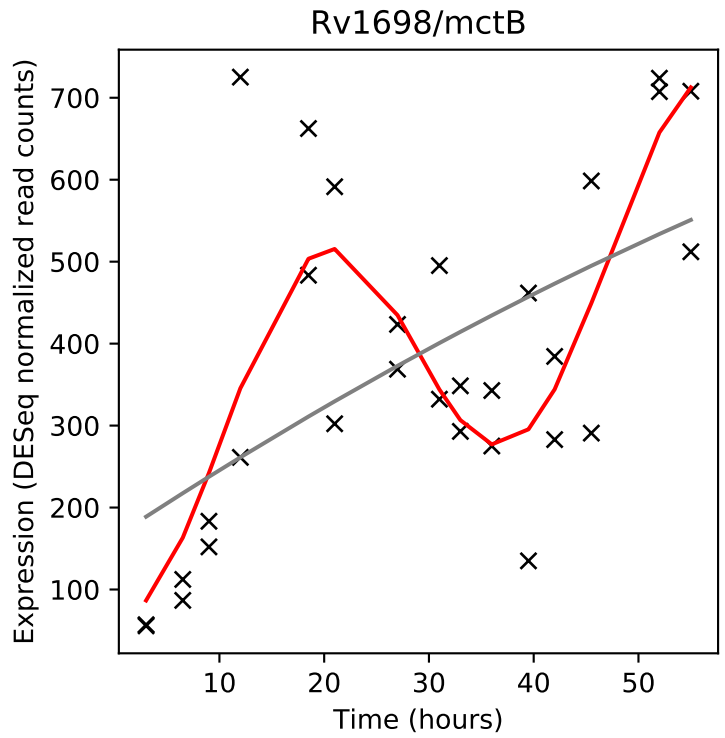

Rv1693/-
Expression (DESeq normalized read counts)
Time (hours)

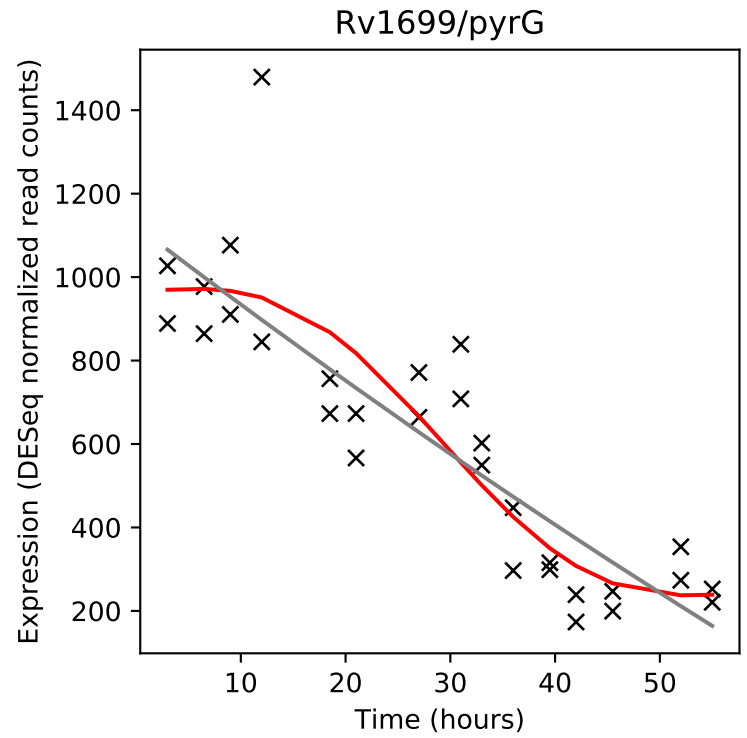

Rv1694/tlyA
Expression (DESeq normalized read counts)
Time (hours)

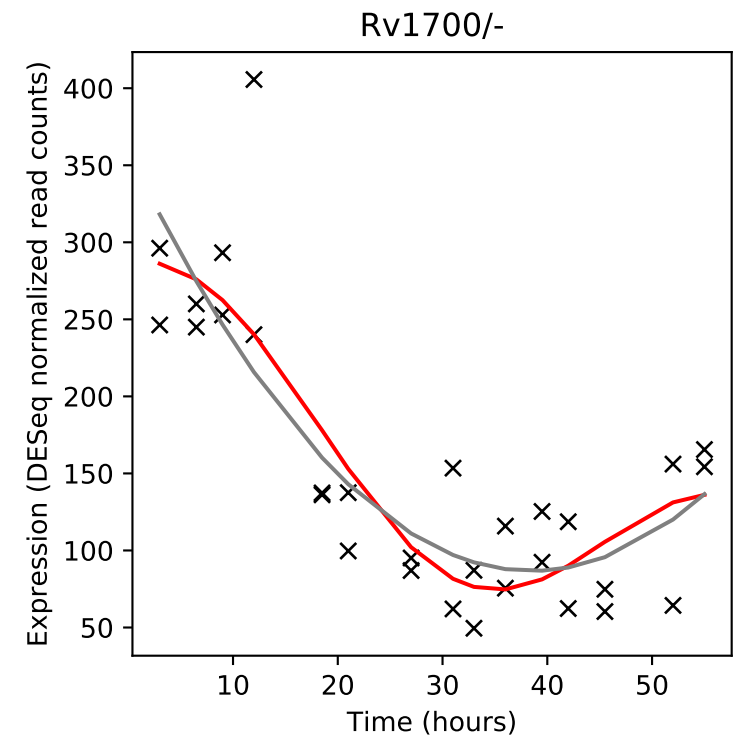

Rv1695/ppnK
Expression (DESeq normalized read counts)
Time (hours)

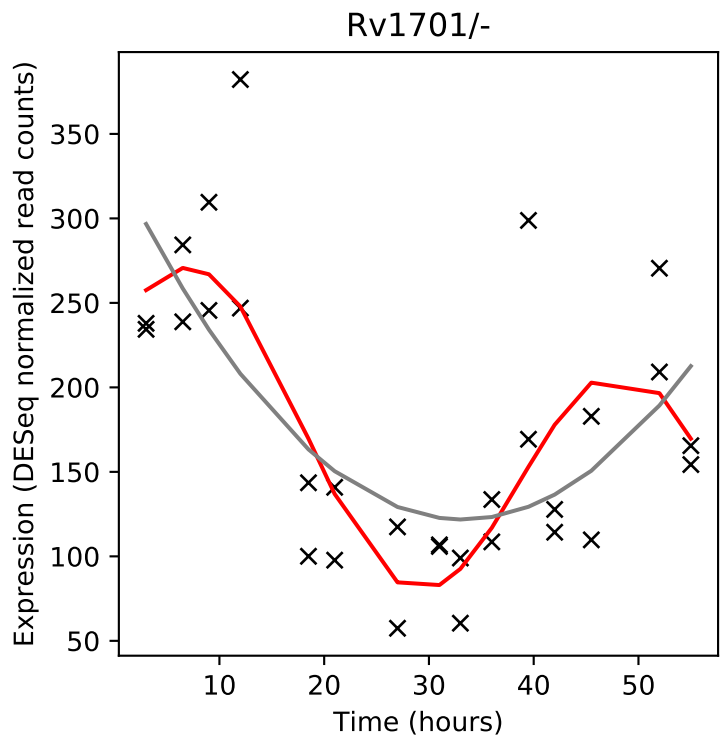

Rv1696/recN
Expression (DESeq normalized read counts)
Time (hours)

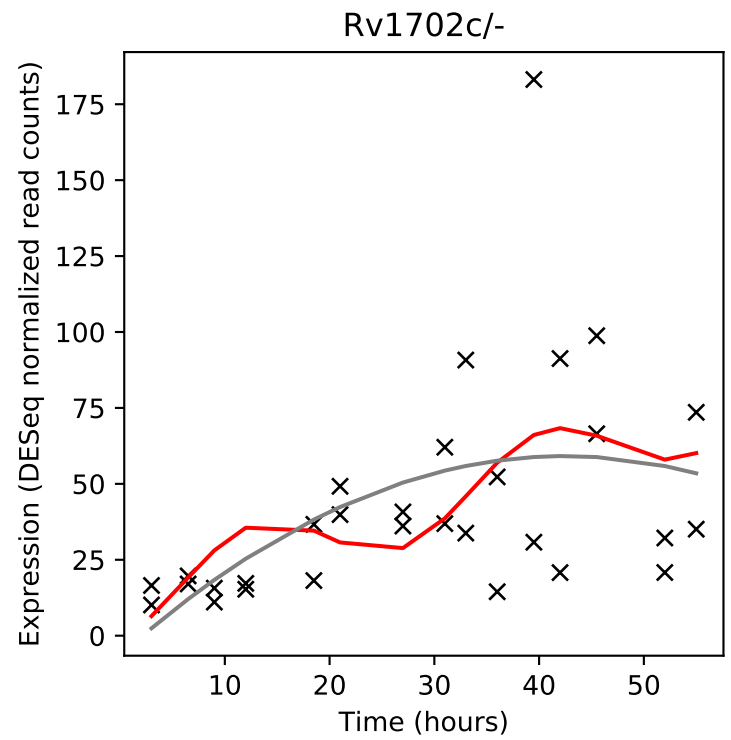

Rv1697/-
Expression (DESeq normalized read counts)
Time (hours)

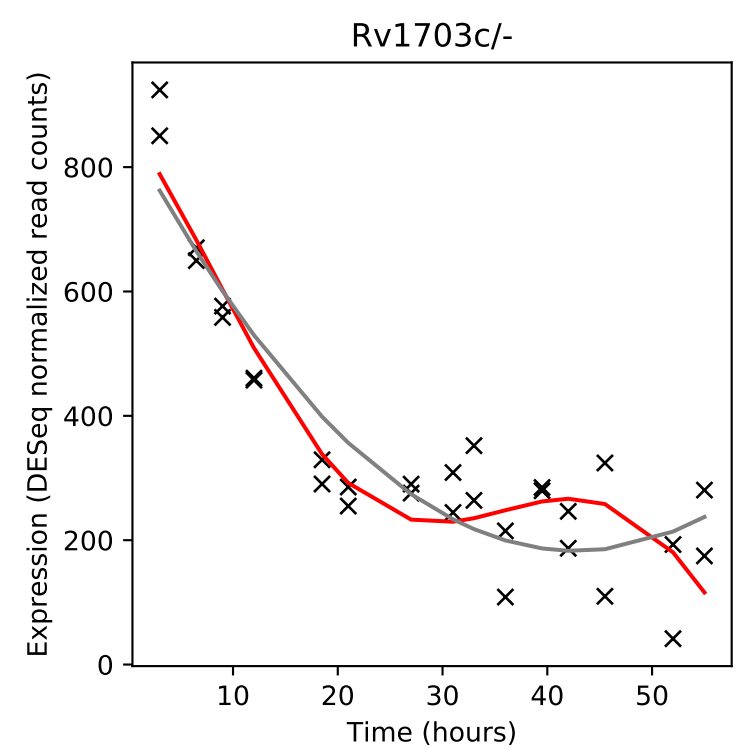

Rv1698/mctB
Expression (DESeq normalized read counts)
Time (hours)

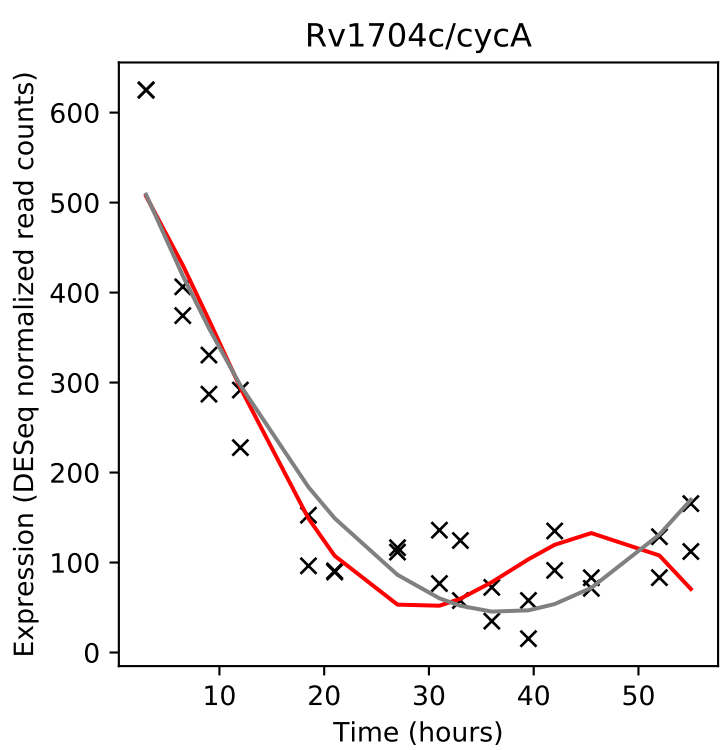

Rv1699/pyrG
Expression (DESeq normalized read counts)
Time (hours)

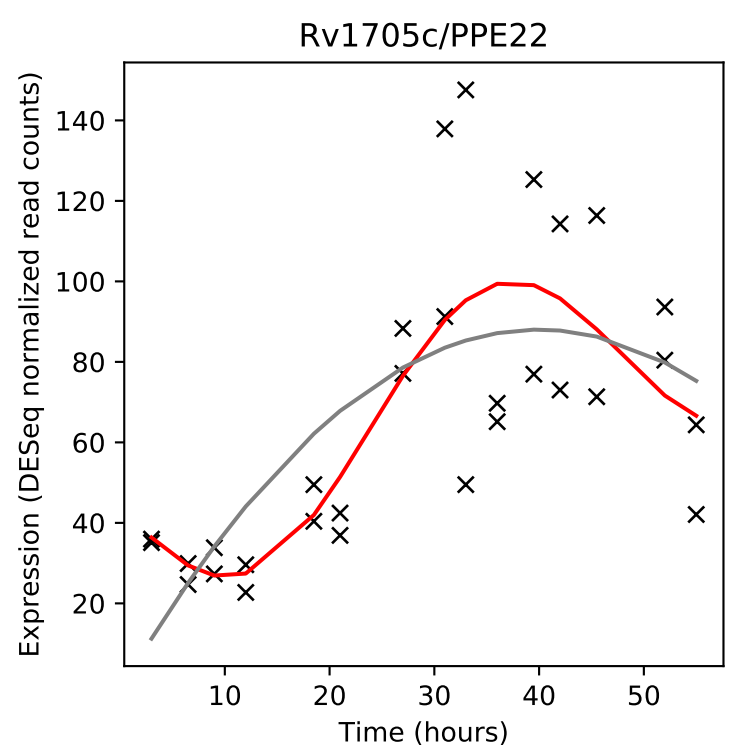

Rv1700/-
Expression (DESeq normalized read counts)
Time (hours)

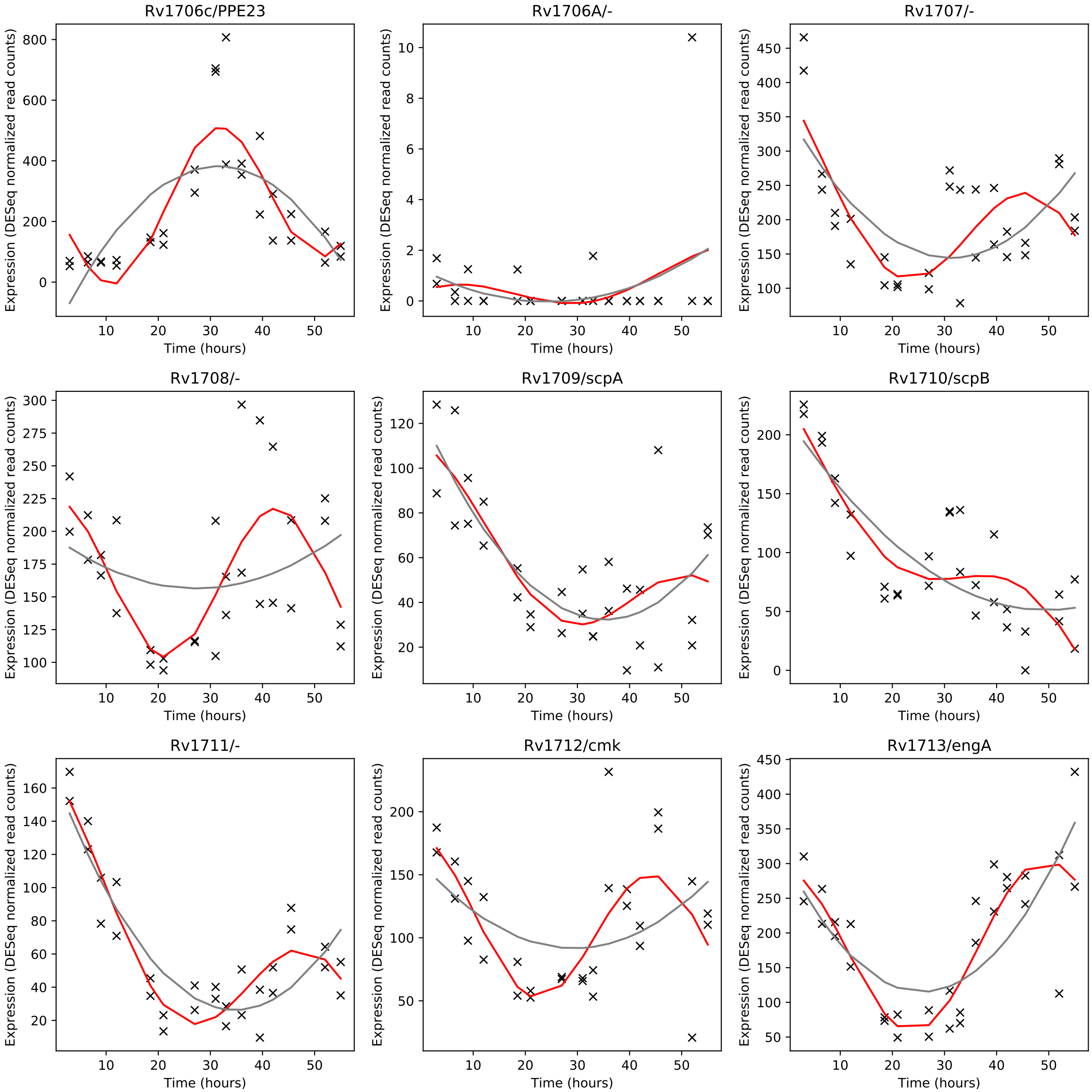

Rv1701/-
Expression (DESeq normalized read counts)
Time (hours)

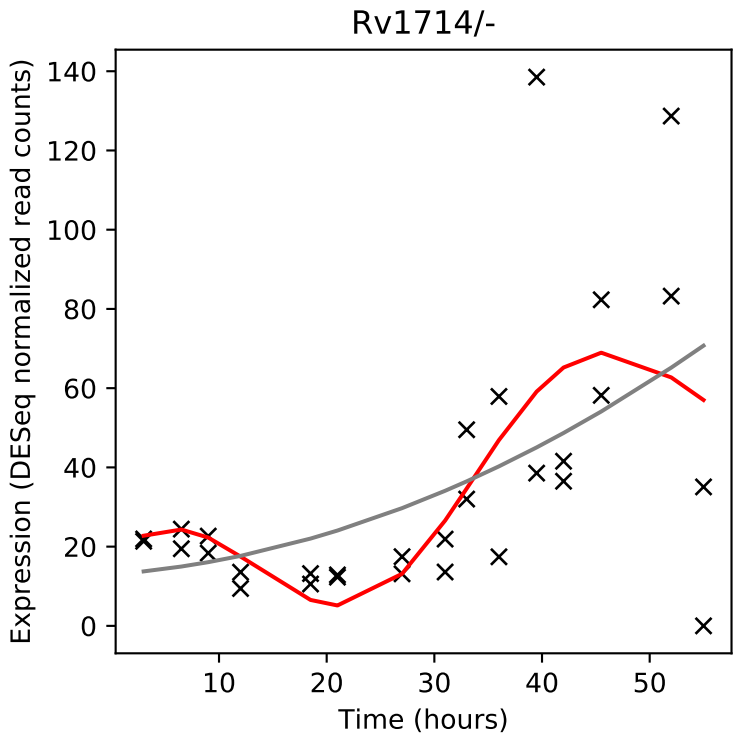

Rv1702c/-
Expression (DESeq normalized read counts)
Time (hours)

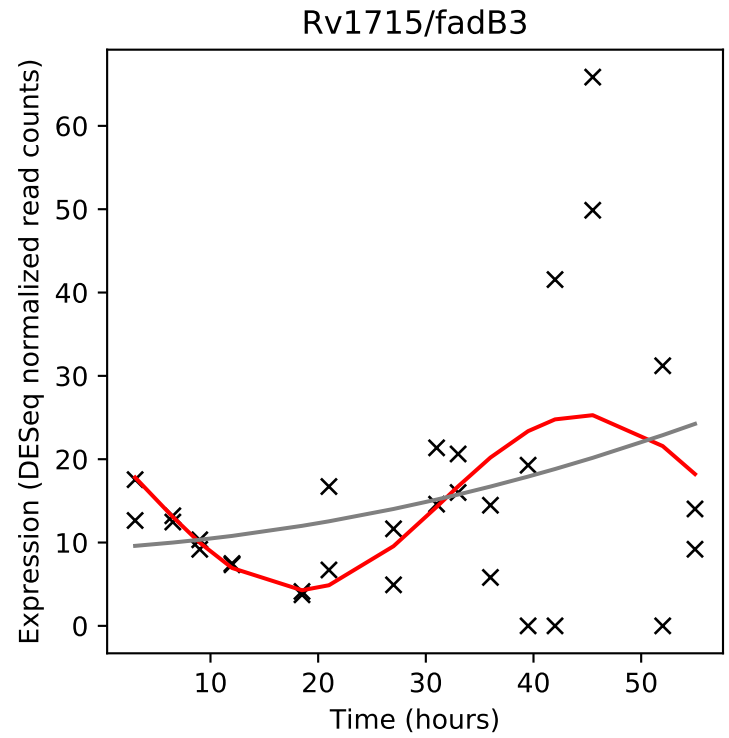

Rv1703c/-
Expression (DESeq normalized read counts)
Time (hours)

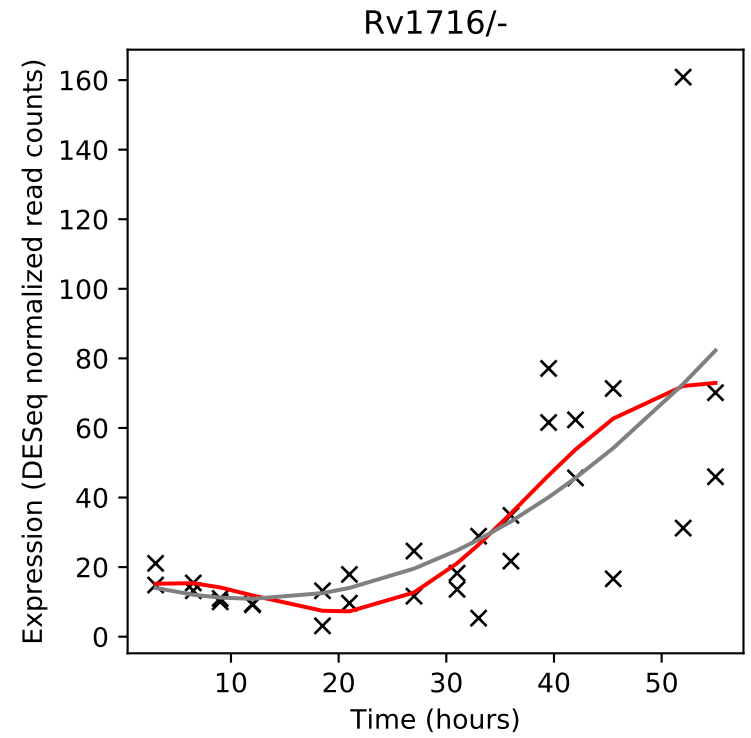

Rv1704c/cycA
Expression (DESeq normalized read counts)
Time (hours)

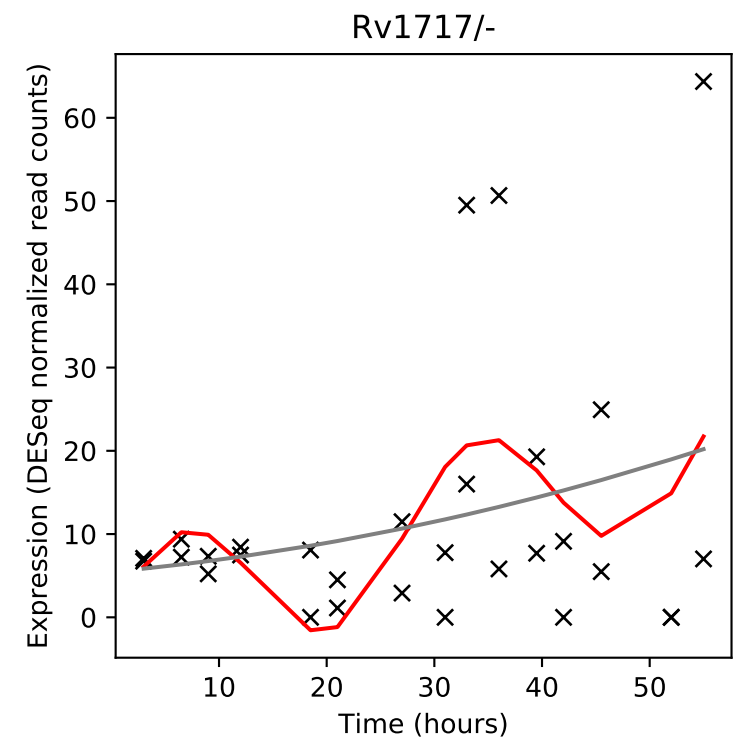

Rv1705c/PPE22
Expression (DESeq normalized read counts)
Time (hours)

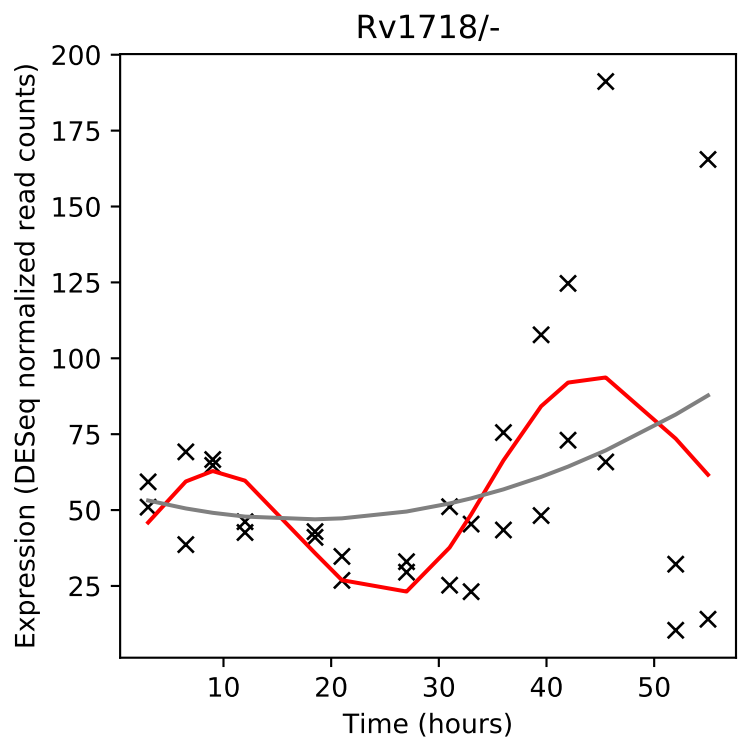

Rv1706c/PPE23
Rv1706A/-
Rv1707/-
Rv1708/-
Rv1709/scpA
Rv1710/scpB
Rv1711/-
Rv1712/cmk
Rv1713/engA
Expression (DESeq normalized read counts)
Time (hours)

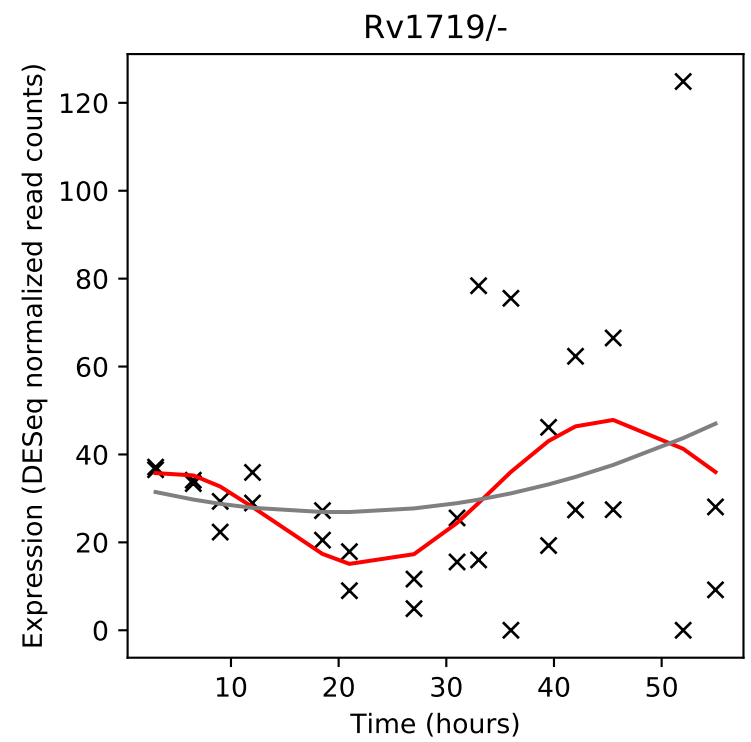

Rv1714/-
Expression (DESeq normalized read counts)
Time (hours)

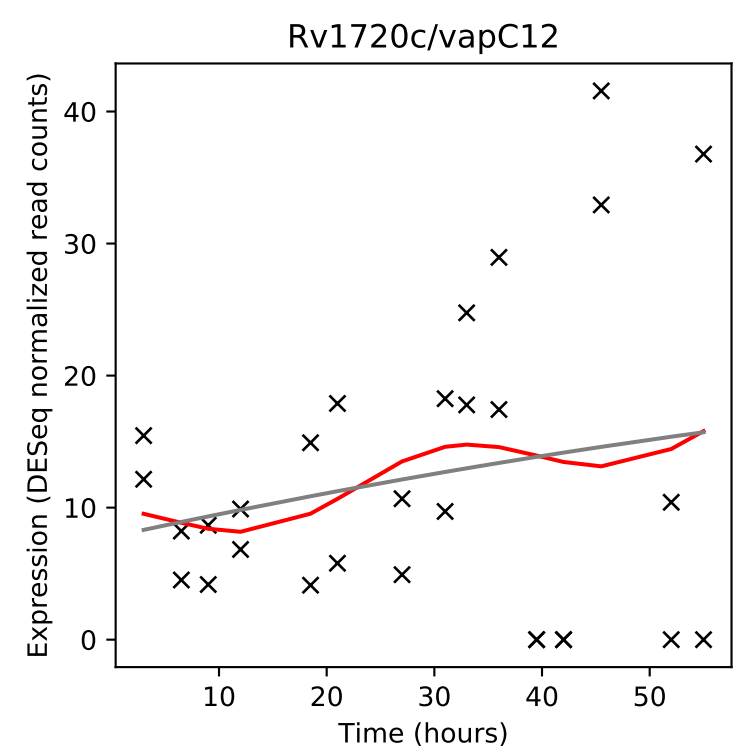

Rv1715/fadB3
Expression (DESeq normalized read counts)
Time (hours)

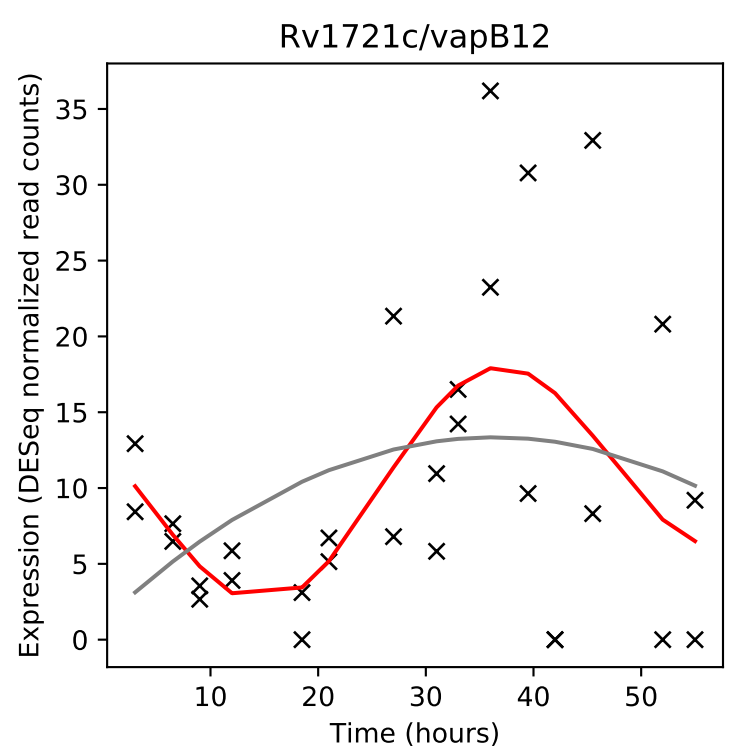

Rv1716/-
Expression (DESeq normalized read counts)
Time (hours)

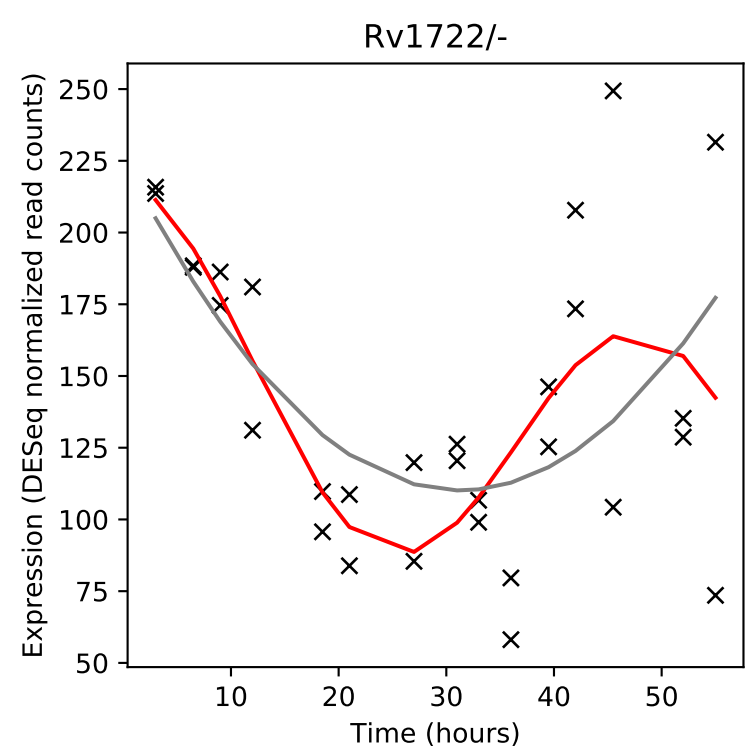

Rv1717/-
Expression (DESeq normalized read counts)
Time (hours)

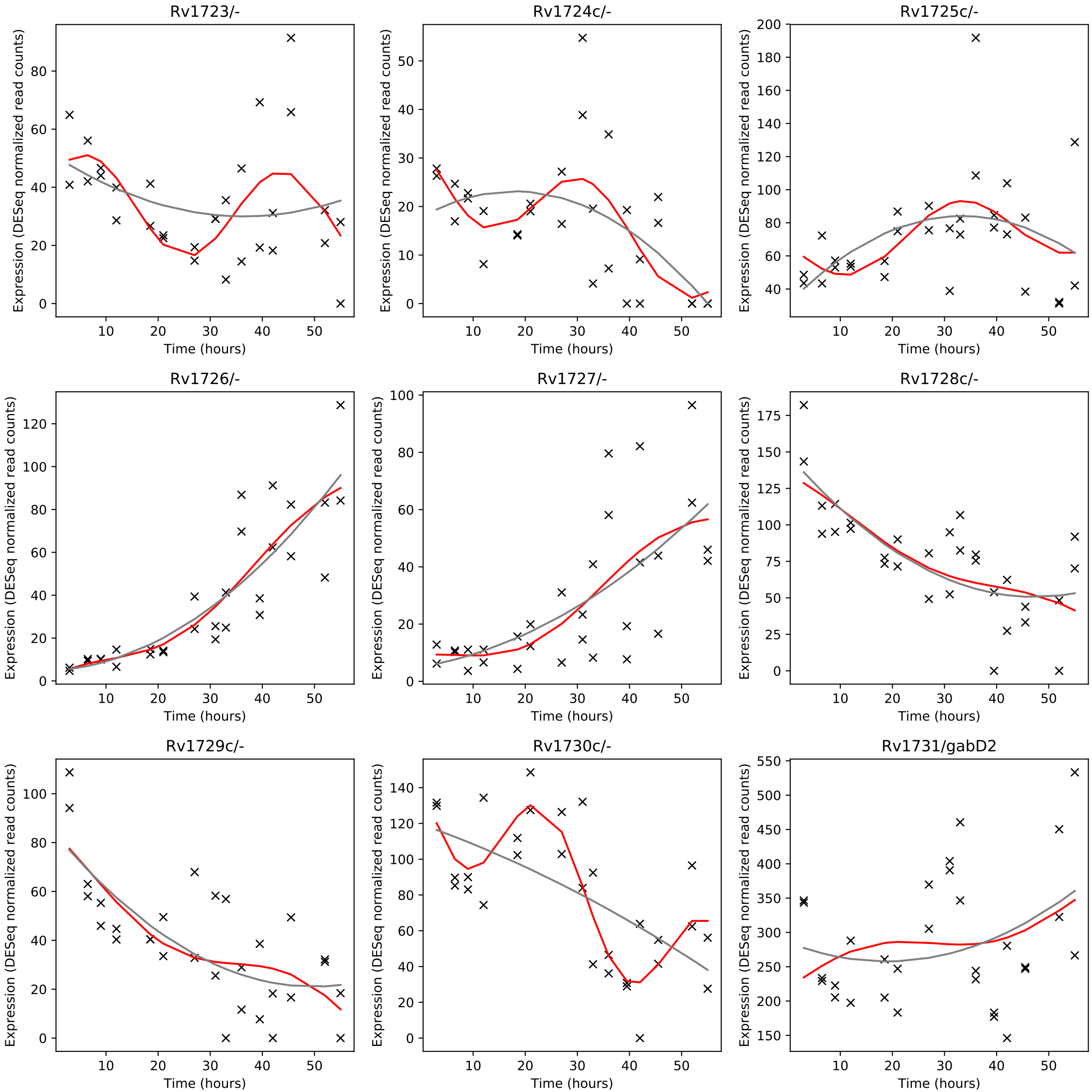

Rv1718/-
Expression (DESeq normalized read counts)
Time (hours)

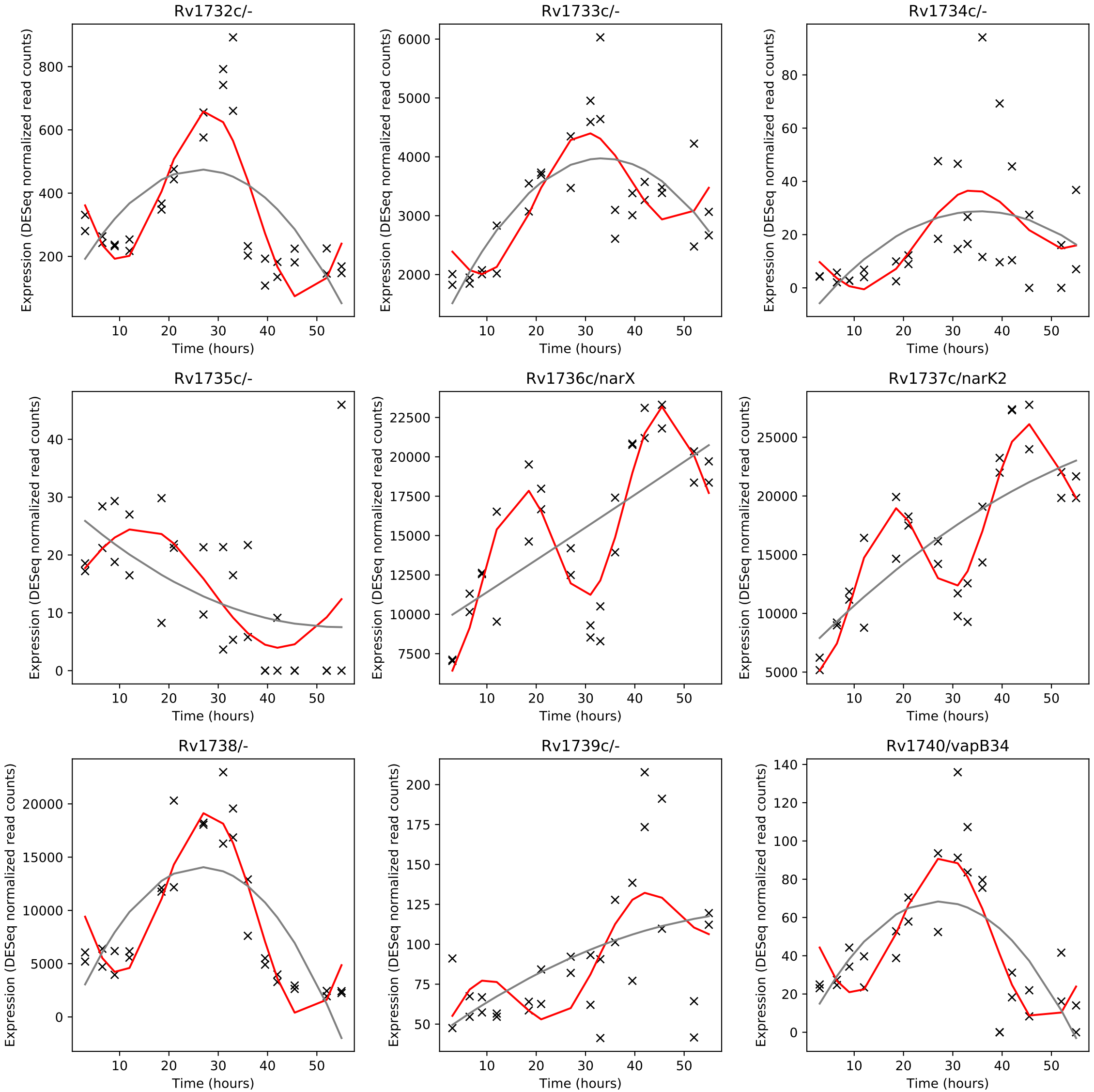

Rv1719/-
Expression (DESeq normalized read counts)
Time (hours)

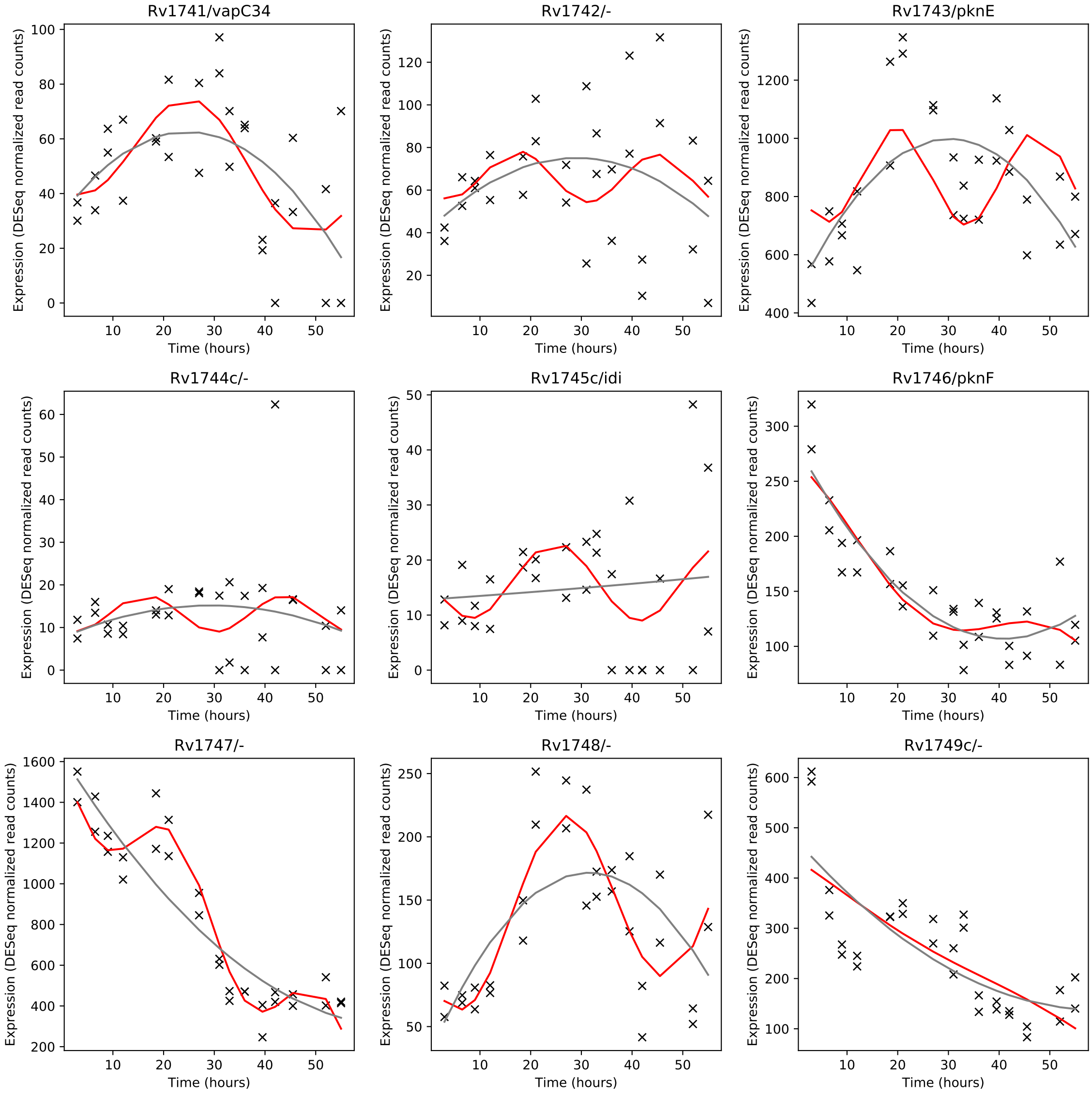

Rv1720c/vapC12
Expression (DESeq normalized read counts)
Time (hours)

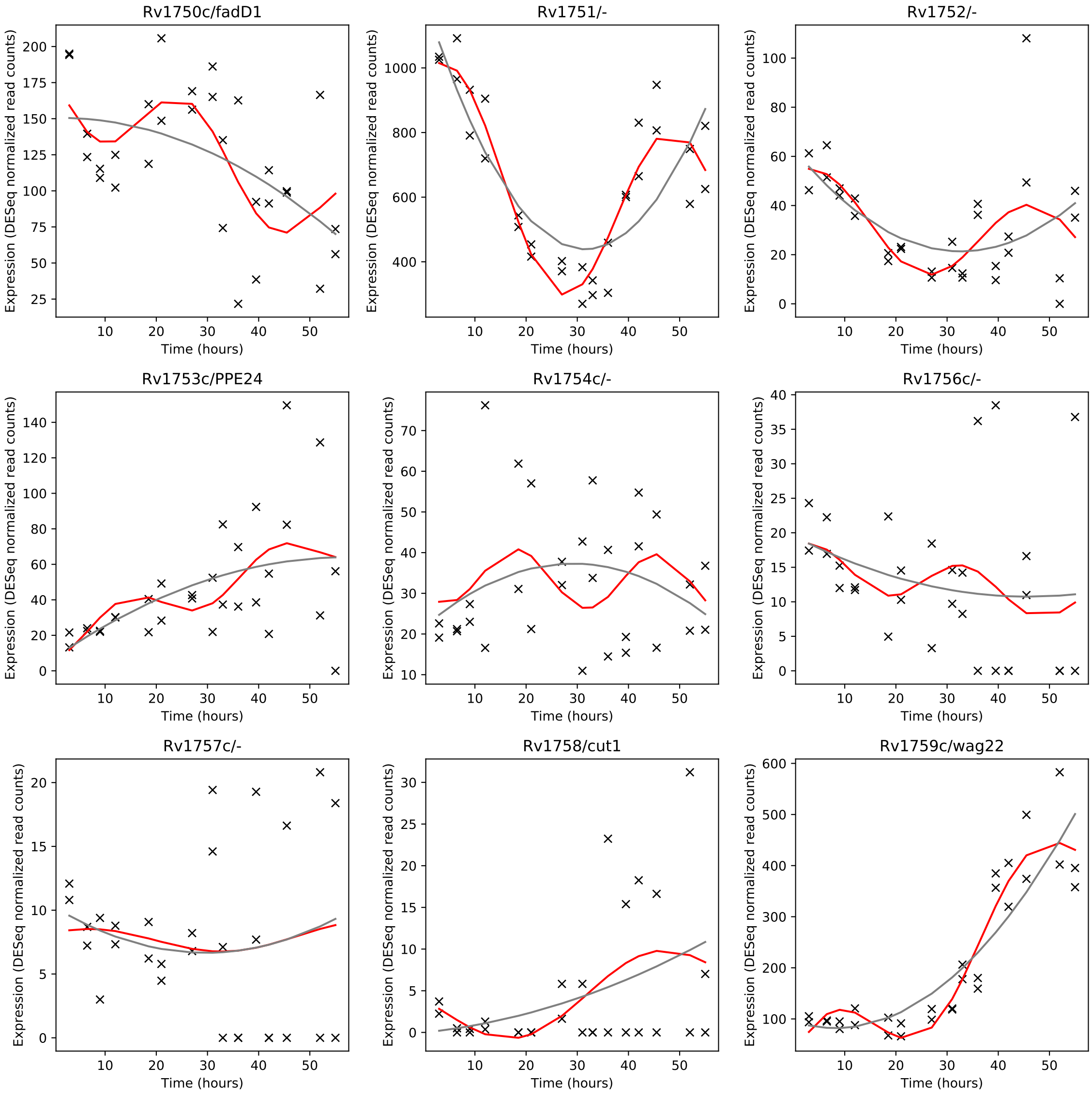

Rv1721c/vapB12
Expression (DESeq normalized read counts)
Time (hours)

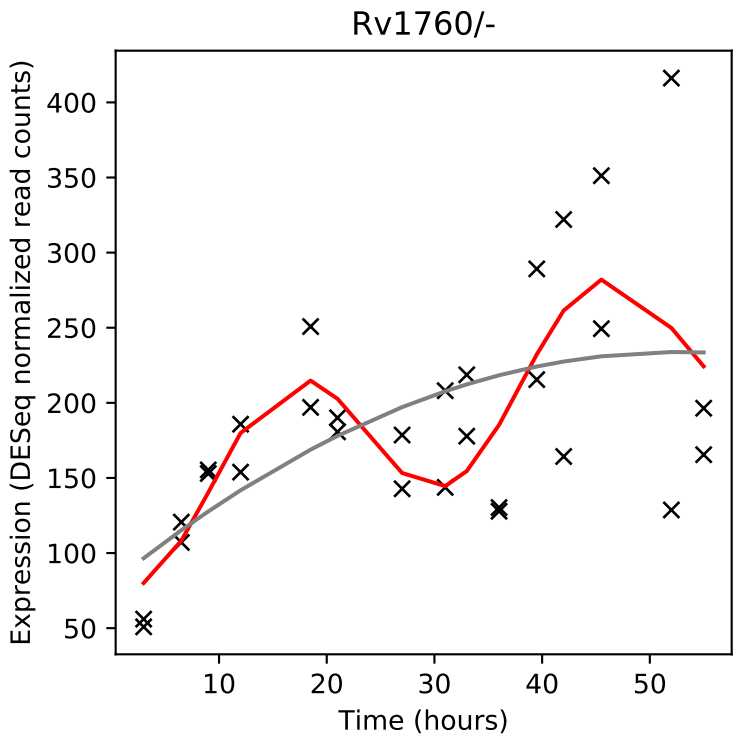

Rv1722/-
Expression (DESeq normalized read counts)
Time (hours)

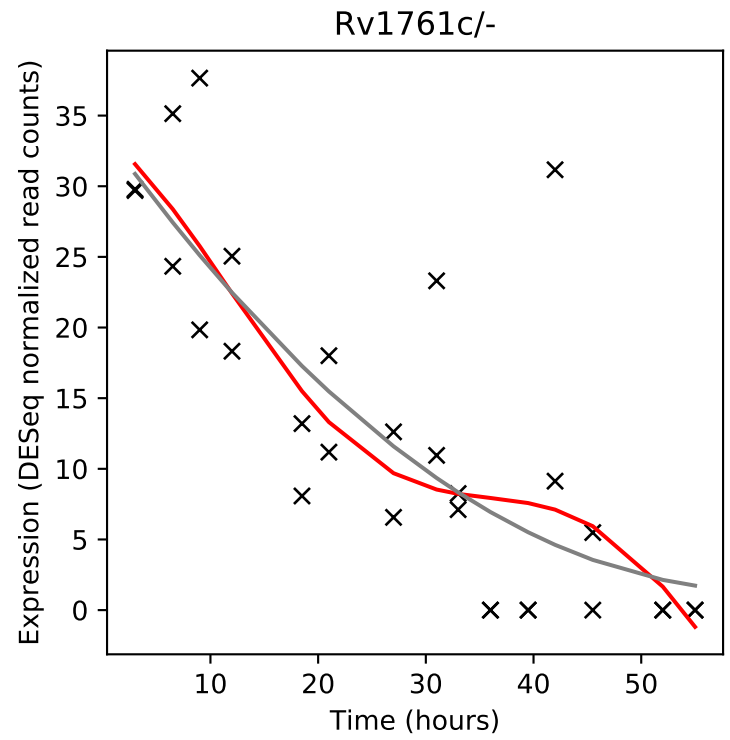

Rv1723/-
Rv1724c/-
Rv1725c/-
Rv1726/-
Rv1727/-
Rv1728c/-
Rv1729c/-
Rv1730c/-
Rv1731/gabD2
Expression (DESeq normalized read counts)
Time (hours)

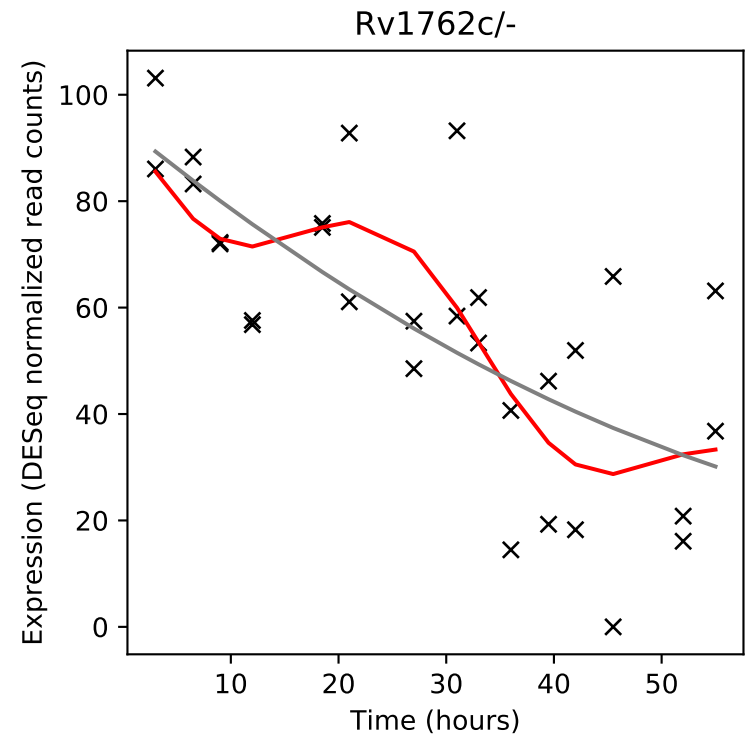

Rv1732c/-
Rv1733c/-
Rv1734c/-
Rv1735c/-
Rv1736c/narX
Rv1737c/narK2
Rv1738/-
Rv1739c/-
Rv1740/vapB34
Expression (DESeq normalized read counts)
Time (hours)

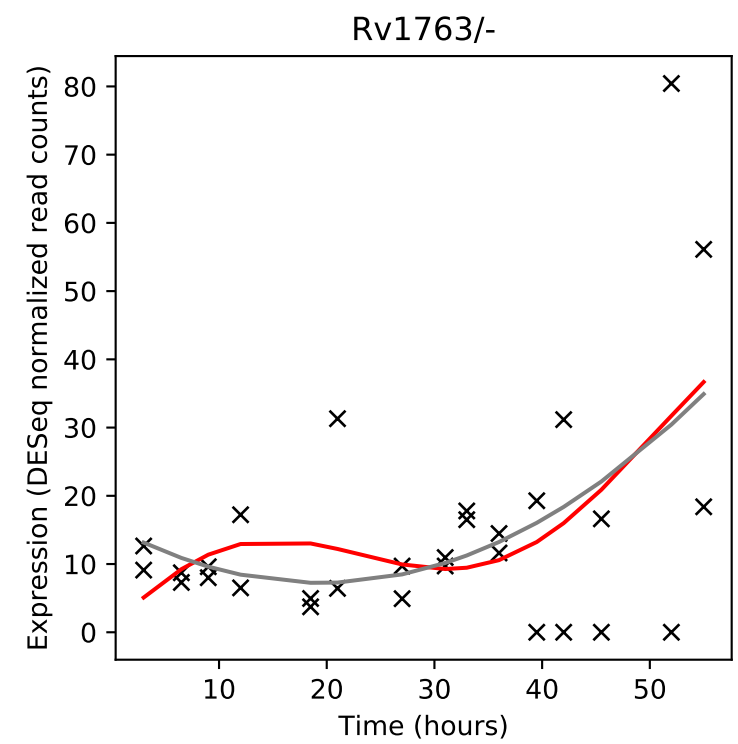

Rv1741/vapC34
Rv1742/-
Rv1743/pknE
Rv1744c/-
Rv1745c/idi
Rv1746/pknF
Rv1747/-
Rv1748/-
Rv1749c/-
Expression (DESeq normalized read counts)
Time (hours)

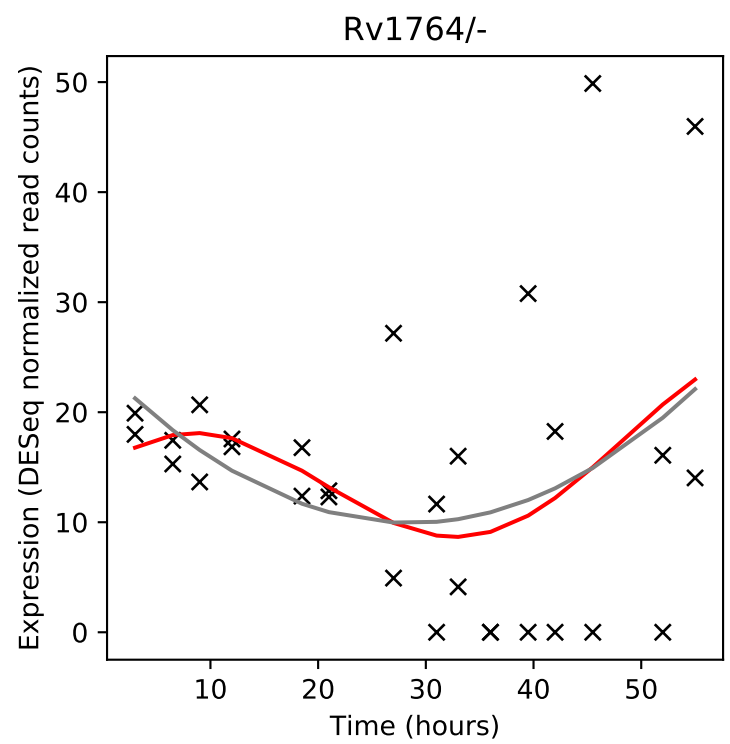

Rv1750c/fadD1
Rv1751/-
Rv1752/-
Rv1753c/PPE24
Rv1754c/-
Rv1756c/-
Rv1757c/-
Rv1758/cut1
Rv1759c/wag22
Expression (DESeq normalized read counts)
Time (hours)

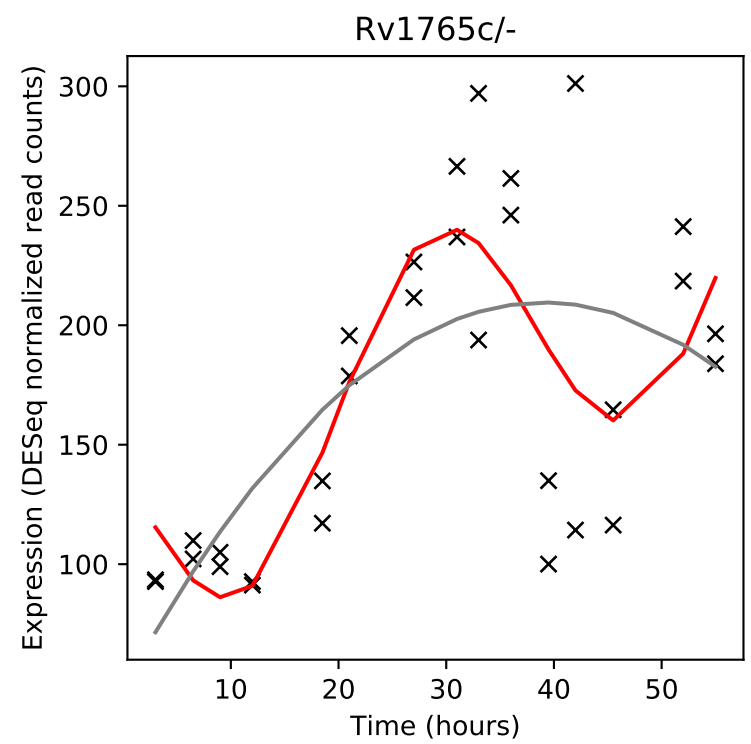

Rv1760/-
Expression (DESeq normalized read counts)
Time (hours)

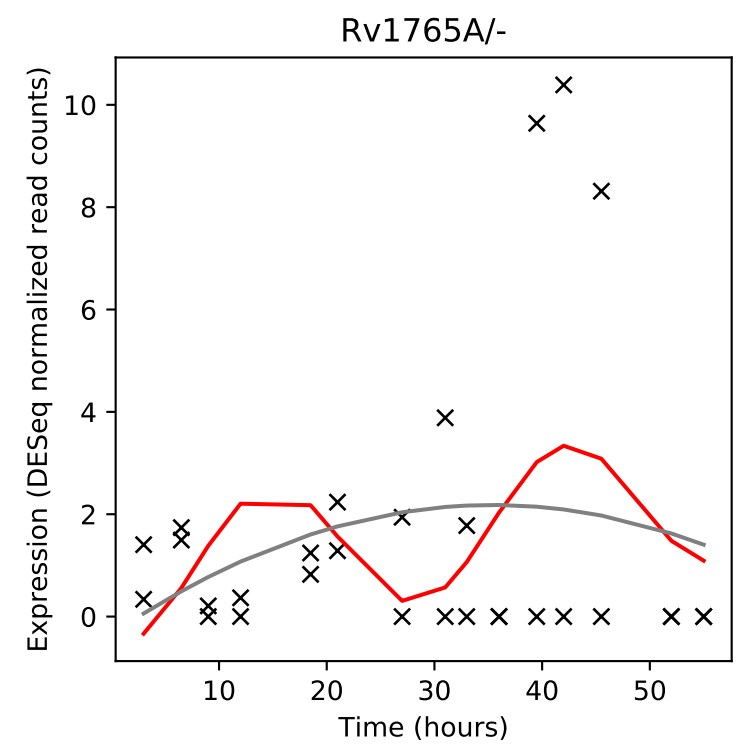

Rv1761c/-
Expression (DESeq normalized read counts)
Time (hours)

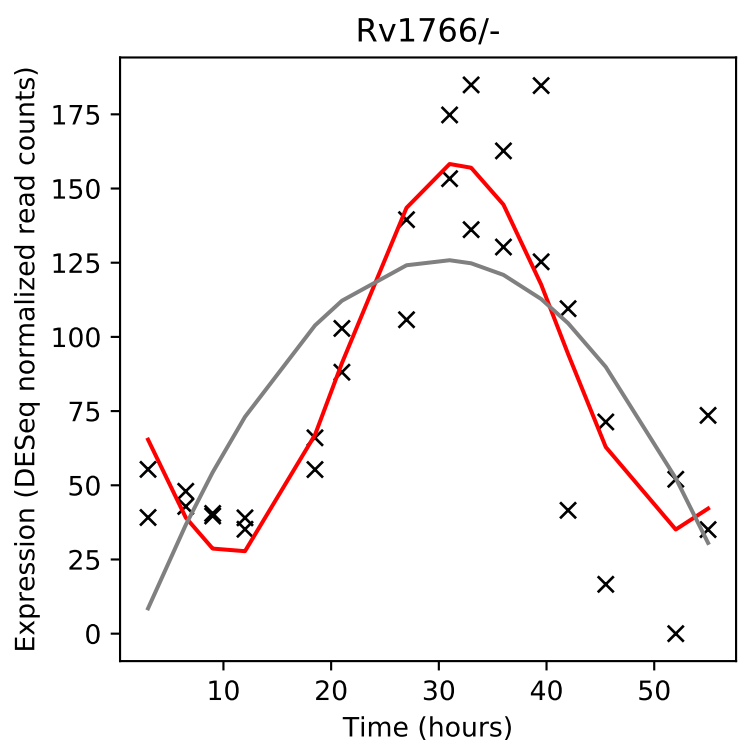

Rv1762c/-
Expression (DESeq normalized read counts)
Time (hours)

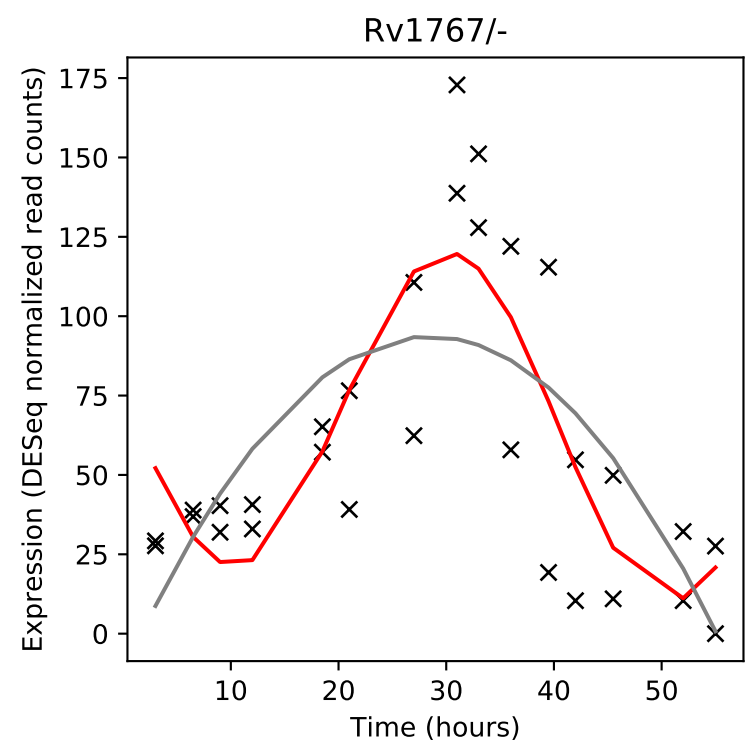

Rv1763/-
Expression (DESeq normalized read counts)
Time (hours)

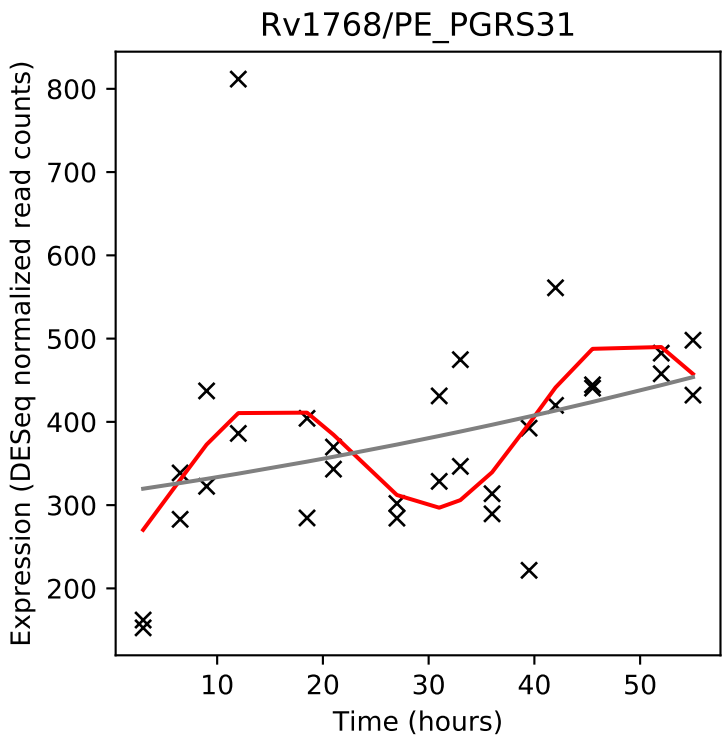

Rv1764/-
Expression (DESeq normalized read counts)
Time (hours)

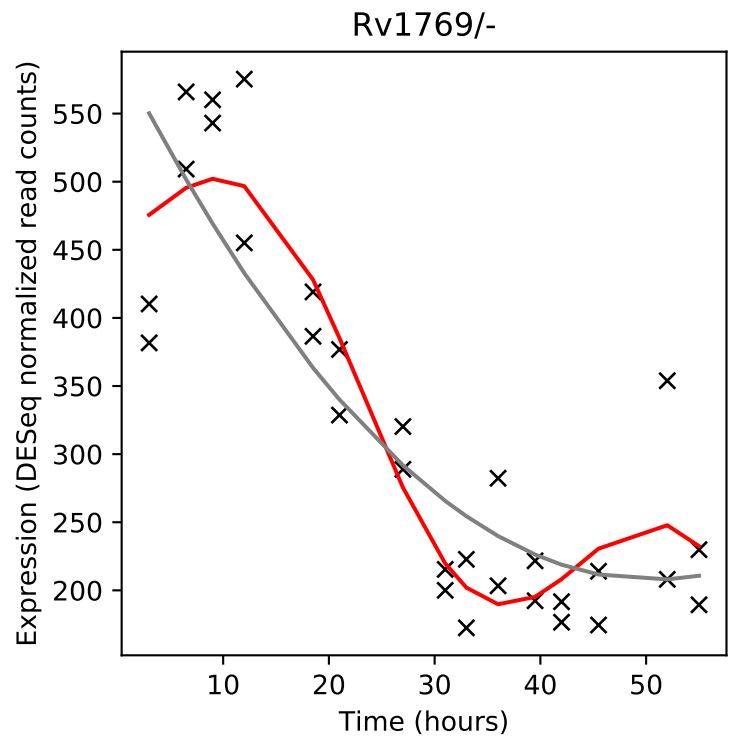

Rv1765c/-
Expression (DESeq normalized read counts)
Time (hours)

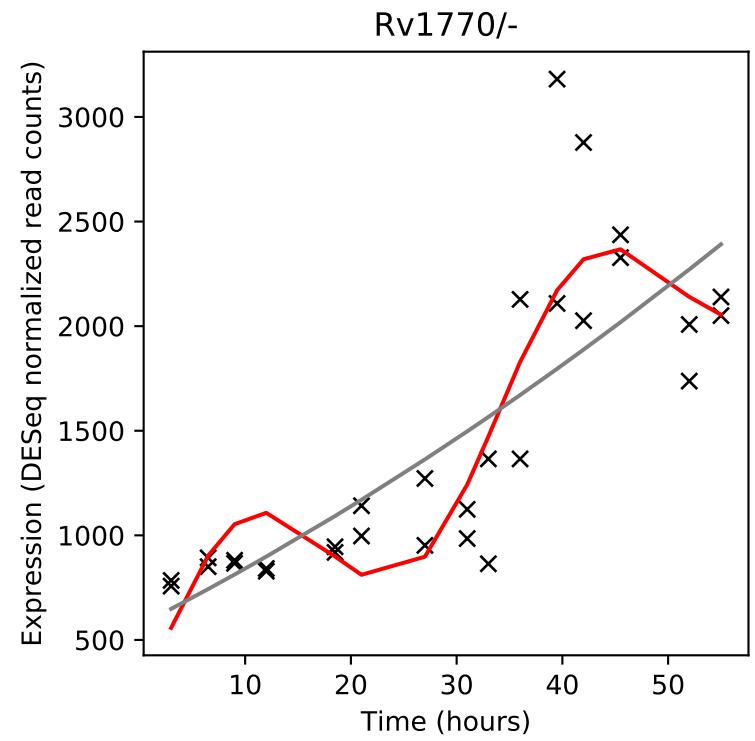

Rv1765A/-
Expression (DESeq normalized read counts)
Time (hours)

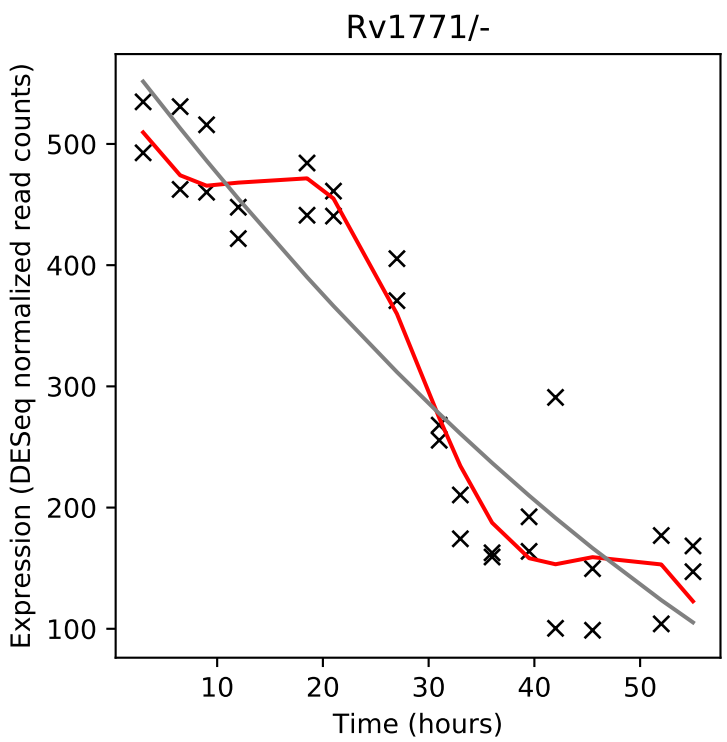

Rv1766/-
Expression (DESeq normalized read counts)
Time (hours)

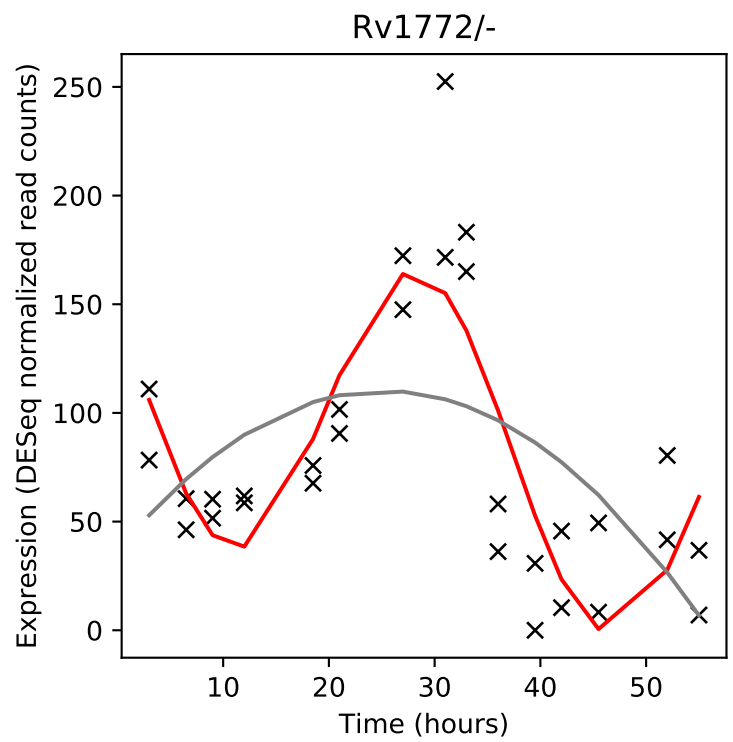

Rv1767/-
Expression (DESeq normalized read counts)
Time (hours)

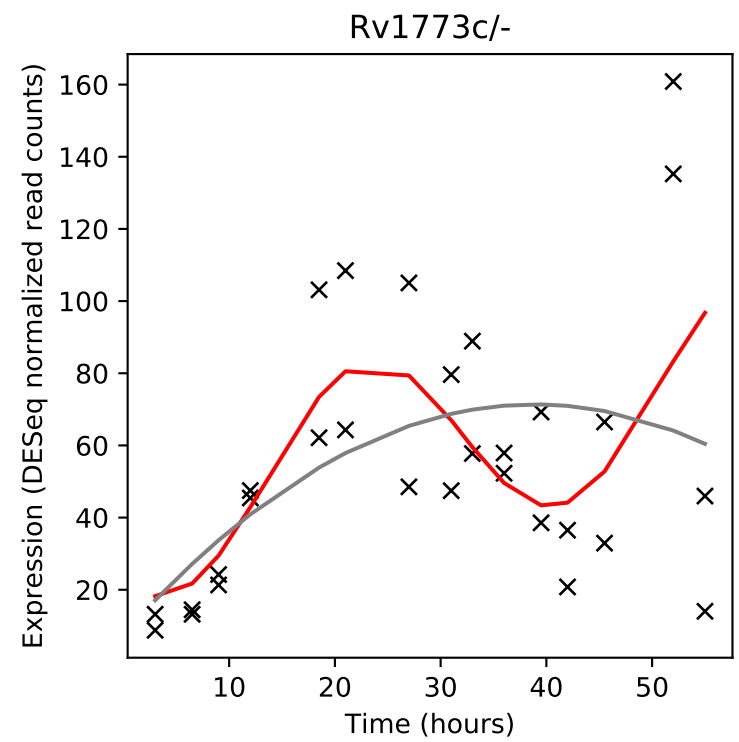

Rv1768/PE_PGRS31
Expression (DESeq normalized read counts)
Time (hours)

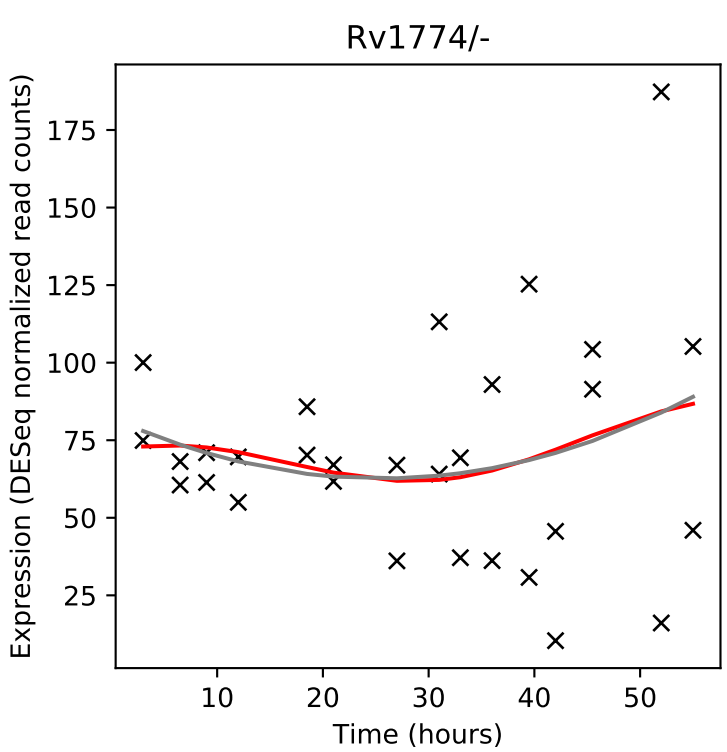

Rv1769/-
Expression (DESeq normalized read counts)
Time (hours)

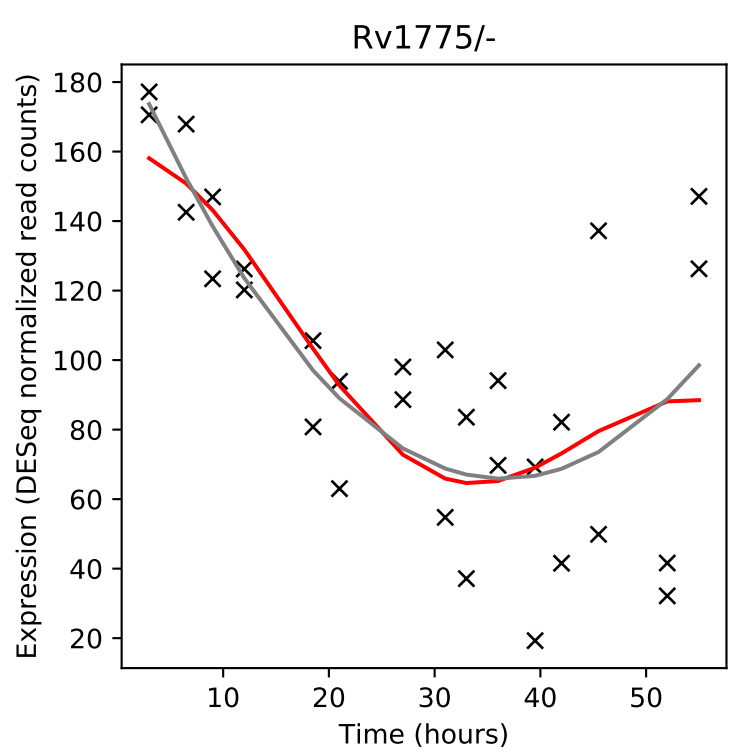

Rv1770/-
Expression (DESeq normalized read counts)
Time (hours)

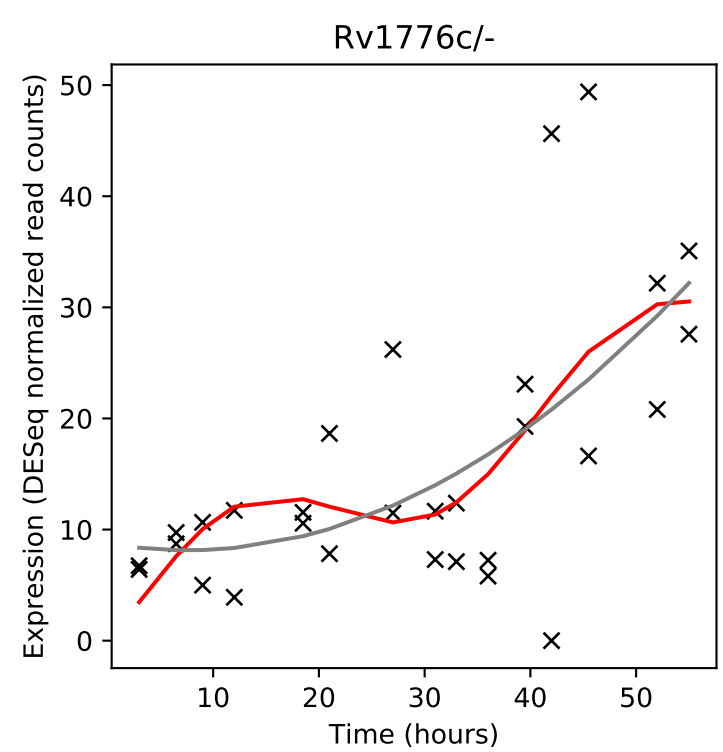

Rv1771/-
Expression (DESeq normalized read counts)
Time (hours)

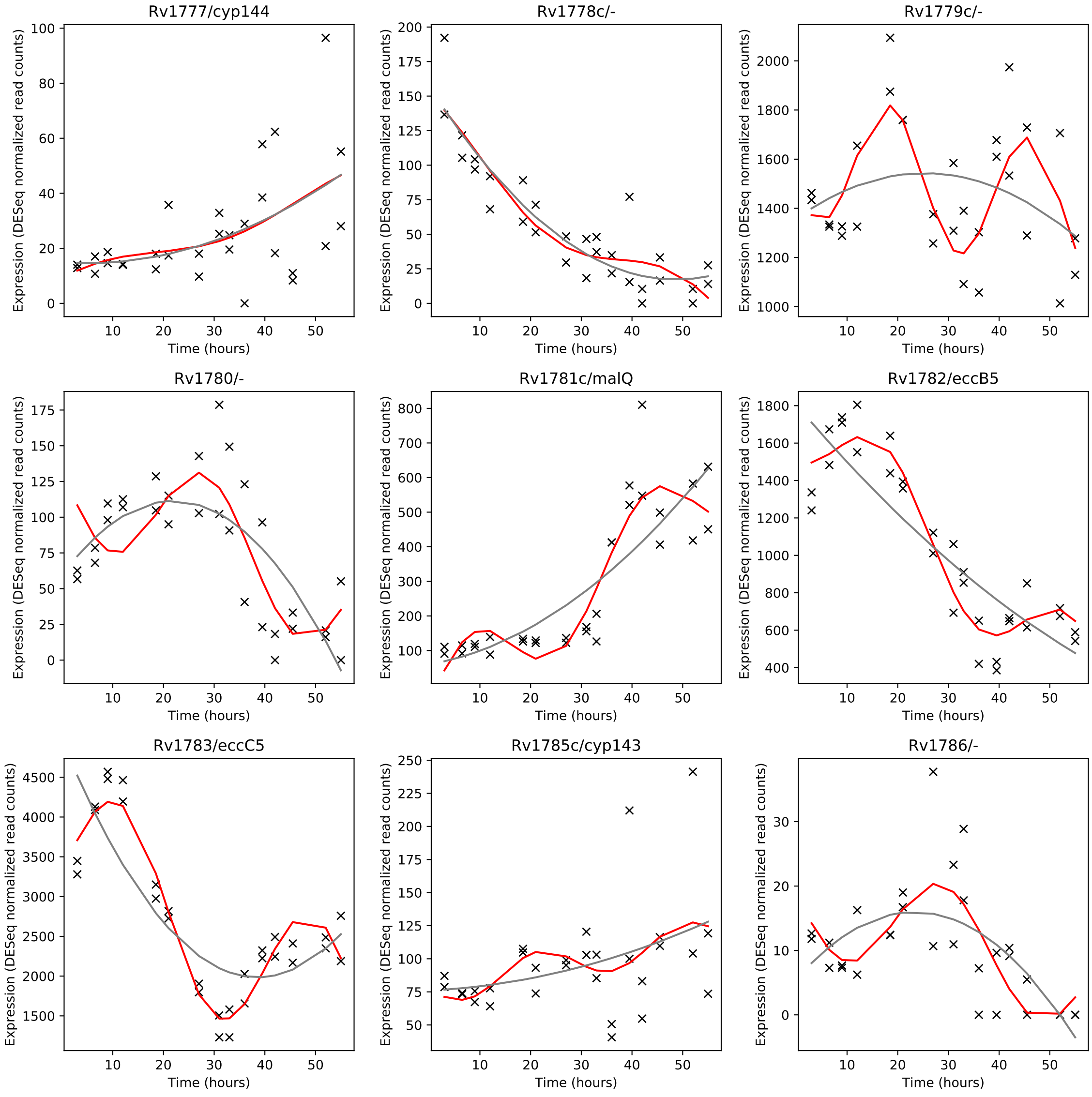

Rv1772/-
Expression (DESeq normalized read counts)
Time (hours)

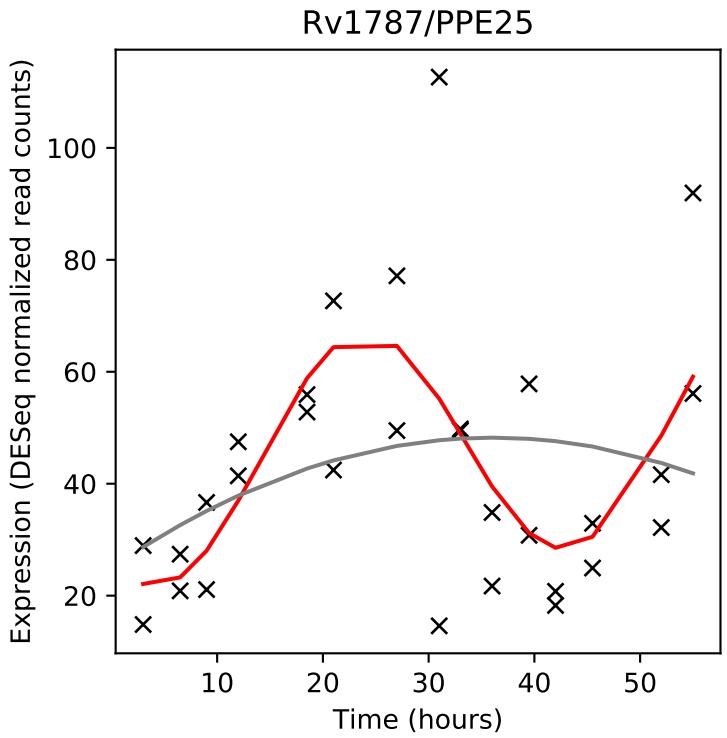

Rv1773c/-
Expression (DESeq normalized read counts)
Time (hours)

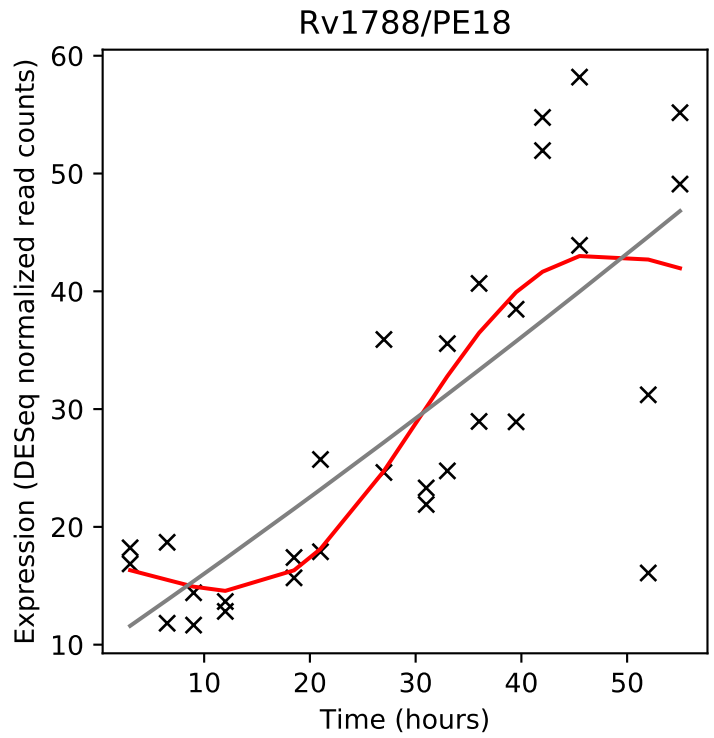

Rv1774/-
Expression (DESeq normalized read counts)
Time (hours)

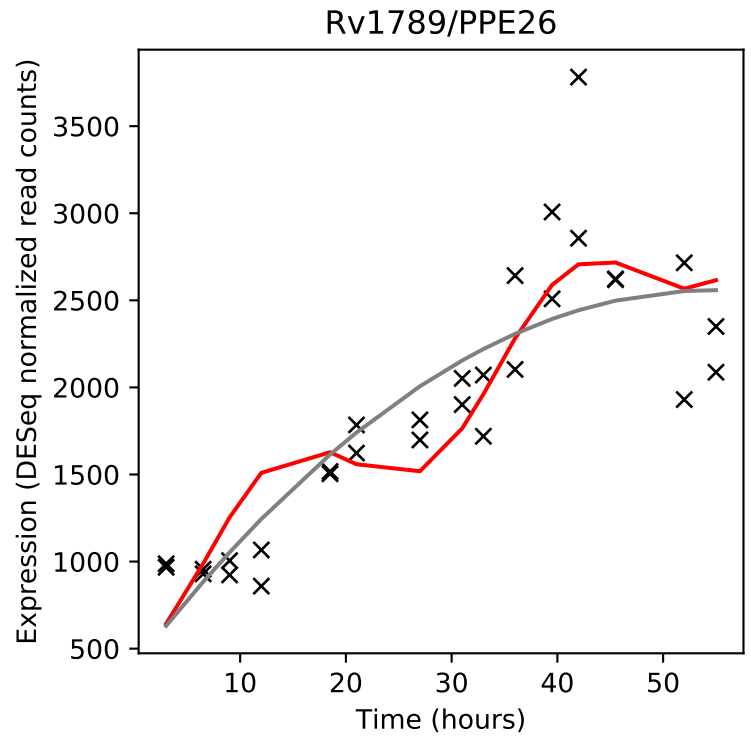

Rv1775/-
Expression (DESeq normalized read counts)
Time (hours)

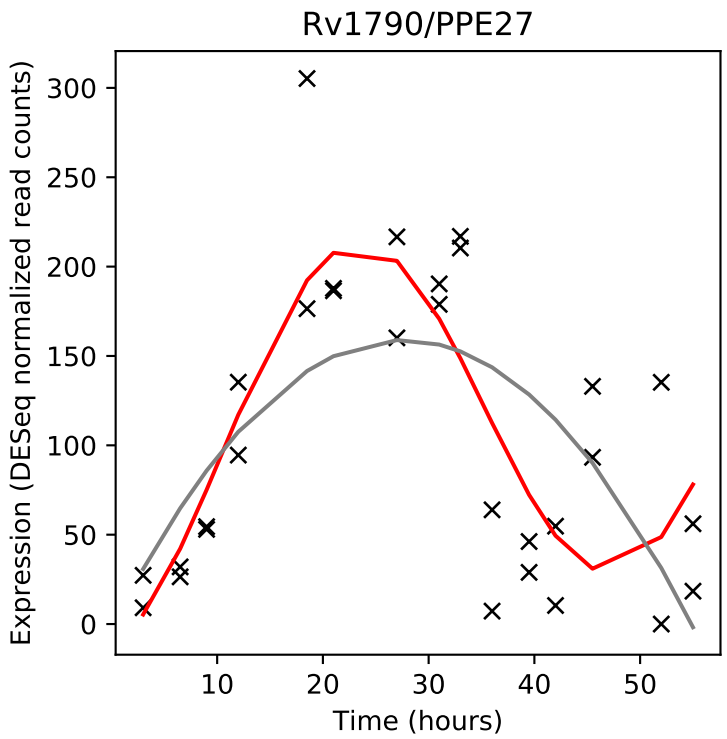

Rv1776c/-
Expression (DESeq normalized read counts)
Time (hours)

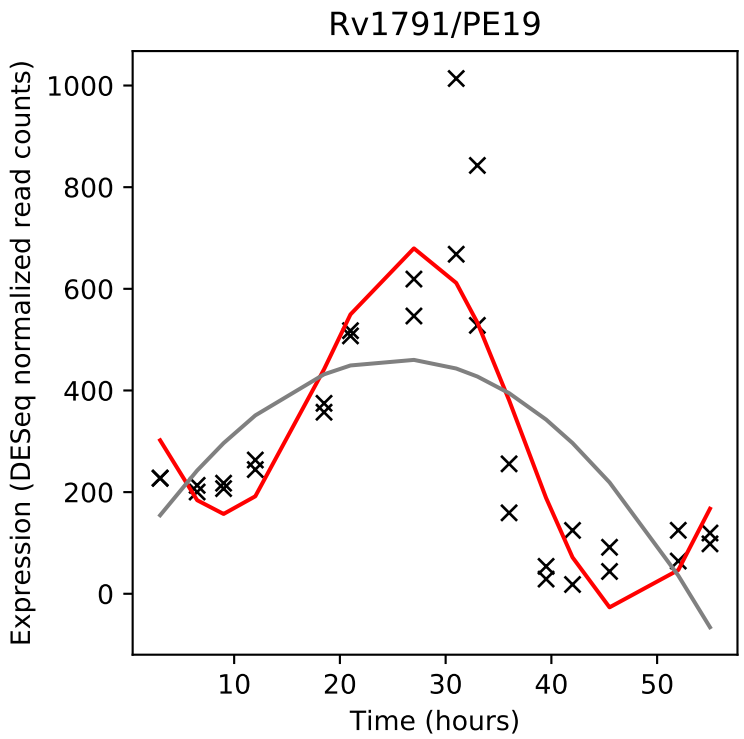

Rv1777/cyp144
Rv1778c/-
Rv1779c/-
Rv1780/-
Rv1781c/malQ
Rv1782/eccB5
Rv1783/eccC5
Rv1785c/cyp143
Rv1786/-
Expression (DESeq normalized read counts)
Time (hours)

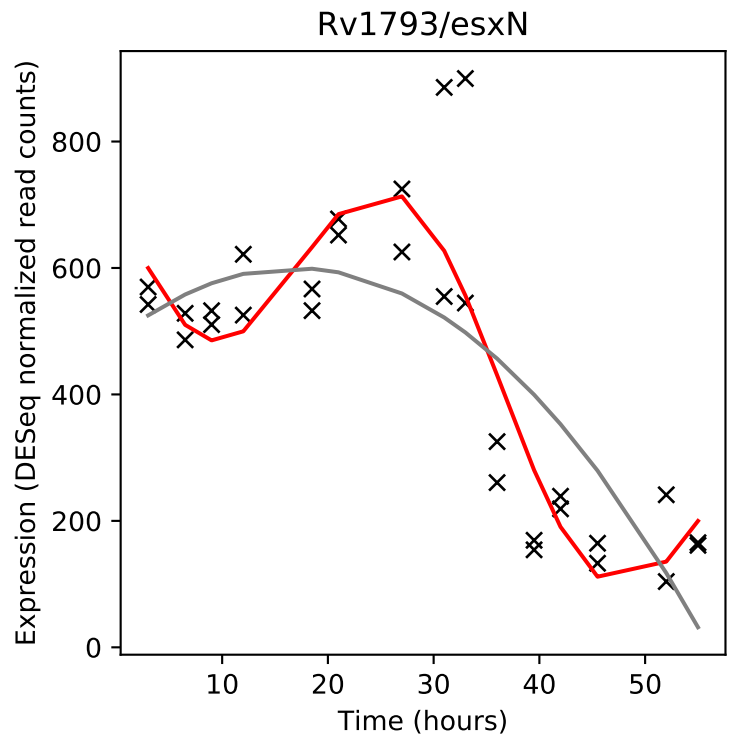

Rv1787/PPE25
Expression (DESeq normalized read counts)
Time (hours)

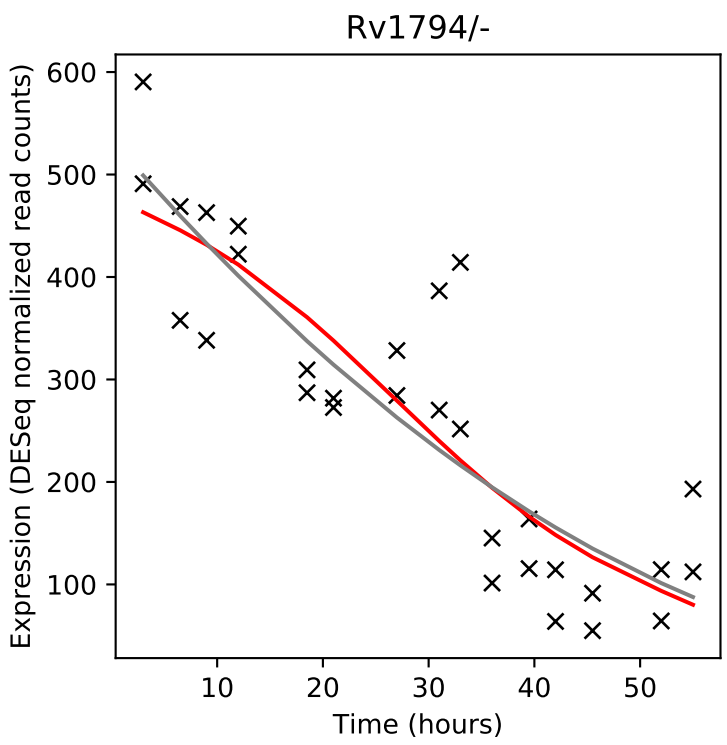

Rv1788/PE18
Expression (DESeq normalized read counts)
Time (hours)

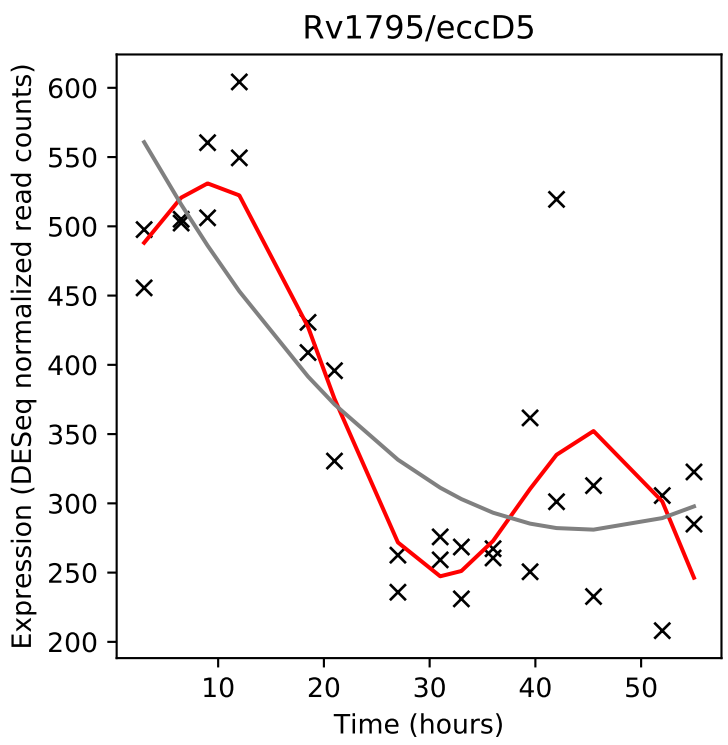

Rv1789/PPE26
Expression (DESeq normalized read counts)
Time (hours)

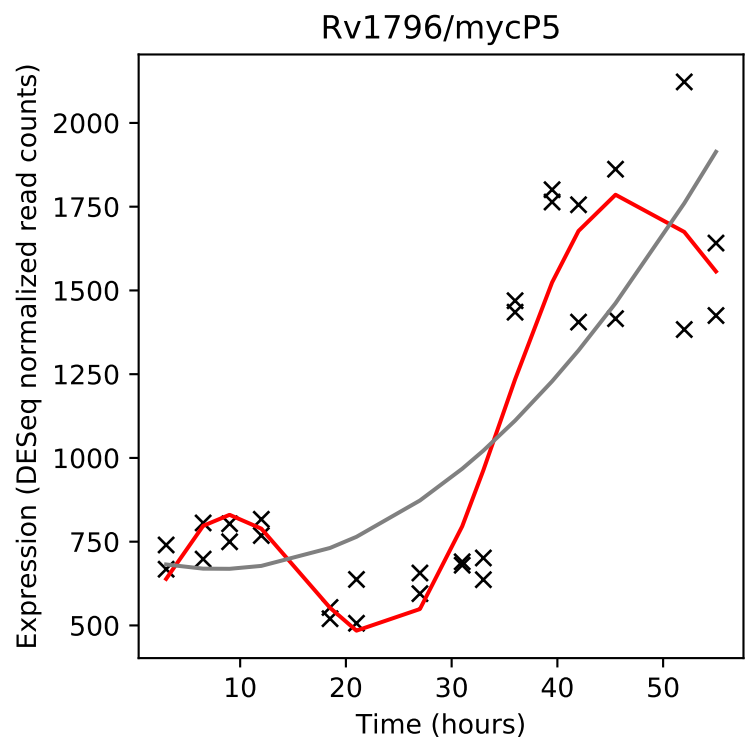

Rv1790/PPE27
Expression (DESeq normalized read counts)
Time (hours)

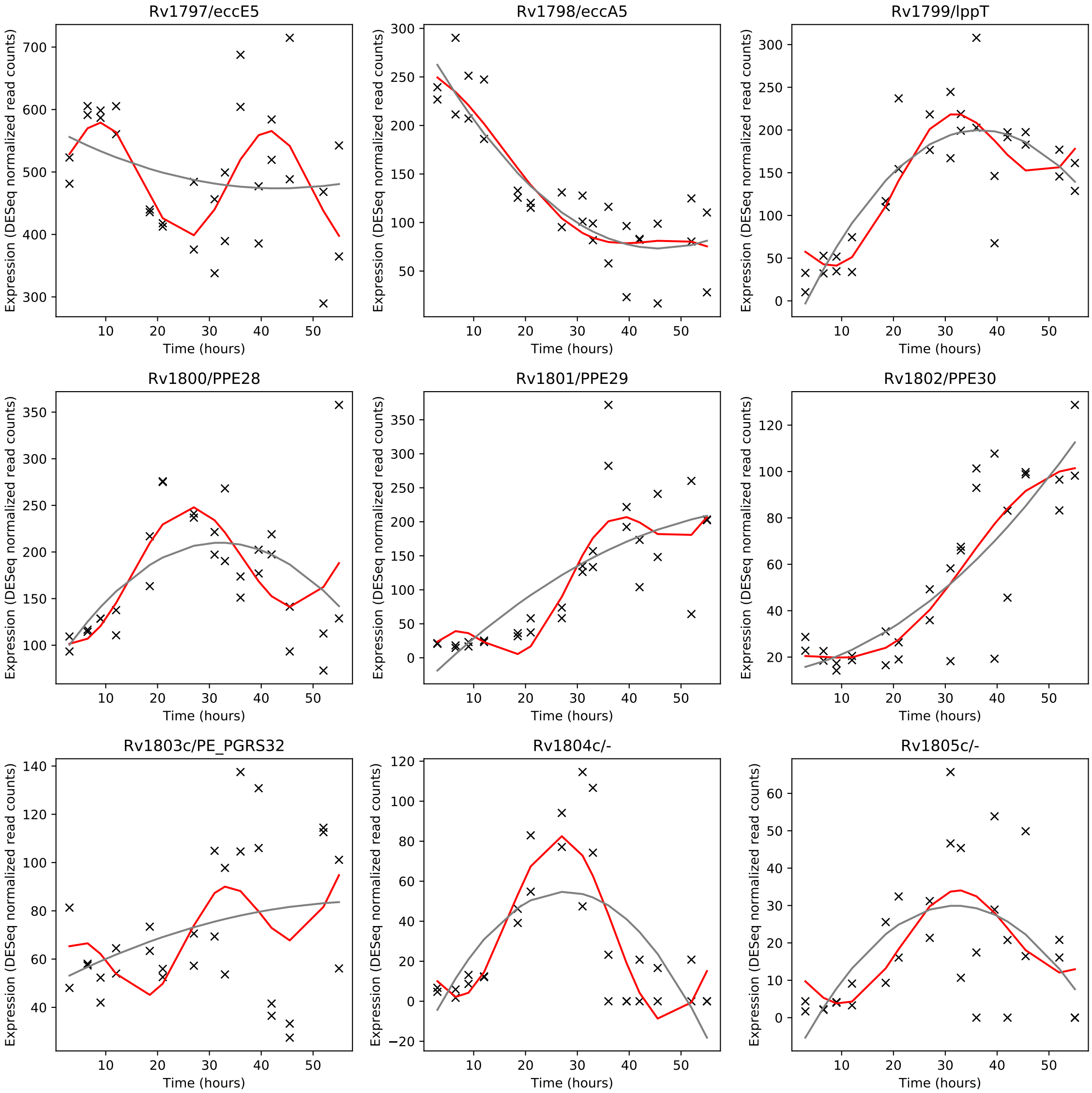

Rv1791/PE19
Expression (DESeq normalized read counts)
Time (hours)

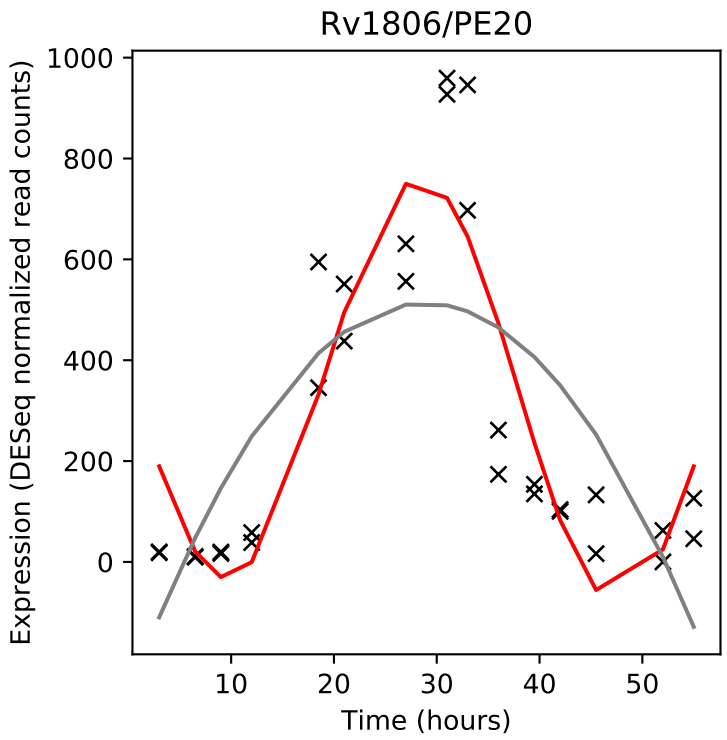

Rv1793/esxN
Expression (DESeq normalized read counts)
Time (hours)

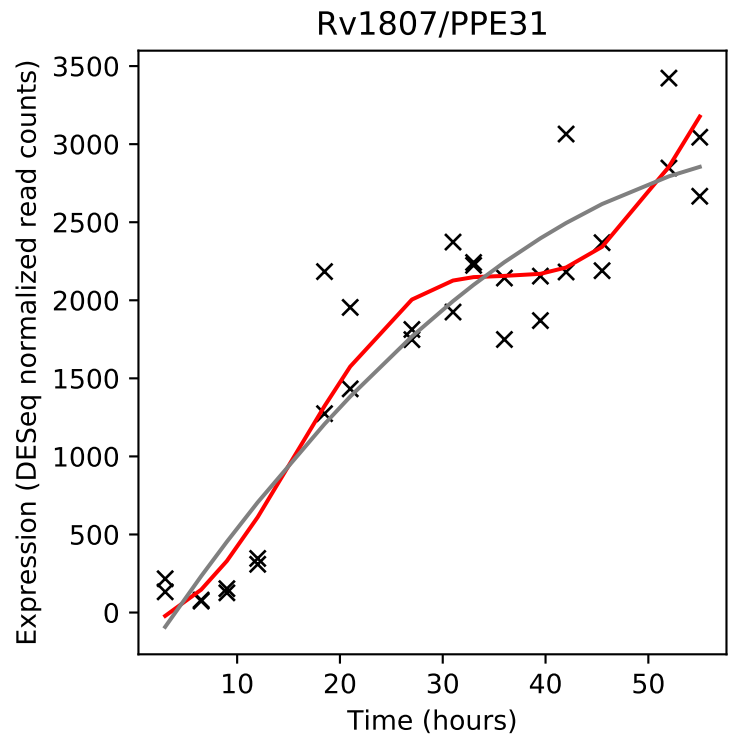

Rv1794/-
Expression (DESeq normalized read counts)
Time (hours)

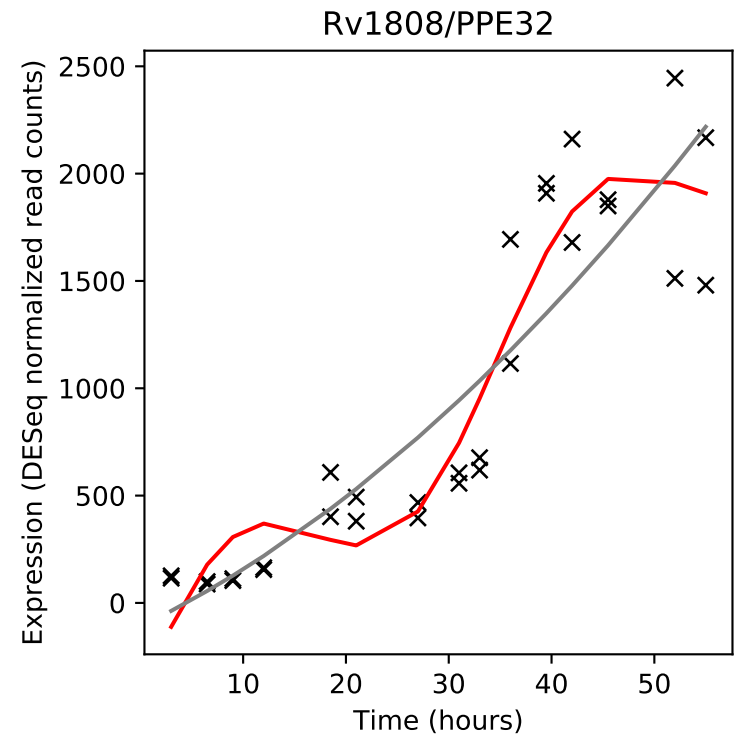

Rv1795/eccD5
Expression (DESeq normalized read counts)
Time (hours)

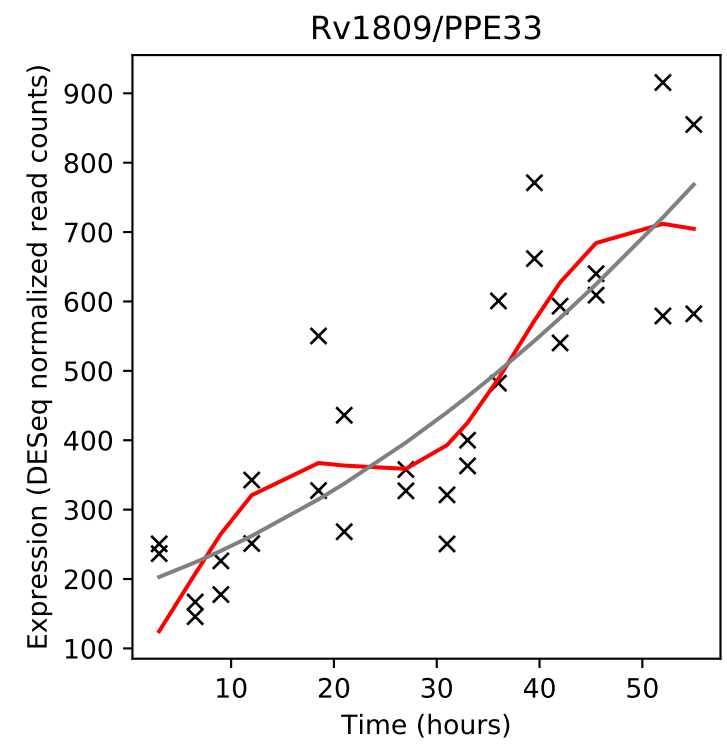

Rv1796/mycP5
Expression (DESeq normalized read counts)
Time (hours)

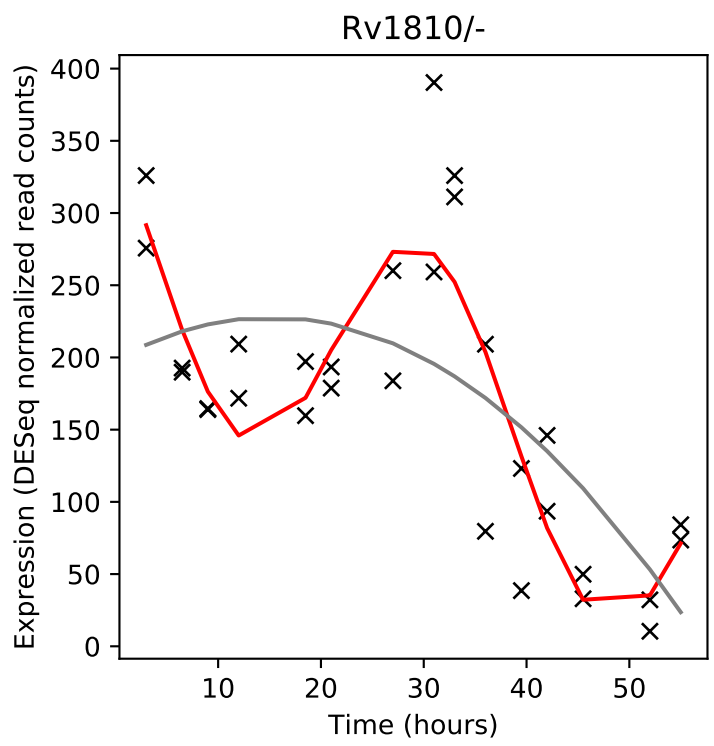

Rv1797/eccE5
Rv1798/eccA5
Rv1799/lppT
Rv1800/PPE28
Rv1801/PPE29
Rv1802/PPE30
Rv1803c/PE_PGRS32
Rv1804c/-
Rv1805c/-
Expression (DESeq normalized read counts)
Time (hours)

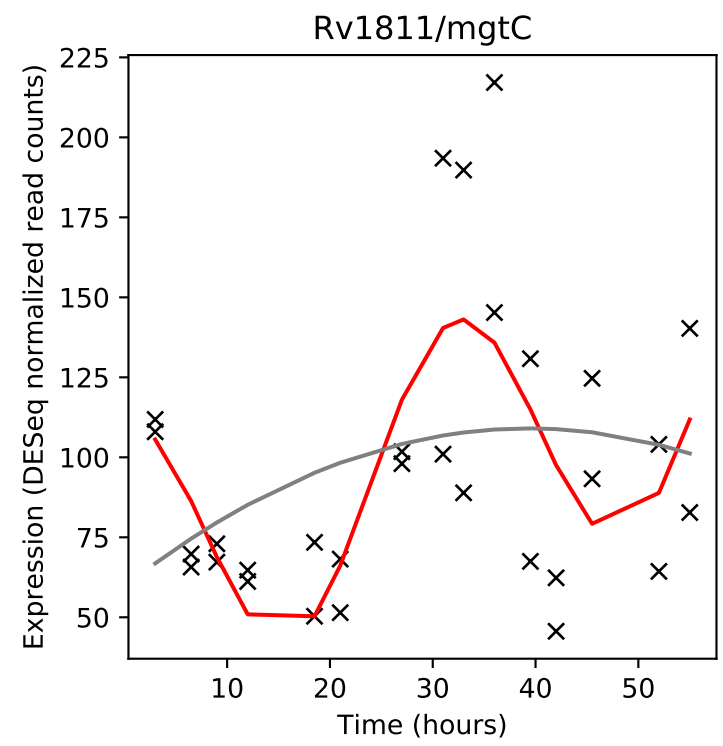

Rv1806/PE20
Expression (DESeq normalized read counts)
Time (hours)

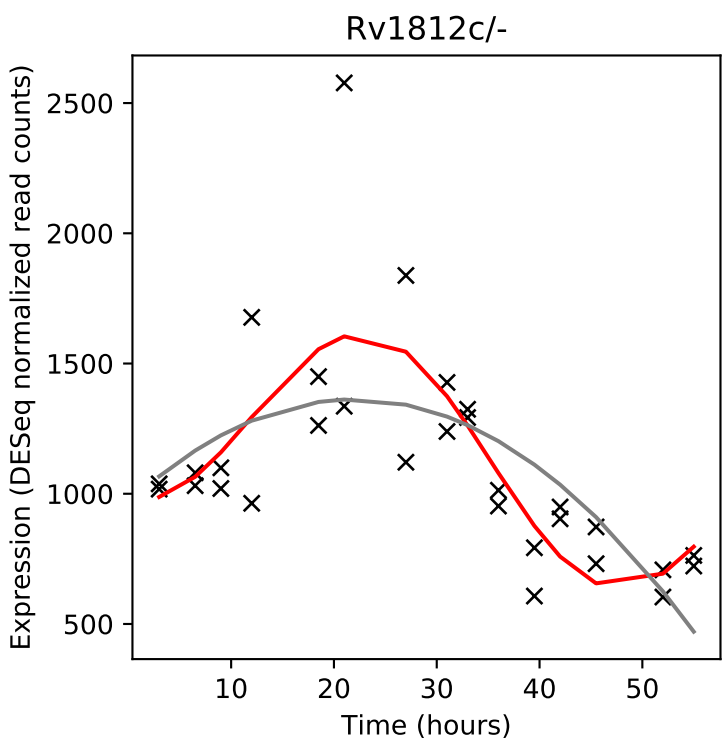

Rv1807/PPE31
Expression (DESeq normalized read counts)
Time (hours)

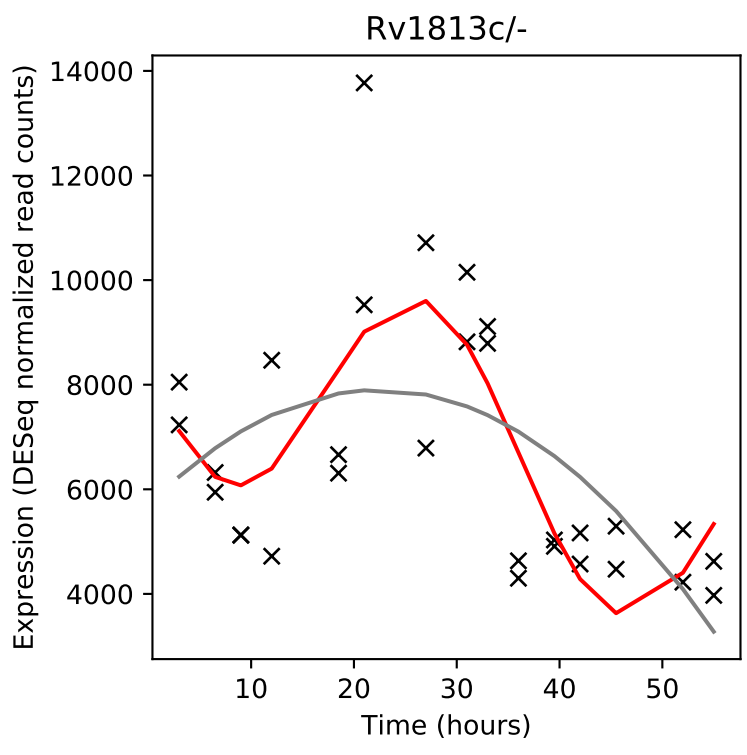

Rv1808/PPE32
Expression (DESeq normalized read counts)
Time (hours)

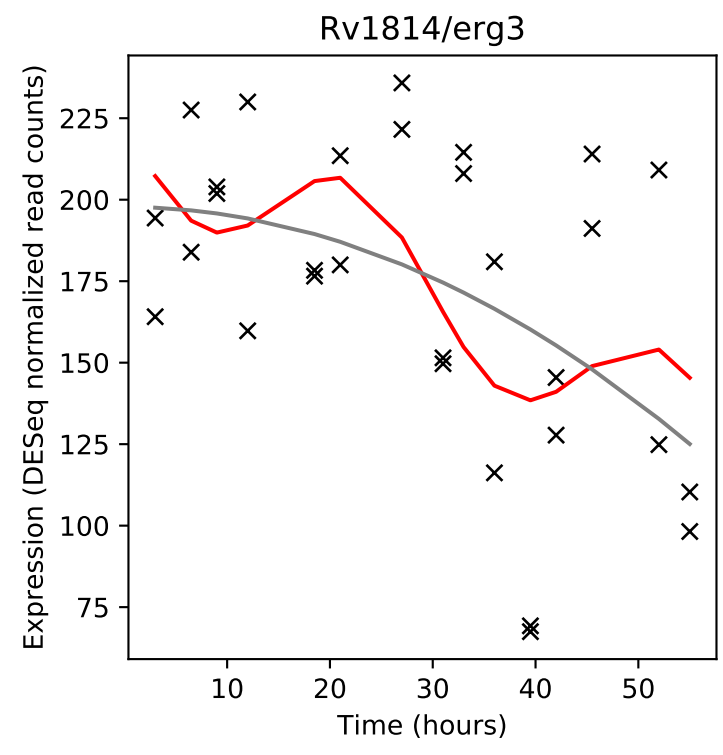

Rv1809/PPE33
Expression (DESeq normalized read counts)
Time (hours)

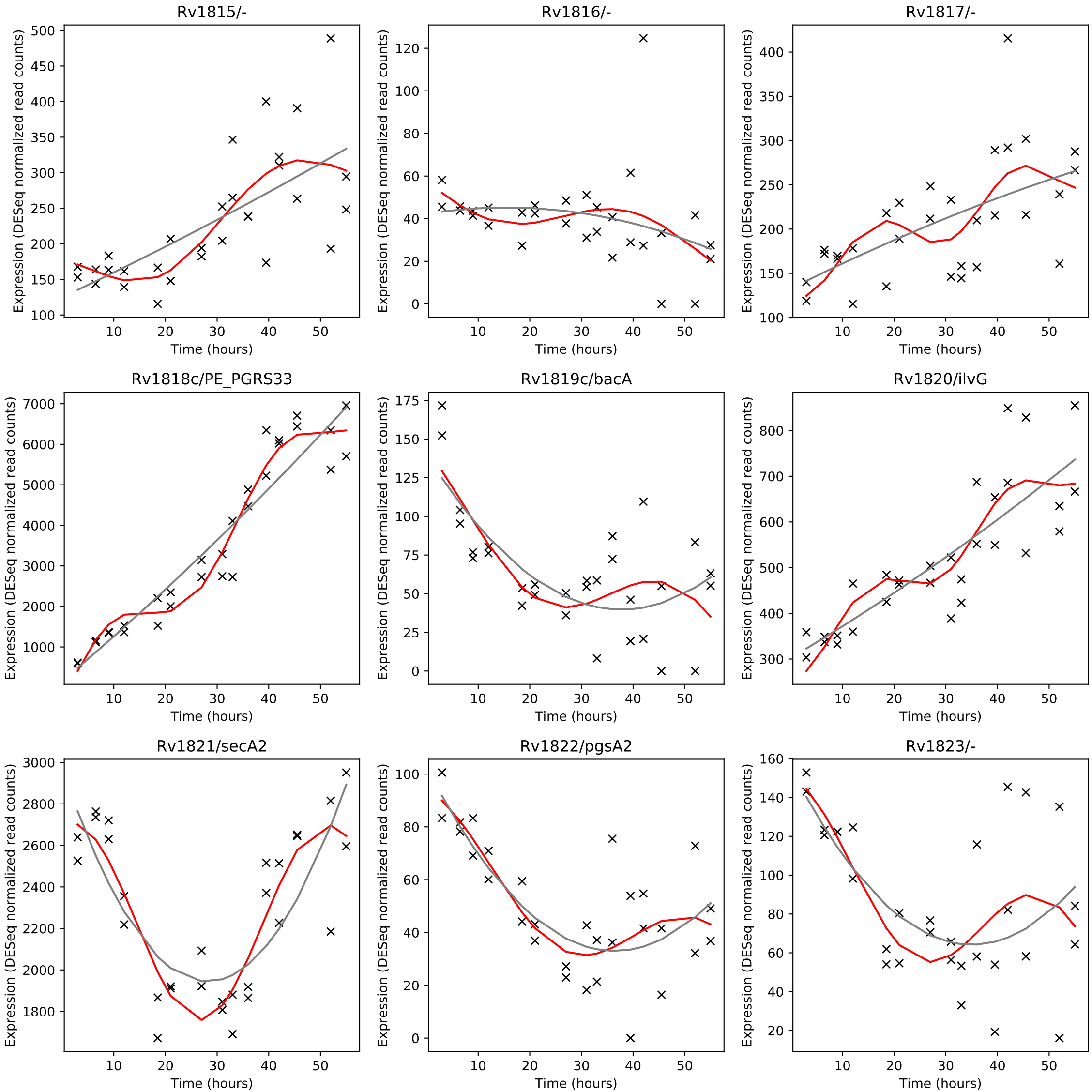

Rv1810/-
Expression (DESeq normalized read counts)
Time (hours)

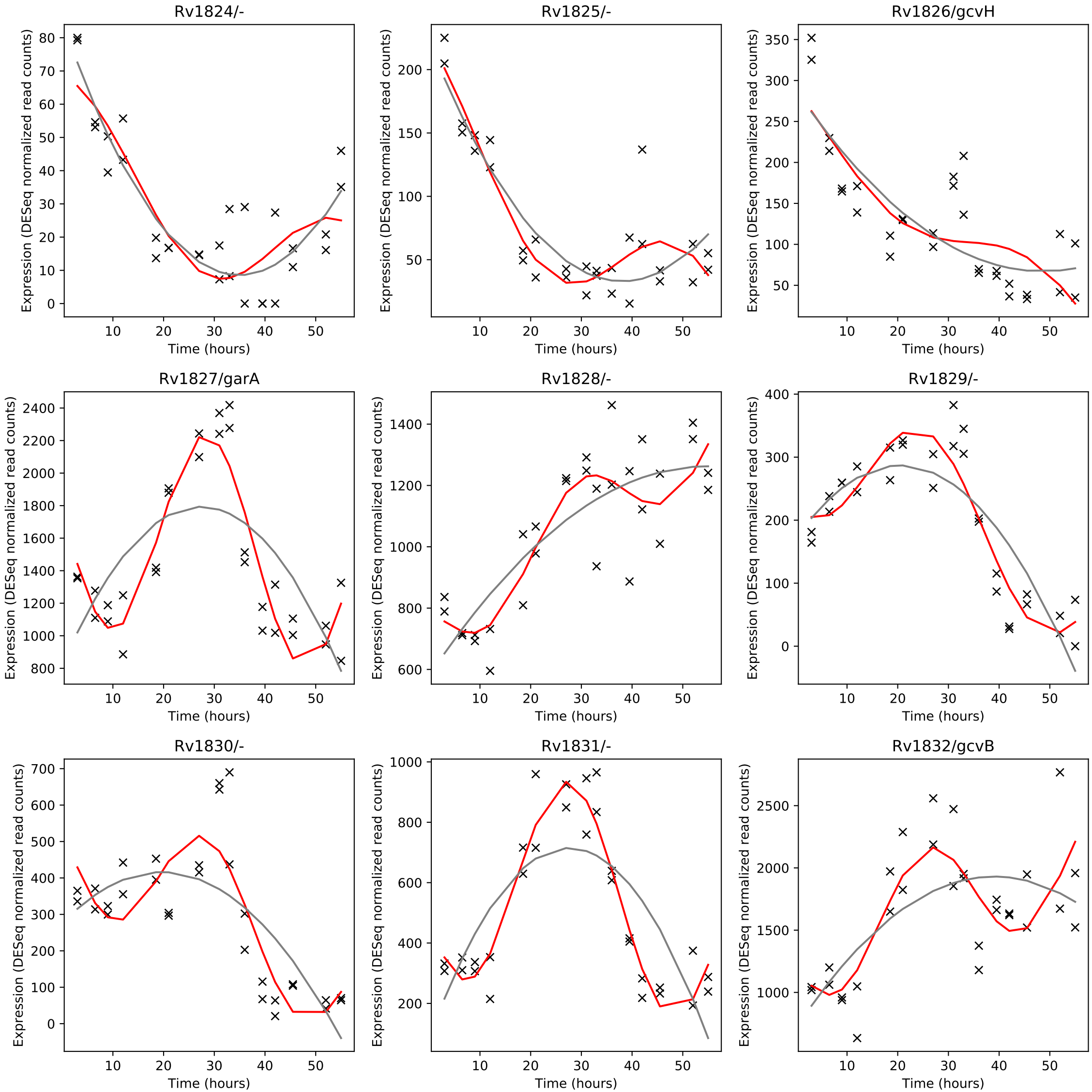

Rv1811/mgtC
Expression (DESeq normalized read counts)
Time (hours)

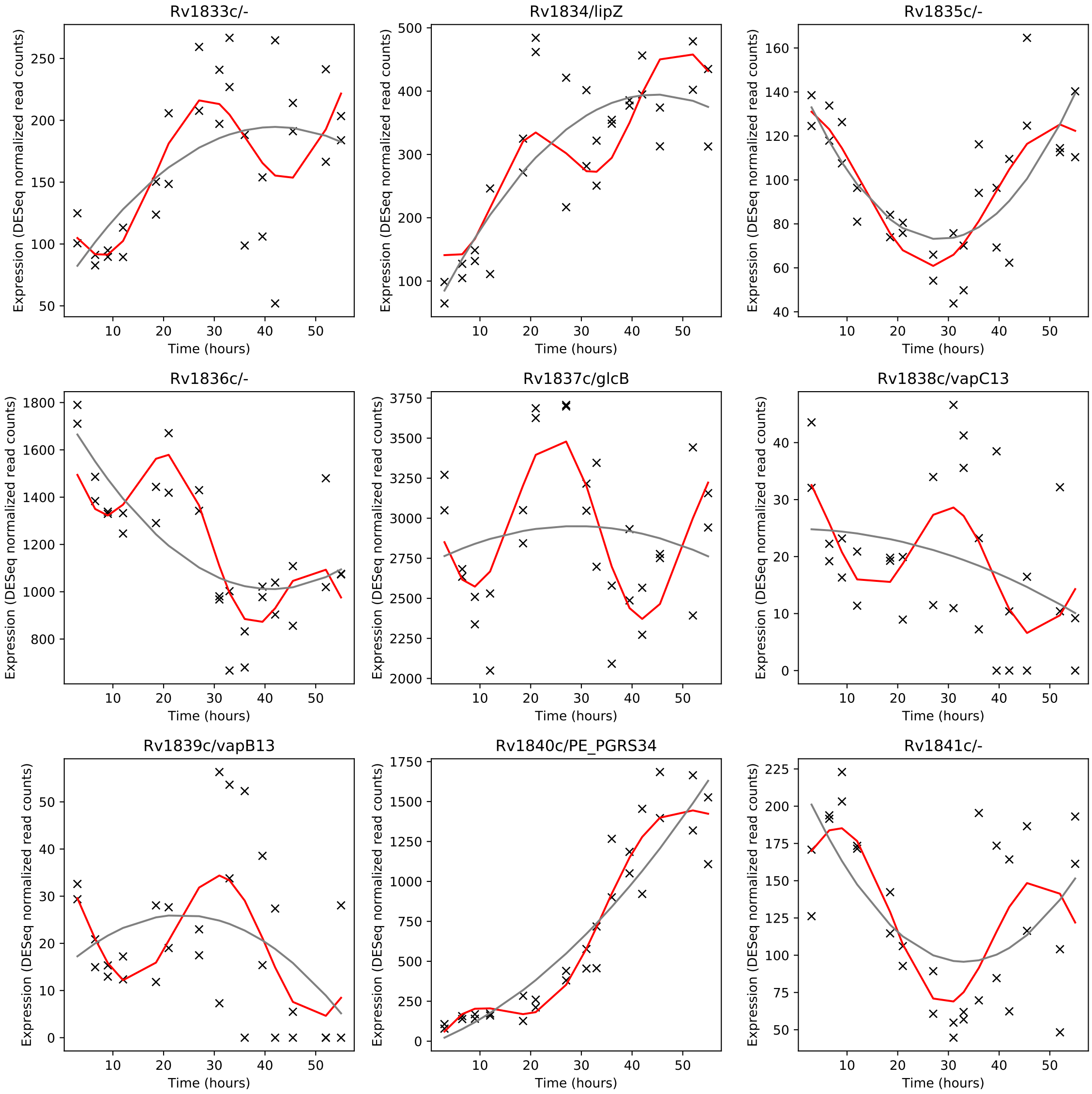

Rv1812c/-
Expression (DESeq normalized read counts)
Time (hours)

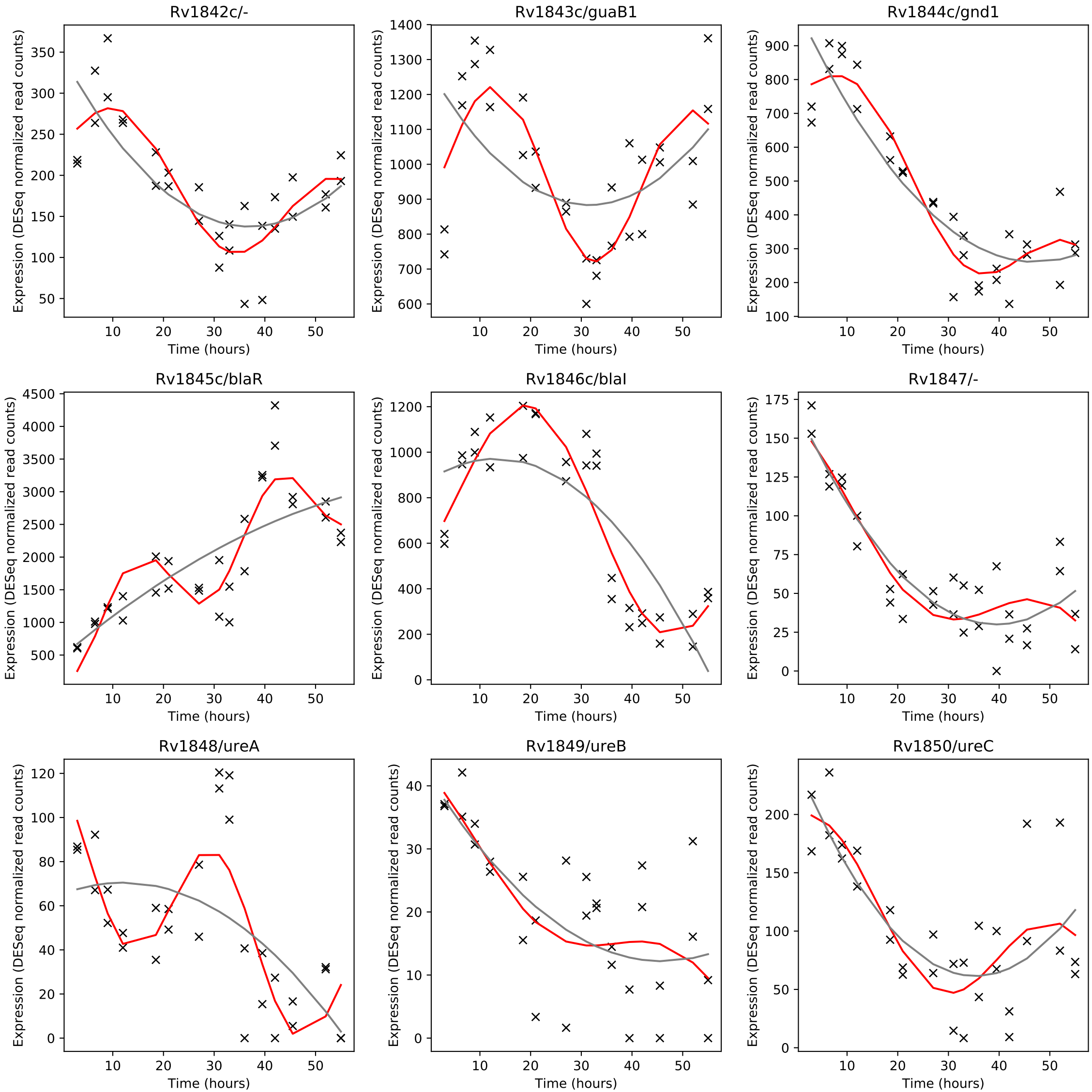

Rv1813c/-
Expression (DESeq normalized read counts)
Time (hours)

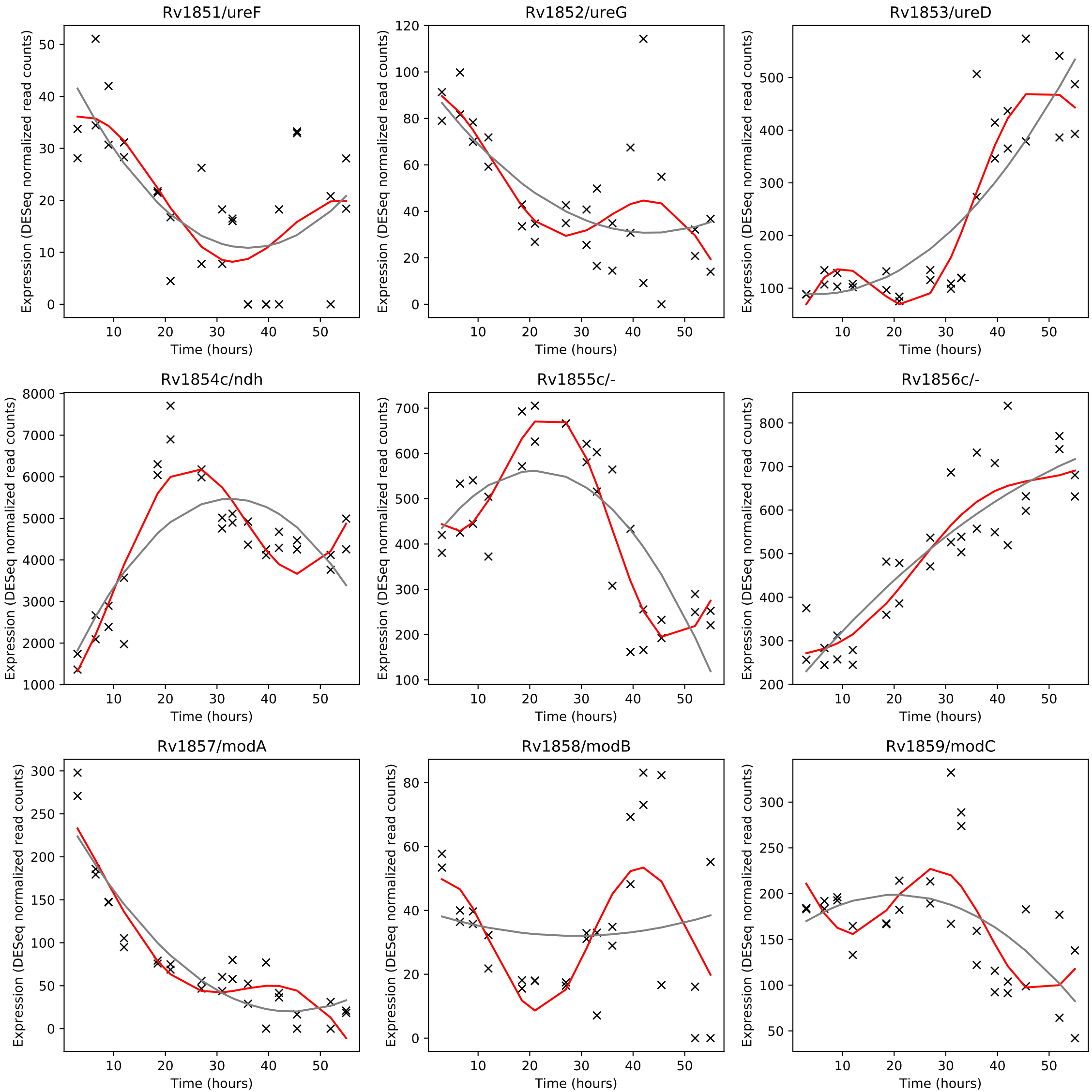

Rv1814/erg3
Expression (DESeq normalized read counts)
Time (hours)

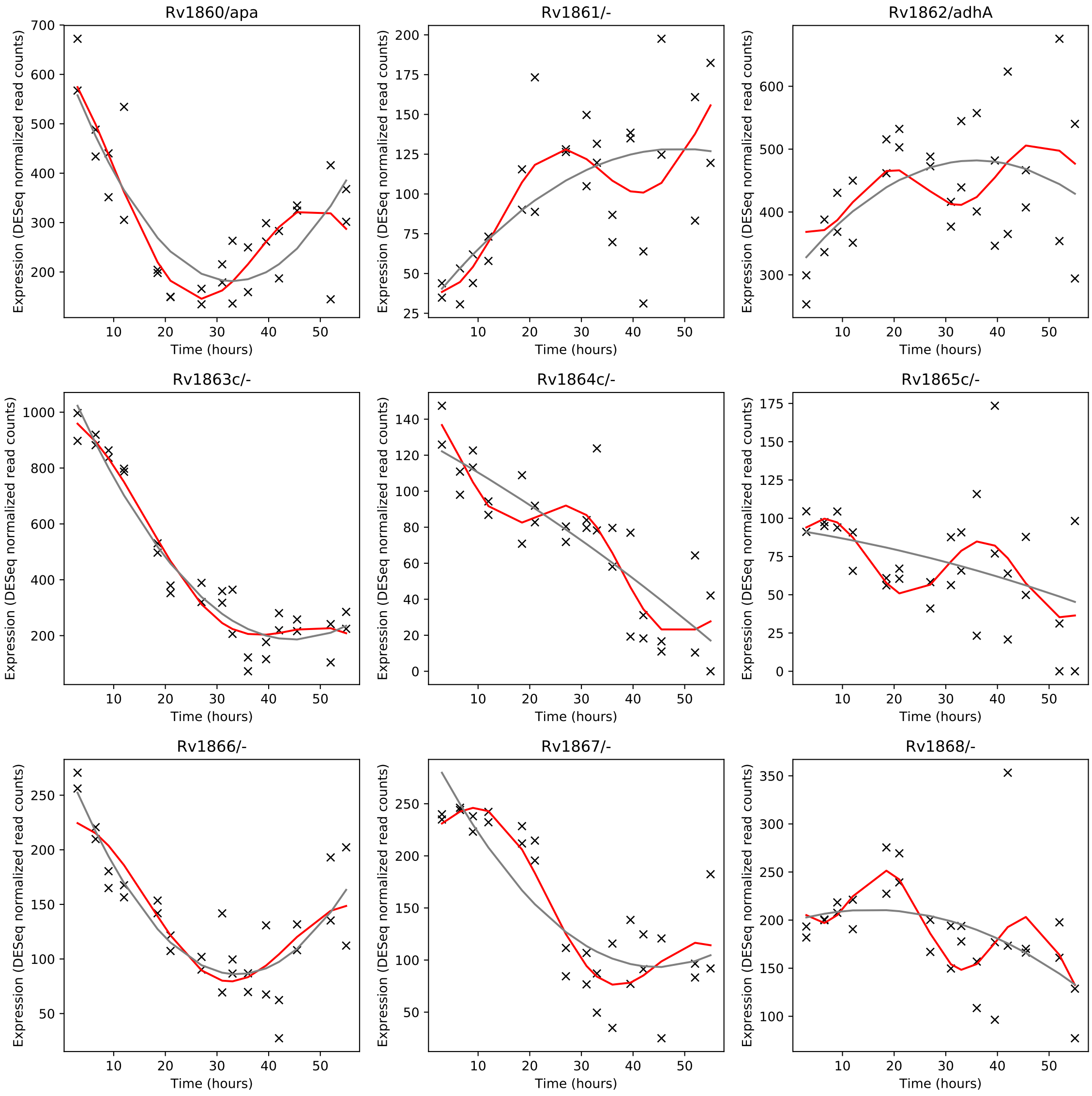

Rv1815/-
Rv1816/-
Rv1817/-
Rv1818c/PE_PGRS33
Rv1819c/bacA
Rv1820/ilvG
Rv1821/secA2
Rv1822/pgsA2
Rv1823/-
Expression (DESeq normalized read counts)
Time (hours)

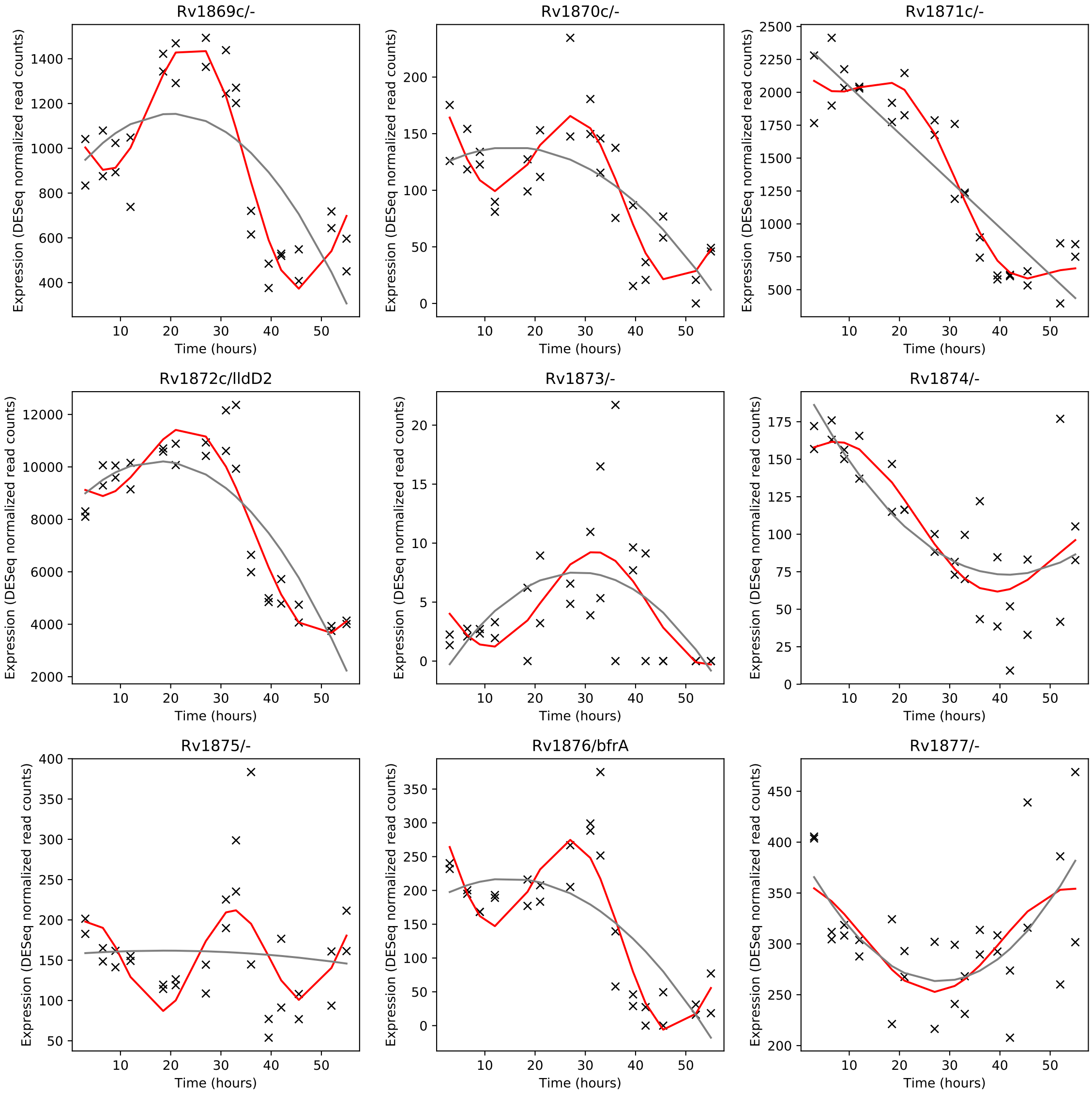

Rv1824/-
Rv1825/-
Rv1826/gcvH
Rv1827/garA
Rv1828/-
Rv1829/-
Rv1830/-
Rv1831/-
Rv1832/gcvB
Expression (DESeq normalized read counts)
Time (hours)

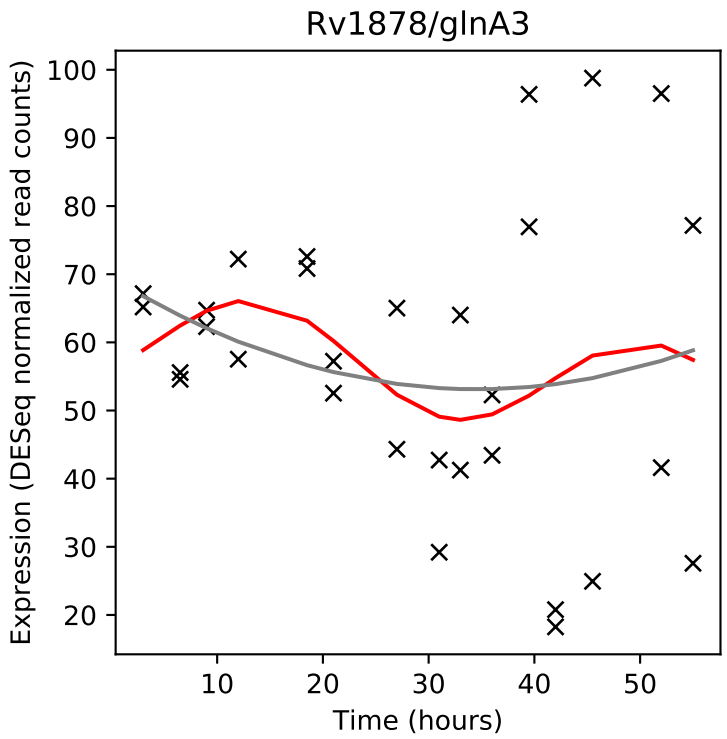

Rv1833c/-
Rv1834/lipZ
Rv1835c/-
Rv1836c/-
Rv1837c/glcB
Rv1838c/vapC13
Rv1839c/vapB13
Rv1840c/PE_PGRS34
Rv1841c/-
Expression (DESeq normalized read counts)
Time (hours)

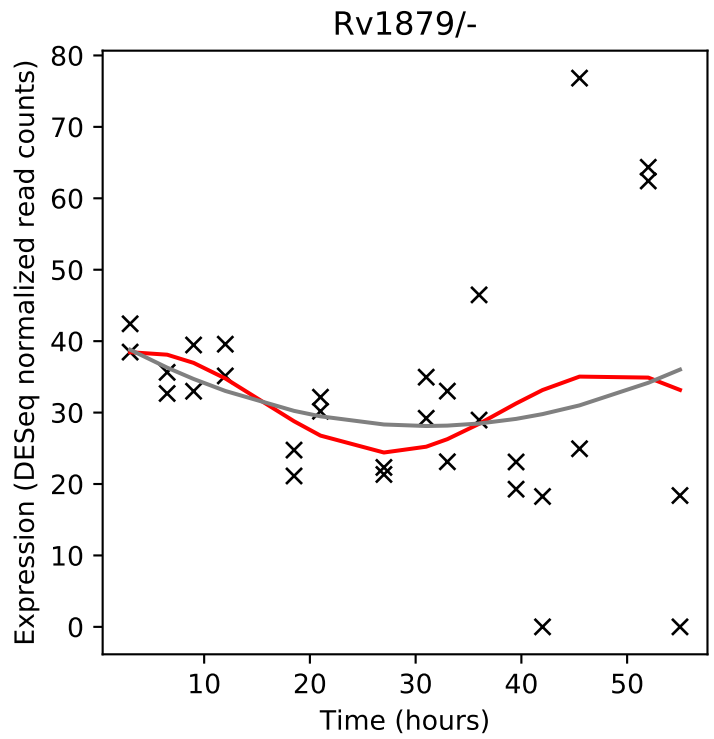

Rv1842c/-
Rv1843c/guaB1
Rv1844c/gnd1
Rv1845c/blaR
Rv1846c/blaI
Rv1847/-
Rv1848/ureA
Rv1849/ureB
Rv1850/ureC
Expression (DESeq normalized read counts)
Time (hours)

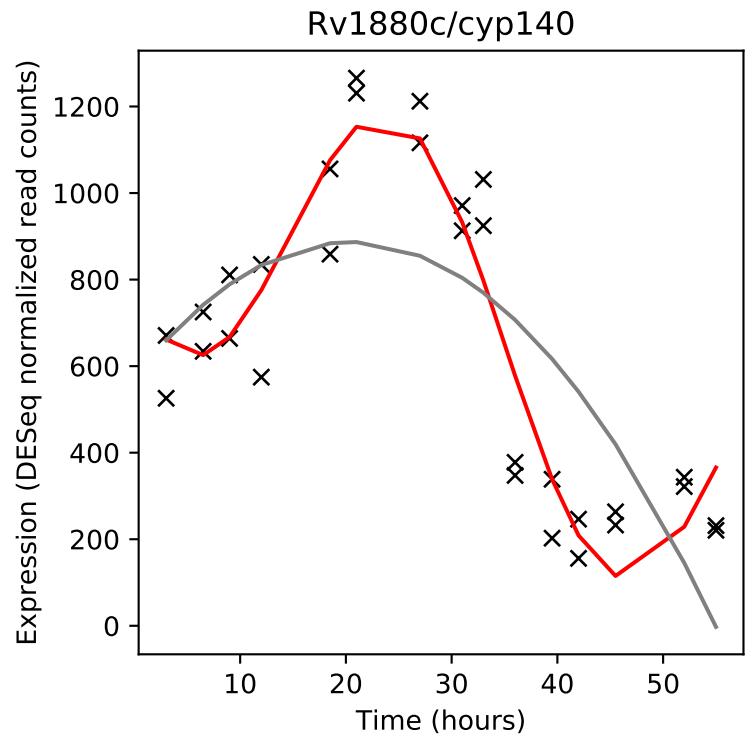

Rv1851/ureF
Rv1852/ureG
Rv1853/ureD
Rv1854c/ndh
Rv1855c/-
Rv1856c/-
Rv1857/modA
Rv1858/modB
Rv1859/modC
Expression (DESeq normalized read counts)
Time (hours)

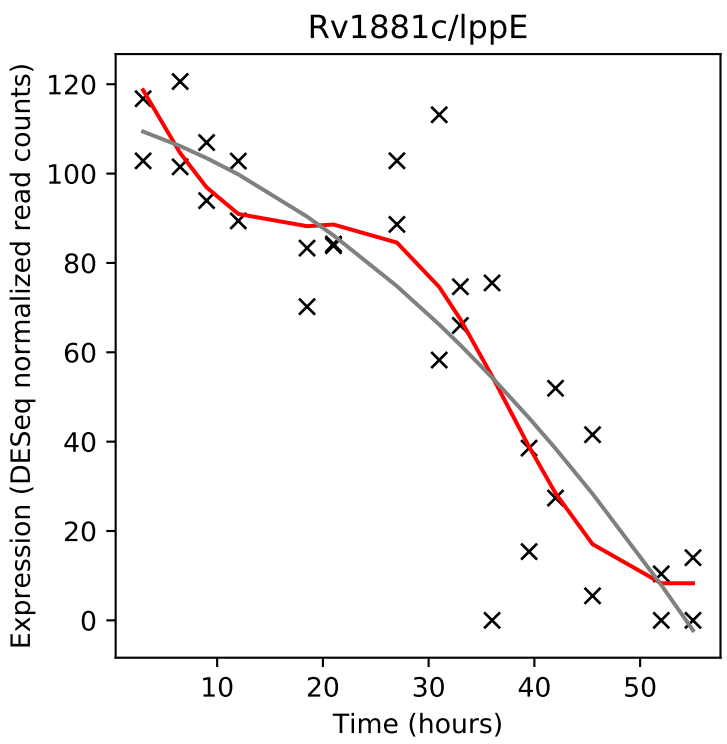

Rv1860/apa
Rv1861/-
Rv1862/adhA
Rv1863c/-
Rv1864c/-
Rv1865c/-
Rv1866/-
Rv1867/-
Rv1868/-
Expression (DESeq normalized read counts)
Time (hours)

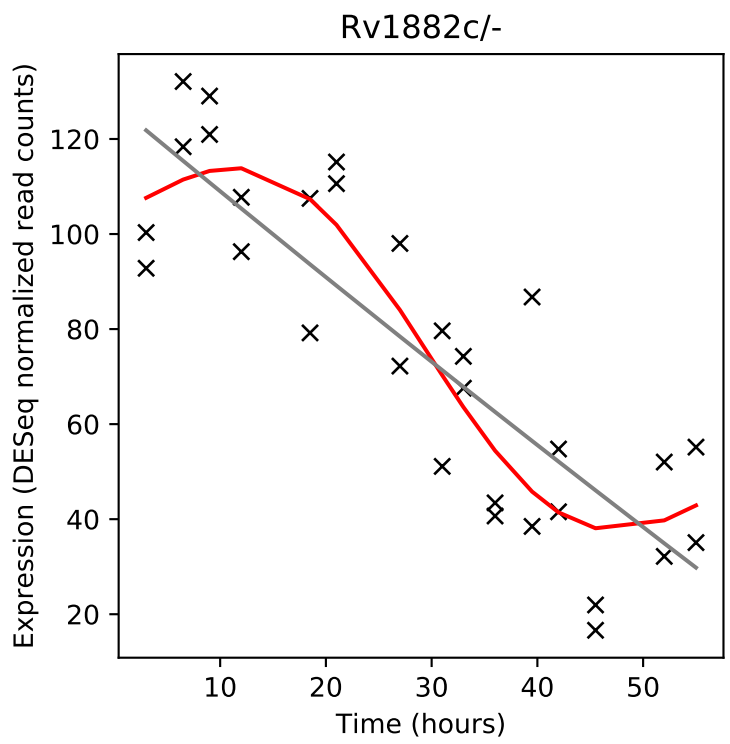

Rv1869c/-
Rv1870c/-
Rv1871c/-
Rv1872c/lldD2
Rv1873/-
Rv1874/-
Rv1875/-
Rv1876/bfrA
Rv1877/-
Expression (DESeq normalized read counts)
Time (hours)

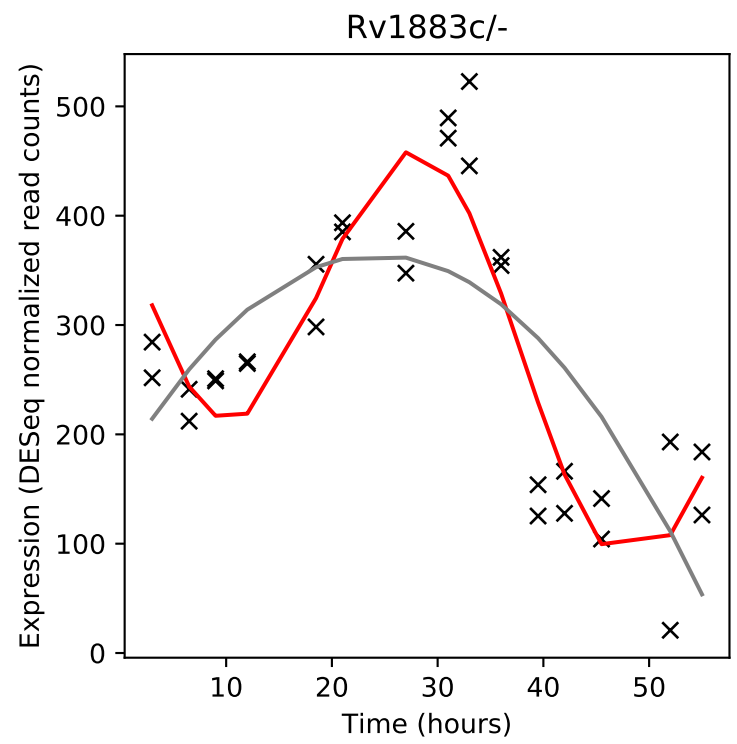

Rv1878/glnA3
Expression (DESeq normalized read counts)
Time (hours)

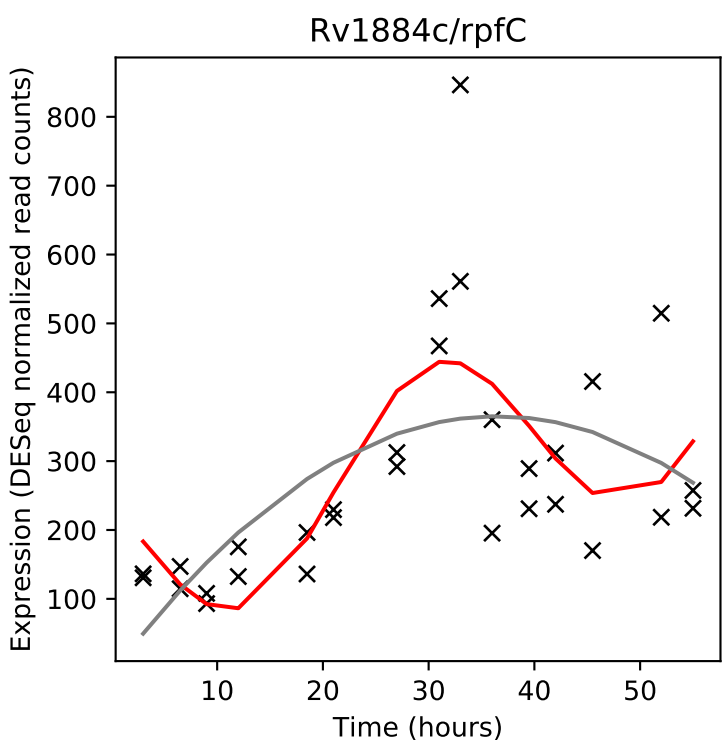

Rv1879/-
Expression (DESeq normalized read counts)
Time (hours)

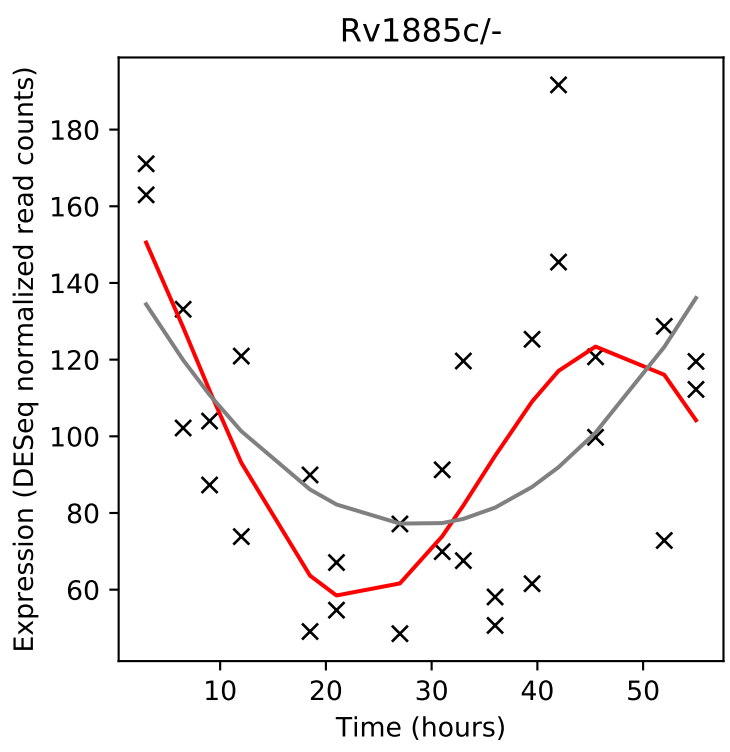

Rv1880c/cyp140
Expression (DESeq normalized read counts)
Time (hours)

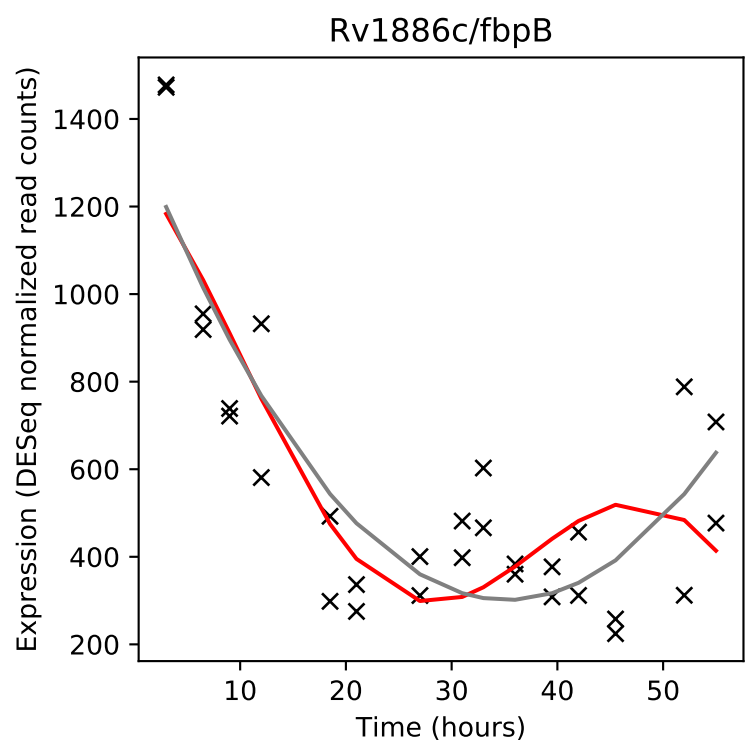

Rv1881c/lppE
Expression (DESeq normalized read counts)
Time (hours)

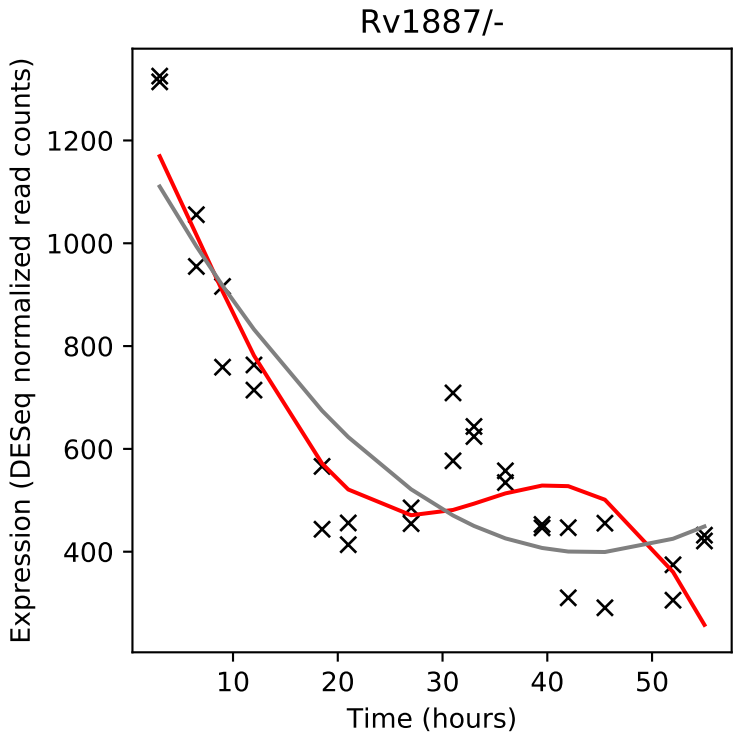

Rv1882c/-
Expression (DESeq normalized read counts)
Time (hours)

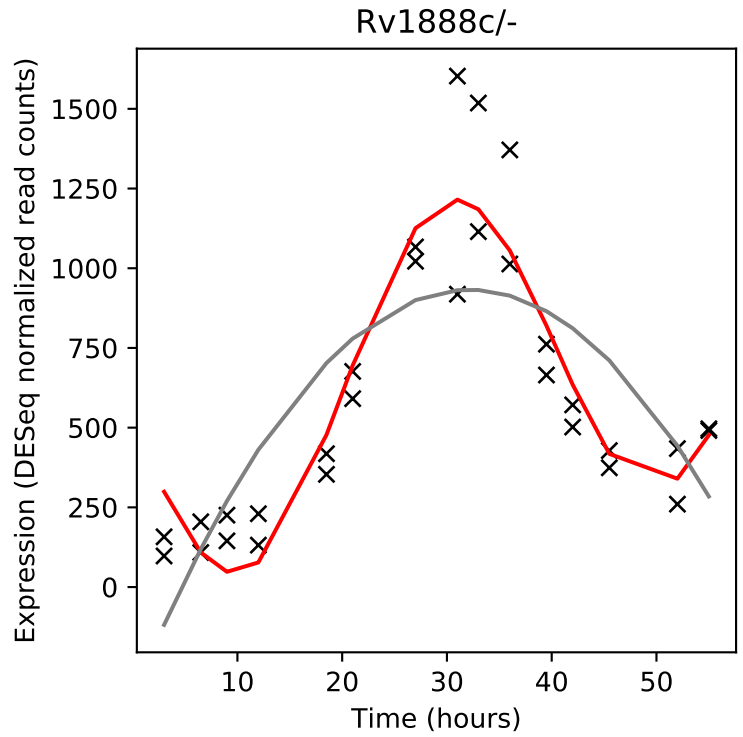

Rv1883c/-
Expression (DESeq normalized read counts)
Time (hours)

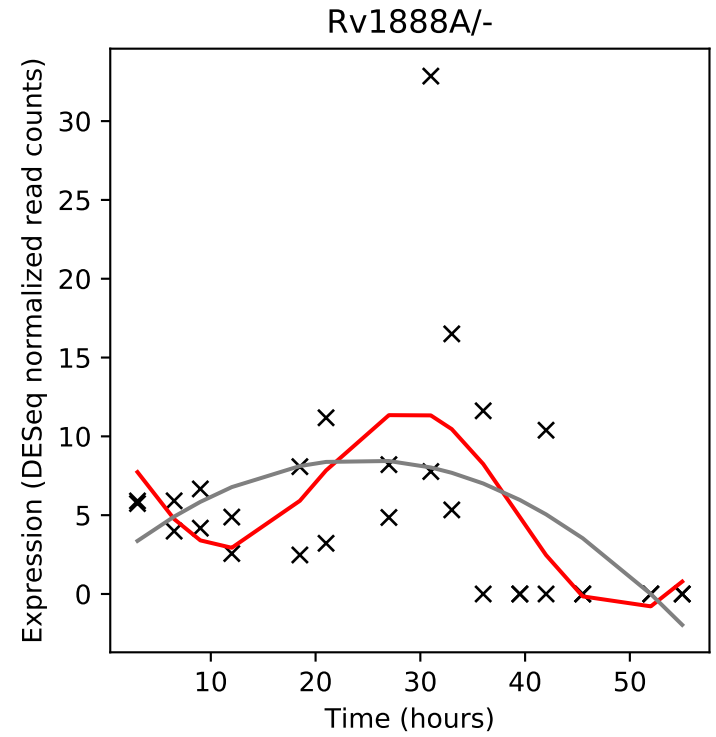

Rv1884c/rpfC
Expression (DESeq normalized read counts)
Time (hours)

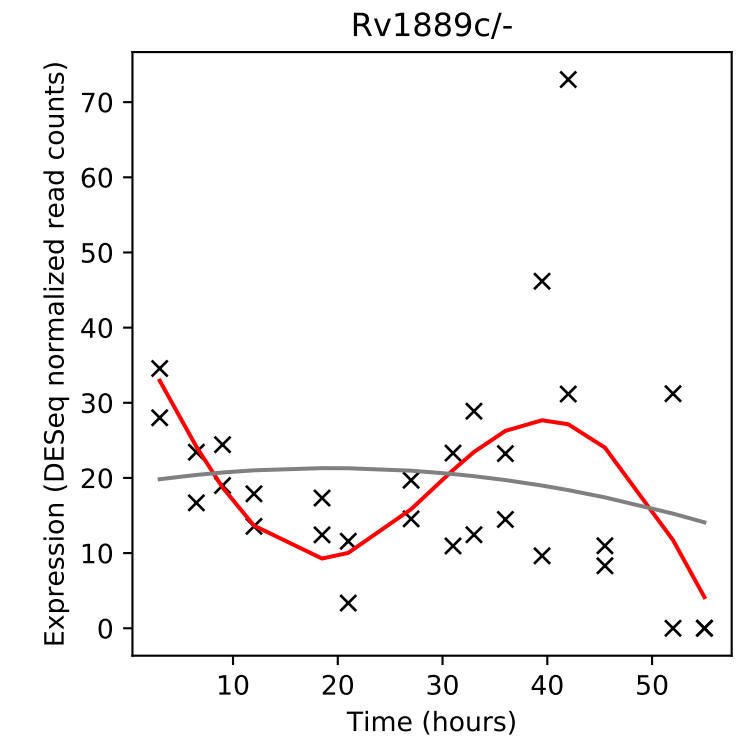

Rv1885c/-
Expression (DESeq normalized read counts)
Time (hours)

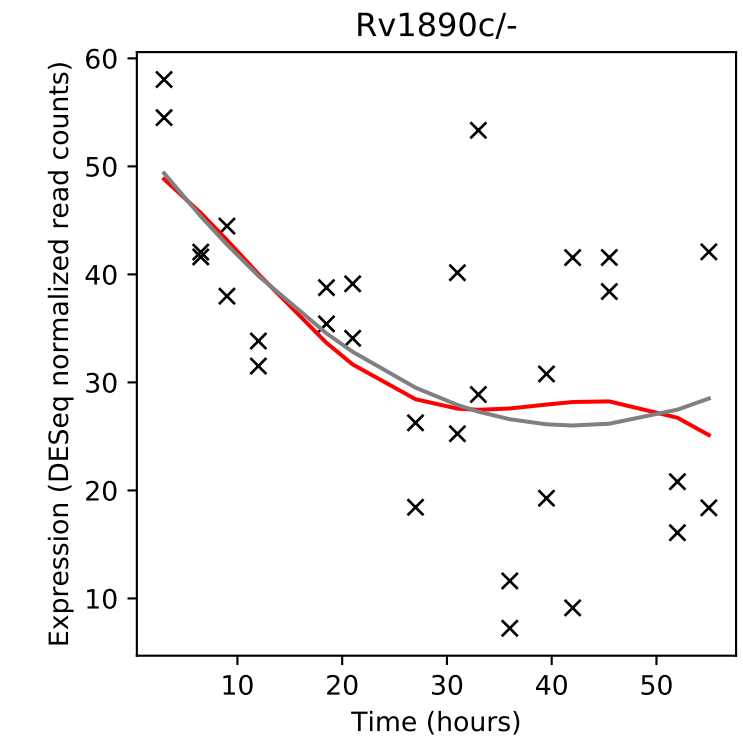

Rv1886c/fbpB
Expression (DESeq normalized read counts)
Time (hours)

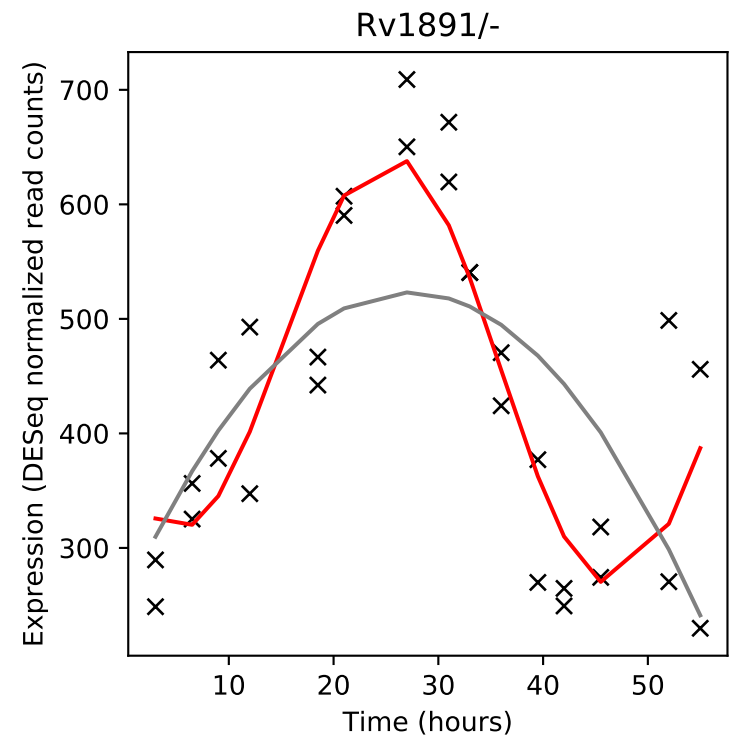

Rv1887/-
Expression (DESeq normalized read counts)
Time (hours)

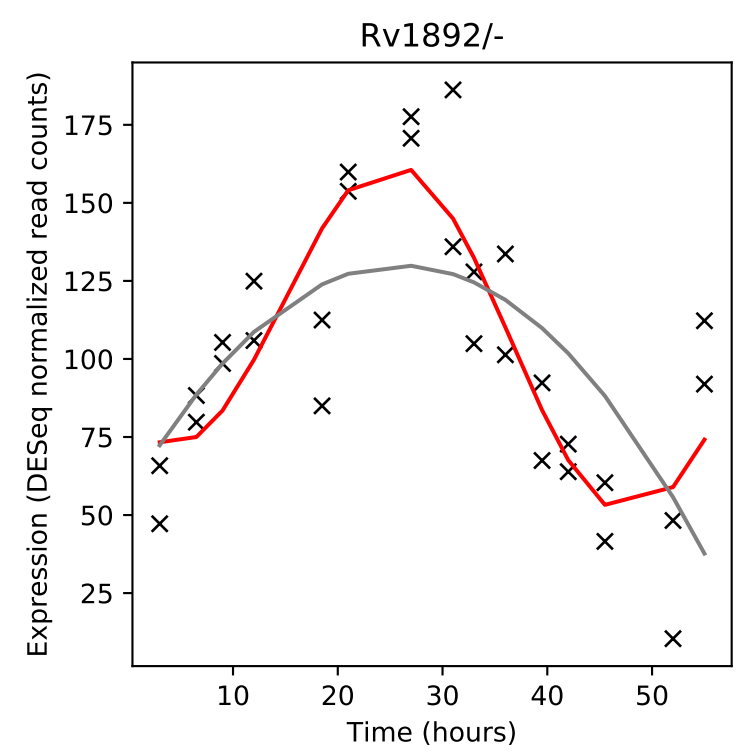

Rv1888c/-
Expression (DESeq normalized read counts)
Time (hours)

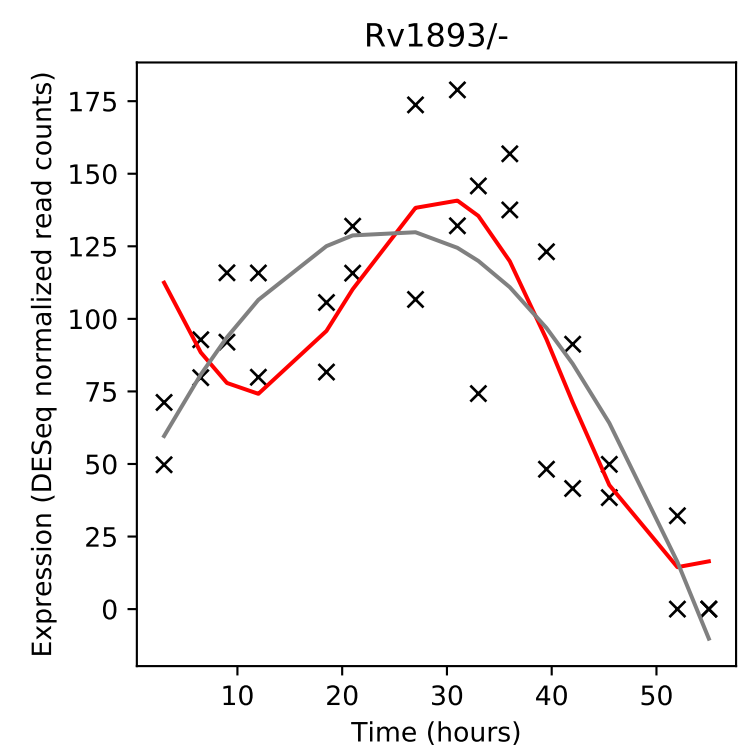

Rv1888A/-
Expression (DESeq normalized read counts)
Time (hours)

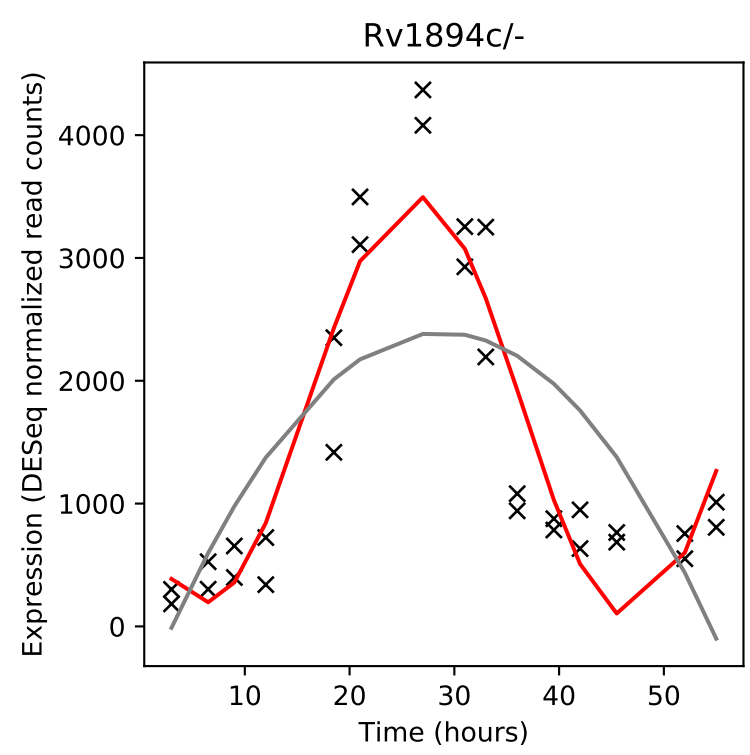

Rv1889c/-
Expression (DESeq normalized read counts)
Time (hours)

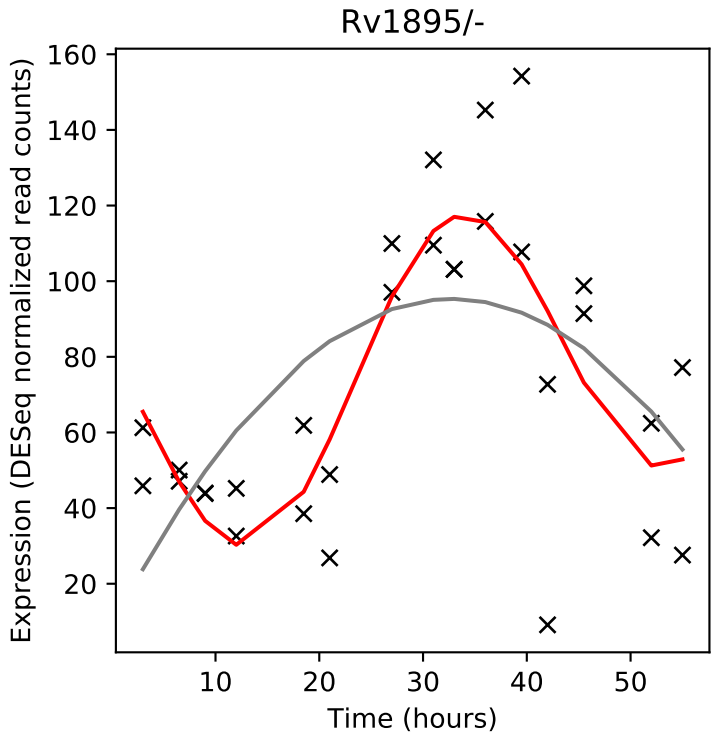

Rv1890c/-
Expression (DESeq normalized read counts)
Time (hours)

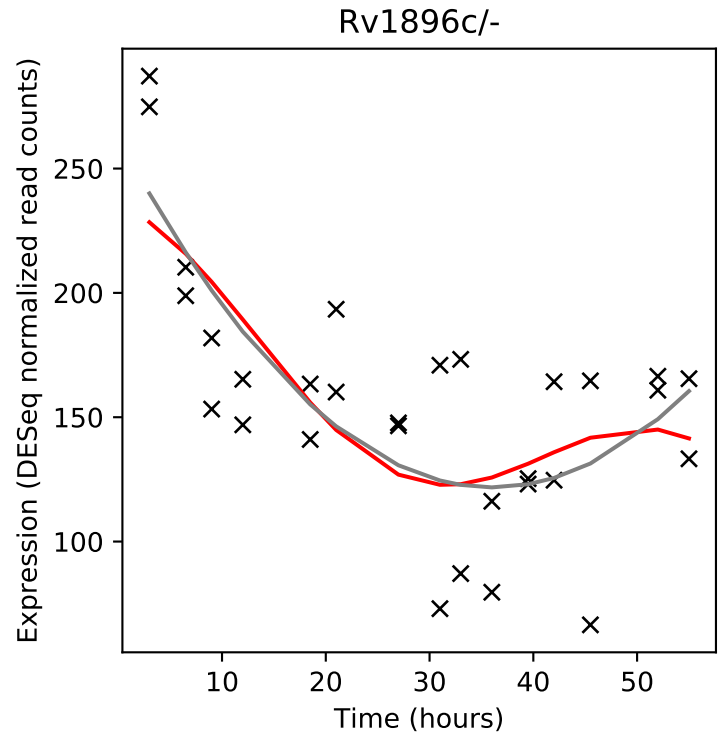

Rv1891/-
Expression (DESeq normalized read counts)
Time (hours)

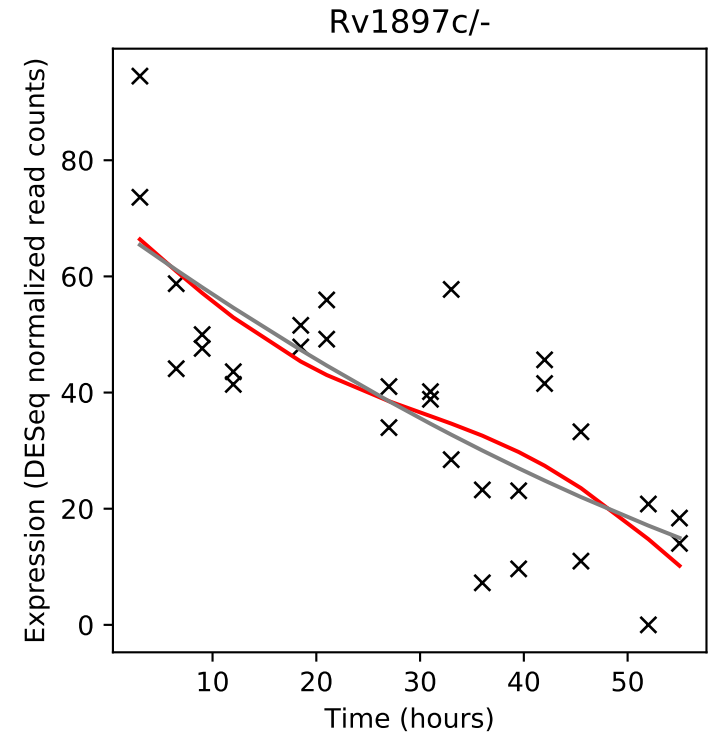

Rv1892/-
Expression (DESeq normalized read counts)
Time (hours)

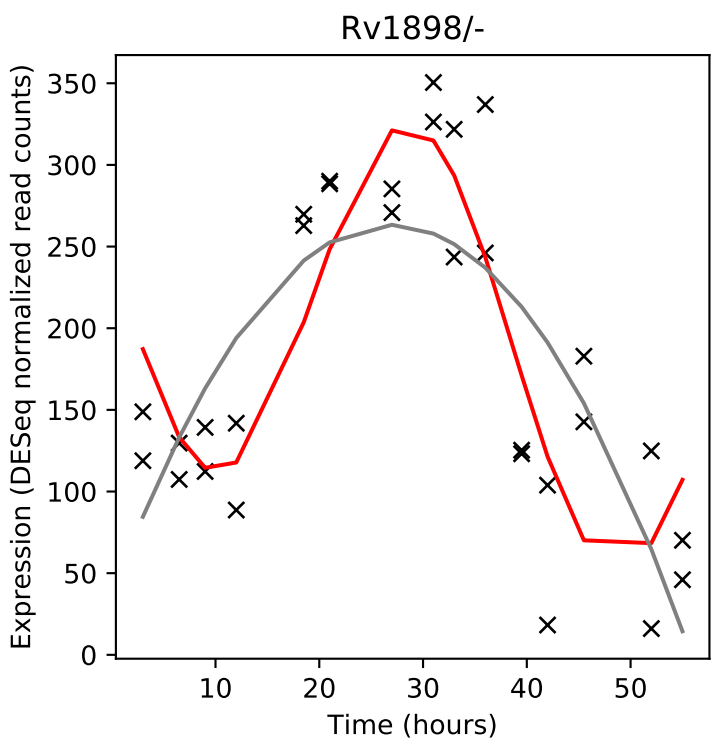

Rv1893/-
Expression (DESeq normalized read counts)
Time (hours)

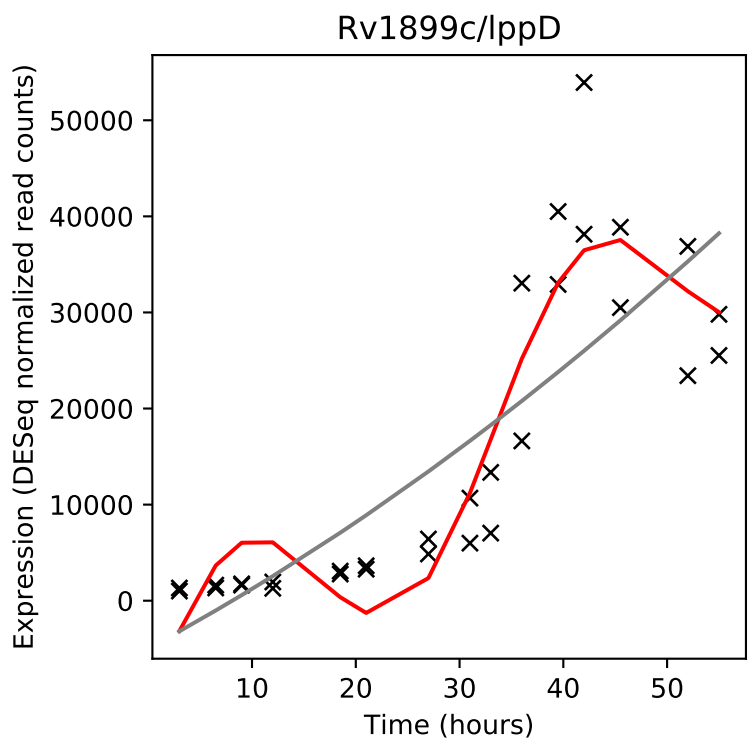

Rv1894c/-
Expression (DESeq normalized read counts)
Time (hours)

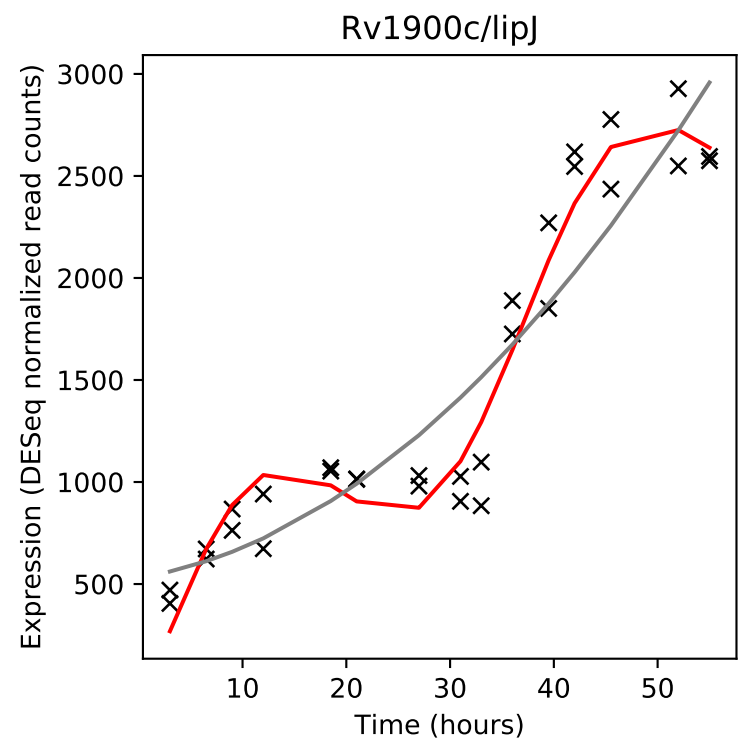

Rv1895/-
Expression (DESeq normalized read counts)
Time (hours)

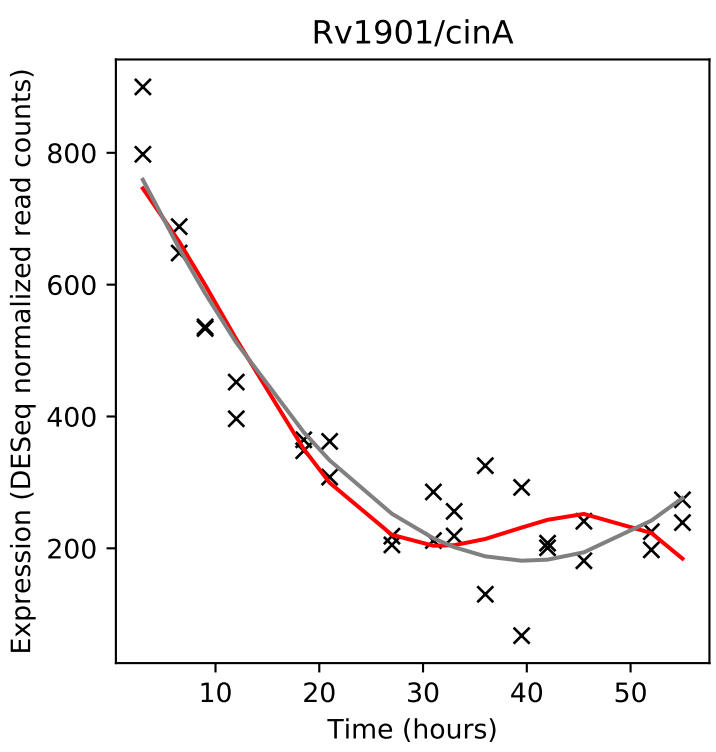

Rv1896c/-
Expression (DESeq normalized read counts)
Time (hours)

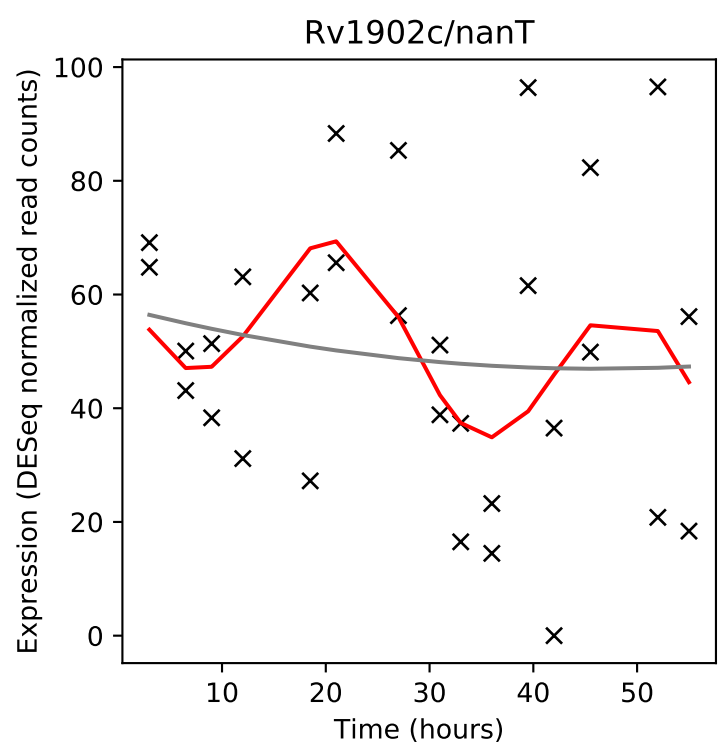

Rv1897c/-
Expression (DESeq normalized read counts)
Time (hours)

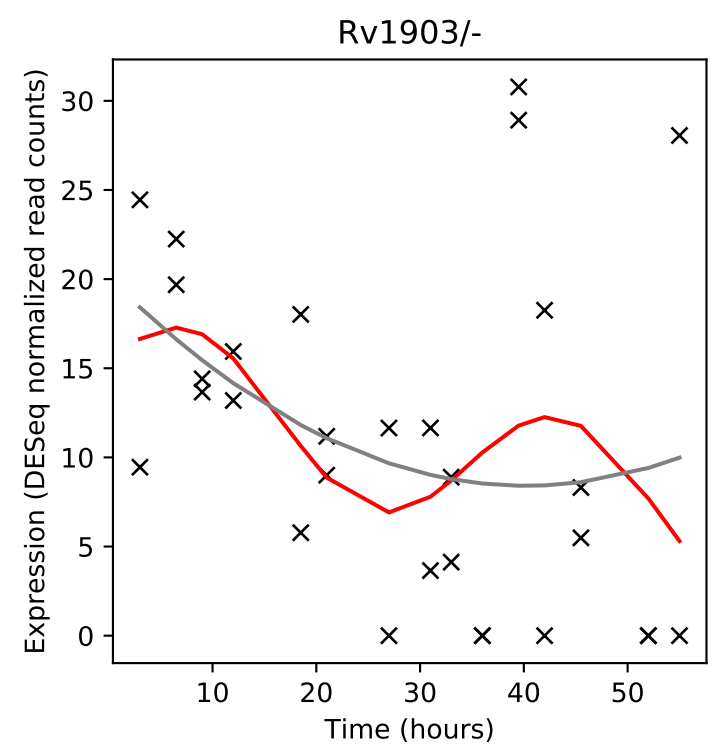

Rv1898/-
Expression (DESeq normalized read counts)
Time (hours)

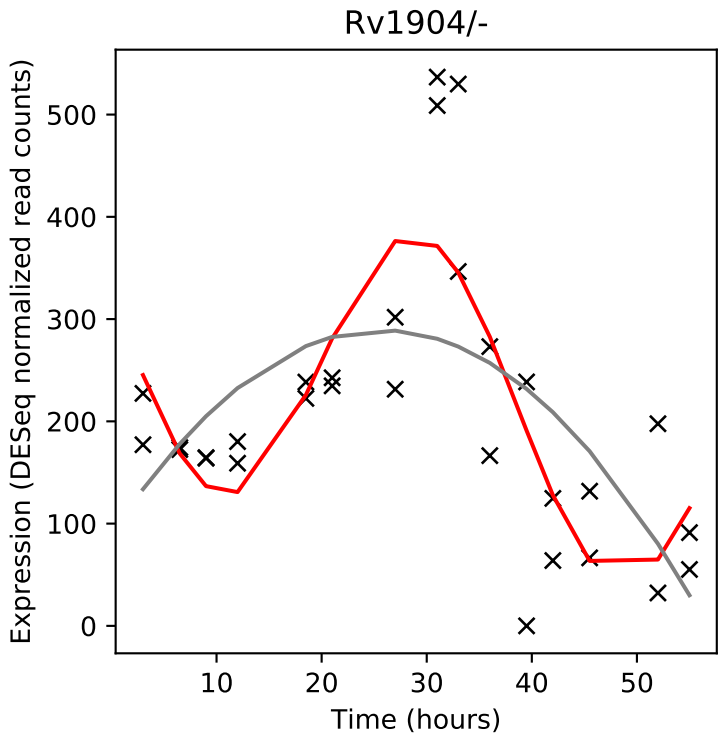

Rv1899c/lppD
Expression (DESeq normalized read counts)
Time (hours)

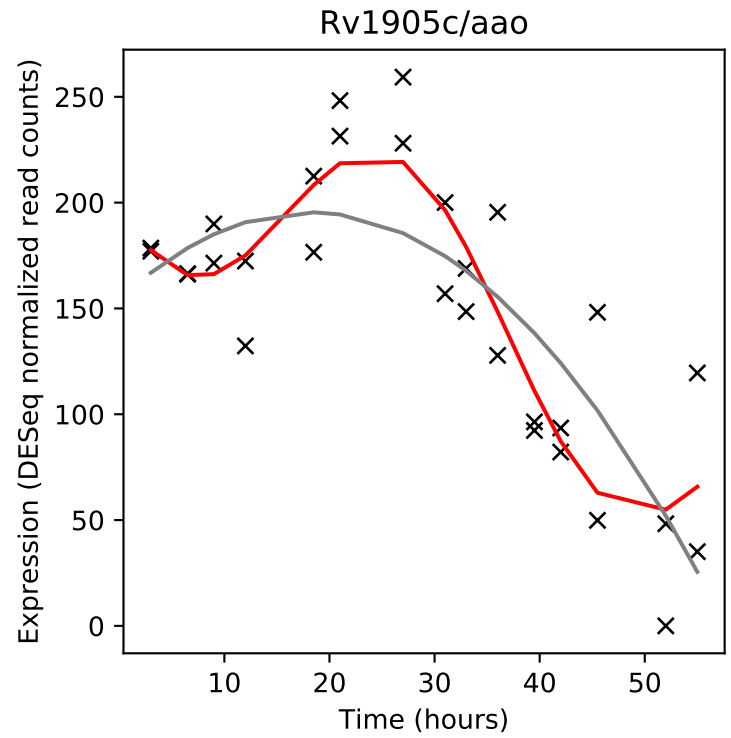

Rv1900c/lipJ
Expression (DESeq normalized read counts)
Time (hours)

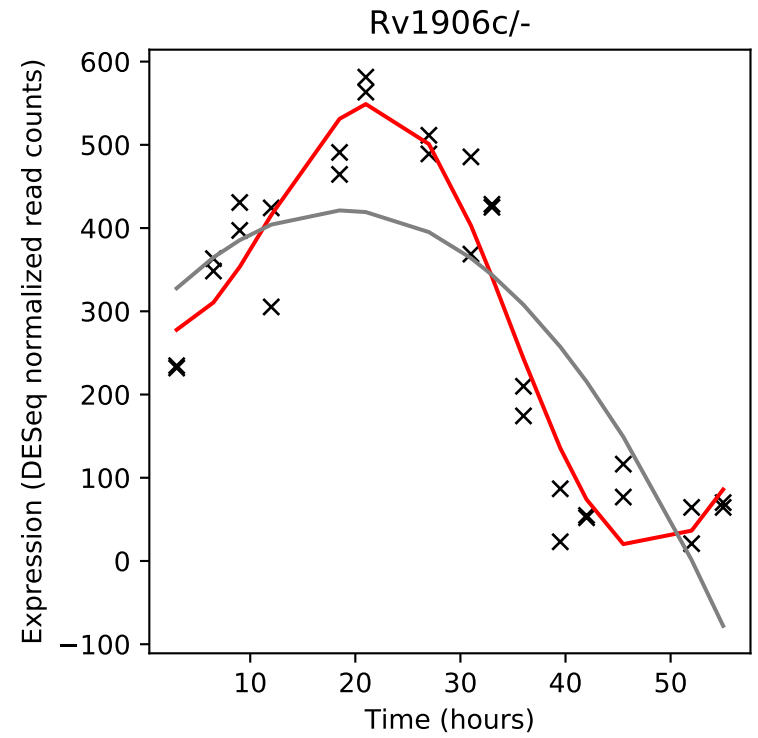

Rv1901/cinA
Expression (DESeq normalized read counts)
Time (hours)

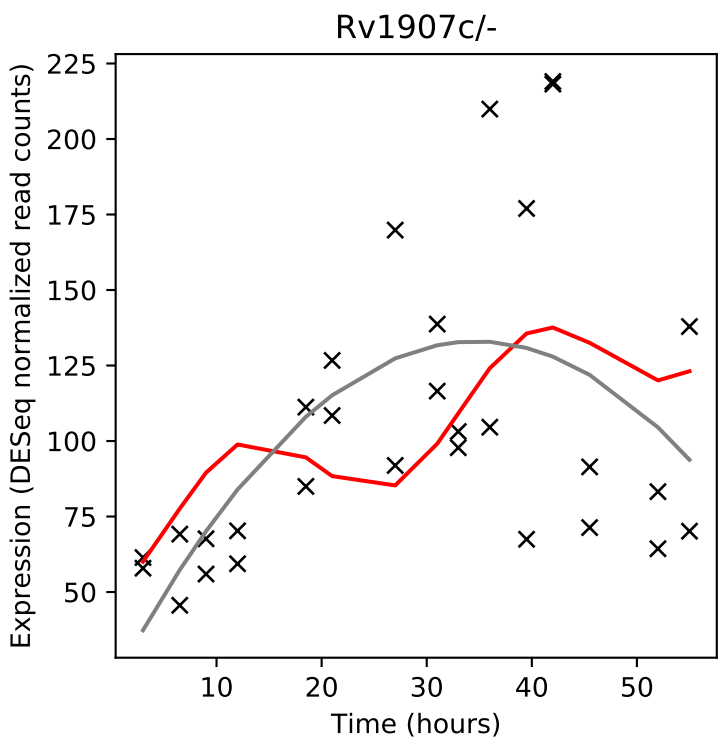

Rv1902c/nanT
Expression (DESeq normalized read counts)
Time (hours)

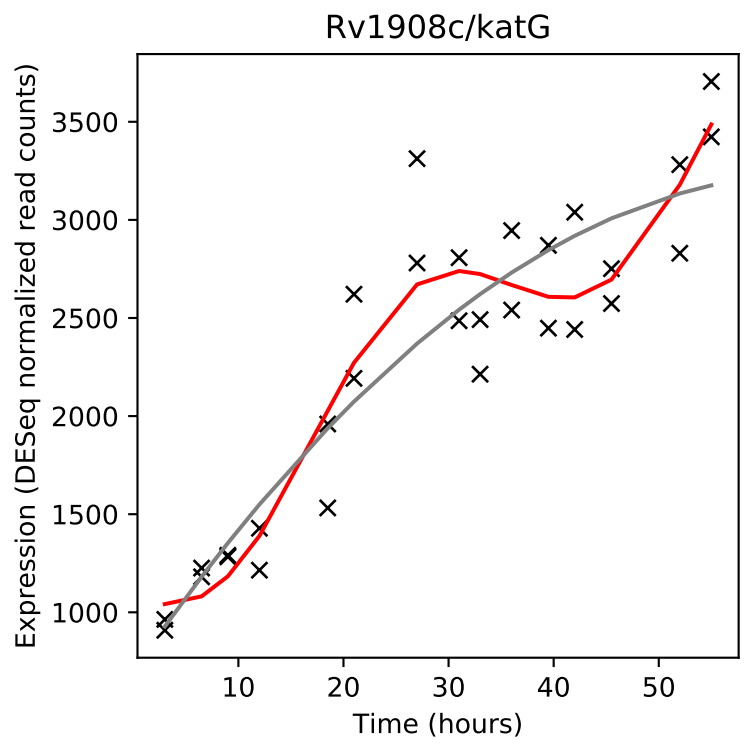

Rv1903/-
Expression (DESeq normalized read counts)
Time (hours)

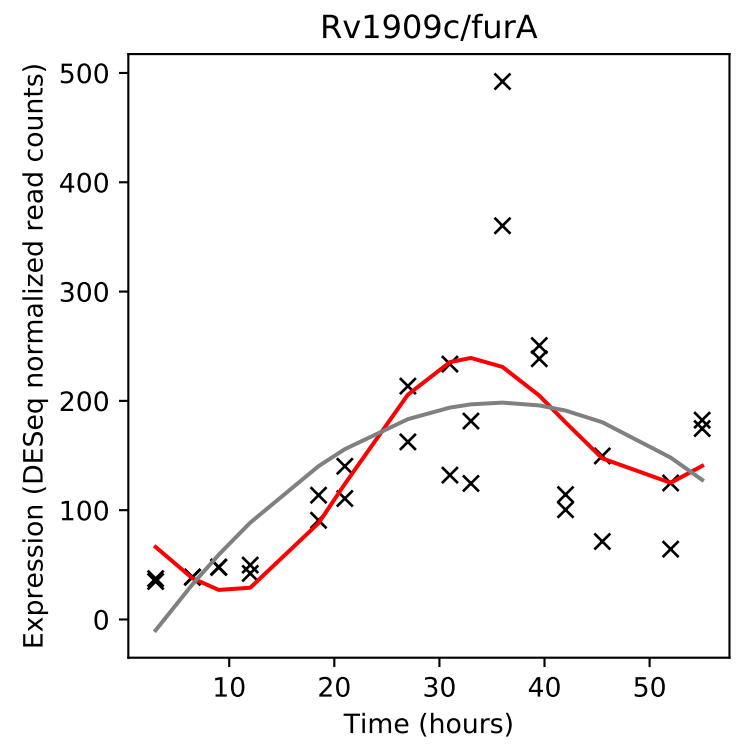

Rv1904/-
Expression (DESeq normalized read counts)
Time (hours)

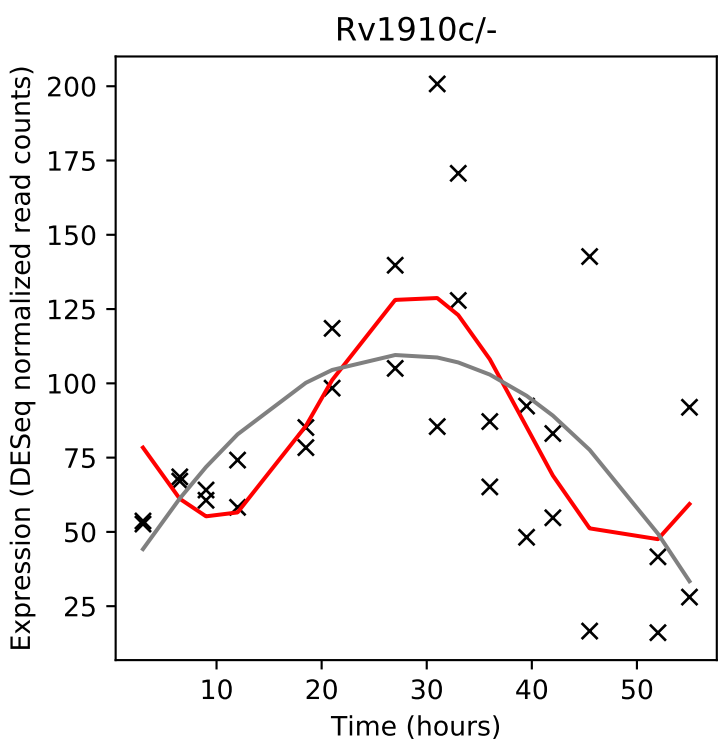

Rv1905c/aao
Expression (DESeq normalized read counts)
Time (hours)

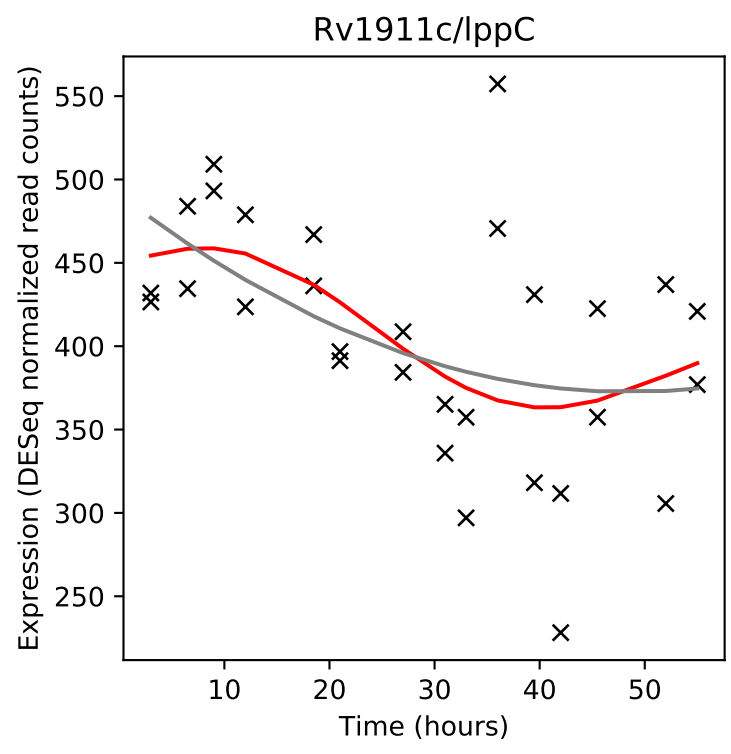

Rv1906c/-
Expression (DESeq normalized read counts)
Time (hours)

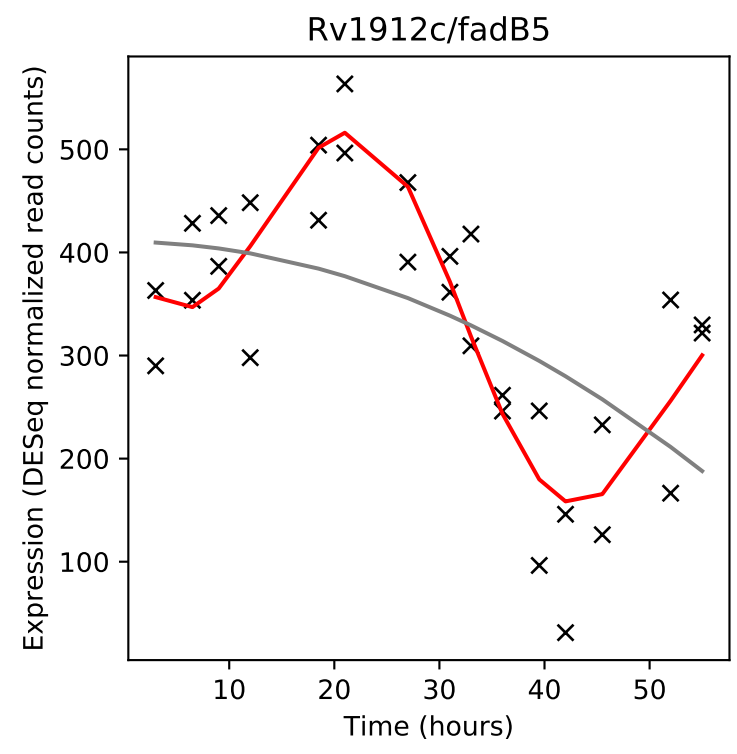

Rv1907c/-
Expression (DESeq normalized read counts)
Time (hours)

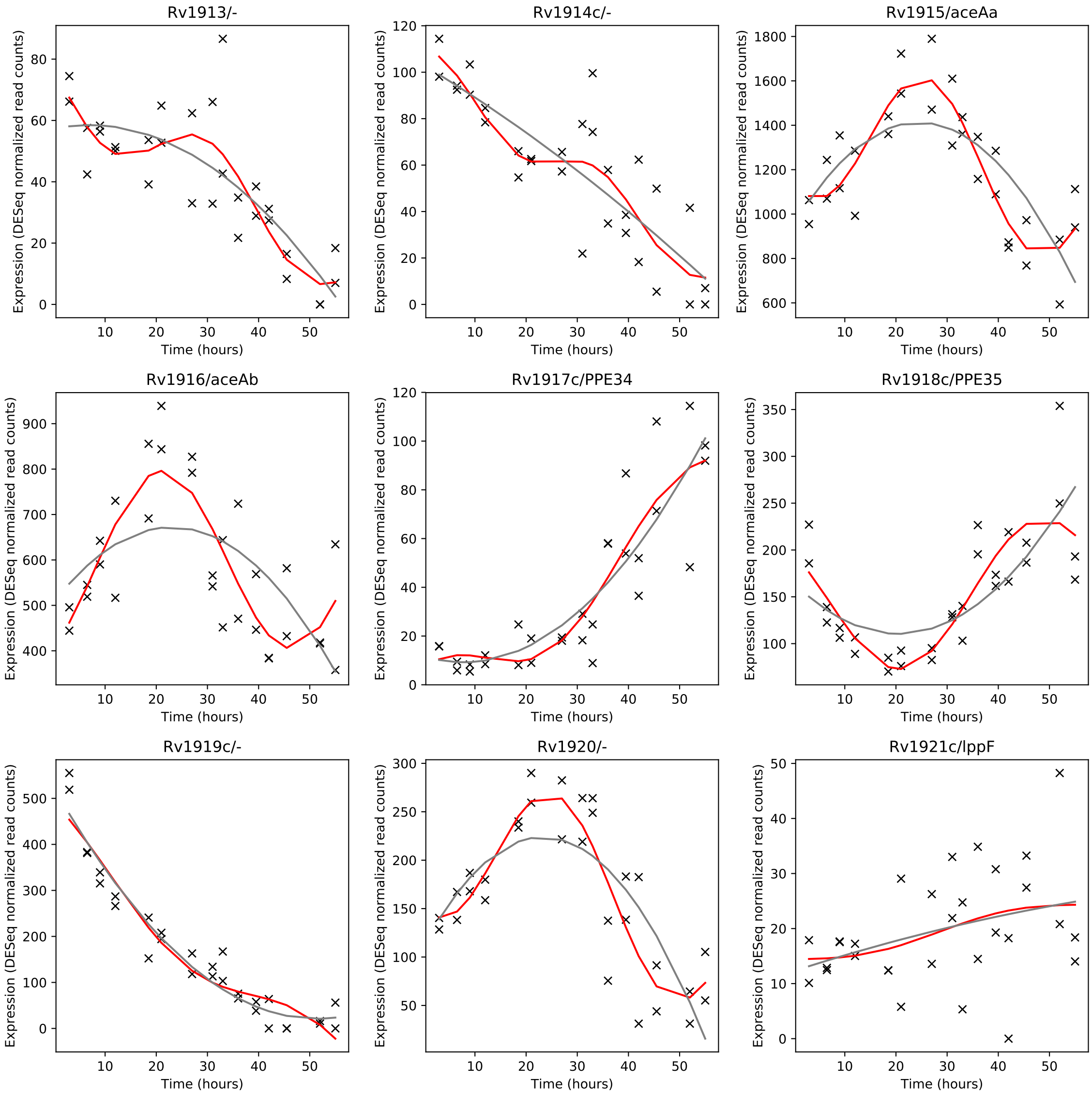

Rv1908c/katG
Expression (DESeq normalized read counts)
Time (hours)

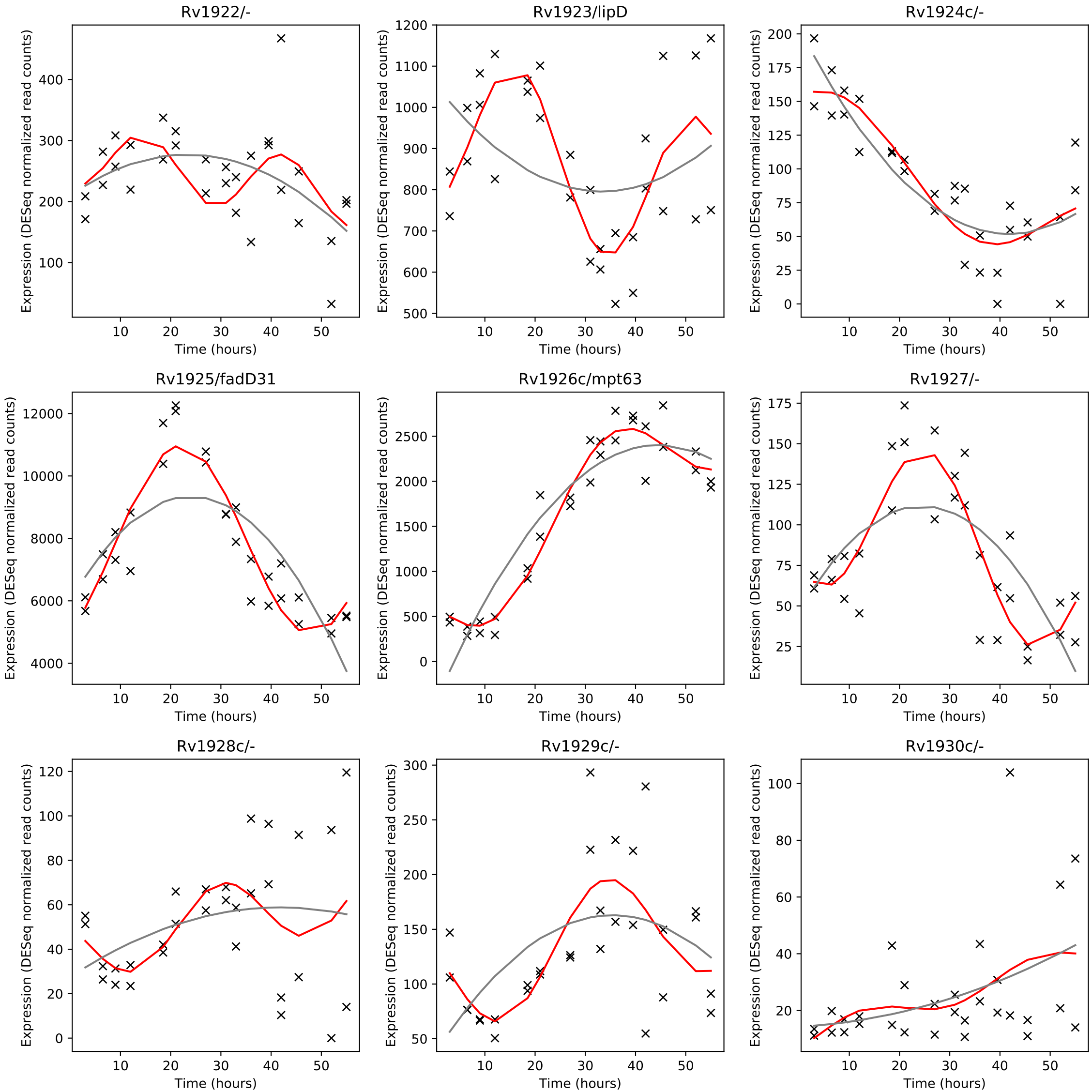

Rv1909c/furA
Expression (DESeq normalized read counts)
Time (hours)

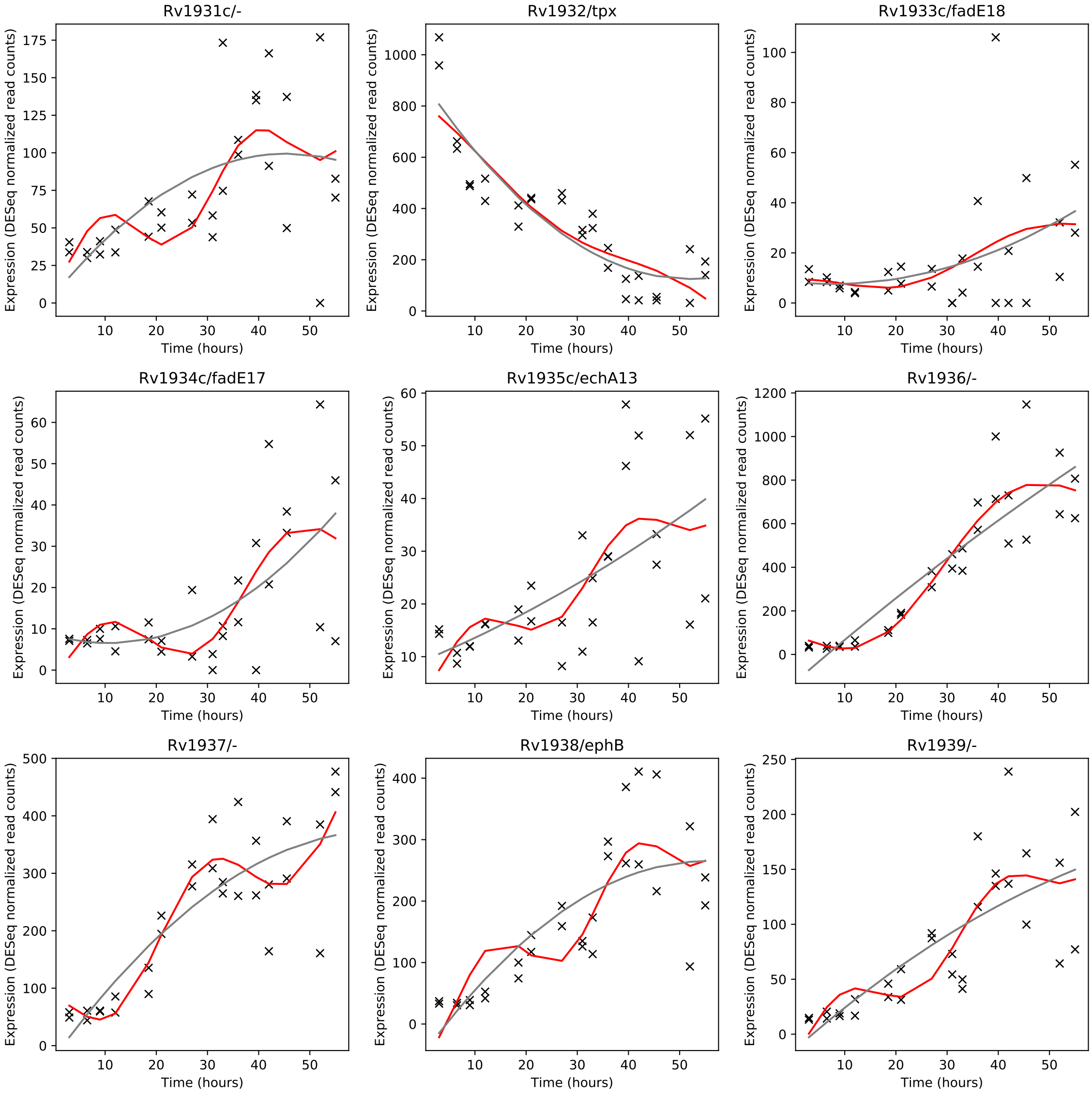

Rv1910c/-
Expression (DESeq normalized read counts)
Time (hours)

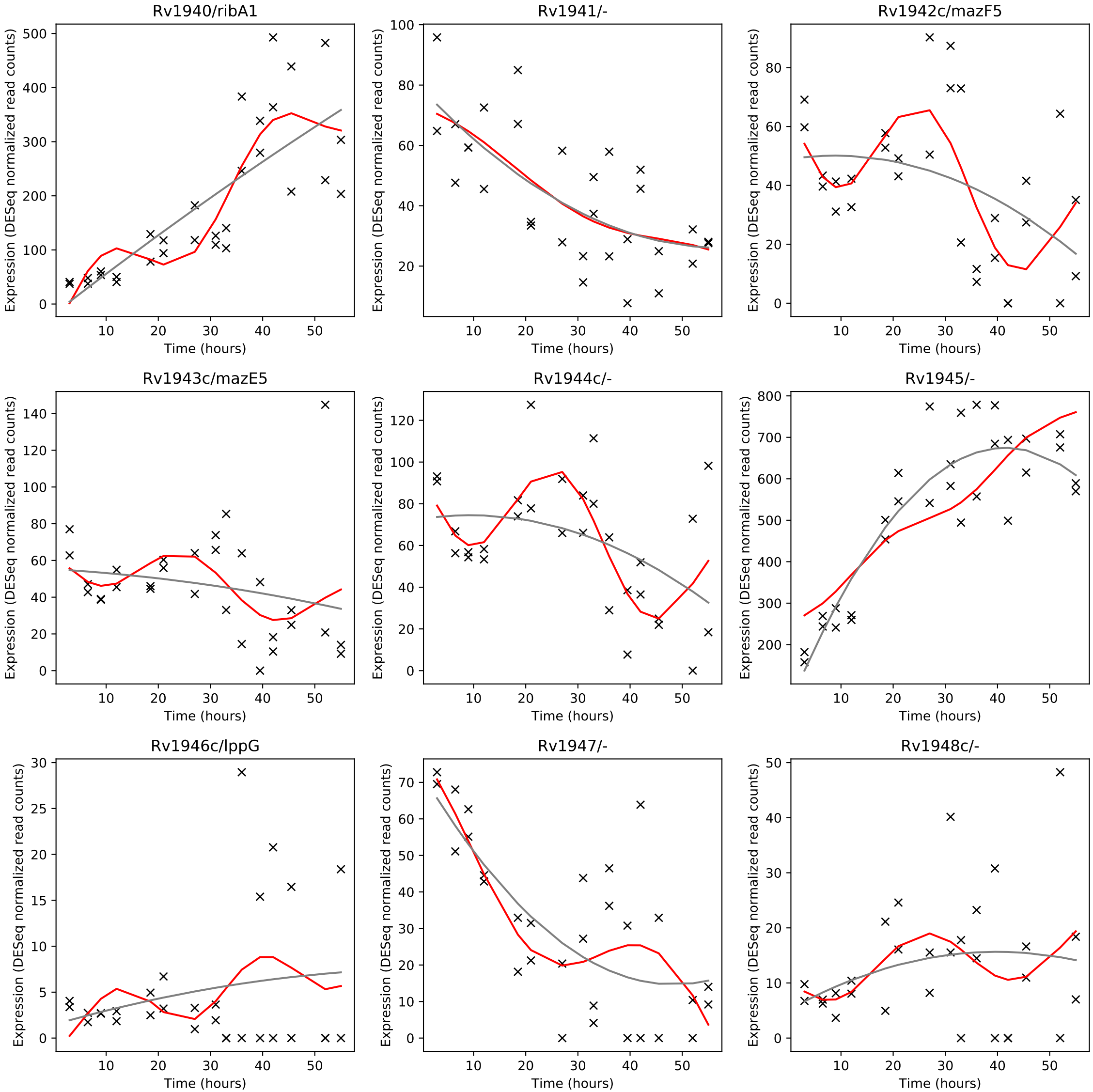

Rv1911c/lppC
Expression (DESeq normalized read counts)
Time (hours)

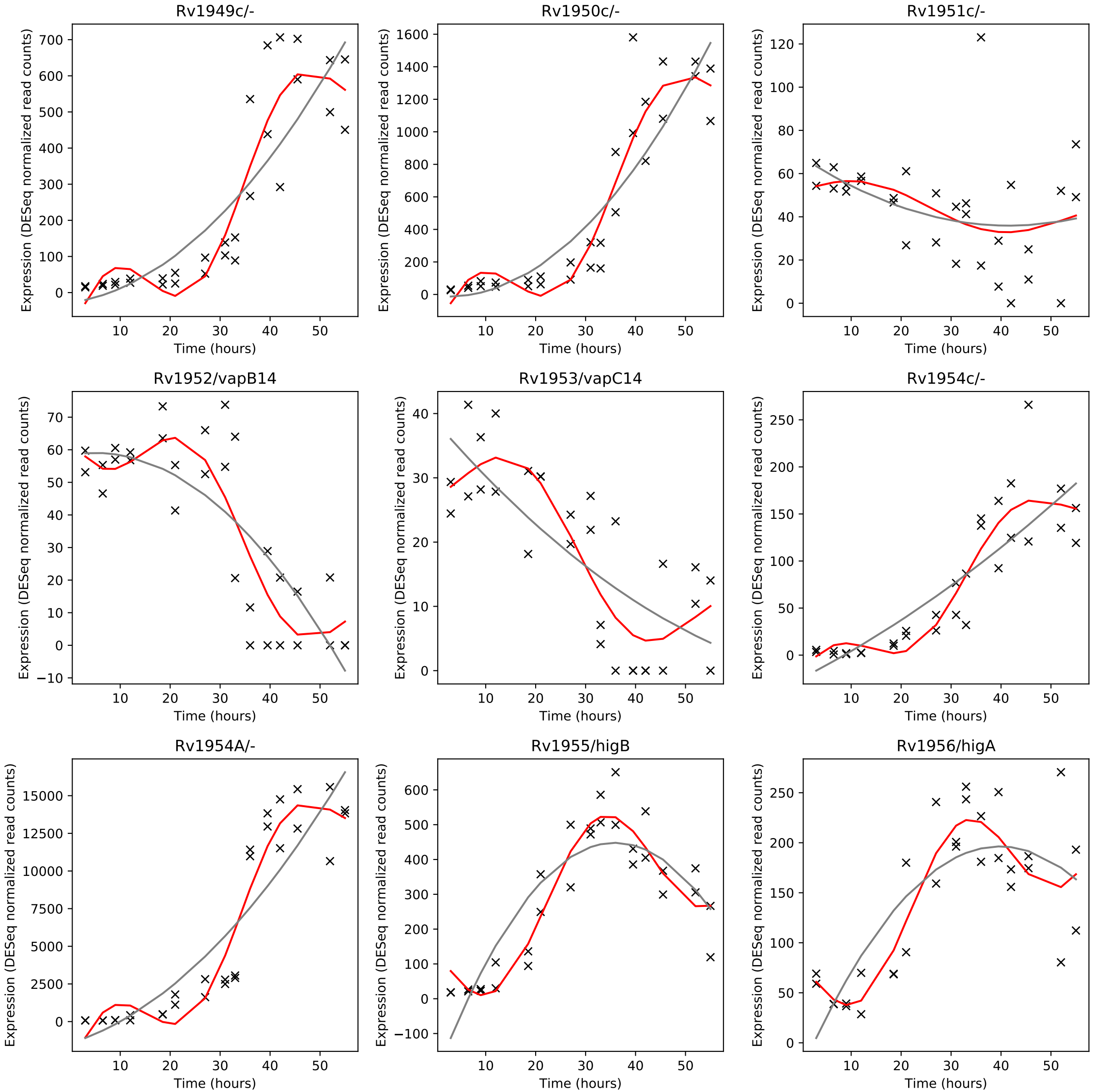

Rv1912c/fadB5
Expression (DESeq normalized read counts)
Time (hours)

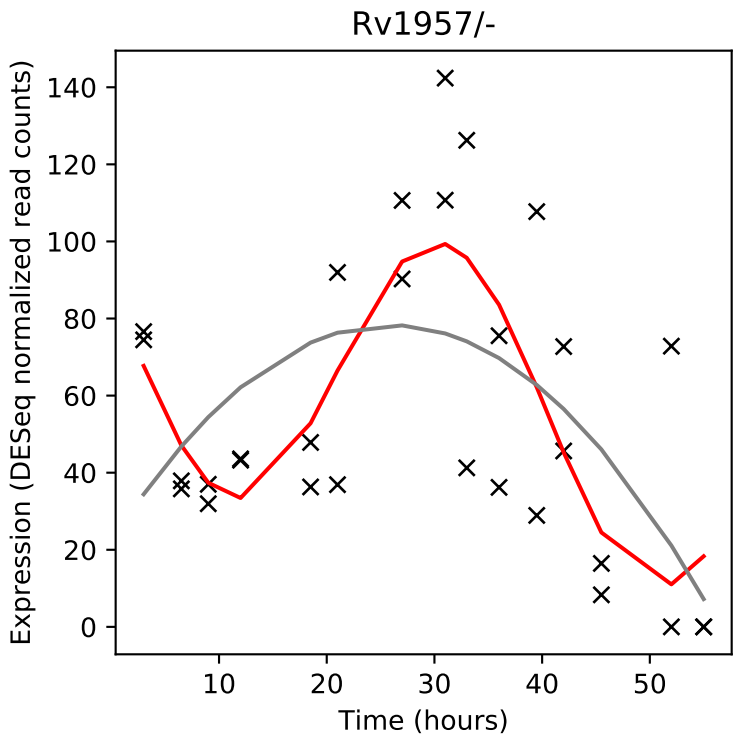

Rv1913/-
Rv1914c/-
Rv1915/aceAa
Rv1916/aceAb
Rv1917c/PPE34
Rv1918c/PPE35
Rv1919c/-
Rv1920/-
Rv1921c/lppF
Expression (DESeq normalized read counts)
Time (hours)

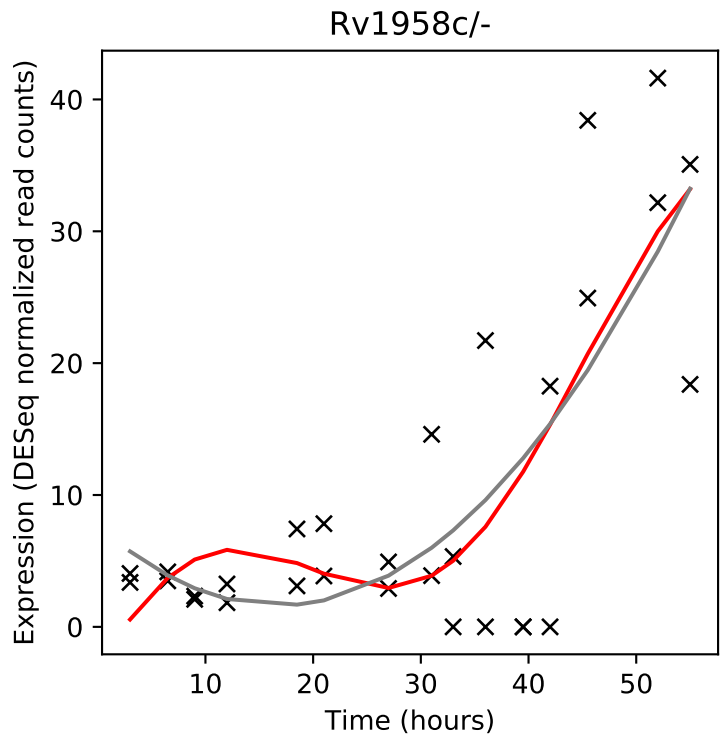

Rv1922/-
Rv1923/lipD
Rv1924c/-
Rv1925/fadD31
Rv1926c/mpt63
Rv1927/-
Rv1928c/-
Rv1929c/-
Rv1930c/-
Expression (DESeq normalized read counts)
Time (hours)

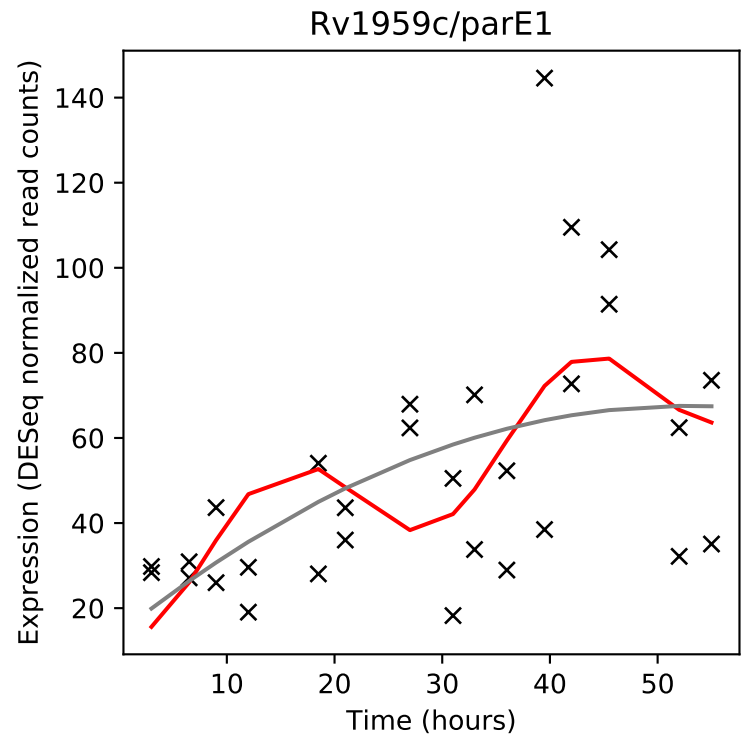

Rv1931c/-
Rv1932/tpx
Rv1933c/fadE18
Rv1934c/fadE17
Rv1935c/echA13
Rv1936/-
Rv1937/-
Rv1938/ephB
Rv1939/-
Expression (DESeq normalized read counts)
Time (hours)

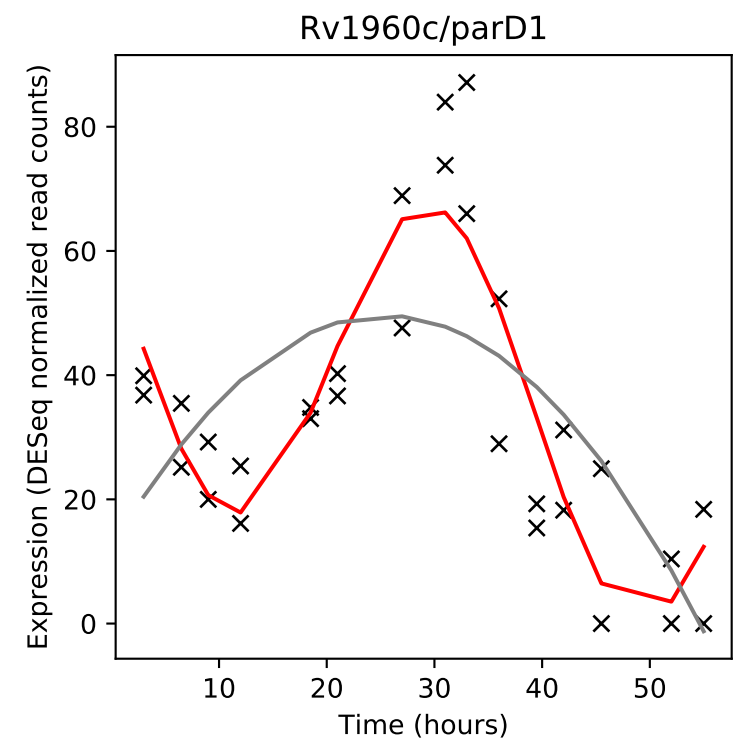

Rv1940/ribA1
Rv1941/-
Rv1942c/mazF5
Rv1943c/mazE5
Rv1944c/-
Rv1945/-
Rv1946c/lppG
Rv1947/-
Rv1948c/-
Expression (DESeq normalized read counts)
Time (hours)

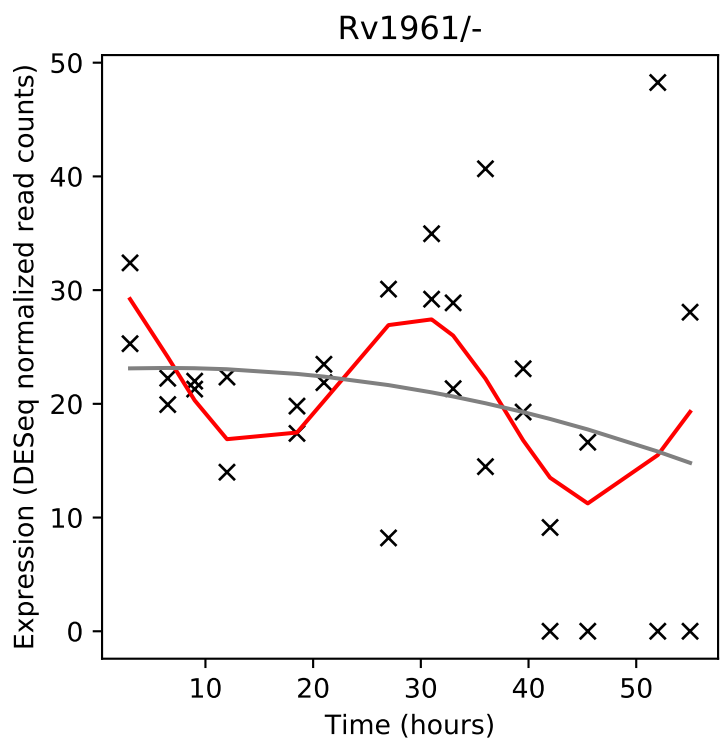

Rv1949c/-
Rv1950c/-
Rv1951c/-
Rv1952/vapB14
Rv1953/vapC14
Rv1954c/-
Rv1954A/-
Rv1955/higB
Rv1956/higA
Expression (DESeq normalized read counts)
Time (hours)

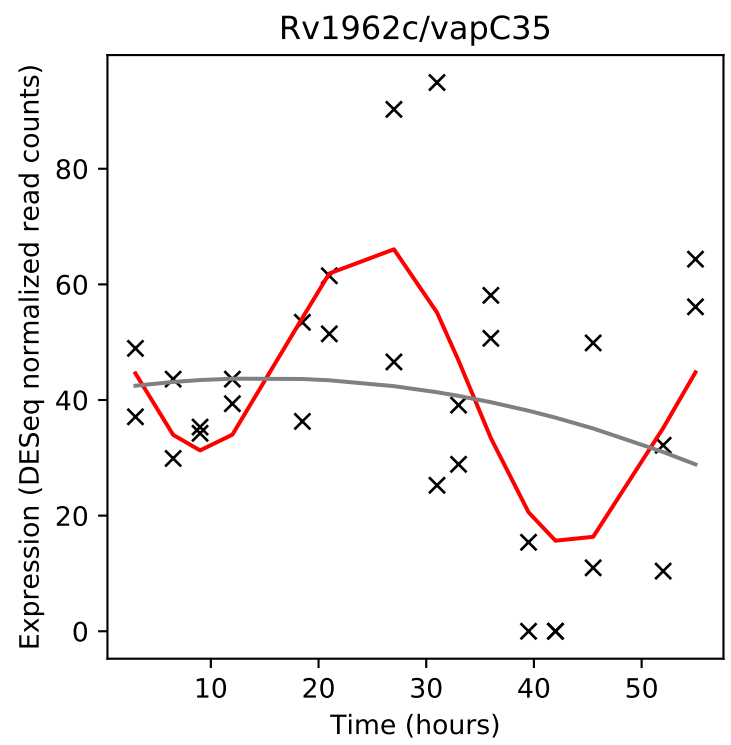

Rv1957/-
Expression (DESeq normalized read counts)
Time (hours)

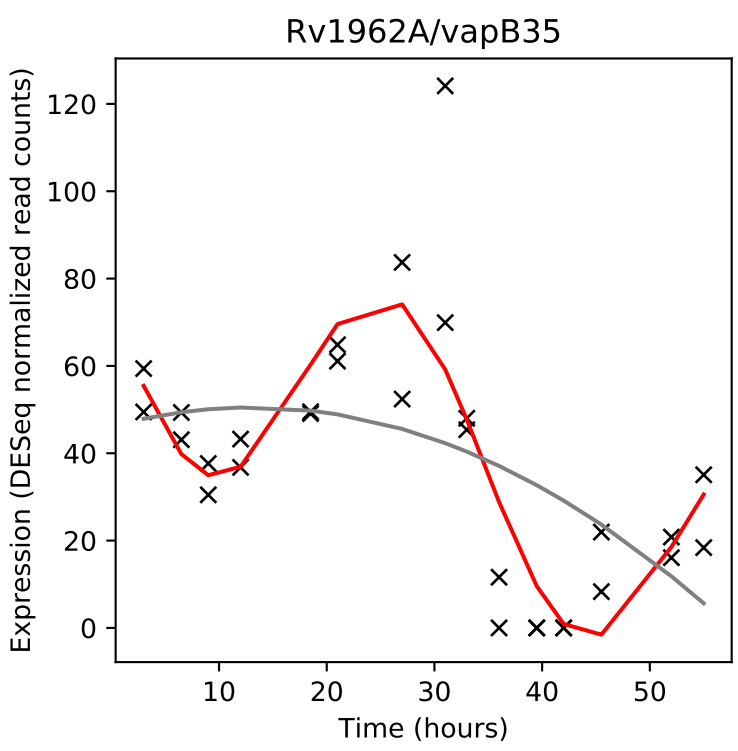

Rv1958c/-
Expression (DESeq normalized read counts)
Time (hours)

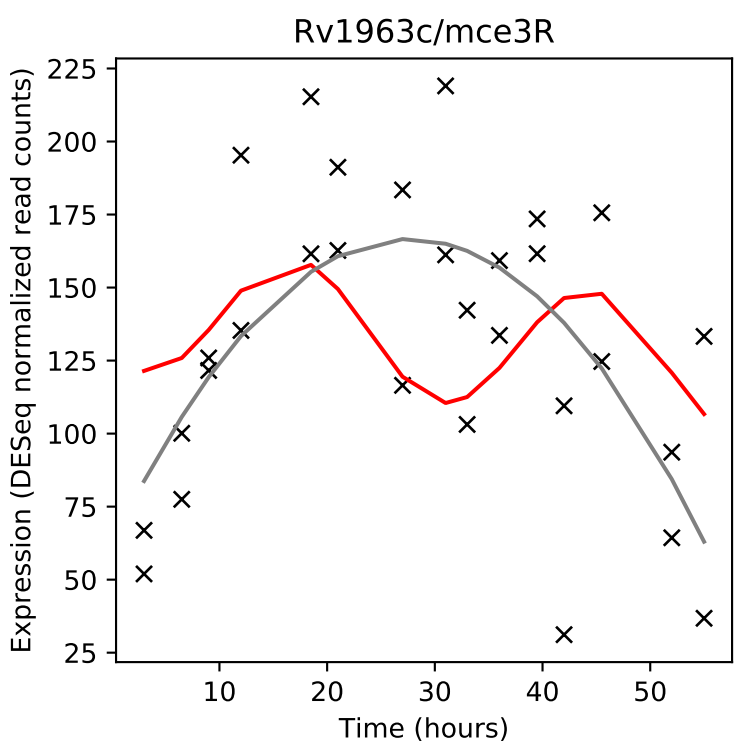

Rv1959c/parE1
Expression (DESeq normalized read counts)
Time (hours)

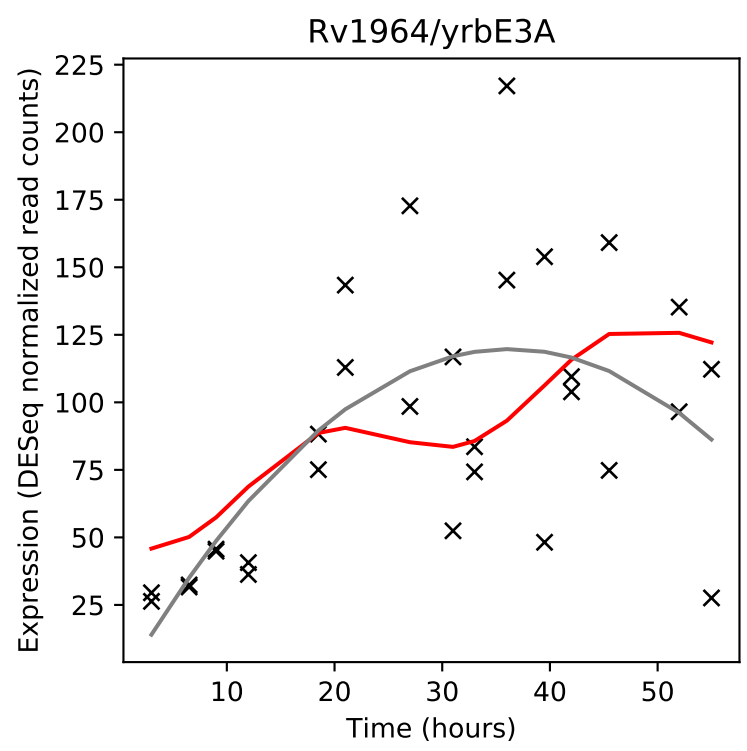

Rv1960c/parD1
Expression (DESeq normalized read counts)
Time (hours)

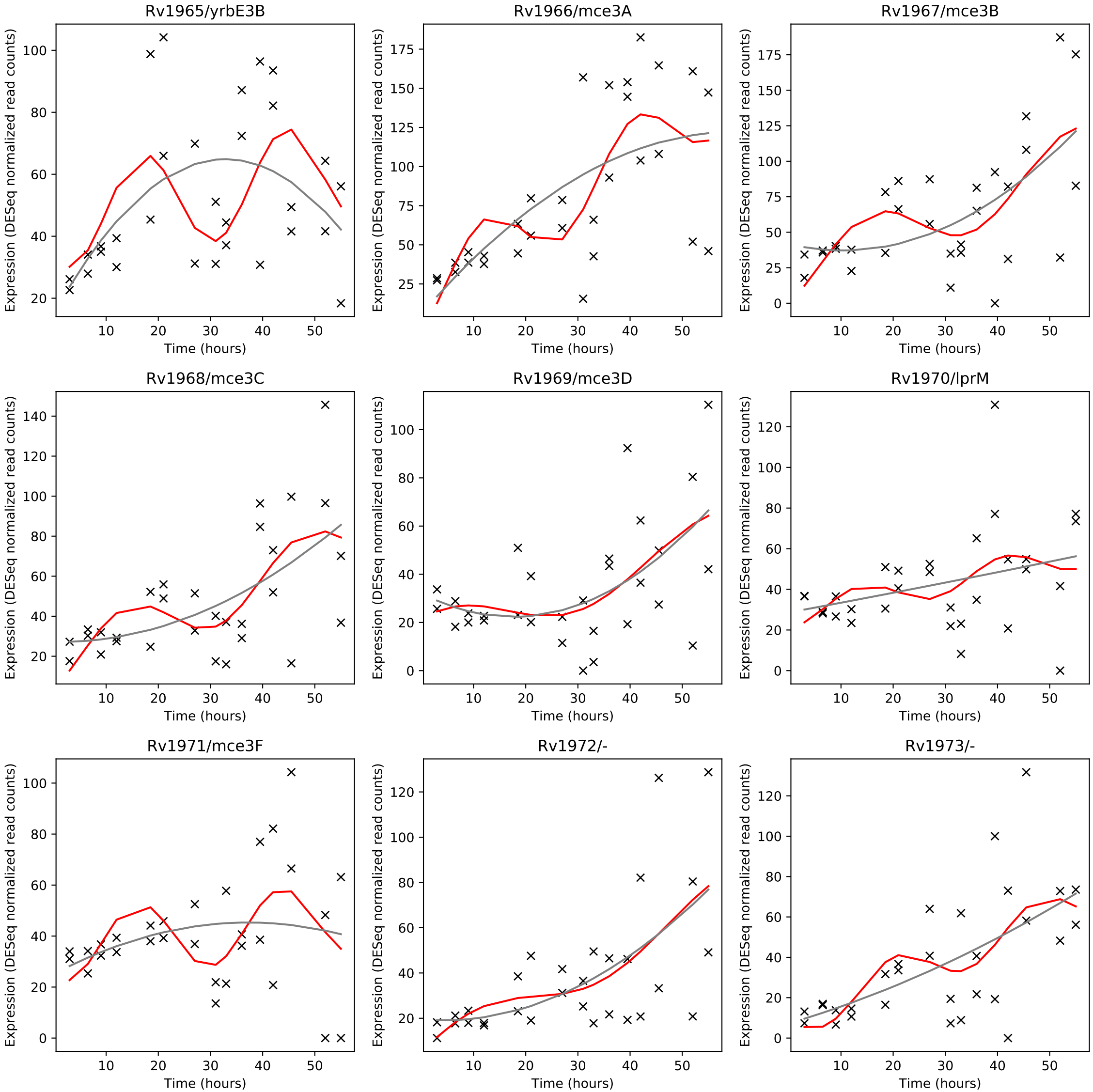

Rv1961/-
Expression (DESeq normalized read counts)
Time (hours)

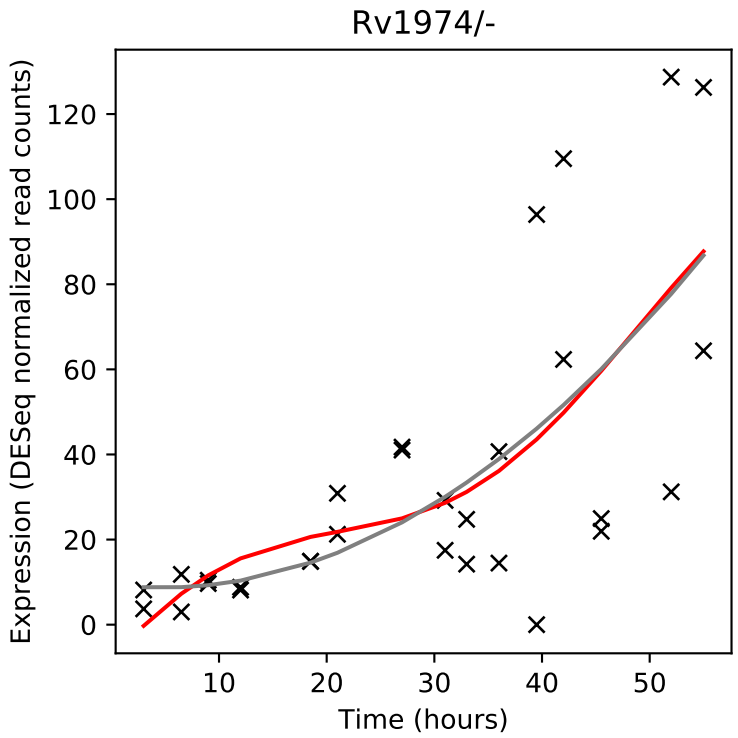

Rv1962c/vapC35
Expression (DESeq normalized read counts)
Time (hours)

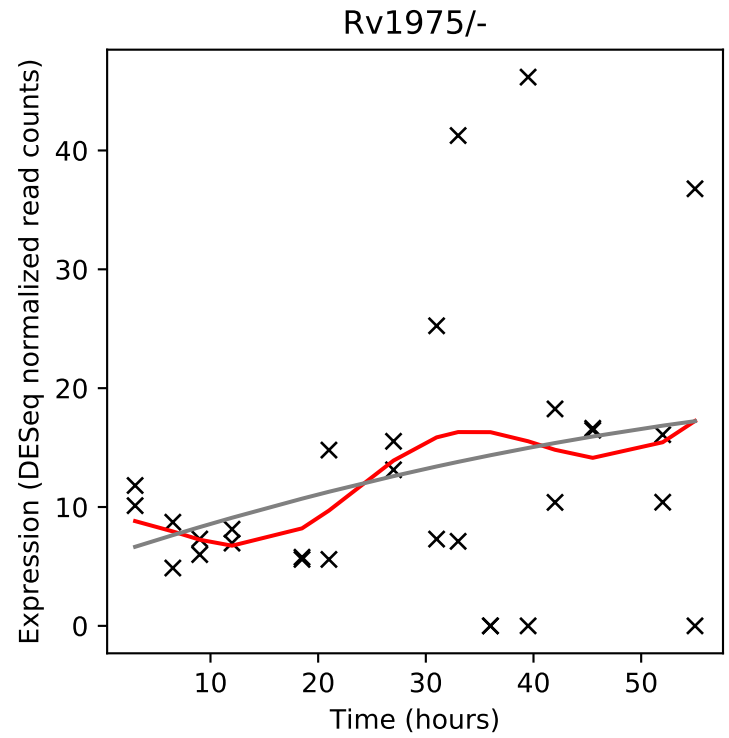

Rv1962A/vapB35
Expression (DESeq normalized read counts)
Time (hours)

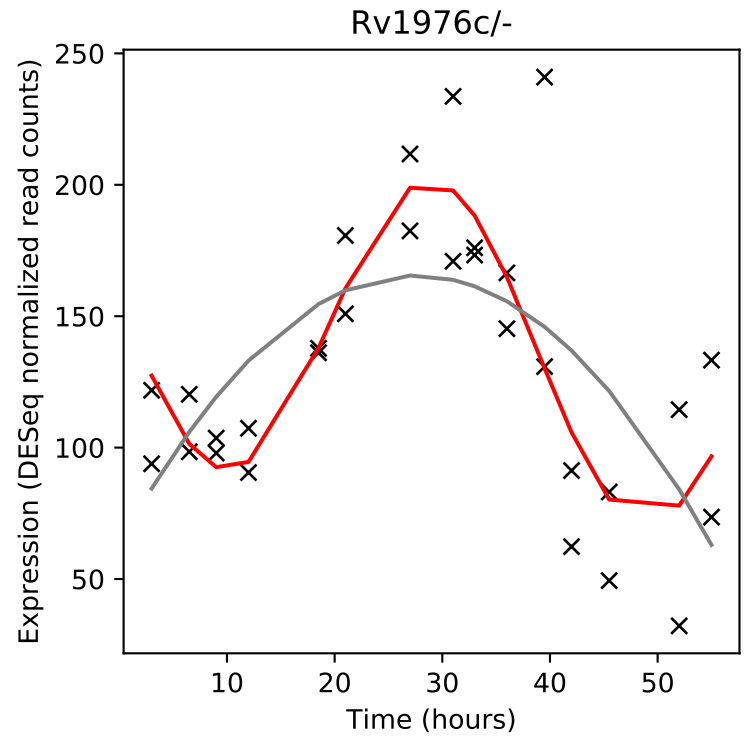

Rv1963c/mce3R
Expression (DESeq normalized read counts)
Time (hours)

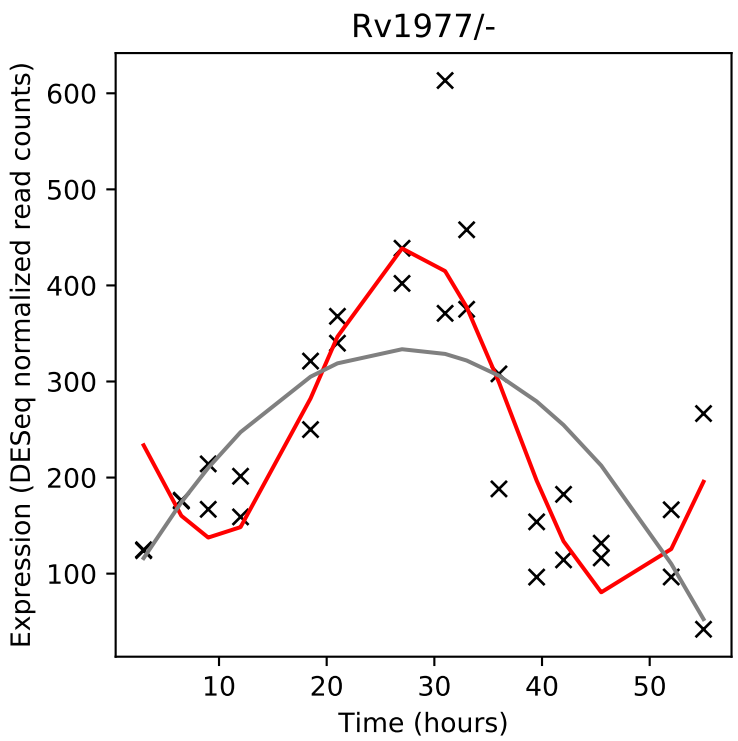

Rv1964/yrbE3A
Expression (DESeq normalized read counts)
Time (hours)

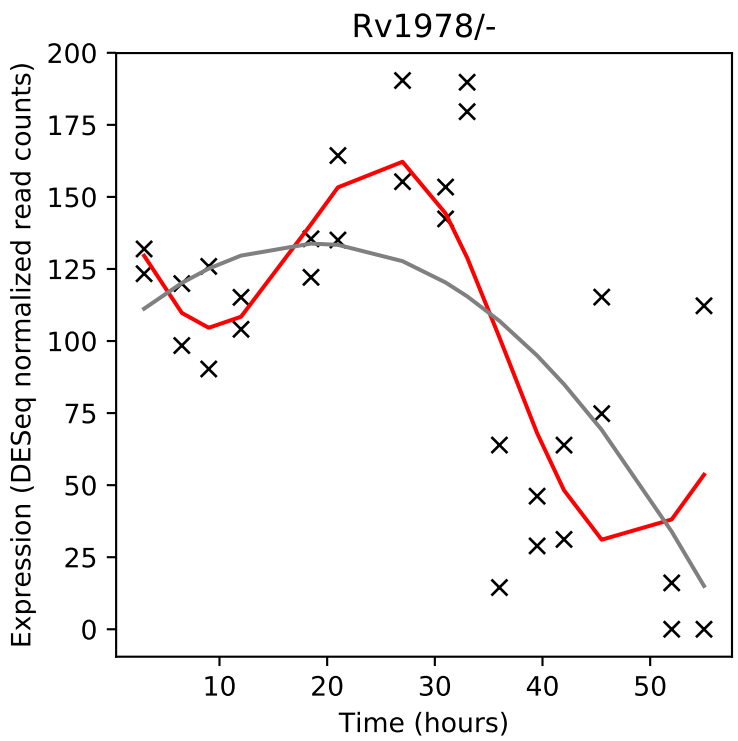

Rv1965/yrbE3B
Rv1966/mce3A
Rv1967/mce3B
Rv1968/mce3C
Rv1969/mce3D
Rv1970/lprM
Rv1971/mce3F
Rv1972/-
Rv1973/-
Expression (DESeq normalized read counts)
Time (hours)

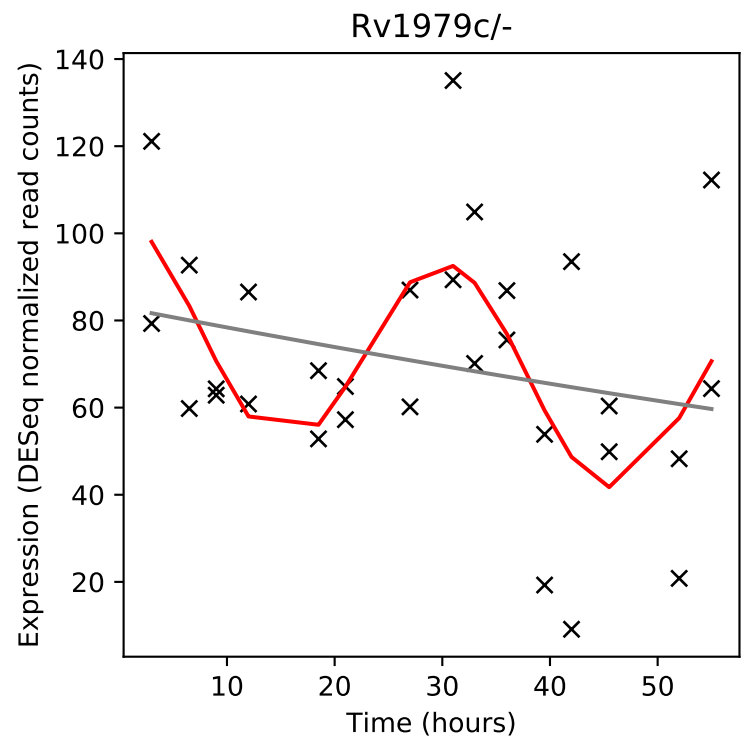

Rv1974/-
Expression (DESeq normalized read counts)
Time (hours)

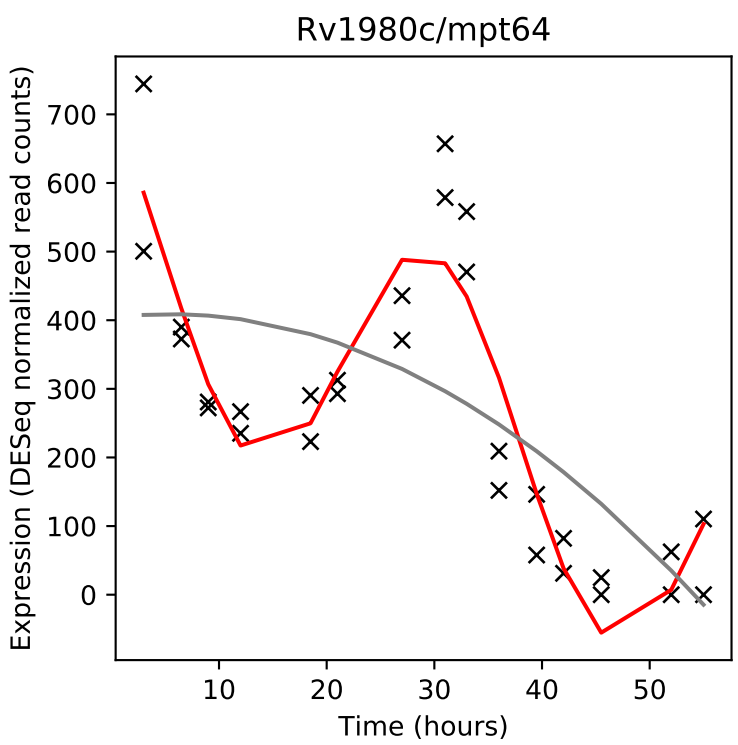

Rv1975/-
Expression (DESeq normalized read counts)
Time (hours)

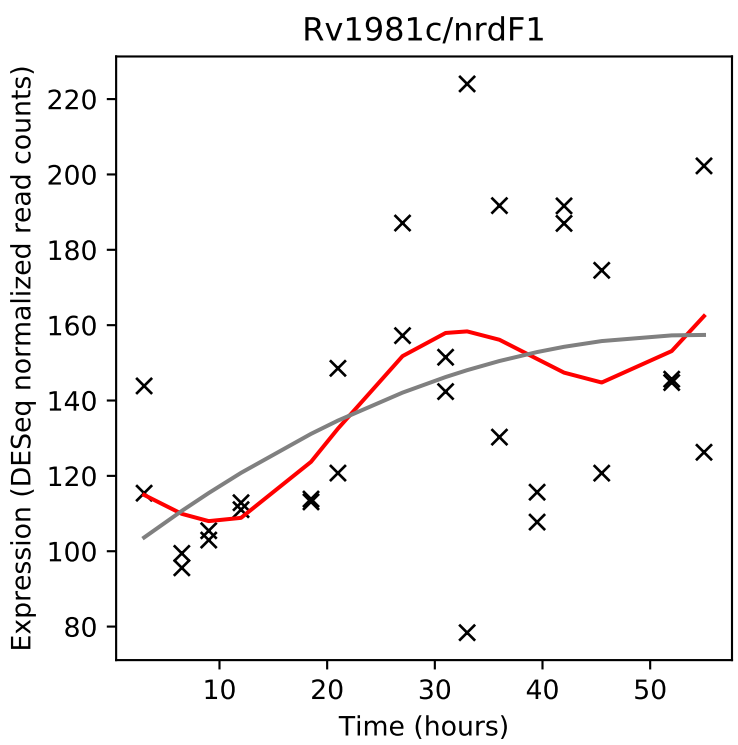

Rv1976c/-
Expression (DESeq normalized read counts)
Time (hours)

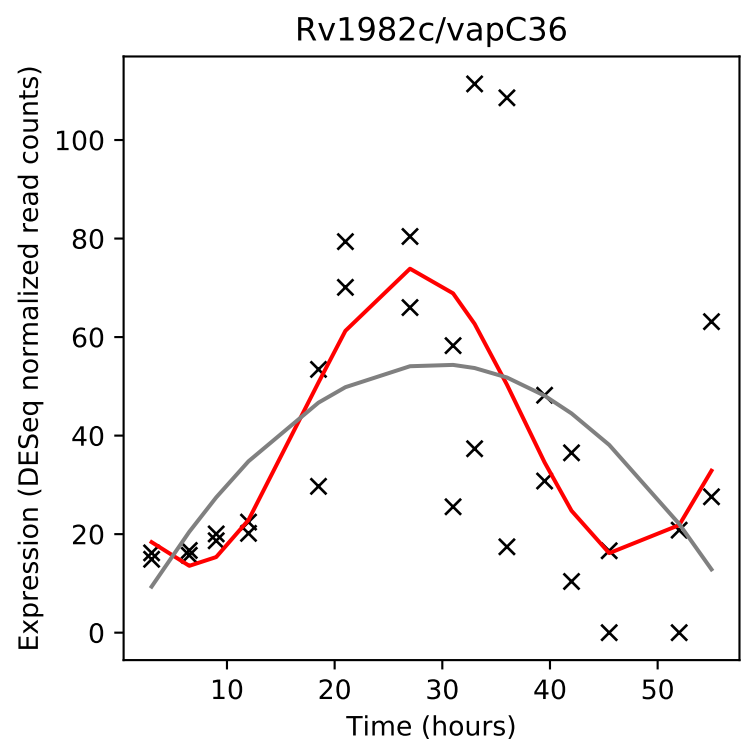

Rv1977/-
Expression (DESeq normalized read counts)
Time (hours)

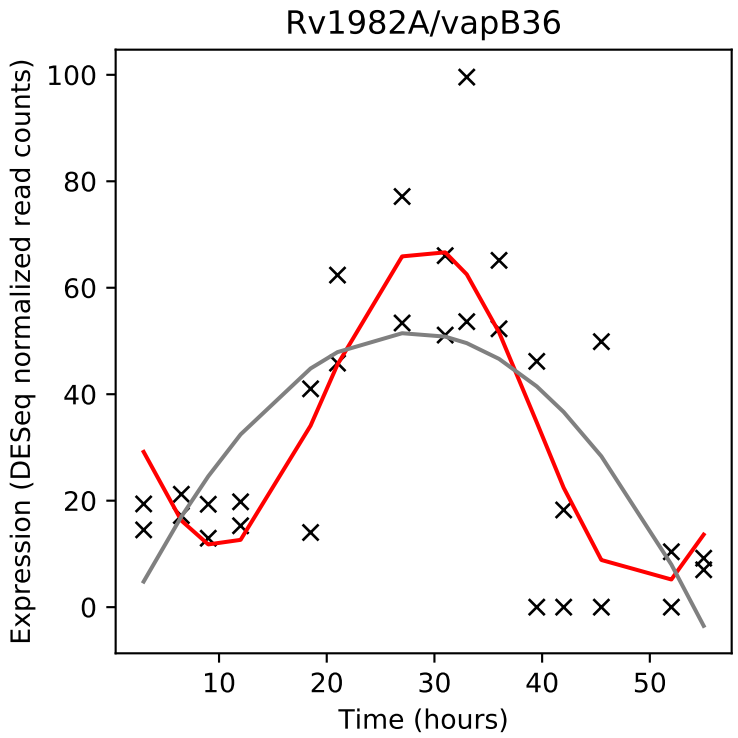

Rv1978/-
Expression (DESeq normalized read counts)
Time (hours)

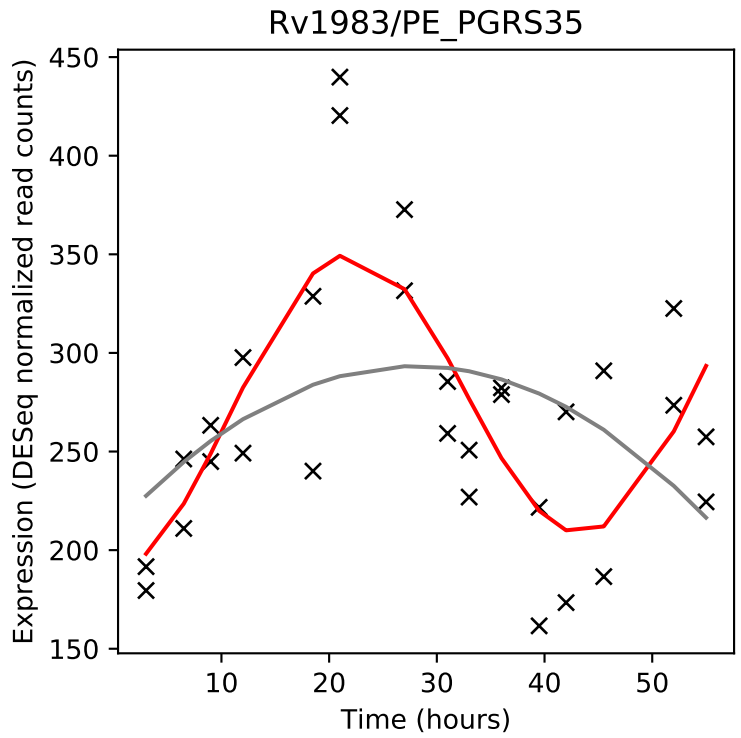

Rv1979c/-
Expression (DESeq normalized read counts)
Time (hours)

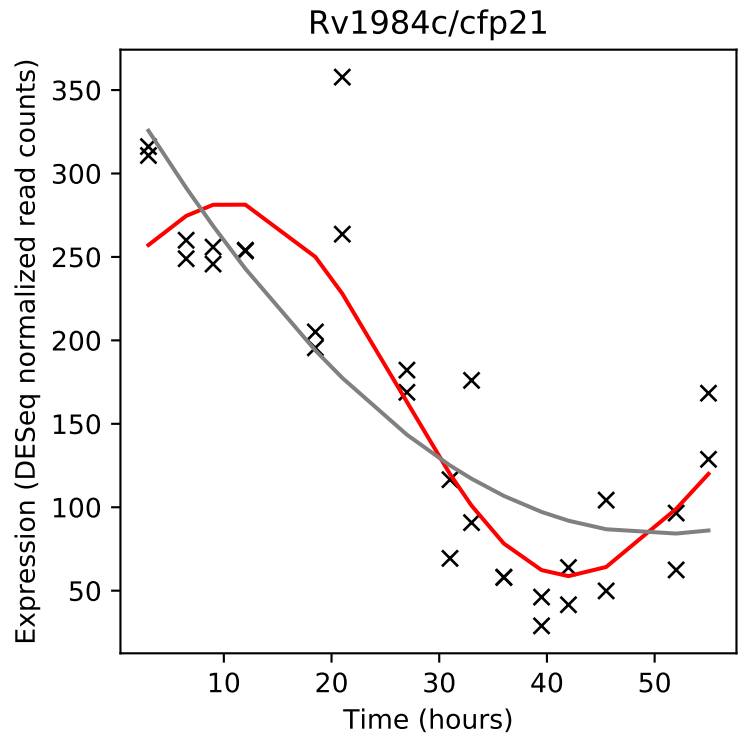

Rv1980c/mpt64
Expression (DESeq normalized read counts)
Time (hours)

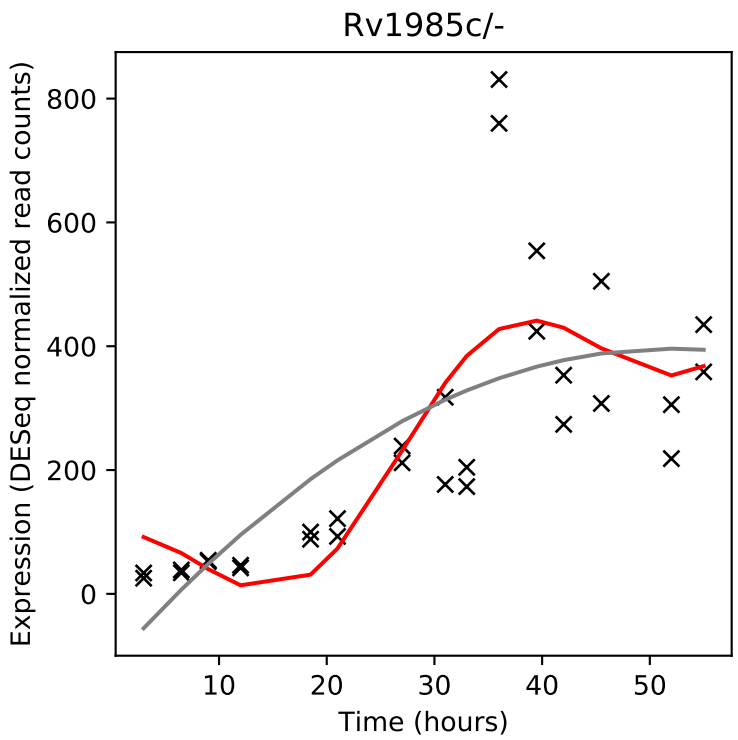

Rv1981c/nrdF1
Expression (DESeq normalized read counts)
Time (hours)

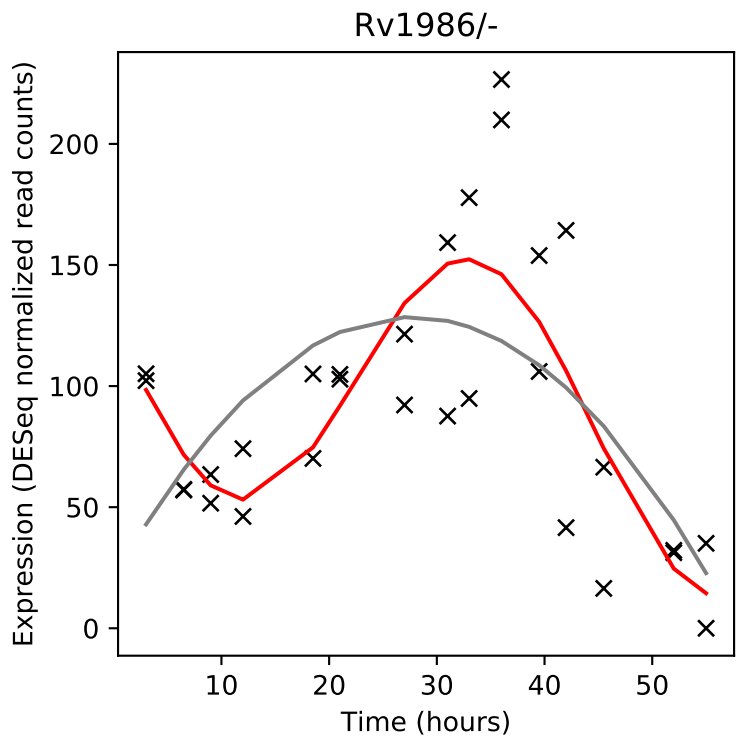

Rv1982c/vapC36
Expression (DESeq normalized read counts)
Time (hours)

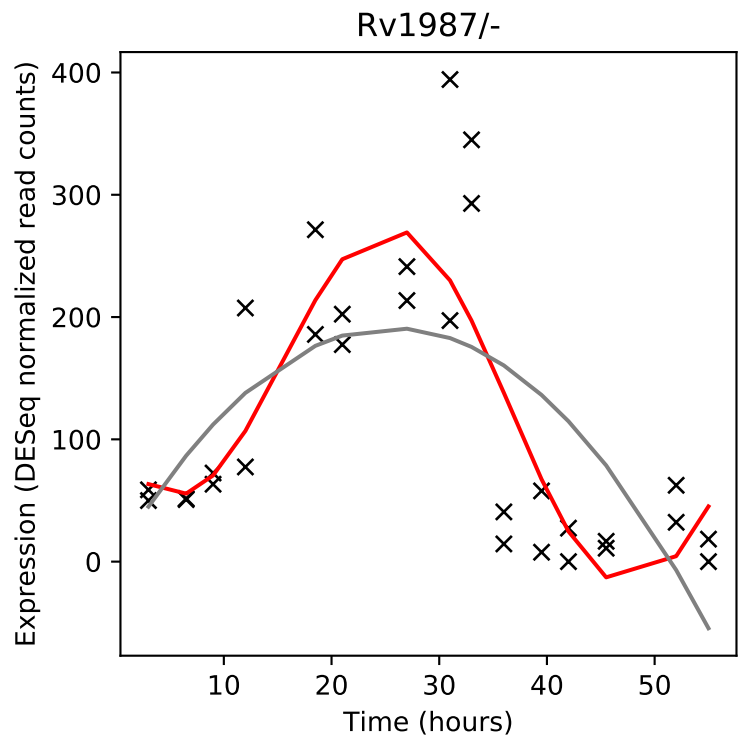

Rv1982A/vapB36
Expression (DESeq normalized read counts)
Time (hours)

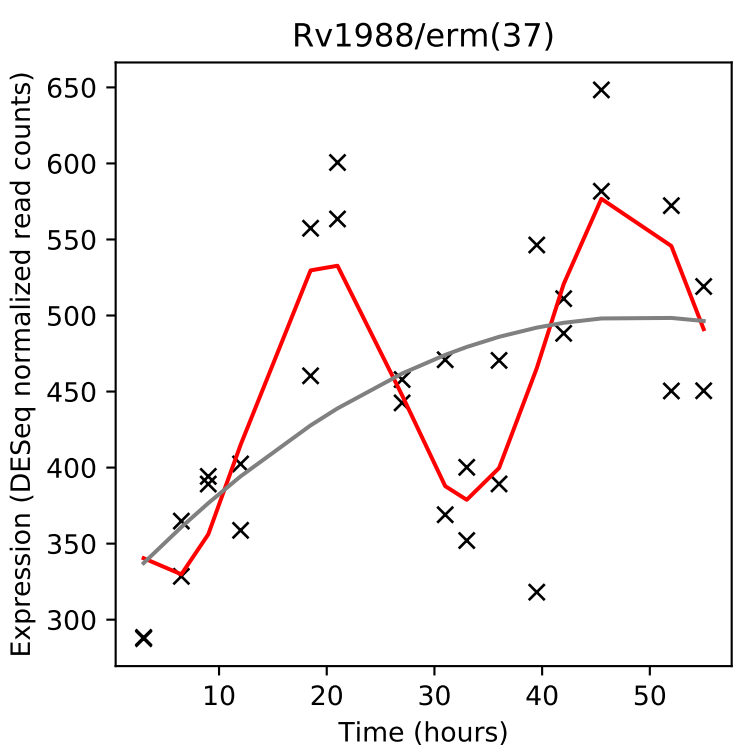

Rv1983/PE_PGRS35
Expression (DESeq normalized read counts)
Time (hours)

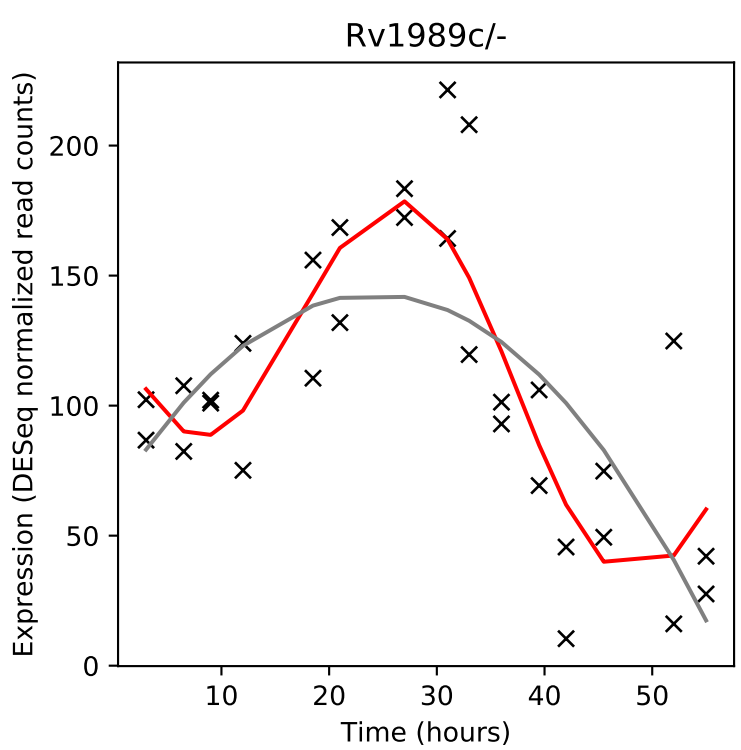

Rv1984c/cfp21
Expression (DESeq normalized read counts)
Time (hours)

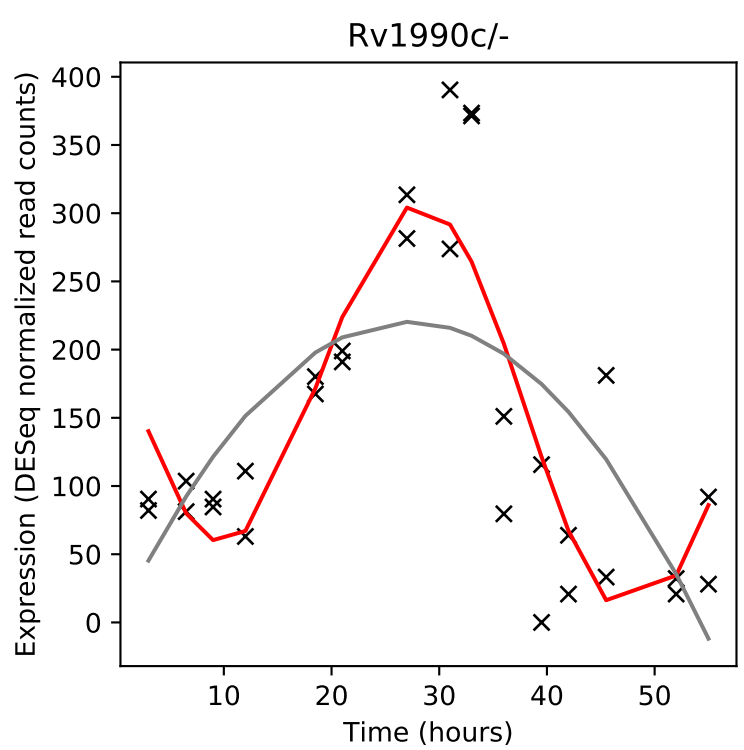

Rv1985c/-
Expression (DESeq normalized read counts)
Time (hours)

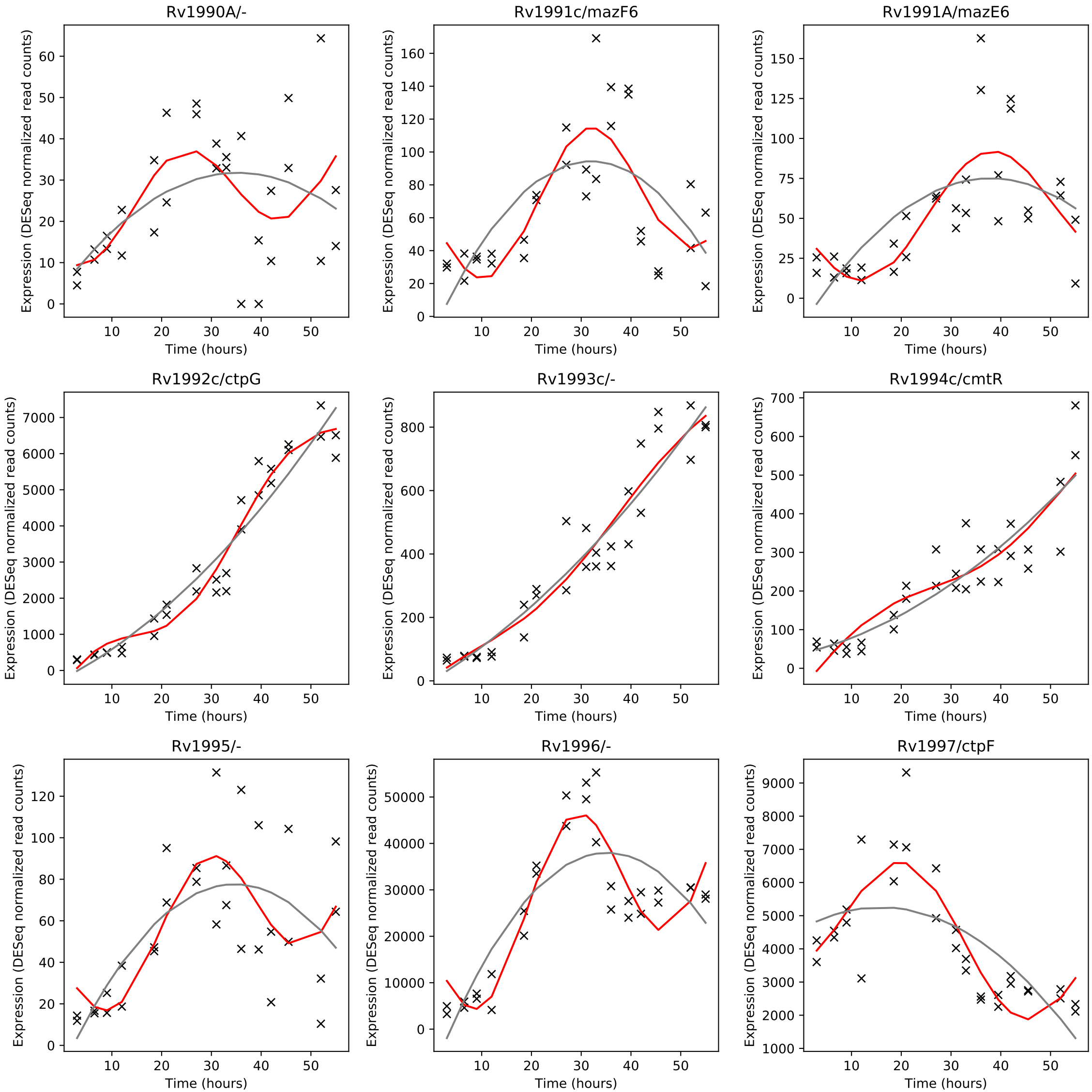

Rv1986/-
Expression (DESeq normalized read counts)
Time (hours)

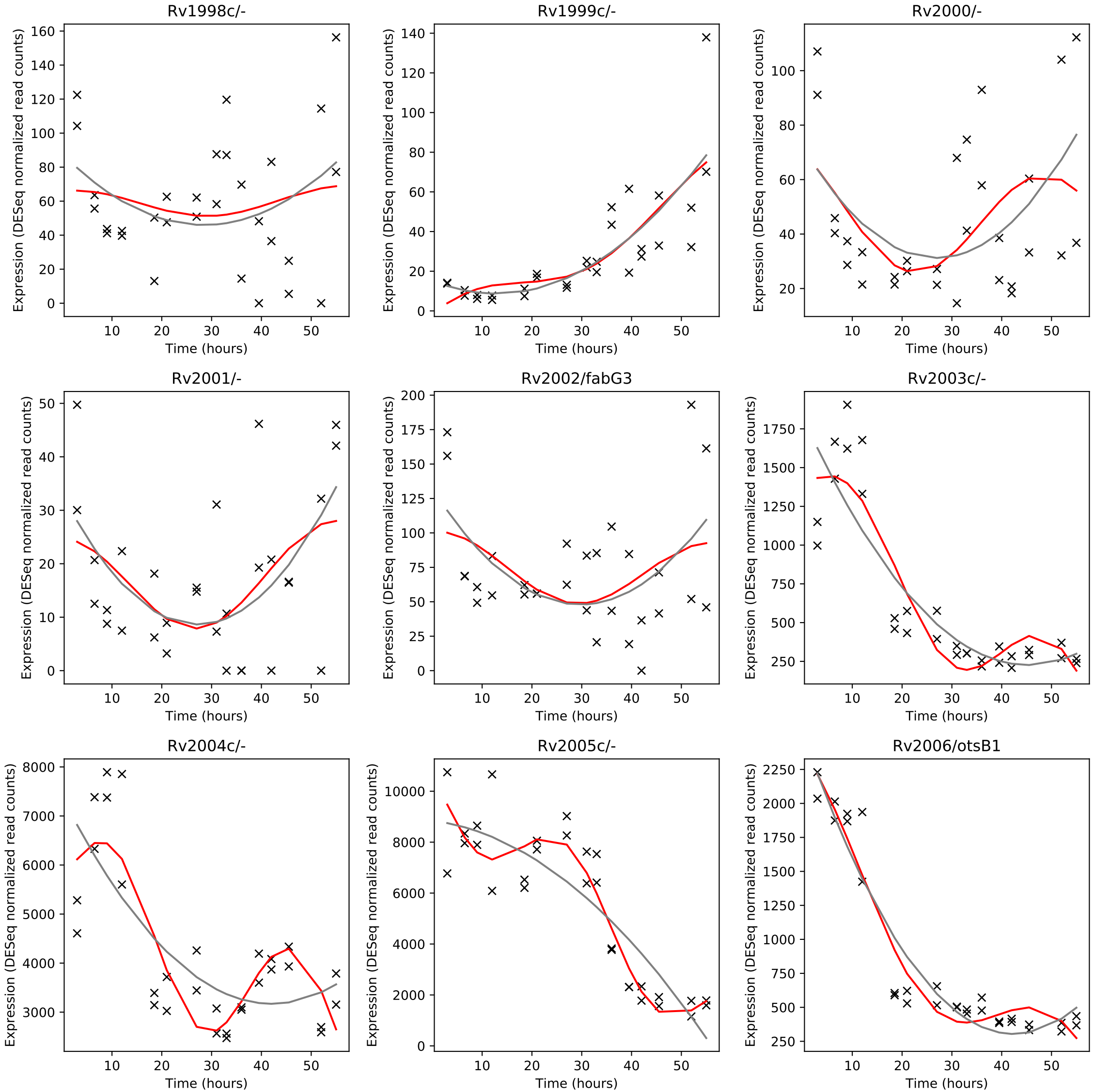

Rv1987/-
Expression (DESeq normalized read counts)
Time (hours)

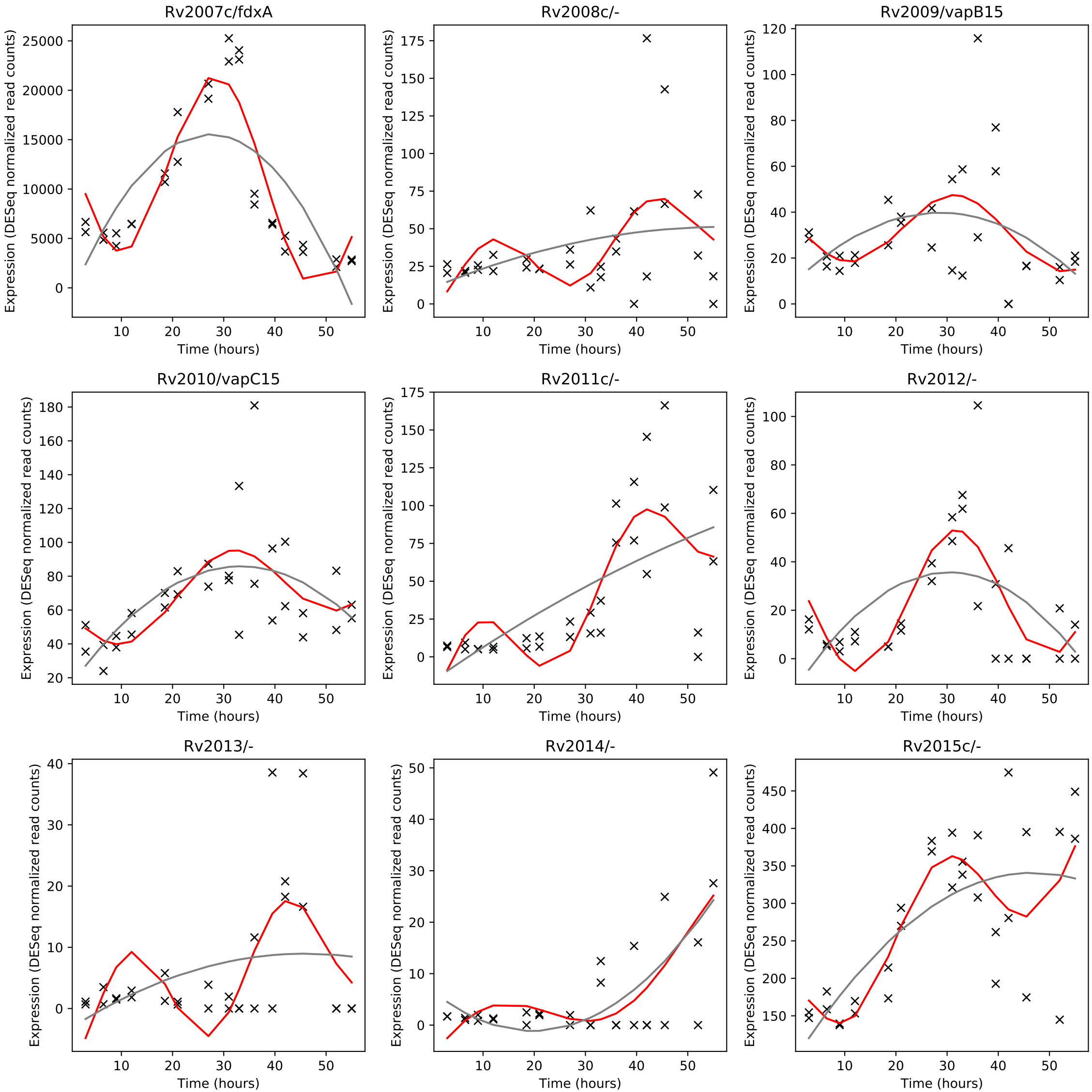

Rv1988/erm(37)
Expression (DESeq normalized read counts)
Time (hours)

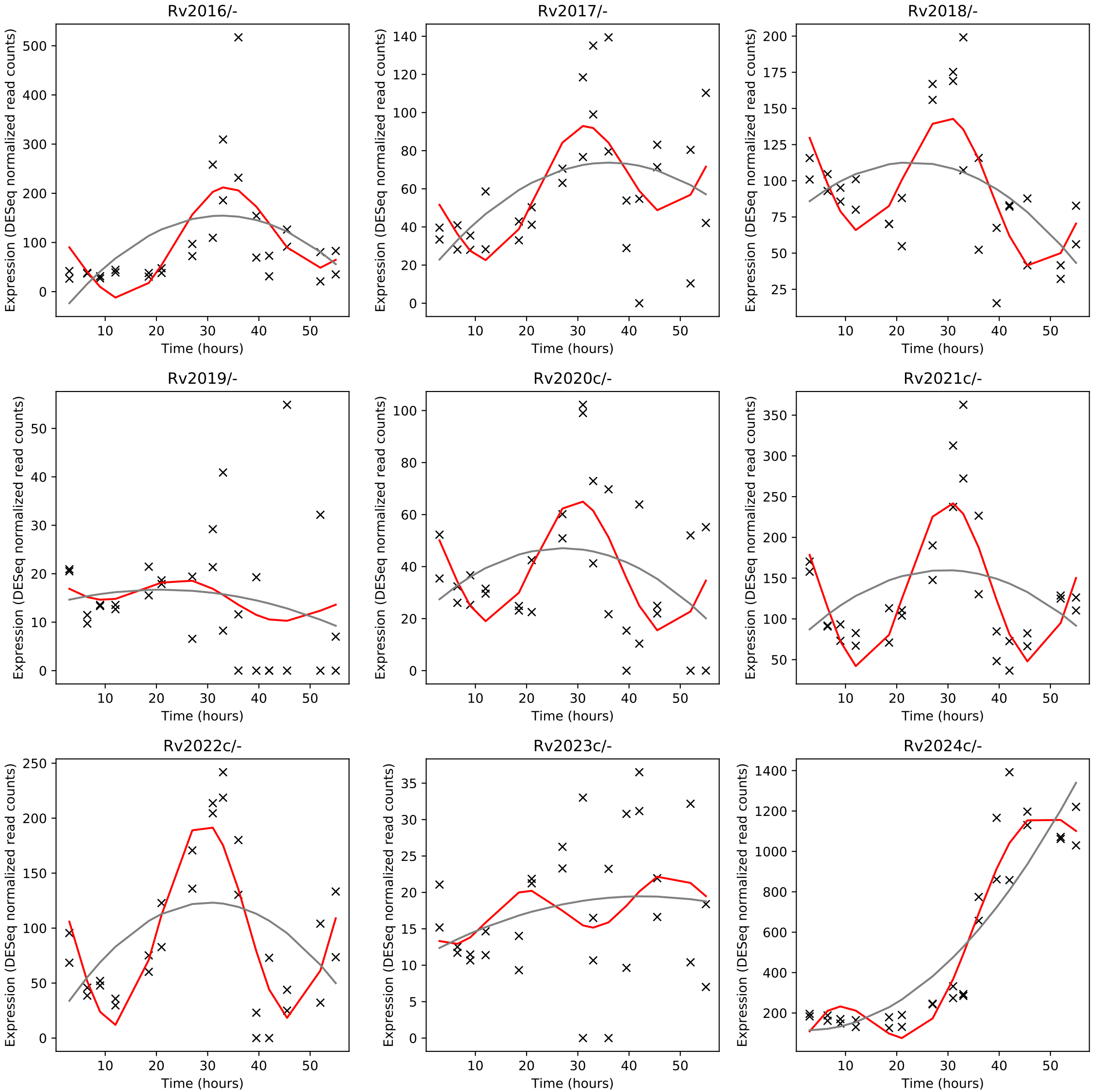

Rv1989c/-
Expression (DESeq normalized read counts)
Time (hours)

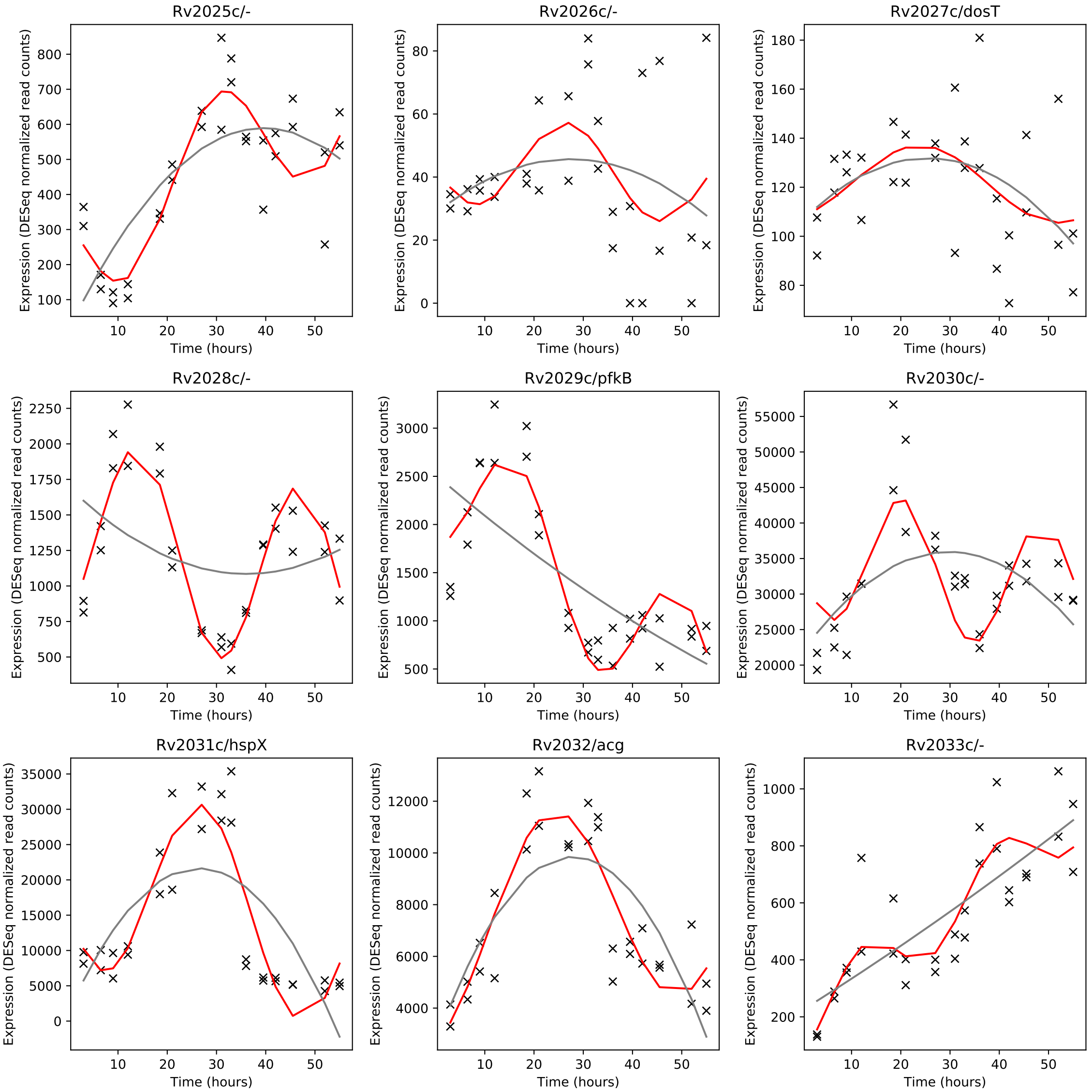

Rv1990c/-
Expression (DESeq normalized read counts)
Time (hours)

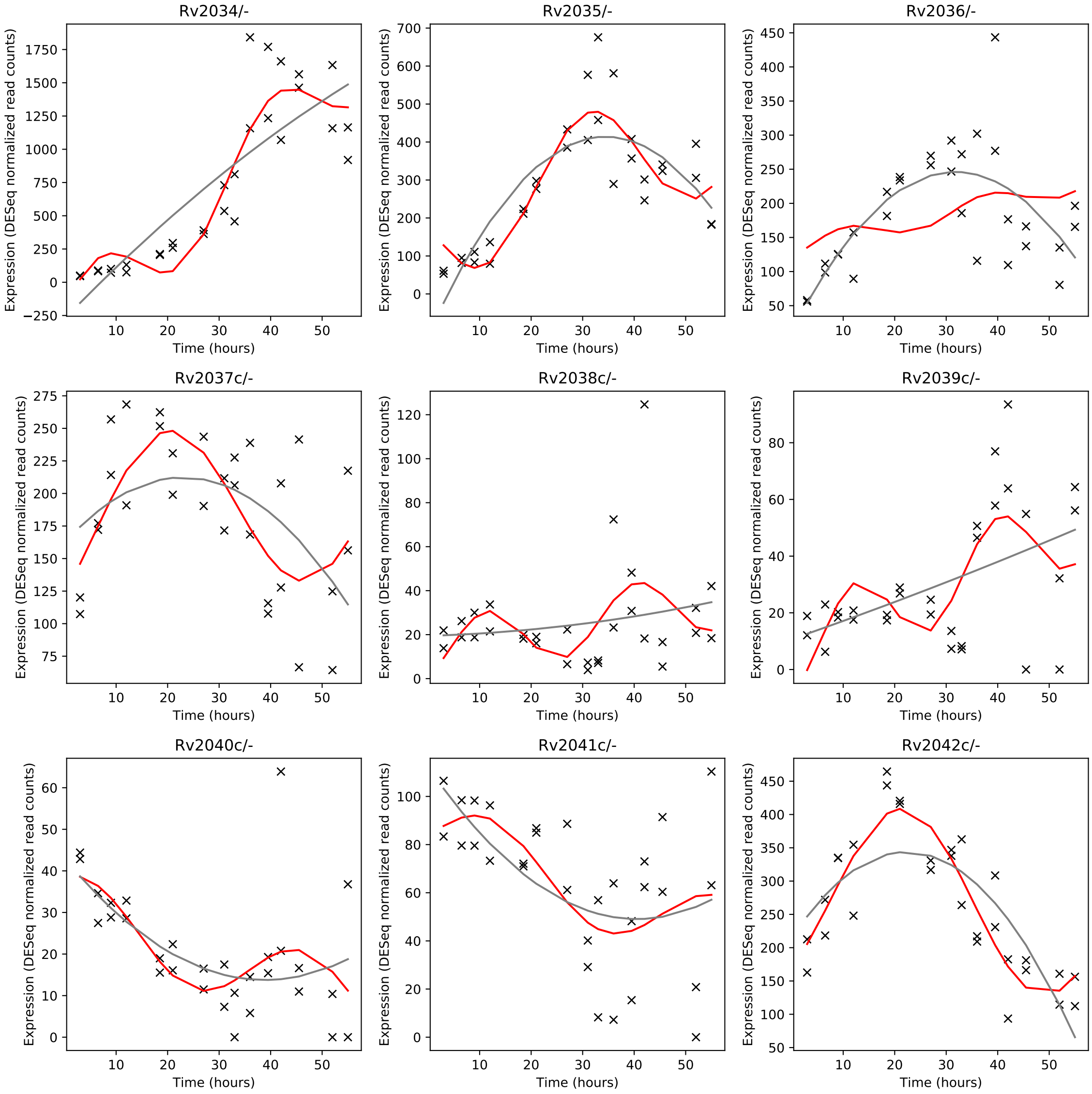

Rv1990A/-
Rv1991c/mazF6
Rv1991A/mazE6
Rv1992c/ctpG
Rv1993c/-
Rv1994c/cmtR
Rv1995/-
Rv1996/-
Rv1997/ctpF
Expression (DESeq normalized read counts)
Time (hours)

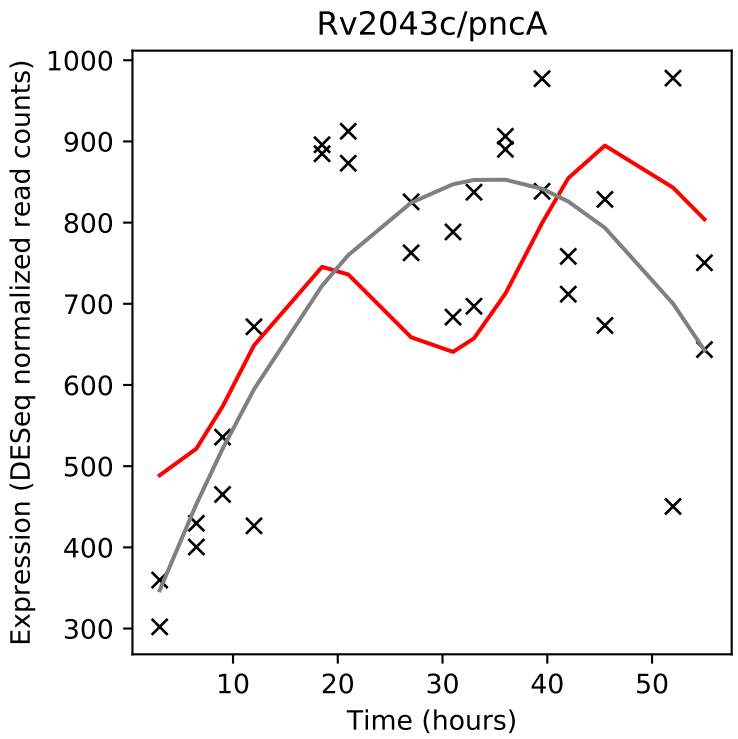

Rv1998c/-
Rv1999c/-
Rv2000/-
Rv2001/-
Rv2002/fabG3
Rv2003c/-
Rv2004c/-
Rv2005c/-
Rv2006/otsB1
Expression (DESeq normalized read counts)
Time (hours)

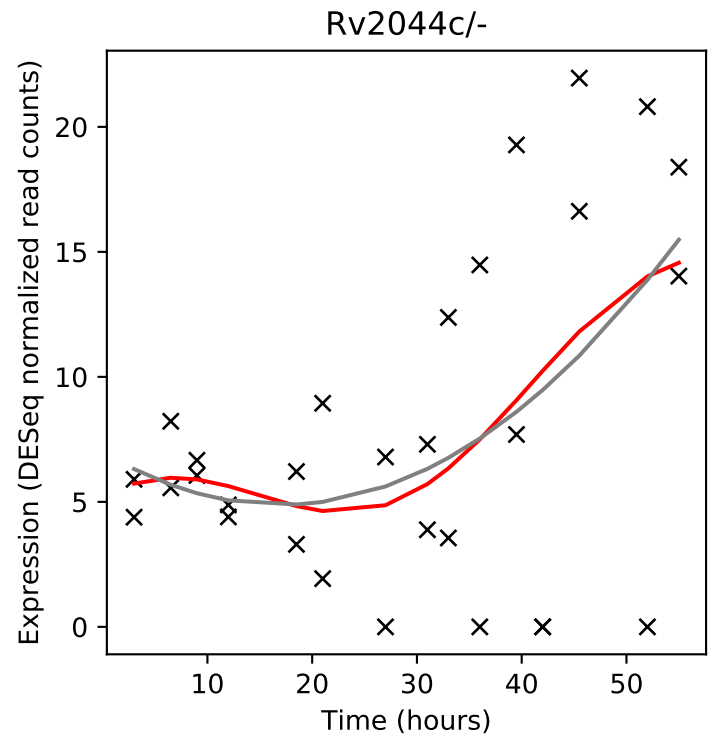

Rv2007c/fdxA
Rv2008c/-
Rv2009/vapB15
Rv2010/vapC15
Rv2011c/-
Rv2012/-
Rv2013/-
Rv2014/-
Rv2015c/-
Expression (DESeq normalized read counts)
Time (hours)

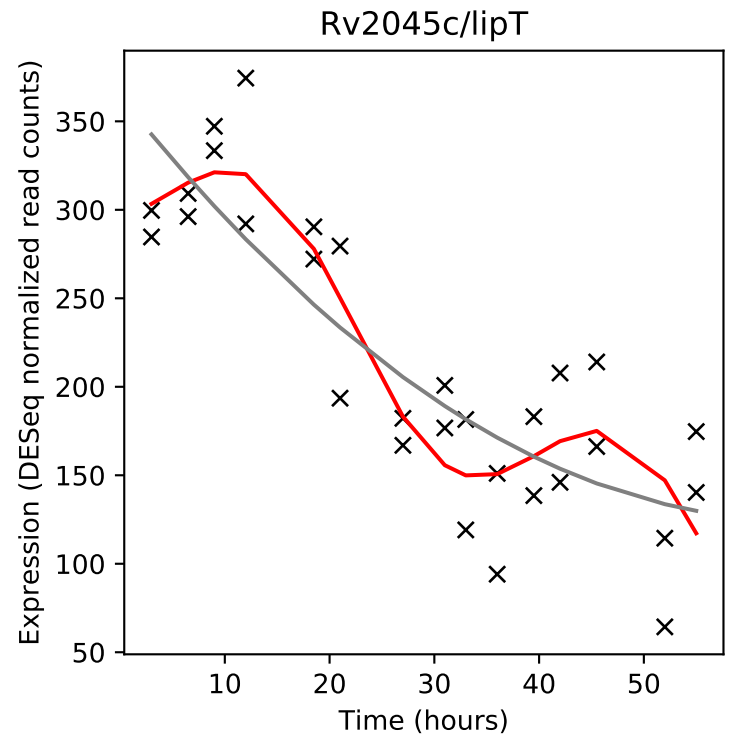

Rv2016/-
Rv2017/-
Rv2018/-
Rv2019/-
Rv2020c/-
Rv2021c/-
Rv2022c/-
Rv2023c/-
Rv2024c/-
Expression (DESeq normalized read counts)
Time (hours)

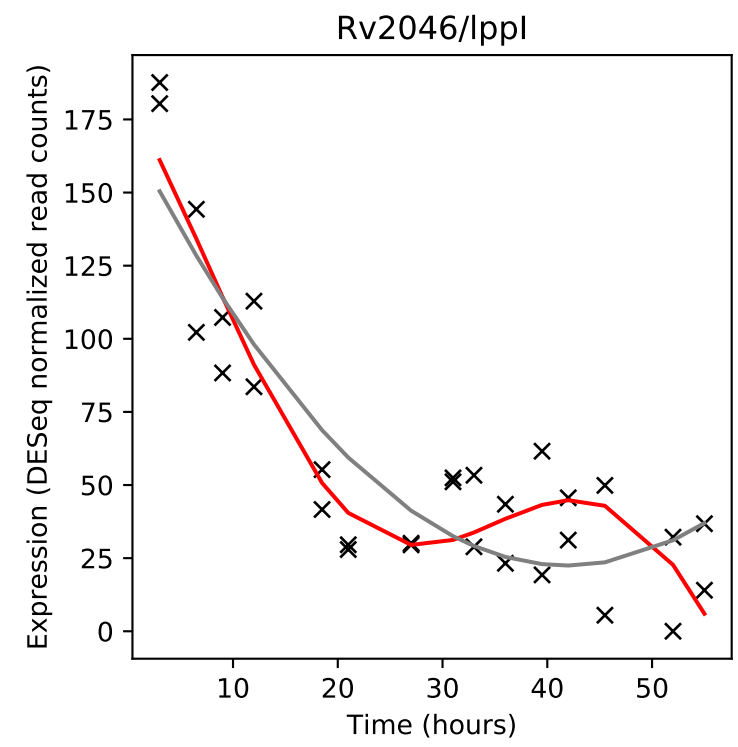

Rv2025c/-
Rv2026c/-
Rv2027c/dosT
Rv2028c/-
Rv2029c/pfkB
Rv2030c/-
Rv2031c/hspX
Rv2032/acg
Rv2033c/-
Expression (DESeq normalized read counts)
Time (hours)

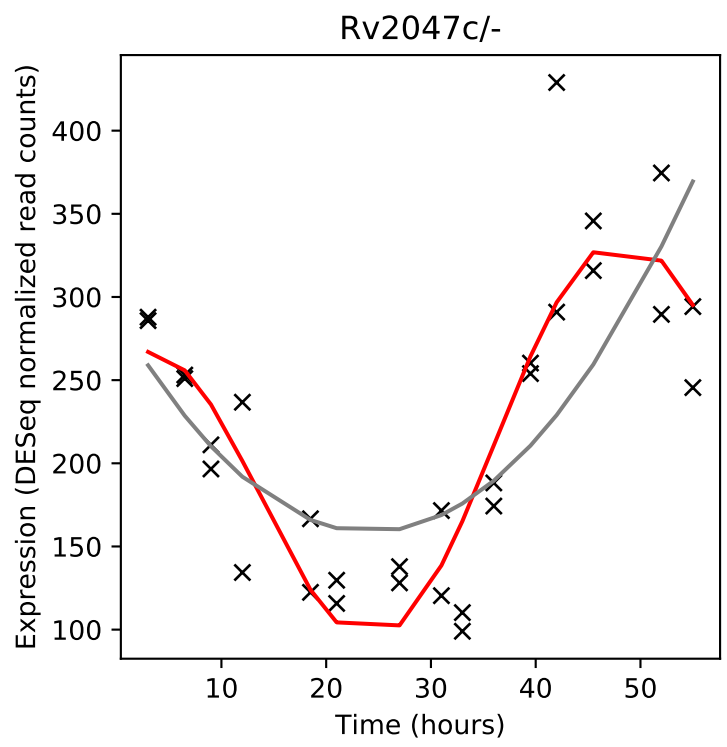

Rv2034/-
Rv2035/-
Rv2036/-
Rv2037c/-
Rv2038c/-
Rv2039c/-
Rv2040c/-
Rv2041c/-
Rv2042c/-
Expression (DESeq normalized read counts)
Time (hours)

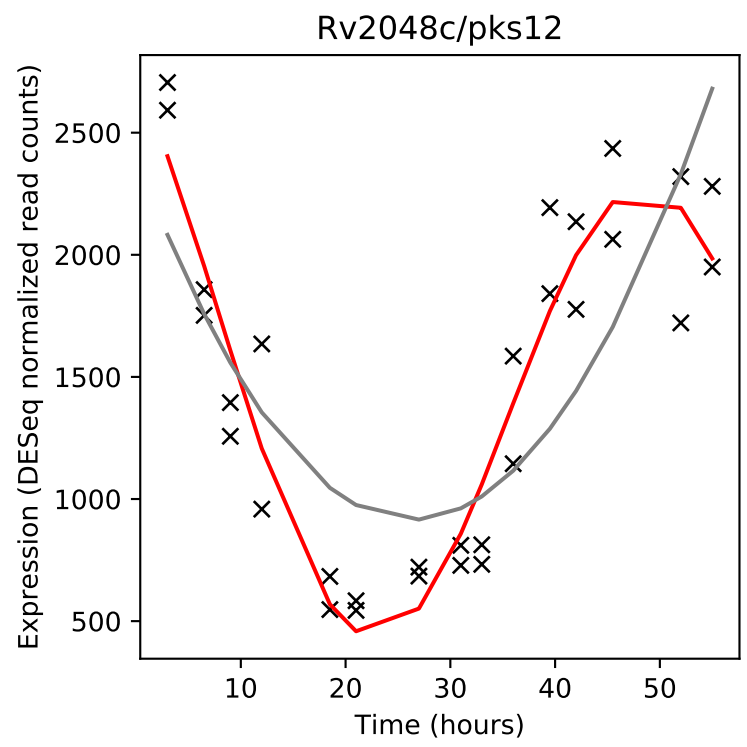

Rv2043c/pncA
Expression (DESeq normalized read counts)
Time (hours)

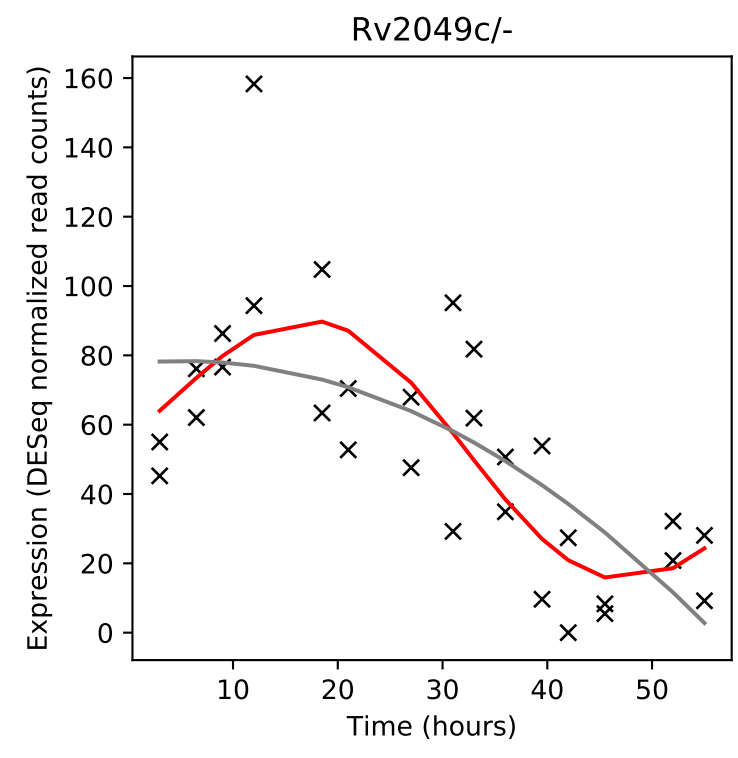

Rv2044c/-
Expression (DESeq normalized read counts)
Time (hours)

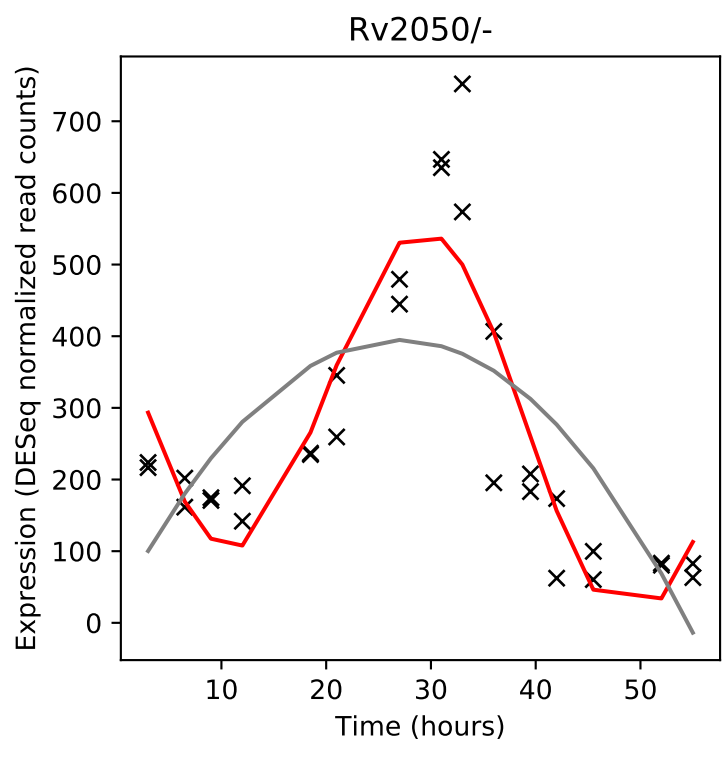

Rv2045c/lipT
Expression (DESeq normalized read counts)
Time (hours)

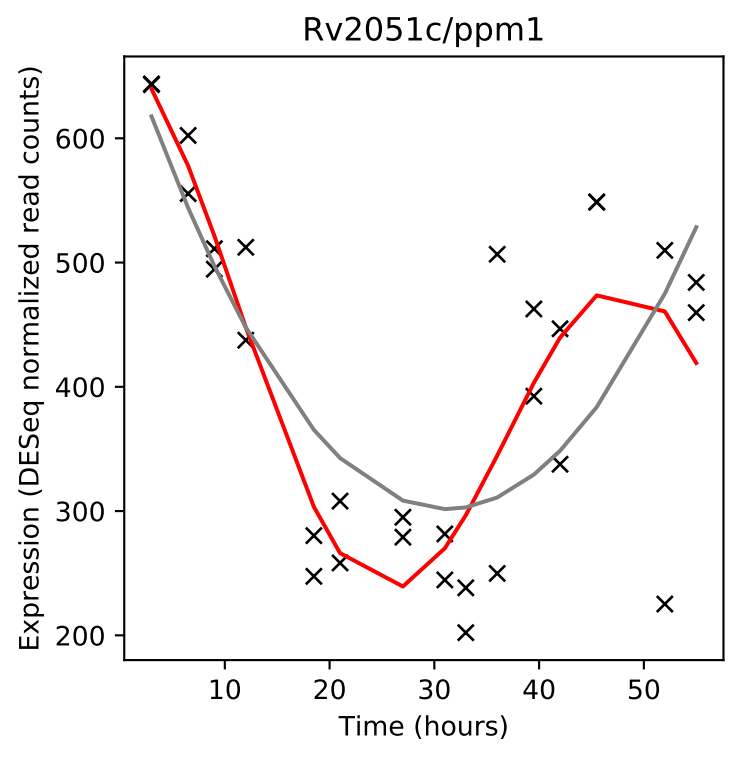

Rv2046/lppI
Expression (DESeq normalized read counts)
Time (hours)

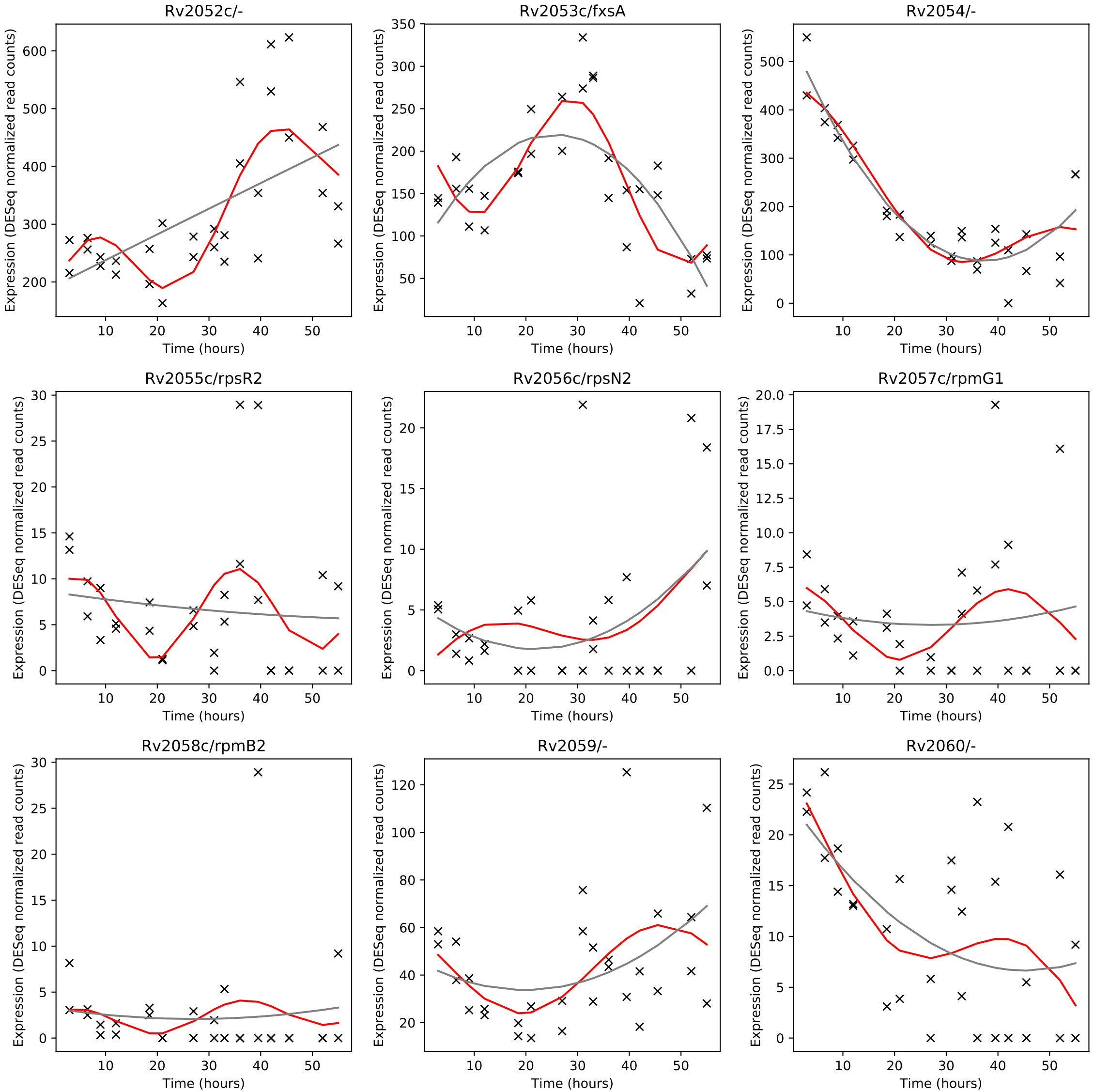

Rv2047c/-
Expression (DESeq normalized read counts)
Time (hours)

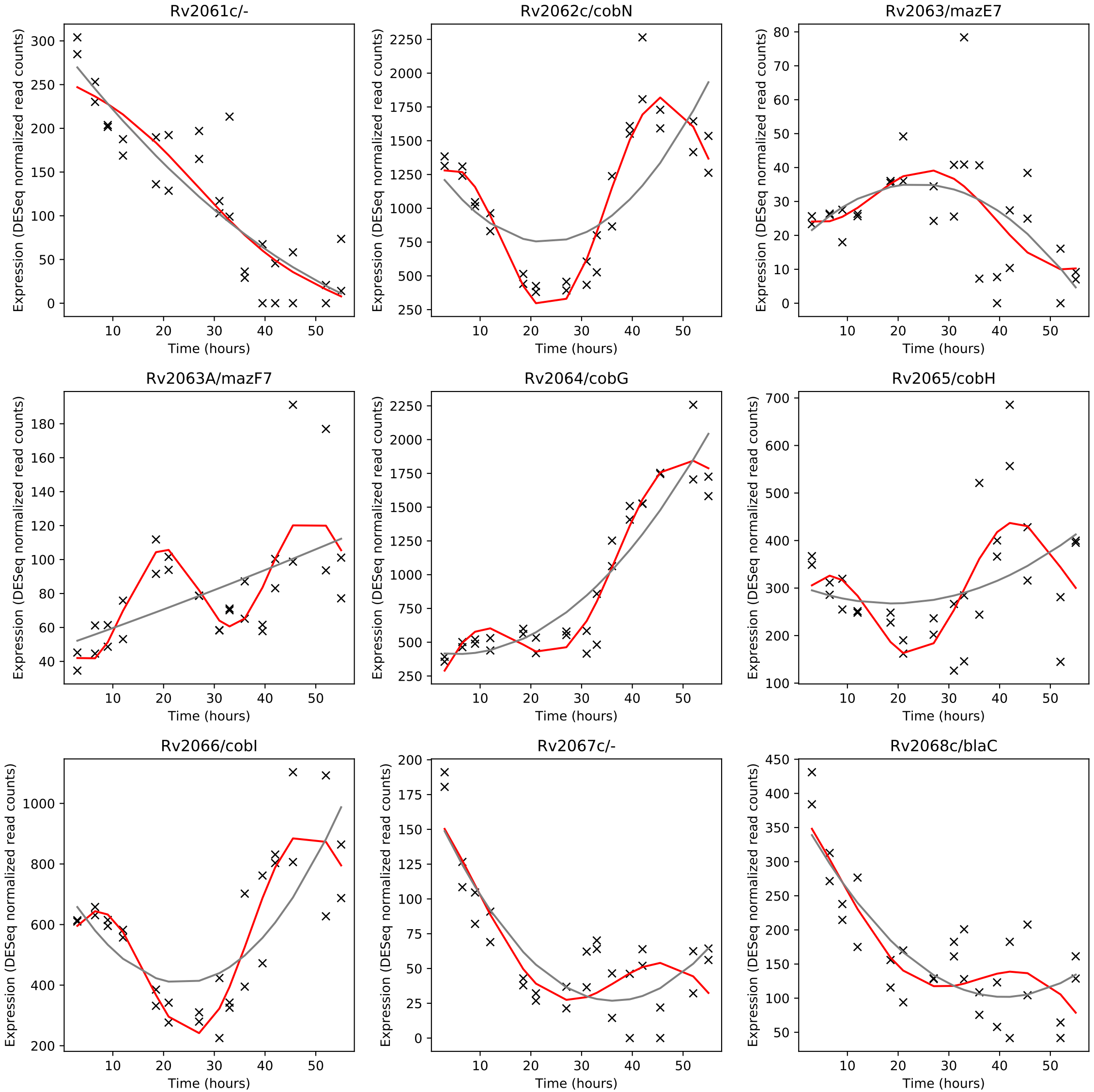

Rv2048c/pks12
Expression (DESeq normalized read counts)
Time (hours)

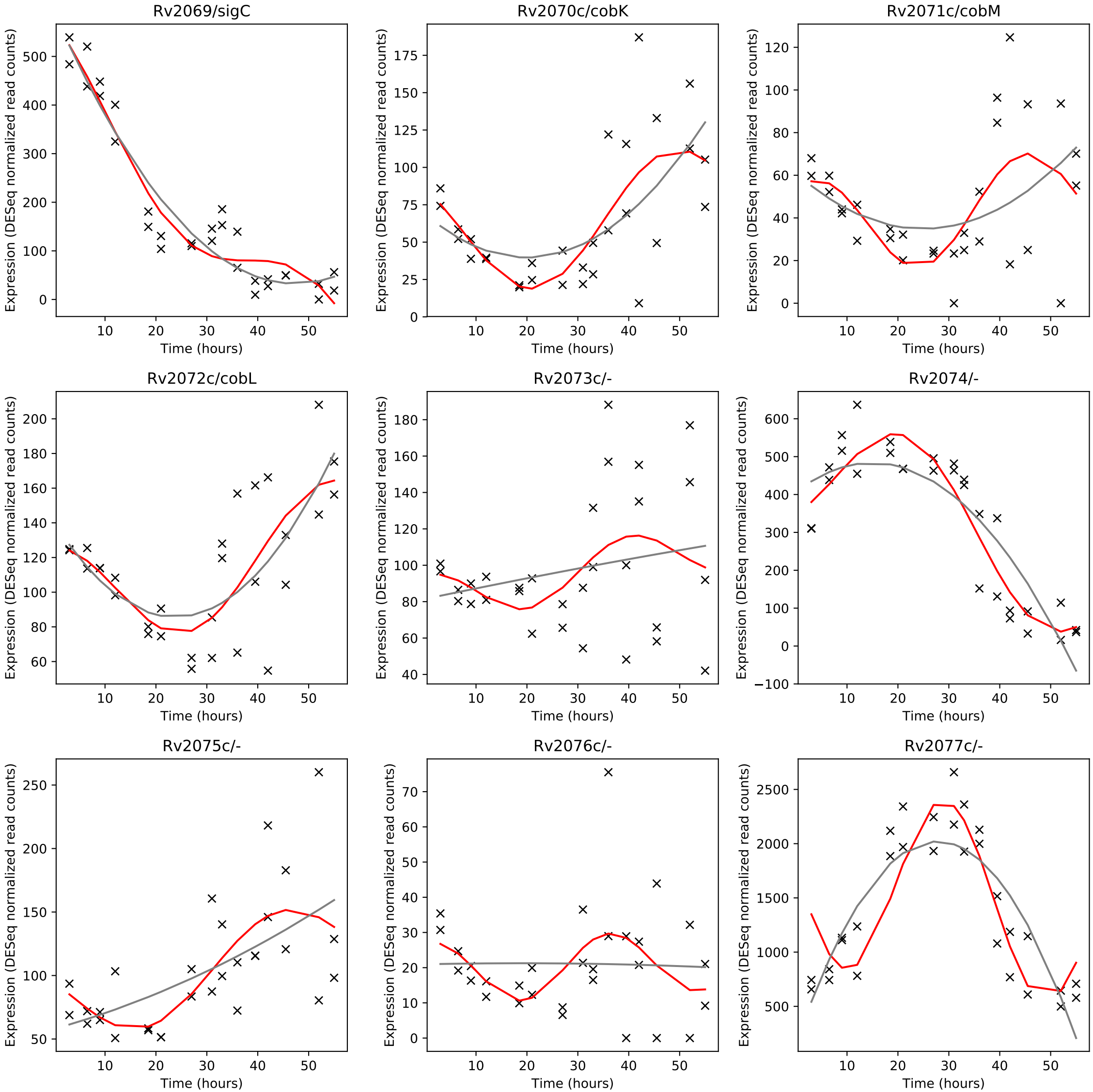

Rv2049c/-
Expression (DESeq normalized read counts)
Time (hours)

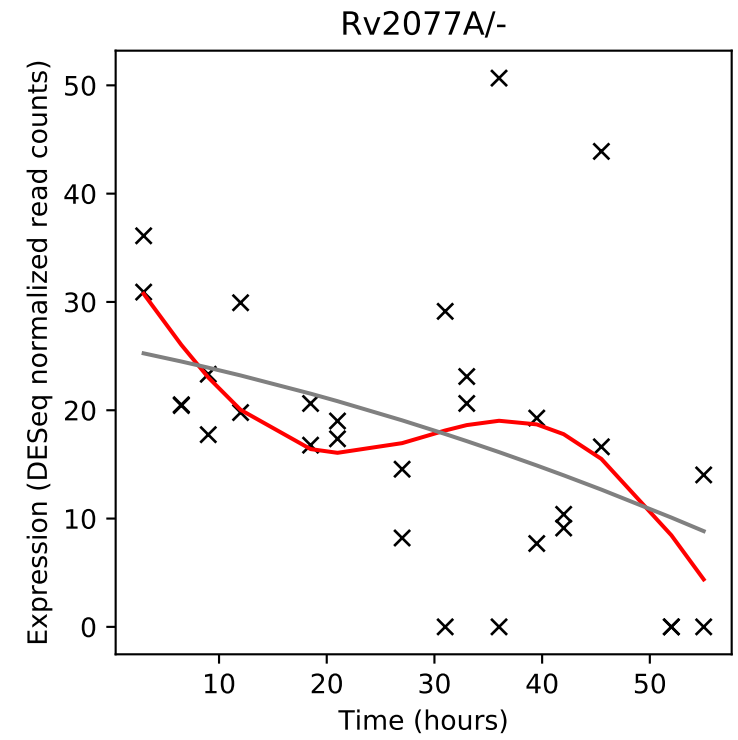

Rv2050/-
Expression (DESeq normalized read counts)
Time (hours)

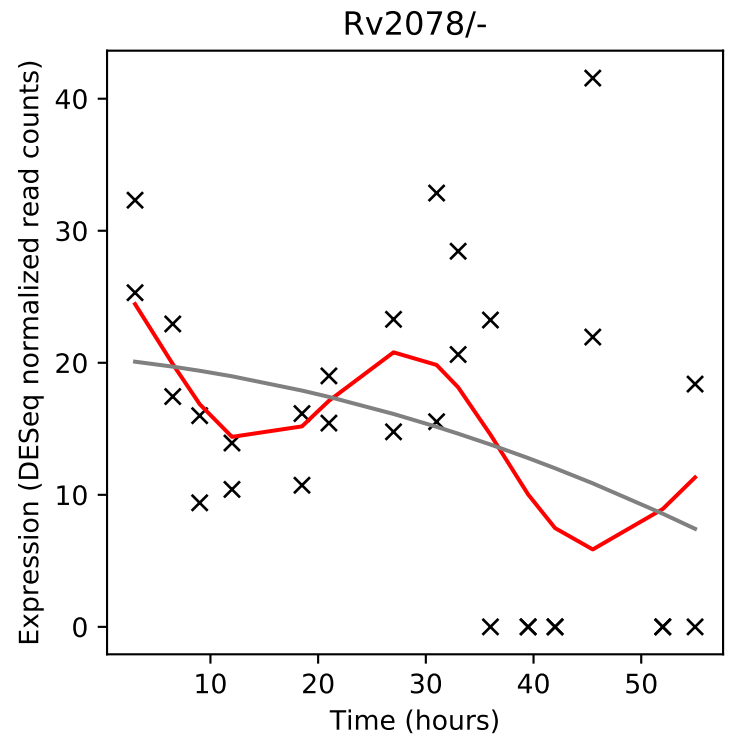

Rv2051c/ppm1
Expression (DESeq normalized read counts)
Time (hours)

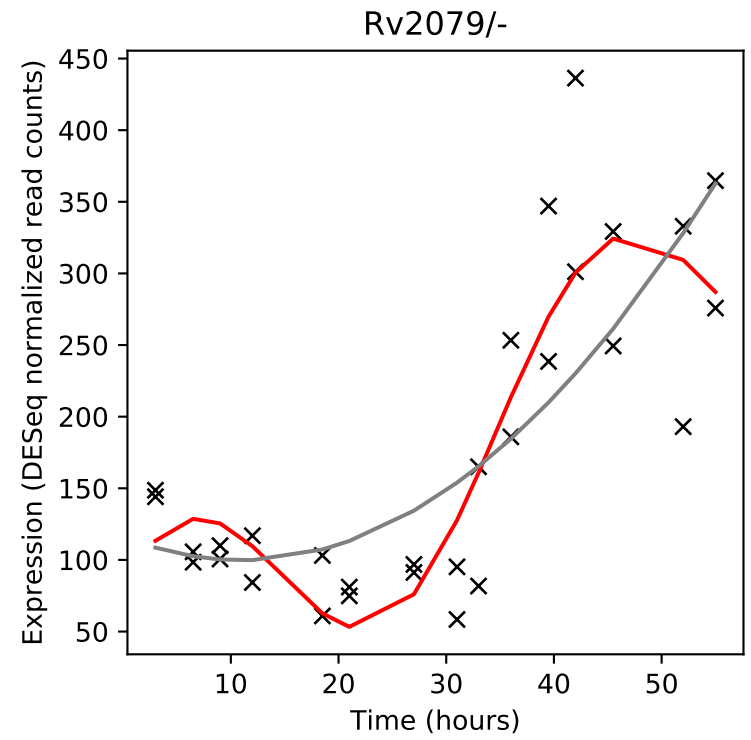

Rv2052c/-
Rv2053c/fxsA
Rv2054/-
Rv2055c/rpsR2
Rv2056c/rpsN2
Rv2057c/rpmG1
Rv2058c/rpmB2
Rv2059/-
Rv2060/-
Expression (DESeq normalized read counts)
Time (hours)

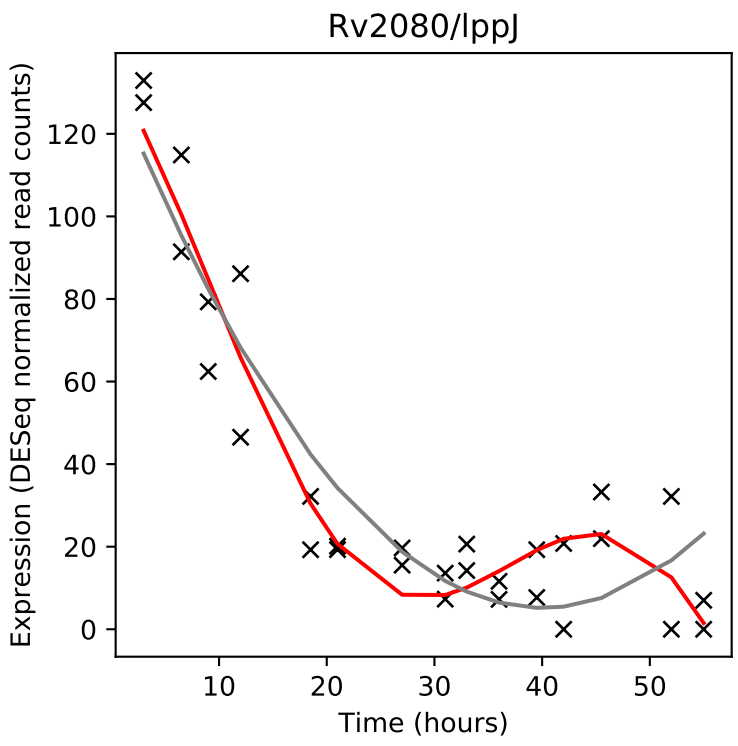

Rv2061c/-
Rv2062c/cobN
Rv2063/mazE7
Rv2063A/mazF7
Rv2064/cobG
Rv2065/cobH
Rv2066/cobI
Rv2067c/-
Rv2068c/blaC
Expression (DESeq normalized read counts)
Time (hours)

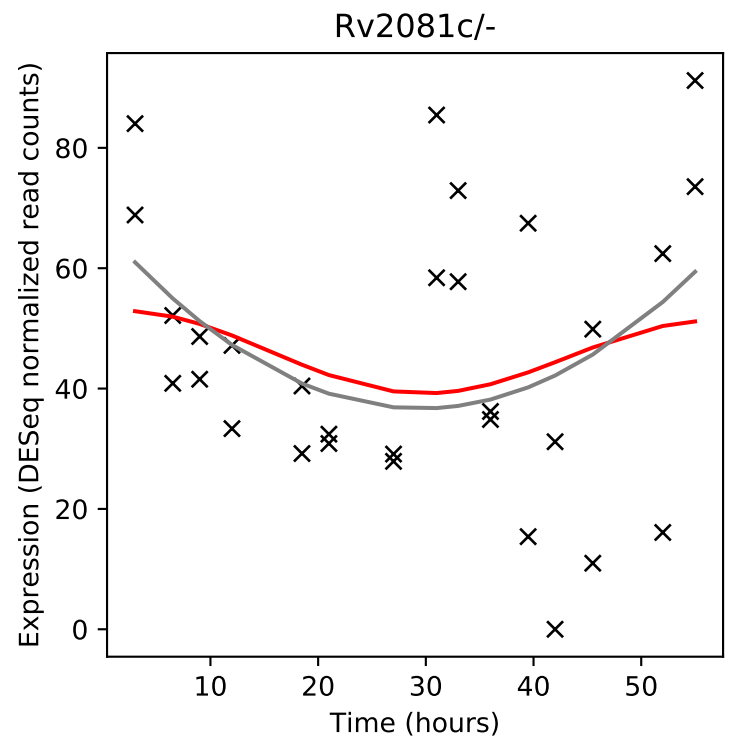

Rv2069/sigC
Rv2070c/cobK
Rv2071c/cobM
Rv2072c/cobL
Rv2073c/-
Rv2074/-
Rv2075c/-
Rv2076c/-
Rv2077c/-
Expression (DESeq normalized read counts)
Time (hours)

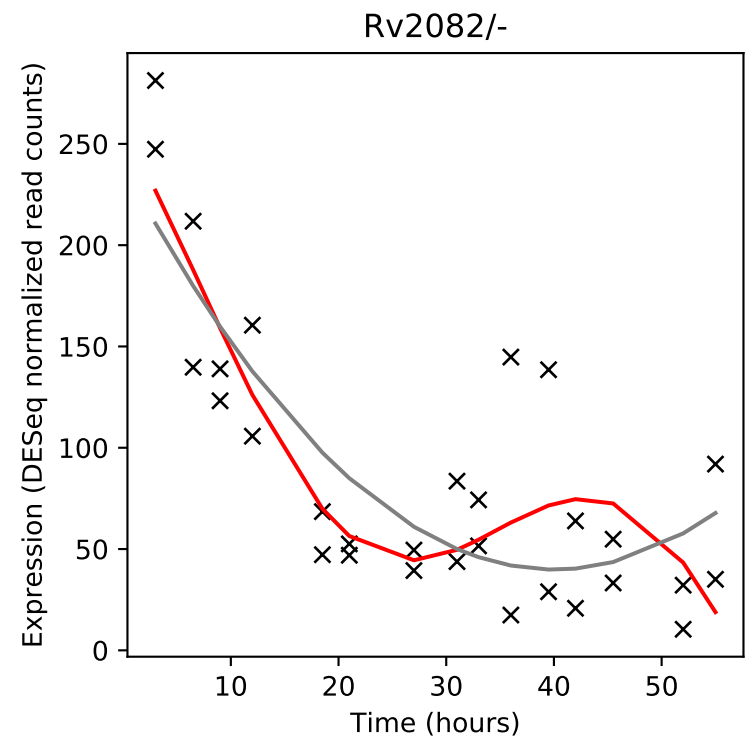

Rv2077A/-
Expression (DESeq normalized read counts)
Time (hours)

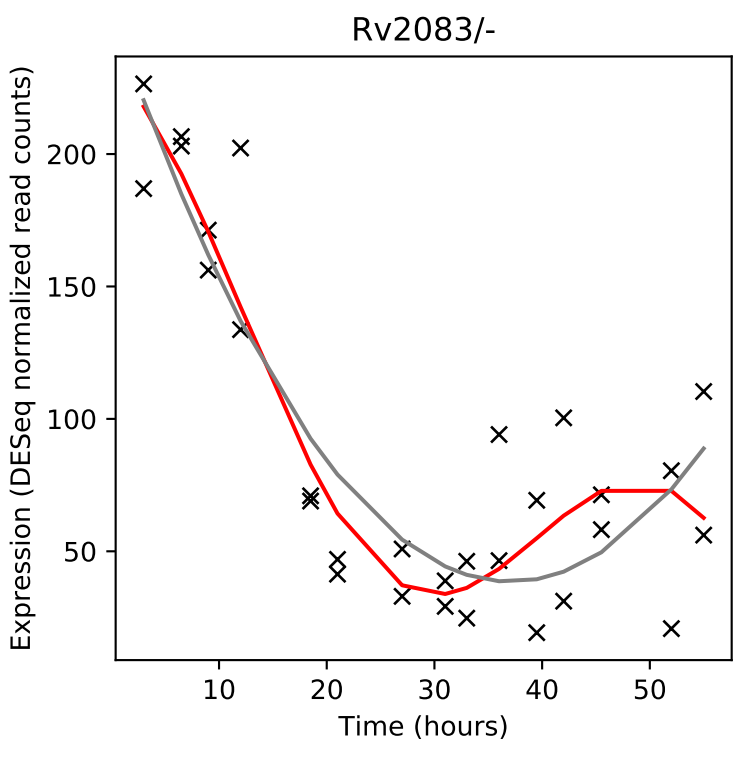

Rv2078/-
Expression (DESeq normalized read counts)
Time (hours)

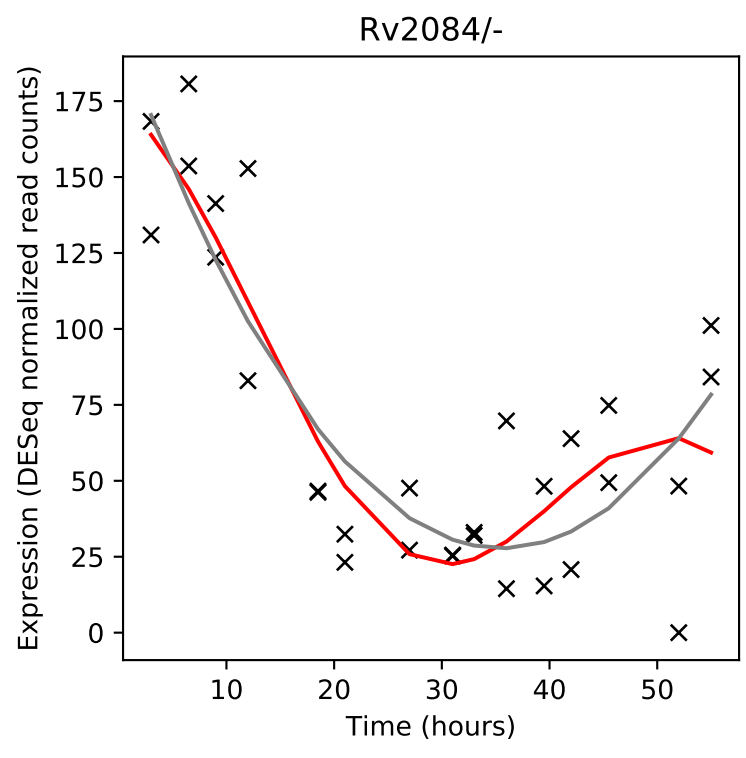

Rv2079/-
Expression (DESeq normalized read counts)
Time (hours)

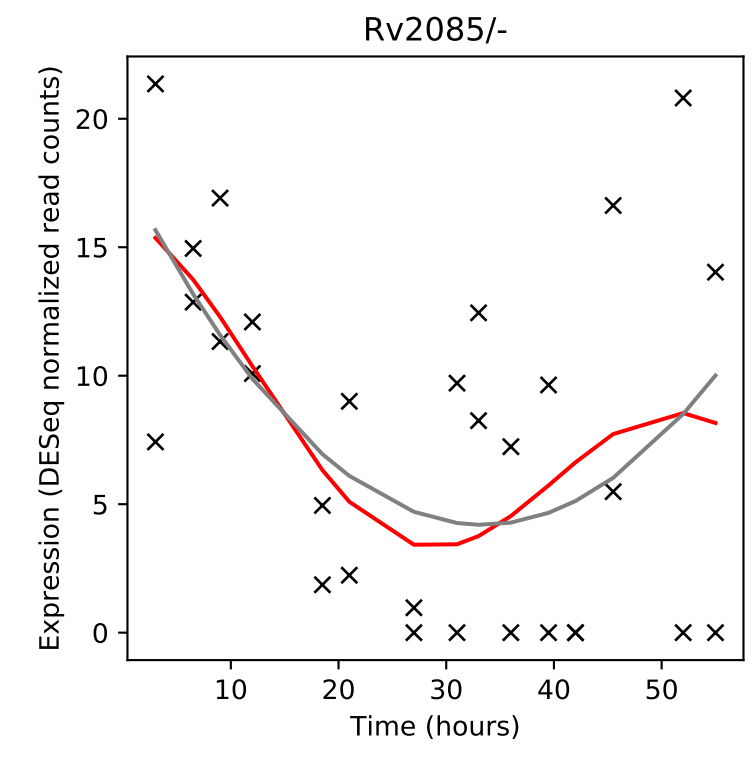

Rv2080/lppJ
Expression (DESeq normalized read counts)
Time (hours)

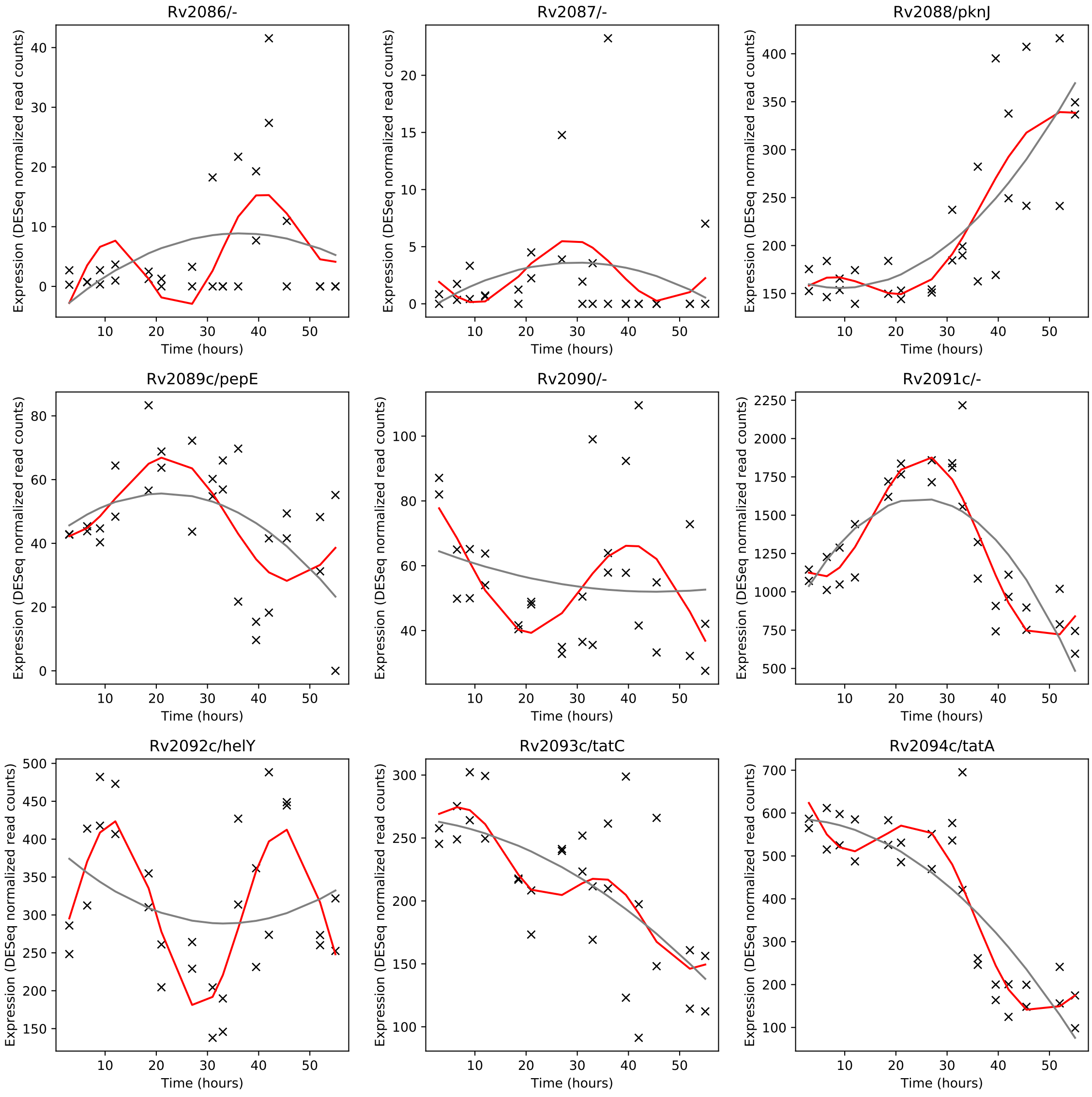

Rv2081c/-
Expression (DESeq normalized read counts)
Time (hours)

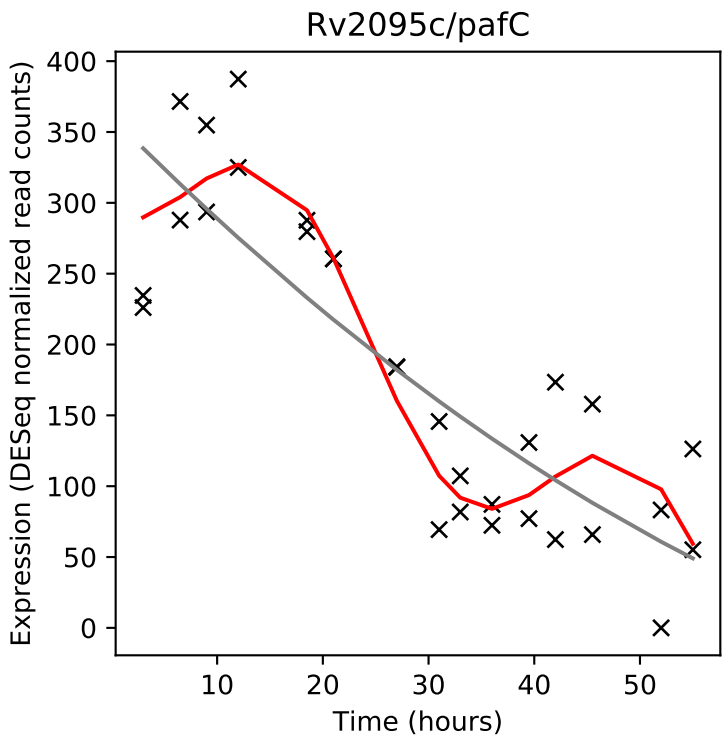

Rv2082/-
Expression (DESeq normalized read counts)
Time (hours)

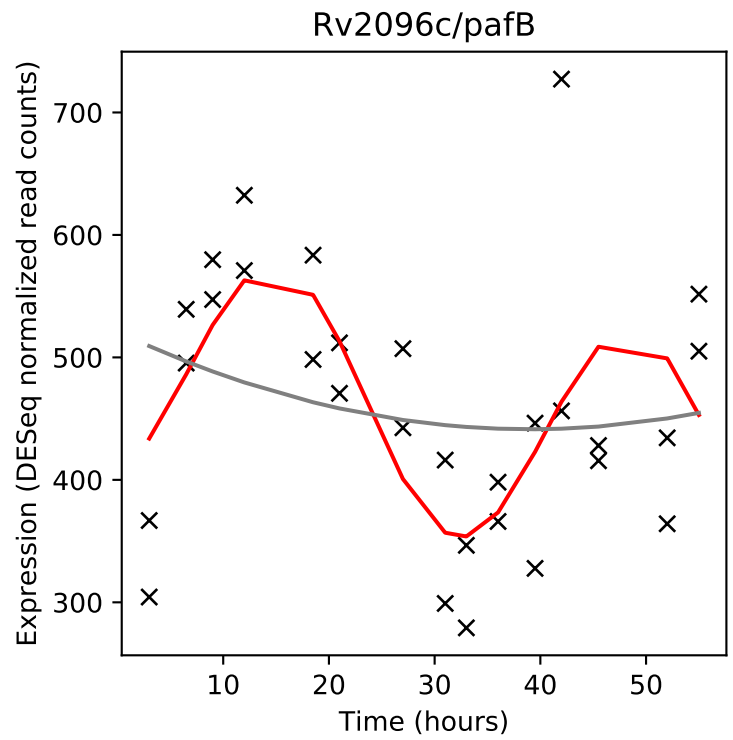

Rv2083/-
Expression (DESeq normalized read counts)
Time (hours)

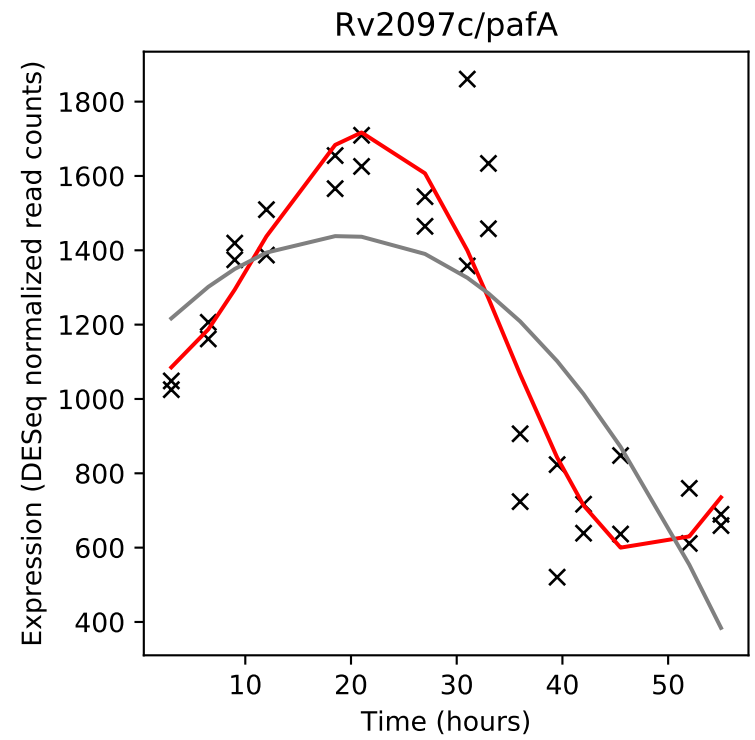

Rv2084/-
Expression (DESeq normalized read counts)
Time (hours)

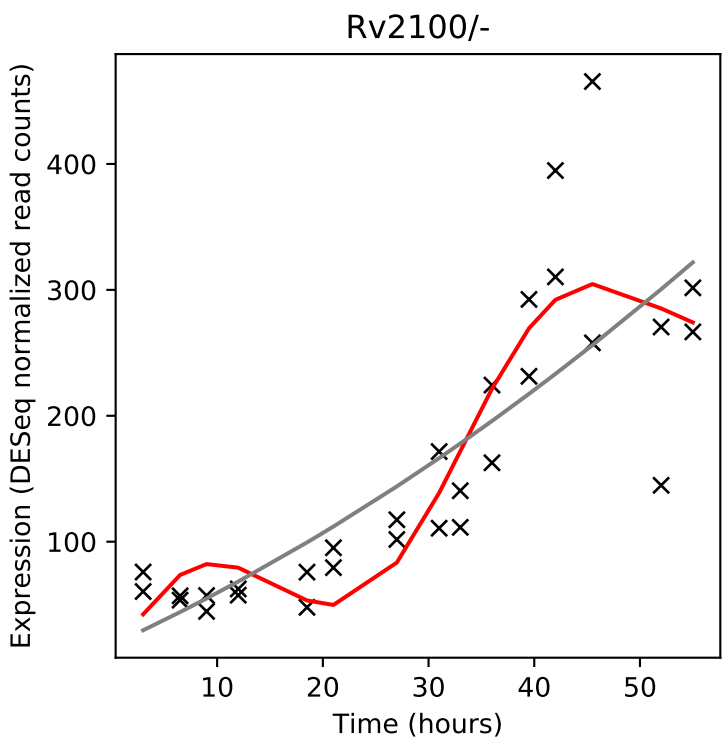

Rv2085/-
Expression (DESeq normalized read counts)
Time (hours)

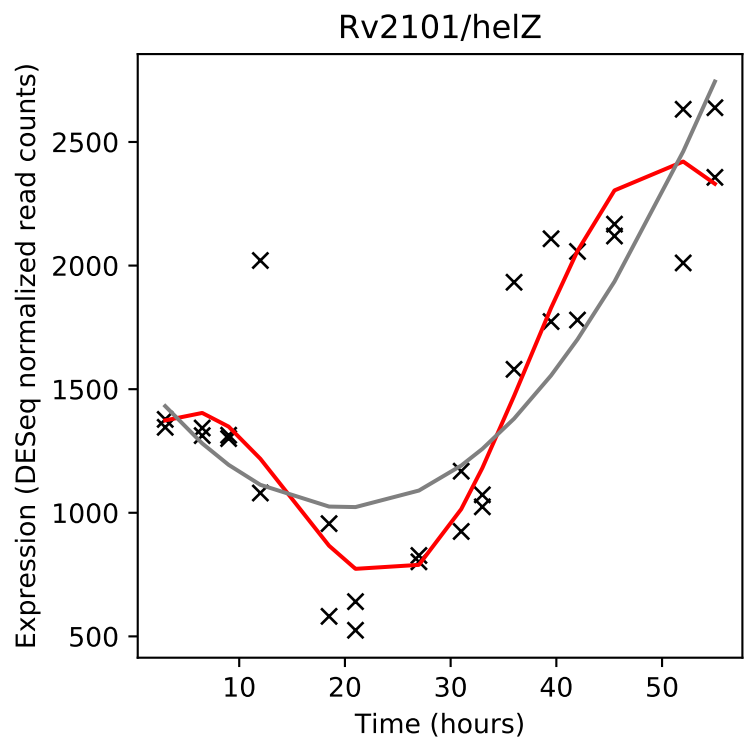

Rv2086/-
Rv2087/-
Rv2088/pknJ
Rv2089c/pepE
Rv2090/-
Rv2091c/-
Rv2092c/helY
Rv2093c/tatC
Rv2094c/tatA
Expression (DESeq normalized read counts)
Time (hours)

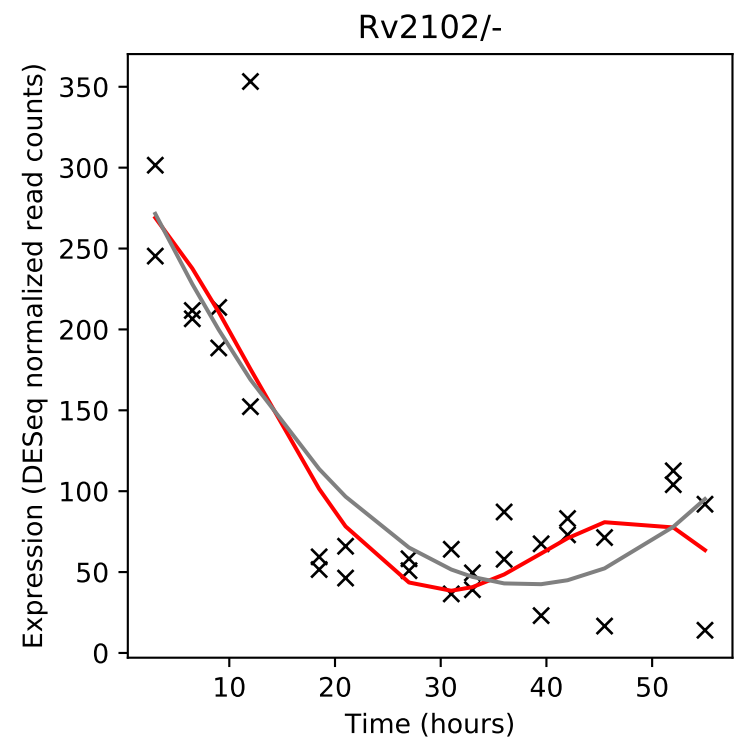

Rv2095c/pafC
Expression (DESeq normalized read counts)
Time (hours)

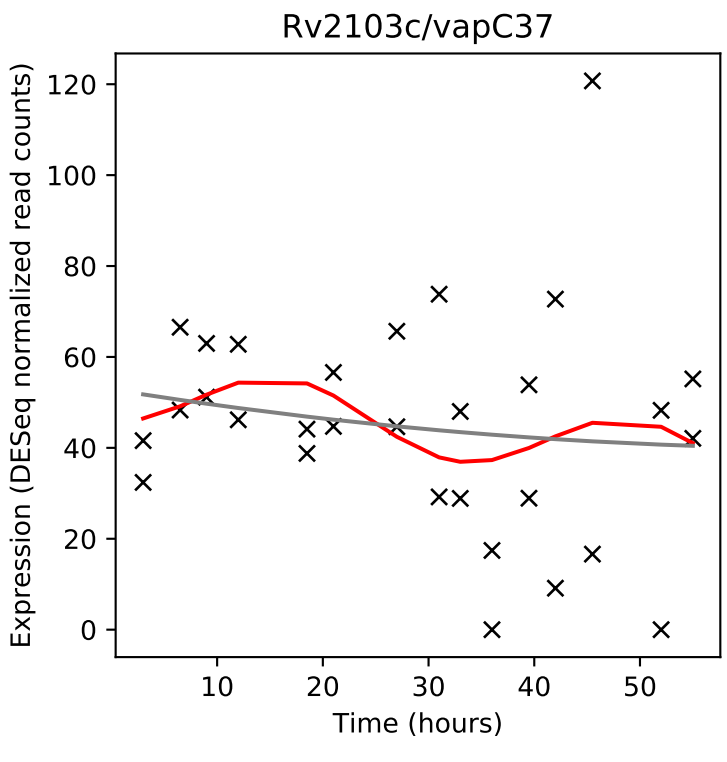

Rv2096c/pafB
Expression (DESeq normalized read counts)
Time (hours)

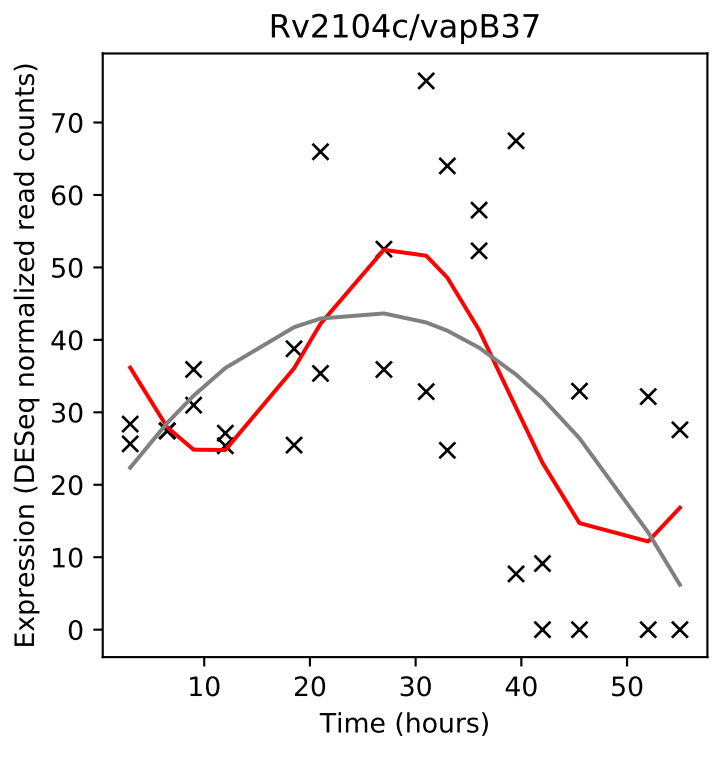

Rv2097c/pafA
Expression (DESeq normalized read counts)
Time (hours)

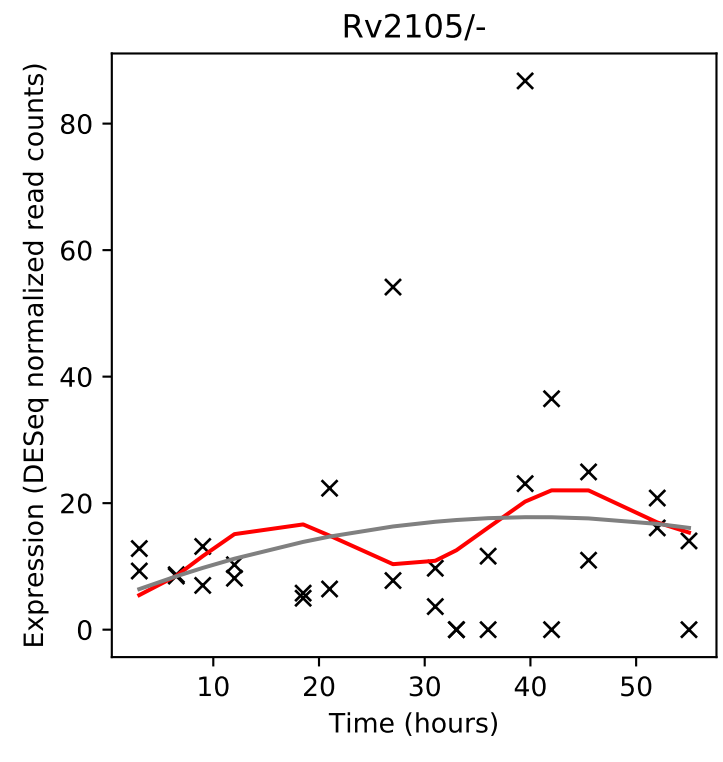

Rv2100/-
Expression (DESeq normalized read counts)
Time (hours)

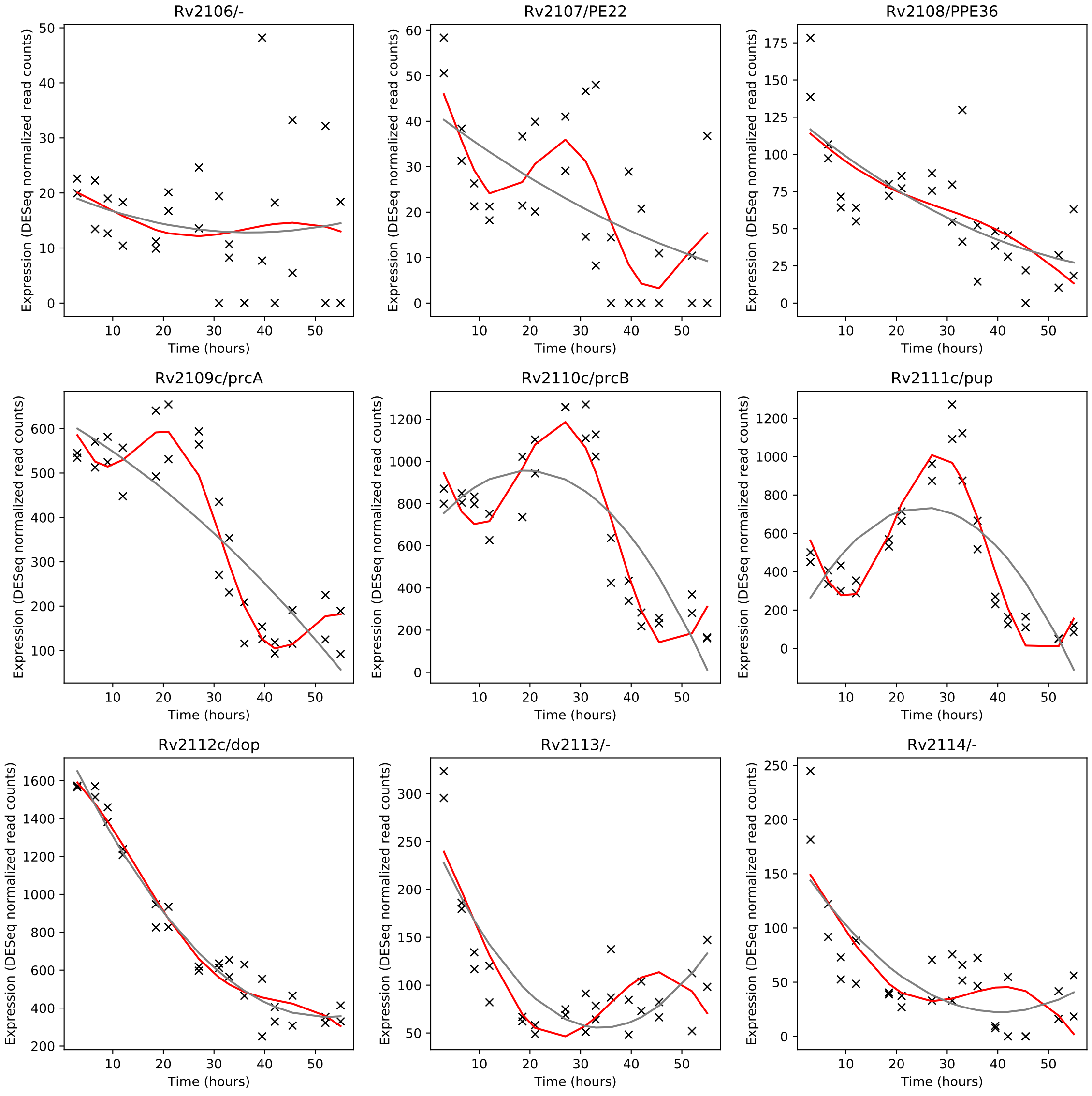

Rv2101/helZ
Expression (DESeq normalized read counts)
Time (hours)

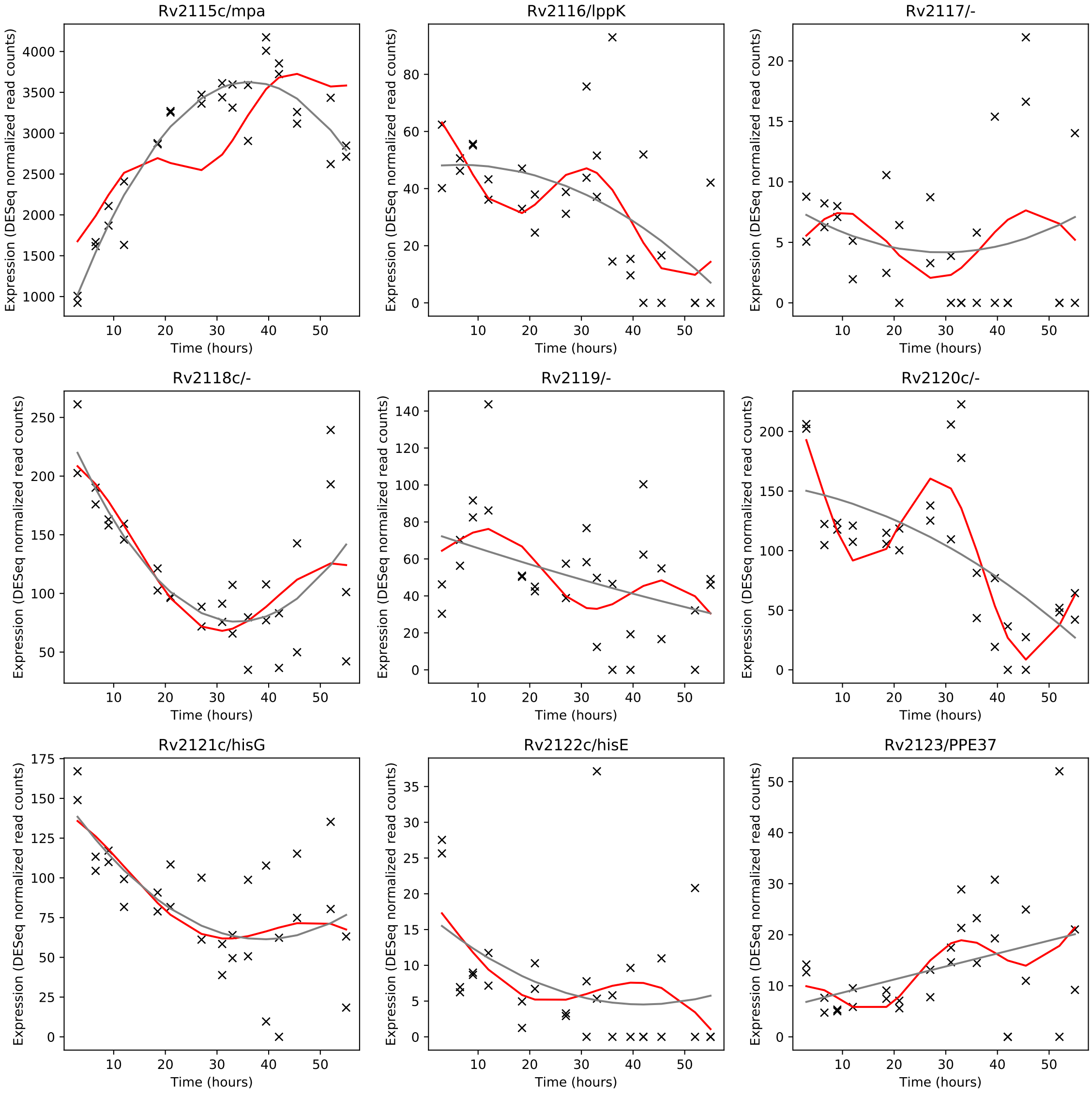

Rv2102/-
Expression (DESeq normalized read counts)
Time (hours)

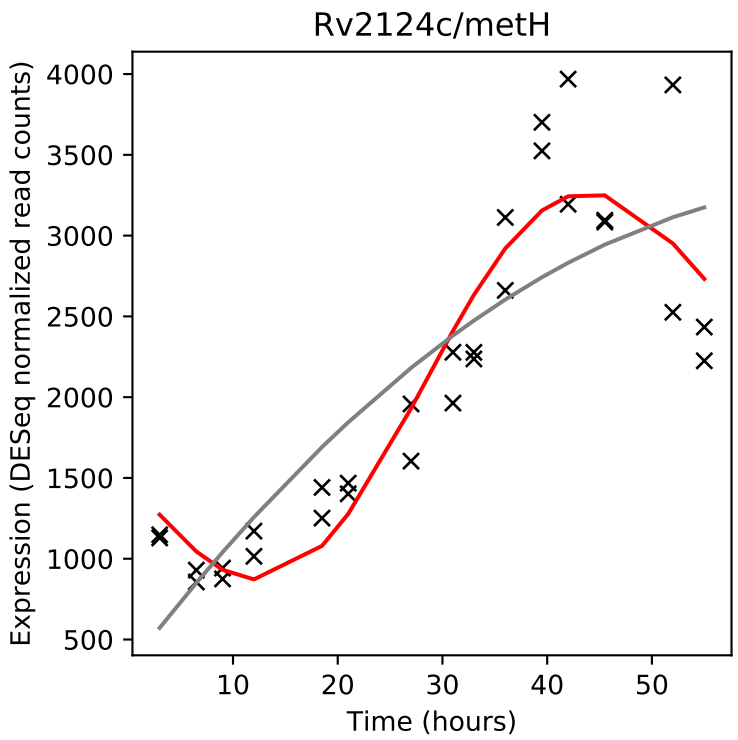

Rv2103c/vapC37
Expression (DESeq normalized read counts)
Time (hours)

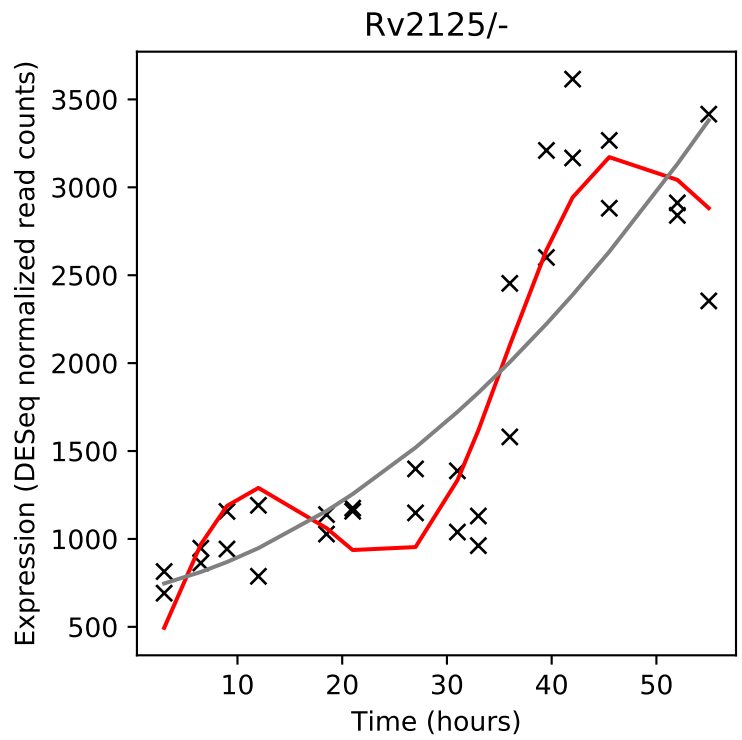

Rv2104c/vapB37
Expression (DESeq normalized read counts)
Time (hours)

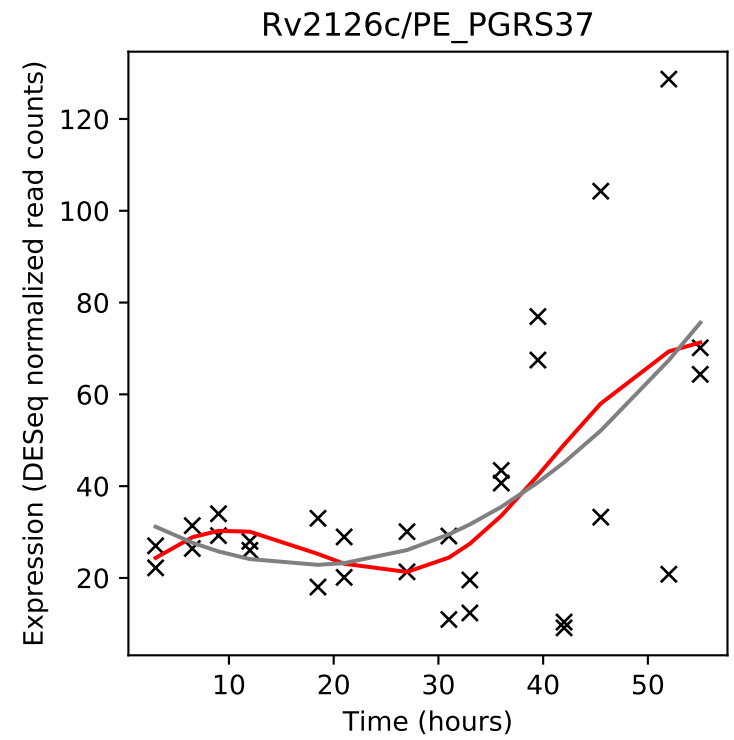

Rv2105/-
Expression (DESeq normalized read counts)
Time (hours)

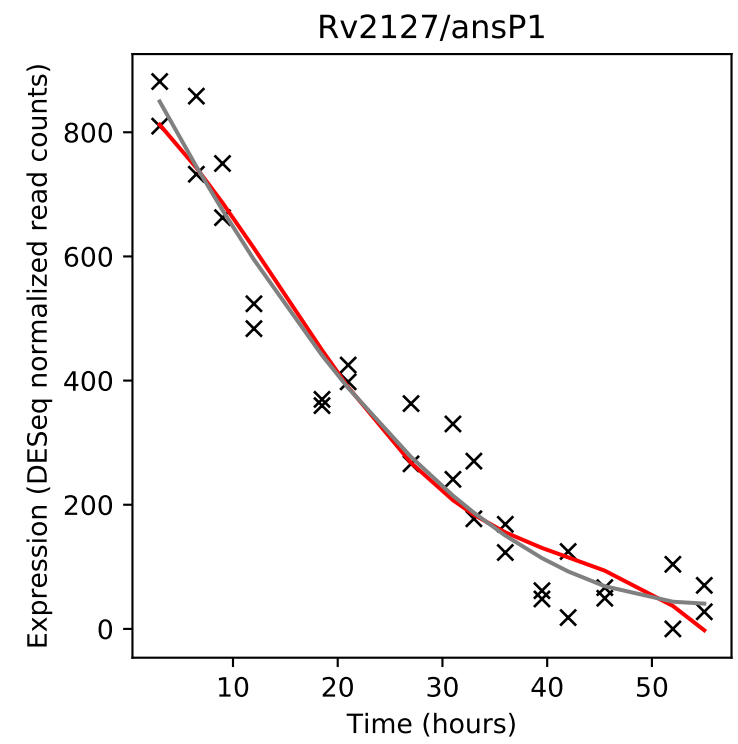

Rv2106/-
Rv2107/PE22
Rv2108/PPE36
Rv2109c/prcA
Rv2110c/prcB
Rv2111c/pup
Rv2112c/dop
Rv2113/-
Rv2114/-
Expression (DESeq normalized read counts)
Time (hours)

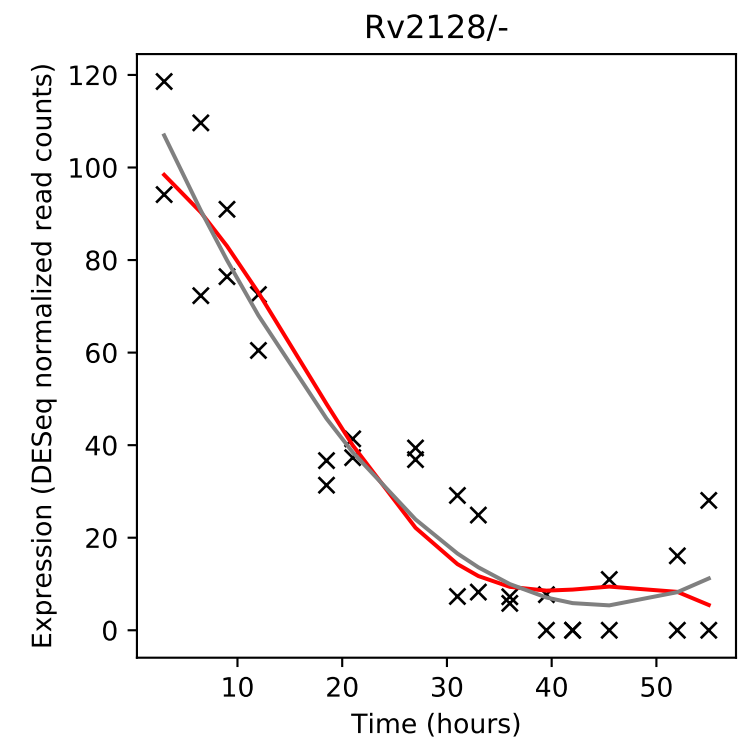

Rv2115c/mpa
Rv2116/lppK
Rv2117/-
Rv2118c/-
Rv2119/-
Rv2120c/-
Rv2121c/hisG
Rv2122c/hisE
Rv2123/PPE37
Expression (DESeq normalized read counts)
Time (hours)

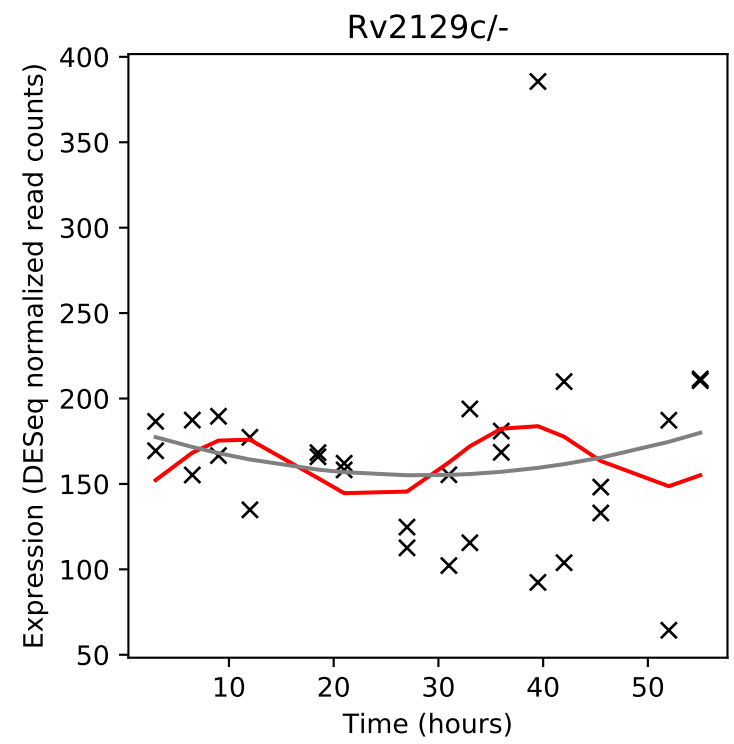

Rv2124c/metH
Expression (DESeq normalized read counts)
Time (hours)

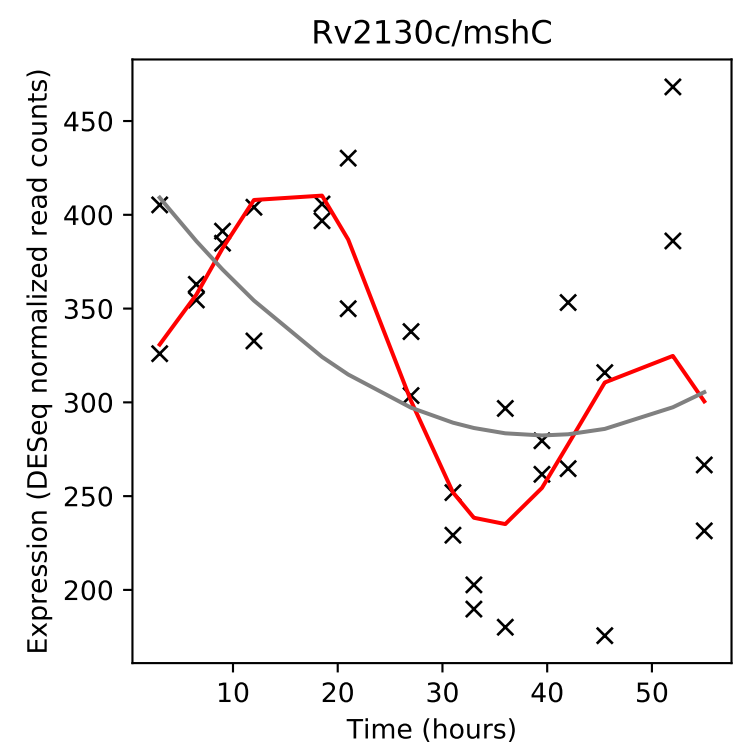

Rv2125/-
Expression (DESeq normalized read counts)
Time (hours)

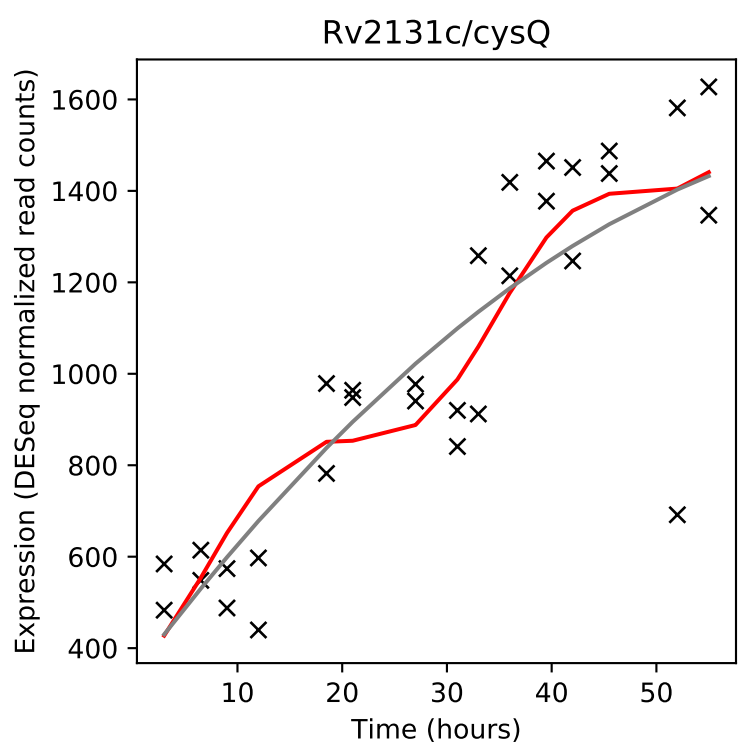

Rv2126c/PE_PGRS37
Expression (DESeq normalized read counts)
Time (hours)

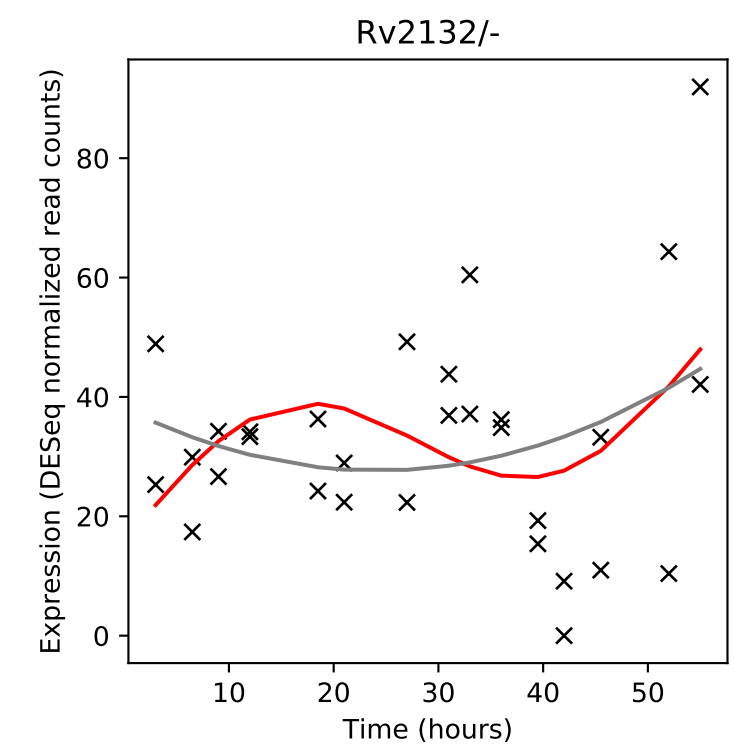

Rv2127/ansP1
Expression (DESeq normalized read counts)
Time (hours)

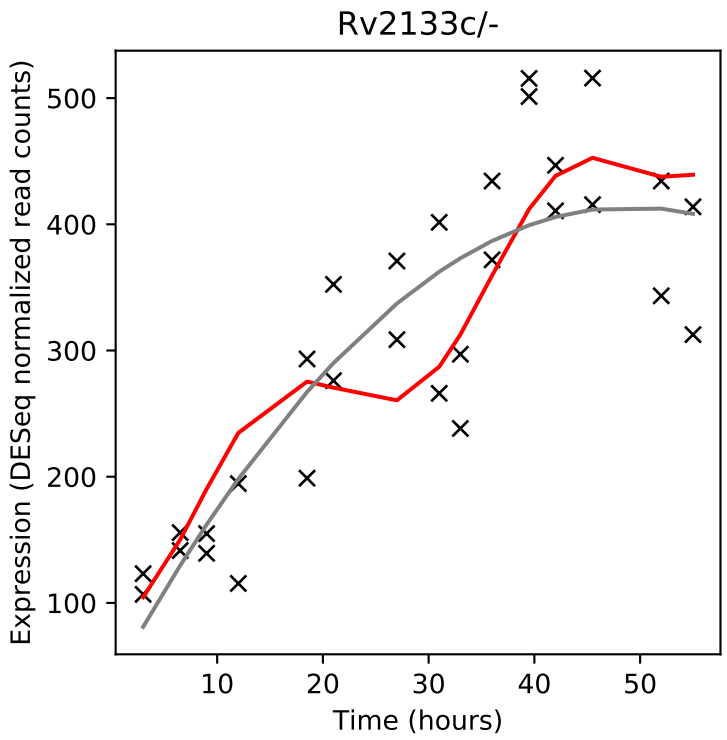

Rv2128/-
Expression (DESeq normalized read counts)
Time (hours)

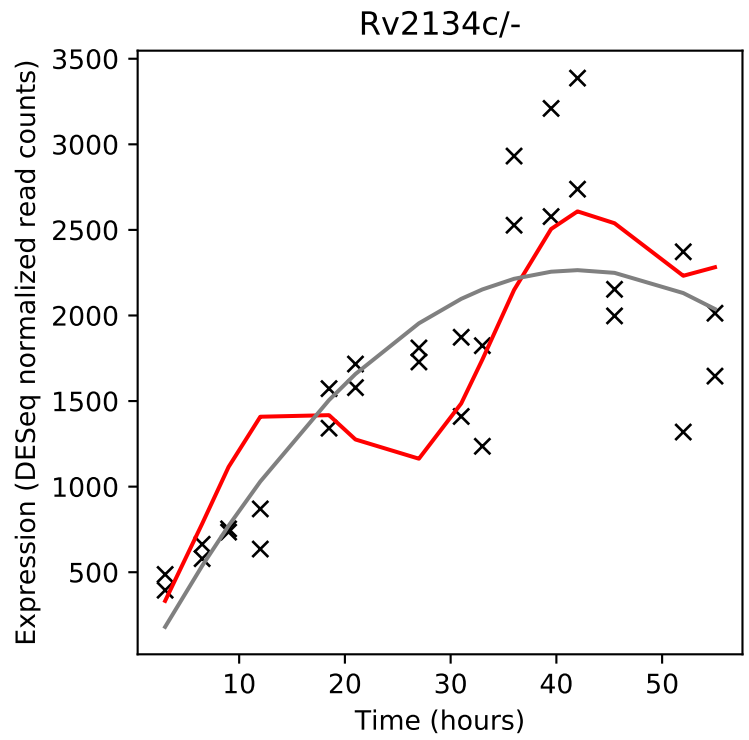

Rv2129c/-
Expression (DESeq normalized read counts)
Time (hours)

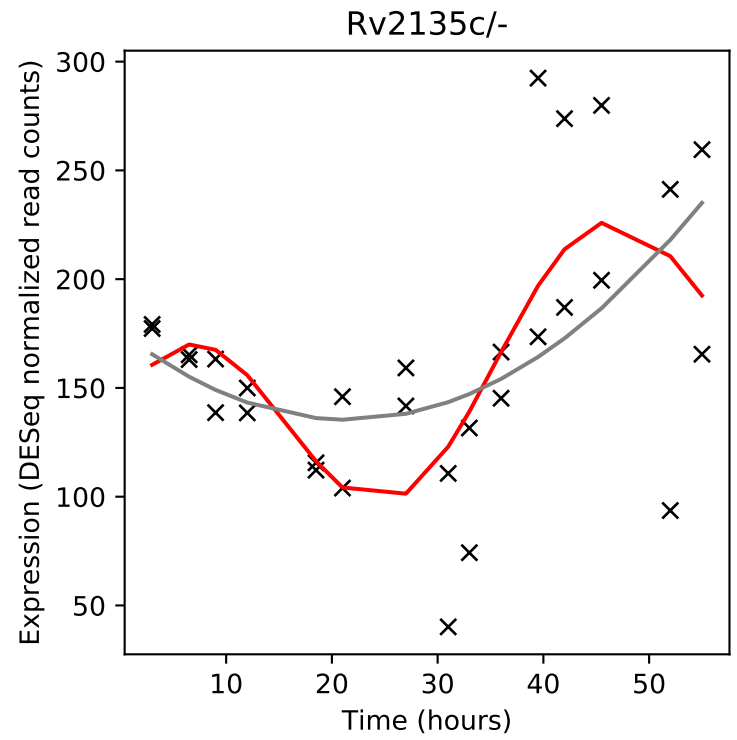

Rv2130c/mshC
Expression (DESeq normalized read counts)
Time (hours)

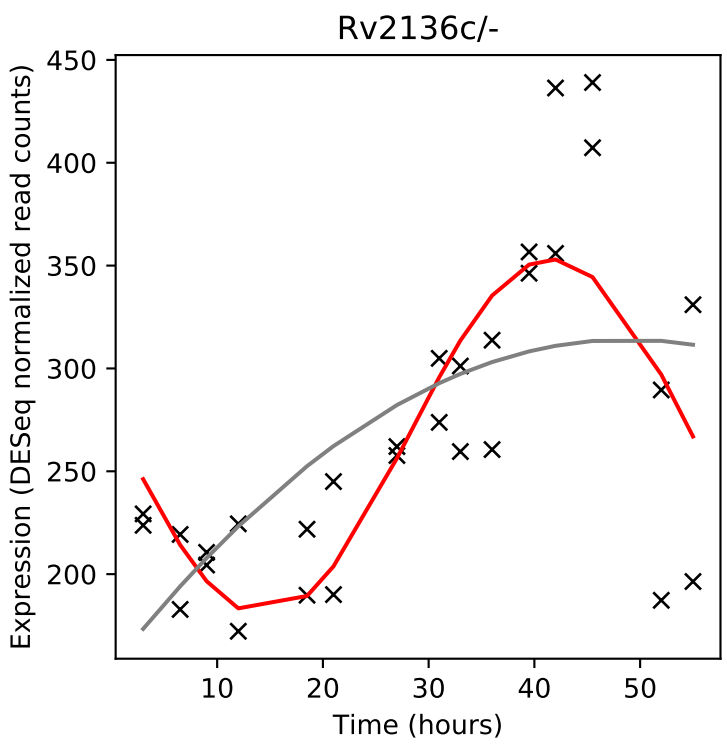

Rv2131c/cysQ
Expression (DESeq normalized read counts)
Time (hours)

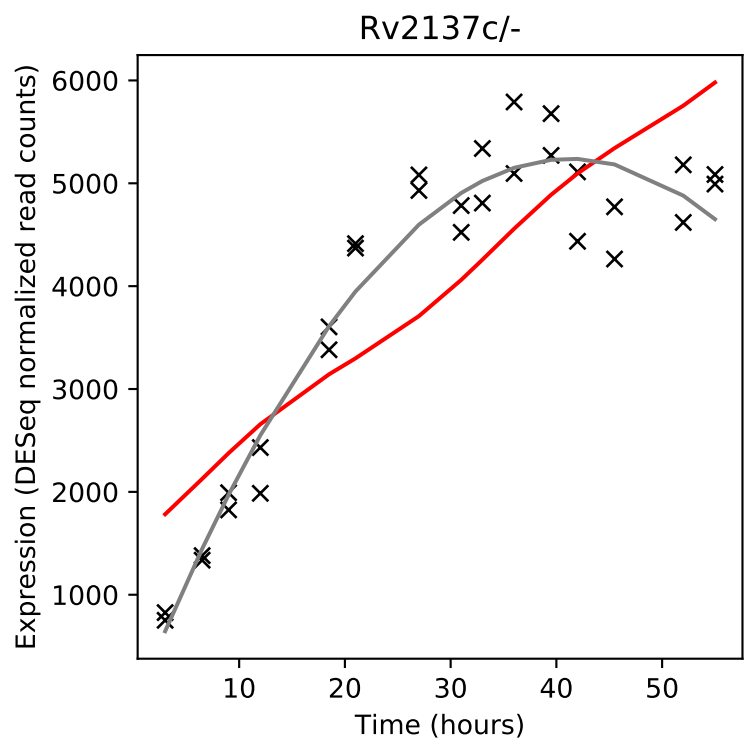

Rv2132/-
Expression (DESeq normalized read counts)
Time (hours)

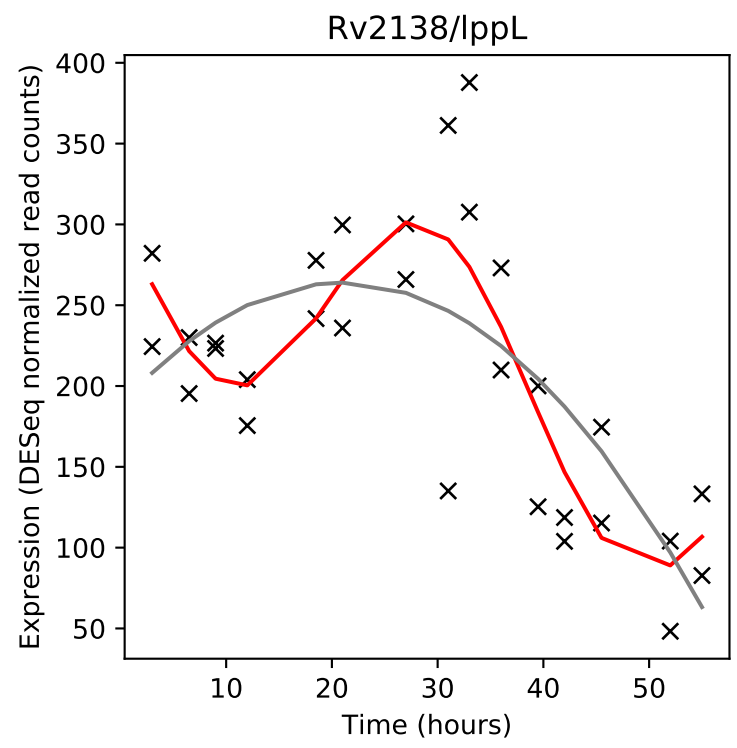

Rv2133c/-
Expression (DESeq normalized read counts)
Time (hours)

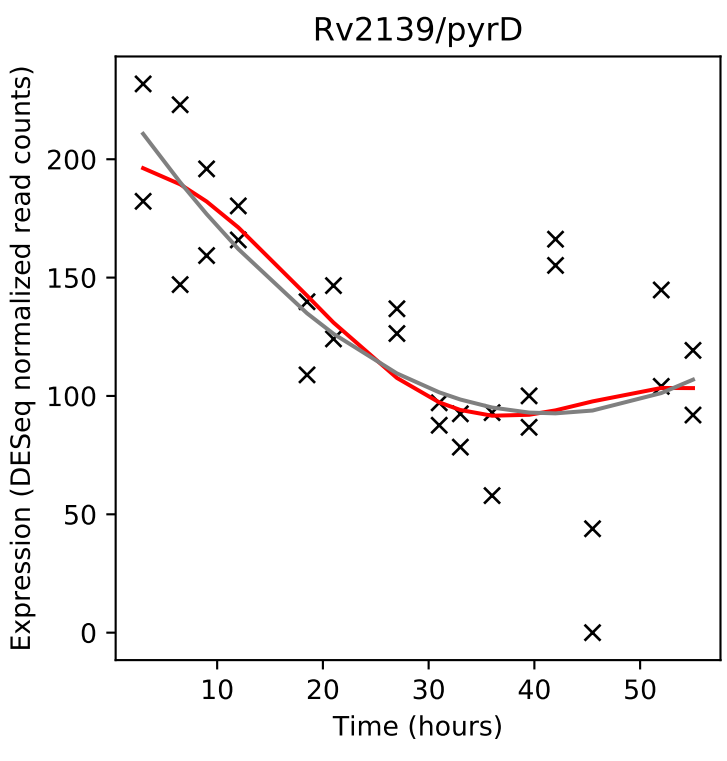

Rv2134c/-
Expression (DESeq normalized read counts)
Time (hours)

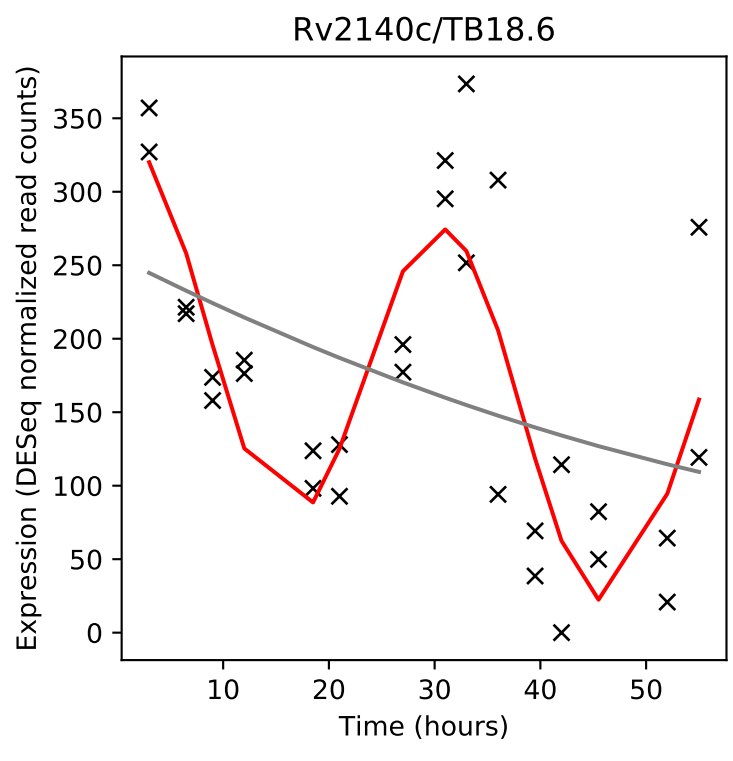

Rv2135c/-
Expression (DESeq normalized read counts)
Time (hours)

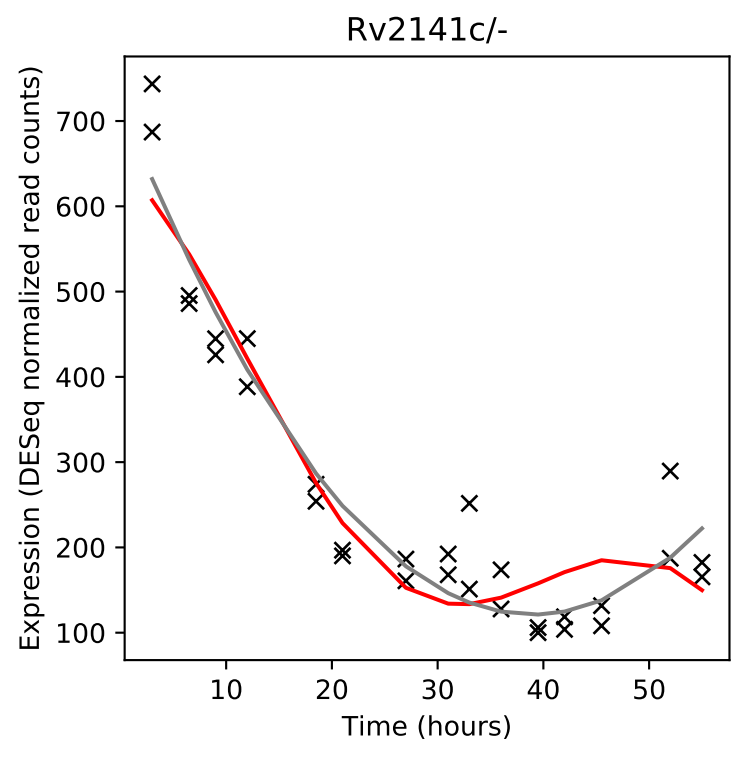

Rv2136c/-
Expression (DESeq normalized read counts)
Time (hours)

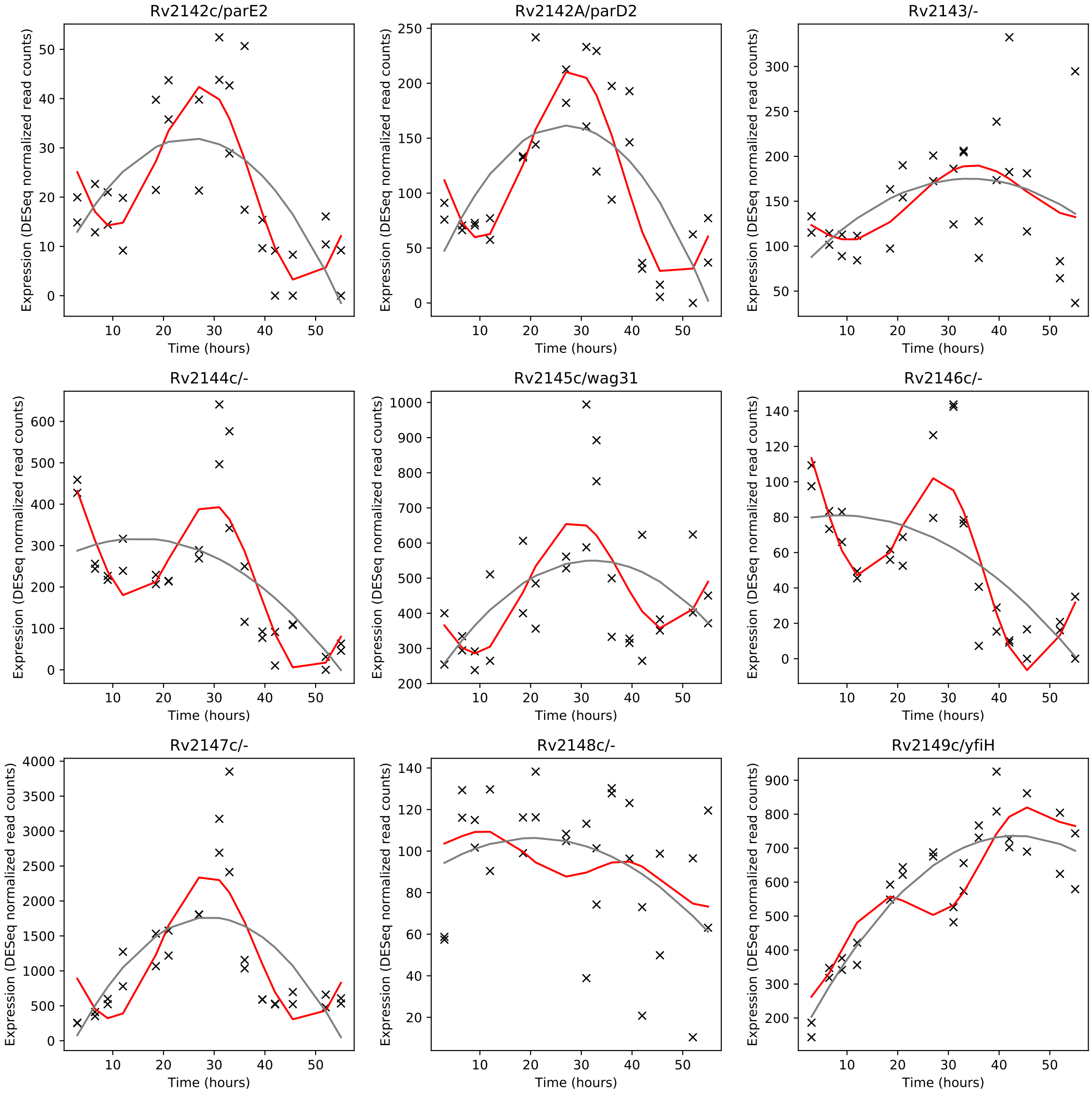

Rv2137c/-
Expression (DESeq normalized read counts)
Time (hours)

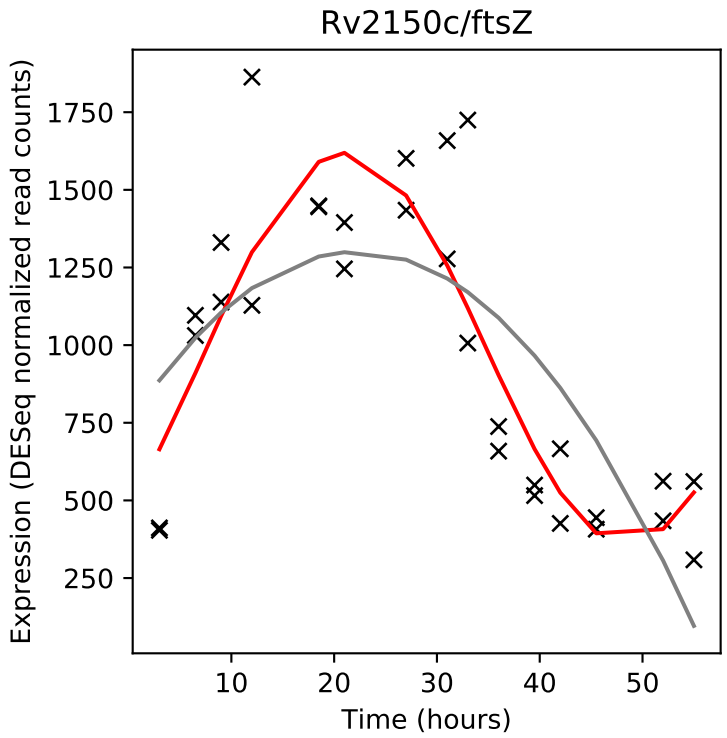

Rv2138/lppL
Expression (DESeq normalized read counts)
Time (hours)

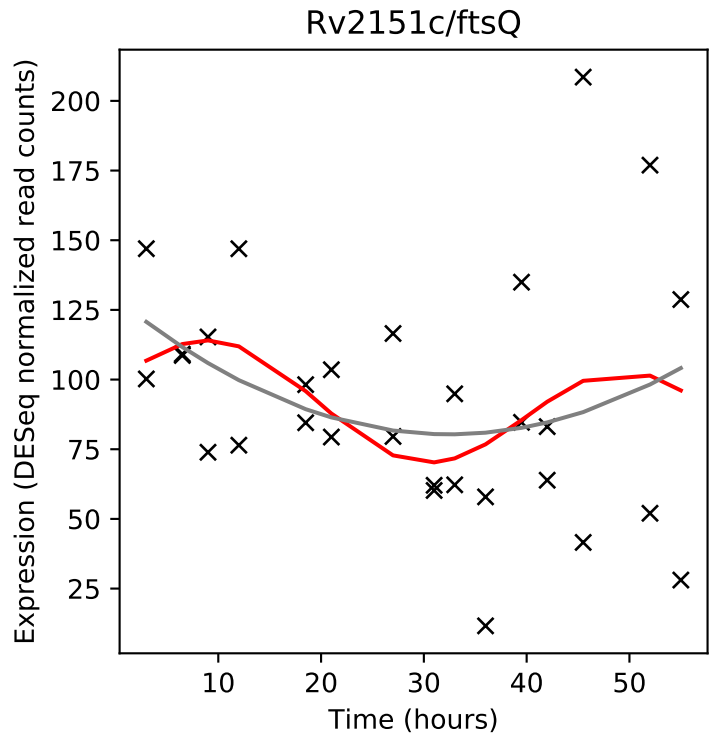

Rv2139/pyrD
Expression (DESeq normalized read counts)
Time (hours)

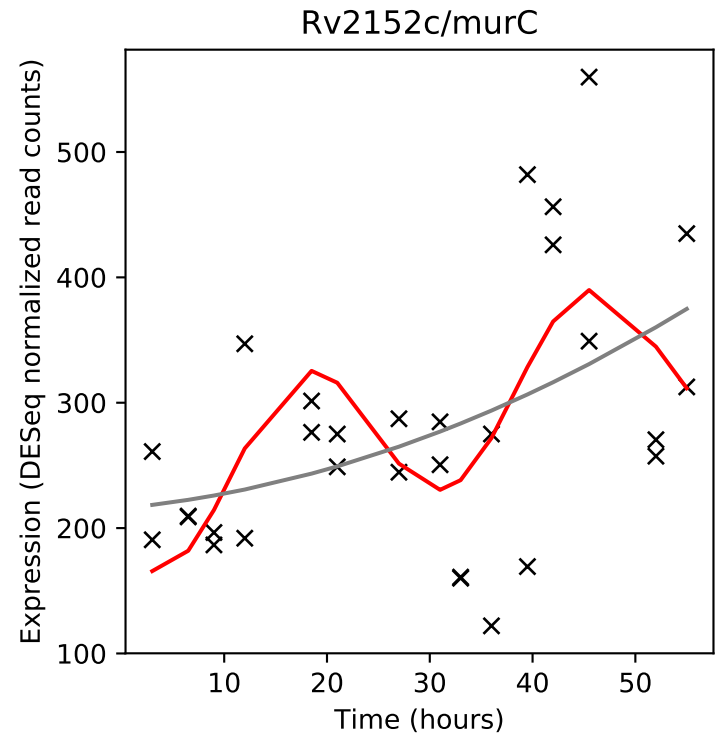

Rv2140c/TB18.6
Expression (DESeq normalized read counts)
Time (hours)

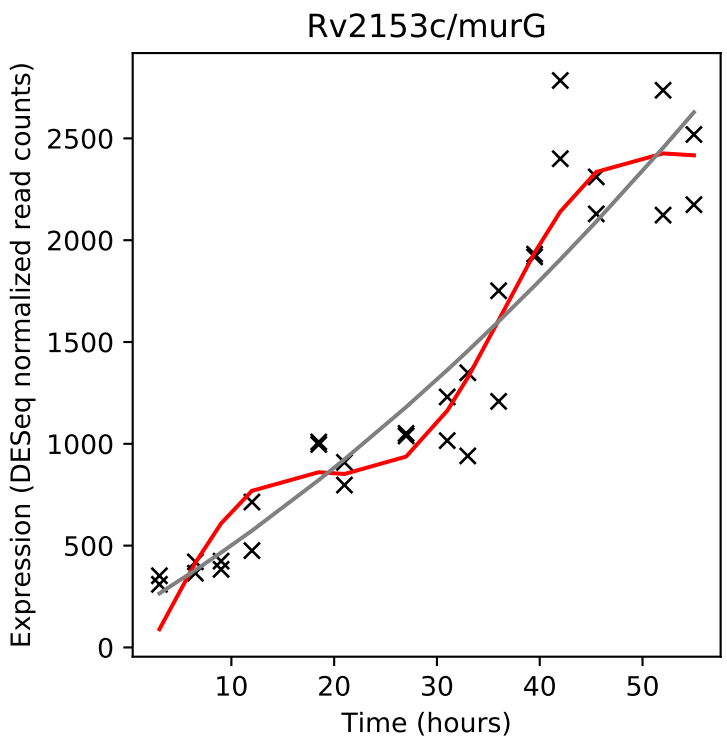

Rv2141c/-
Expression (DESeq normalized read counts)
Time (hours)

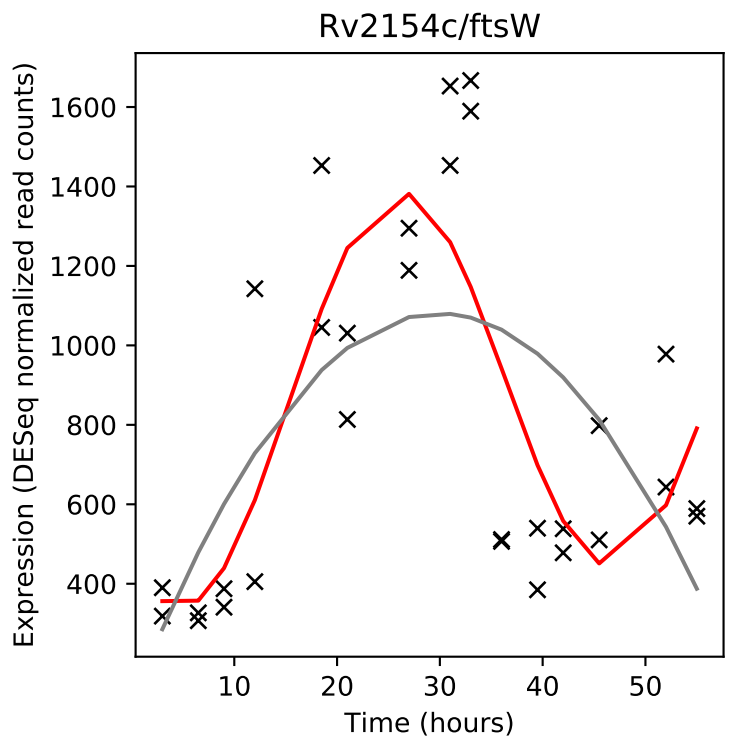

Rv2142c/parE2
Rv2142A/parD2
Rv2143/-
Rv2144c/-
Rv2145c/wag31
Rv2146c/-
Rv2147c/-
Rv2148c/-
Rv2149c/yfiH
Expression (DESeq normalized read counts)
Time (hours)

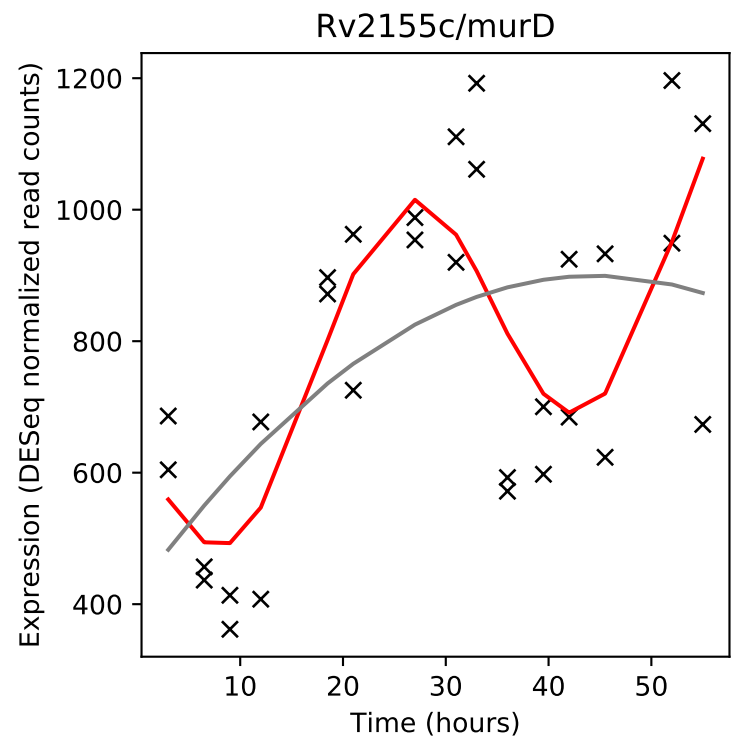

Rv2150c/ftsZ
Expression (DESeq normalized read counts)
Time (hours)

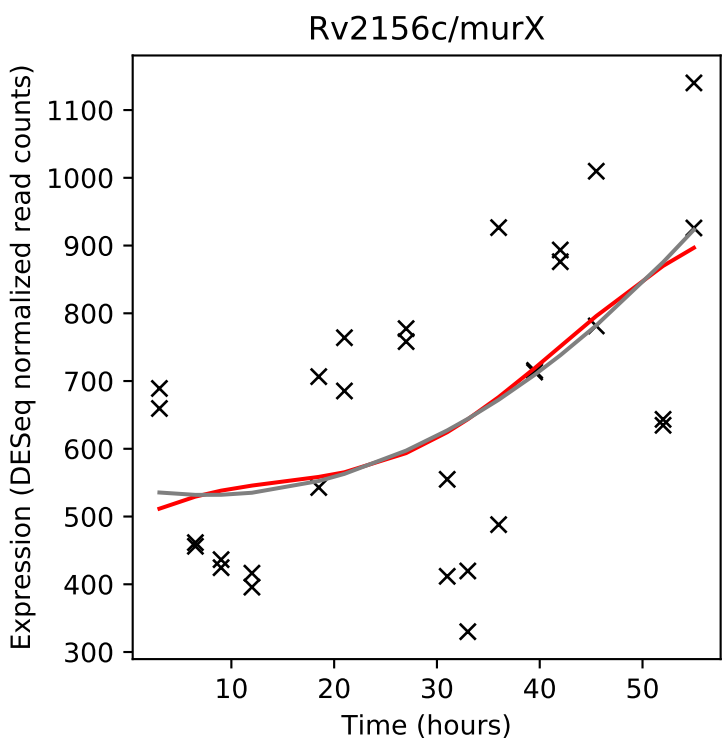

Rv2151c/ftsQ
Expression (DESeq normalized read counts)
Time (hours)

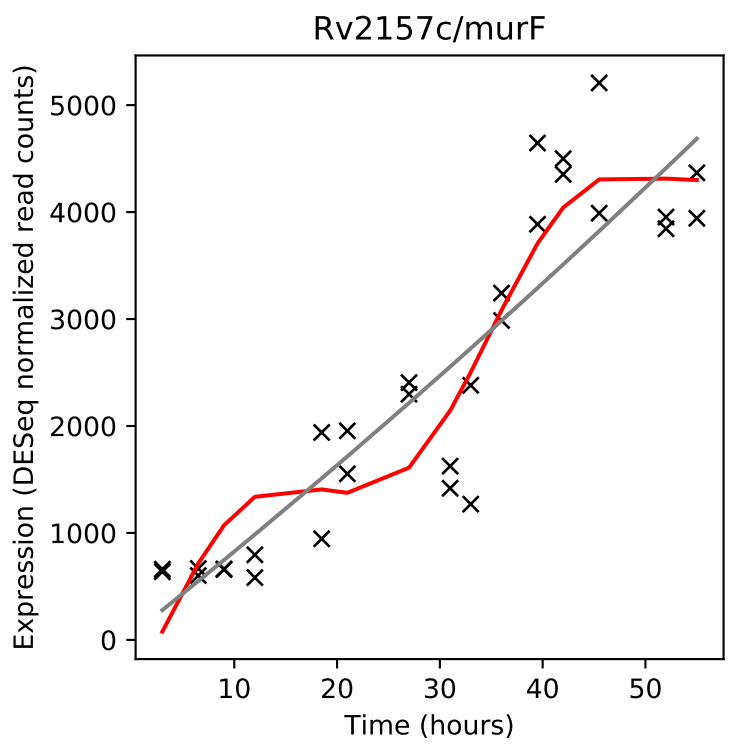

Rv2152c/murC
Expression (DESeq normalized read counts)
Time (hours)

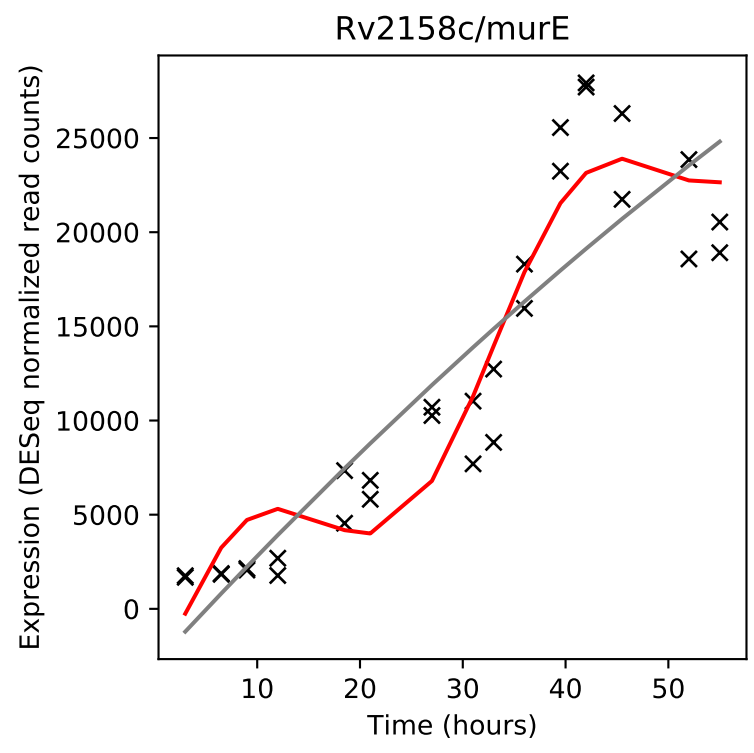

Rv2153c/murG
Expression (DESeq normalized read counts)
Time (hours)

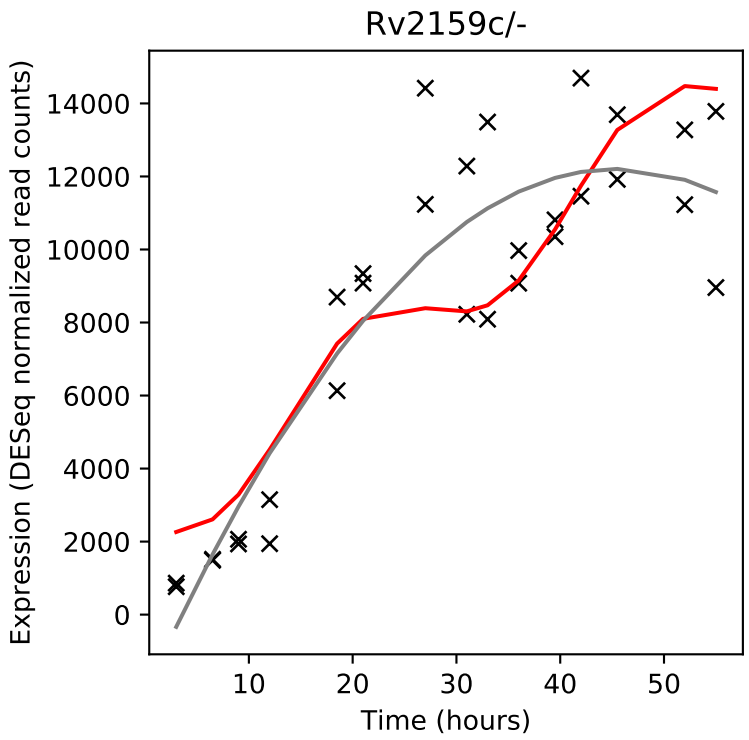

Rv2154c/ftsW
Expression (DESeq normalized read counts)
Time (hours)

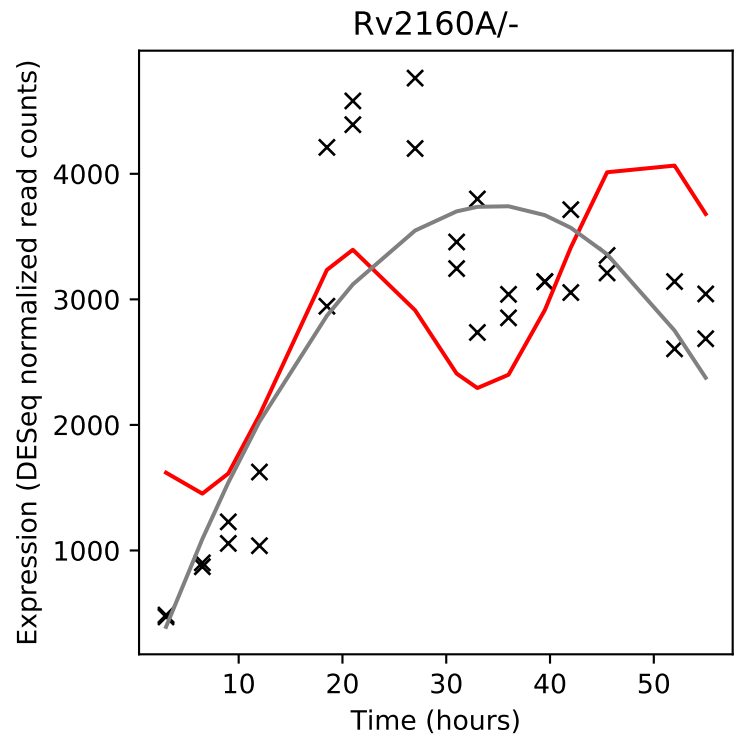

Rv2155c/murD
Expression (DESeq normalized read counts)
Time (hours)

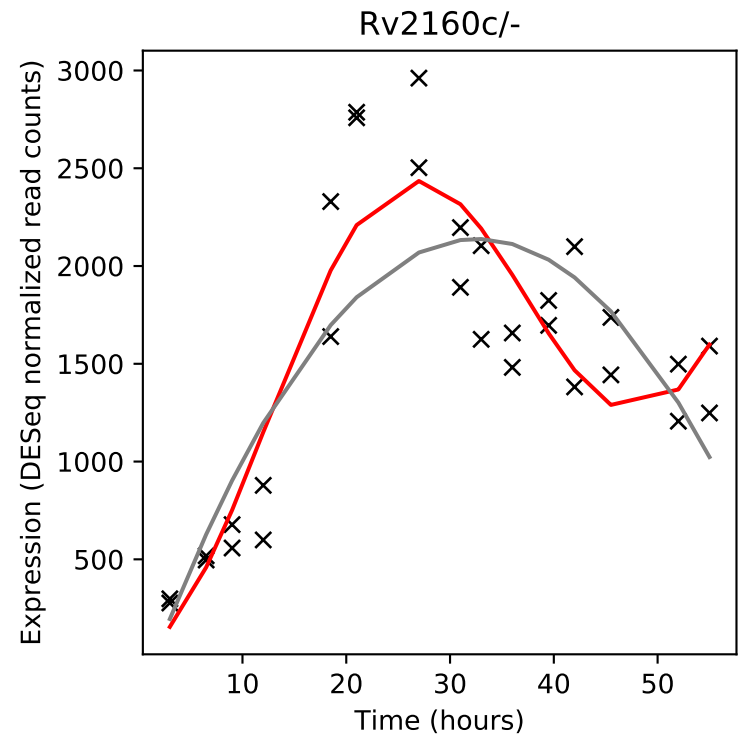

Rv2156c/murX
Expression (DESeq normalized read counts)
Time (hours)

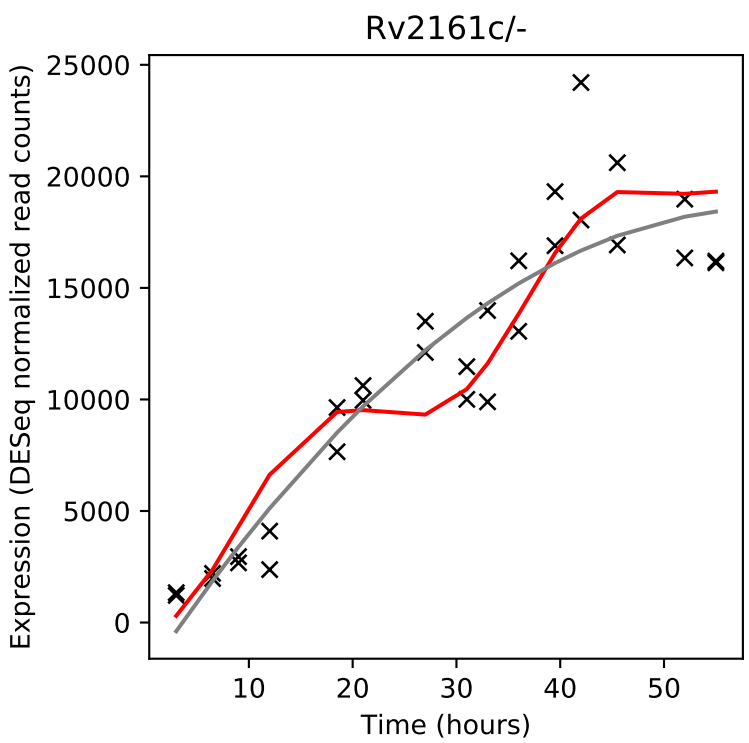

Rv2157c/murF
Expression (DESeq normalized read counts)
Time (hours)

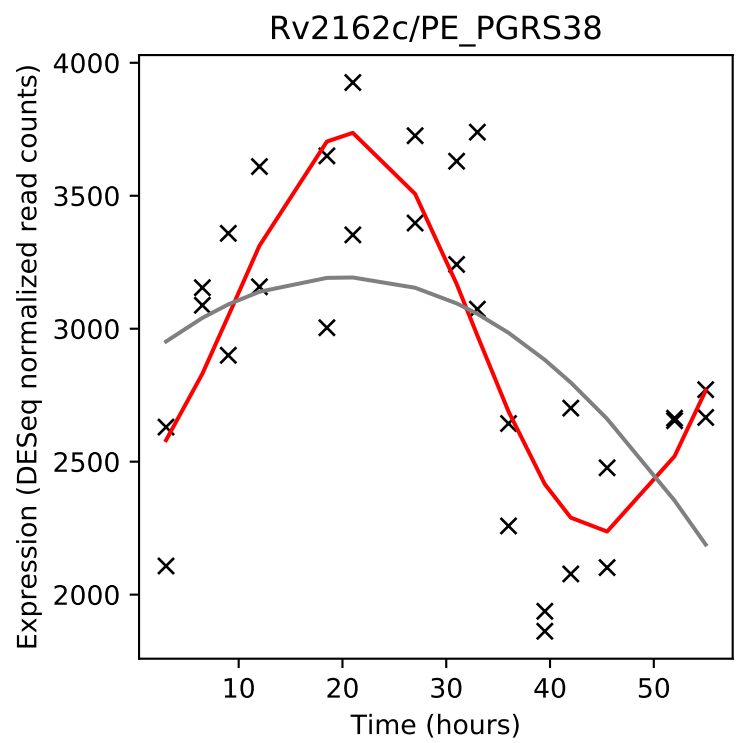

Rv2158c/murE
Expression (DESeq normalized read counts)
Time (hours)

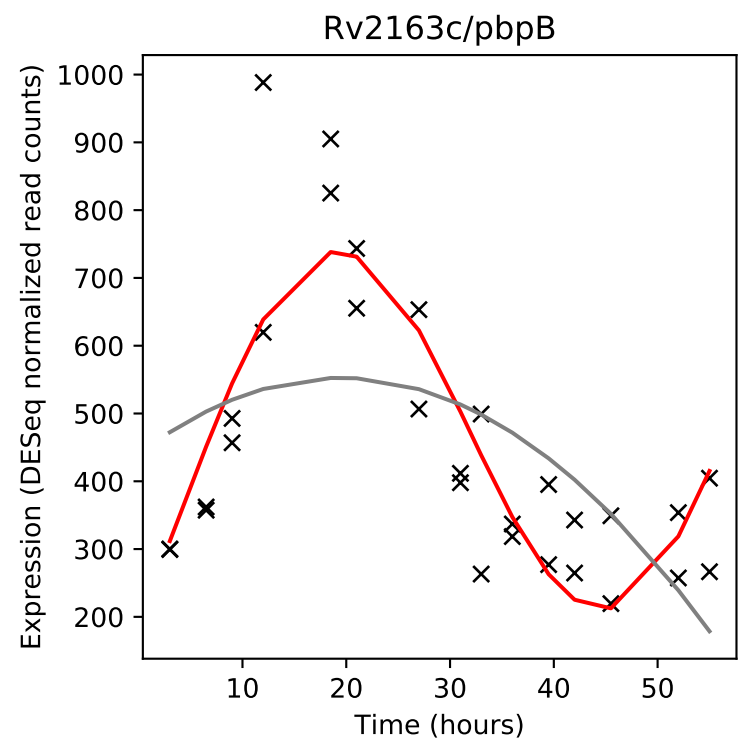

Rv2159c/-
Expression (DESeq normalized read counts)
Time (hours)

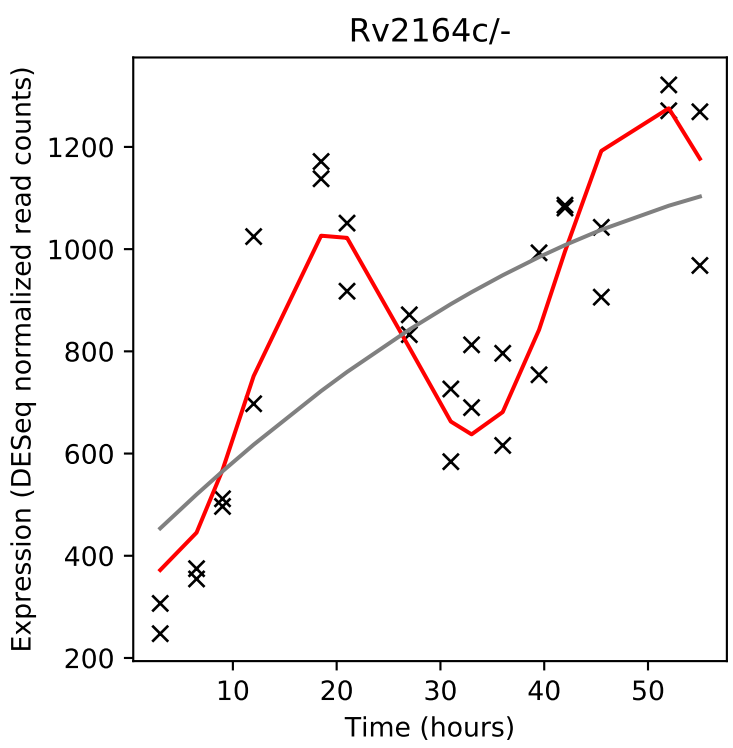

Rv2160A/-
Expression (DESeq normalized read counts)
Time (hours)

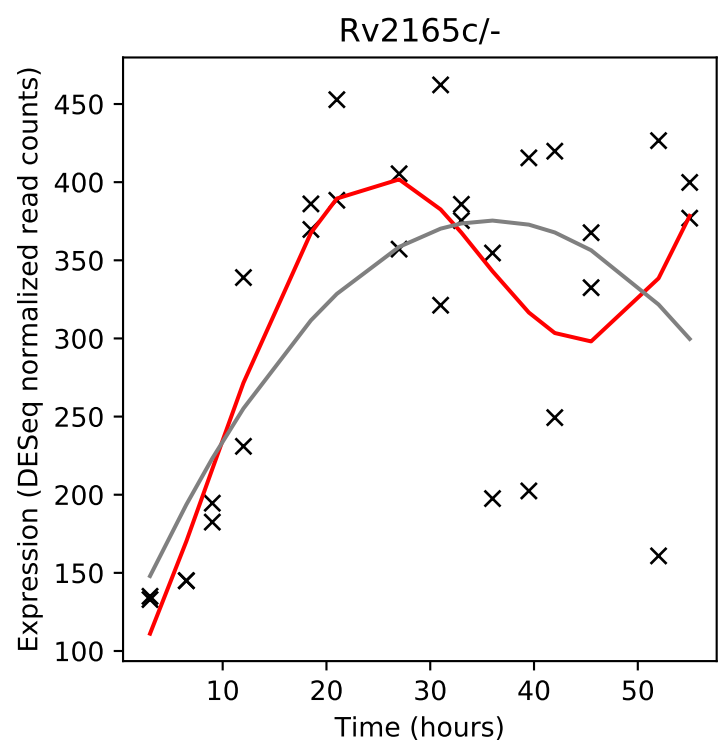

Rv2160c/-
Expression (DESeq normalized read counts)
Time (hours)

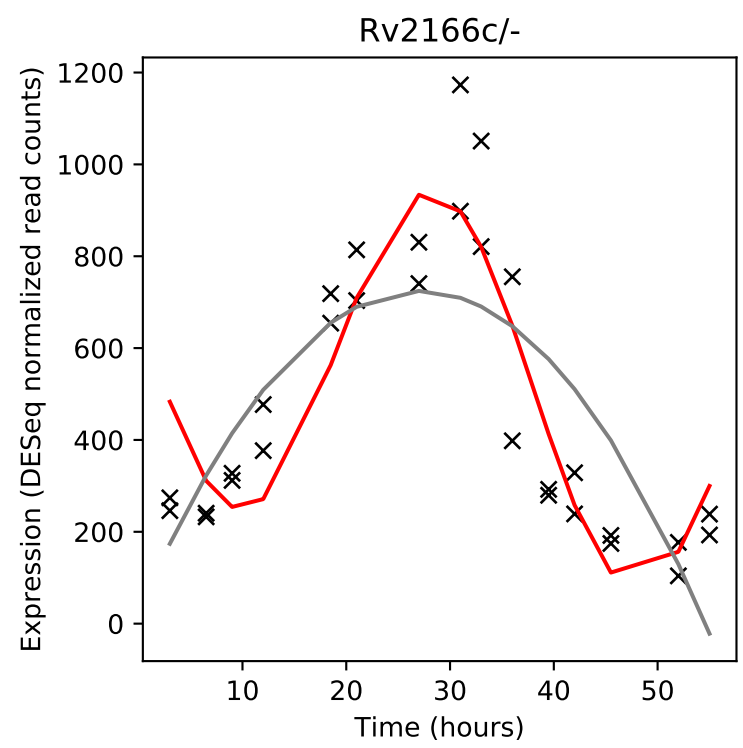

Rv2161c/-
Expression (DESeq normalized read counts)
Time (hours)

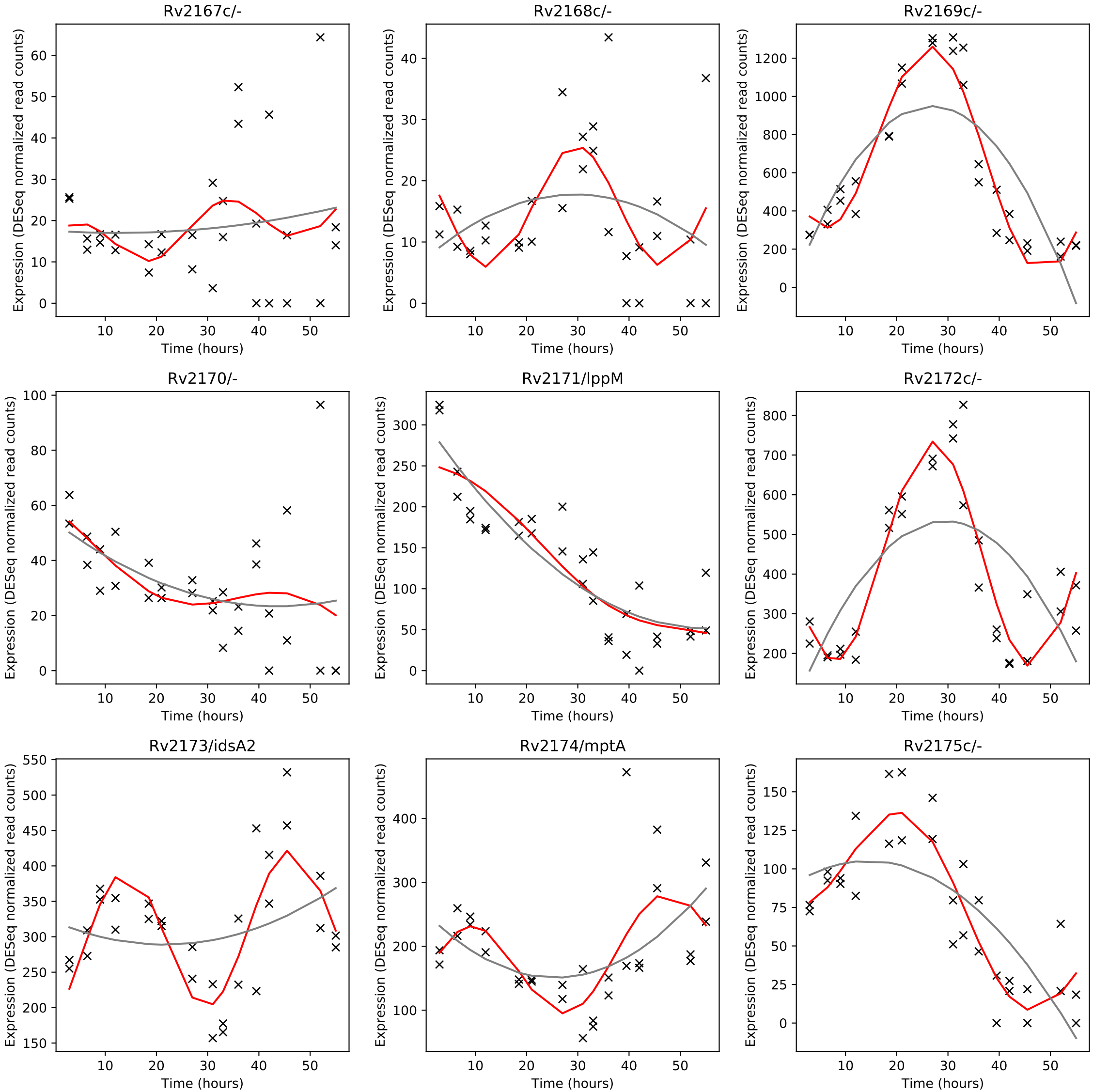

Rv2162c/PE_PGRS38
Expression (DESeq normalized read counts)
Time (hours)

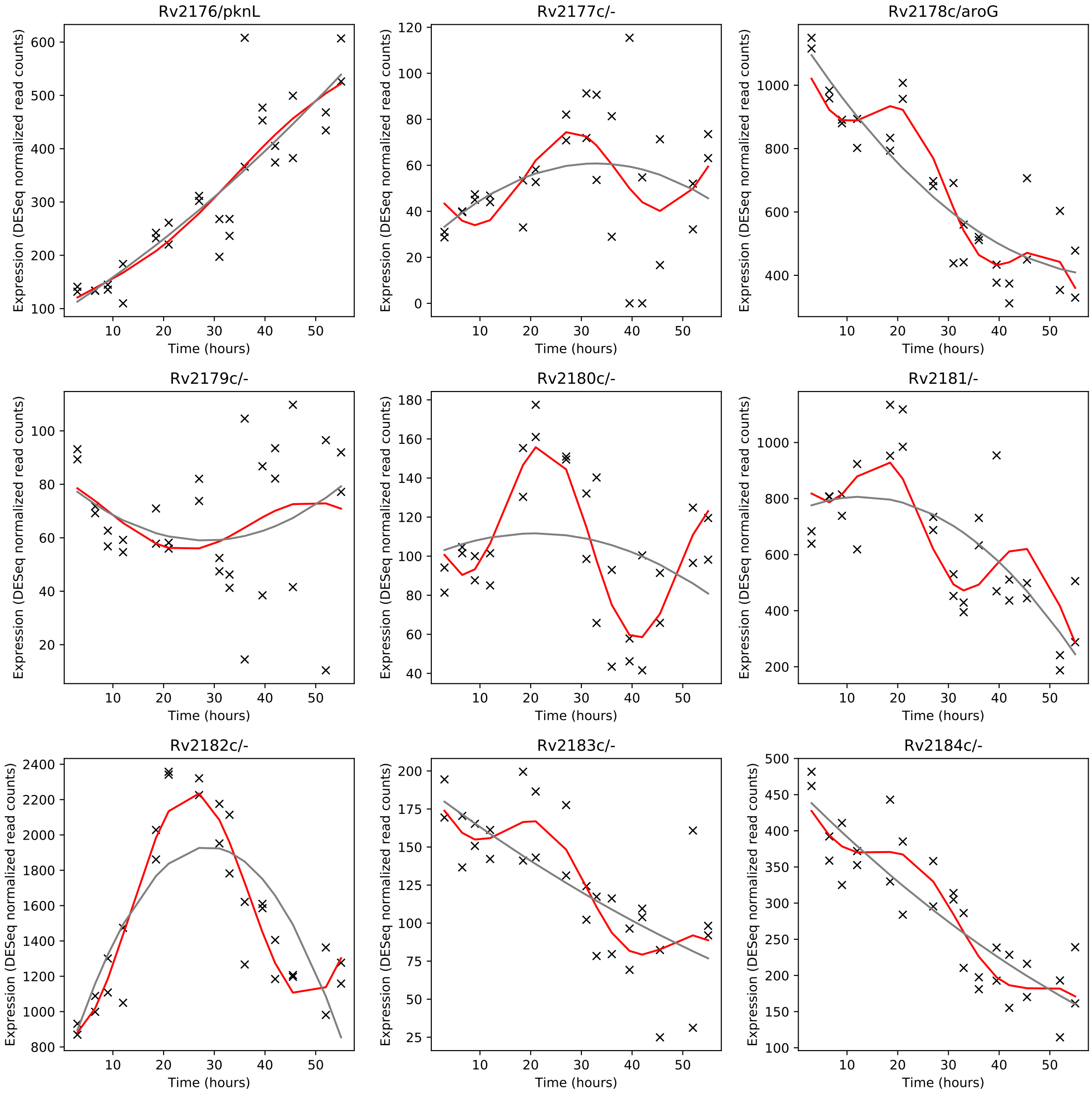

Rv2163c/pbpB
Expression (DESeq normalized read counts)
Time (hours)

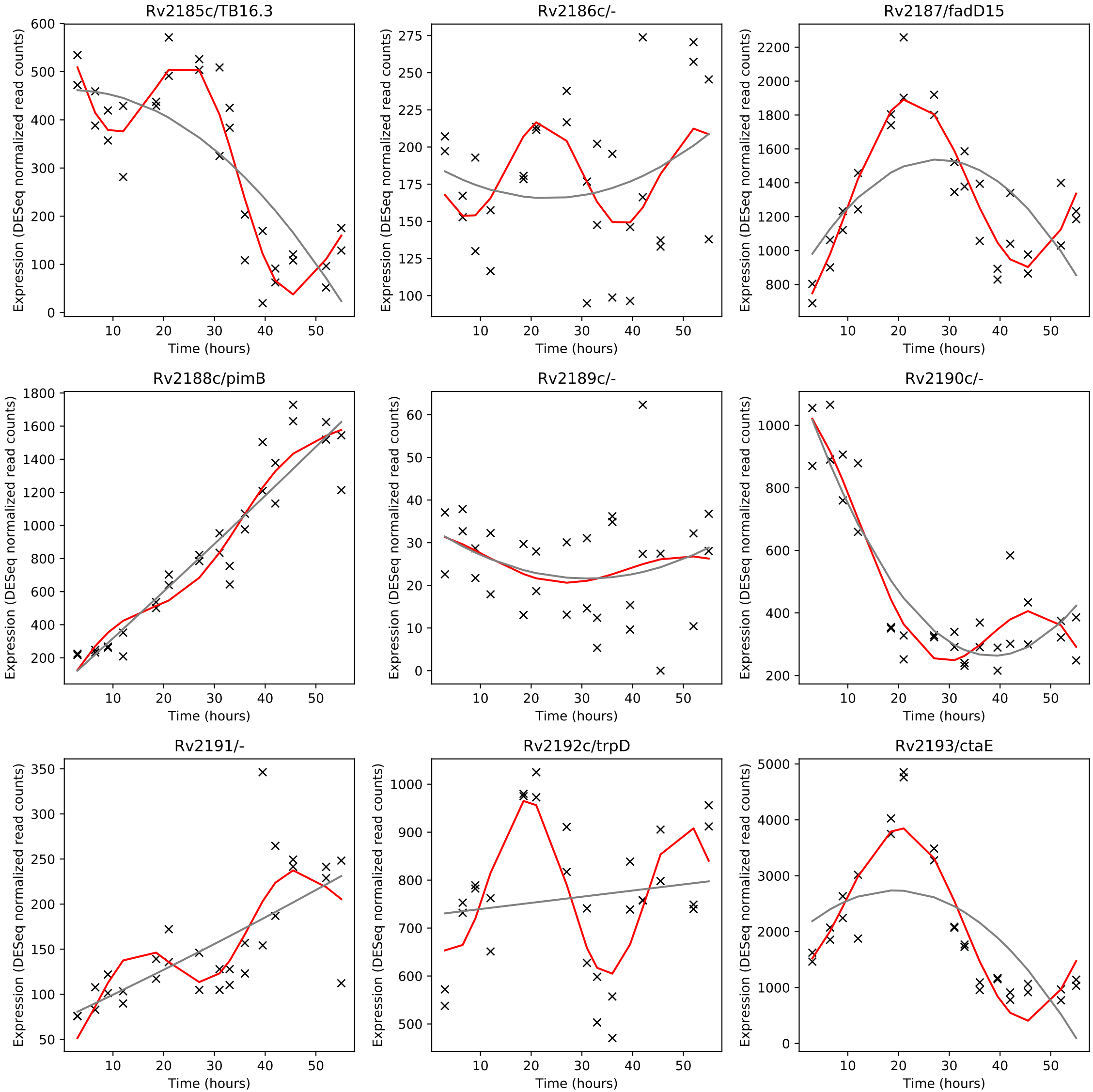

Rv2164c/-
Expression (DESeq normalized read counts)
Time (hours)

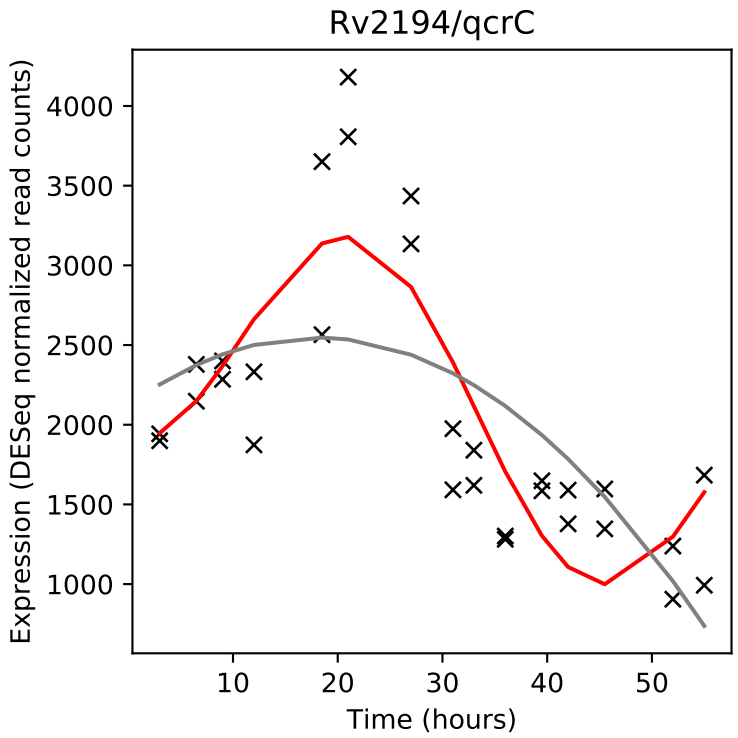

Rv2165c/-
Expression (DESeq normalized read counts)
Time (hours)

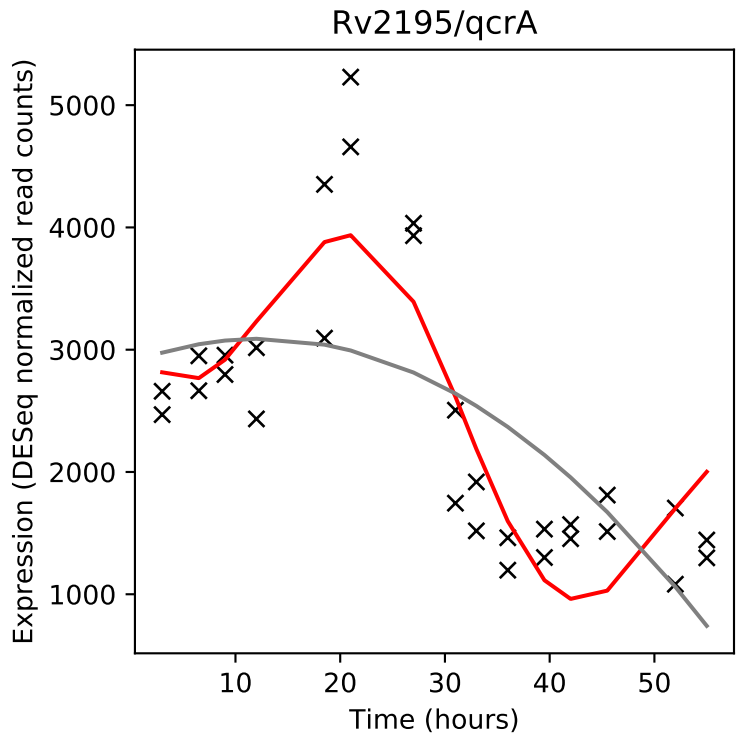

Rv2166c/-
Expression (DESeq normalized read counts)
Time (hours)

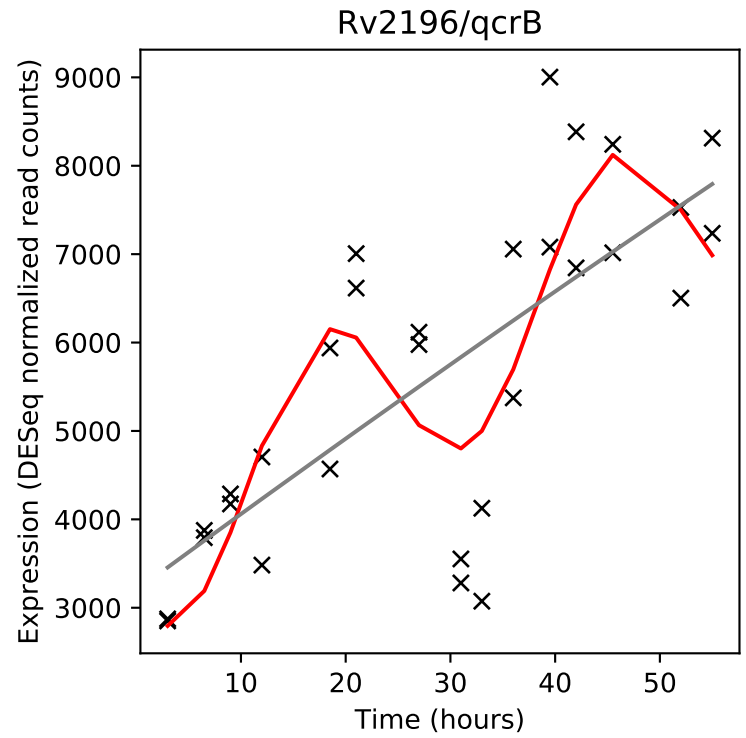

Rv2167c/-
Rv2168c/-
Rv2169c/-
Rv2170/-
Rv2171/lppM
Rv2172c/-
Rv2173/idsA2
Rv2174/mptA
Rv2175c/-
Expression (DESeq normalized read counts)
Time (hours)

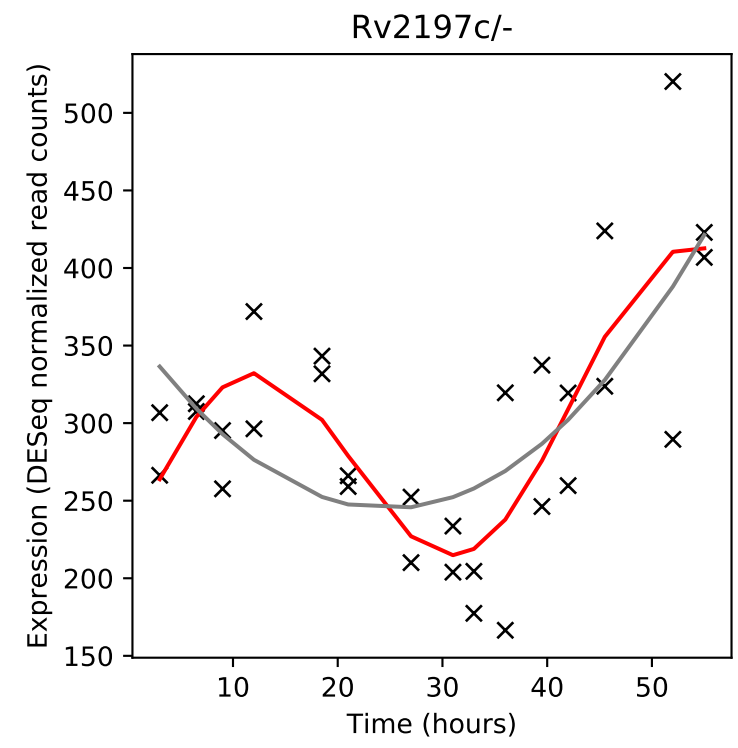

Rv2176/pknL
Rv2177c/-
Rv2178c/aroG
Rv2179c/-
Rv2180c/-
Rv2181/-
Rv2182c/-
Rv2183c/-
Rv2184c/-
Expression (DESeq normalized read counts)
Time (hours)

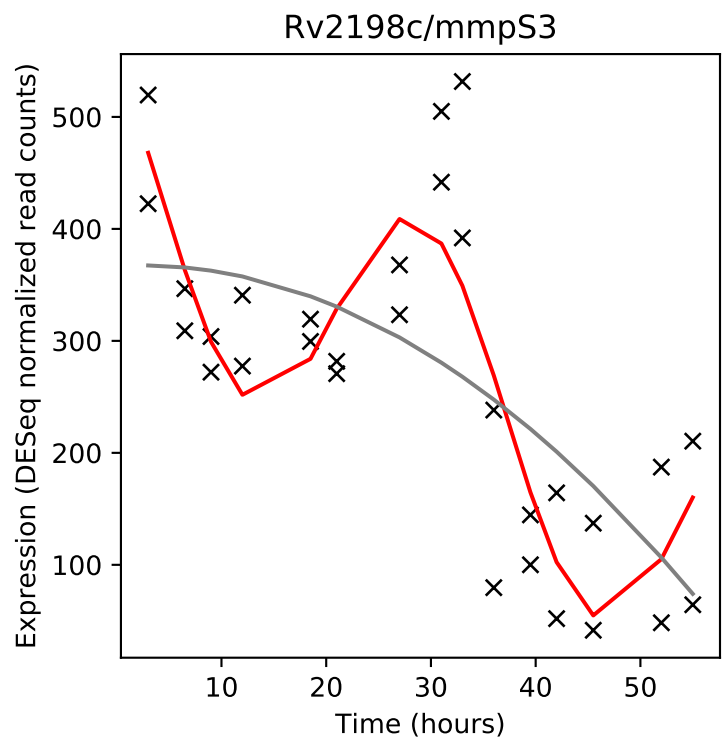

Rv2185c/TB16.3
Rv2186c/-
Rv2187/fadD15
Rv2188c/pimB
Rv2189c/-
Rv2190c/-
Rv2191/-
Rv2192c/trpD
Rv2193/ctaE
Expression (DESeq normalized read counts)
Time (hours)

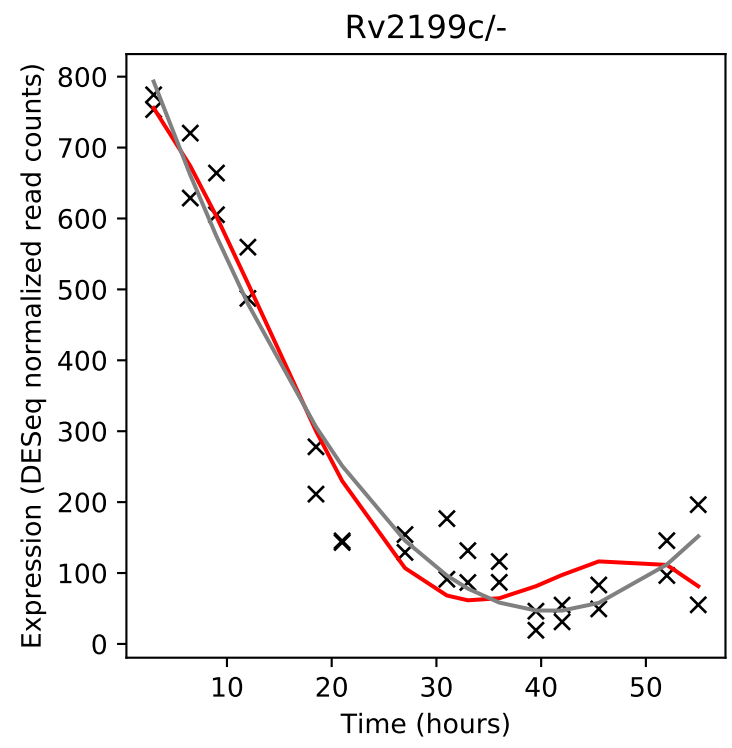

Rv2194/qcrC
Expression (DESeq normalized read counts)
Time (hours)

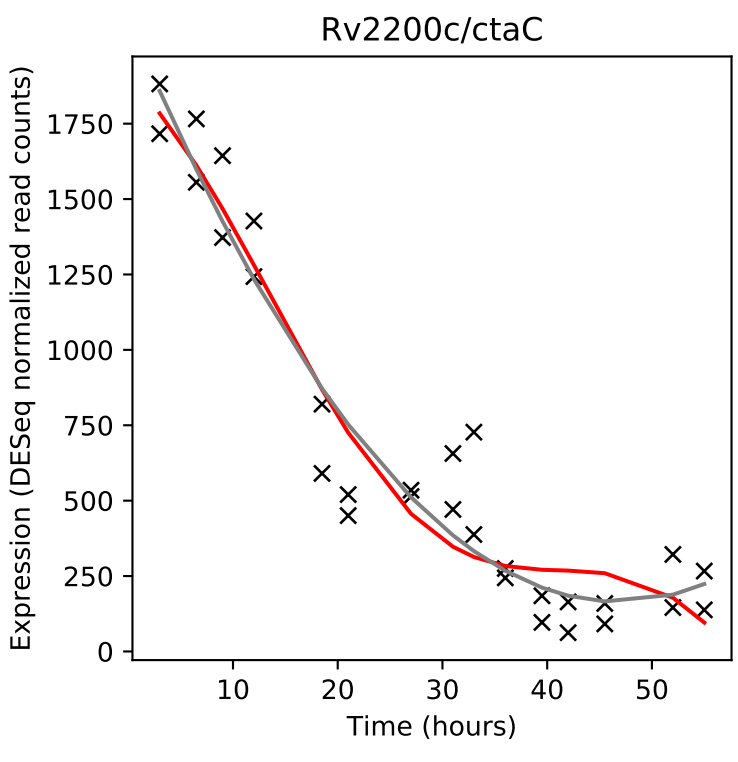

Rv2195/qcrA
Expression (DESeq normalized read counts)
Time (hours)

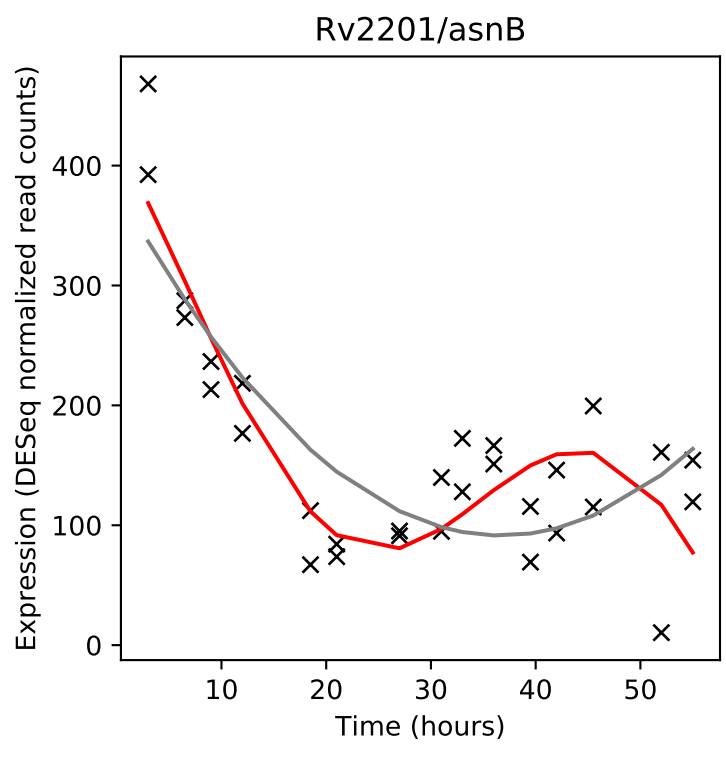

Rv2196/qcrB
Expression (DESeq normalized read counts)
Time (hours)

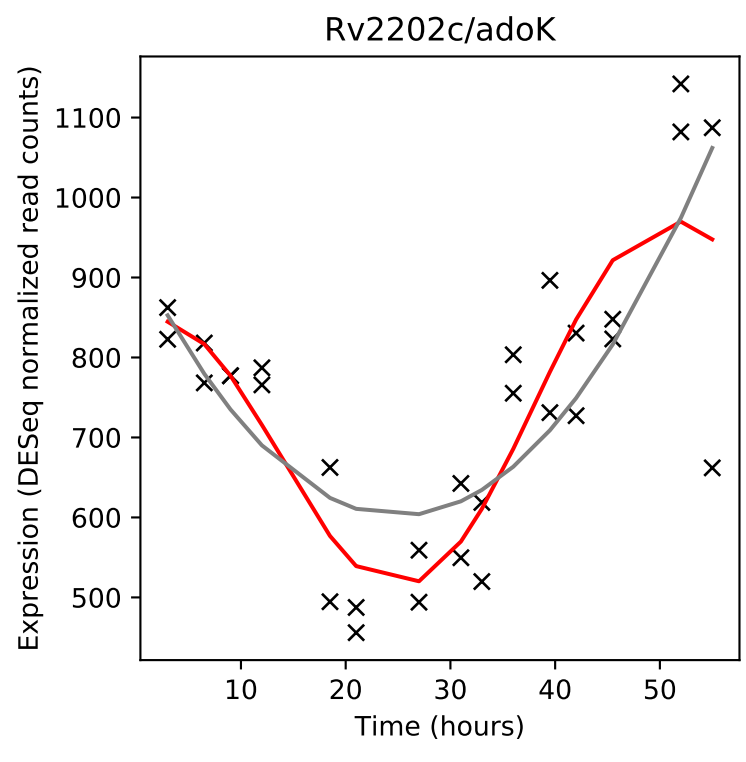

Rv2197c/-
Expression (DESeq normalized read counts)
Time (hours)

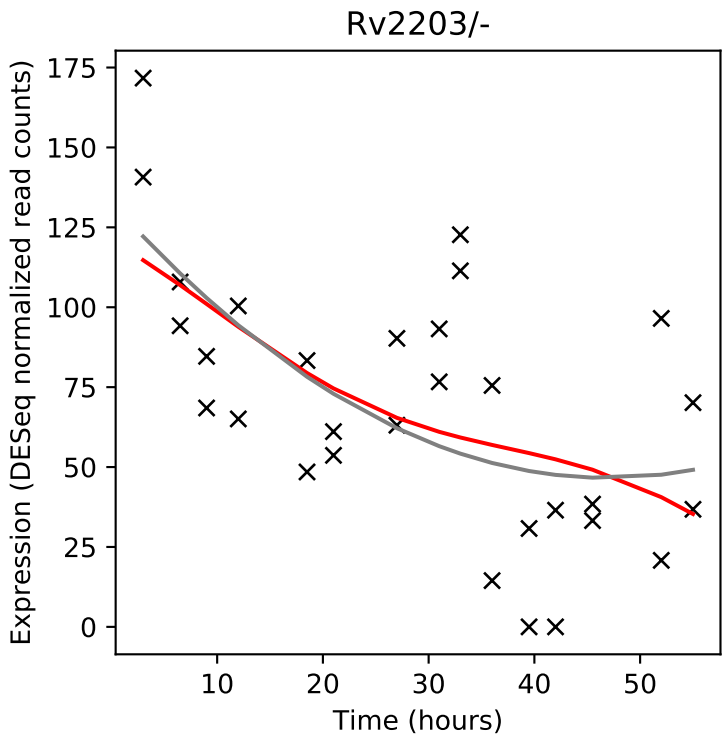

Rv2198c/mmpS3
Expression (DESeq normalized read counts)
Time (hours)

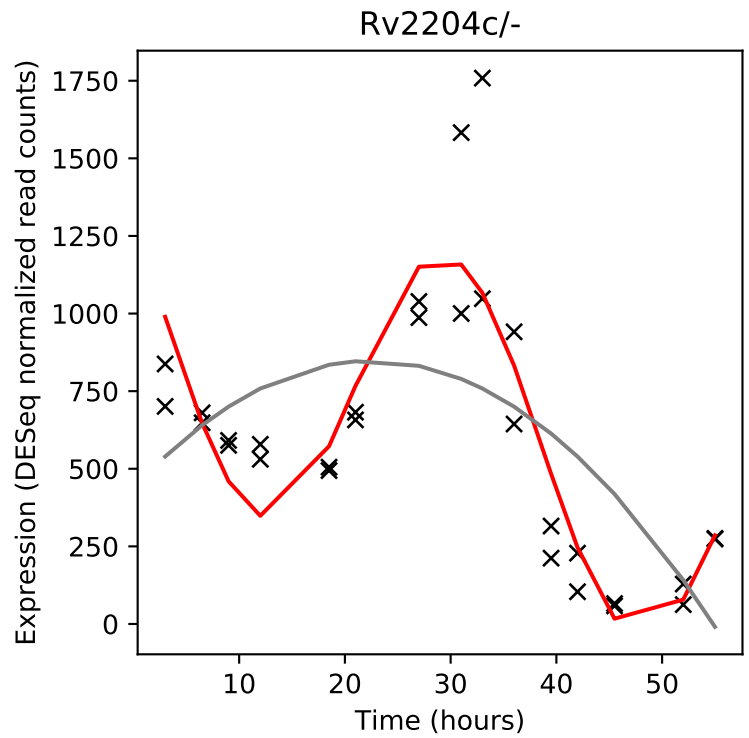

Rv2199c/-
Expression (DESeq normalized read counts)
Time (hours)

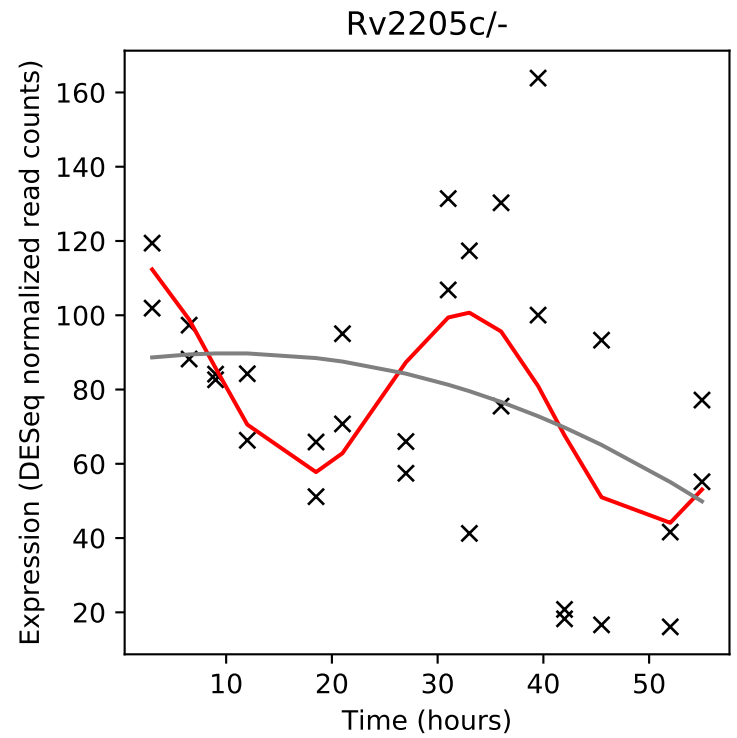

Rv2200c/ctaC
Expression (DESeq normalized read counts)
Time (hours)

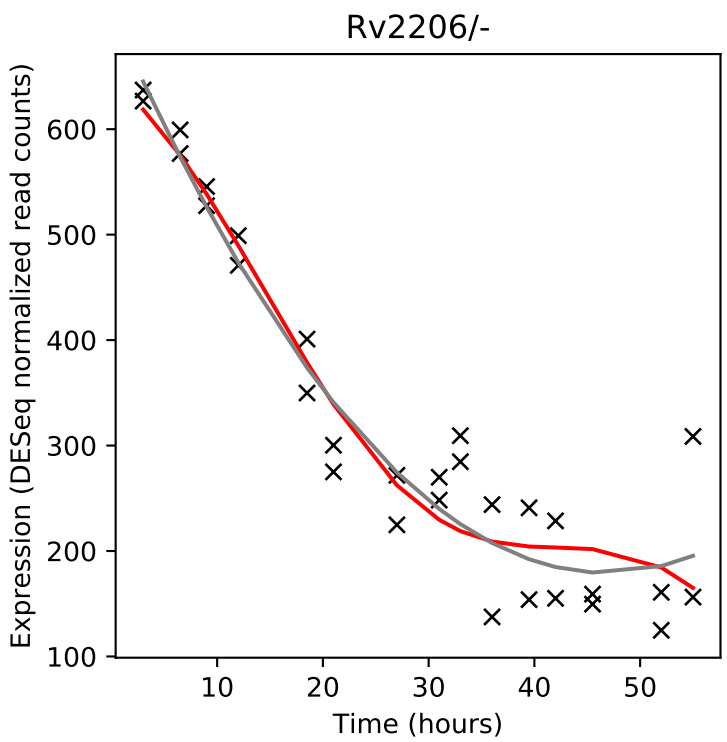

Rv2201/asnB
Expression (DESeq normalized read counts)
Time (hours)

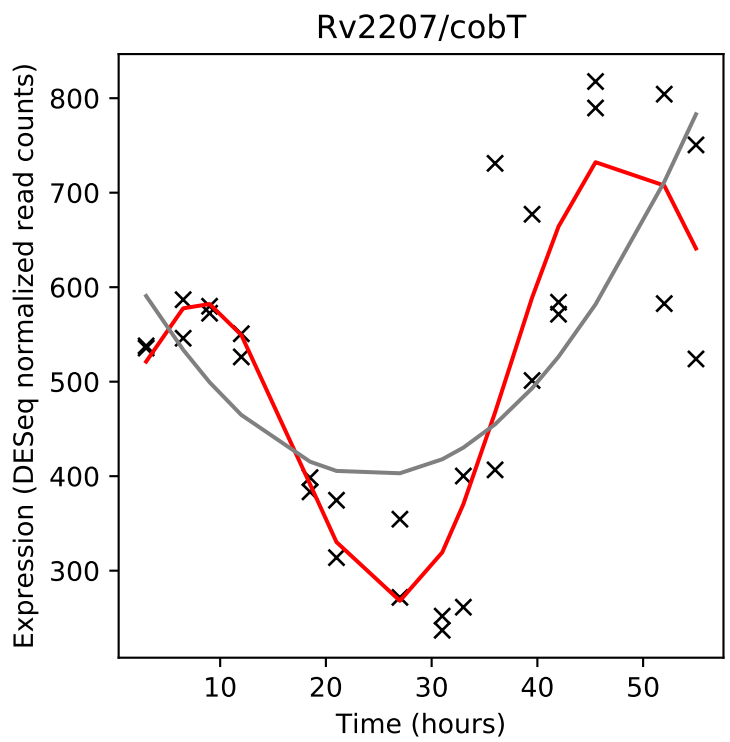

Rv2202c/adoK
Expression (DESeq normalized read counts)
Time (hours)

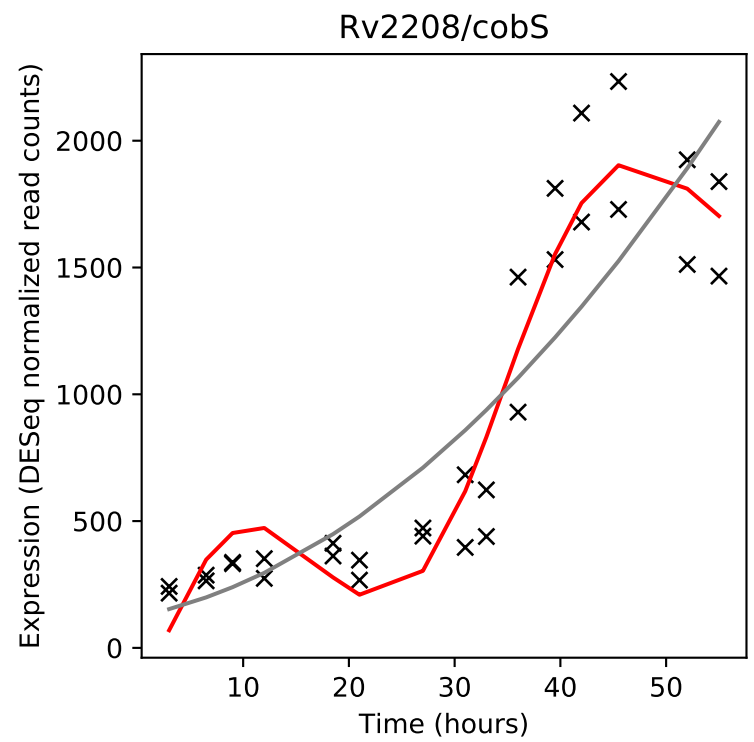

Rv2203/-
Expression (DESeq normalized read counts)
Time (hours)

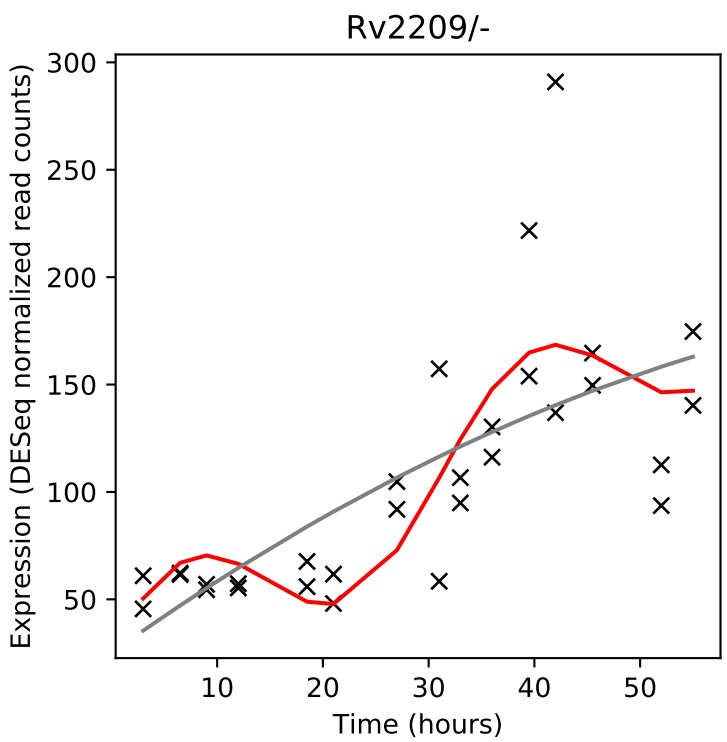

Rv2204c/-
Expression (DESeq normalized read counts)
Time (hours)

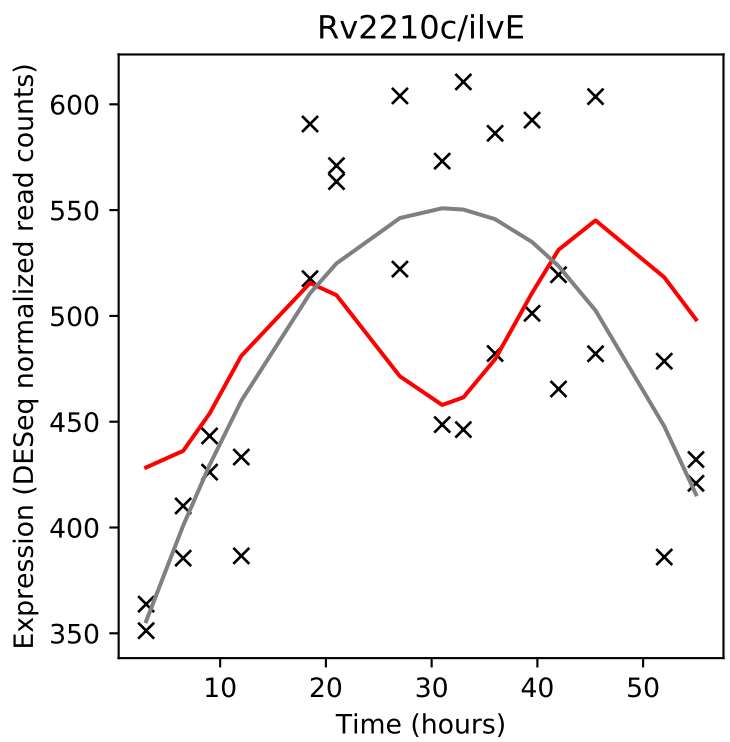

Rv2205c/-
Expression (DESeq normalized read counts)
Time (hours)

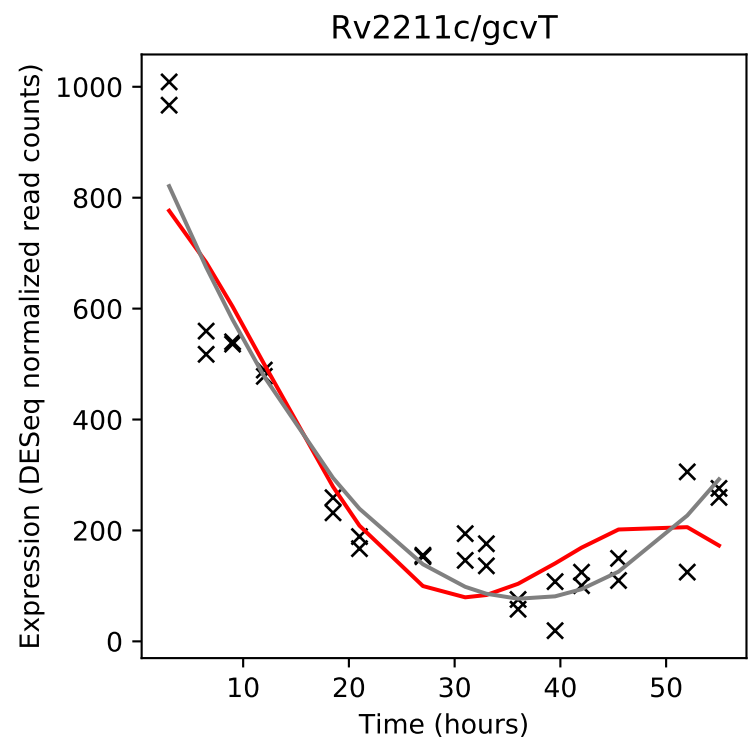

Rv2206/-
Expression (DESeq normalized read counts)
Time (hours)

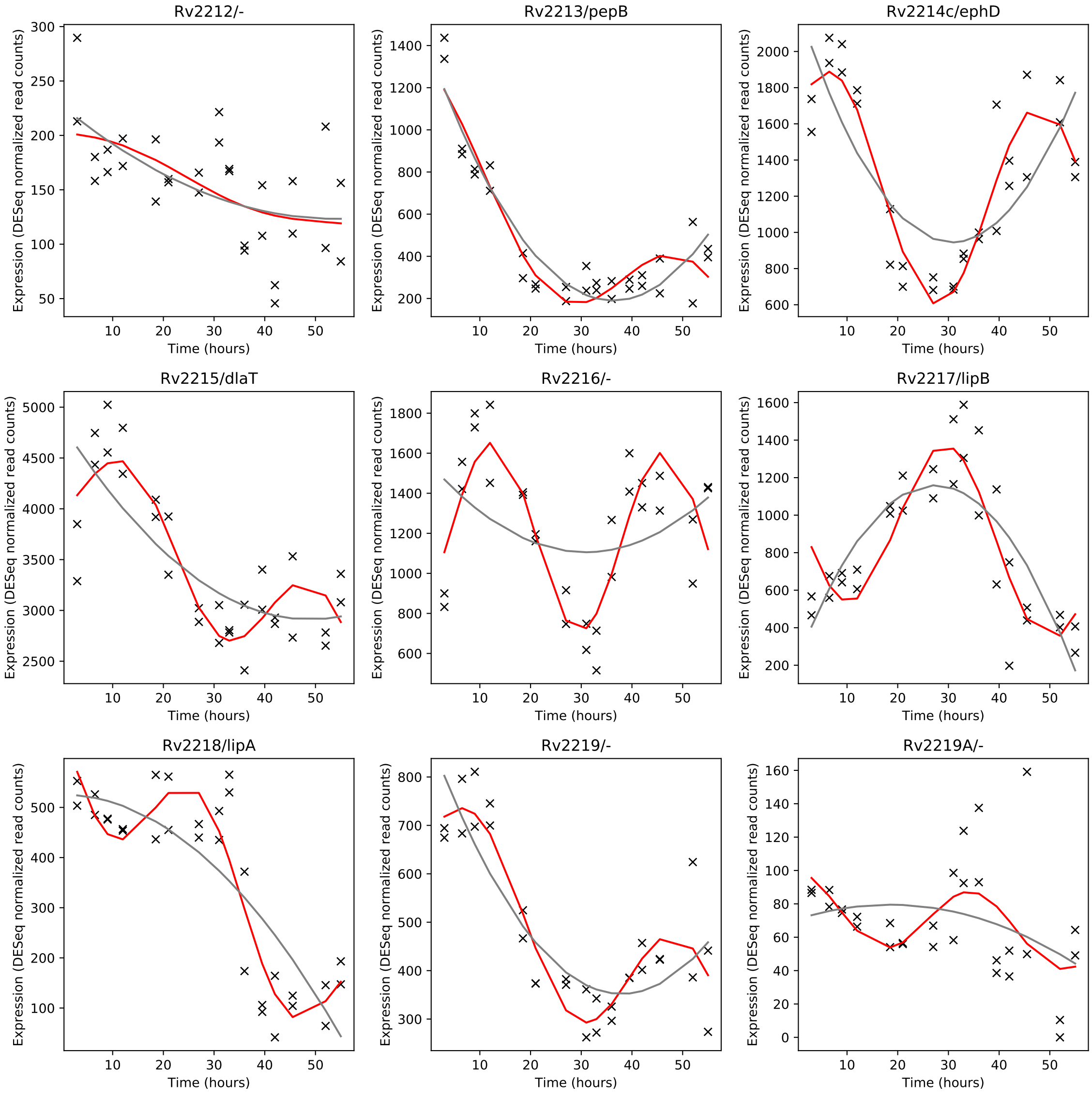

Rv2207/cobT
Expression (DESeq normalized read counts)
Time (hours)

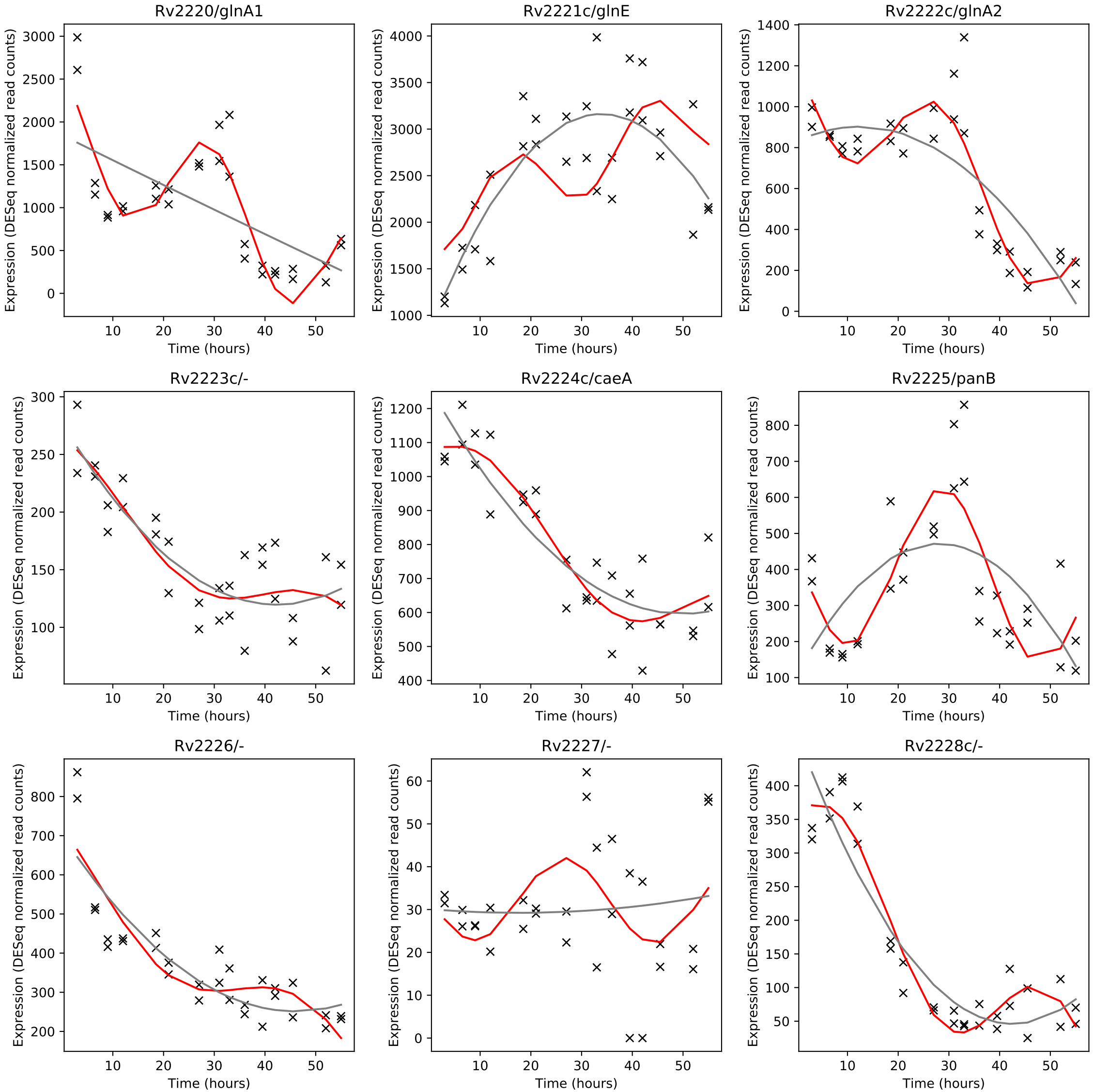

Rv2208/cobS
Expression (DESeq normalized read counts)
Time (hours)

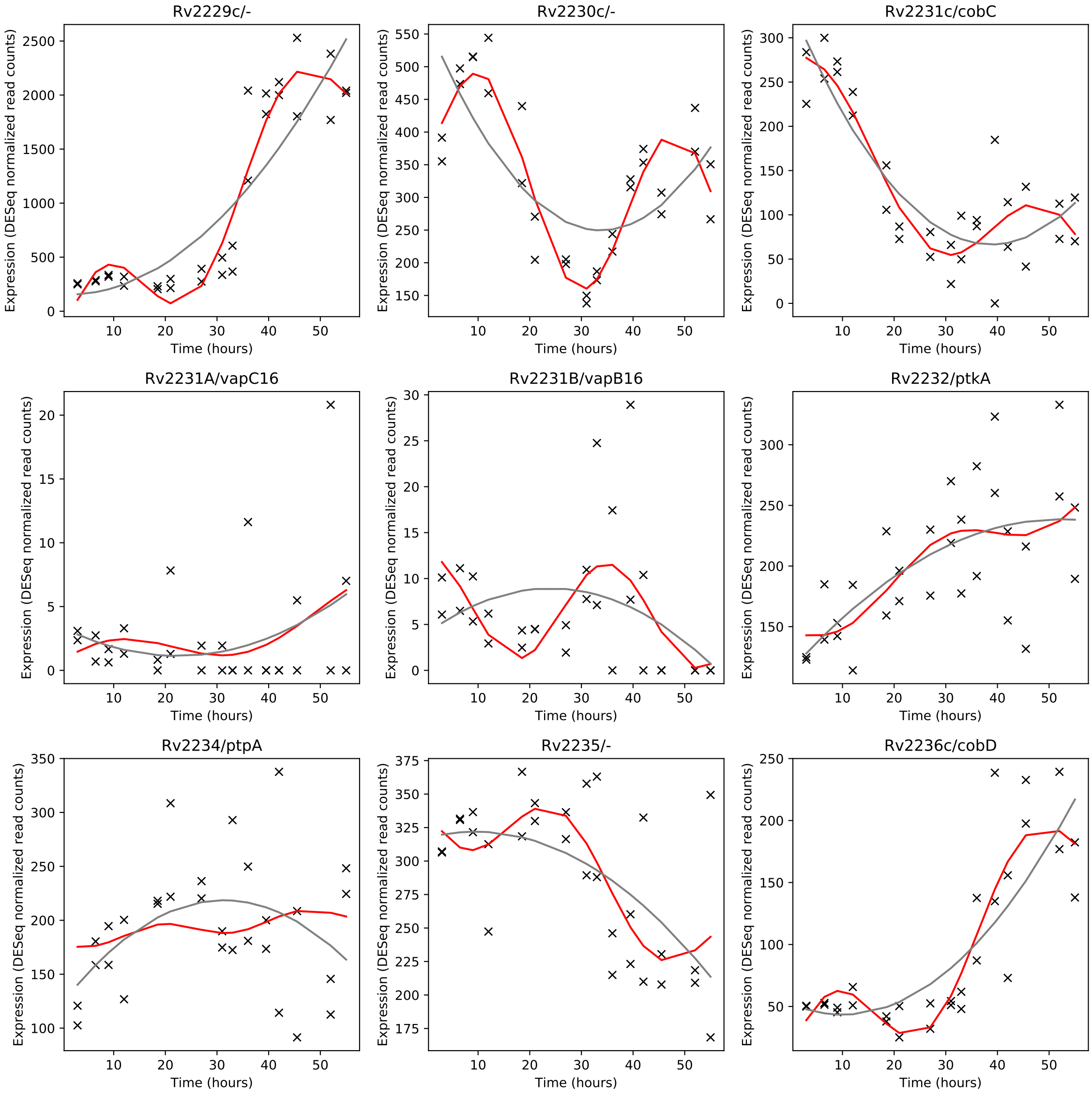

Rv2209/-
Expression (DESeq normalized read counts)
Time (hours)

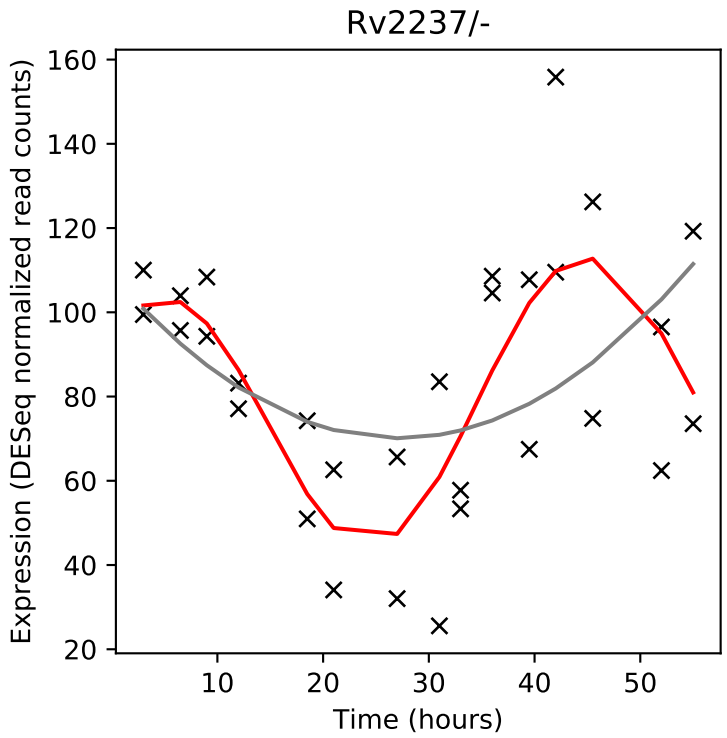

Rv2210c/ilvE
Expression (DESeq normalized read counts)
Time (hours)

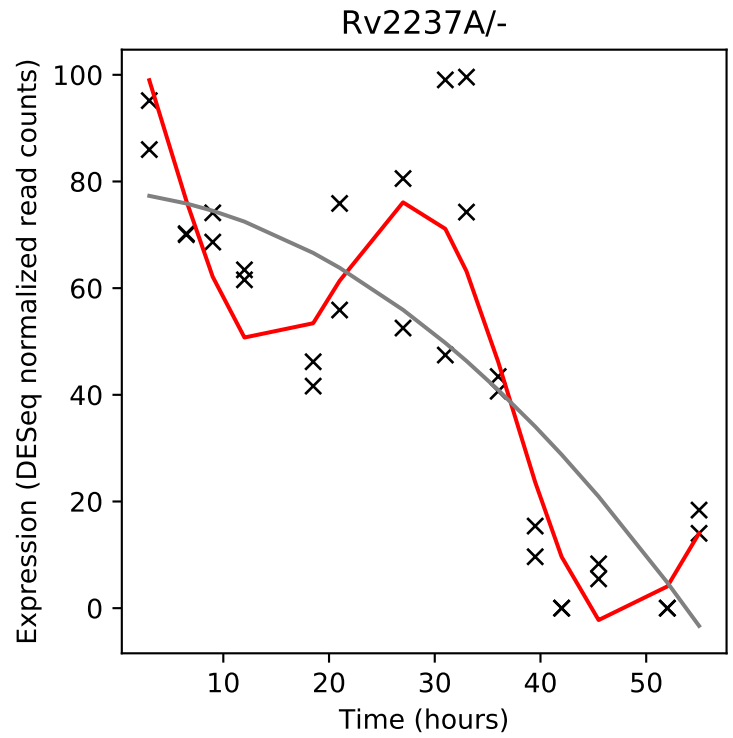

Rv2211c/gcvT
Expression (DESeq normalized read counts)
Time (hours)

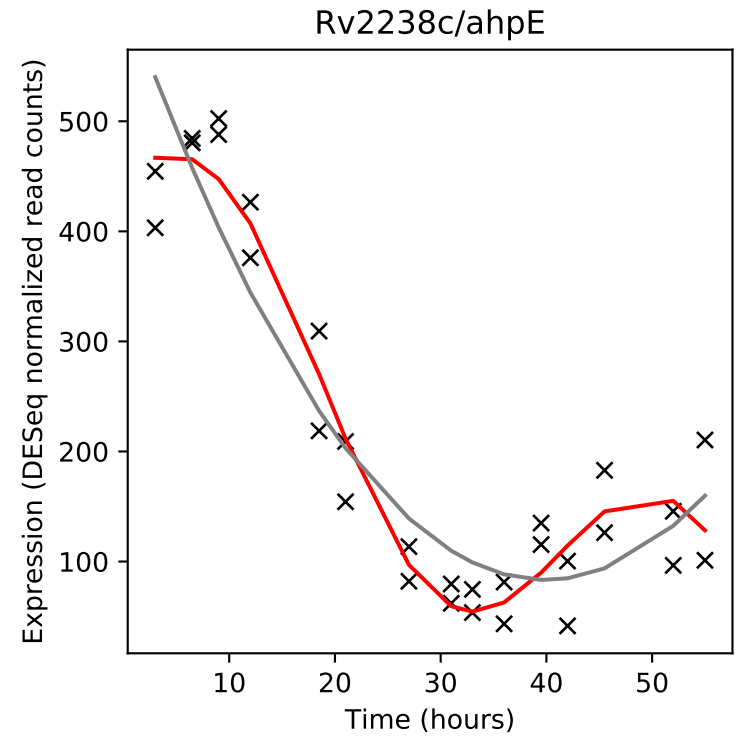

Rv2212/-
Rv2213/pepB
Rv2214c/ephD
Rv2215/dlaT
Rv2216/-
Rv2217/lipB
Rv2218/lipA
Rv2219/-
Rv2219A/-
Expression (DESeq normalized read counts)
Time (hours)

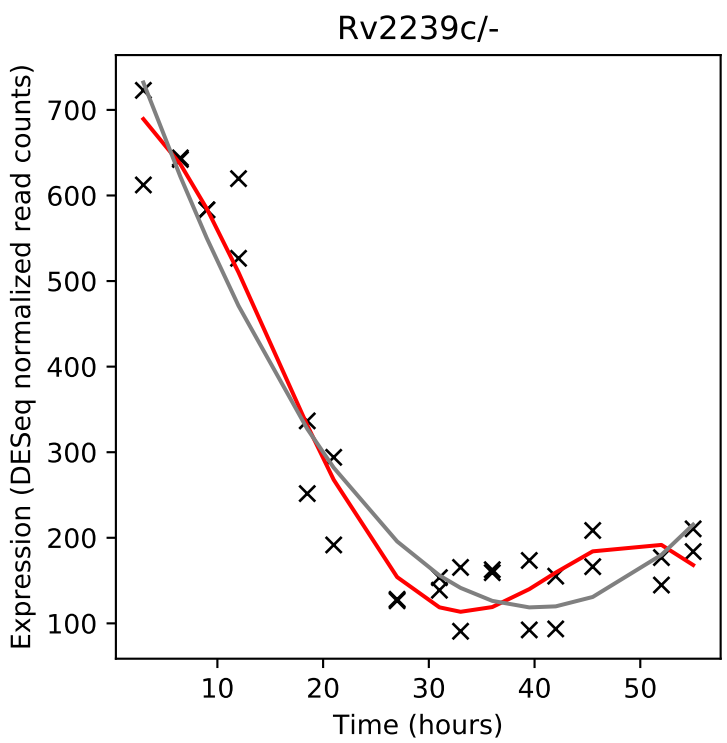

Rv2220/glnA1
Rv2221c/glnE
Rv2222c/glnA2
Rv2223c/-
Rv2224c/caeA
Rv2225/panB
Rv2226/-
Rv2227/-
Rv2228c/-
Expression (DESeq normalized read counts)
Time (hours)

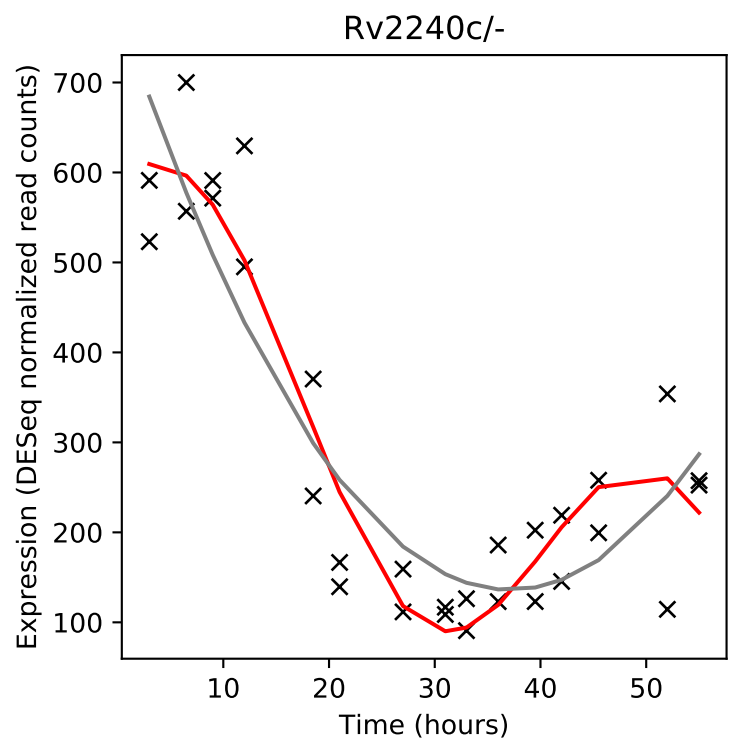

Rv2229c/-
Rv2230c/-
Rv2231c/cobC
Rv2231A/vapC16
Rv2231B/vapB16
Rv2232/ptkA
Rv2234/ptpA
Rv2235/-
Rv2236c/cobD
Expression (DESeq normalized read counts)
Time (hours)

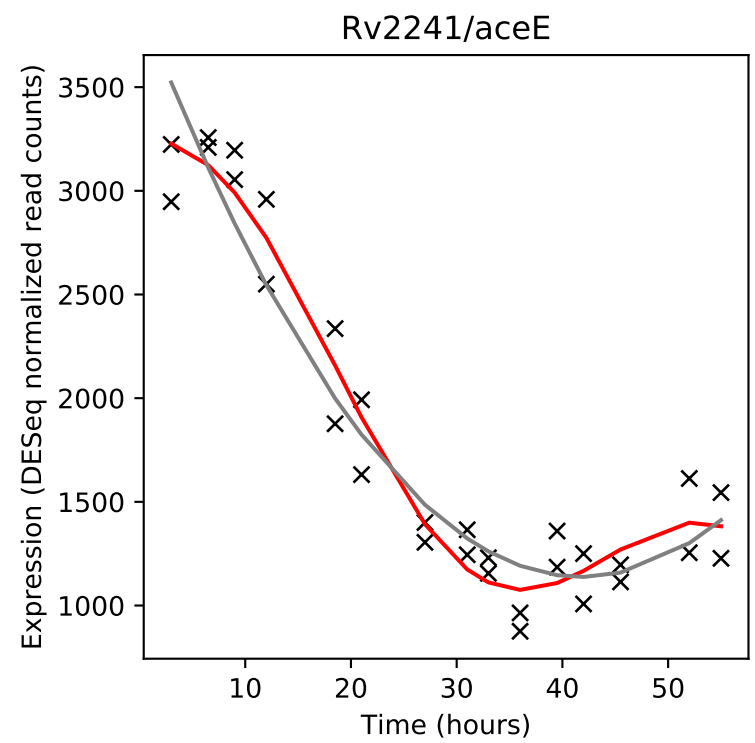

Rv2237/-
Expression (DESeq normalized read counts)
Time (hours)

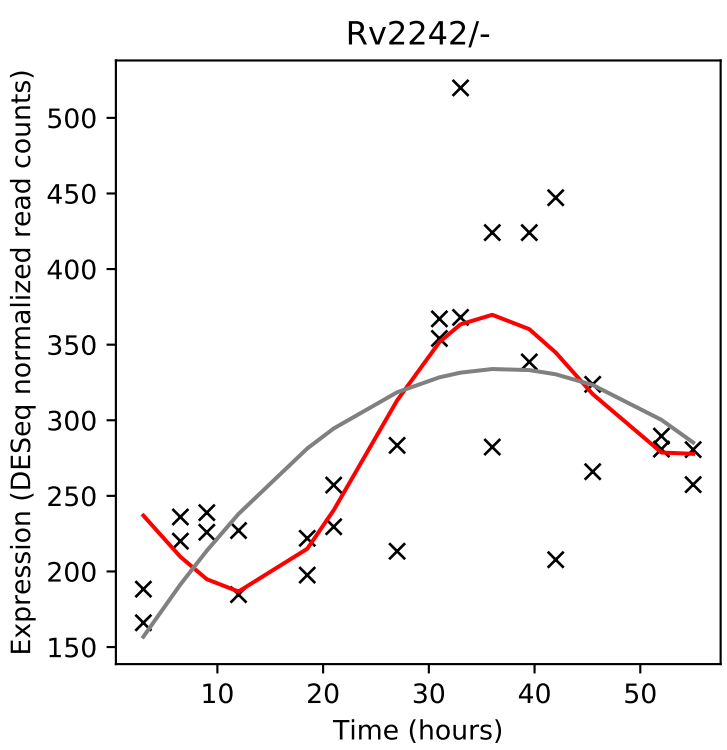

Rv2237A/-
Expression (DESeq normalized read counts)
Time (hours)

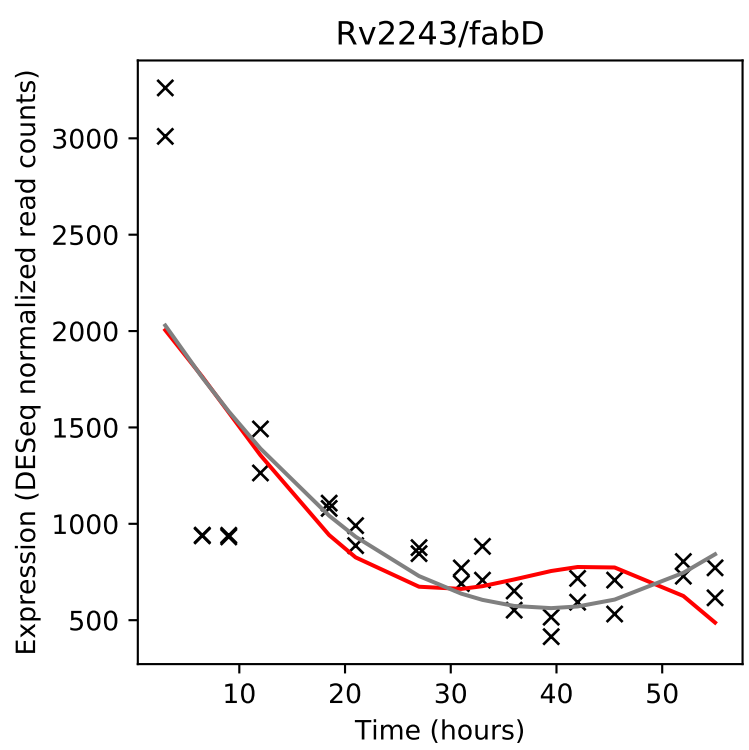

Rv2238c/ahpE
Expression (DESeq normalized read counts)
Time (hours)

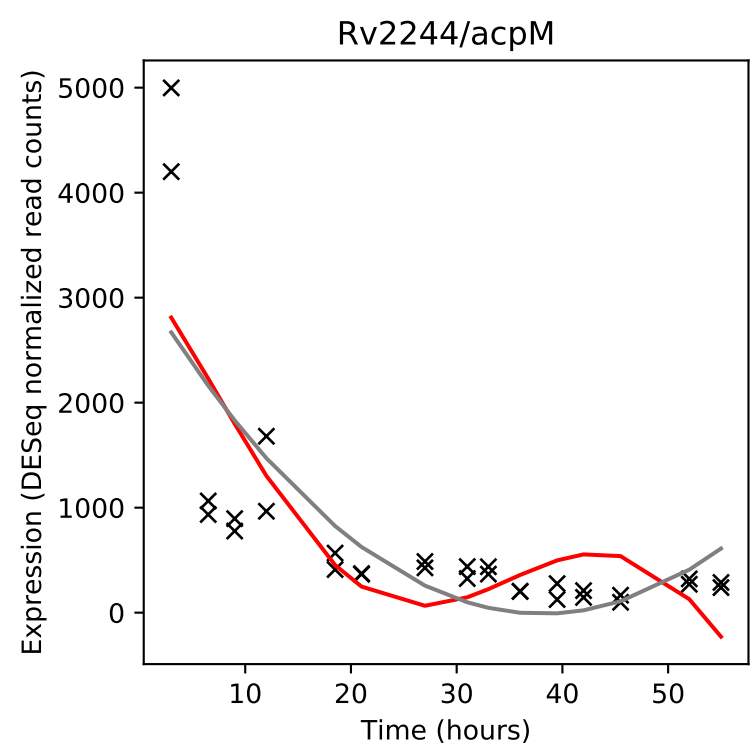

Rv2239c/-
Expression (DESeq normalized read counts)
Time (hours)

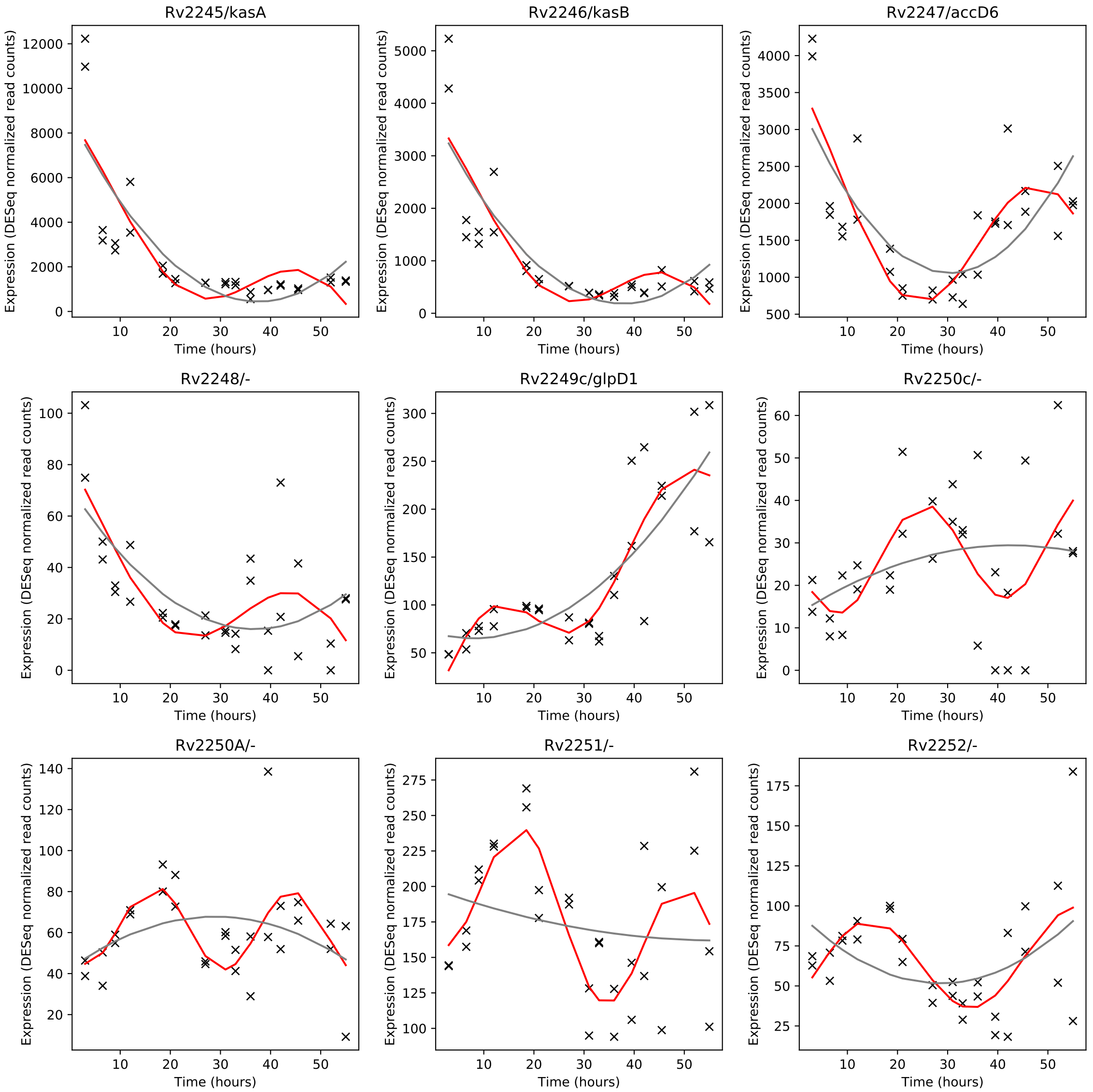

Rv2240c/-
Expression (DESeq normalized read counts)
Time (hours)

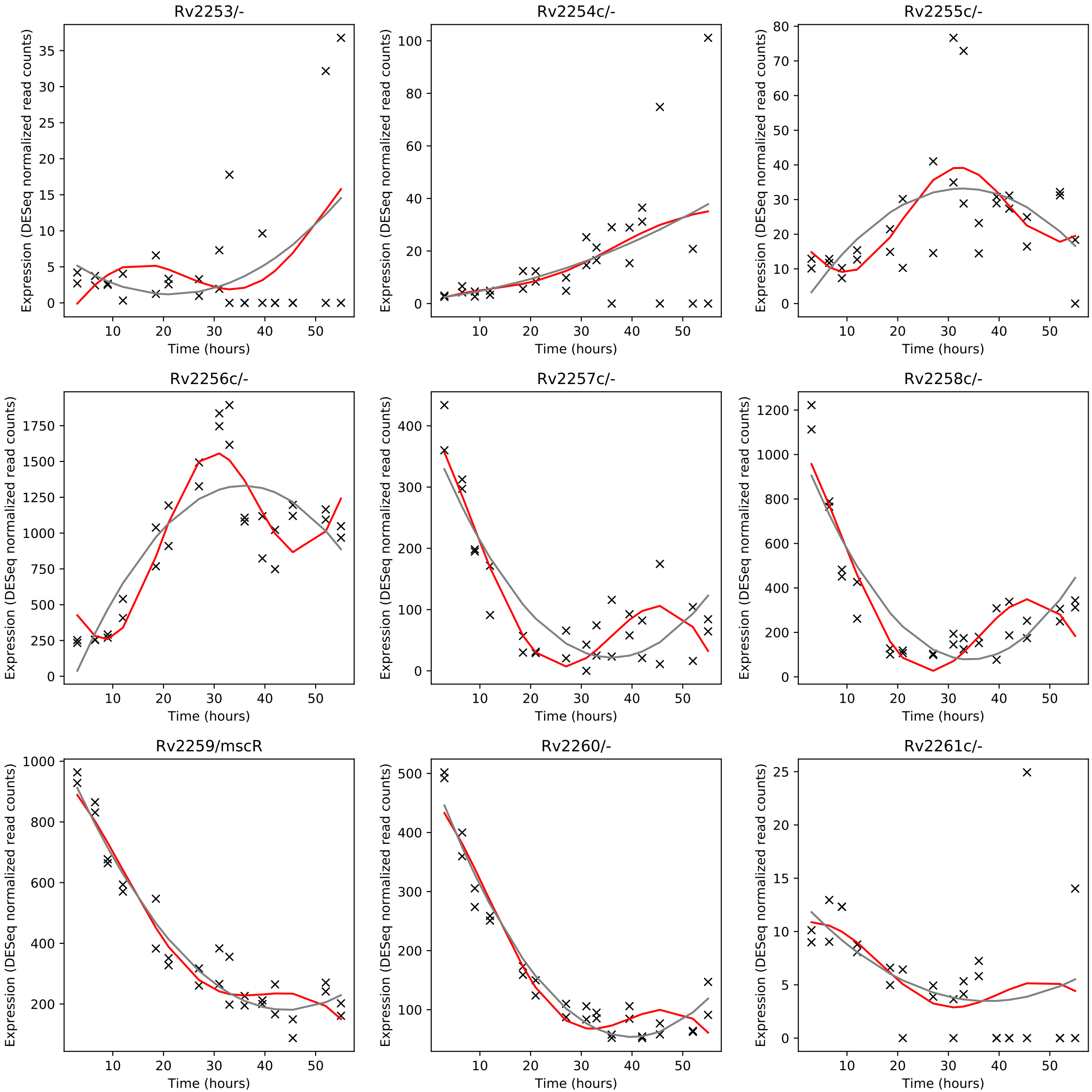

Rv2241/aceE
Expression (DESeq normalized read counts)
Time (hours)

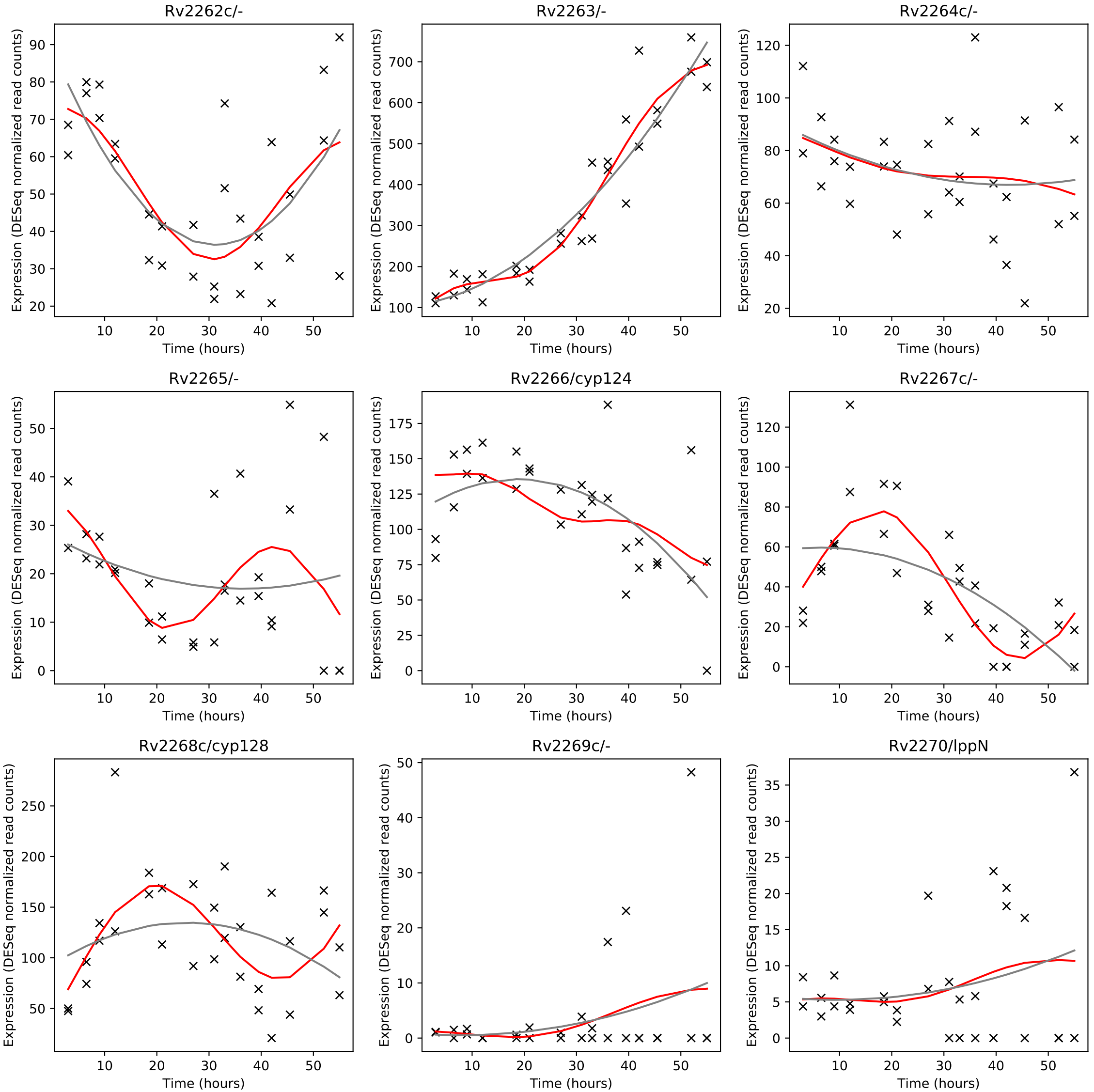

Rv2242/-
Expression (DESeq normalized read counts)
Time (hours)

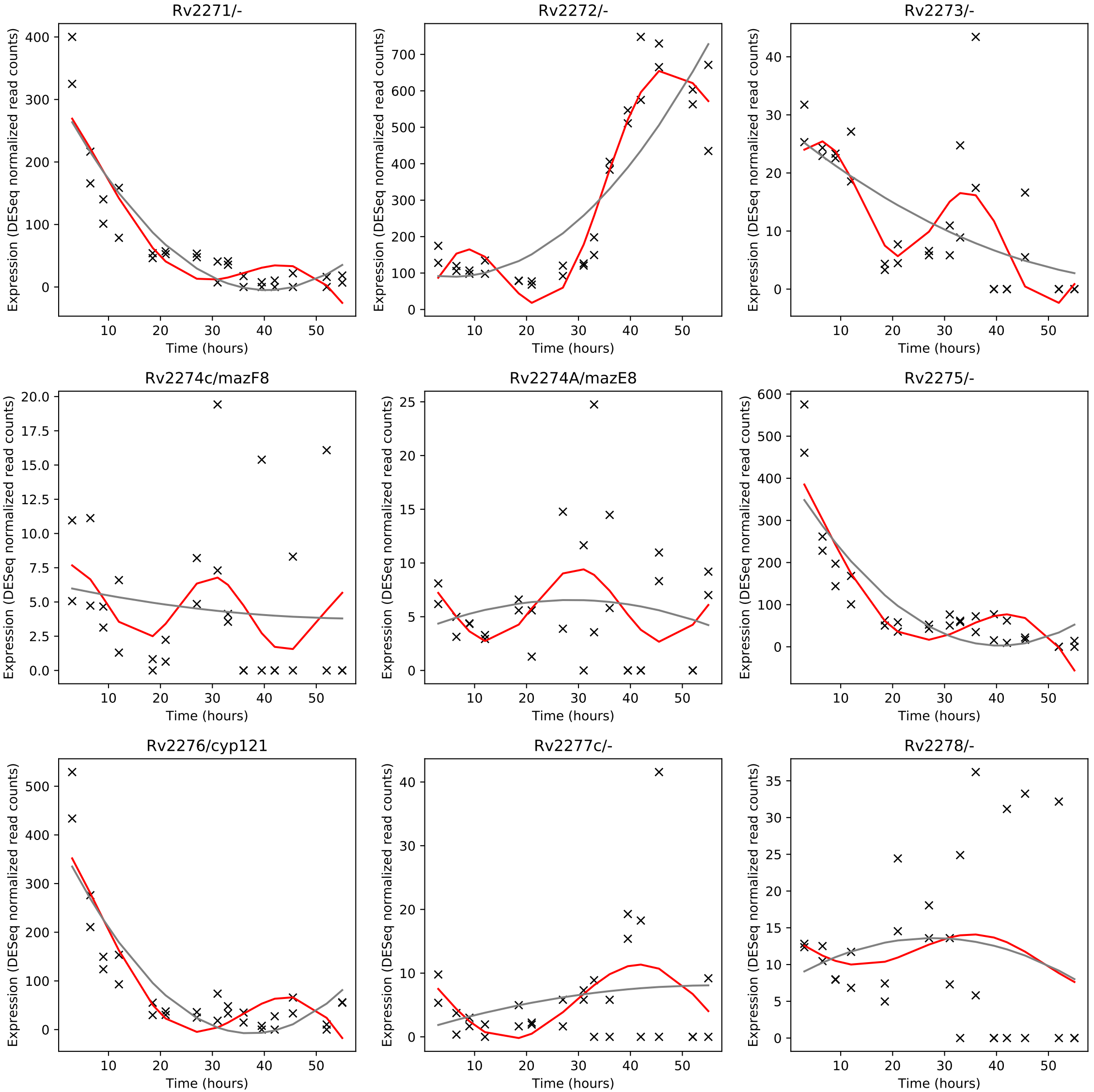

Rv2243/fabD
Expression (DESeq normalized read counts)
Time (hours)

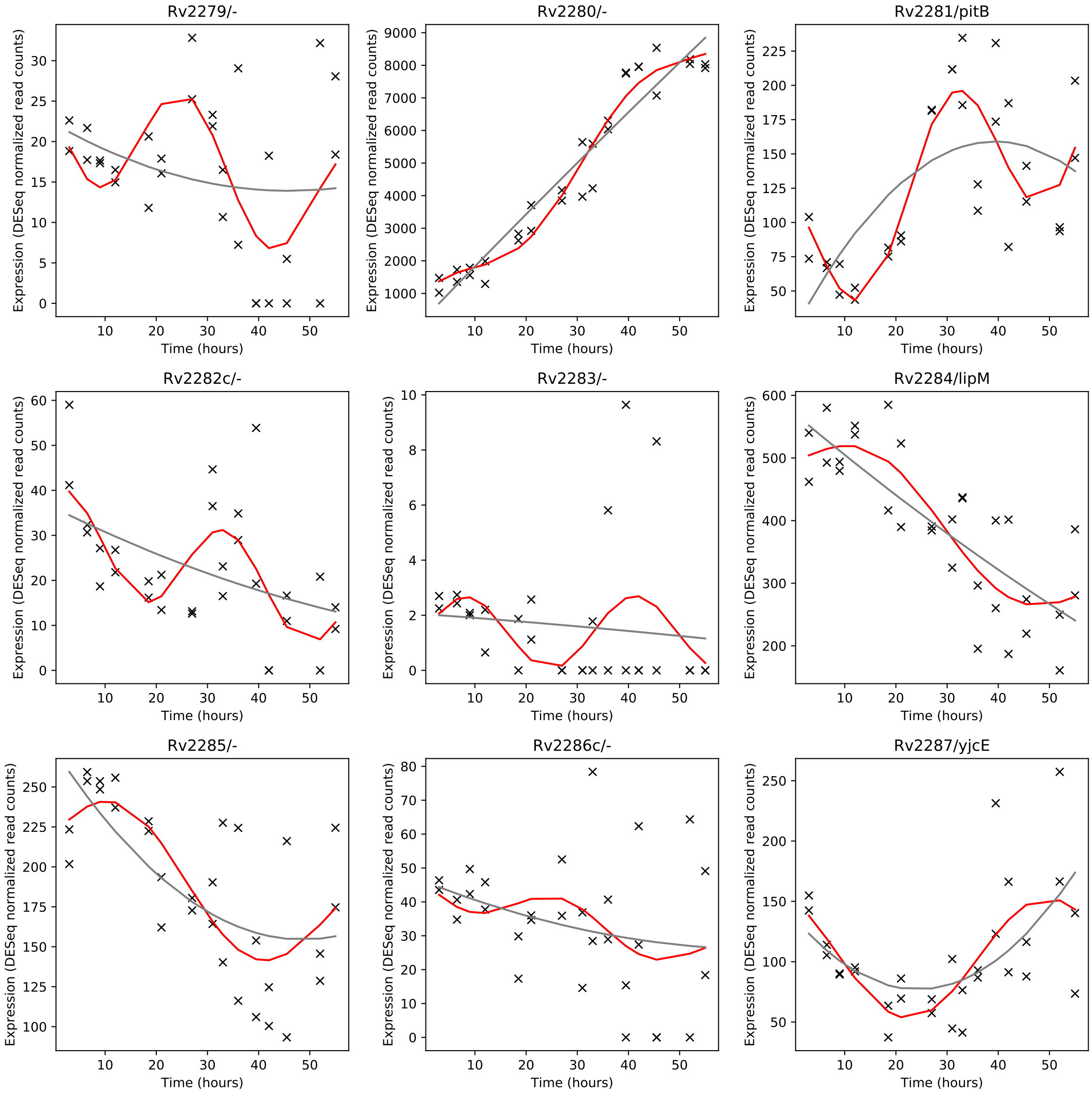

Rv2244/acpM
Expression (DESeq normalized read counts)
Time (hours)

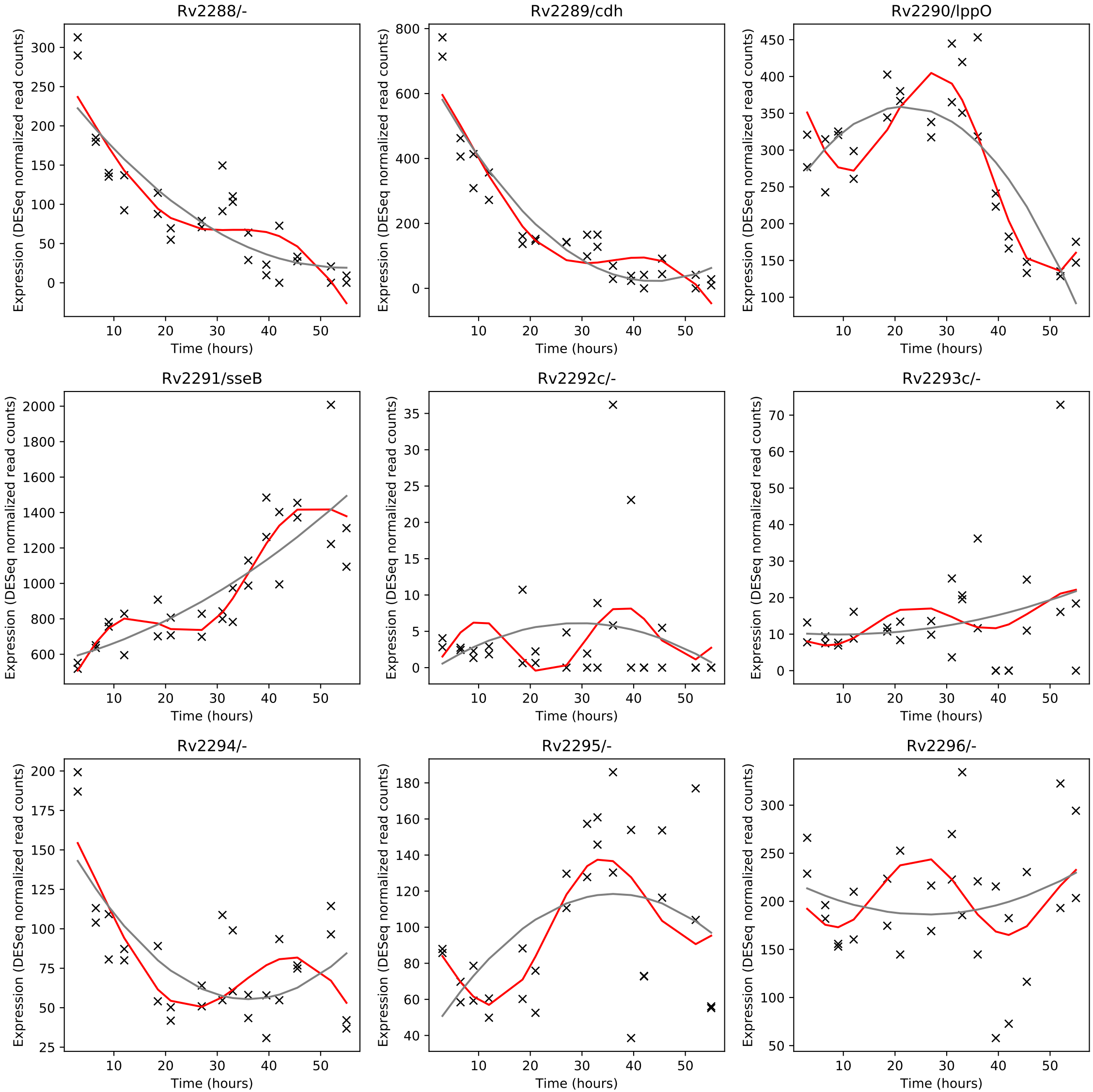

Rv2245/kasA
Rv2246/kasB
Rv2247/accD6
Rv2248/-
Rv2249c/glpD1
Rv2250c/-
Rv2250A/-
Rv2251/-
Rv2252/-
Expression (DESeq normalized read counts)
Time (hours)

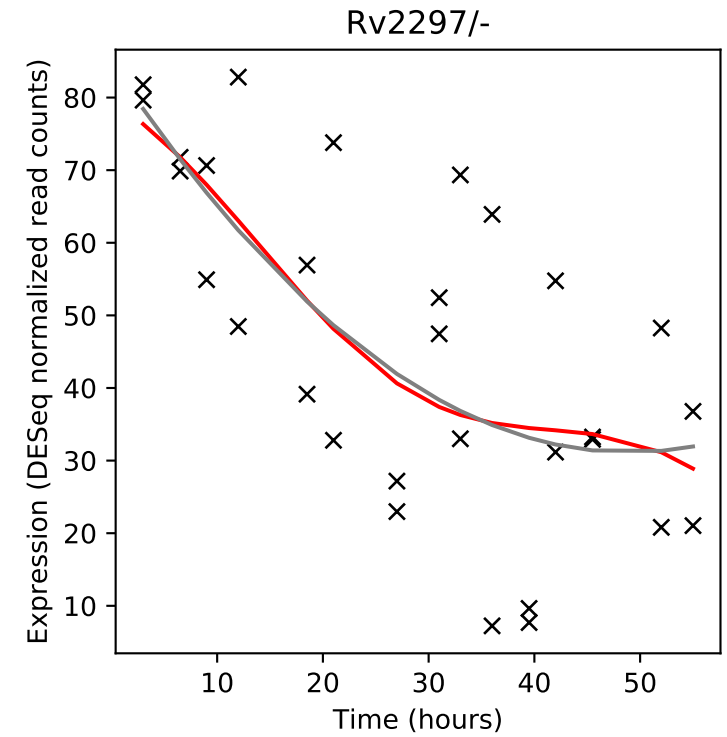

Rv2253/-
Rv2254c/-
Rv2255c/-
Rv2256c/-
Rv2257c/-
Rv2258c/-
Rv2259/mscR
Rv2260/-
Rv2261c/-
Expression (DESeq normalized read counts)
Time (hours)

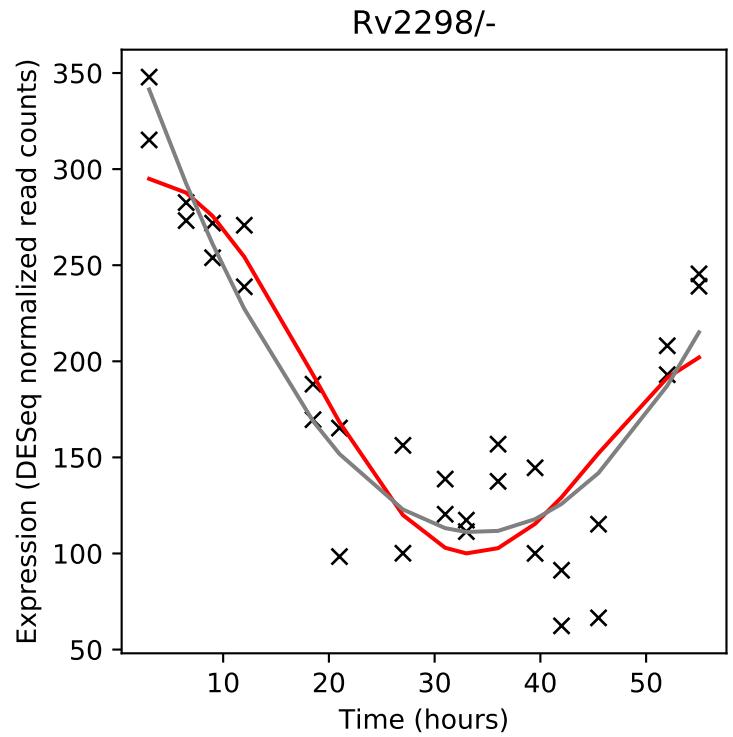

Rv2262c/-
Rv2263/-
Rv2264c/-
Rv2265/-
Rv2266/cyp124
Rv2267c/-
Rv2268c/cyp128
Rv2269c/-
Rv2270/lppN
Expression (DESeq normalized read counts)
Time (hours)

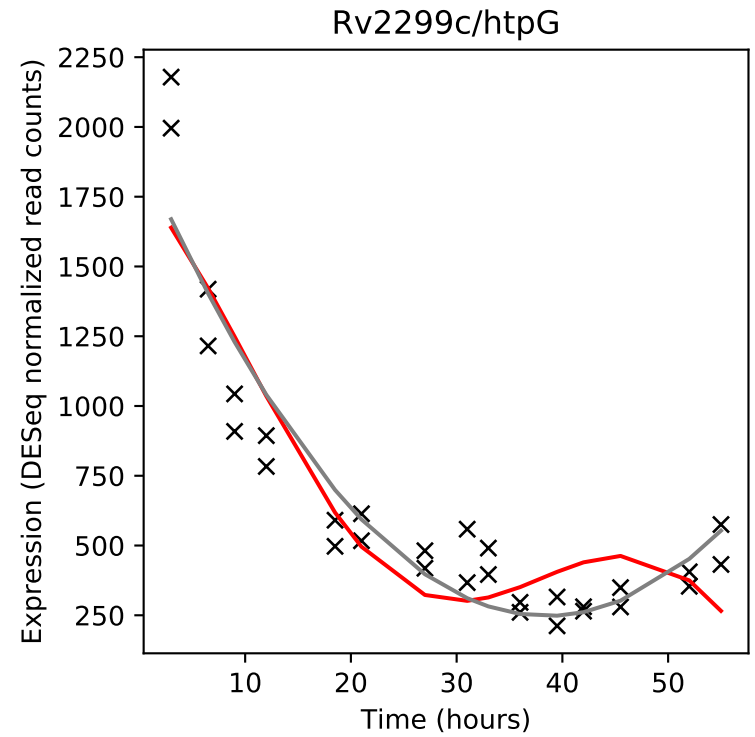

Rv2271/-
Rv2272/-
Rv2273/-
Rv2274c/mazF8
Rv2274A/mazE8
Rv2275/-
Rv2276/cyp121
Rv2277c/-
Rv2278/-
Expression (DESeq normalized read counts)
Time (hours)

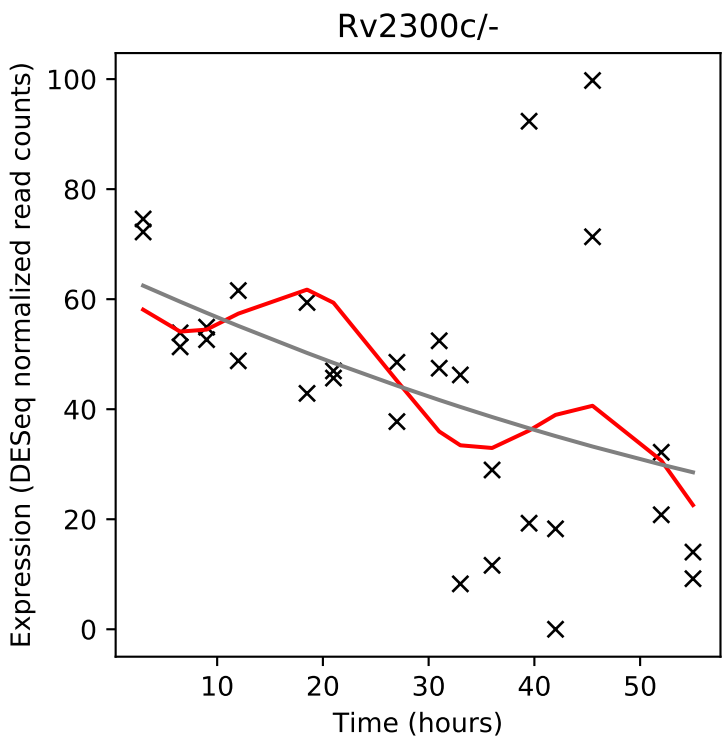

Rv2279/-
Rv2280/-
Rv2281/pitB
Rv2282c/-
Rv2283/-
Rv2284/lipM
Rv2285/-
Rv2286c/-
Rv2287/yjcE
Expression (DESeq normalized read counts)
Time (hours)

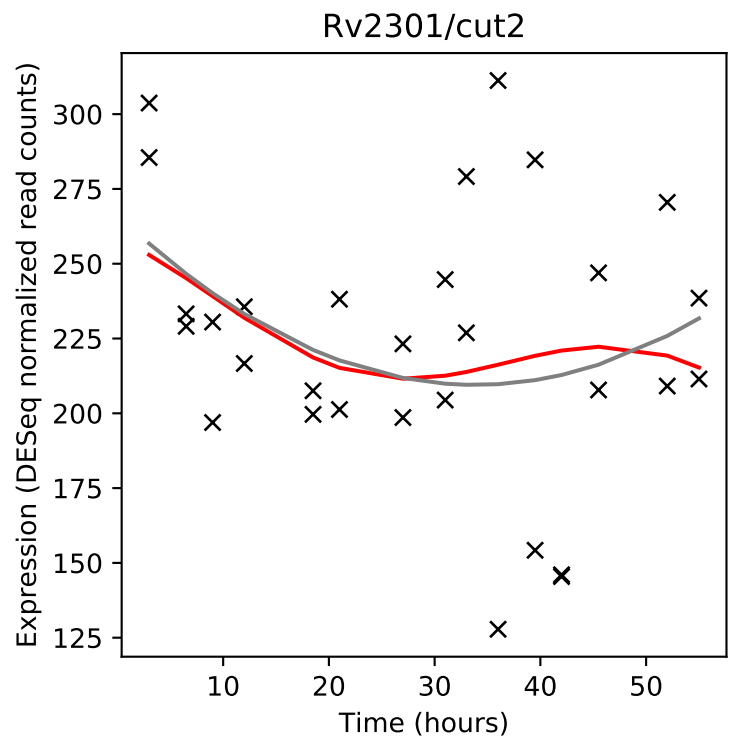

Rv2288/-
Rv2289/cdh
Rv2290/lppO
Rv2291/sseB
Rv2292c/-
Rv2293c/-
Rv2294/-
Rv2295/-
Rv2296/-
Expression (DESeq normalized read counts)
Time (hours)

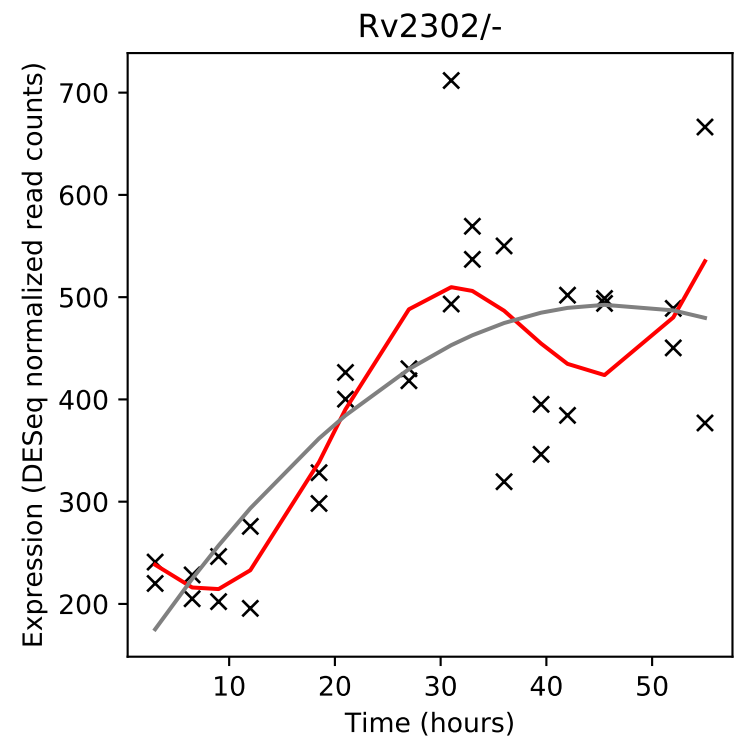

Rv2297/-
Expression (DESeq normalized read counts)
Time (hours)

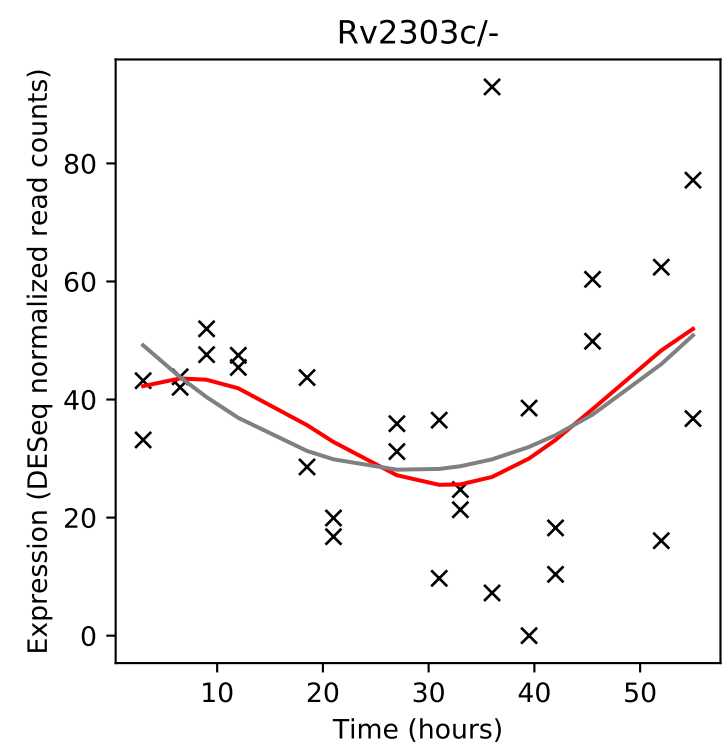

Rv2298/-
Expression (DESeq normalized read counts)
Time (hours)

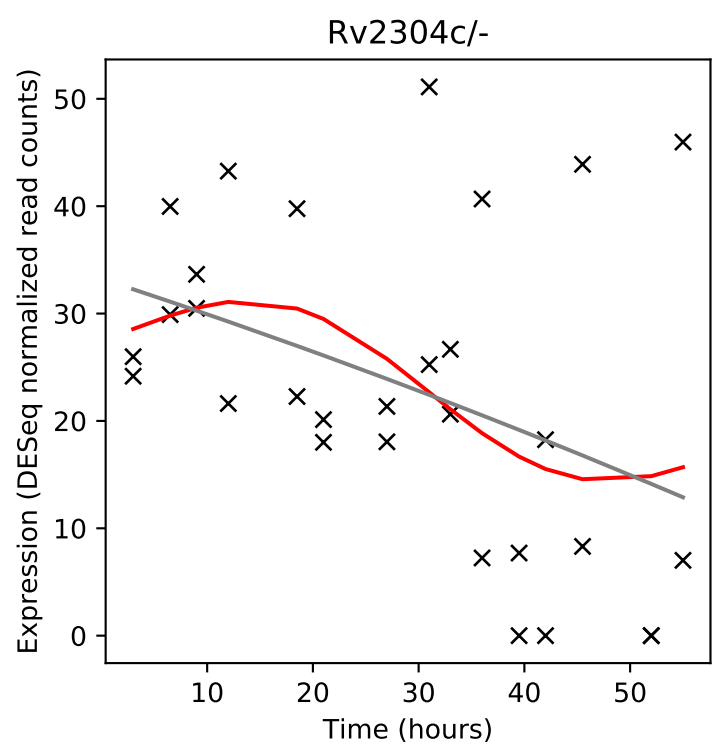

Rv2299c/htpG
Expression (DESeq normalized read counts)
Time (hours)

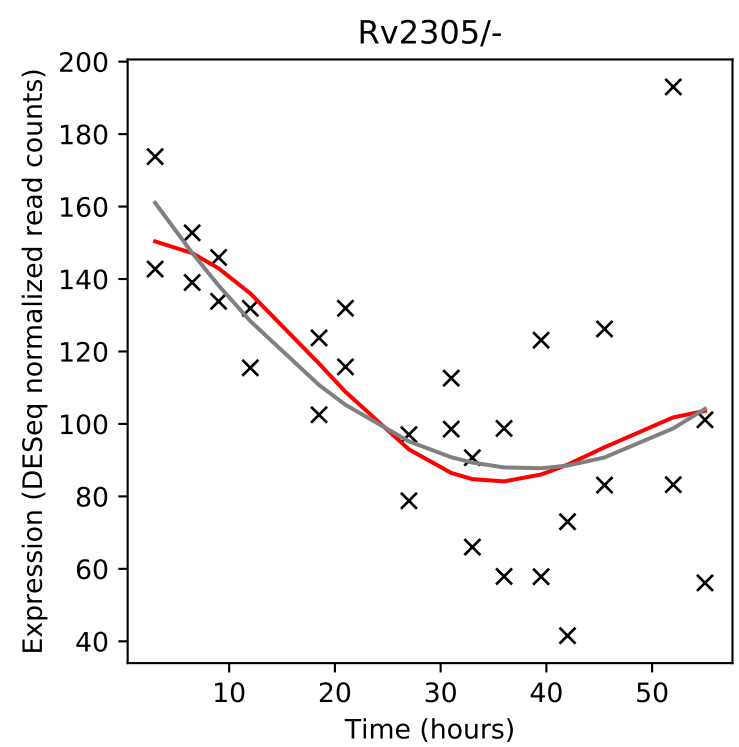

Rv2300c/-
Expression (DESeq normalized read counts)
Time (hours)

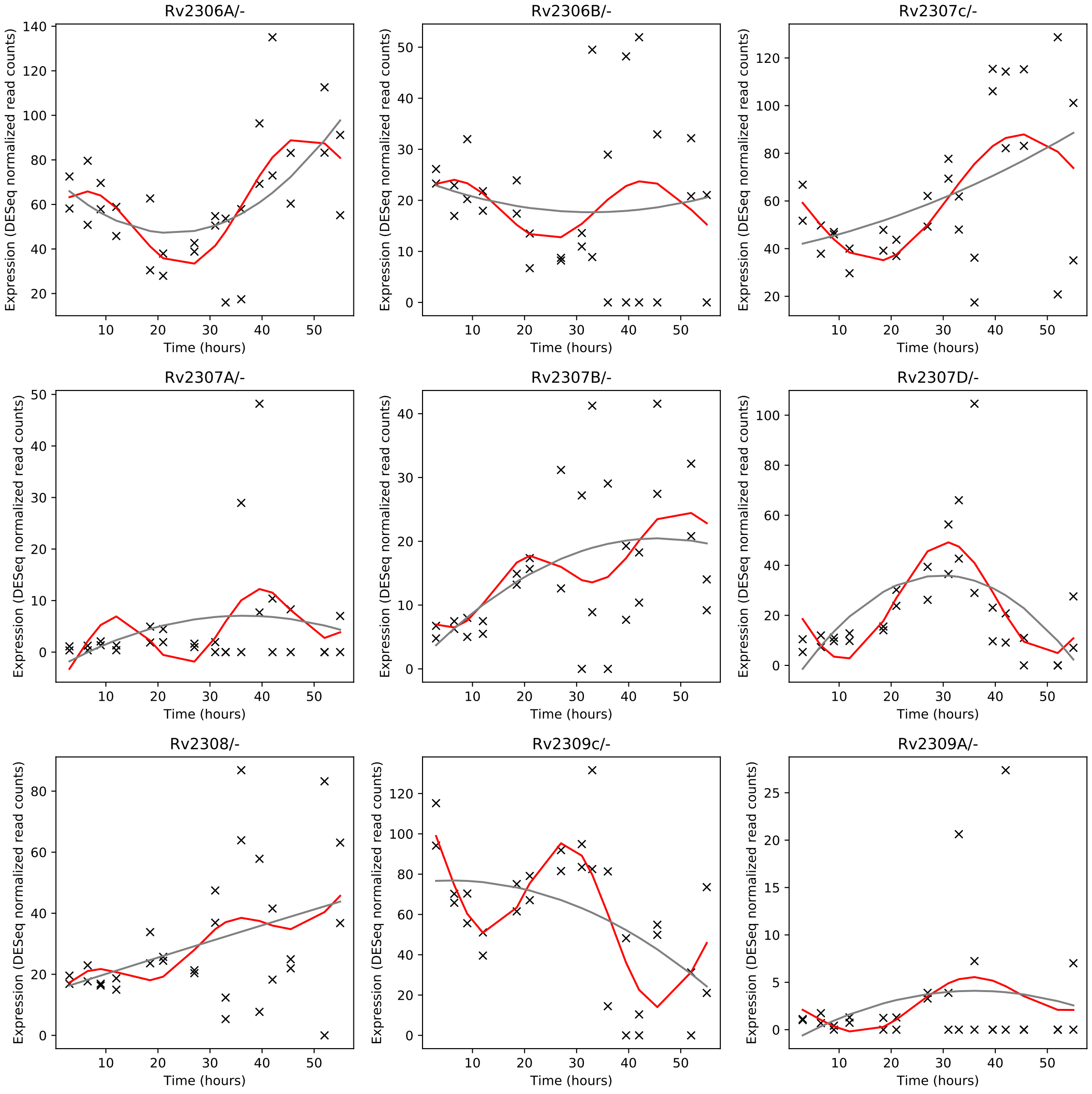

Rv2301/cut2
Expression (DESeq normalized read counts)
Time (hours)

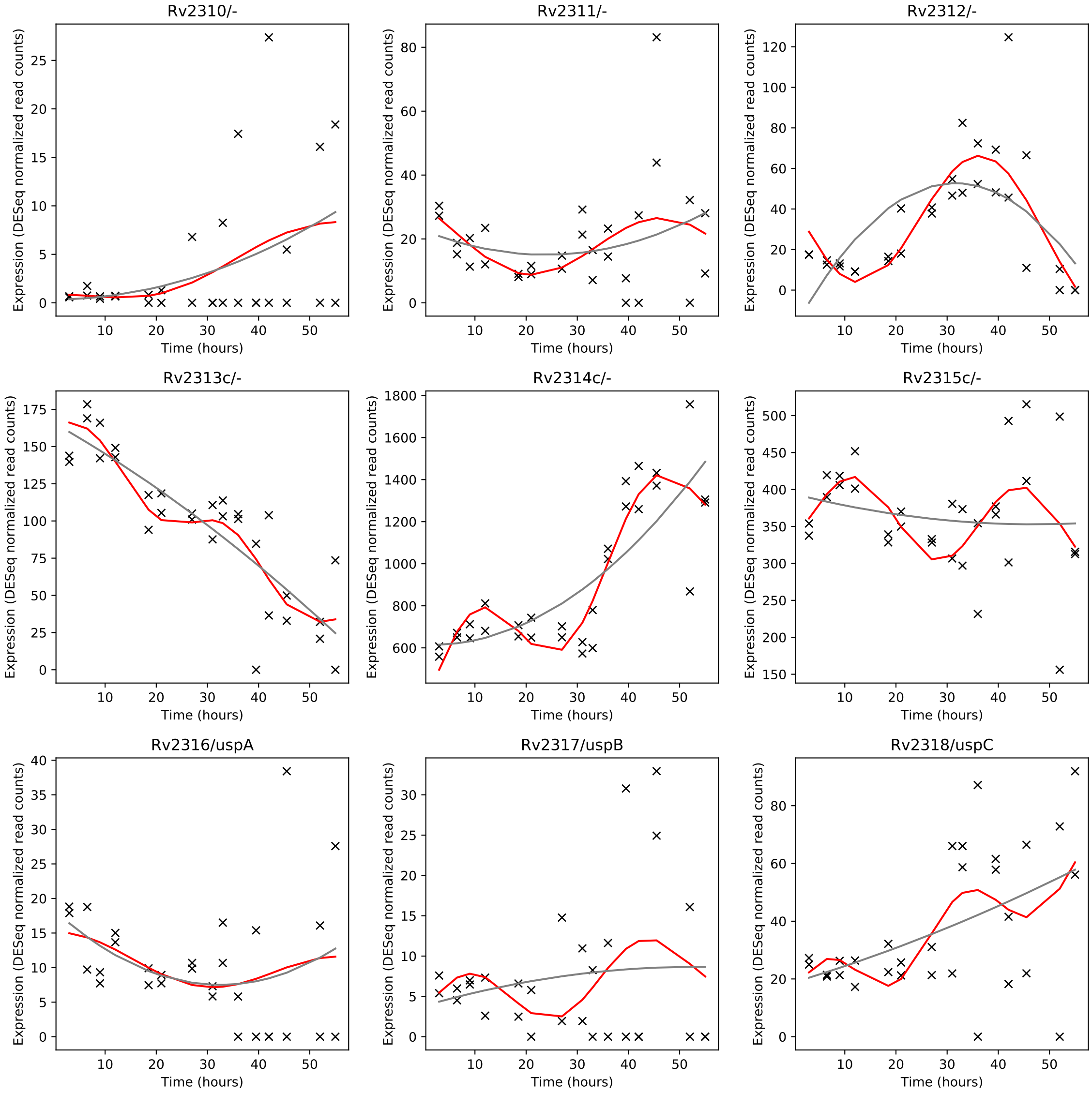

Rv2302/-
Expression (DESeq normalized read counts)
Time (hours)

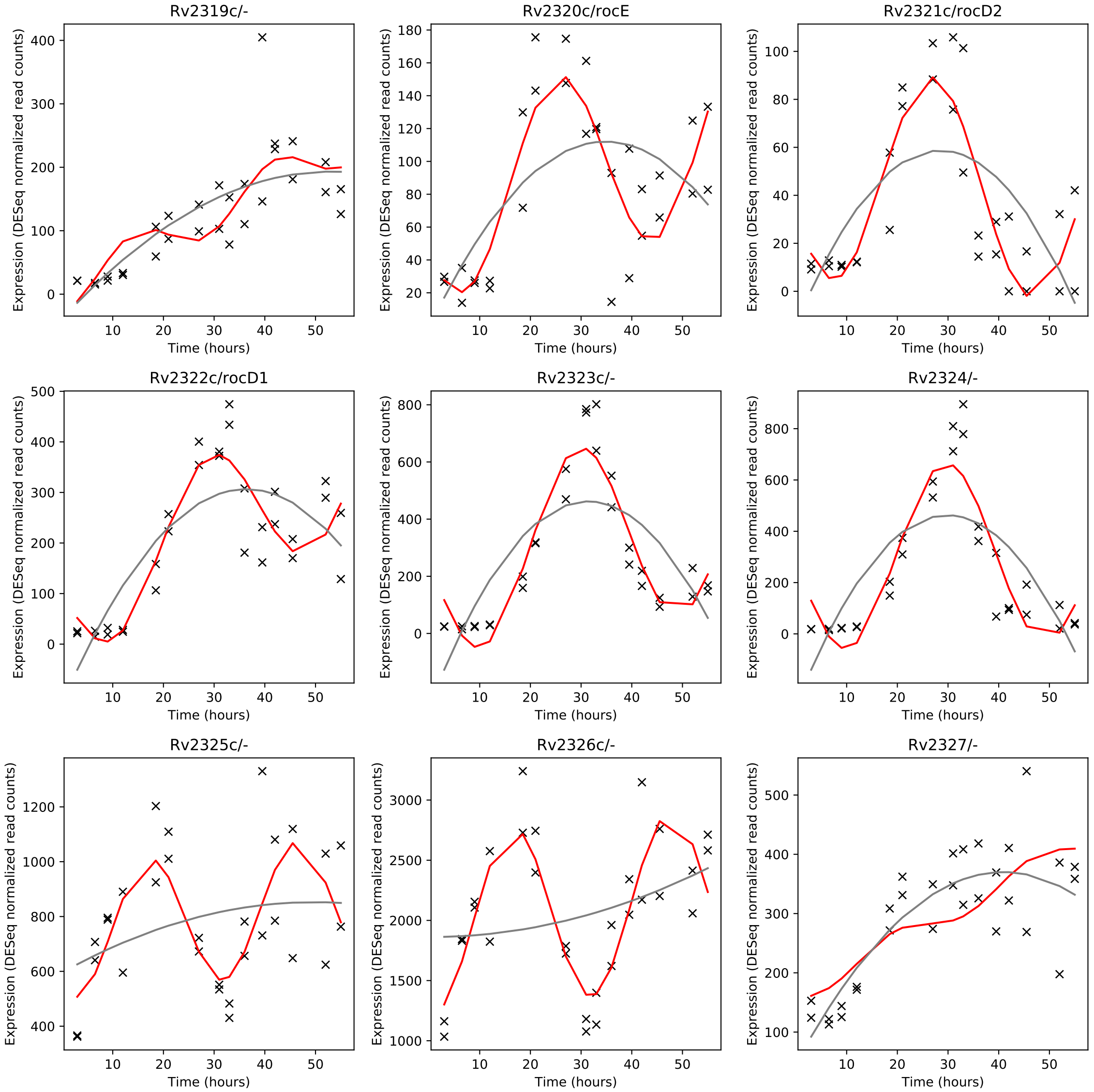

Rv2303c/-
Expression (DESeq normalized read counts)
Time (hours)

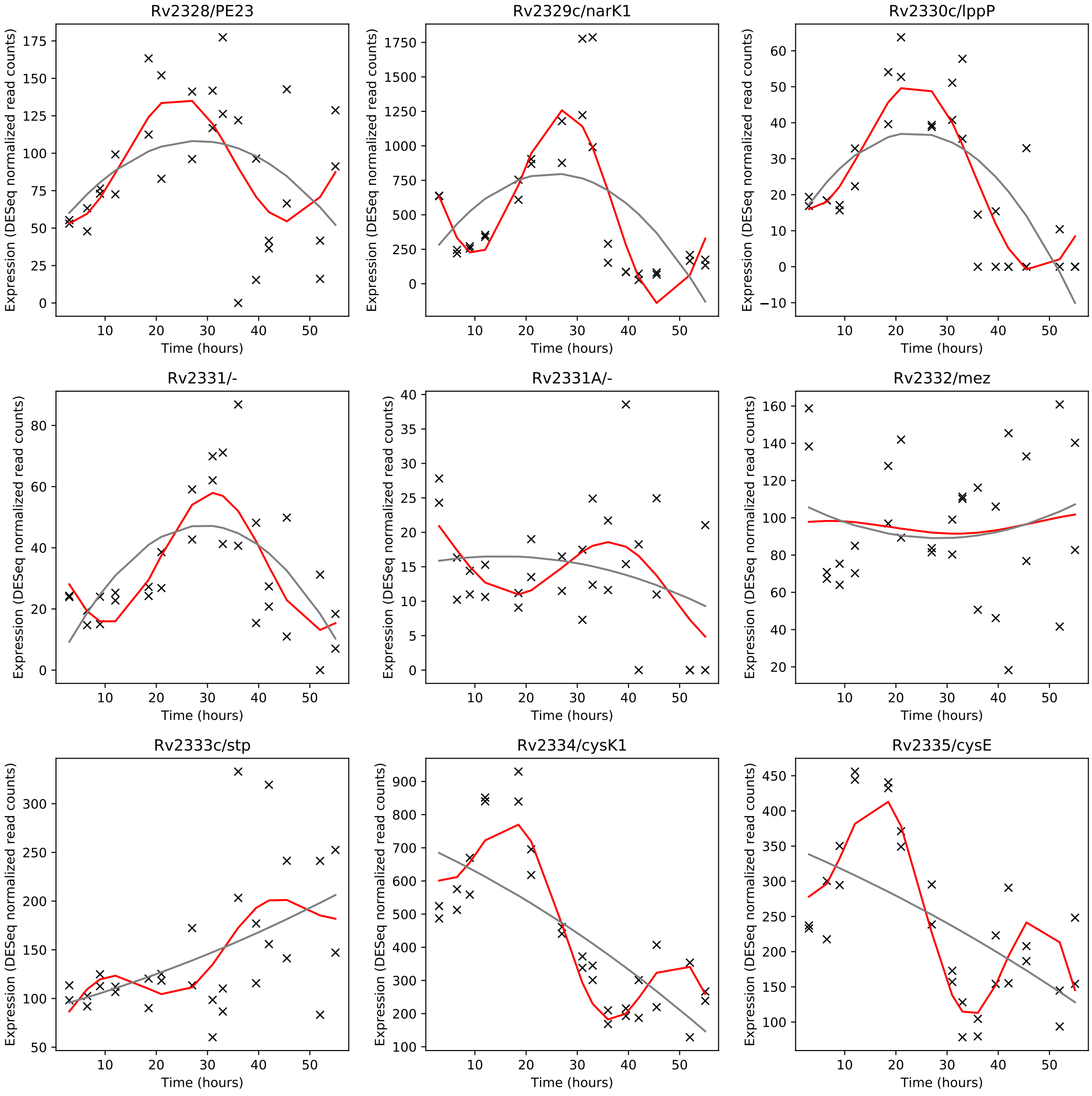

Rv2304c/-
Expression (DESeq normalized read counts)
Time (hours)

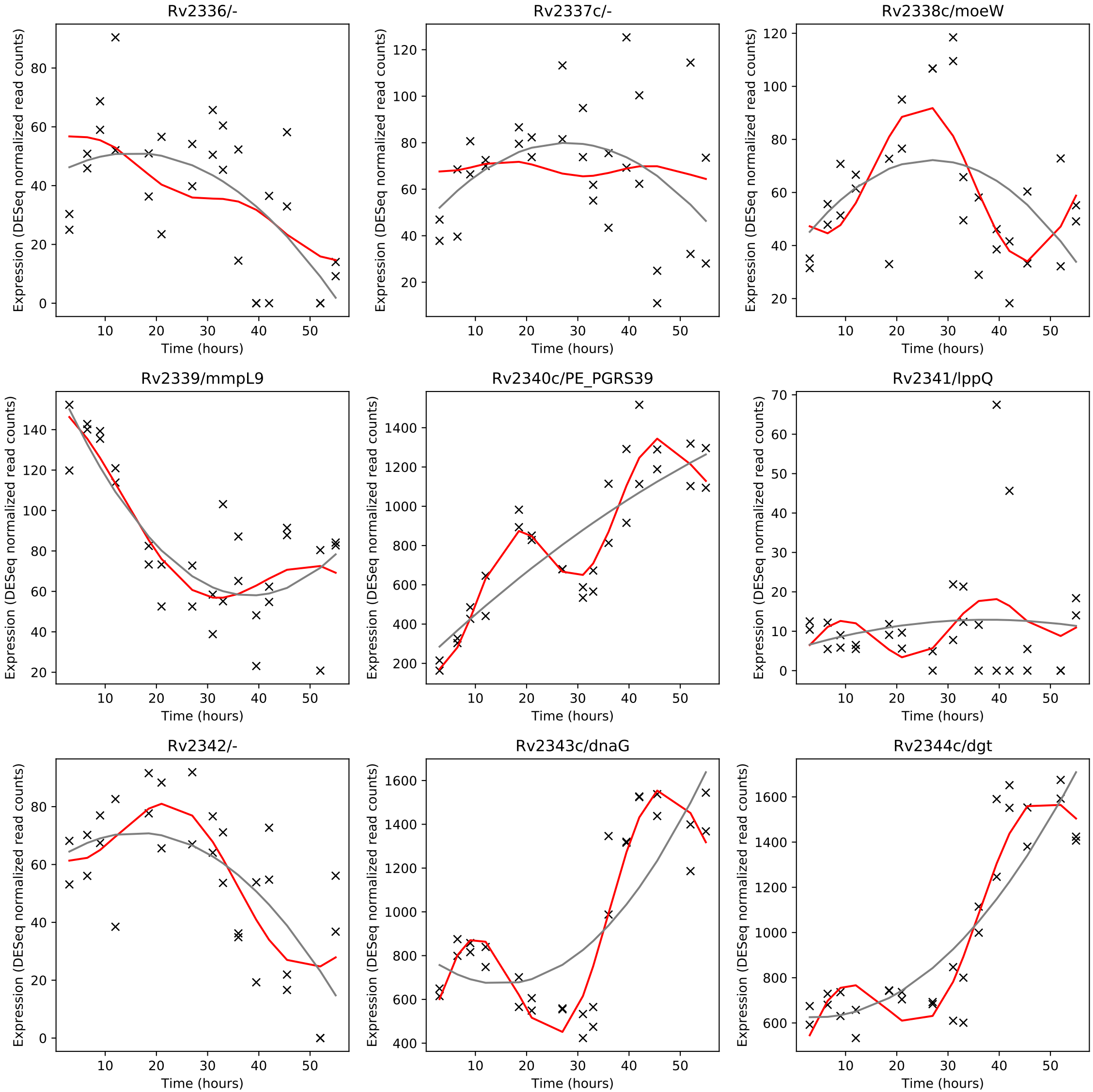

Rv2305/-
Expression (DESeq normalized read counts)
Time (hours)

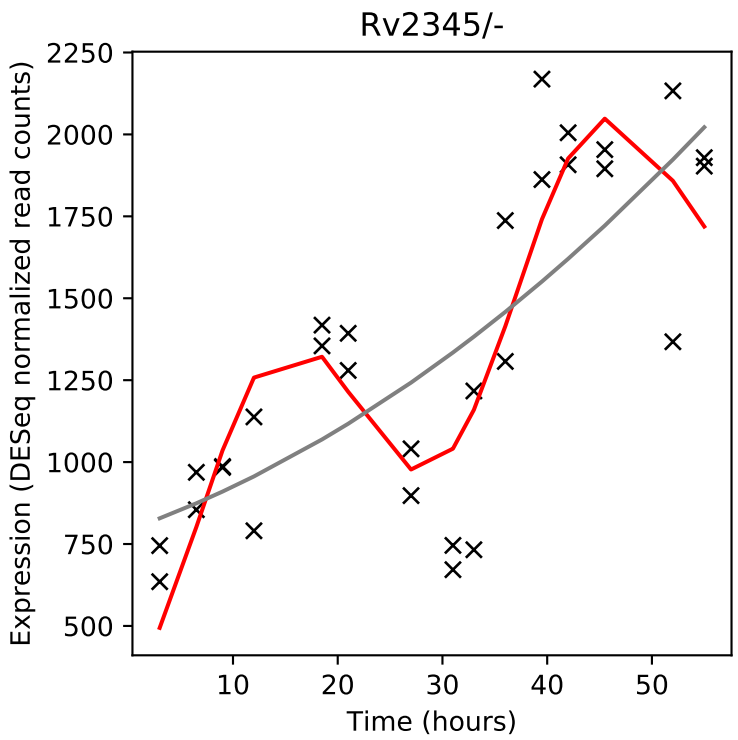

Rv2306A/-
Rv2306B/-
Rv2307c/-
Rv2307A/-
Rv2307B/-
Rv2307D/-
Rv2308/-
Rv2309c/-
Rv2309A/-
Expression (DESeq normalized read counts)
Time (hours)

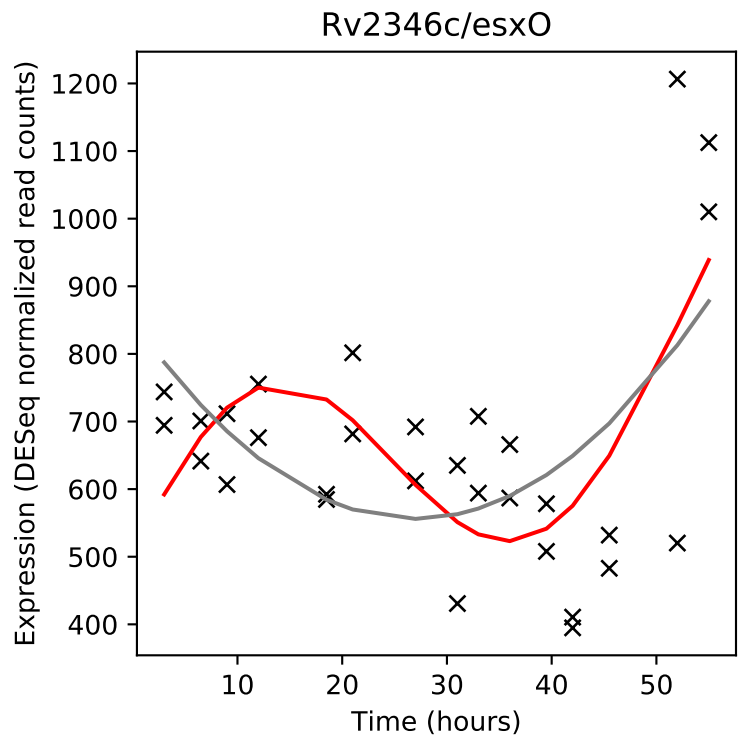

Rv2310/-
Rv2311/-
Rv2312/-
Rv2313c/-
Rv2314c/-
Rv2315c/-
Rv2316/uspA
Rv2317/uspB
Rv2318/uspC
Expression (DESeq normalized read counts)
Time (hours)

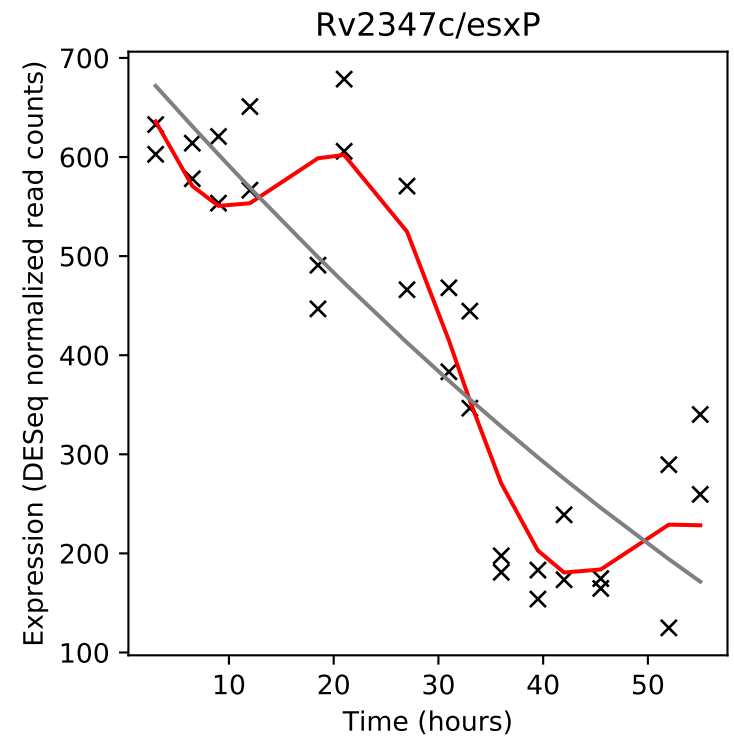

Rv2319c/-
Rv2320c/rocE
Rv2321c/rocD2
Rv2322c/rocD1
Rv2323c/-
Rv2324/-
Rv2325c/-
Rv2326c/-
Rv2327/-
Expression (DESeq normalized read counts)
Time (hours)

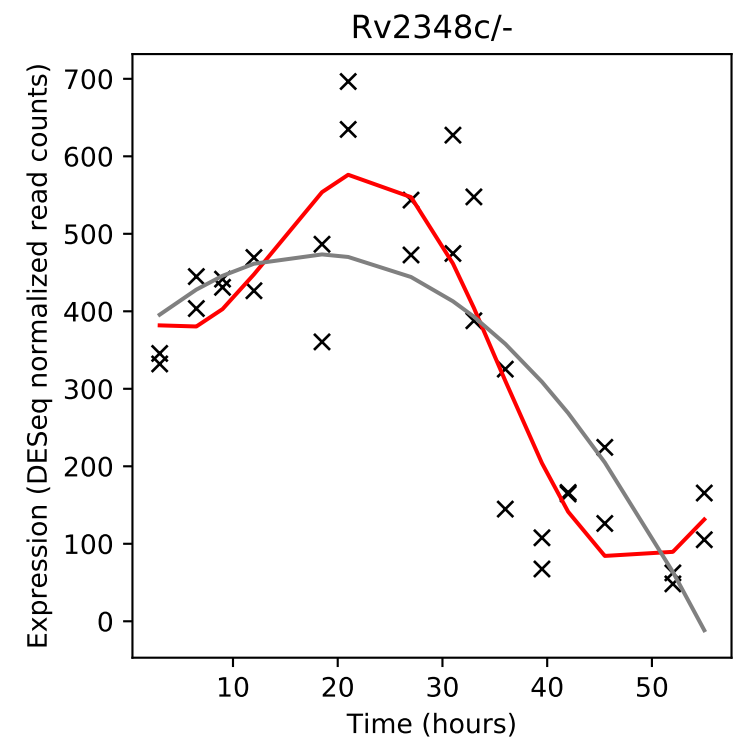

Rv2328/PE23
Rv2329c/narK1
Rv2330c/lppP
Rv2331/-
Rv2331A/-
Rv2332/mez
Rv2333c/stp
Rv2334/cysK1
Rv2335/cysE
Expression (DESeq normalized read counts)
Time (hours)

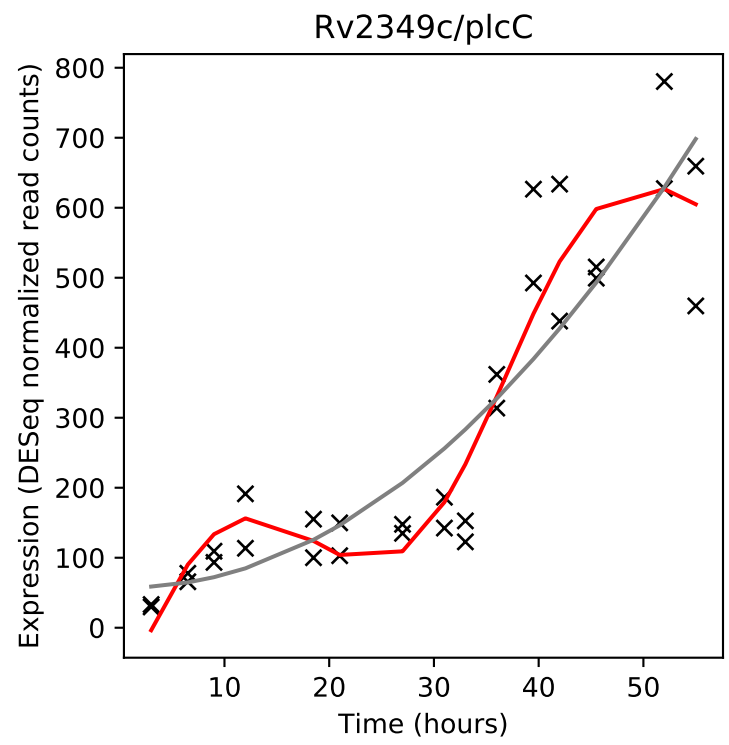

Rv2336/-
Rv2337c/-
Rv2338c/moeW
Rv2339/mmpL9
Rv2340c/PE_PGRS39
Rv2341/lppQ
Rv2342/-
Rv2343c/dnaG
Rv2344c/dgt
Expression (DESeq normalized read counts)
Time (hours)

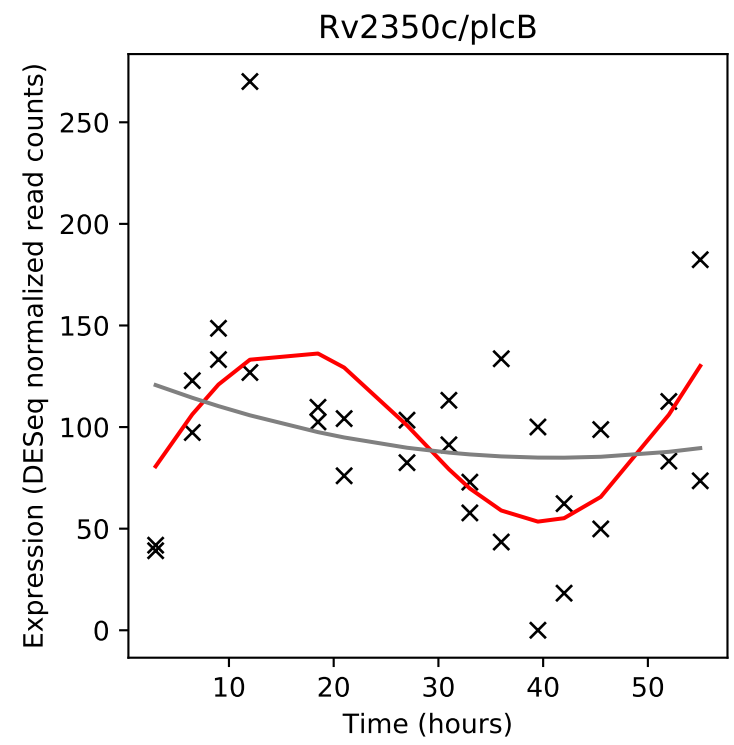

Rv2345/-
Expression (DESeq normalized read counts)
Time (hours)

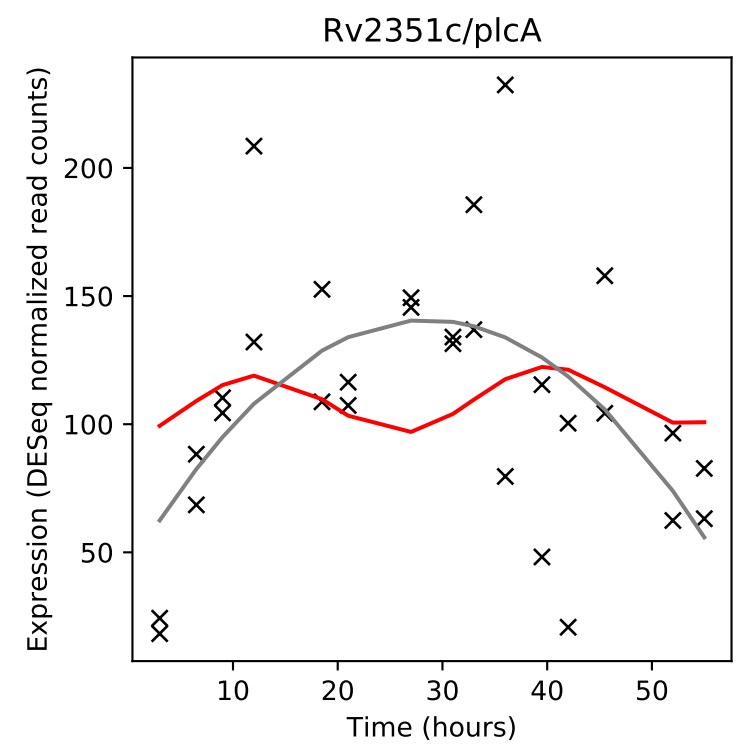

Rv2346c/esxO
Expression (DESeq normalized read counts)
Time (hours)

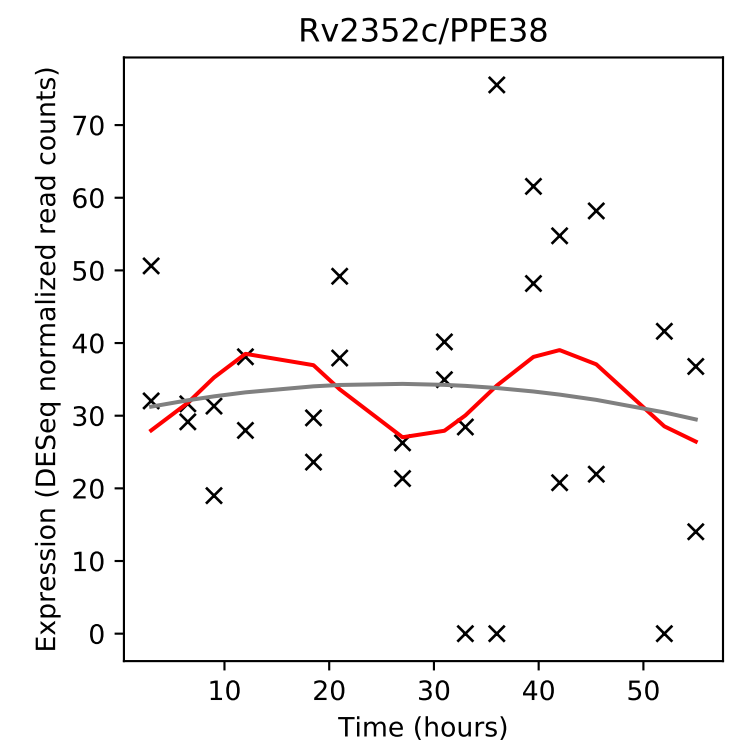

Rv2347c/esxP
Expression (DESeq normalized read counts)
Time (hours)

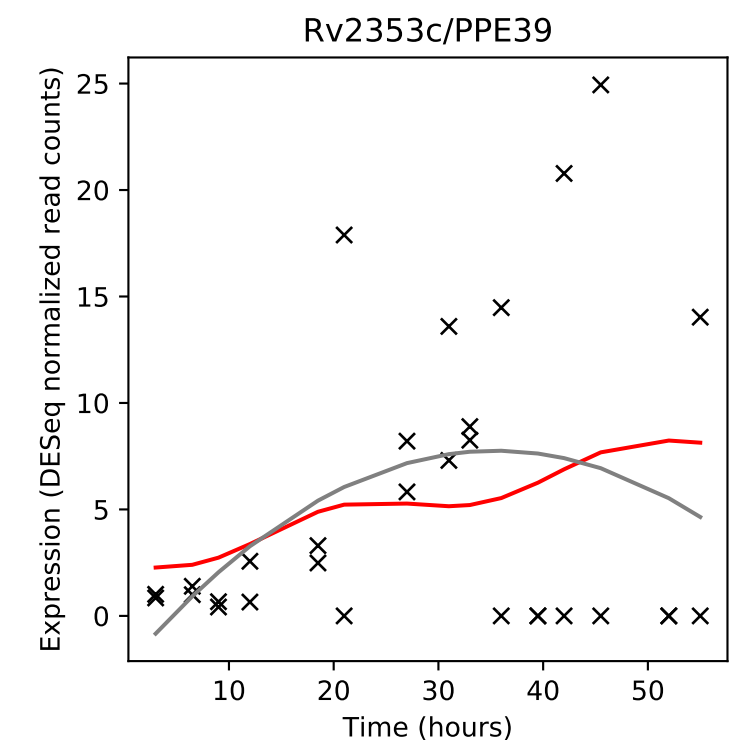

Rv2348c/-
Expression (DESeq normalized read counts)
Time (hours)

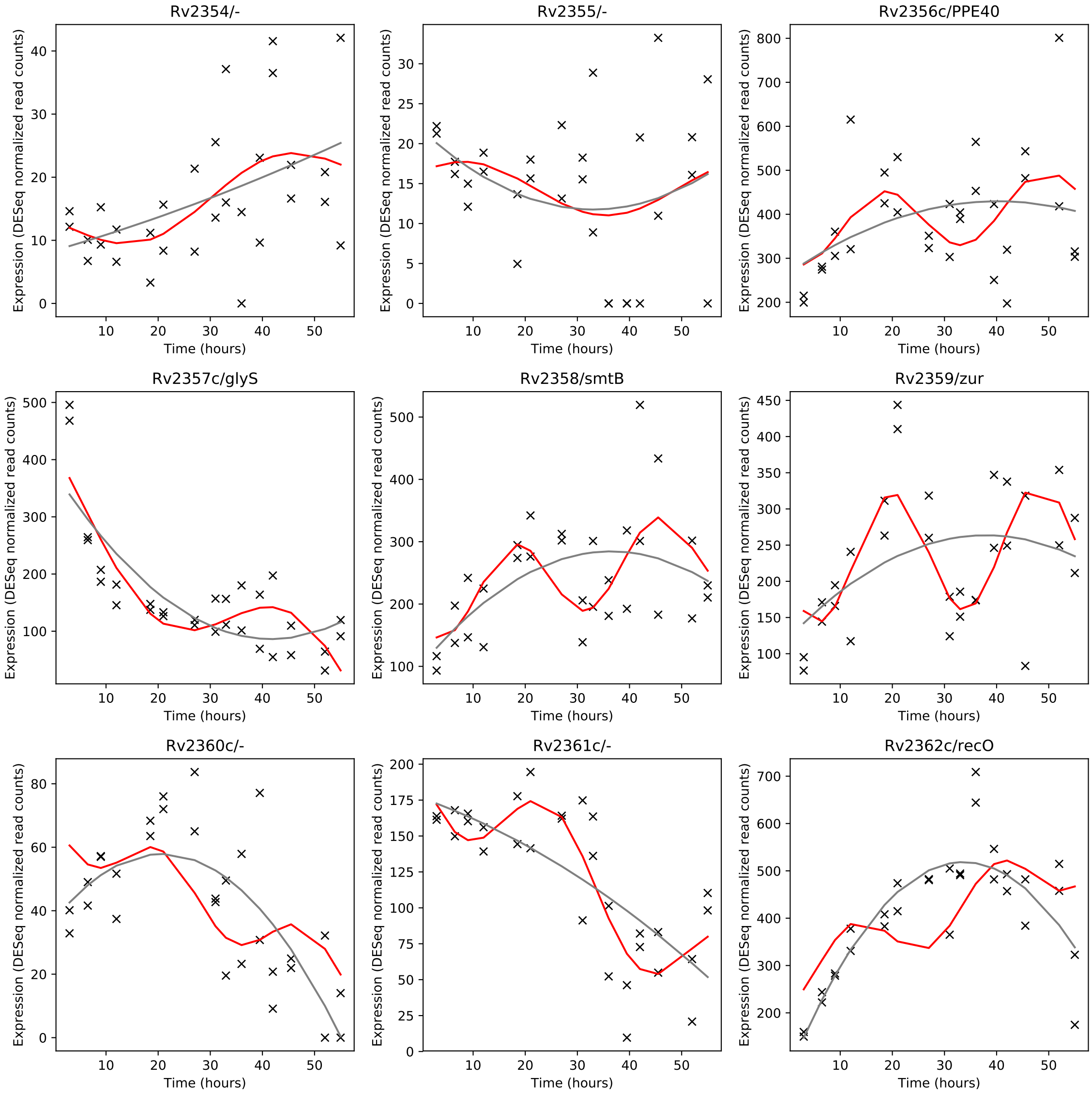

Rv2349c/plcC
Expression (DESeq normalized read counts)
Time (hours)

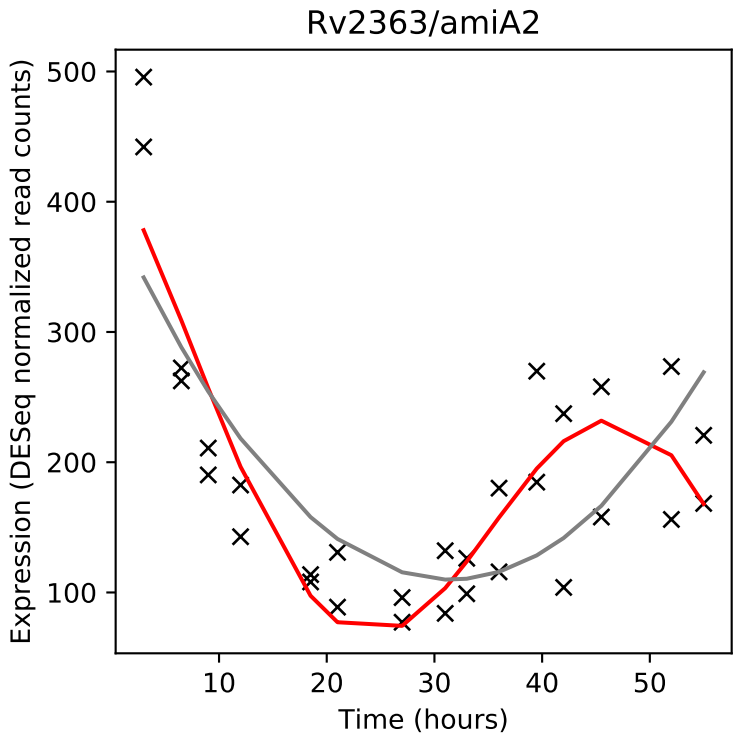

Rv2350c/plcB
Expression (DESeq normalized read counts)
Time (hours)

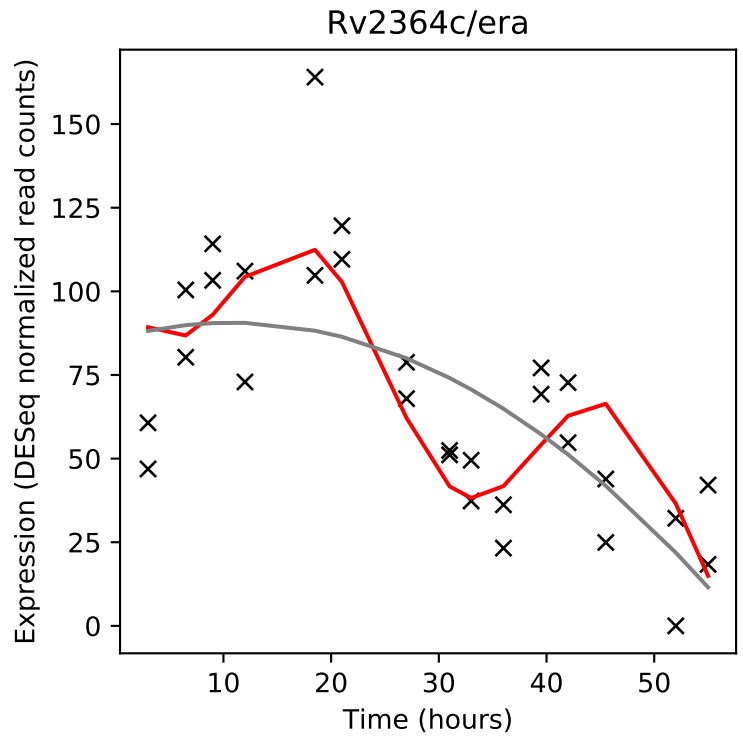

Rv2351c/plcA
Expression (DESeq normalized read counts)
Time (hours)

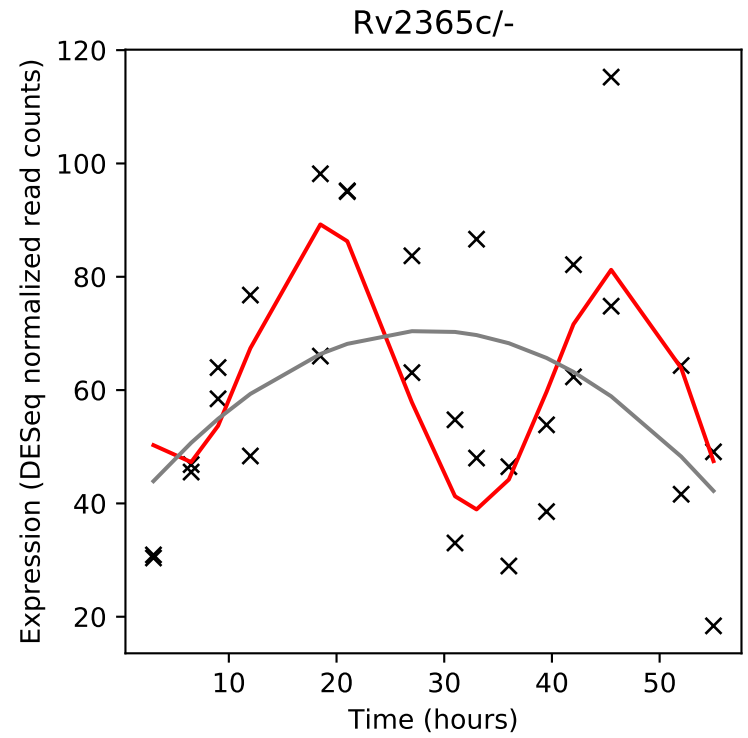

Rv2352c/PPE38
Expression (DESeq normalized read counts)
Time (hours)

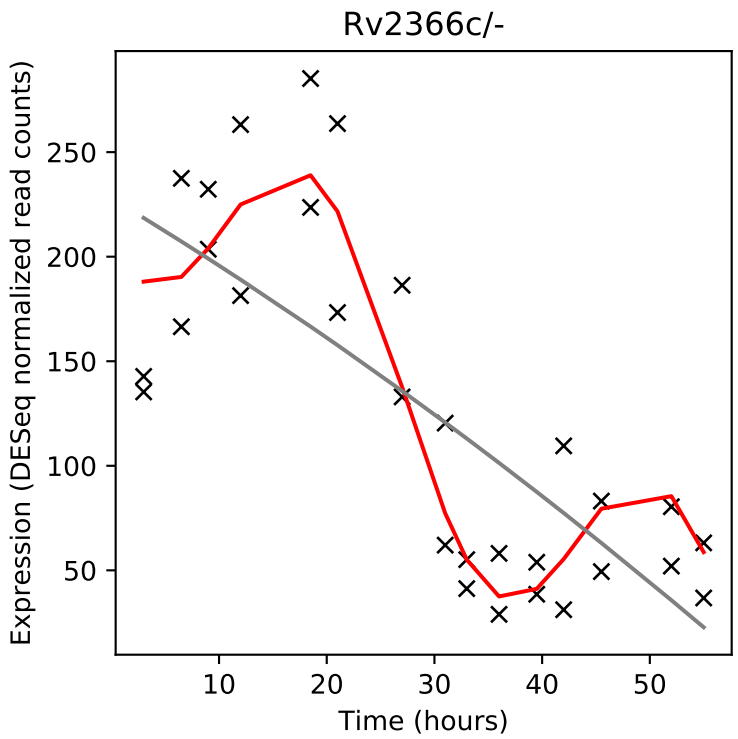

Rv2353c/PPE39
Expression (DESeq normalized read counts)
Time (hours)

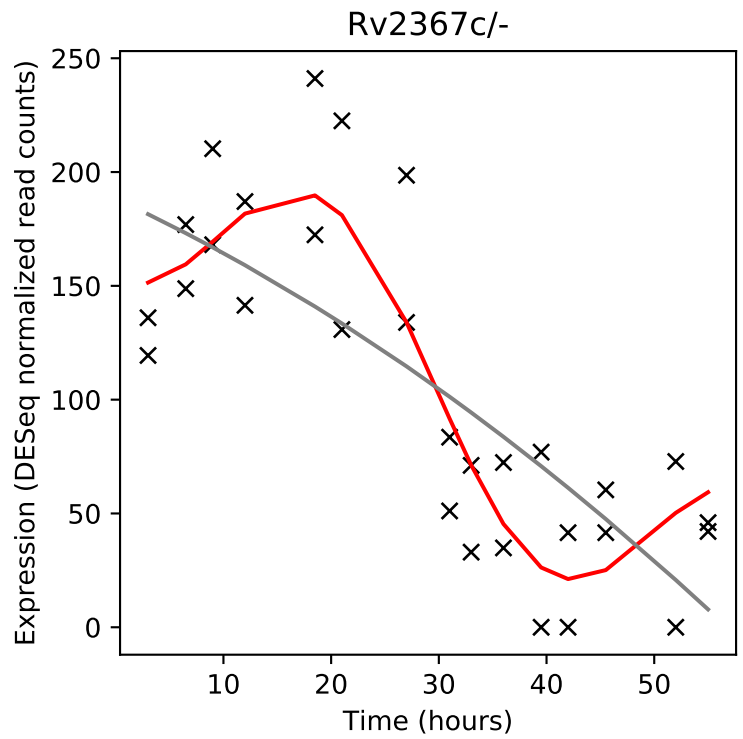

Rv2354/-
Rv2355/-
Rv2356c/PPE40
Rv2357c/glyS
Rv2358/smtB
Rv2359/zur
Rv2360c/-
Rv2361c/-
Rv2362c/recO
Expression (DESeq normalized read counts)
Time (hours)

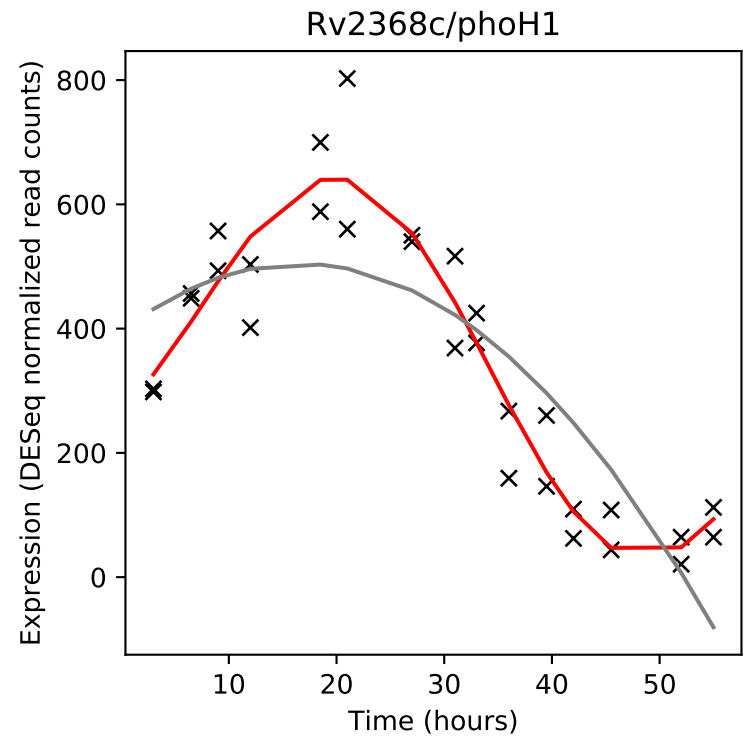

Rv2363/amiA2
Expression (DESeq normalized read counts)
Time (hours)

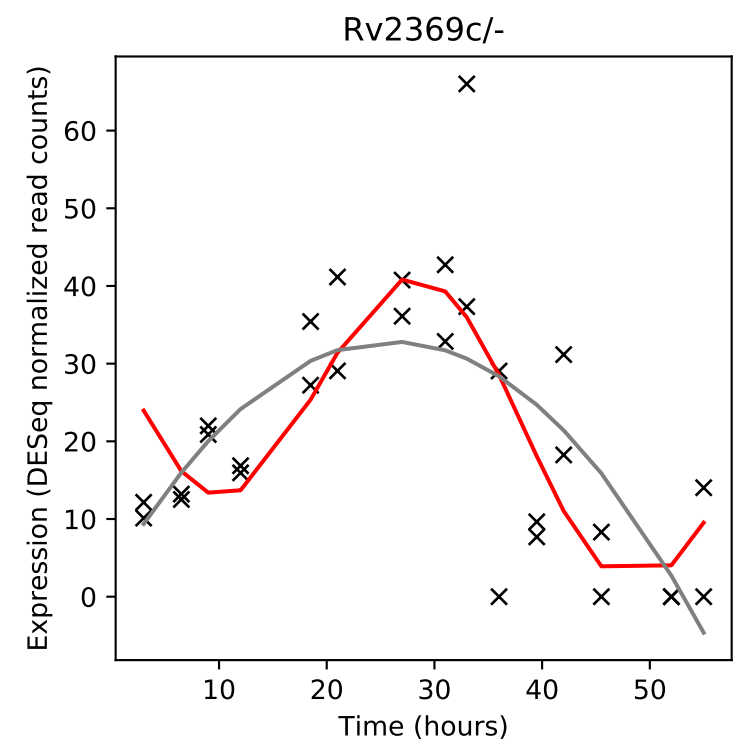

Rv2364c/era
Expression (DESeq normalized read counts)
Time (hours)

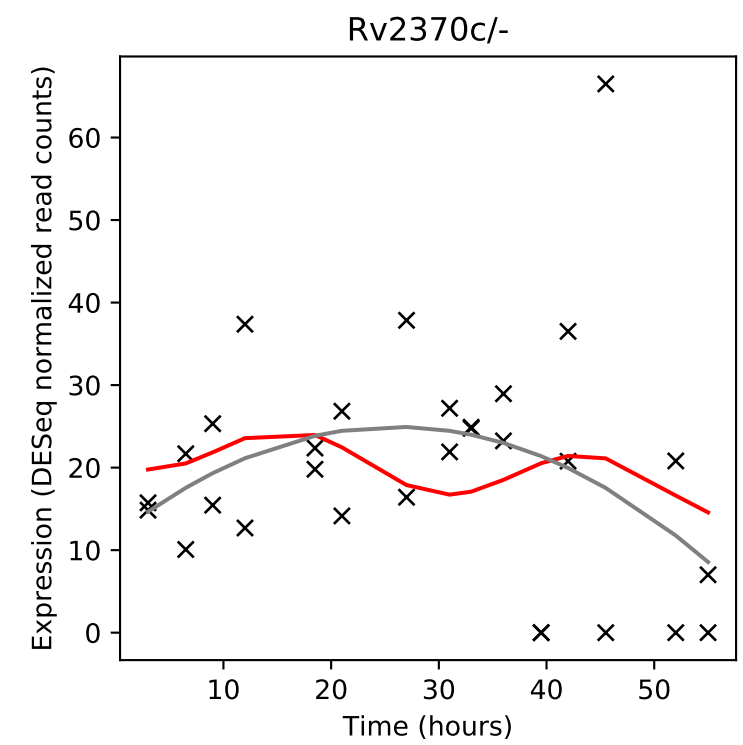

Rv2365c/-
Expression (DESeq normalized read counts)
Time (hours)

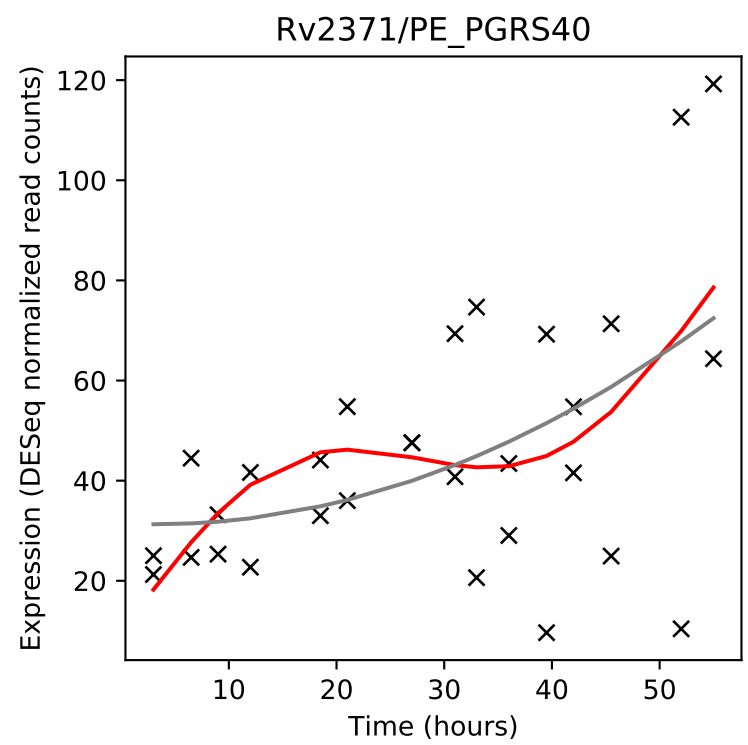

Rv2366c/-
Expression (DESeq normalized read counts)
Time (hours)

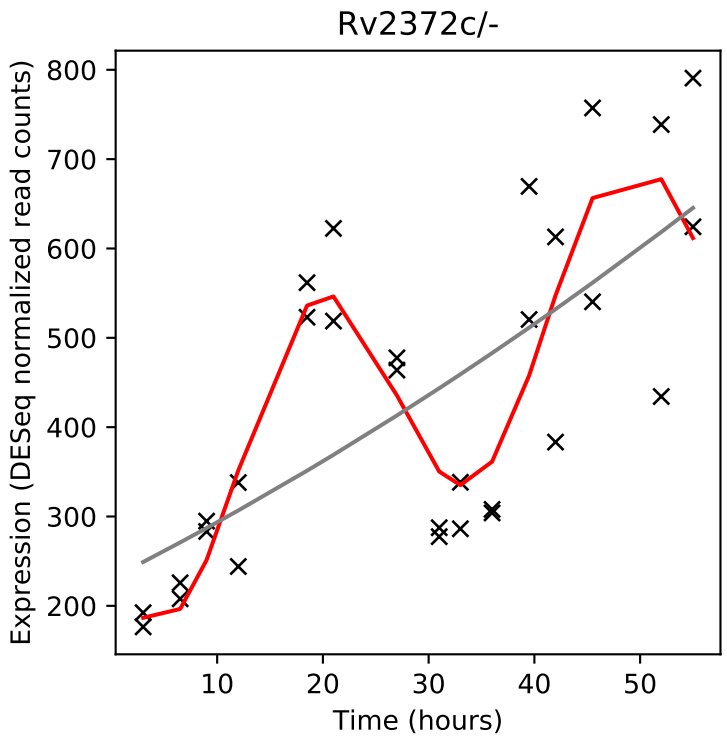

Rv2367c/-
Expression (DESeq normalized read counts)
Time (hours)

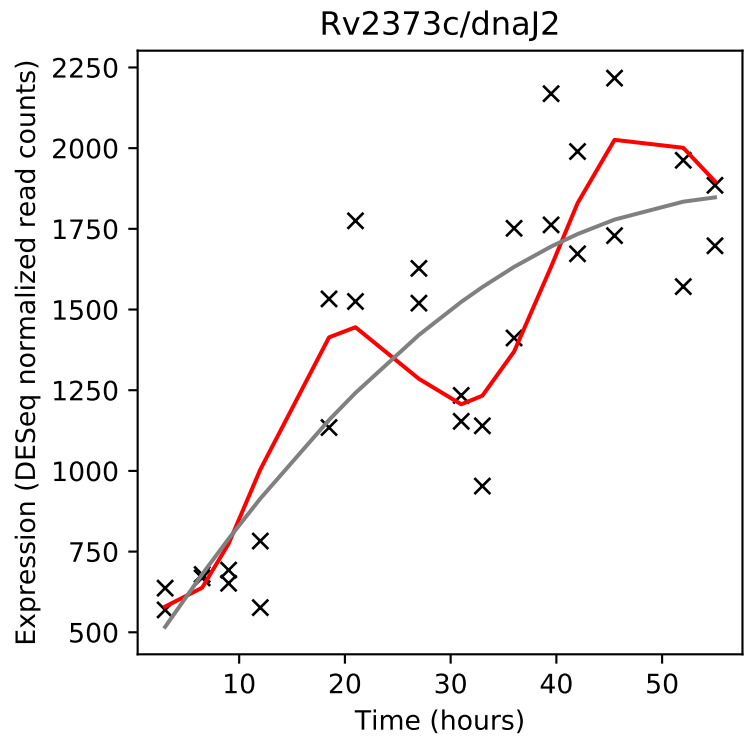

Rv2368c/phoH1
Expression (DESeq normalized read counts)
Time (hours)

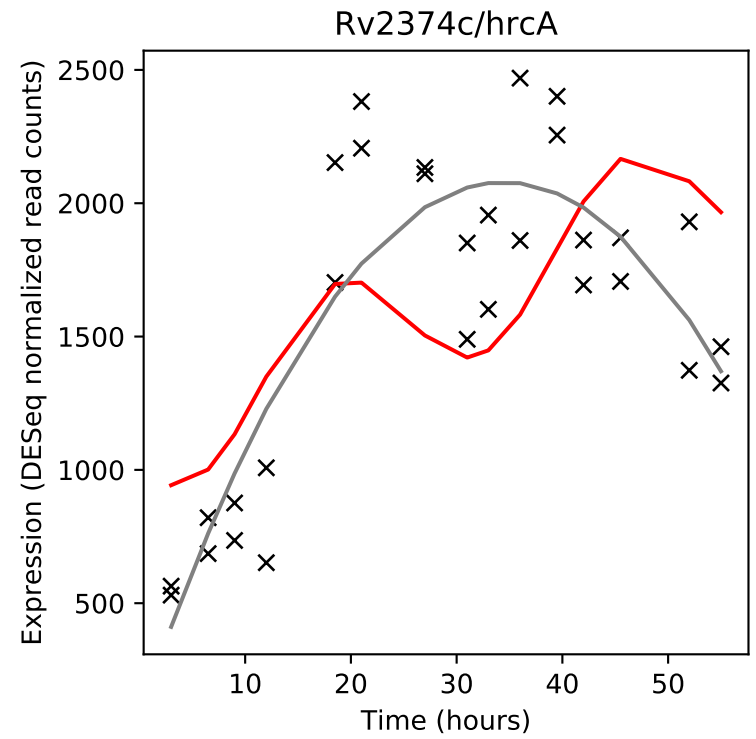

Rv2369c/-
Expression (DESeq normalized read counts)
Time (hours)

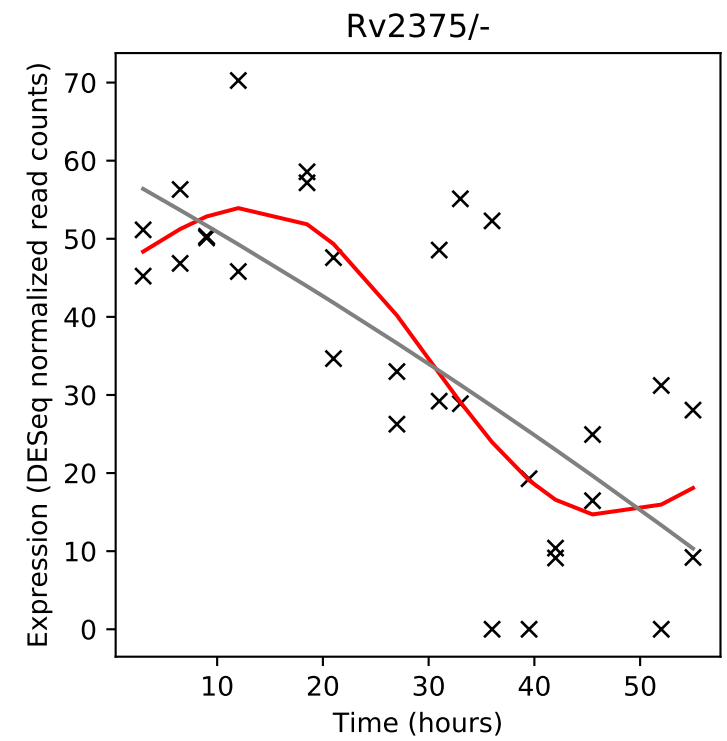

Rv2370c/-
Expression (DESeq normalized read counts)
Time (hours)

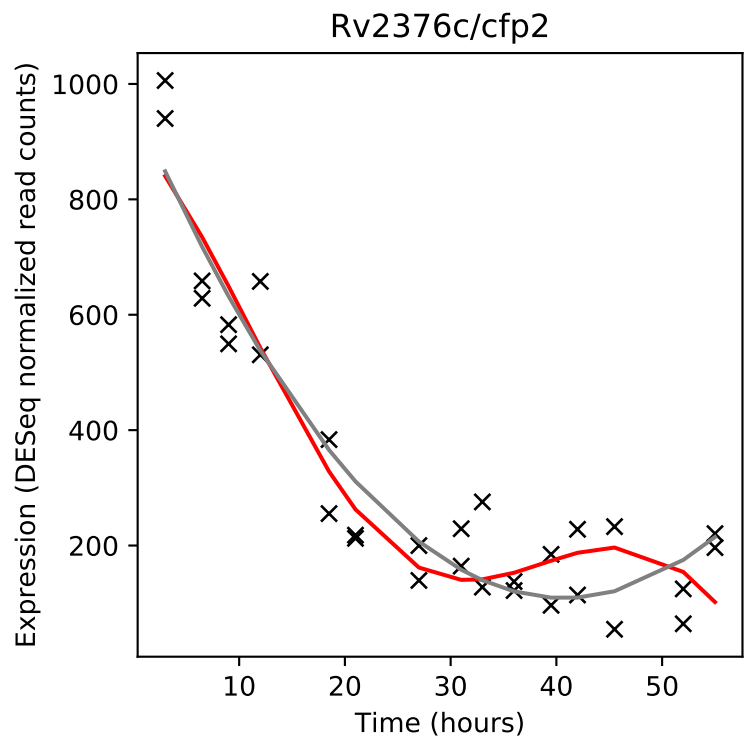

Rv2371/PE_PGRS40
Expression (DESeq normalized read counts)
Time (hours)

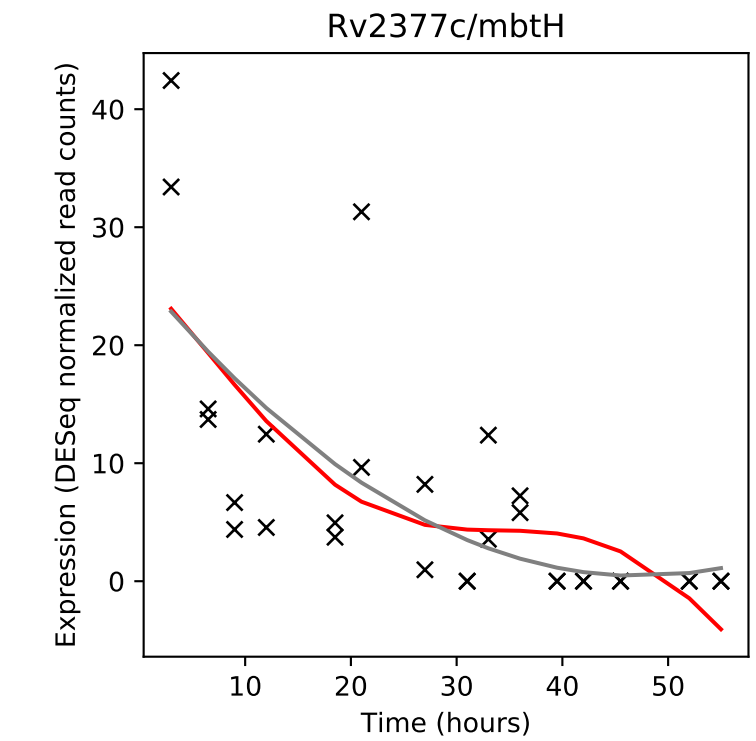

Rv2372c/-
Expression (DESeq normalized read counts)
Time (hours)

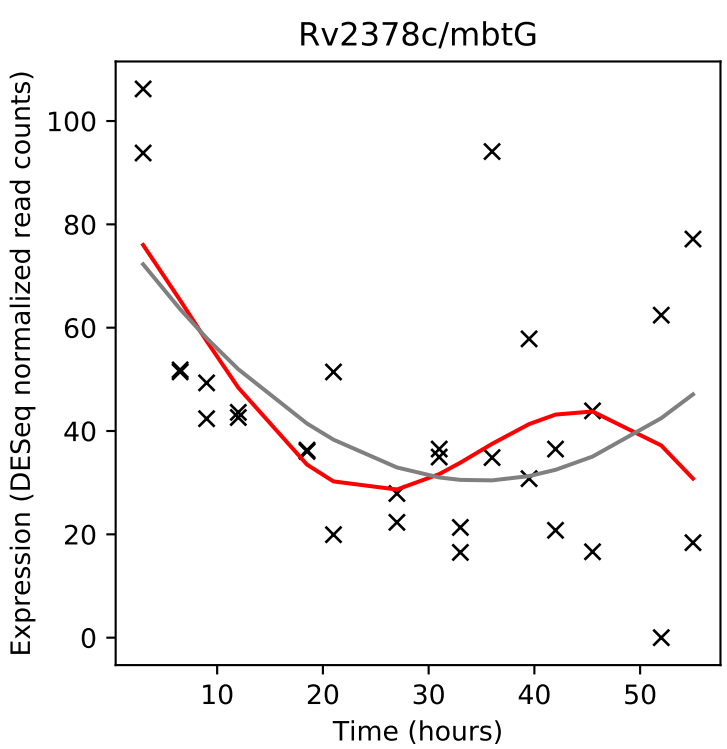

Rv2373c/dnaJ2
Expression (DESeq normalized read counts)
Time (hours)

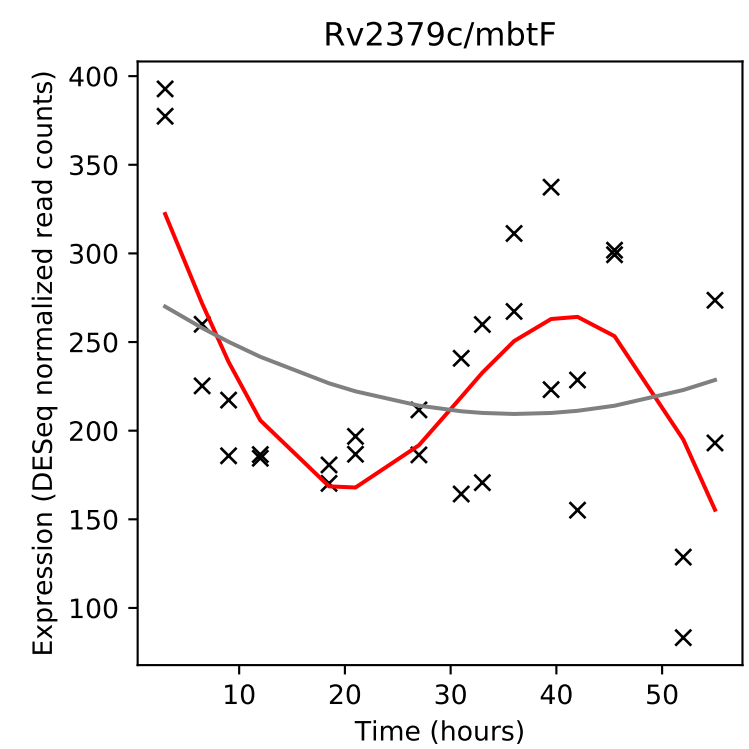

Rv2374c/hrcA
Expression (DESeq normalized read counts)
Time (hours)

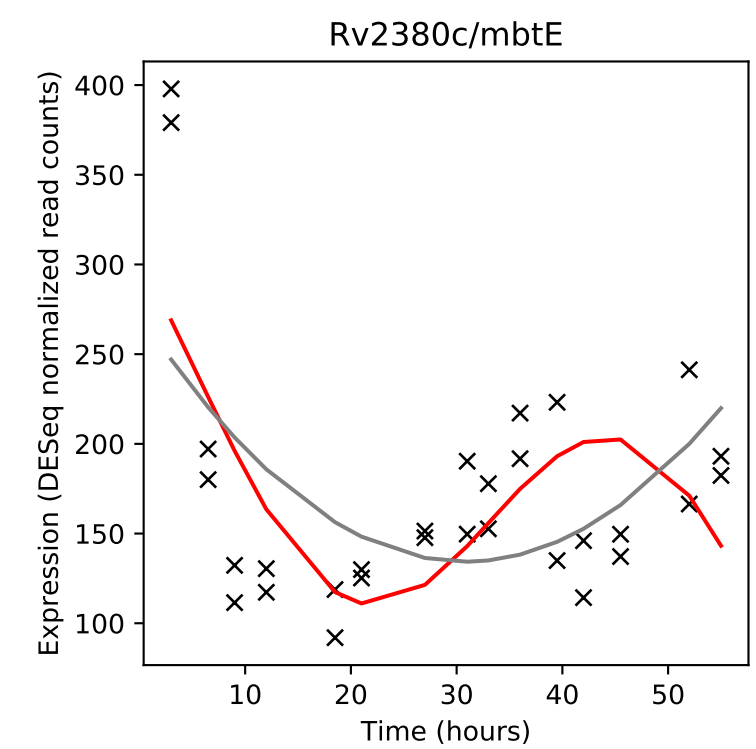

Rv2375/-
Expression (DESeq normalized read counts)
Time (hours)

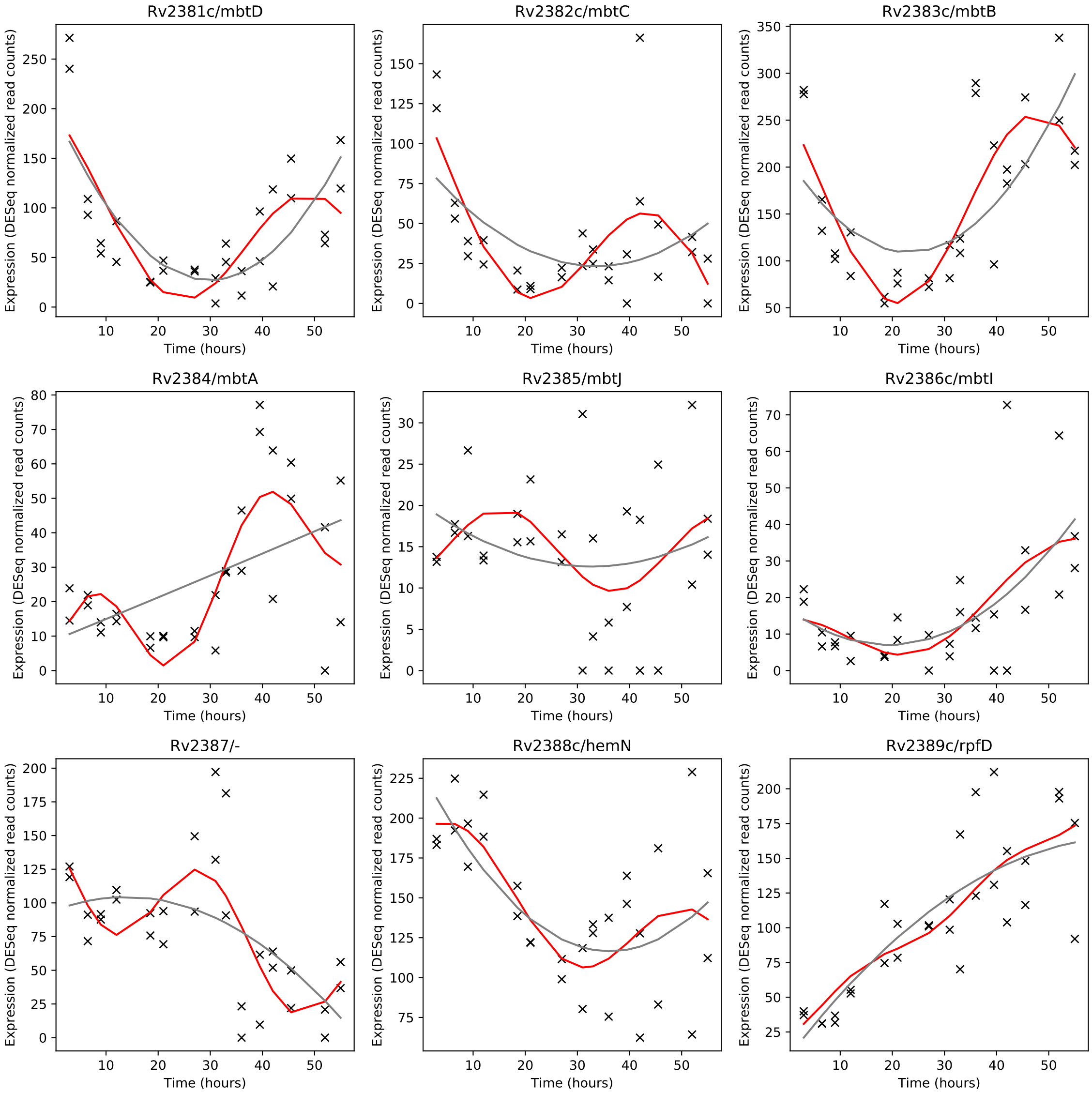

Rv2376c/cfp2
Expression (DESeq normalized read counts)
Time (hours)

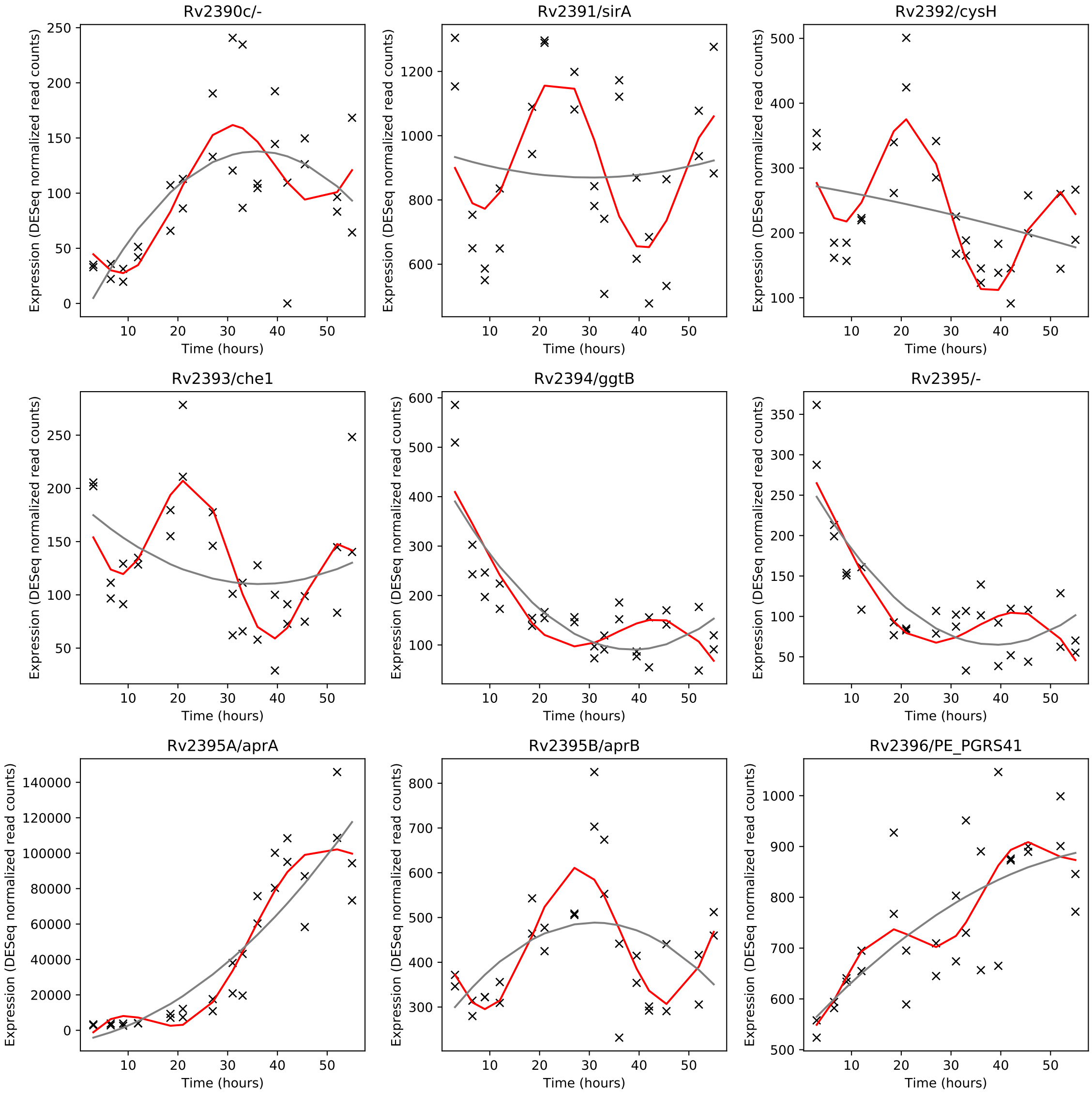

Rv2377c/mbtH
Expression (DESeq normalized read counts)
Time (hours)

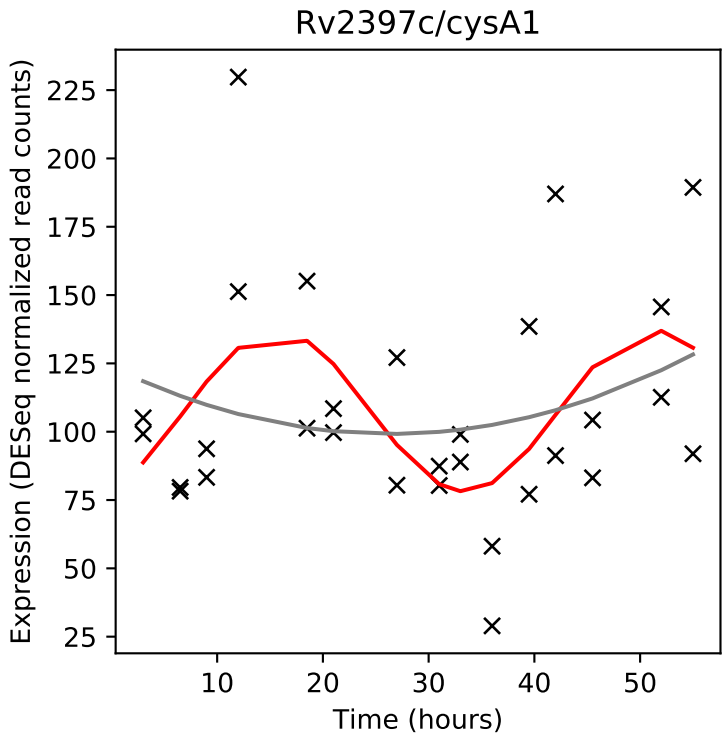

Rv2378c/mbtG
Expression (DESeq normalized read counts)
Time (hours)

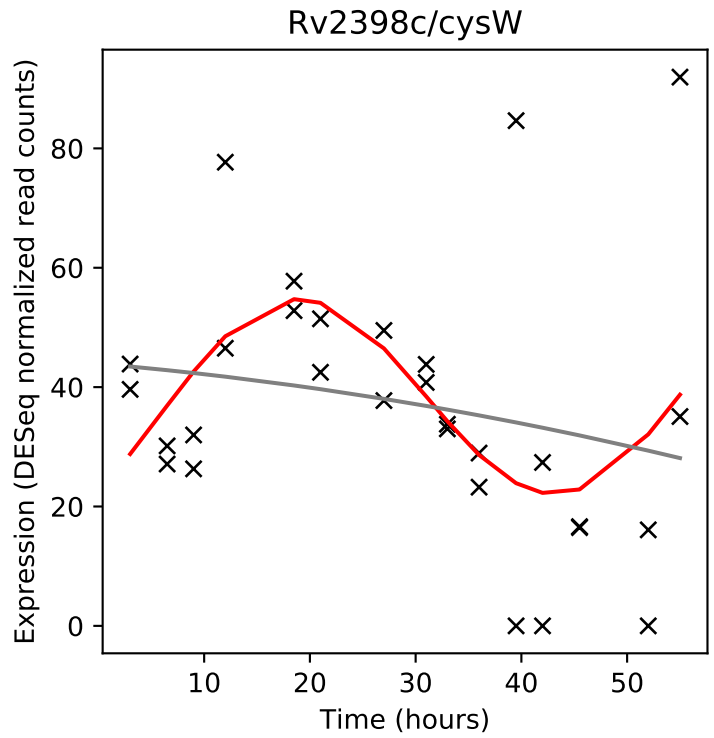

Rv2379c/mbtF
Expression (DESeq normalized read counts)
Time (hours)

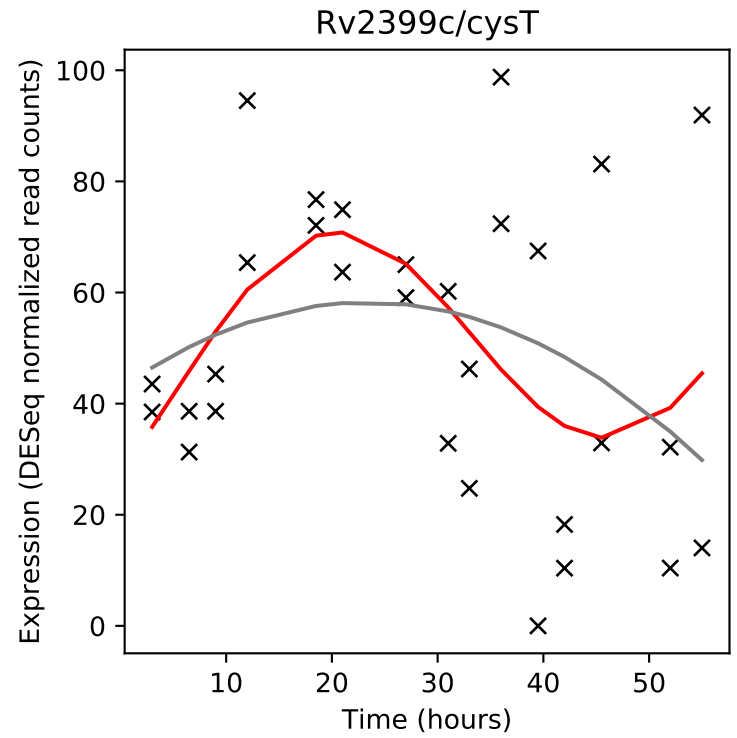

Rv2380c/mbtE
Expression (DESeq normalized read counts)
Time (hours)

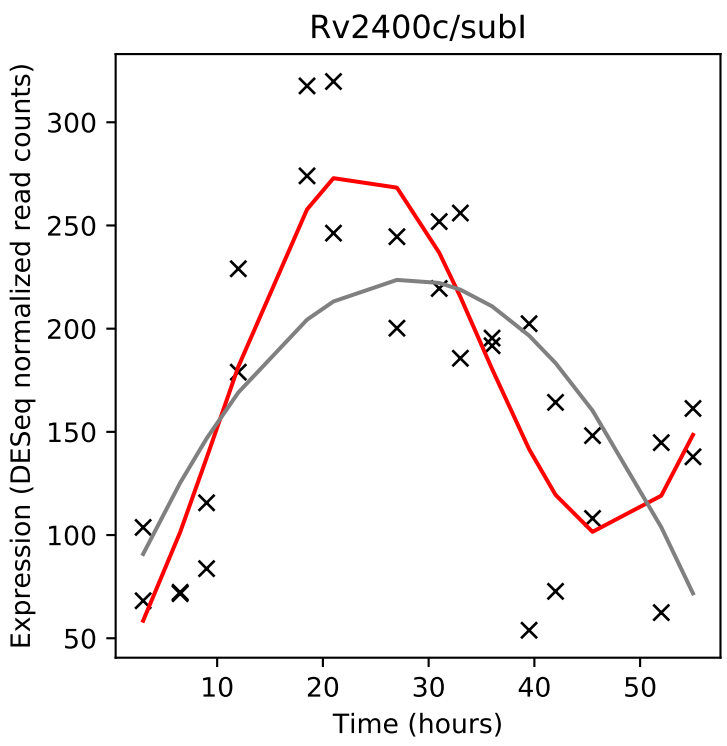

Rv2381c/mbtD
Rv2382c/mbtC
Rv2383c/mbtB
Rv2384/mbtA
Rv2385/mbtJ
Rv2386c/mbtI
Rv2387/-
Rv2388c/hemN
Rv2389c/rpfD
Expression (DESeq normalized read counts)
Time (hours)

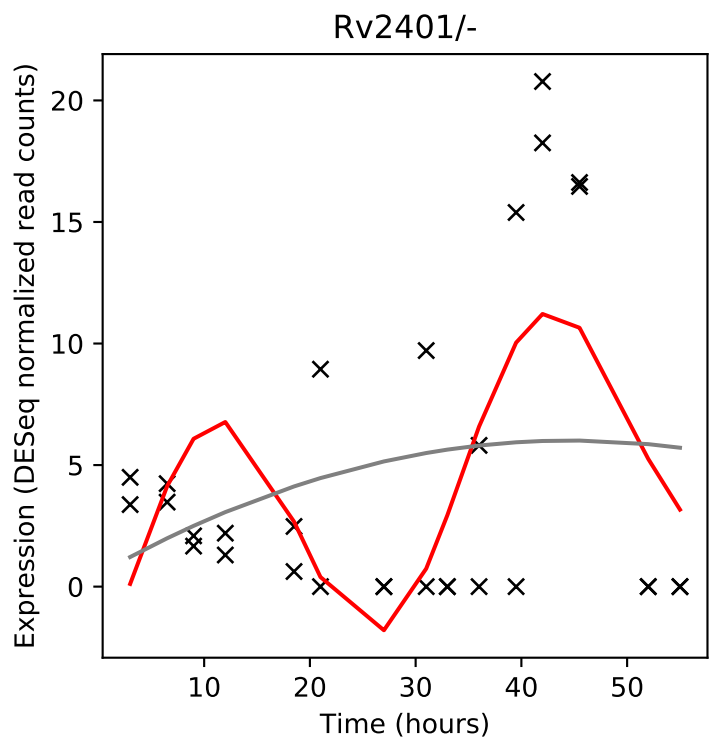

Rv2390c/-
Rv2391/sirA
Rv2392/cysH
Rv2393/che1
Rv2394/ggtB
Rv2395/-
Rv2395A/aprA
Rv2395B/aprB
Rv2396/PE_PGRS41
Expression (DESeq normalized read counts)
Time (hours)

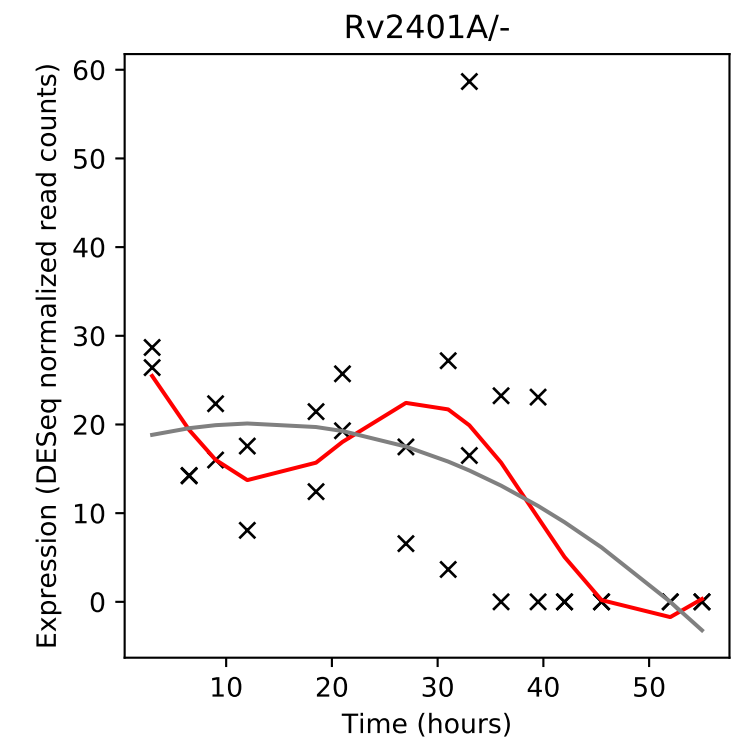

Rv2397c/cysA1
Expression (DESeq normalized read counts)
Time (hours)

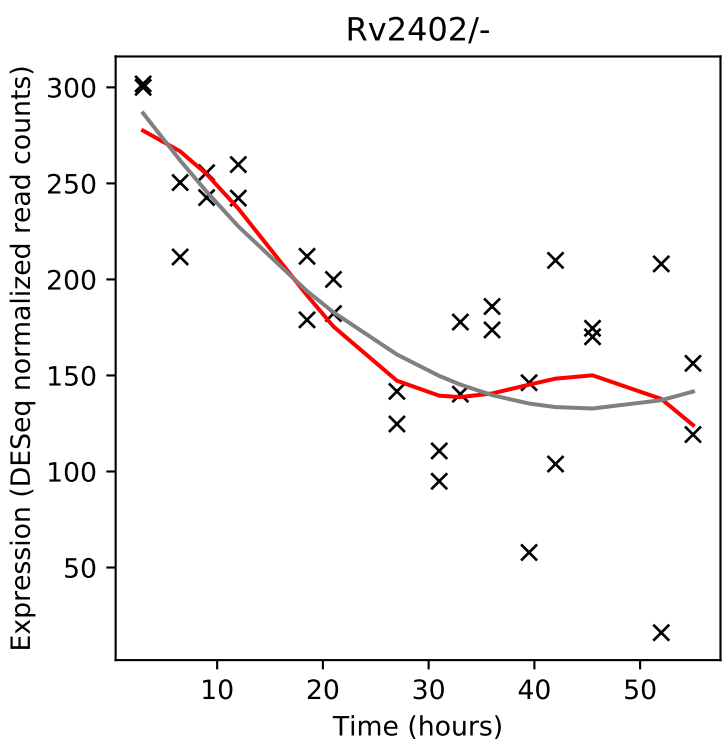

Rv2398c/cysW
Expression (DESeq normalized read counts)
Time (hours)

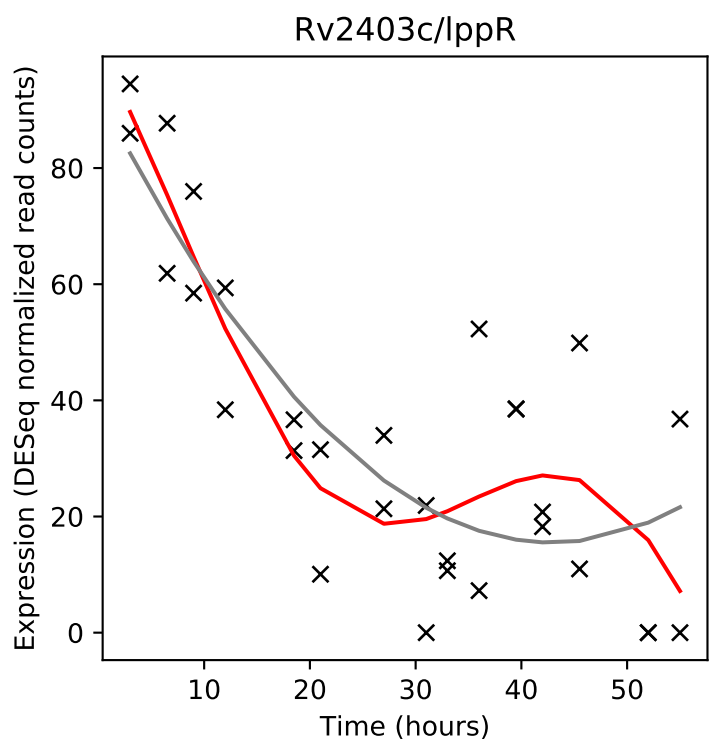

Rv2399c/cysT
Expression (DESeq normalized read counts)
Time (hours)

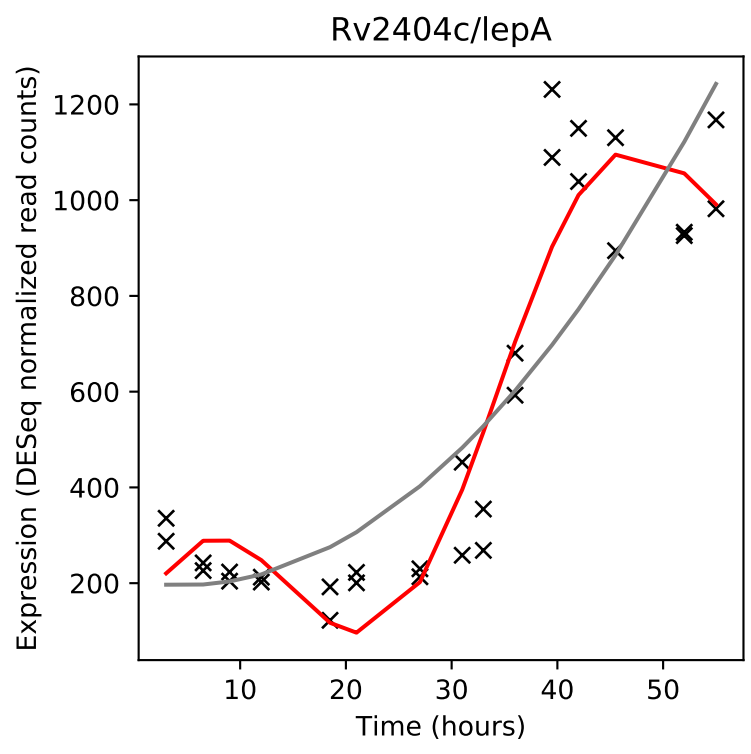

Rv2400c/subI
Expression (DESeq normalized read counts)
Time (hours)

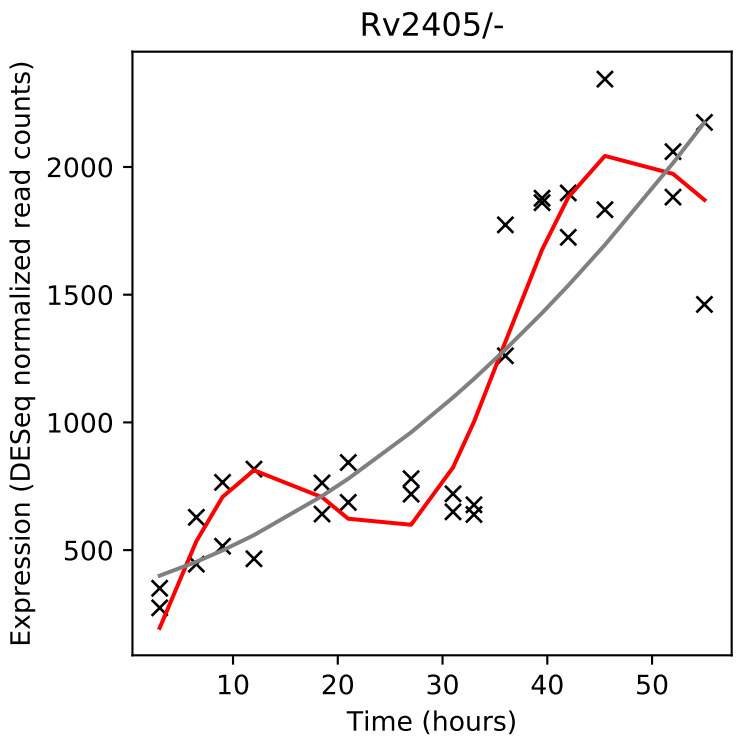

Rv2401/-
Expression (DESeq normalized read counts)
Time (hours)

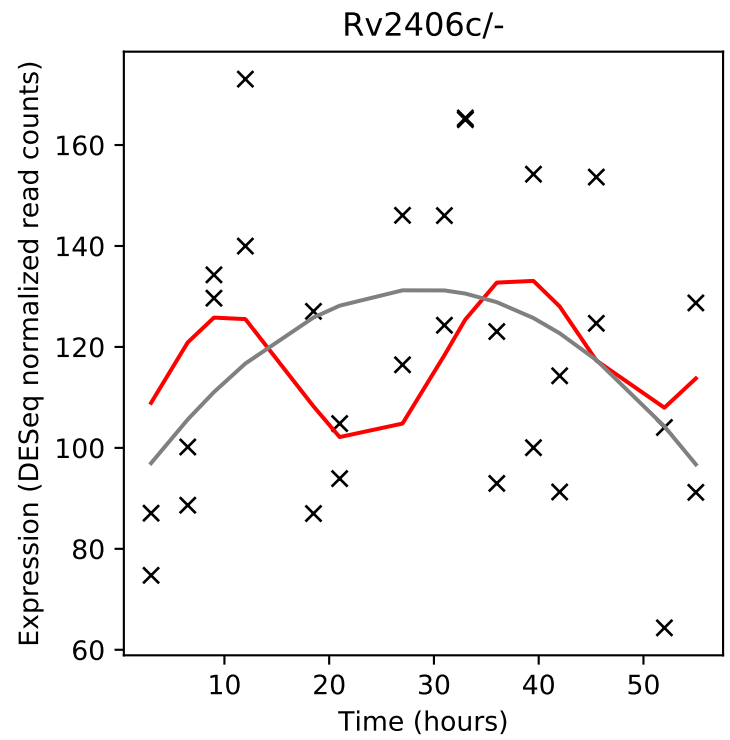

Rv2401A/-
Expression (DESeq normalized read counts)
Time (hours)

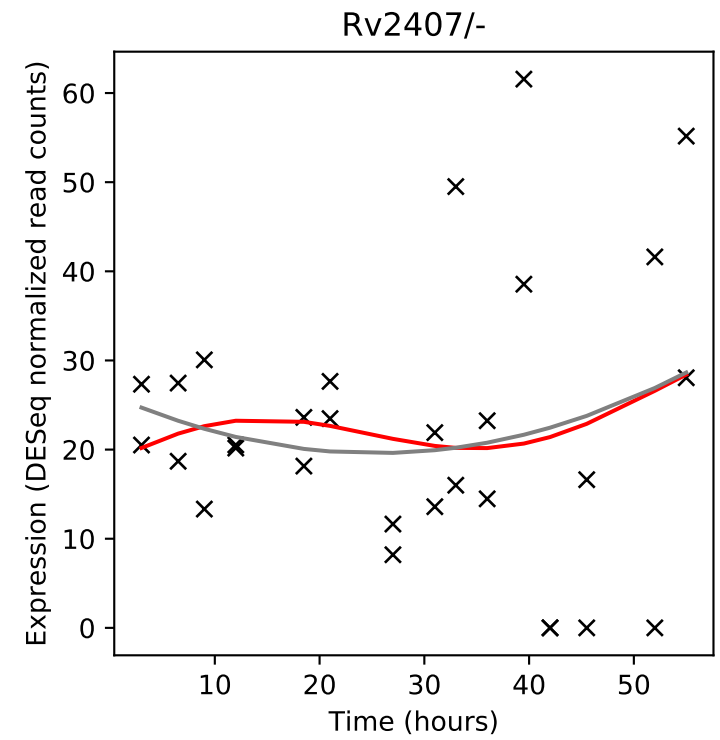

Rv2402/-
Expression (DESeq normalized read counts)
Time (hours)

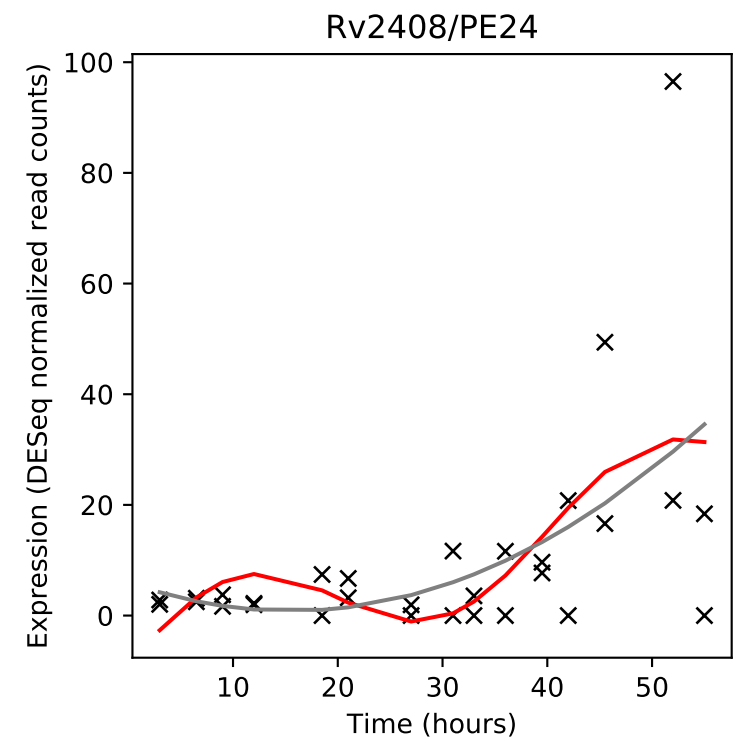

Rv2403c/lppR
Expression (DESeq normalized read counts)
Time (hours)

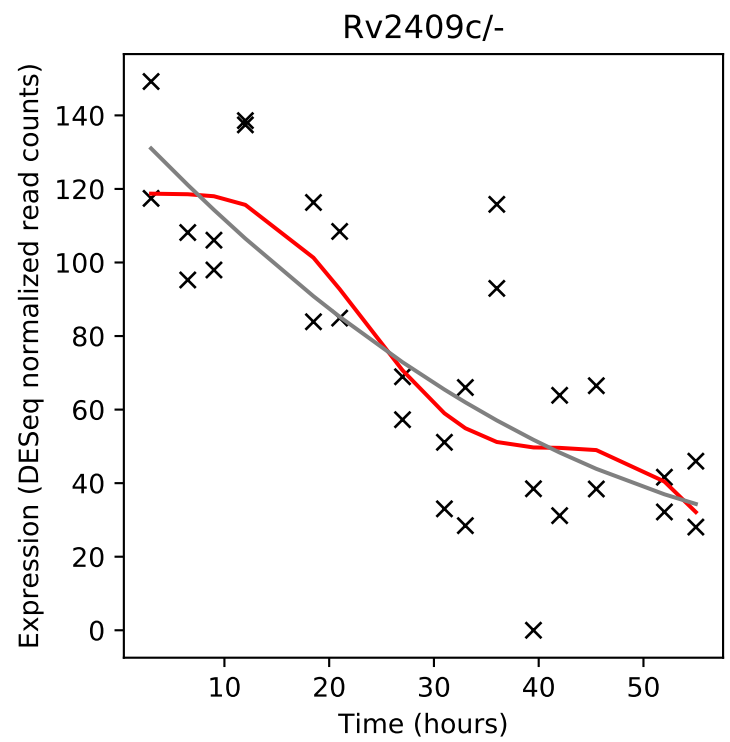

Rv2404c/lepA
Expression (DESeq normalized read counts)
Time (hours)

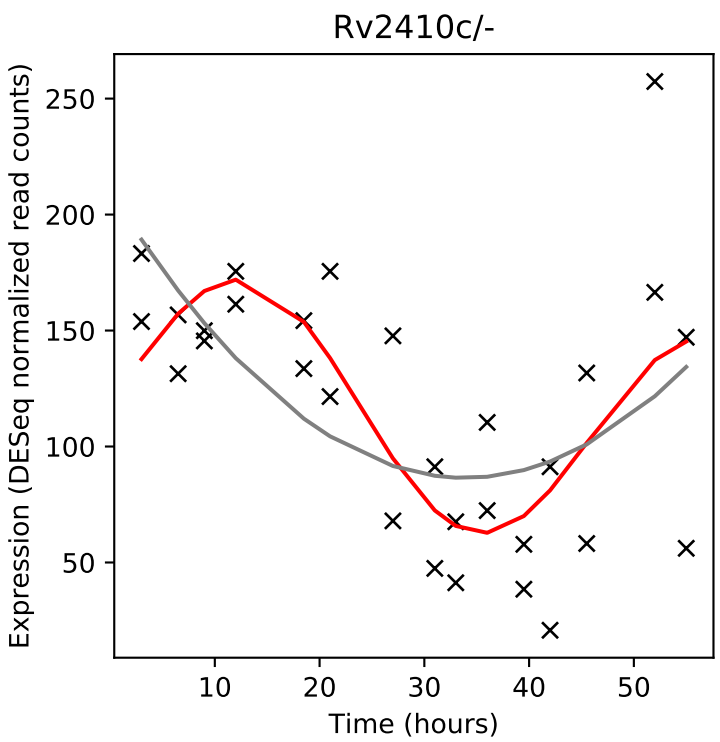

Rv2405/-
Expression (DESeq normalized read counts)
Time (hours)

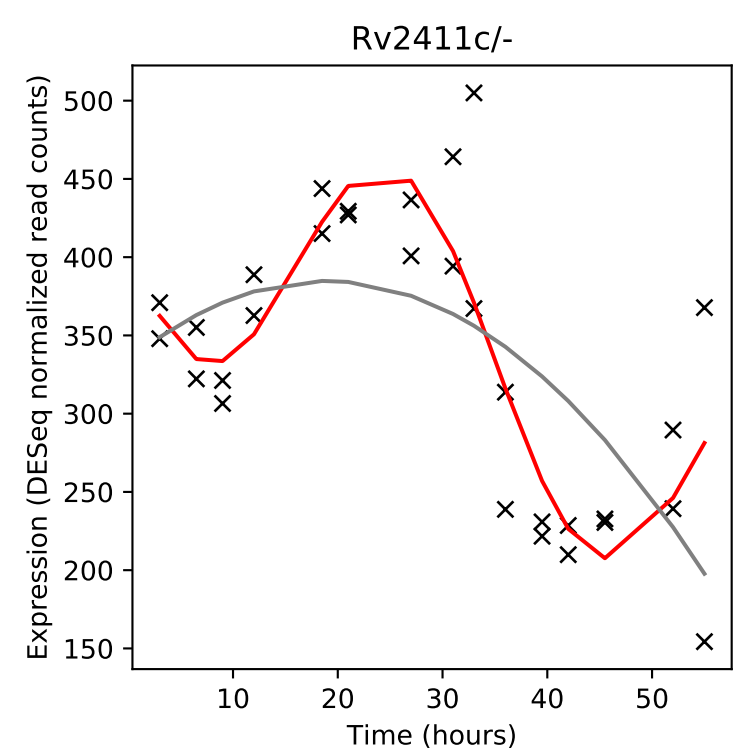

Rv2406c/-
Expression (DESeq normalized read counts)
Time (hours)

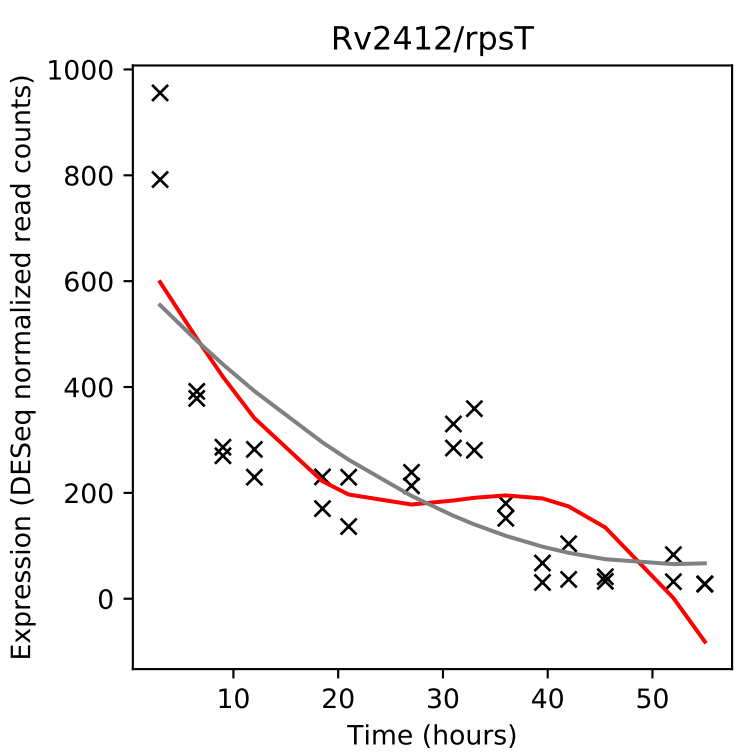

Rv2407/-
Expression (DESeq normalized read counts)
Time (hours)

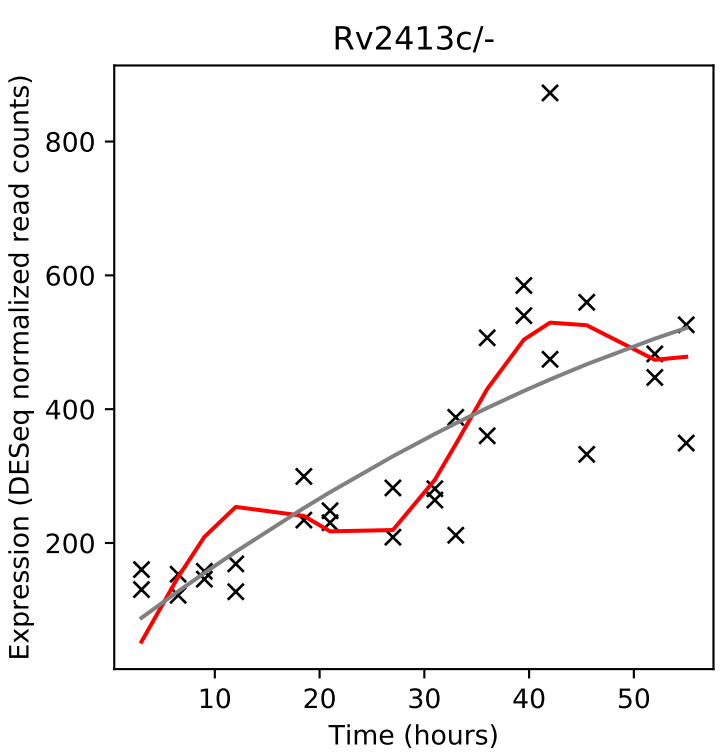

Rv2408/PE24
Expression (DESeq normalized read counts)
Time (hours)

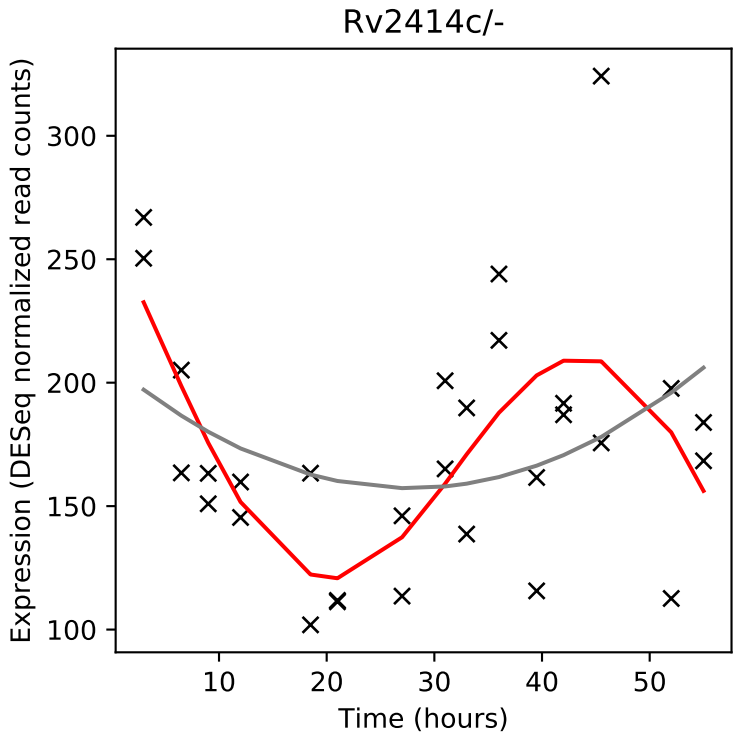

Rv2409c/-
Expression (DESeq normalized read counts)
Time (hours)

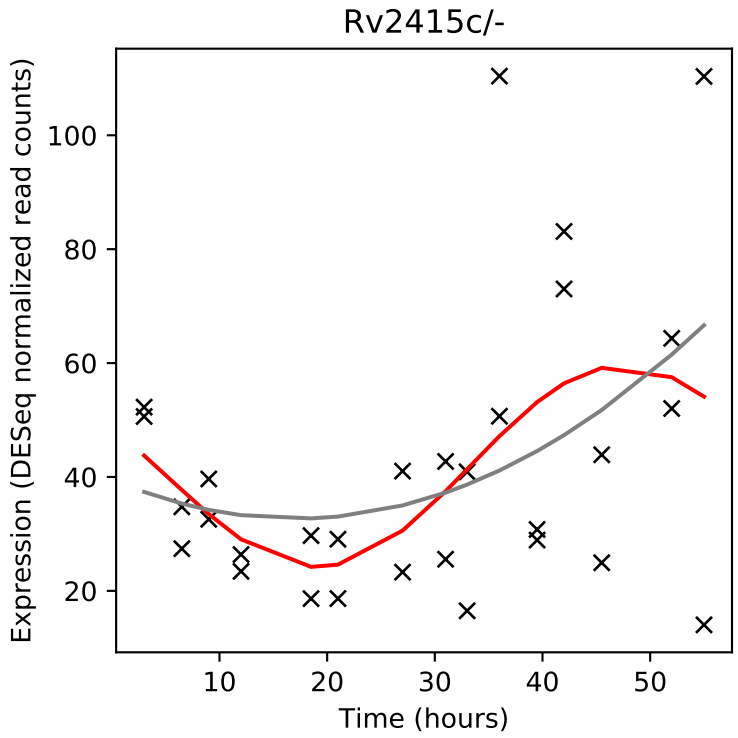

Rv2410c/-
Expression (DESeq normalized read counts)
Time (hours)

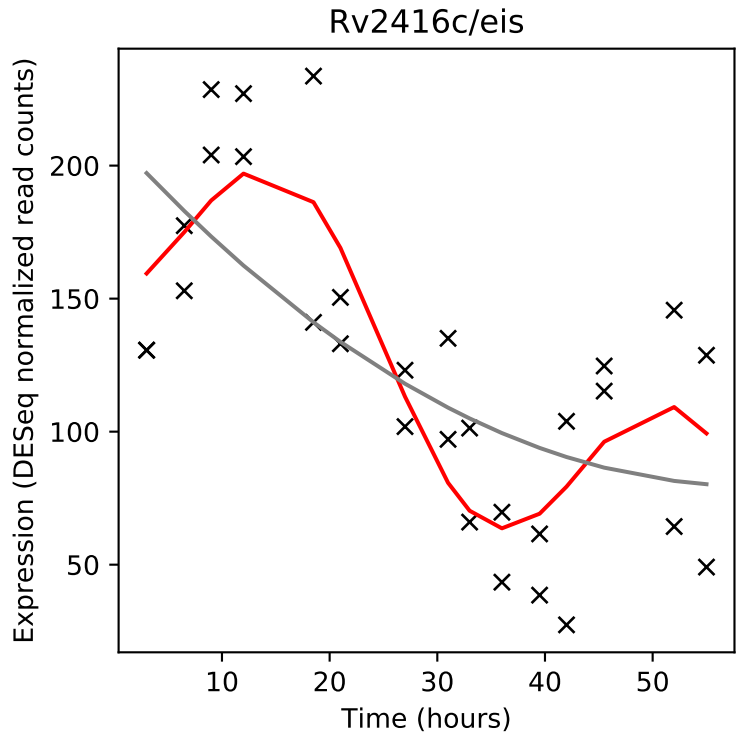

Rv2411c/-
Expression (DESeq normalized read counts)
Time (hours)

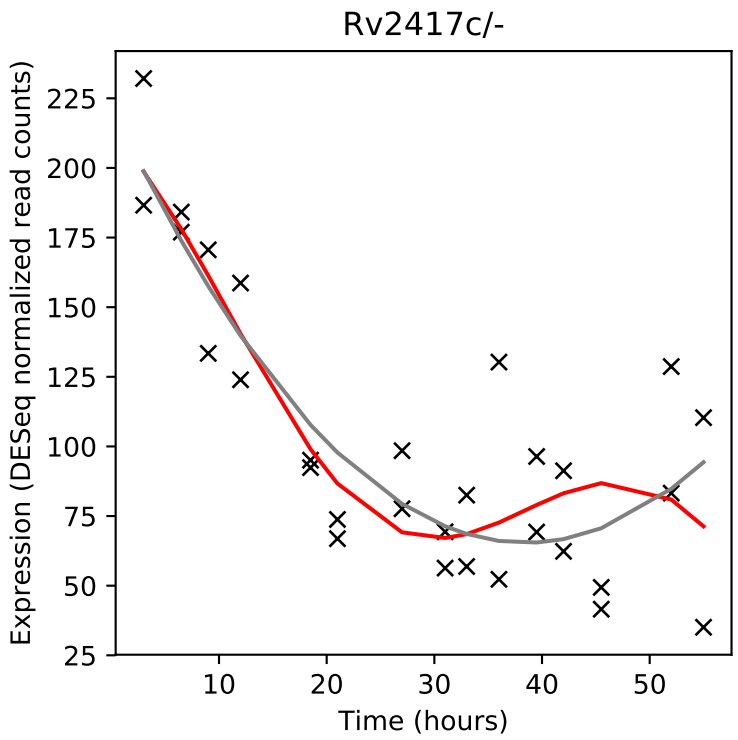

Rv2412/rpsT
Expression (DESeq normalized read counts)
Time (hours)

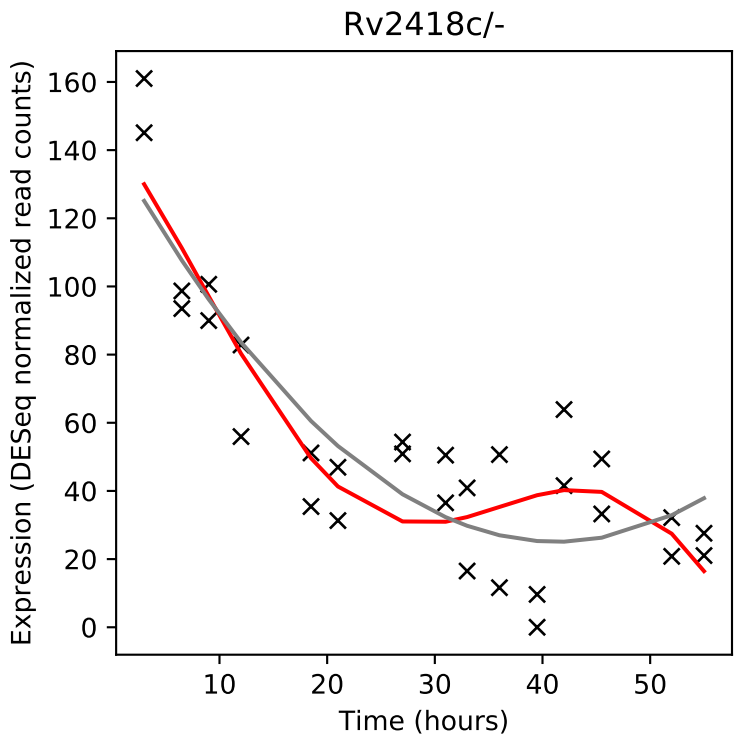

Rv2413c/-
Expression (DESeq normalized read counts)
Time (hours)

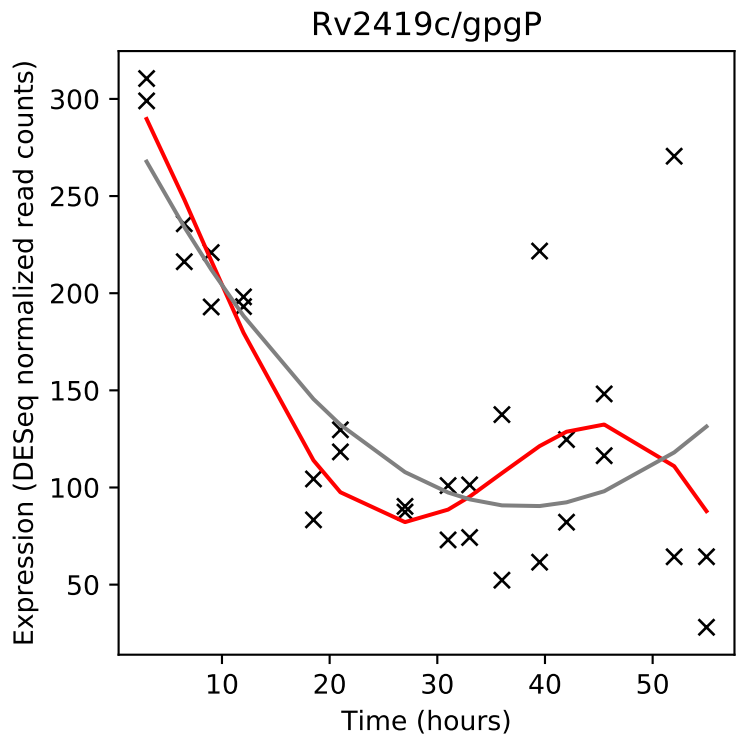

Rv2414c/-
Expression (DESeq normalized read counts)
Time (hours)

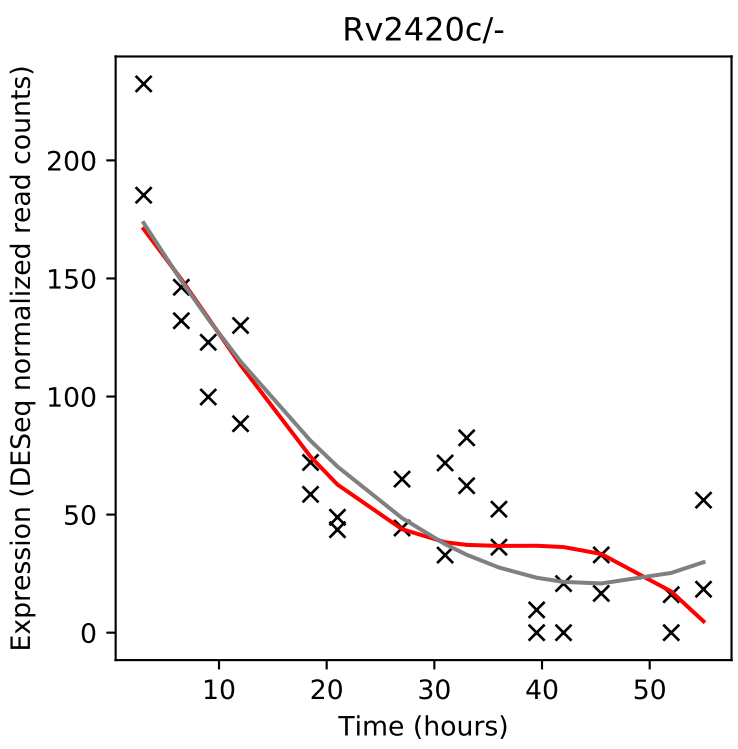

Rv2415c/-
Expression (DESeq normalized read counts)
Time (hours)

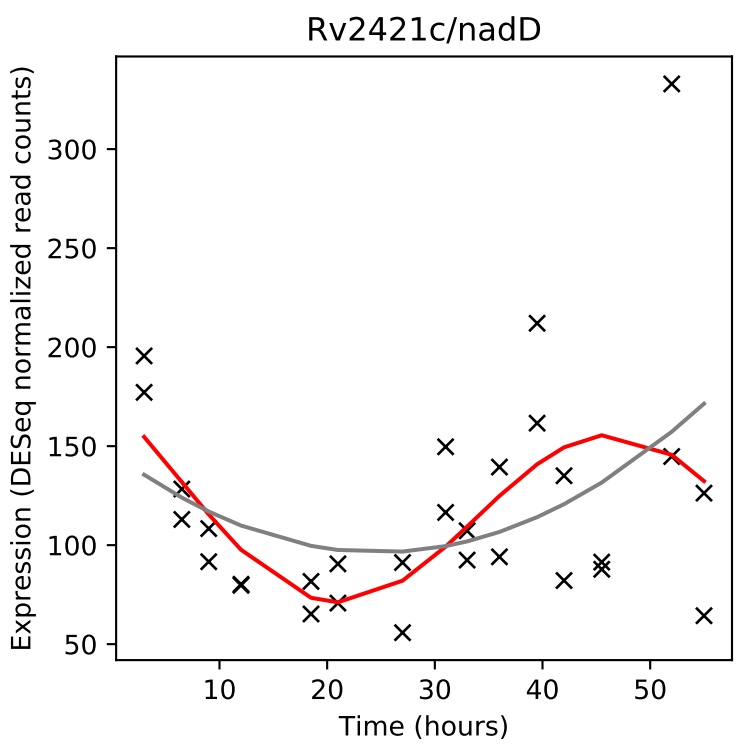

Rv2416c/eis
Expression (DESeq normalized read counts)
Time (hours)

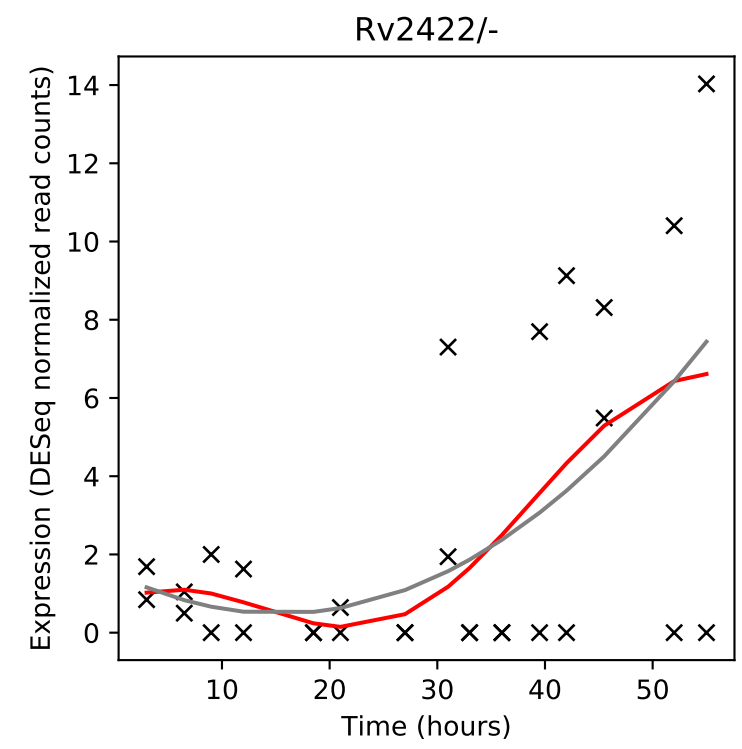

Rv2417c/-
Expression (DESeq normalized read counts)
Time (hours)

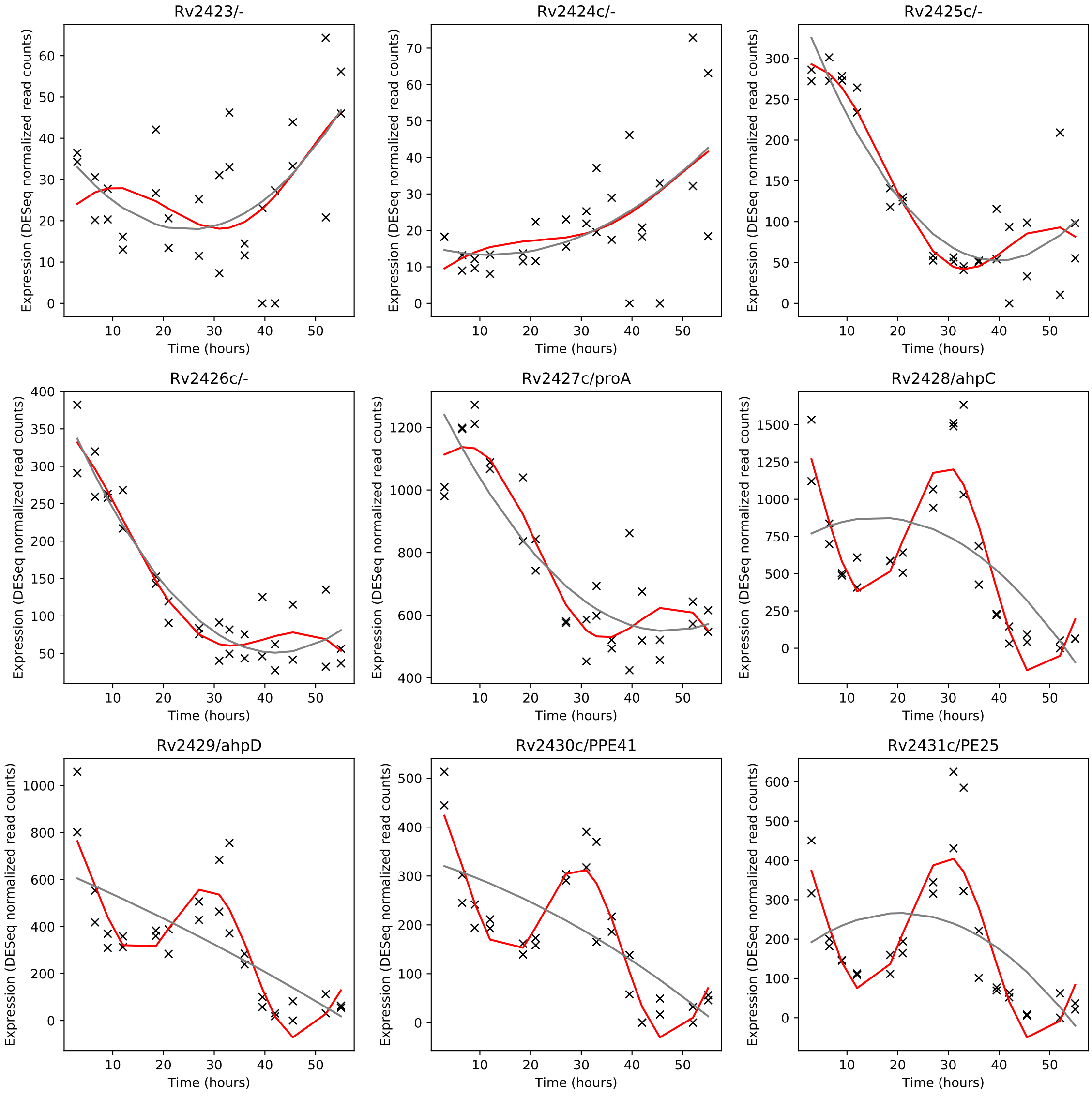

Rv2418c/-
Expression (DESeq normalized read counts)
Time (hours)

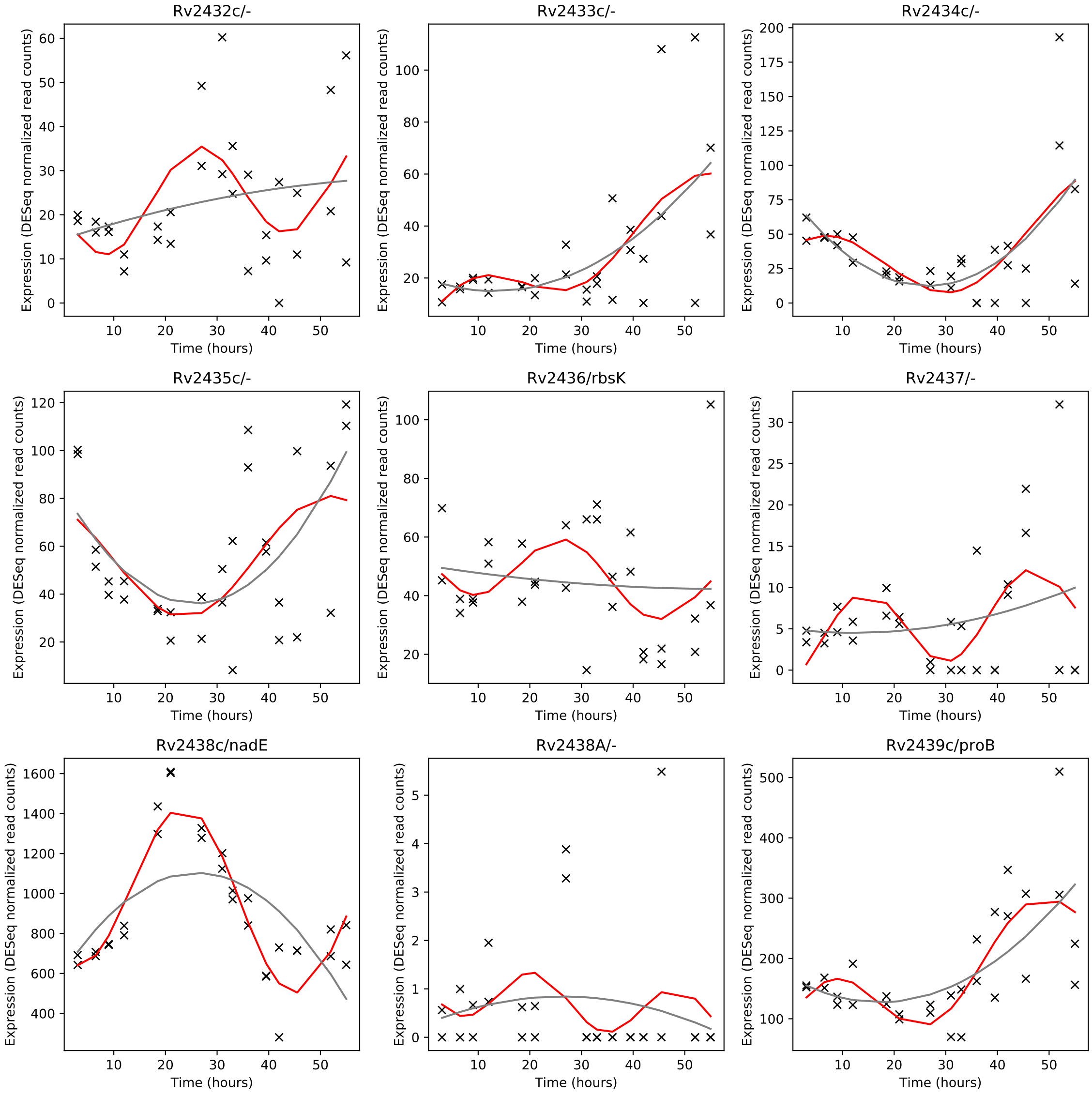

Rv2419c/gpgP
Expression (DESeq normalized read counts)
Time (hours)

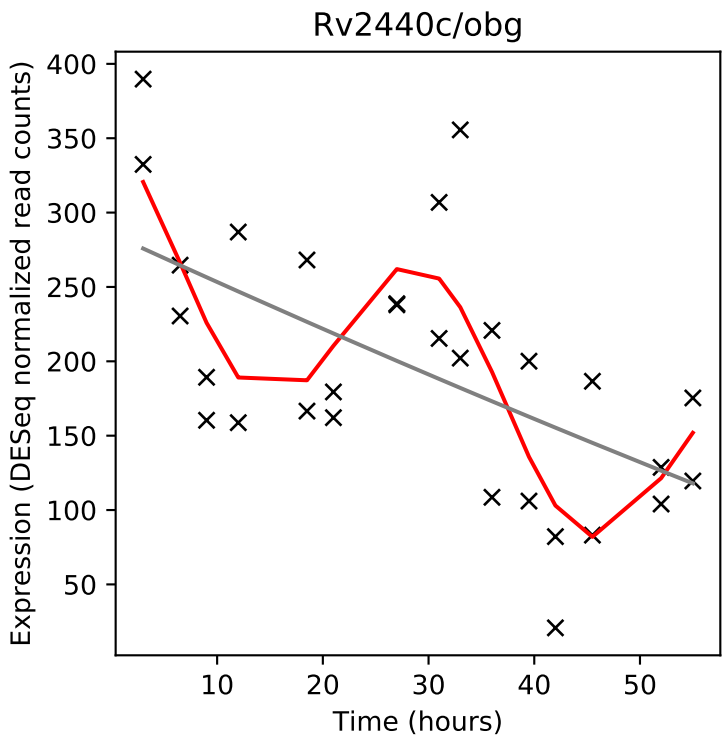

Rv2420c/-
Expression (DESeq normalized read counts)
Time (hours)

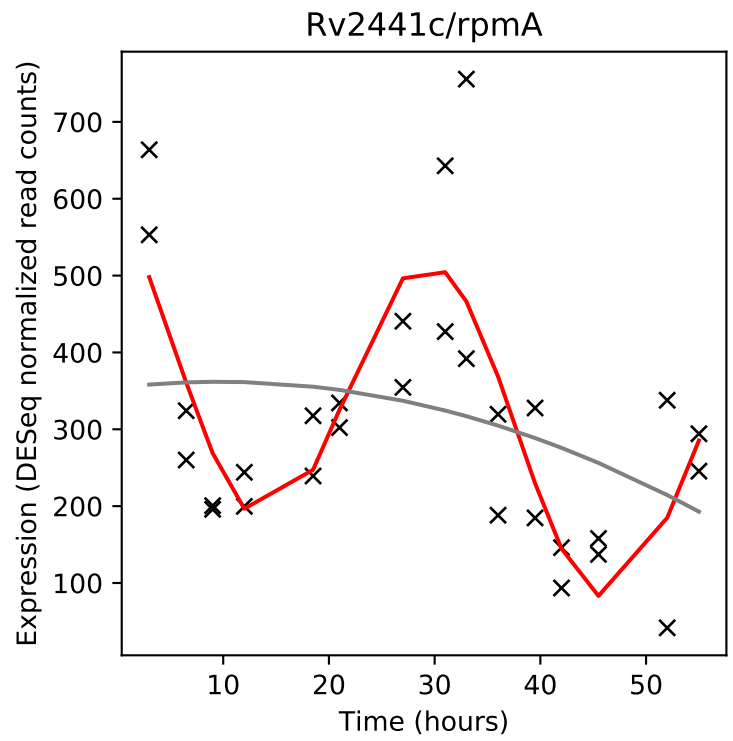

Rv2421c/nadD
Expression (DESeq normalized read counts)
Time (hours)

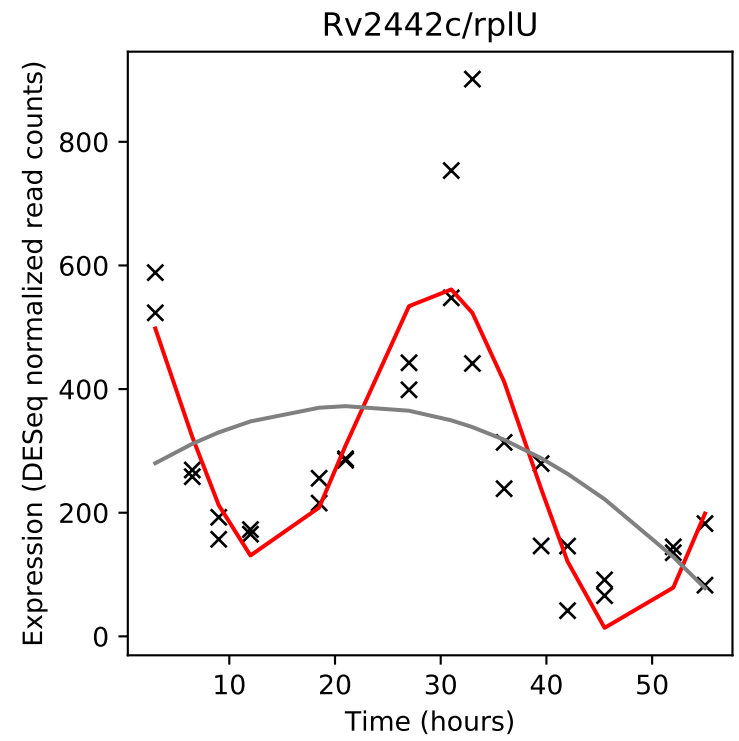

Rv2422/-
Expression (DESeq normalized read counts)
Time (hours)

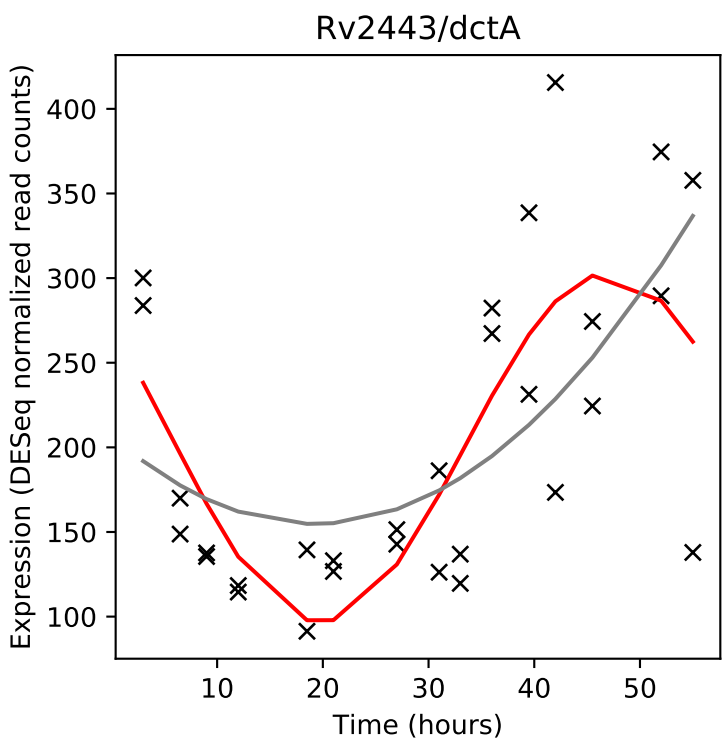

Rv2423/-
Rv2424c/-
Rv2425c/-
Rv2426c/-
Rv2427c/proA
Rv2428/ahpC
Rv2429/ahpD
Rv2430c/PPE41
Rv2431c/PE25
Expression (DESeq normalized read counts)
Time (hours)

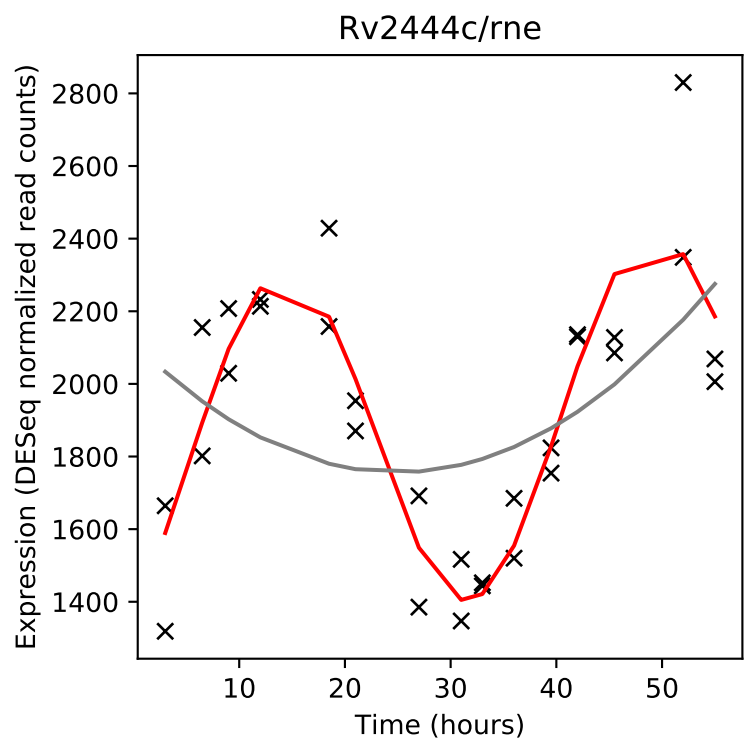

Rv2432c/-
Rv2433c/-
Rv2434c/-
Rv2435c/-
Rv2436/rbsK
Rv2437/-
Rv2438c/nadE
Rv2438A/-
Rv2439c/proB
Expression (DESeq normalized read counts)
Time (hours)

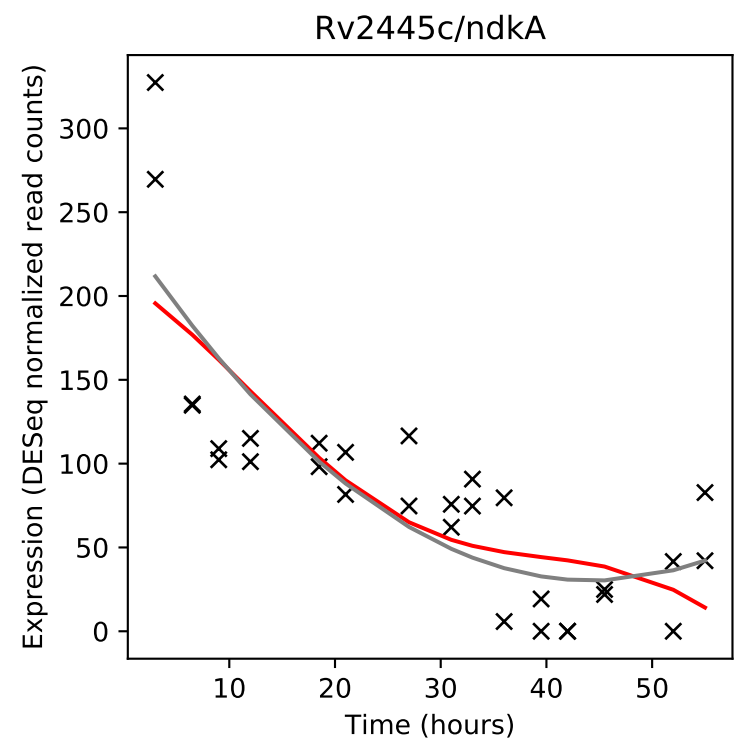

Rv2440c/obg
Expression (DESeq normalized read counts)
Time (hours)

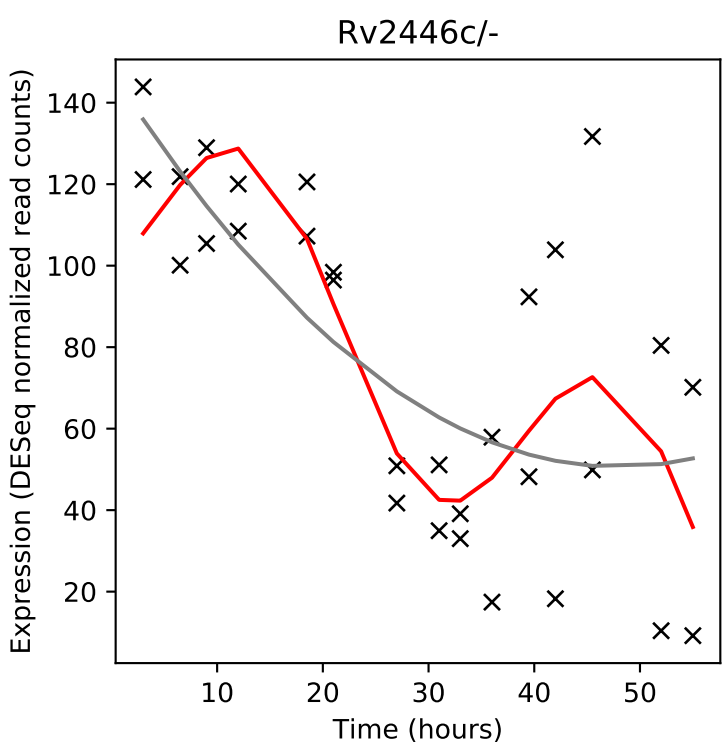

Rv2441c/rpmA
Expression (DESeq normalized read counts)
Time (hours)

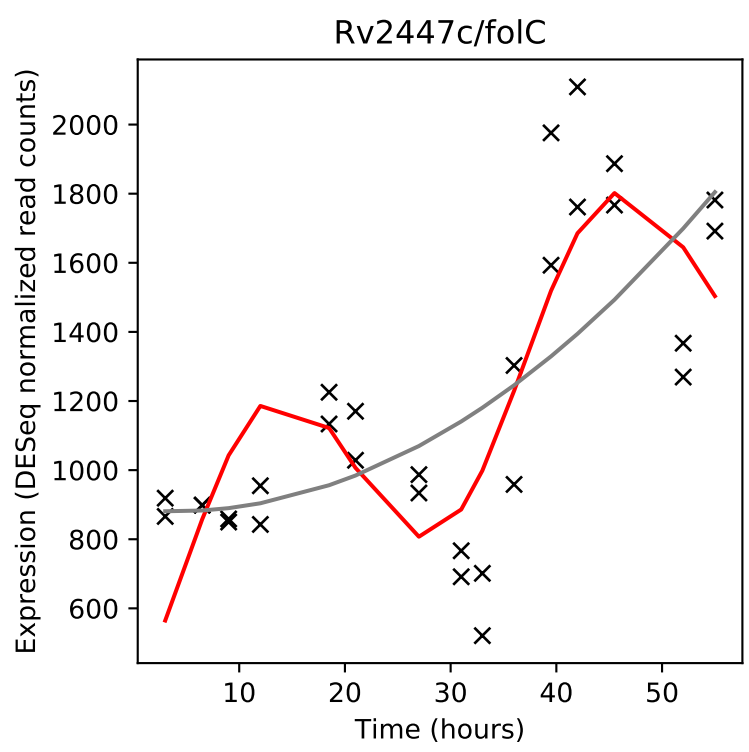

Rv2442c/rplU
Expression (DESeq normalized read counts)
Time (hours)

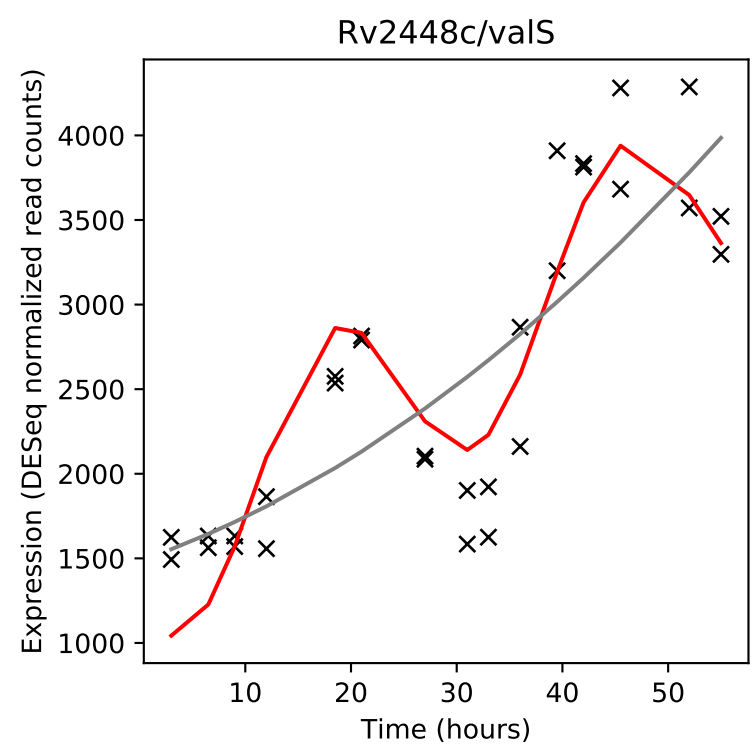

Rv2443/dctA
Expression (DESeq normalized read counts)
Time (hours)

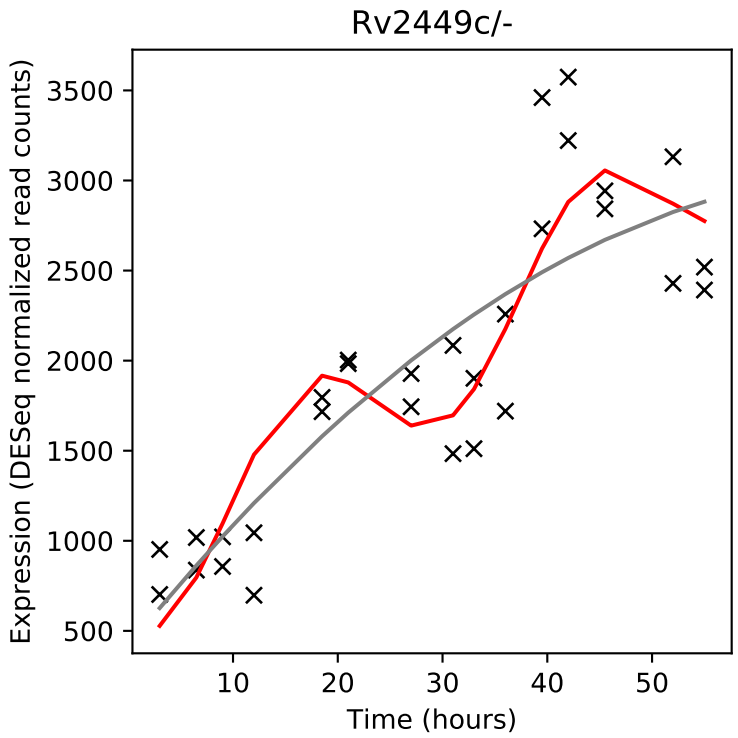

Rv2444c/rne
Expression (DESeq normalized read counts)
Time (hours)

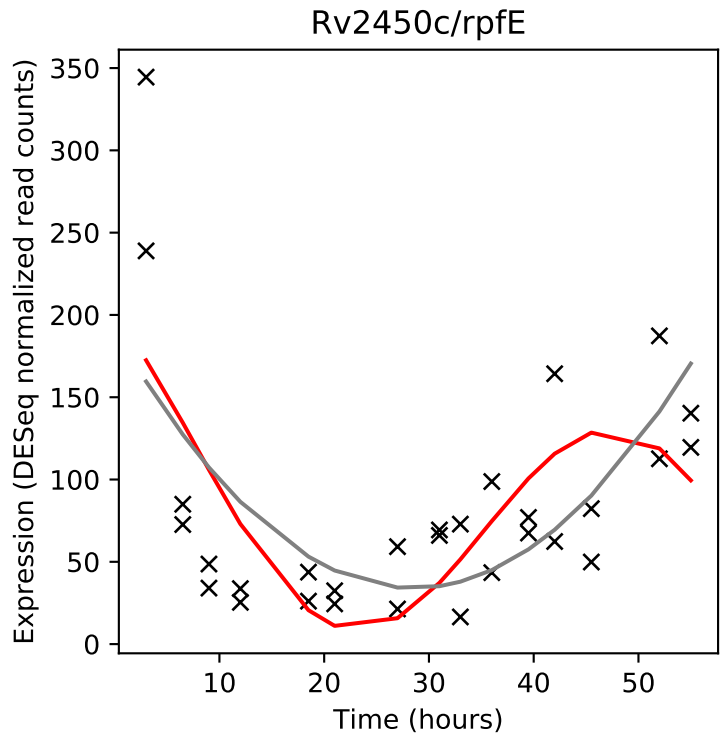

Rv2445c/ndkA
Expression (DESeq normalized read counts)
Time (hours)

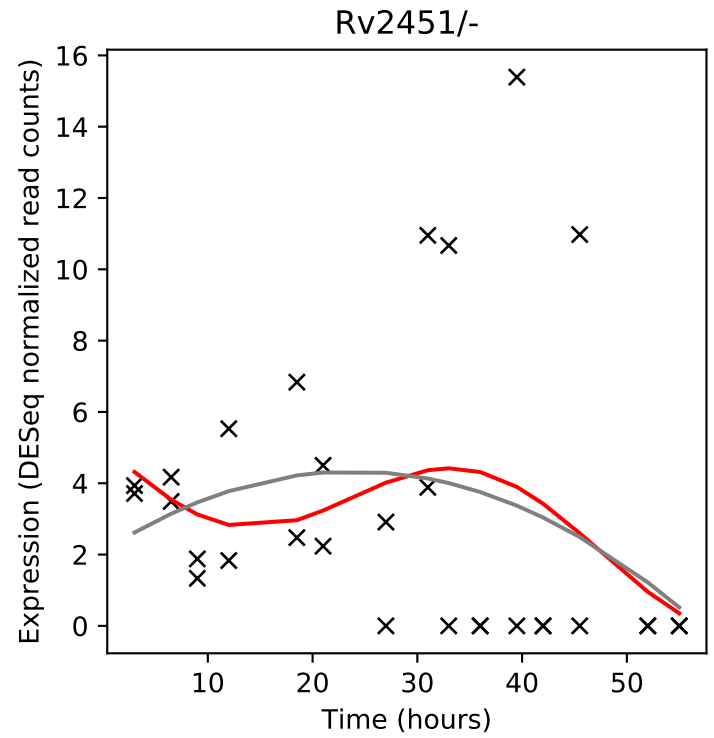

Rv2446c/-
Expression (DESeq normalized read counts)
Time (hours)

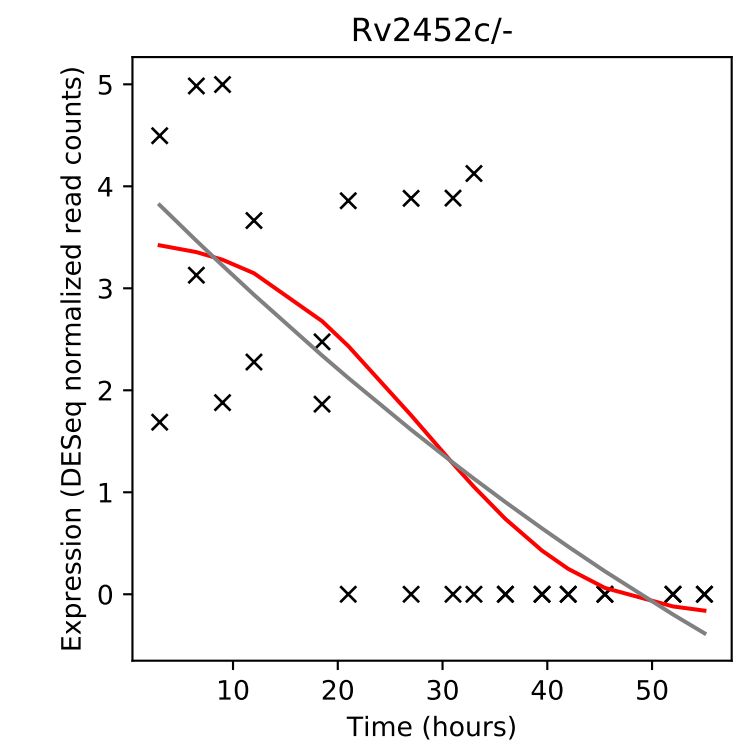

Rv2447c/folC
Expression (DESeq normalized read counts)
Time (hours)

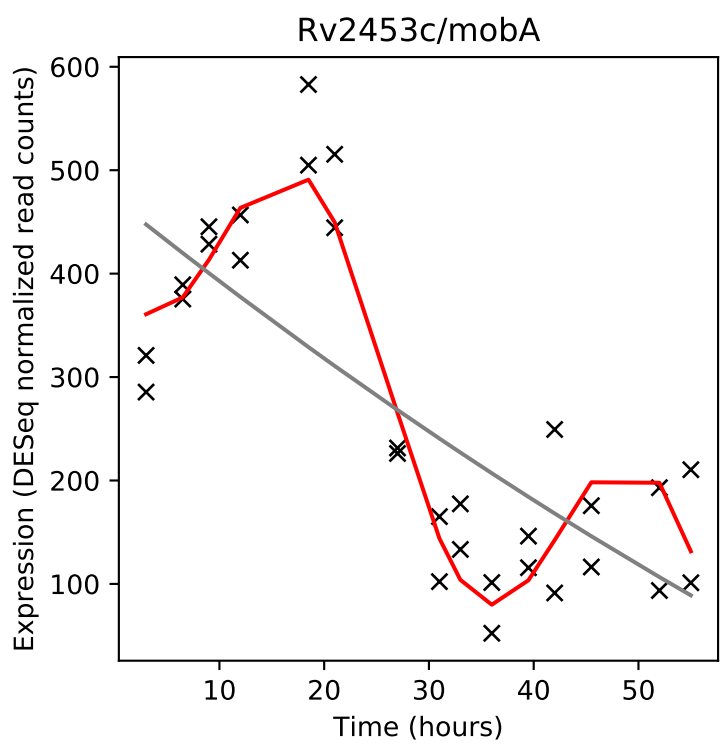

Rv2448c/valS
Expression (DESeq normalized read counts)
Time (hours)

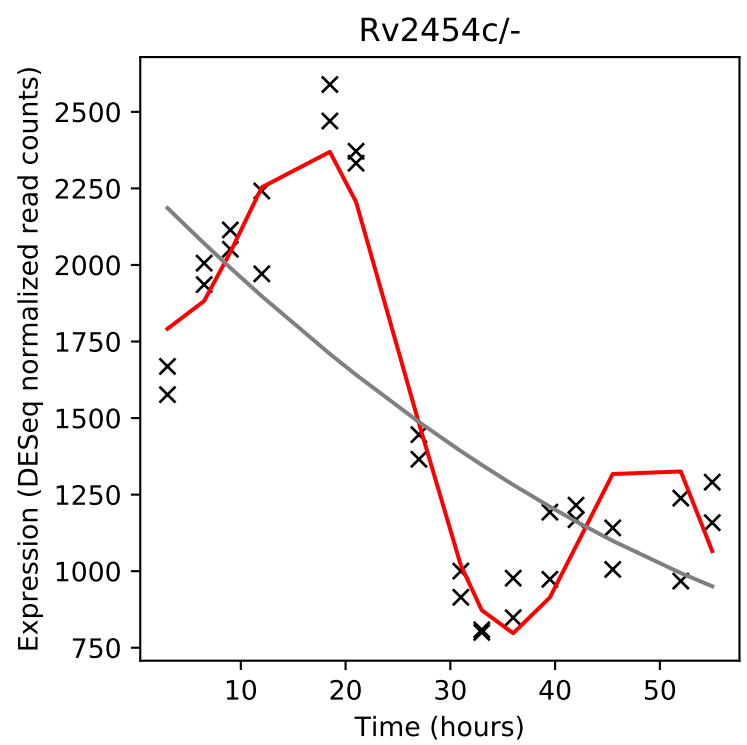

Rv2449c/-
Expression (DESeq normalized read counts)
Time (hours)

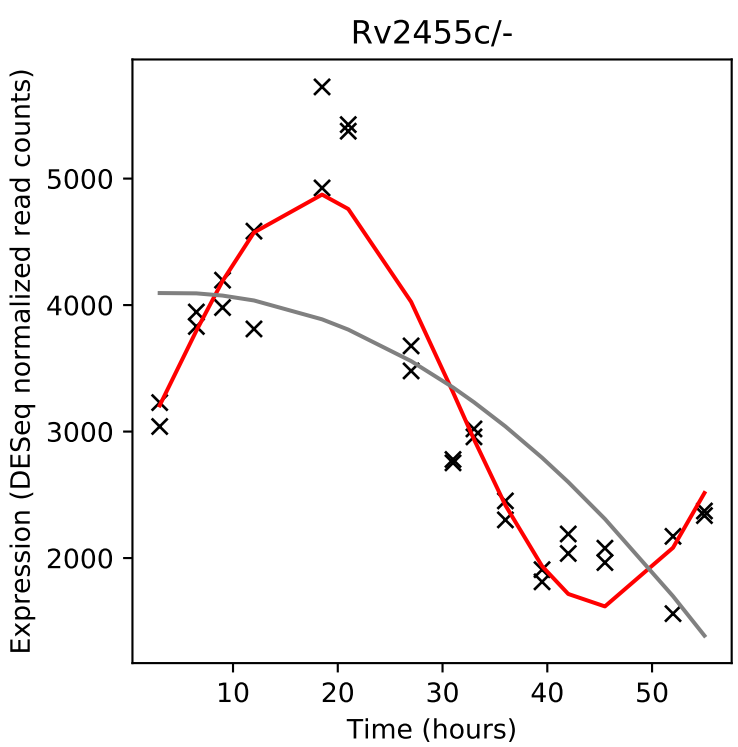

Rv2450c/rpfE
Expression (DESeq normalized read counts)
Time (hours)

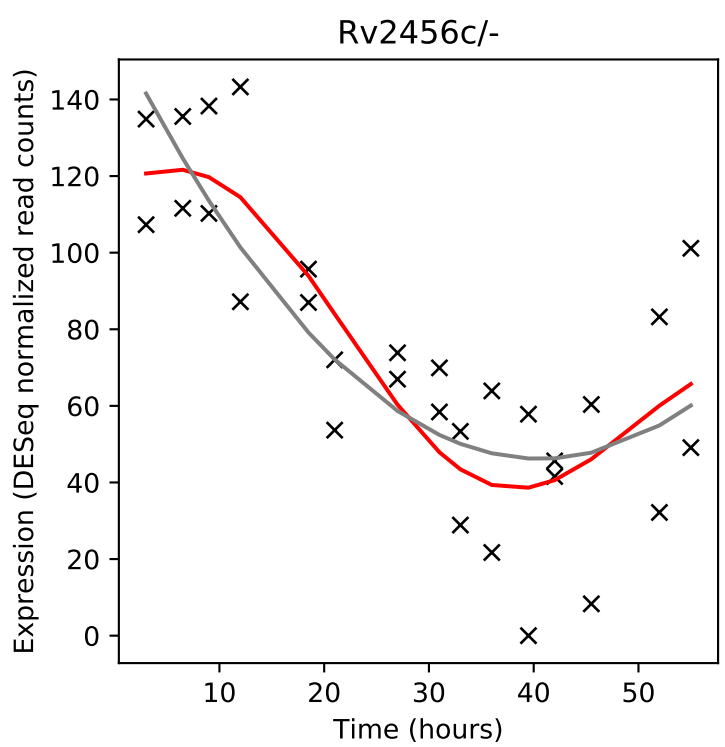

Rv2451/-
Expression (DESeq normalized read counts)
Time (hours)

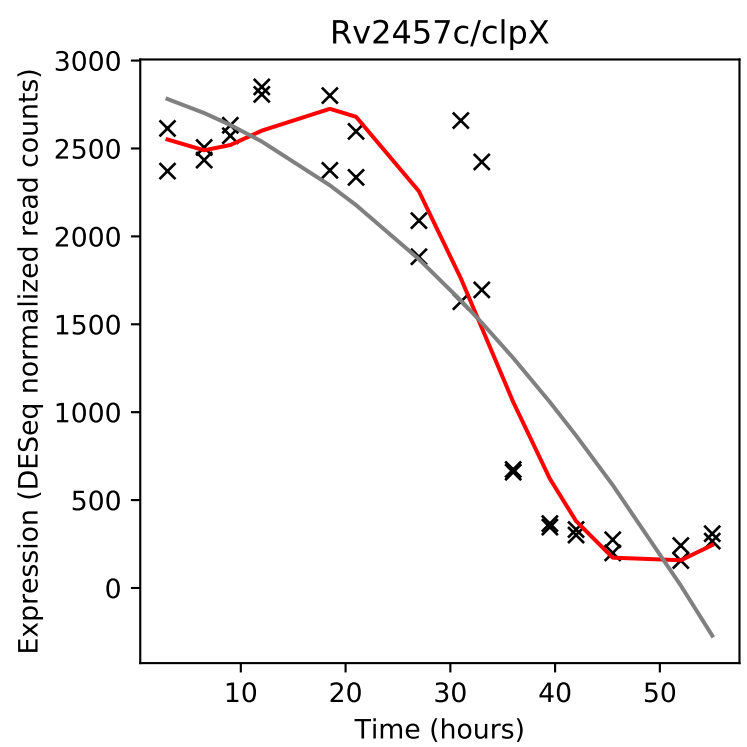

Rv2452c/-
Expression (DESeq normalized read counts)
Time (hours)

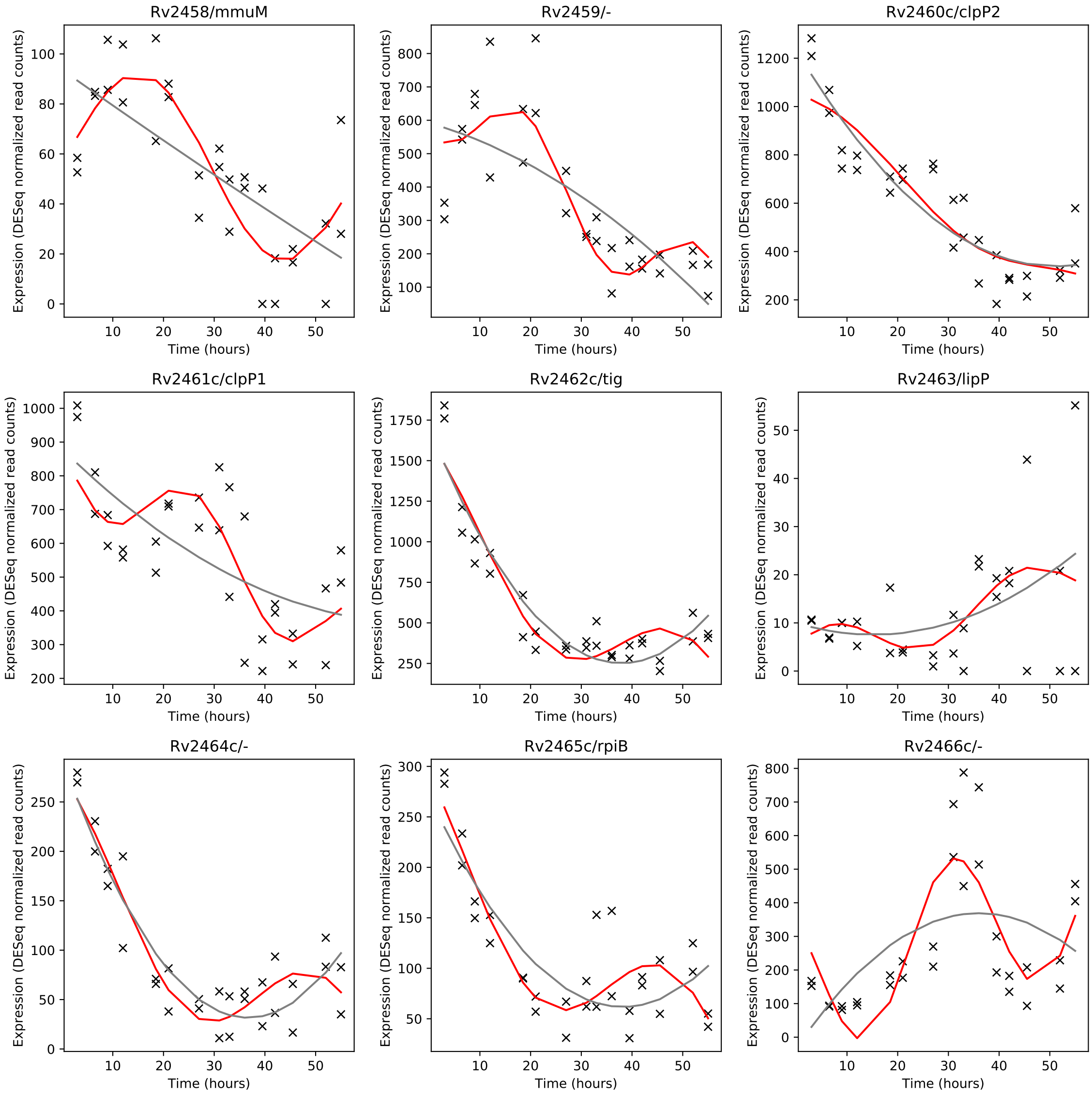

Rv2453c/mobA
Expression (DESeq normalized read counts)
Time (hours)

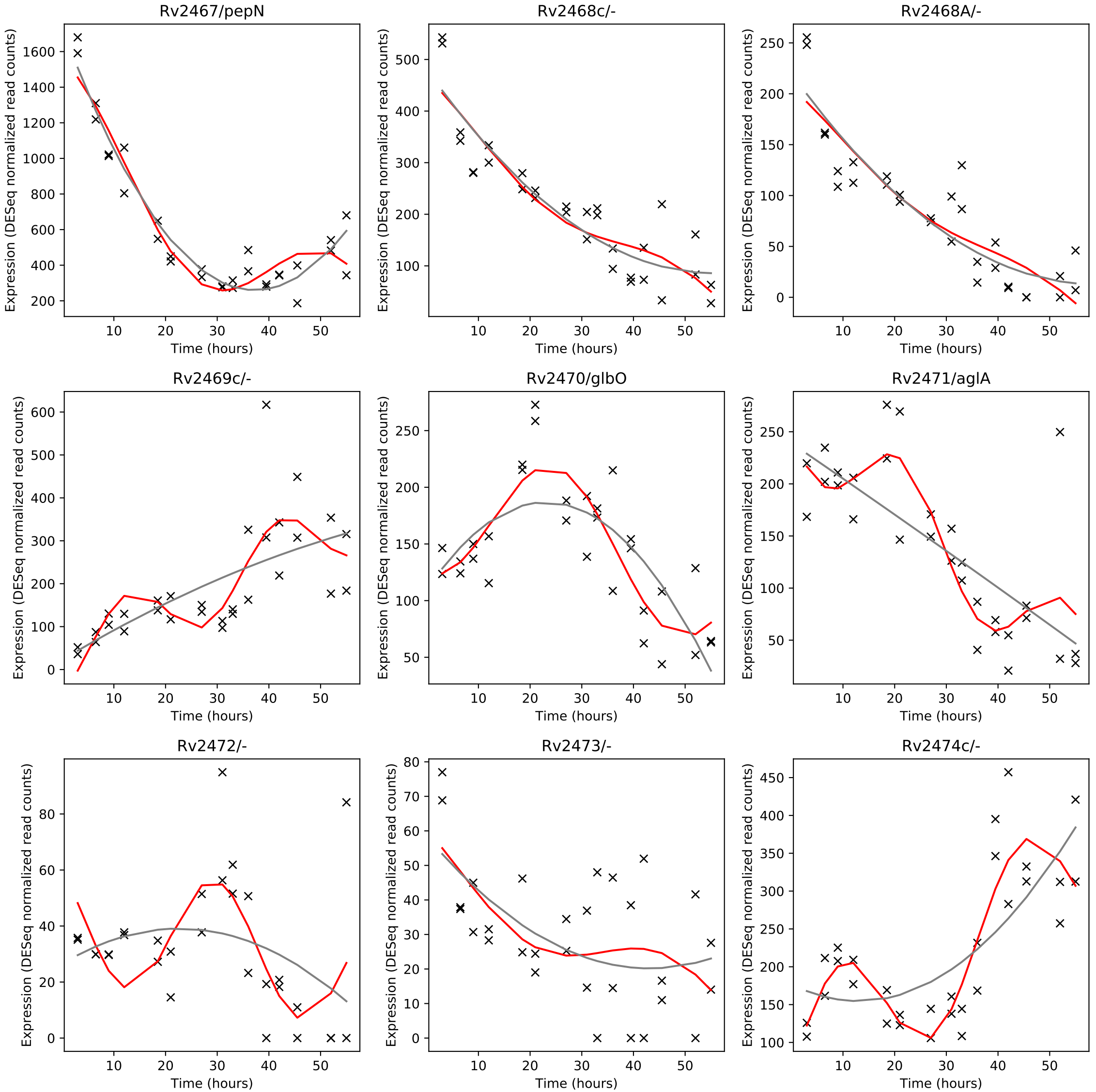

Rv2454c/-
Expression (DESeq normalized read counts)
Time (hours)

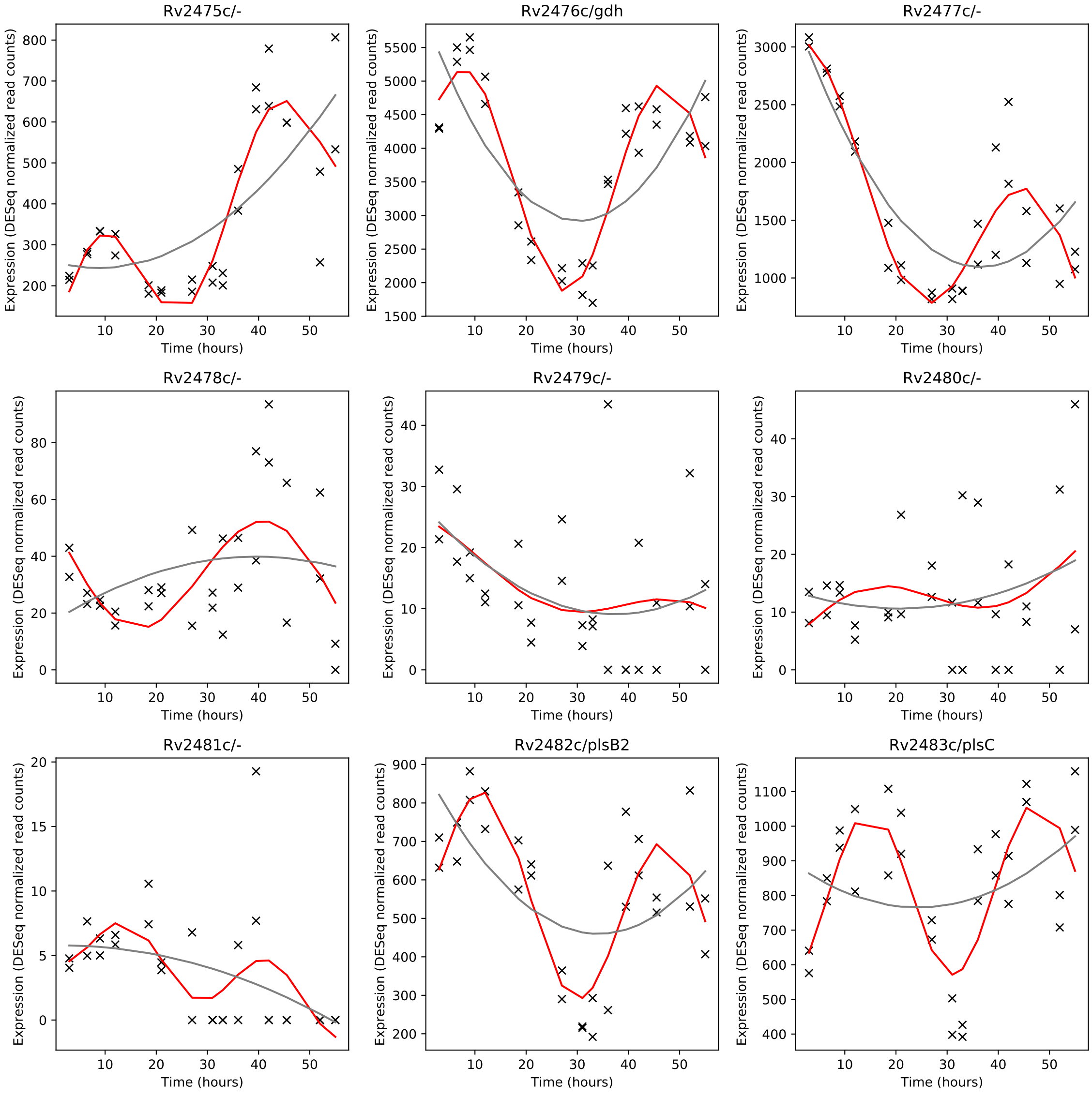

Rv2455c/-
Expression (DESeq normalized read counts)
Time (hours)

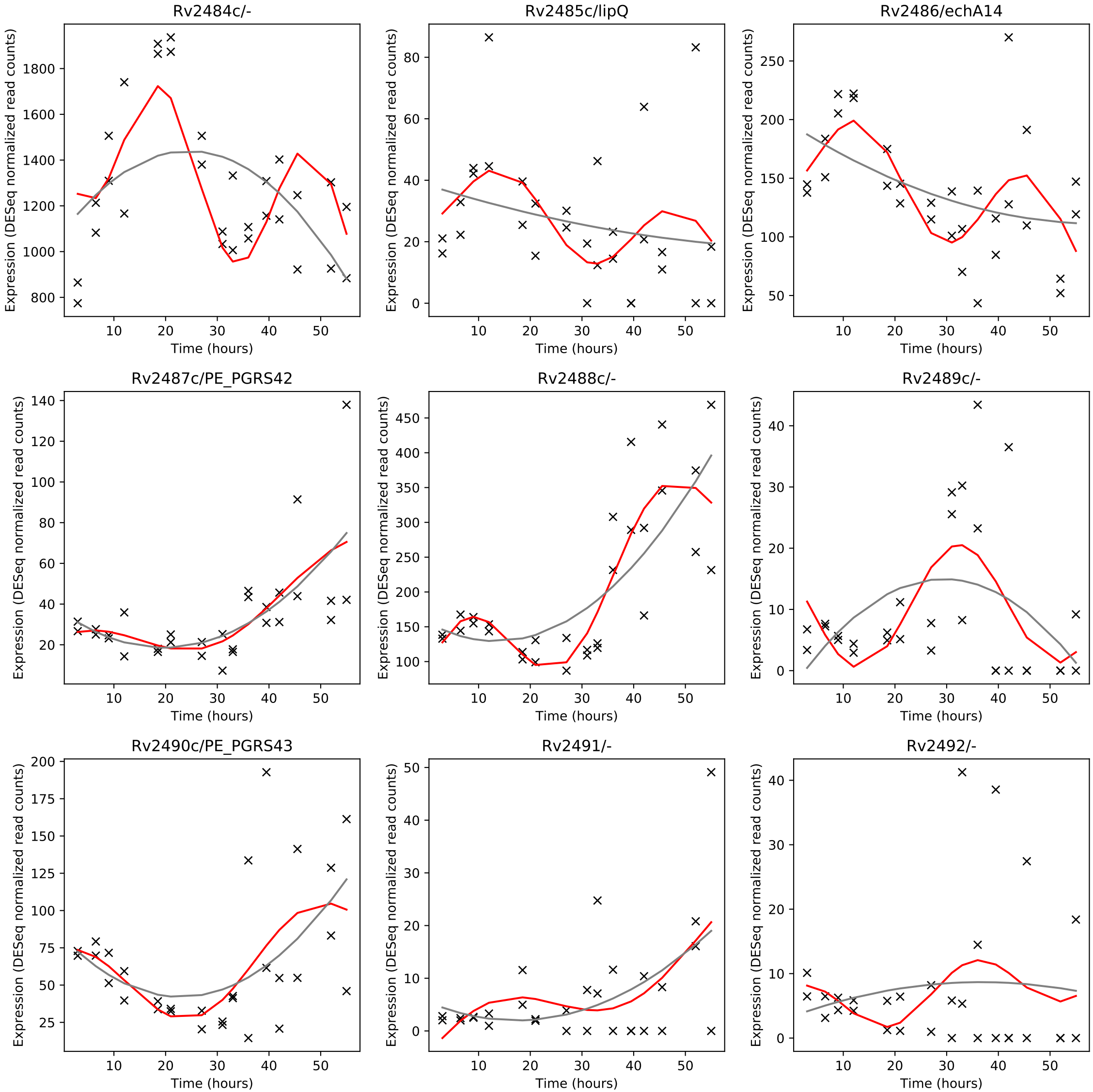

Rv2456c/-
Expression (DESeq normalized read counts)
Time (hours)

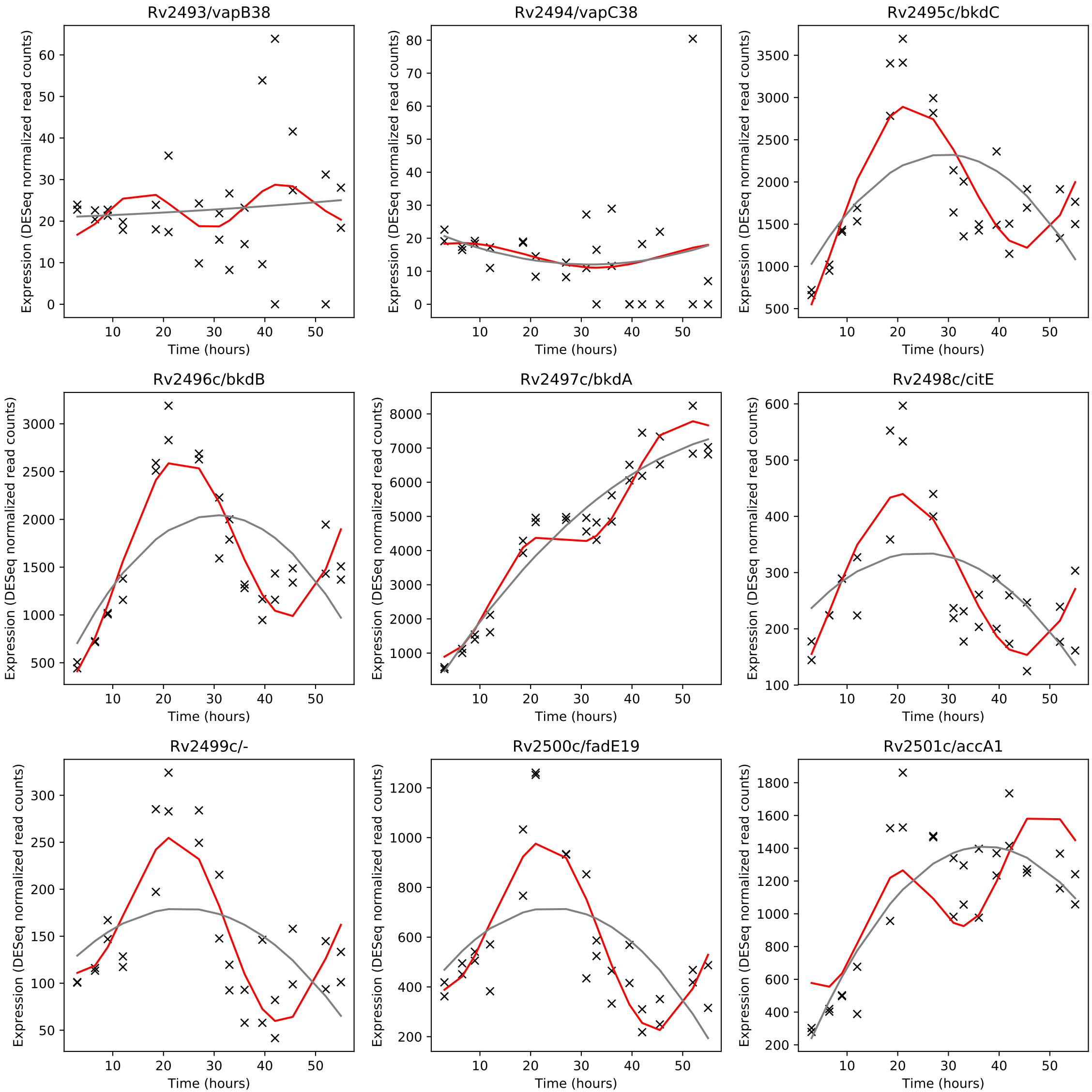

Rv2457c/clpX
Expression (DESeq normalized read counts)
Time (hours)

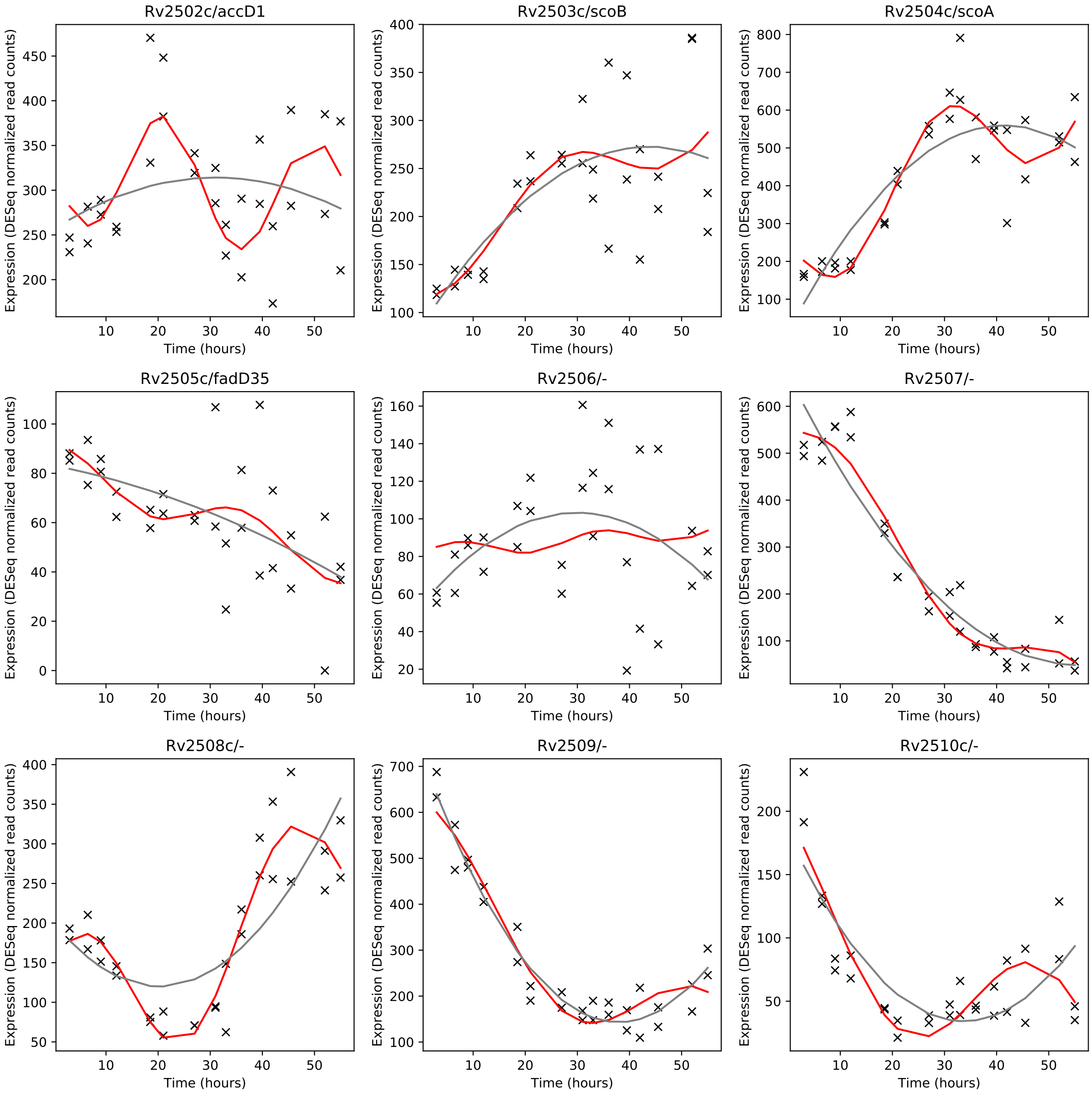

Rv2458/mmuM
Rv2459/-
Rv2460c/clpP2
Rv2461c/clpP1
Rv2462c/tig
Rv2463/lipP
Rv2464c/-
Rv2465c/rpiB
Rv2466c/-
Expression (DESeq normalized read counts)
Time (hours)

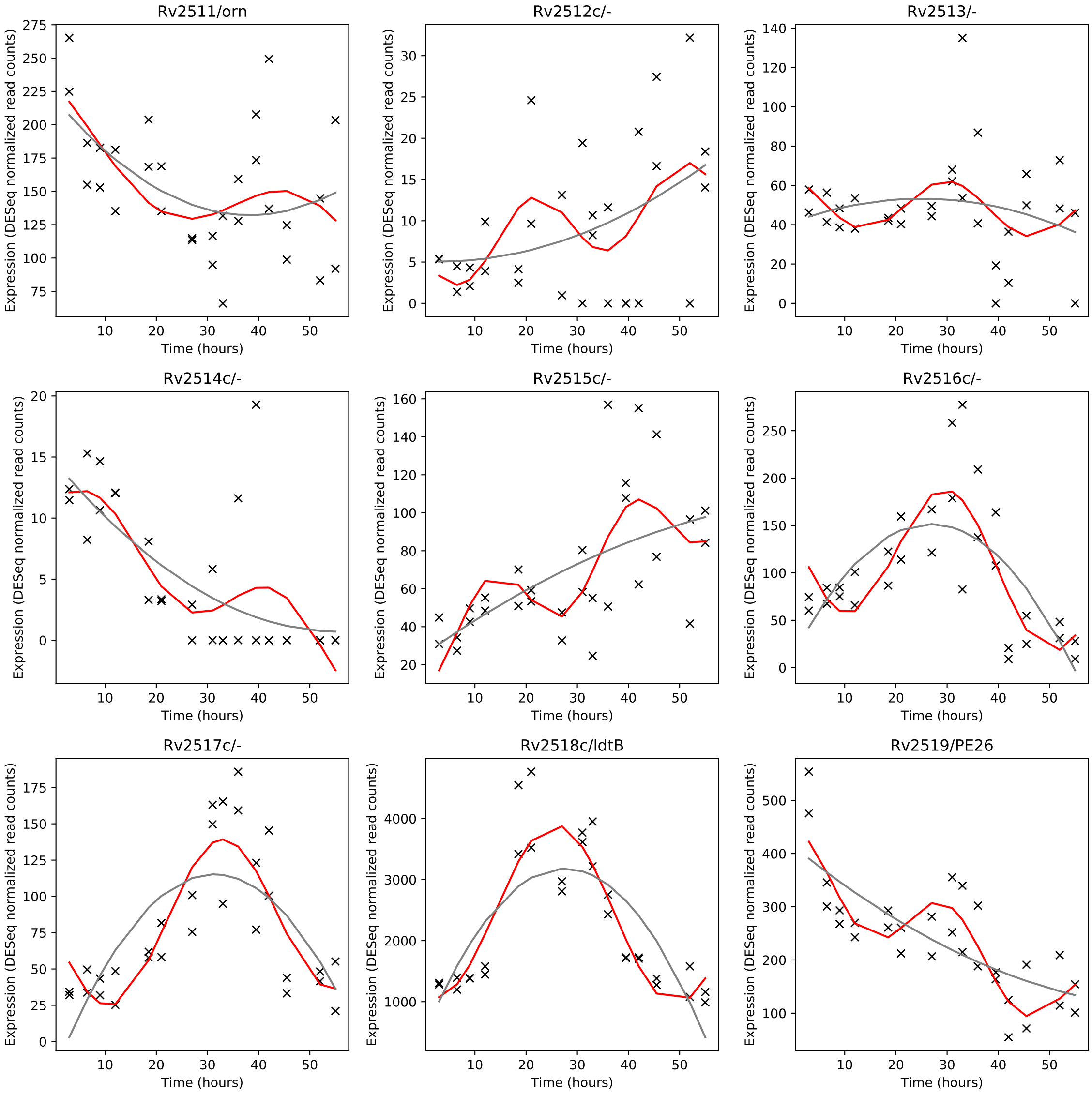

Rv2467/pepN
Rv2468c/-
Rv2468A/-
Rv2469c/-
Rv2470/glbO
Rv2471/aglA
Rv2472/-
Rv2473/-
Rv2474c/-
Expression (DESeq normalized read counts)
Time (hours)

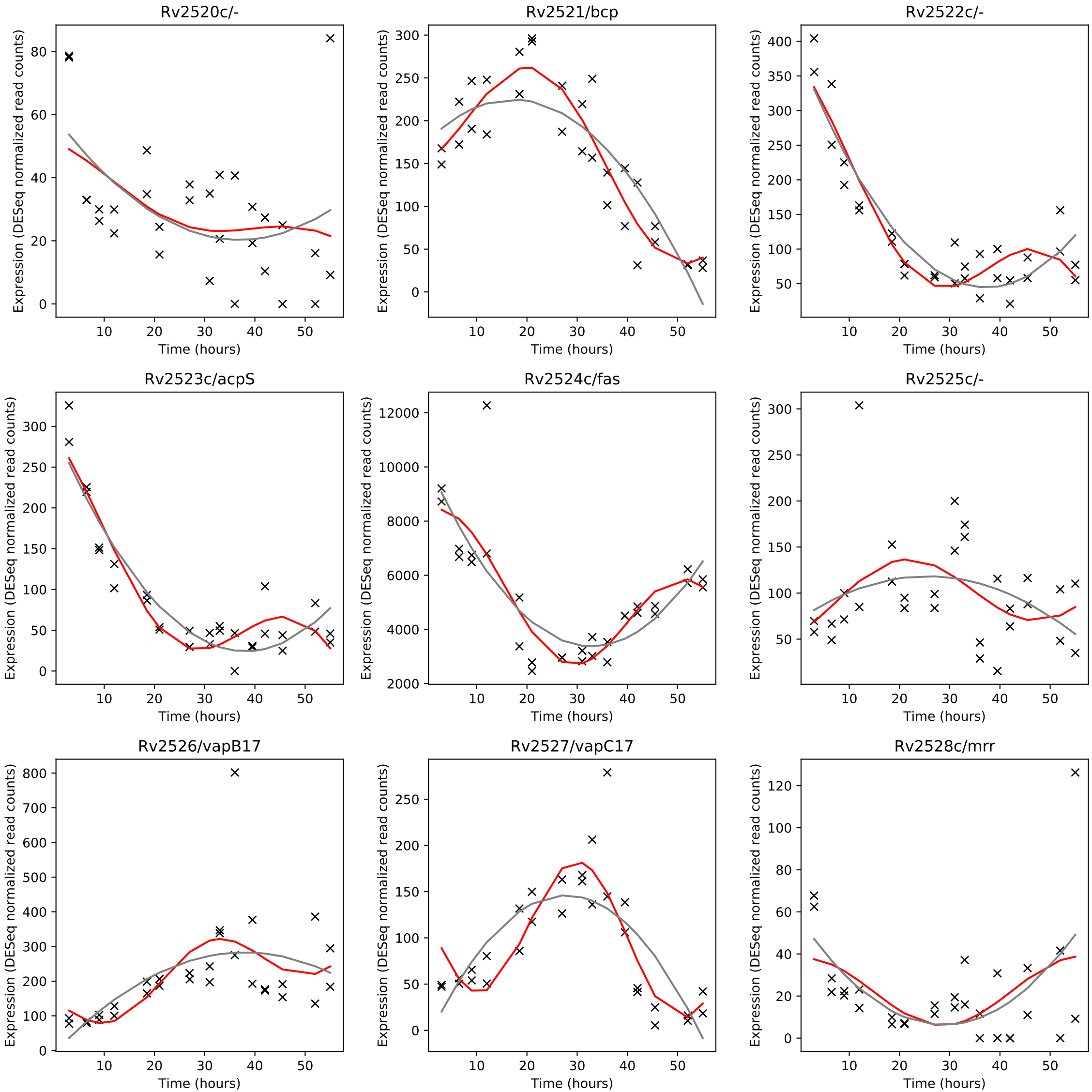

Rv2475c/-
Rv2476c/gdh
Rv2477c/-
Rv2478c/-
Rv2479c/-
Rv2480c/-
Rv2481c/-
Rv2482c/plsB2
Rv2483c/plsC
Expression (DESeq normalized read counts)
Time (hours)

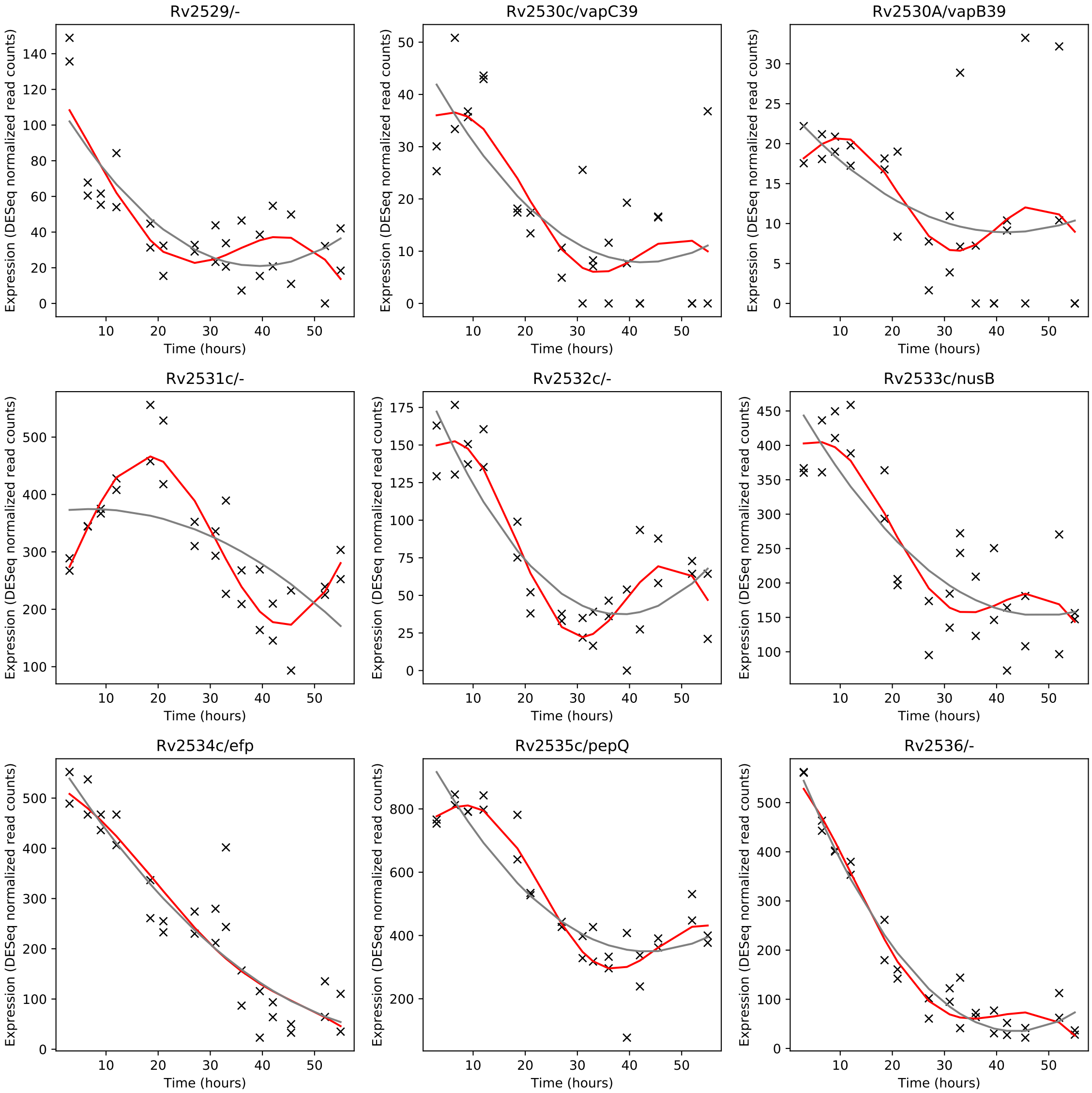

Rv2484c/-
Rv2485c/lipQ
Rv2486/echA14
Rv2487c/PE_PGRS42
Rv2488c/-
Rv2489c/-
Rv2490c/PE_PGRS43
Rv2491/-
Rv2492/-
Expression (DESeq normalized read counts)
Time (hours)

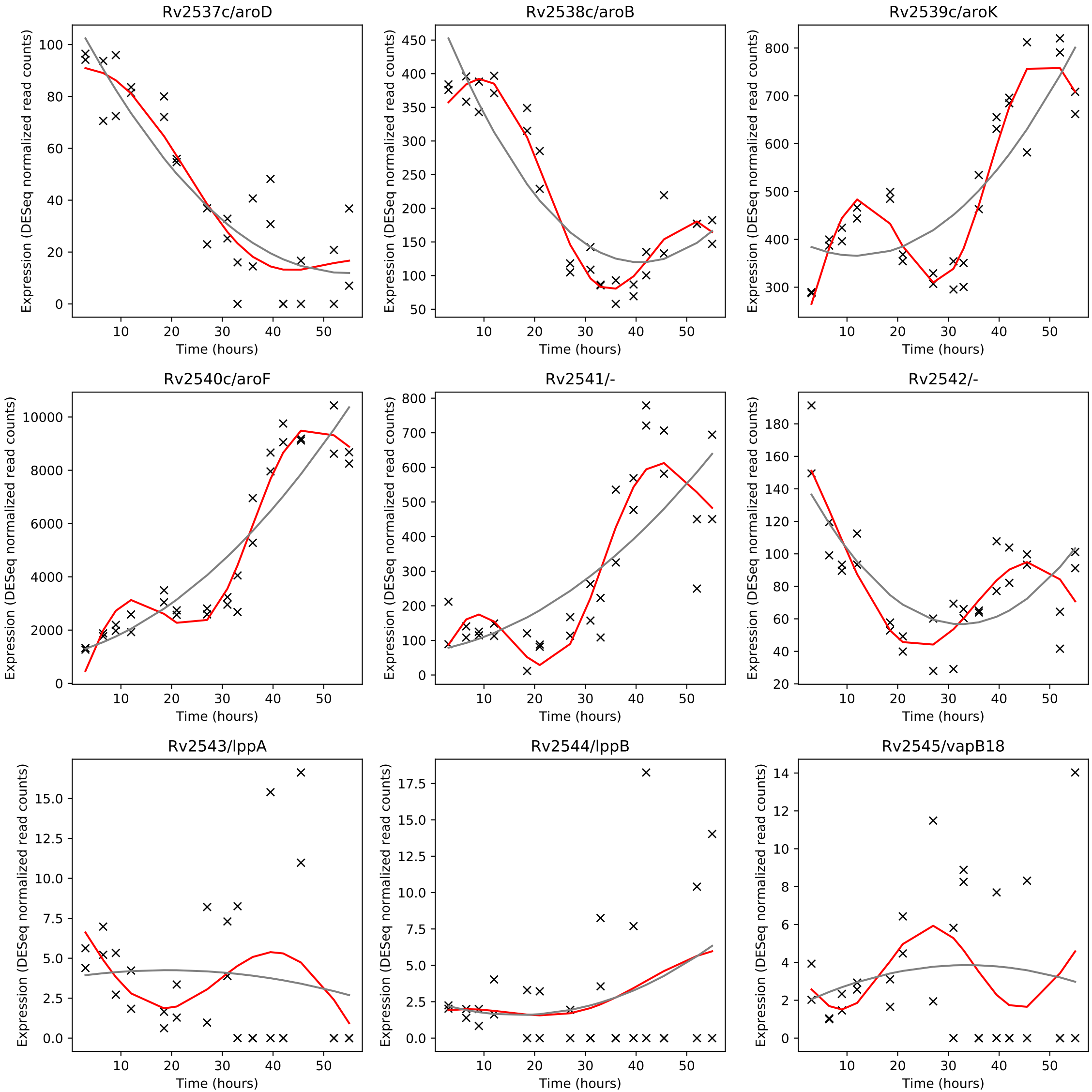

Rv2493/vapB38
Rv2494/vapC38
Rv2495c/bkdC
Rv2496c/bkdB
Rv2497c/bkdA
Rv2498c/citE
Rv2499c/-
Rv2500c/fadE19
Rv2501c/accA1
Expression (DESeq normalized read counts)
Time (hours)

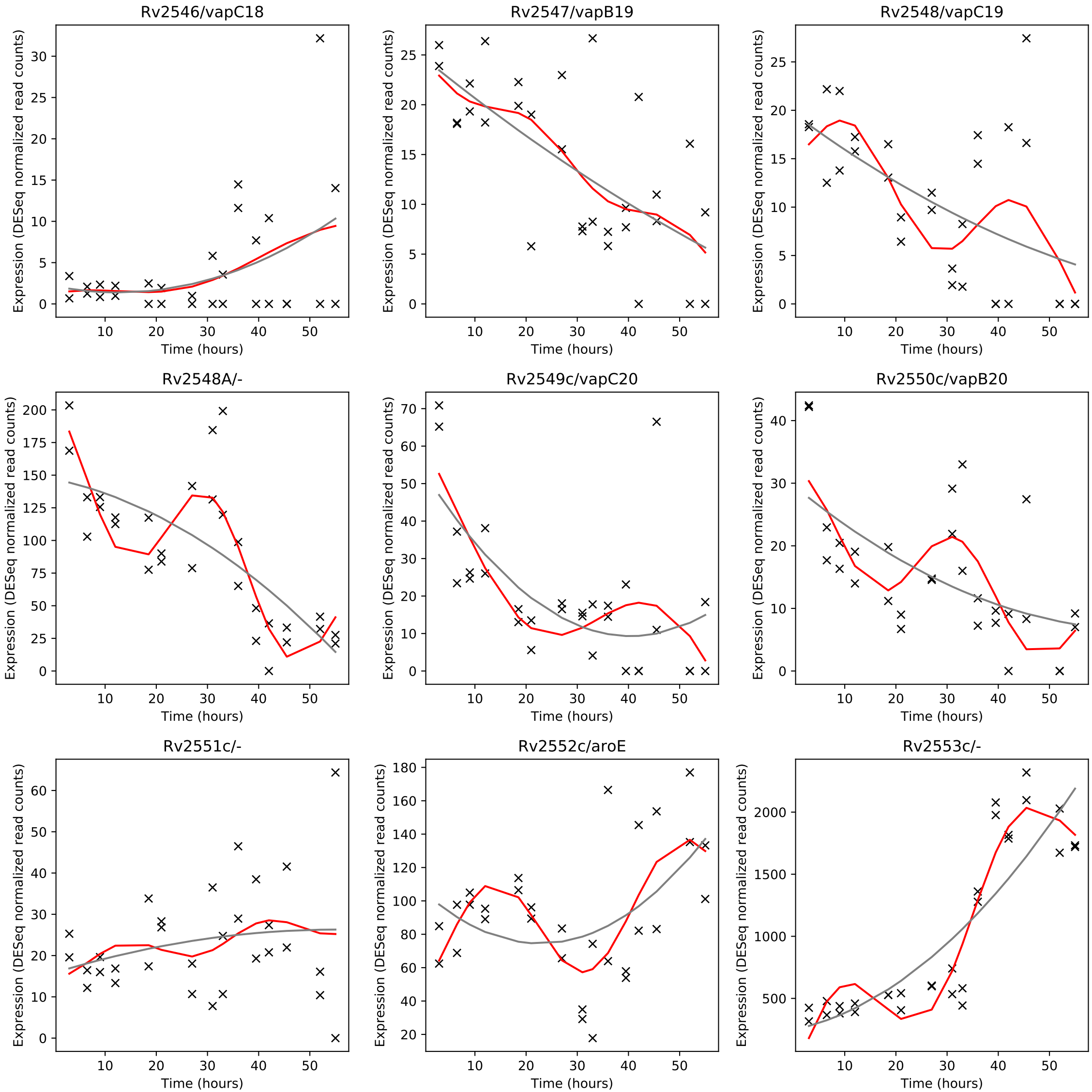

Rv2502c/accD1
Rv2503c/scoB
Rv2504c/scoA
Rv2505c/fadD35
Rv2506/-
Rv2507/-
Rv2508c/-
Rv2509/-
Rv2510c/-
Expression (DESeq normalized read counts)
Time (hours)

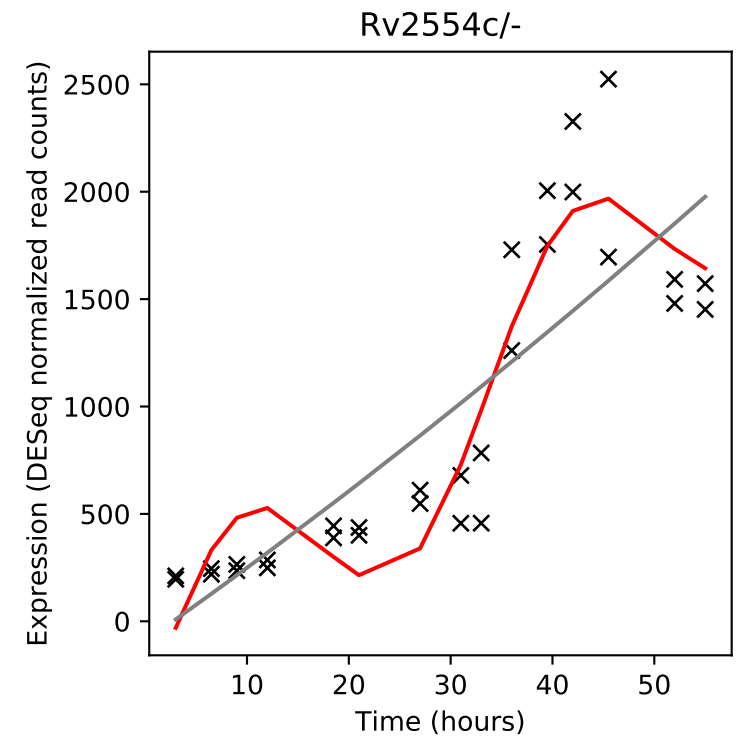

Rv2511/orn
Rv2512c/-
Rv2513/-
Rv2514c/-
Rv2515c/-
Rv2516c/-
Rv2517c/-
Rv2518c/ldtB
Rv2519/PE26
Expression (DESeq normalized read counts)
Time (hours)

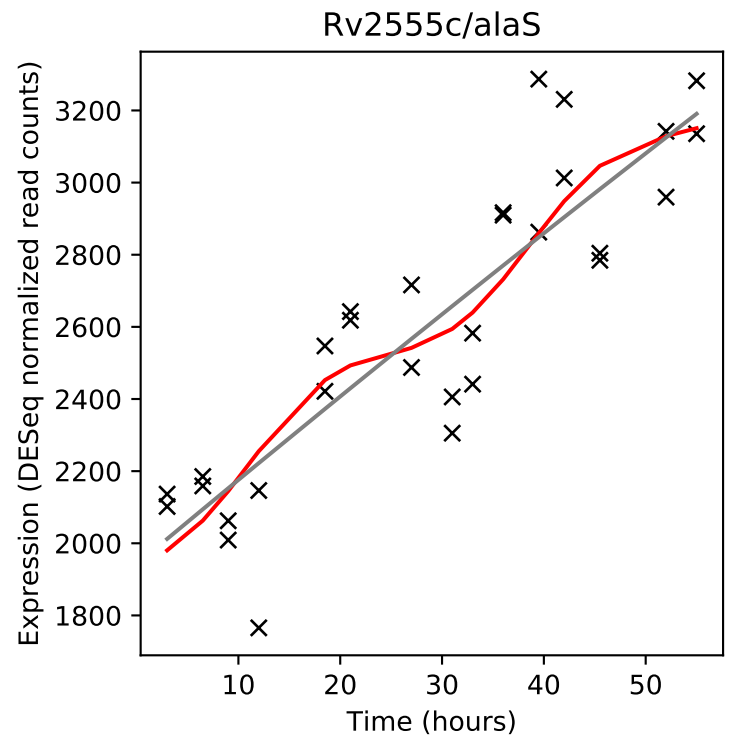

Rv2520c/-
Rv2521/bcp
Rv2522c/-
Rv2523c/acpS
Rv2524c/fas
Rv2525c/-
Rv2526/vapB17
Rv2527/vapC17
Rv2528c/mrr
Expression (DESeq normalized read counts)
Time (hours)

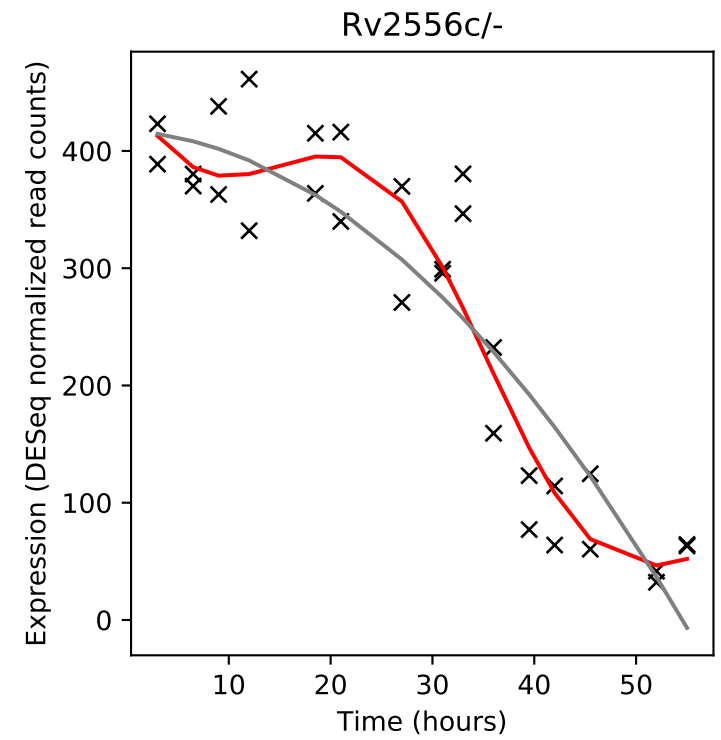

Rv2529/-
Rv2530c/vapC39
Rv2530A/vapB39
Rv2531c/-
Rv2532c/-
Rv2533c/nusB
Rv2534c/efp
Rv2535c/pepQ
Rv2536/-
Expression (DESeq normalized read counts)
Time (hours)

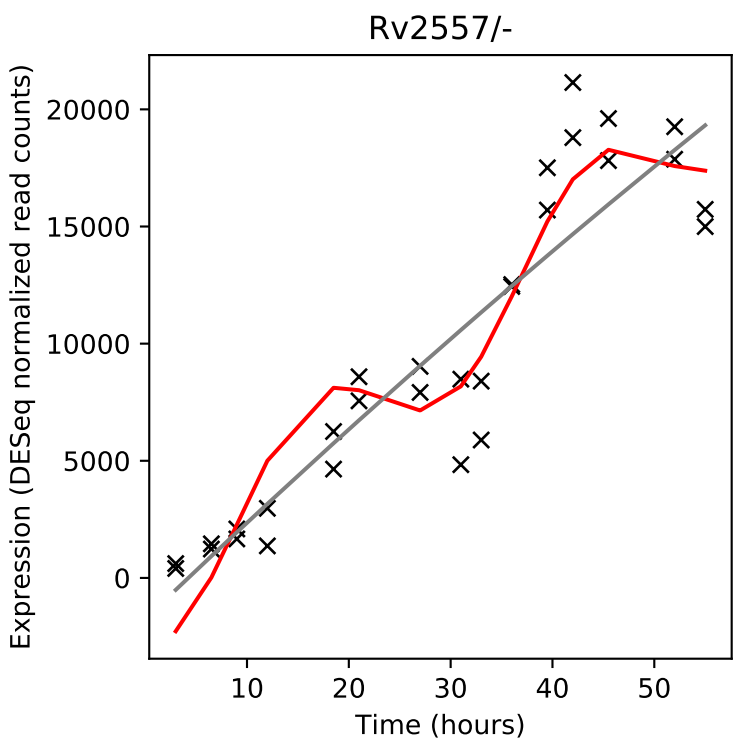

Rv2537c/aroD
Rv2538c/aroB
Rv2539c/aroK
Rv2540c/aroF
Rv2541/-
Rv2542/-
Rv2543/lppA
Rv2544/lppB
Rv2545/vapB18
Expression (DESeq normalized read counts)
Time (hours)

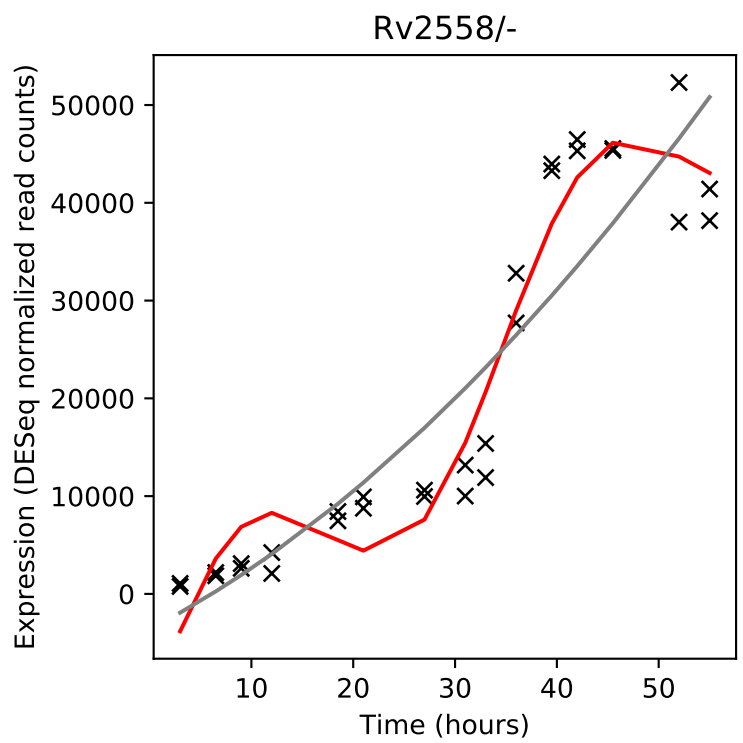

Rv2546/vapC18
Rv2547/vapB19
Rv2548/vapC19
Rv2548A/-
Rv2549c/vapC20
Rv2550c/vapB20
Rv2551c/-
Rv2552c/aroE
Rv2553c/-
Expression (DESeq normalized read counts)
Time (hours)

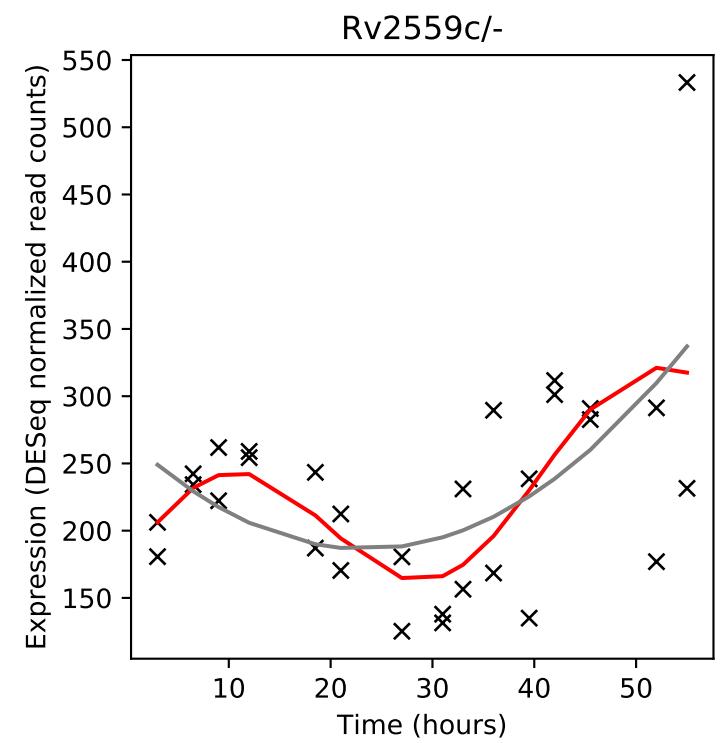

Rv2554c/-
Expression (DESeq normalized read counts)
Time (hours)

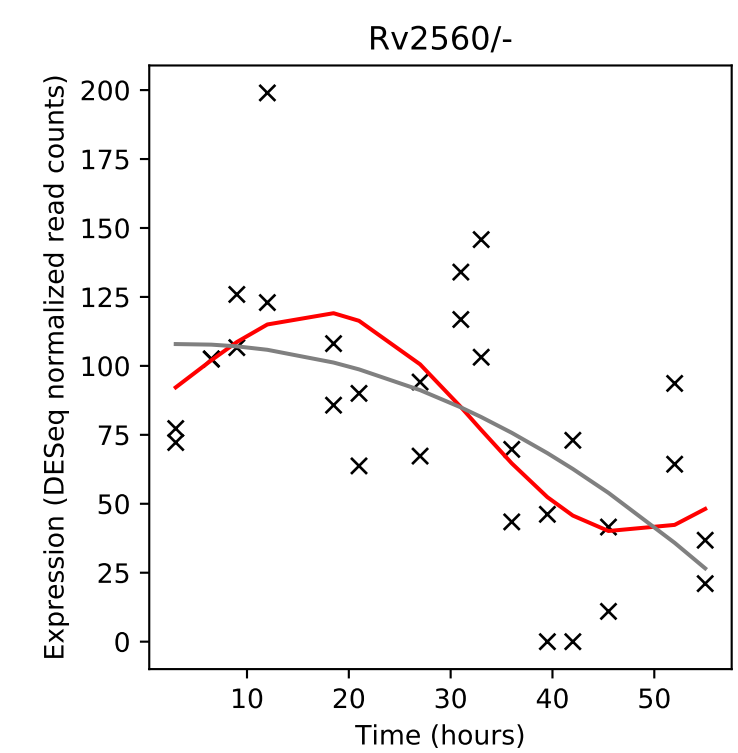

Rv2555c/alaS
Expression (DESeq normalized read counts)
Time (hours)

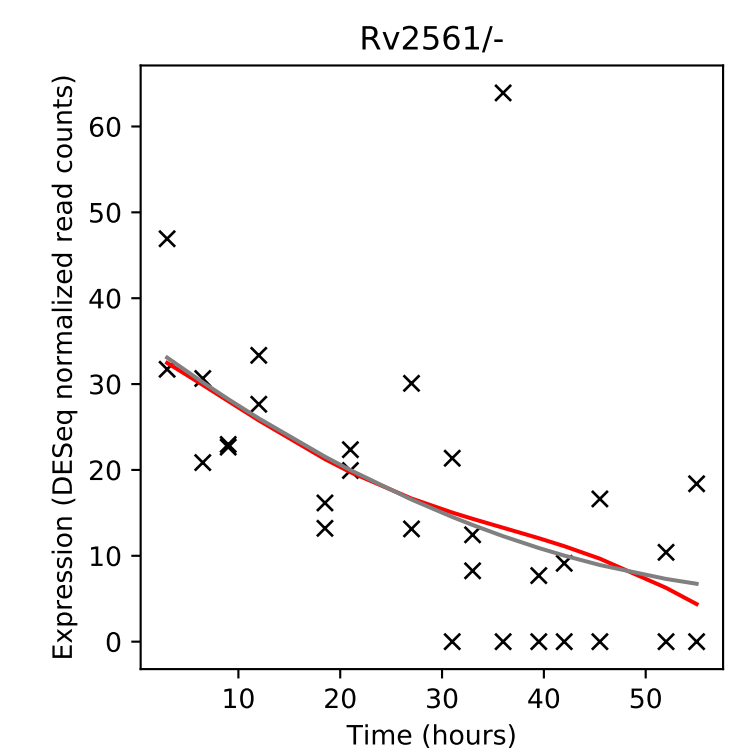

Rv2556c/-
Expression (DESeq normalized read counts)
Time (hours)

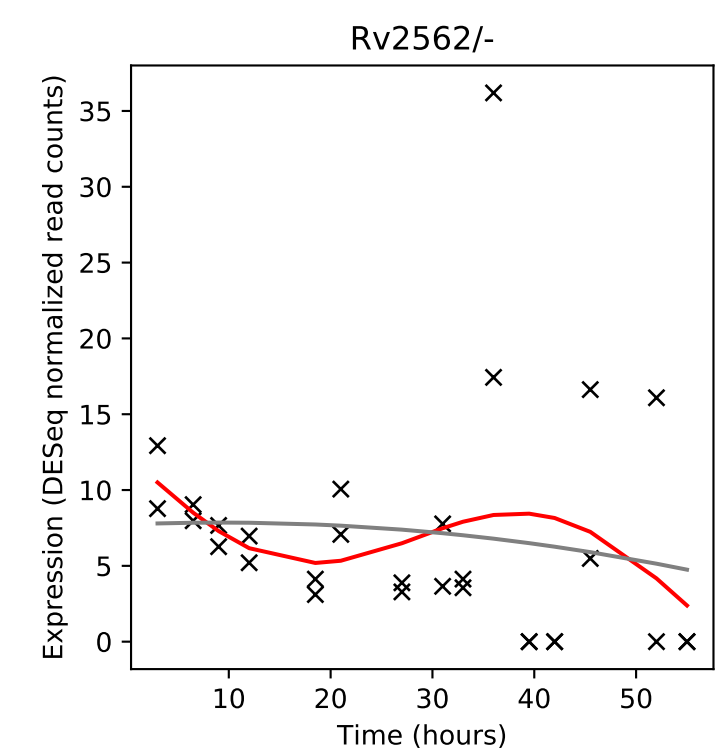

Rv2557/-
Expression (DESeq normalized read counts)
Time (hours)

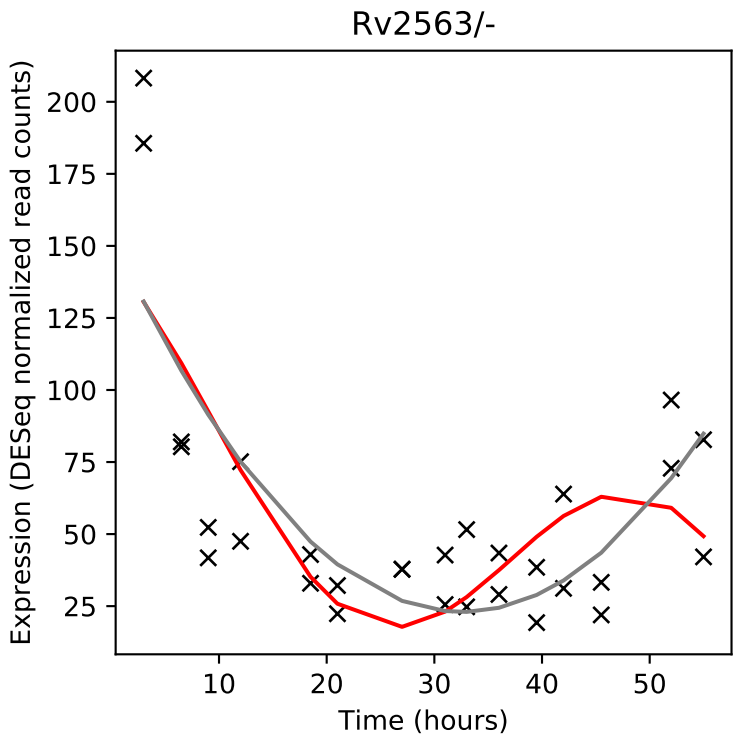

Rv2558/-
Expression (DESeq normalized read counts)
Time (hours)

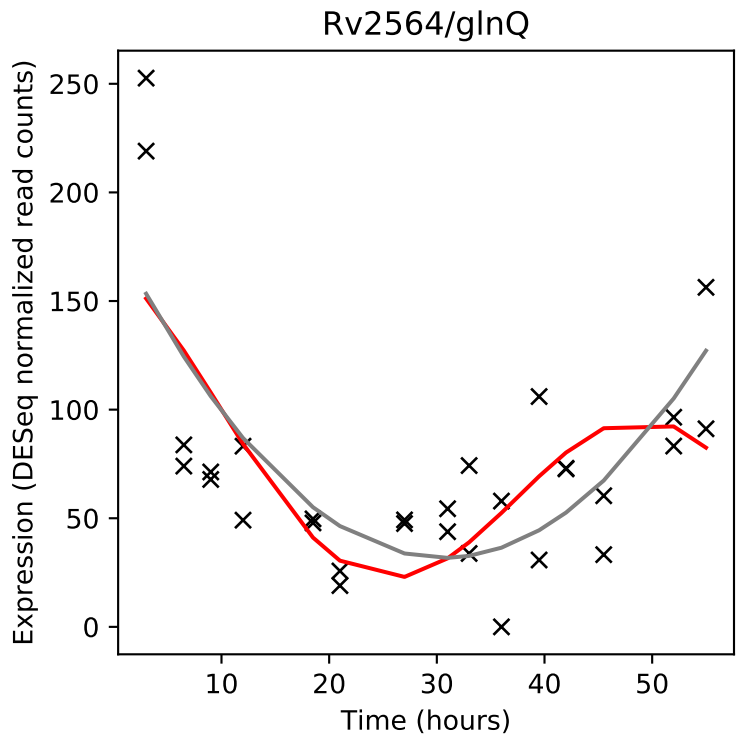

Rv2559c/-
Expression (DESeq normalized read counts)
Time (hours)

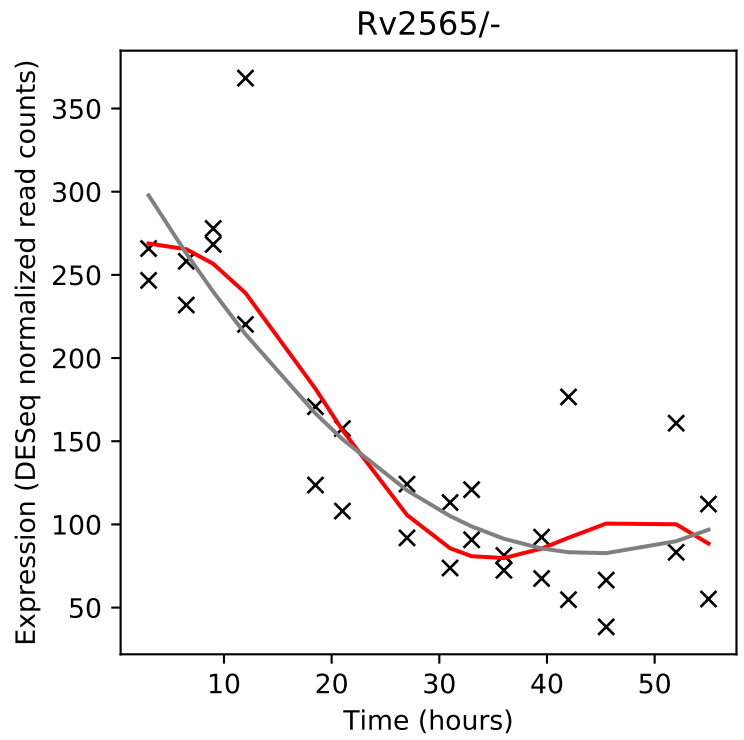

Rv2560/-
Expression (DESeq normalized read counts)
Time (hours)

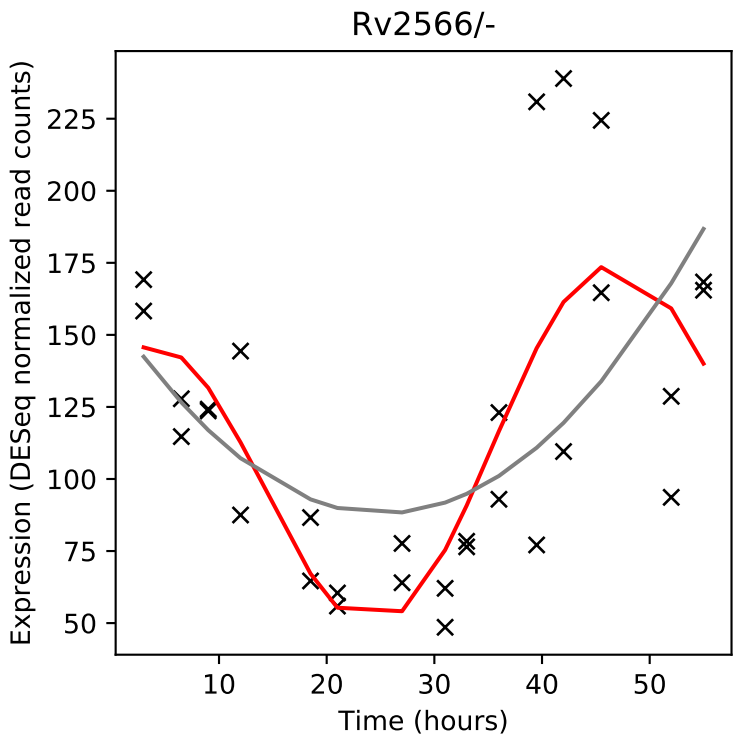

Rv2561/-
Expression (DESeq normalized read counts)
Time (hours)

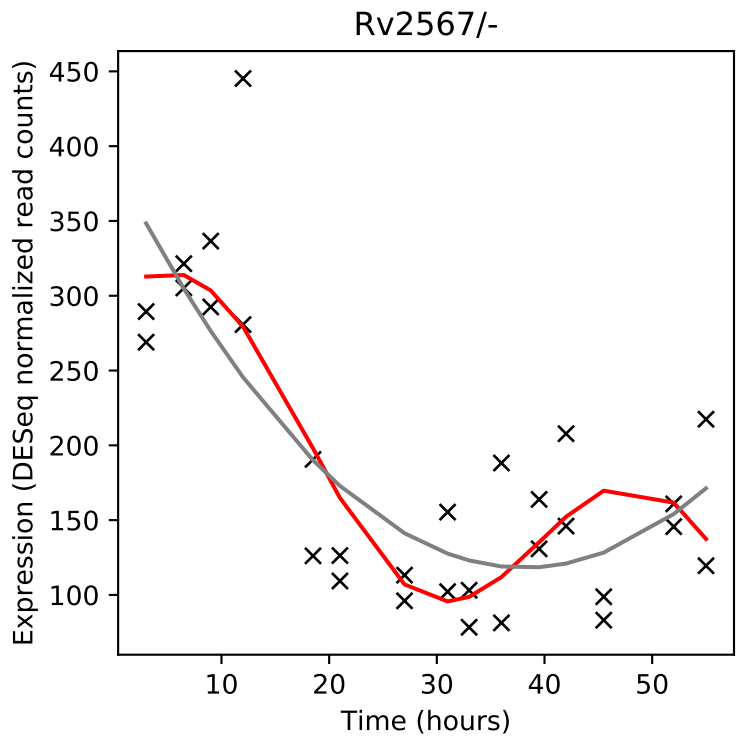

Rv2562/-
Expression (DESeq normalized read counts)
Time (hours)

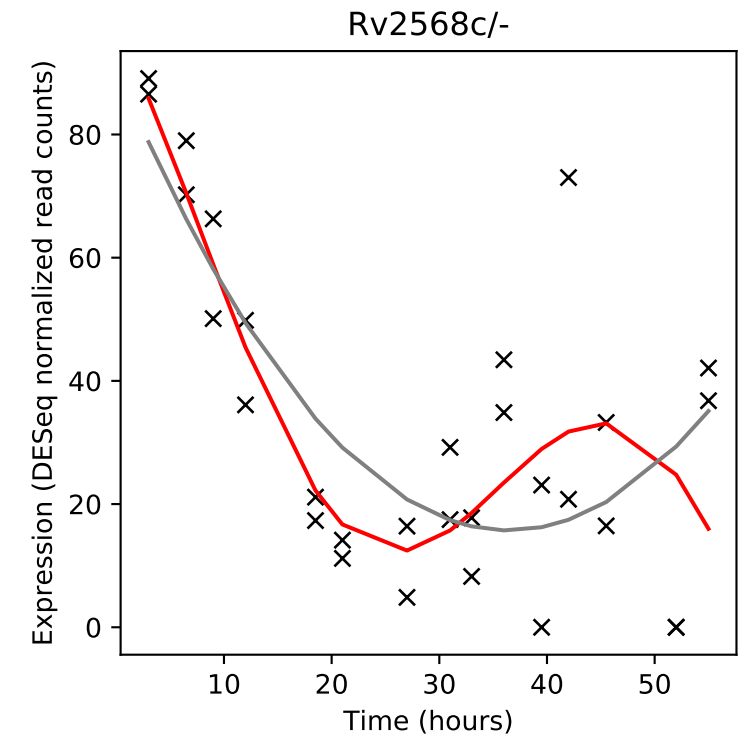

Rv2563/-
Expression (DESeq normalized read counts)
Time (hours)

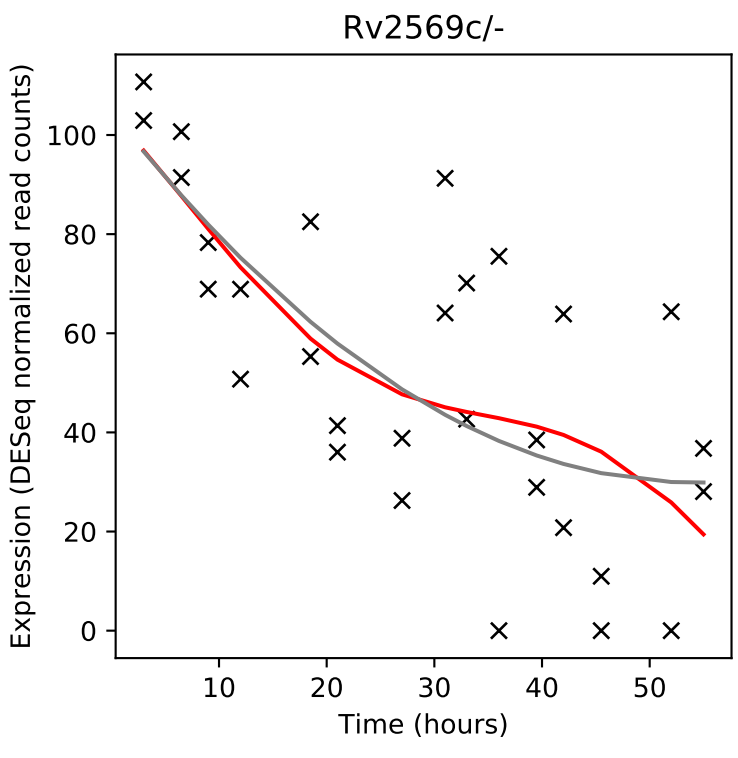

Rv2564/glnQ
Expression (DESeq normalized read counts)
Time (hours)

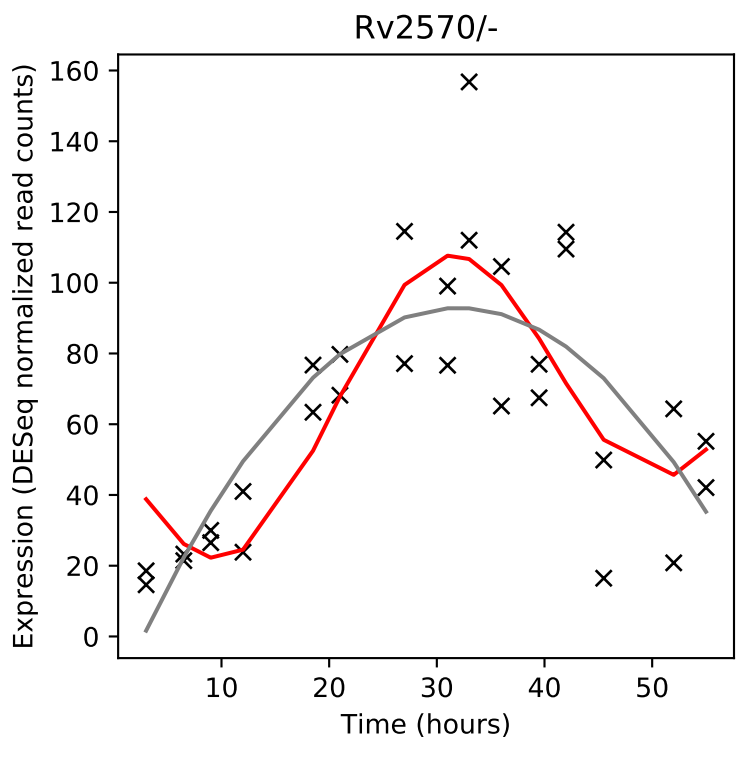

Rv2565/-
Expression (DESeq normalized read counts)
Time (hours)

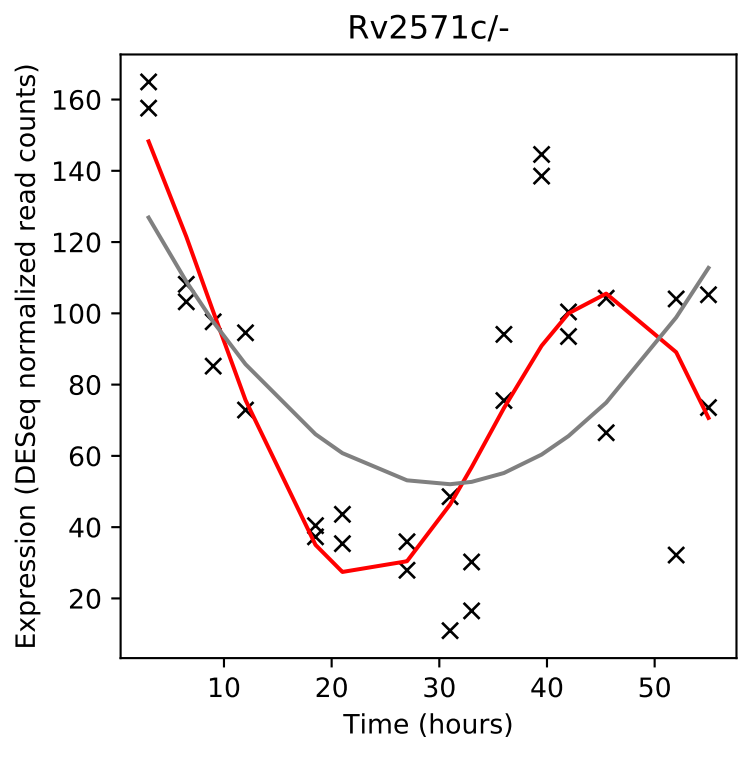

Rv2566/-
Expression (DESeq normalized read counts)
Time (hours)

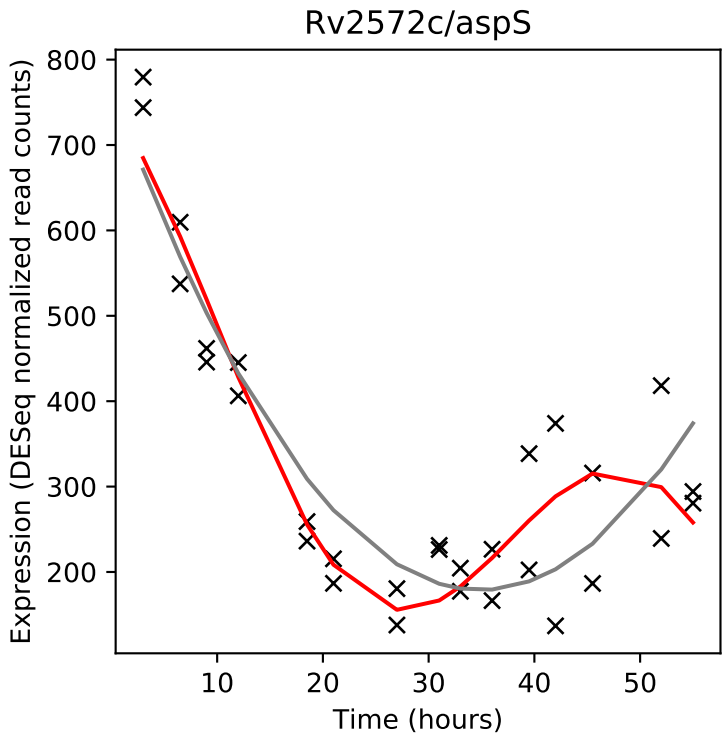

Rv2567/-
Expression (DESeq normalized read counts)
Time (hours)

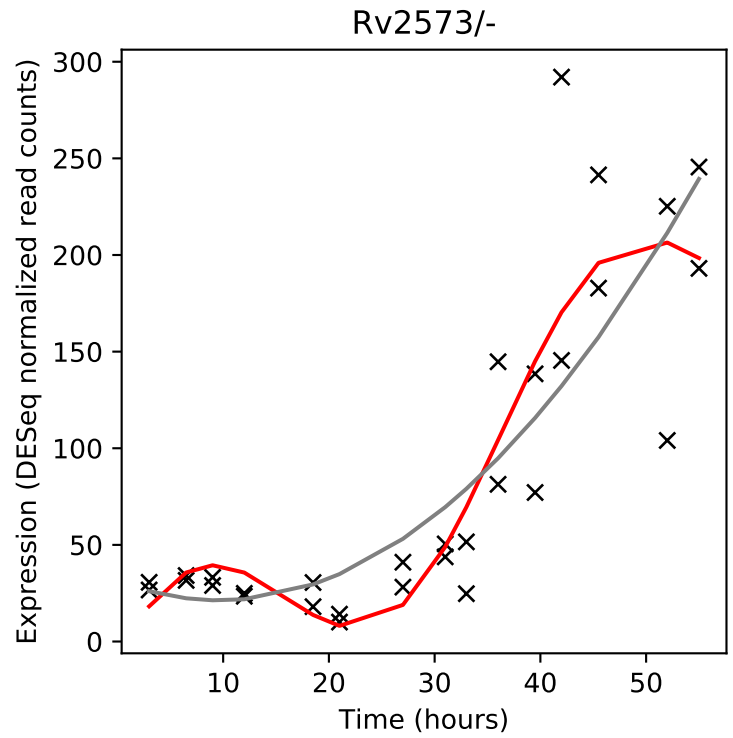

Rv2568c/-
Expression (DESeq normalized read counts)
Time (hours)

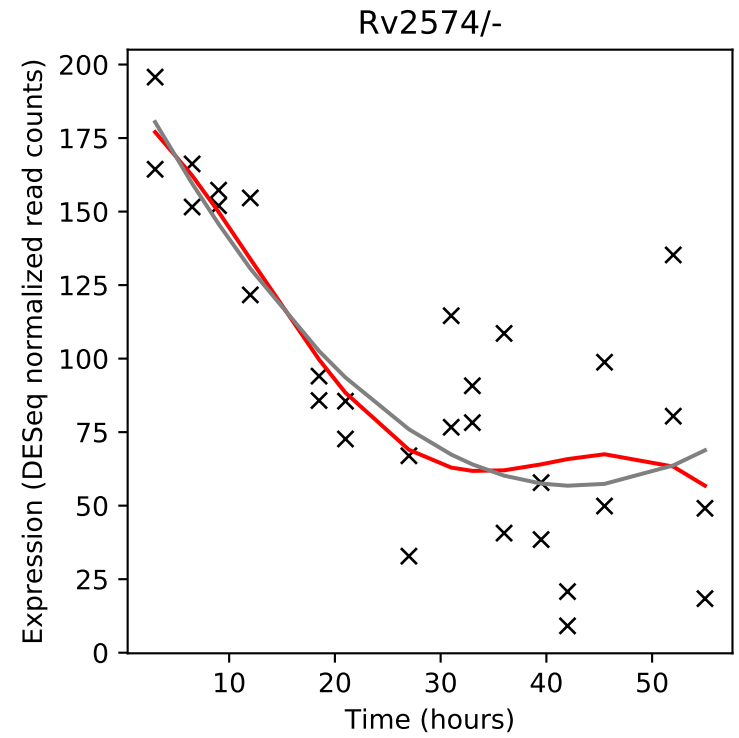

Rv2569c/-
Expression (DESeq normalized read counts)
Time (hours)

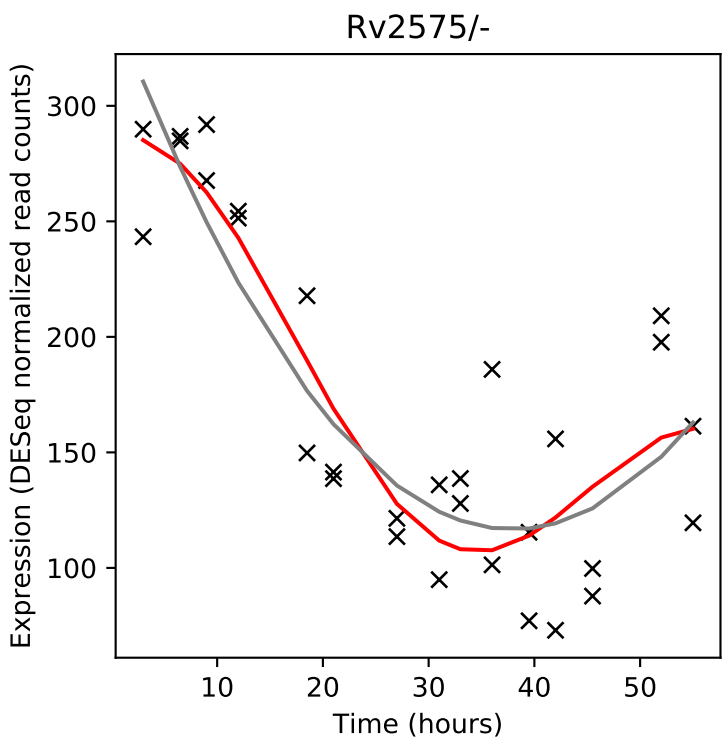

Rv2570/-
Expression (DESeq normalized read counts)
Time (hours)

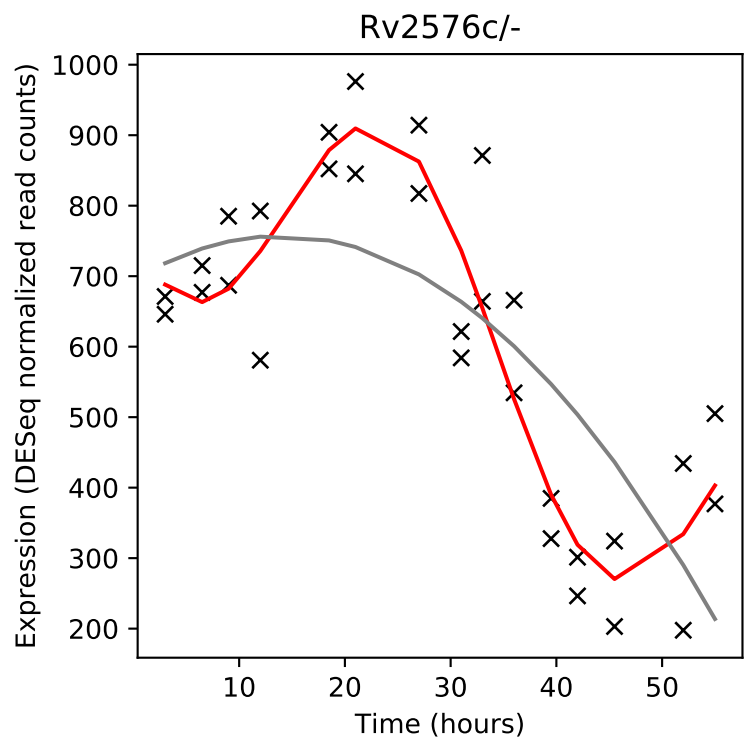

Rv2571c/-
Expression (DESeq normalized read counts)
Time (hours)

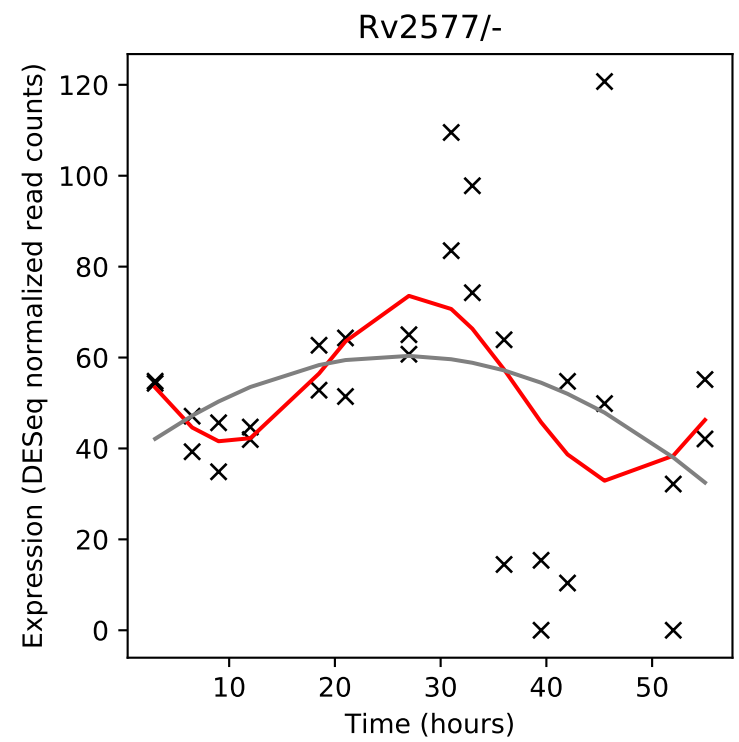

Rv2572c/aspS
Expression (DESeq normalized read counts)
Time (hours)

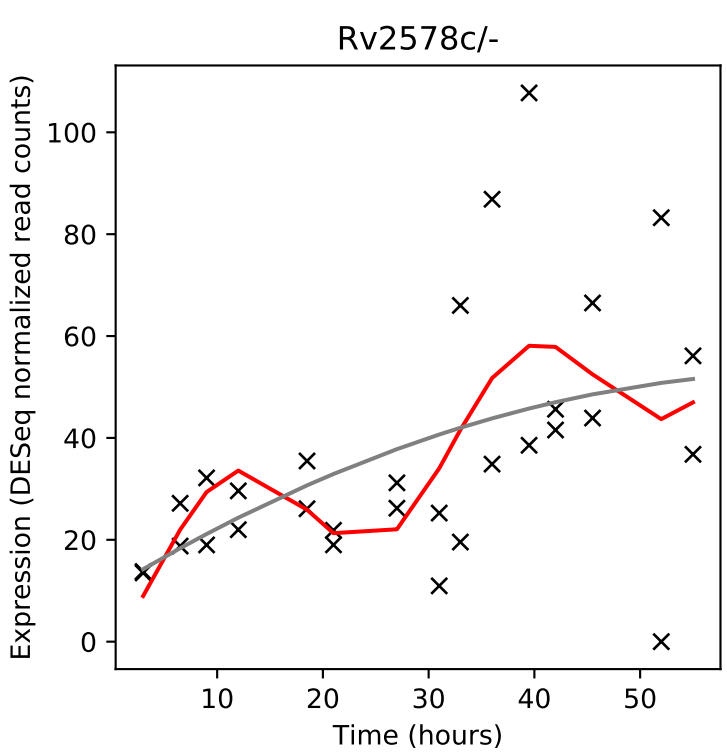

Rv2573/-
Expression (DESeq normalized read counts)
Time (hours)

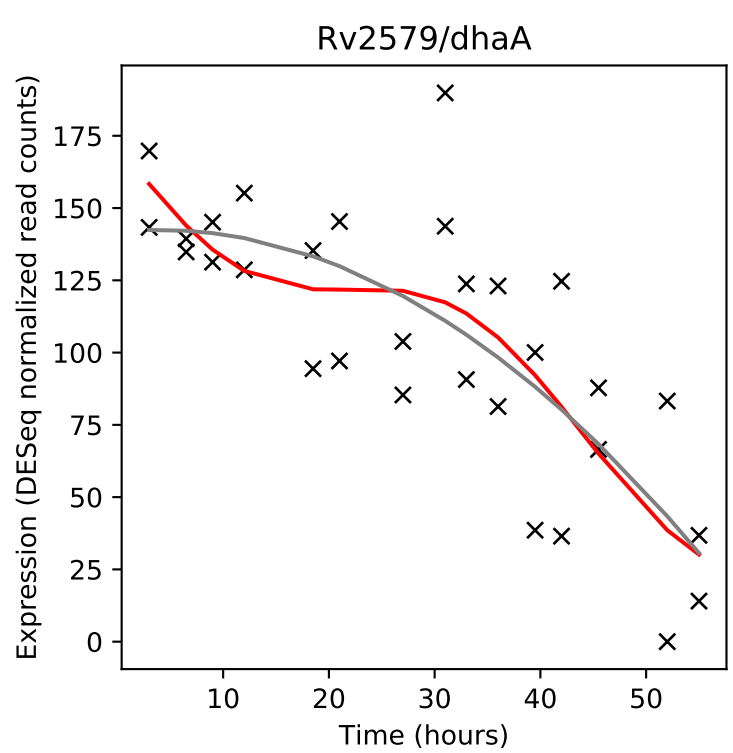

Rv2574/-
Expression (DESeq normalized read counts)
Time (hours)

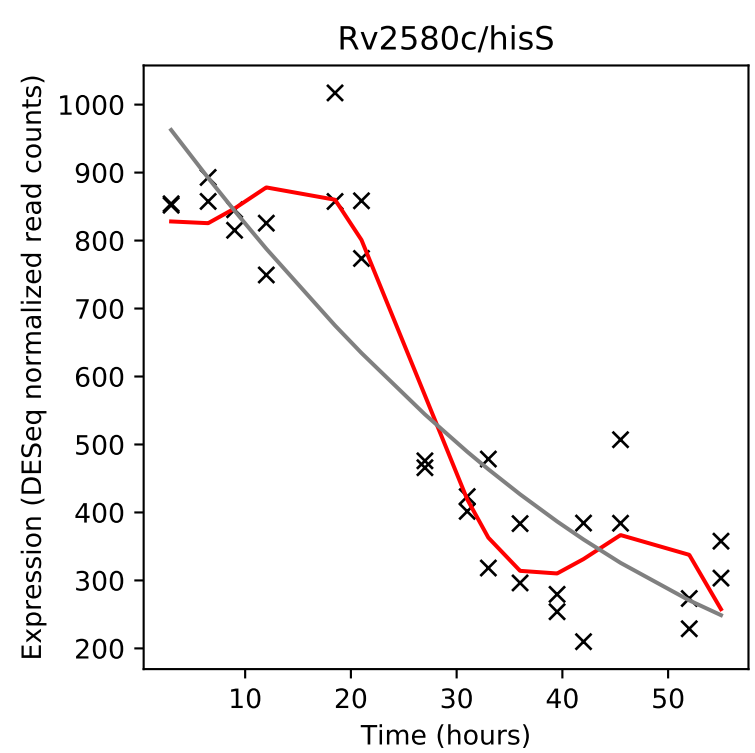

Rv2575/-
Expression (DESeq normalized read counts)
Time (hours)

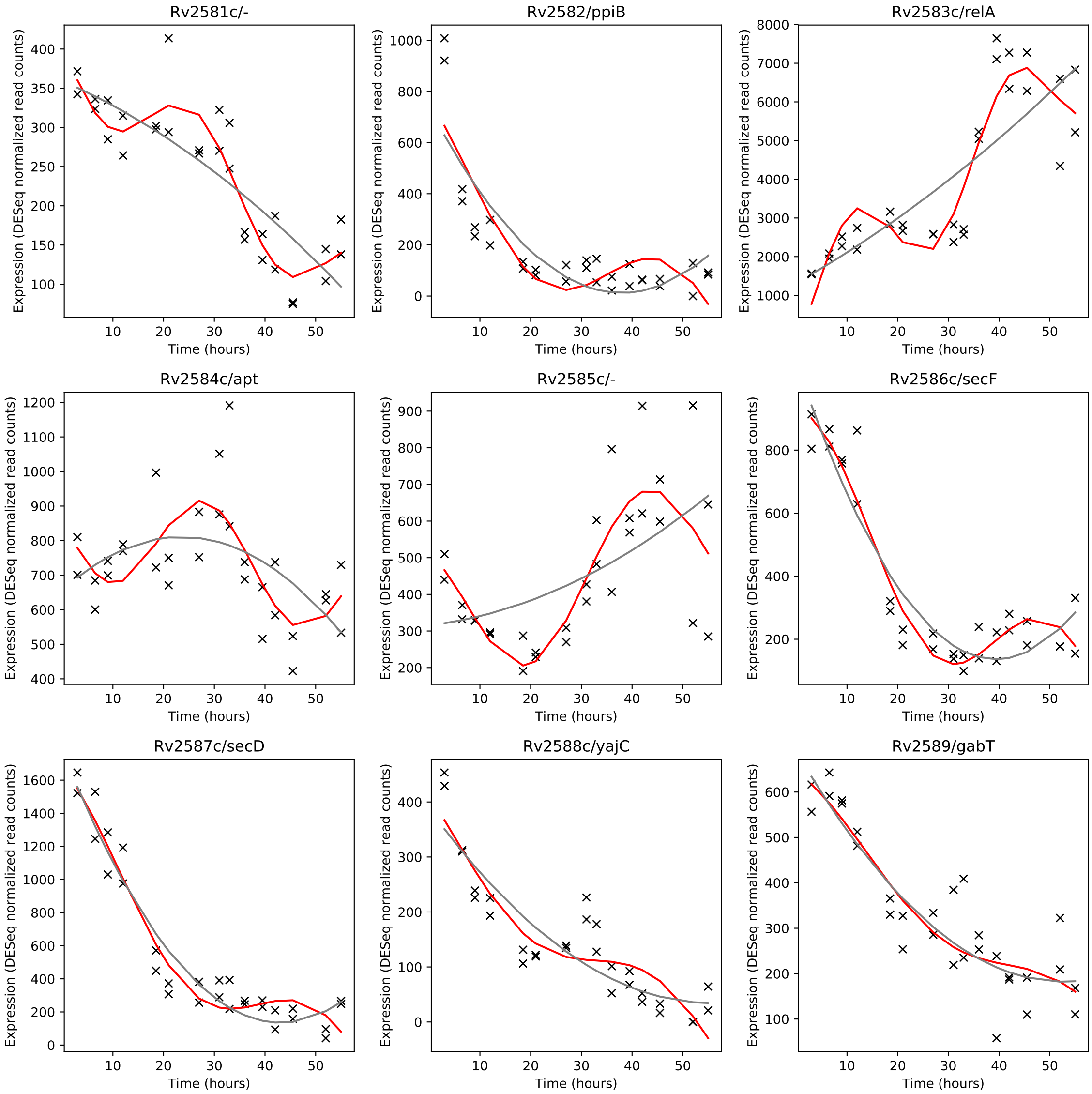

Rv2576c/-
Expression (DESeq normalized read counts)
Time (hours)

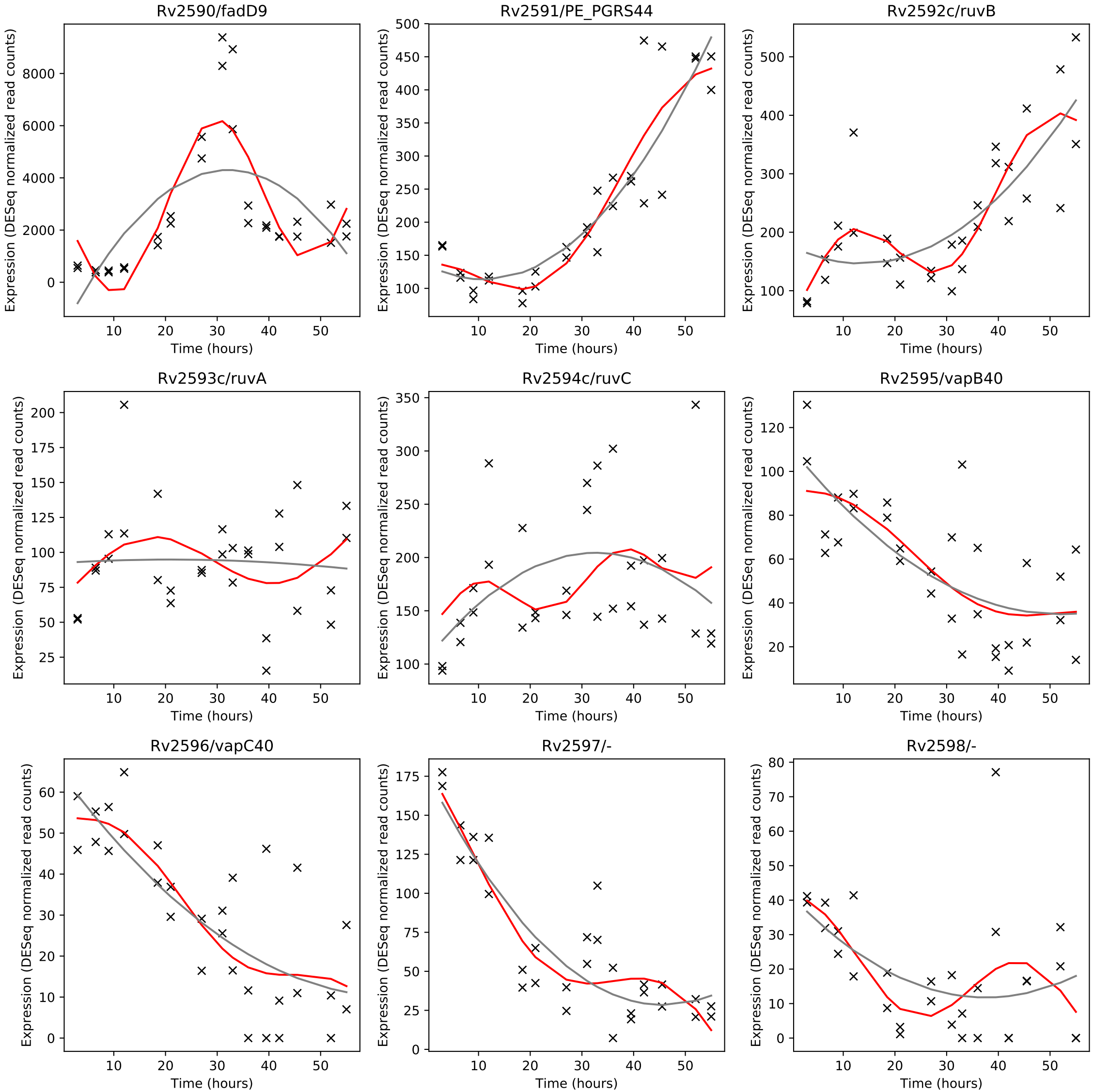

Rv2577/-
Expression (DESeq normalized read counts)
Time (hours)

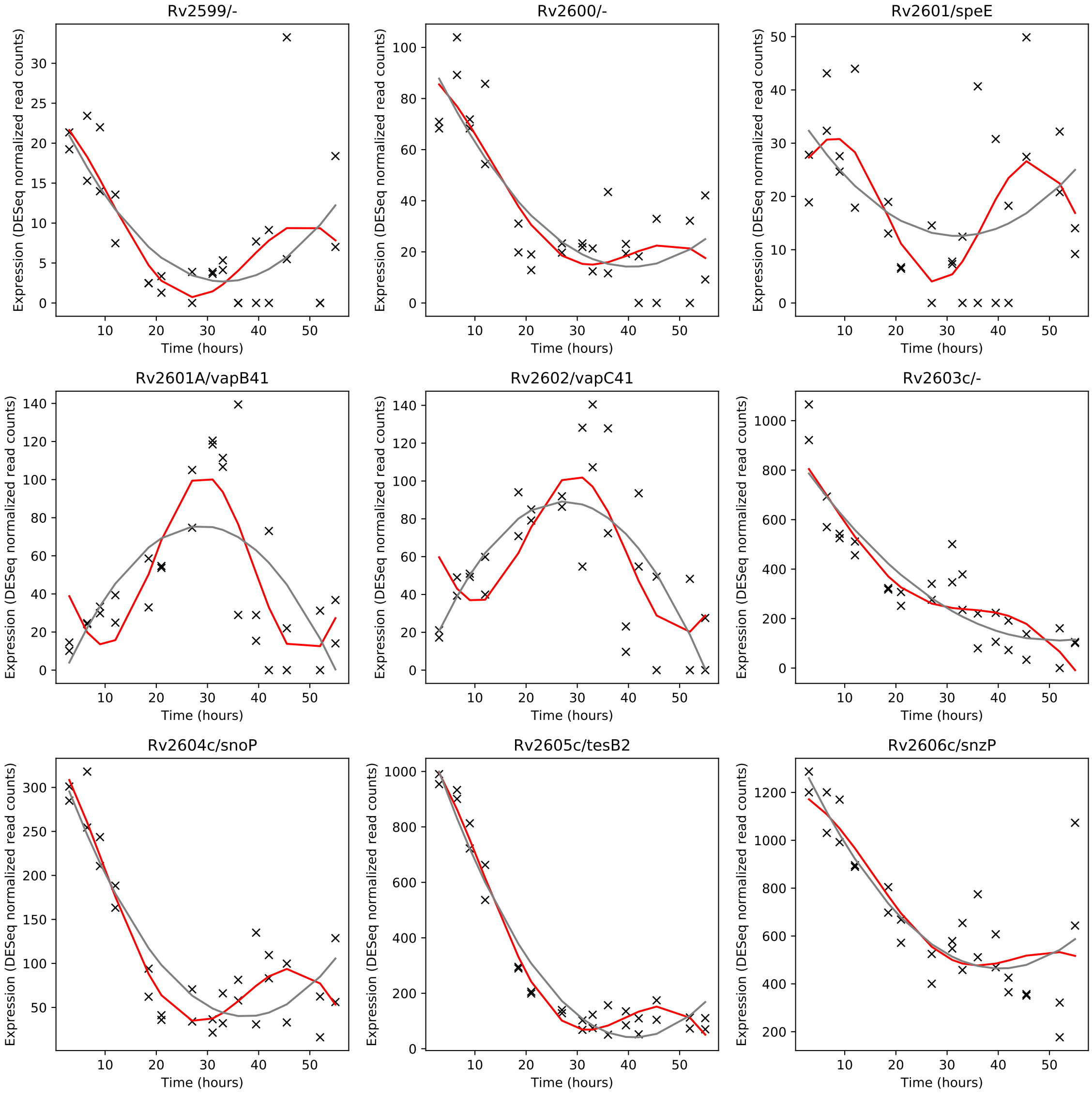

Rv2578c/-
Expression (DESeq normalized read counts)
Time (hours)

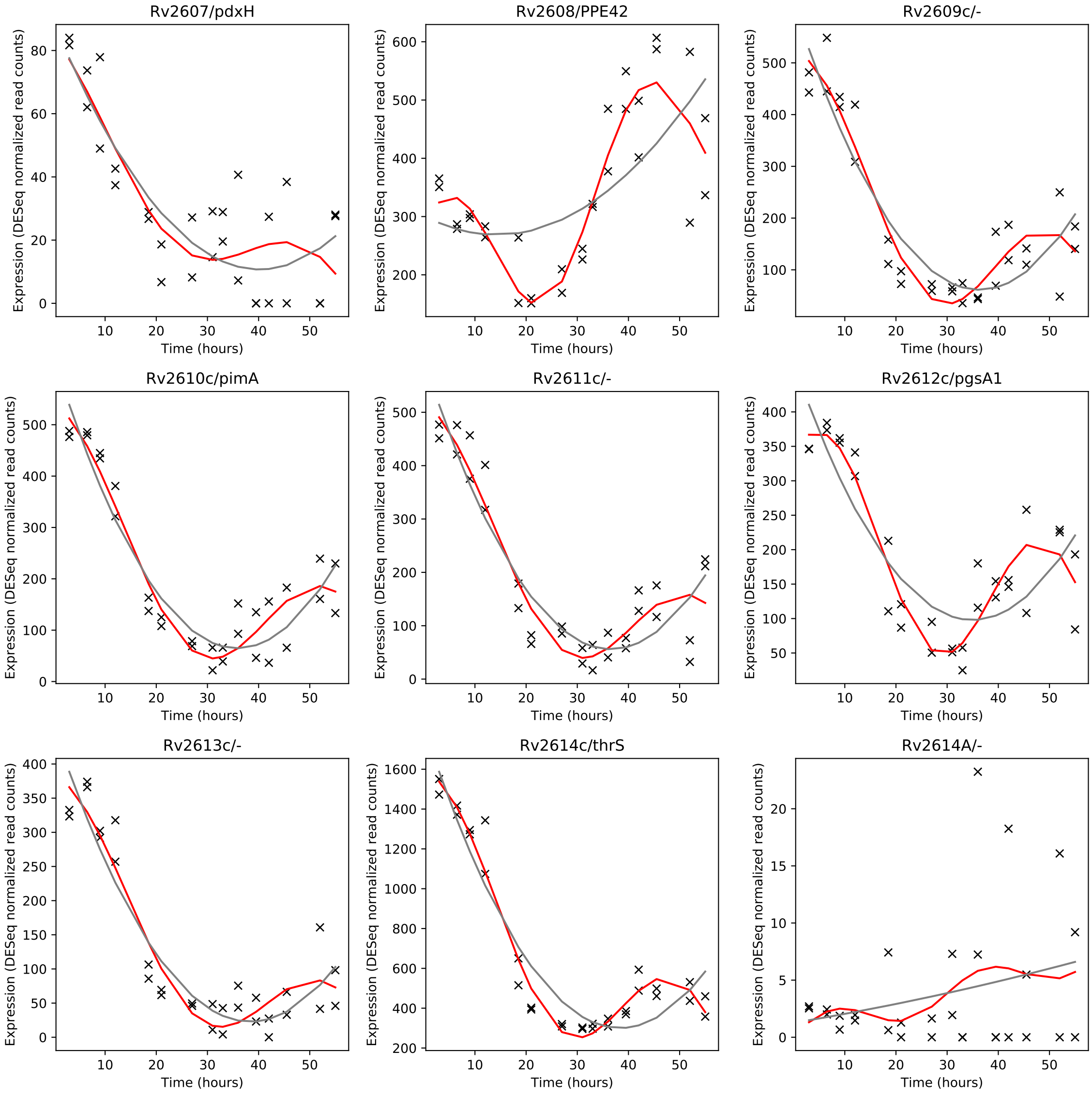

Rv2579/dhaA
Expression (DESeq normalized read counts)
Time (hours)

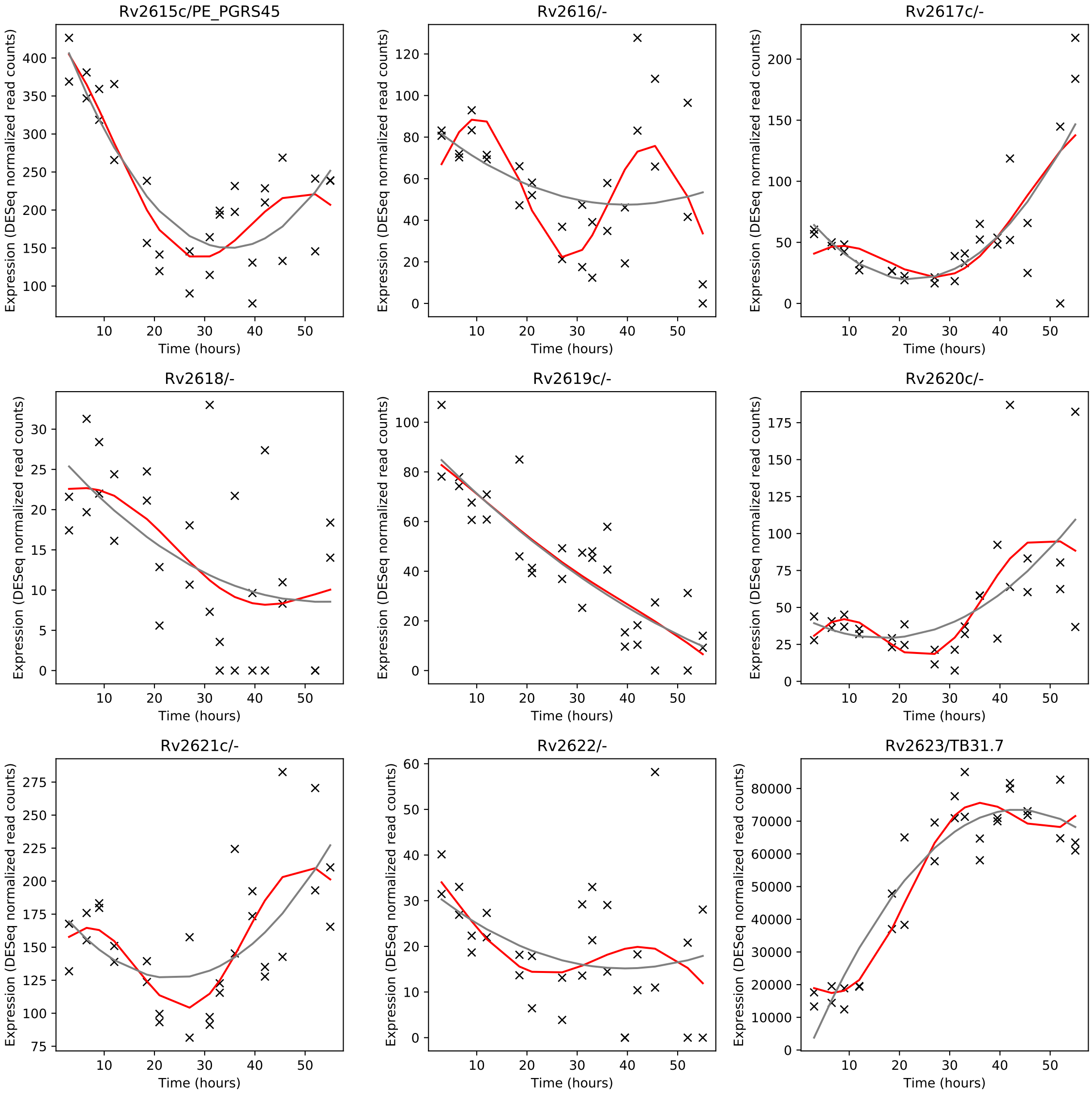

Rv2580c/hisS
Expression (DESeq normalized read counts)
Time (hours)

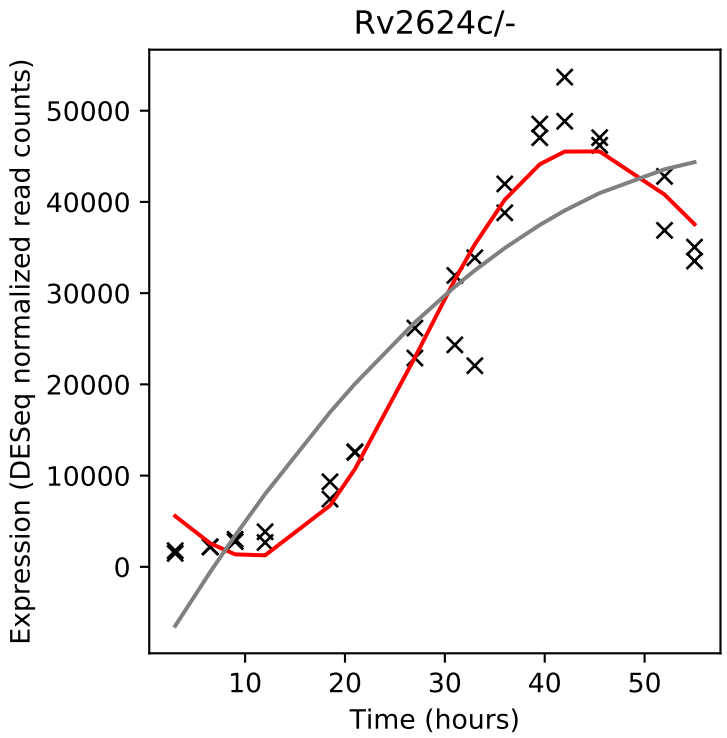

Rv2581c/-
Rv2582/ppiB
Rv2583c/relA
Rv2584c/apt
Rv2585c/-
Rv2586c/secF
Rv2587c/secD
Rv2588c/yajC
Rv2589/gabT
Expression (DESeq normalized read counts)
Time (hours)

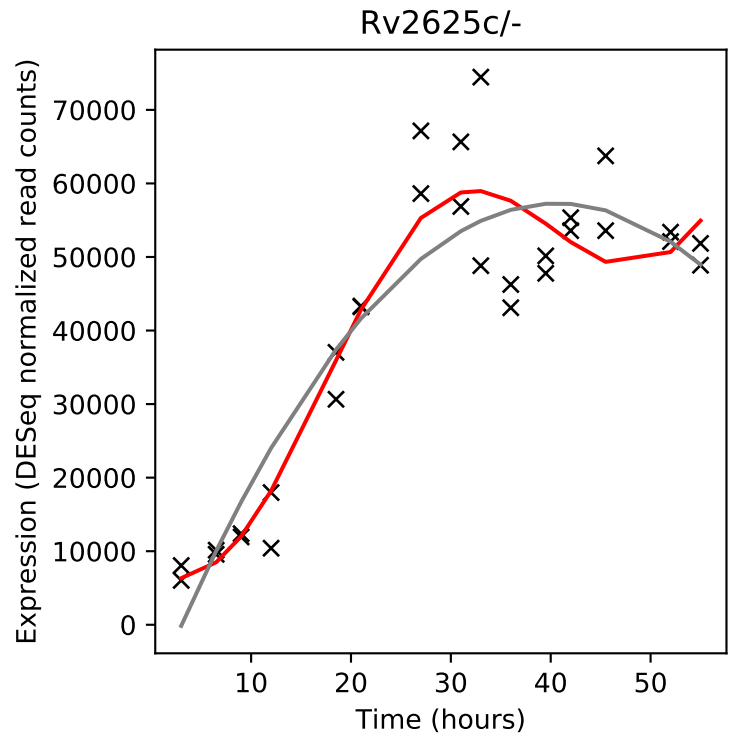

Rv2590/fadD9
Rv2591/PE_PGRS44
Rv2592c/ruvB
Rv2593c/ruvA
Rv2594c/ruvC
Rv2595/vapB40
Rv2596/vapC40
Rv2597/-
Rv2598/-
Expression (DESeq normalized read counts)
Time (hours)

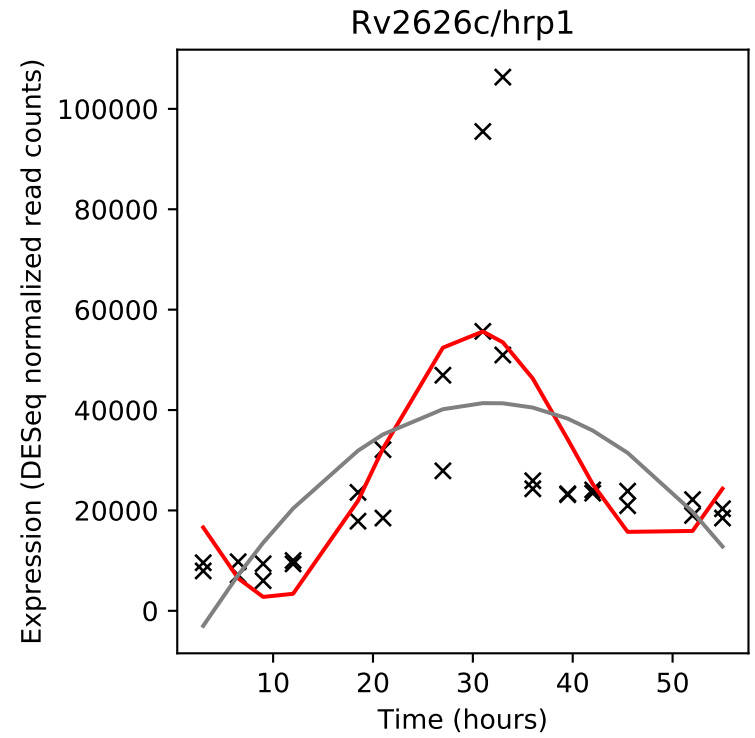

Rv2599/-
Rv2600/-
Rv2601/speE
Rv2601A/vapB41
Rv2602/vapC41
Rv2603c/-
Rv2604c/snoP
Rv2605c/tesB2
Rv2606c/snzP
Expression (DESeq normalized read counts)
Time (hours)

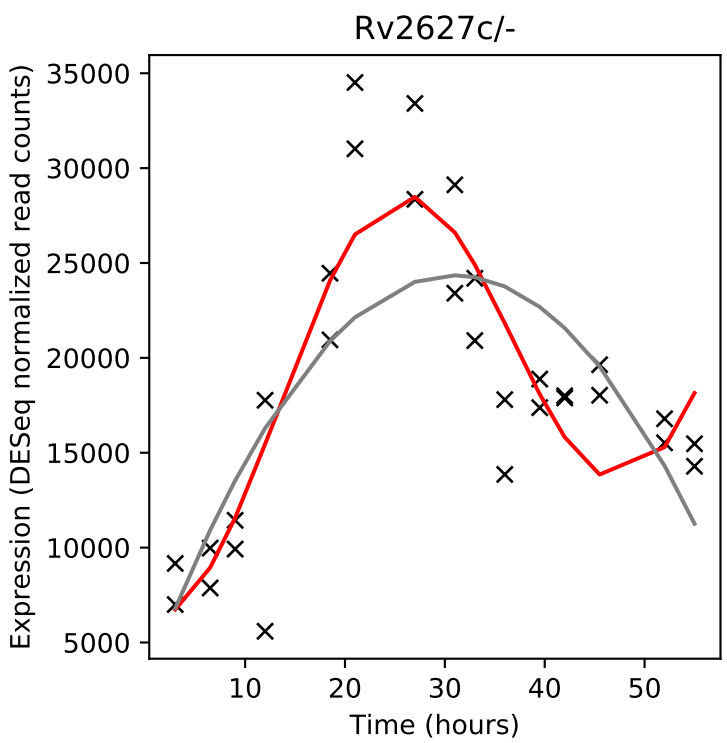

Rv2607/pdxH
Rv2608/PPE42
Rv2609c/-
Rv2610c/pimA
Rv2611c/-
Rv2612c/pgsA1
Rv2613c/-
Rv2614c/thrS
Rv2614A/-
Expression (DESeq normalized read counts)
Time (hours)

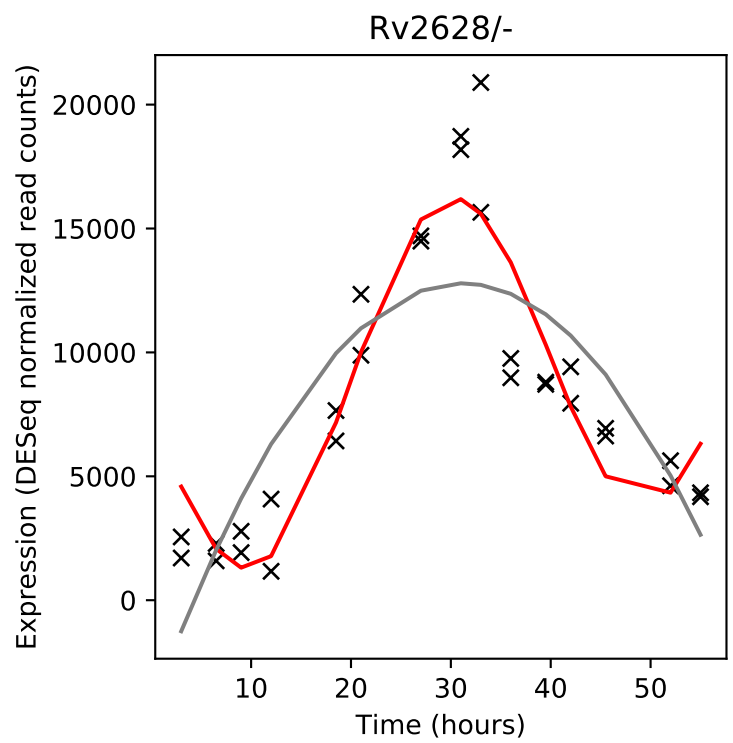

Rv2615c/PE_PGRS45
Rv2616/-
Rv2617c/-
Rv2618/-
Rv2619c/-
Rv2620c/-
Rv2621c/-
Rv2622/-
Rv2623/TB31.7
Expression (DESeq normalized read counts)
Time (hours)

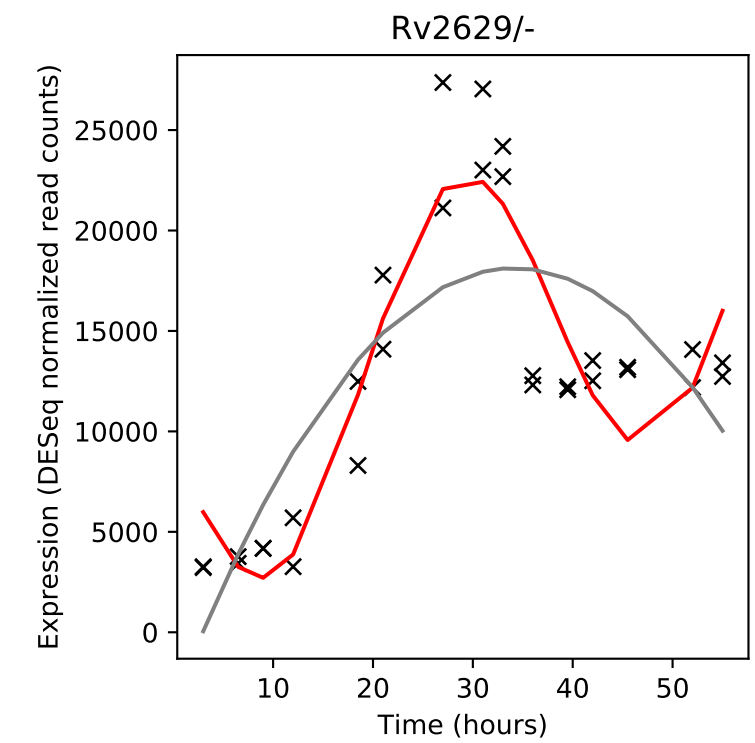

Rv2624c/-
Expression (DESeq normalized read counts)
Time (hours)

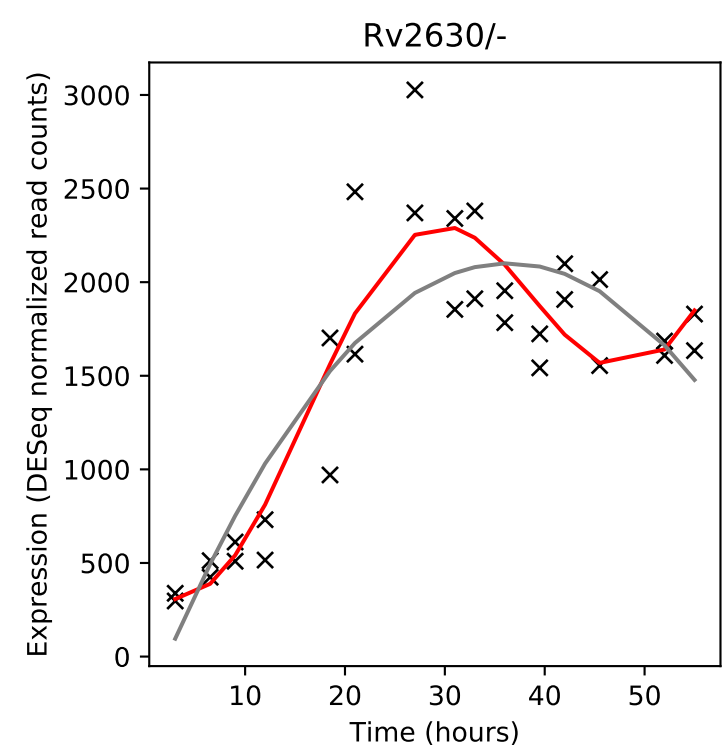

Rv2625c/-
Expression (DESeq normalized read counts)
Time (hours)

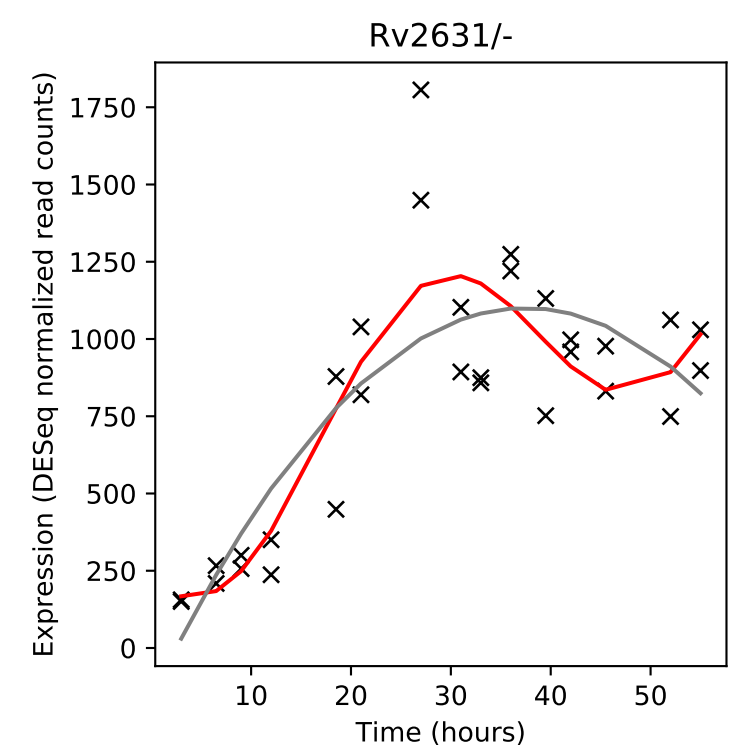

Rv2626c/hrp1
Expression (DESeq normalized read counts)
Time (hours)

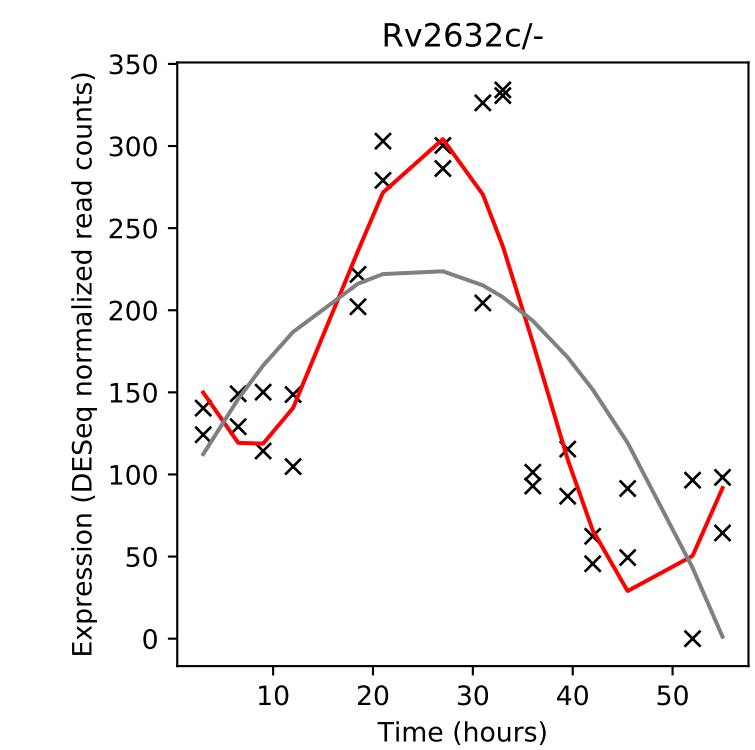

Rv2627c/-
Expression (DESeq normalized read counts)
Time (hours)

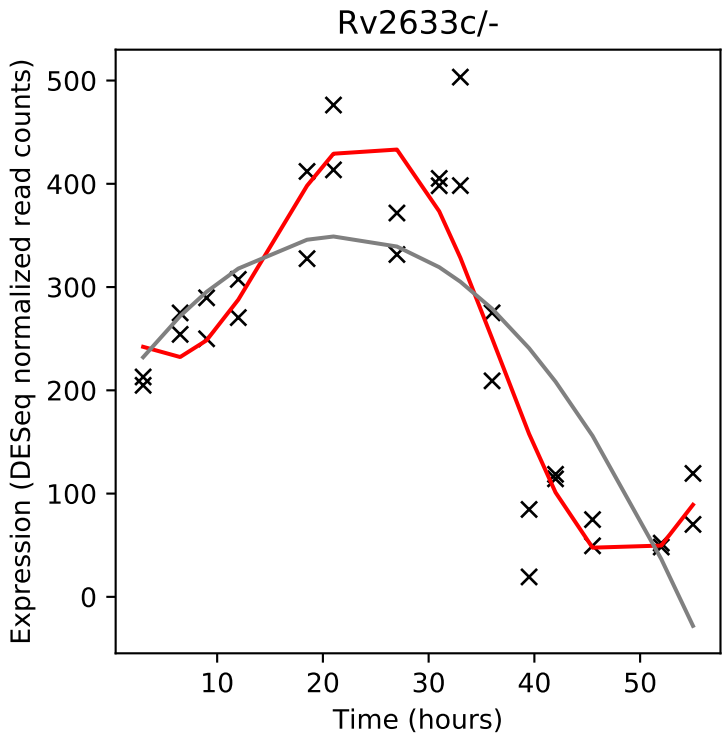

Rv2628/-
Expression (DESeq normalized read counts)
Time (hours)

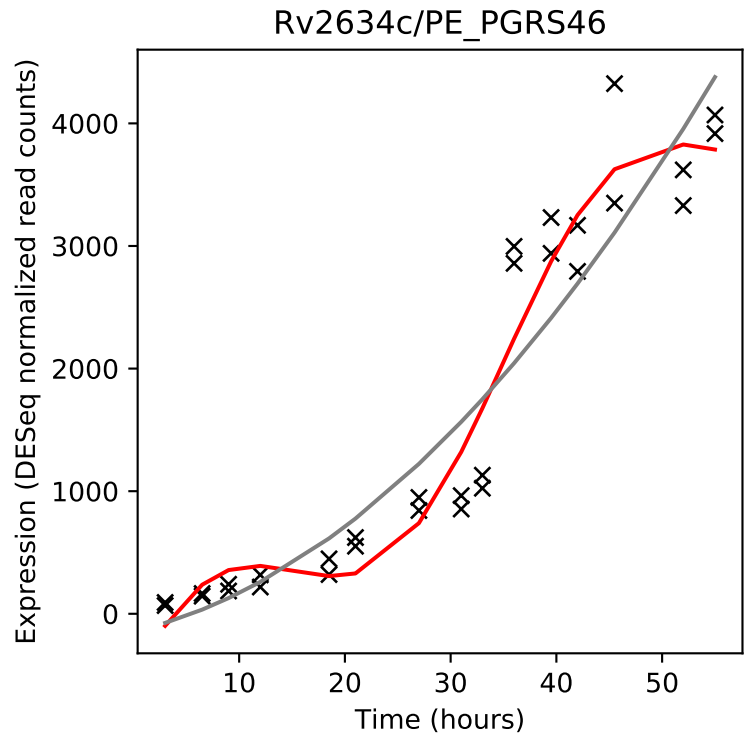

Rv2629/-
Expression (DESeq normalized read counts)
Time (hours)

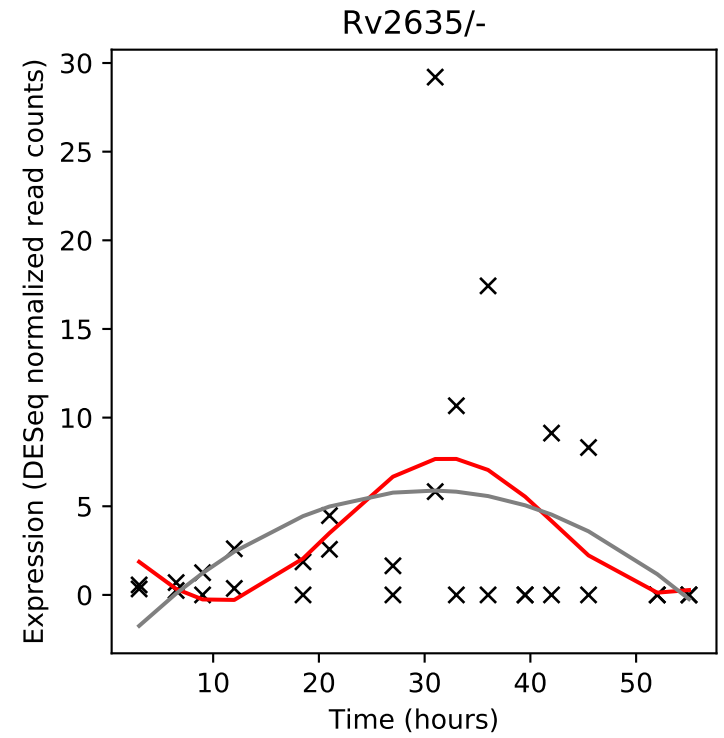

Rv2630/-
Expression (DESeq normalized read counts)
Time (hours)

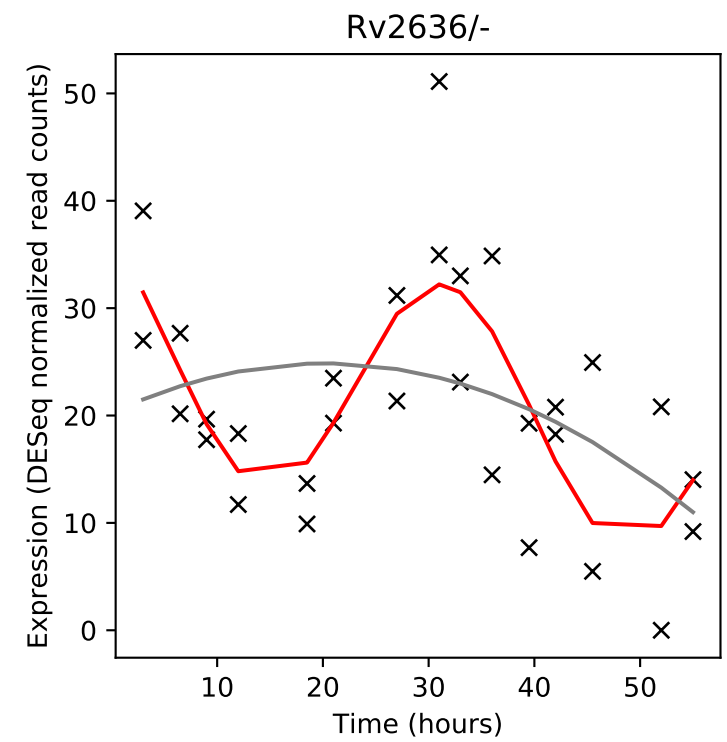

Rv2631/-
Expression (DESeq normalized read counts)
Time (hours)

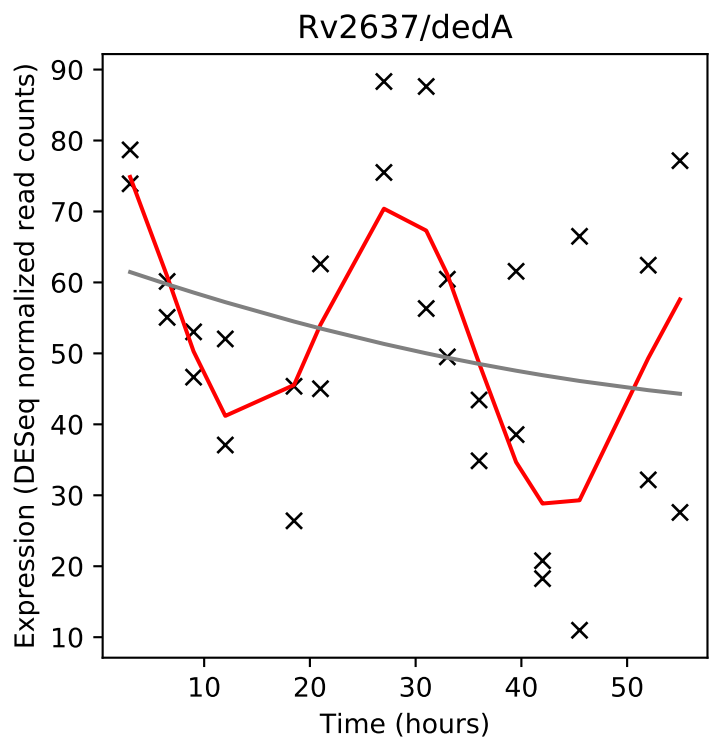

Rv2632c/-
Expression (DESeq normalized read counts)
Time (hours)

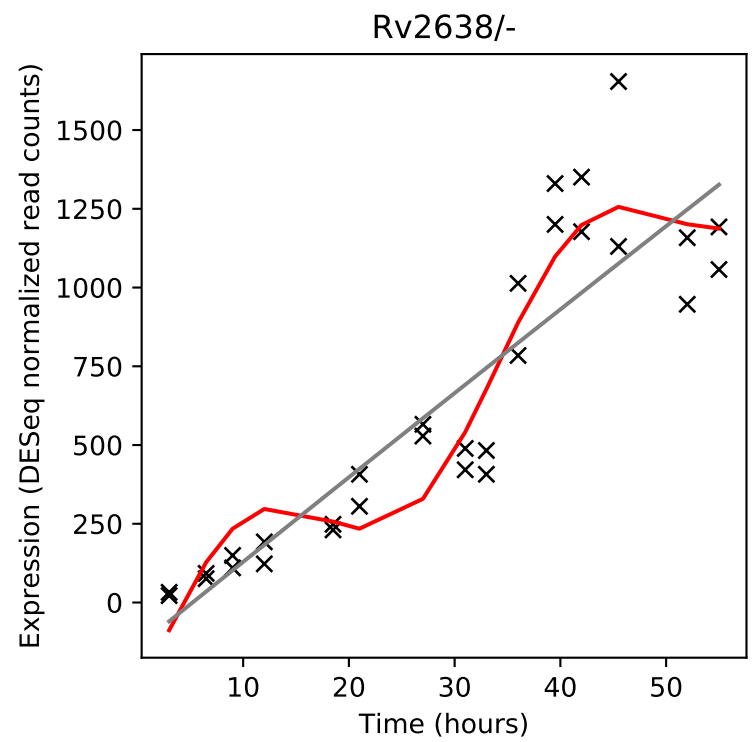

Rv2633c/-
Expression (DESeq normalized read counts)
Time (hours)

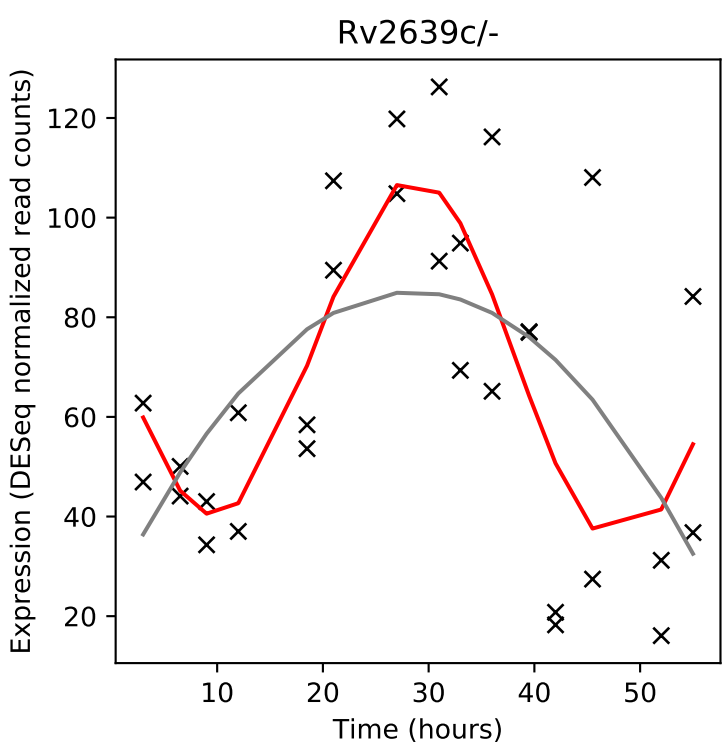

Rv2634c/PE_PGRS46
Expression (DESeq normalized read counts)
Time (hours)

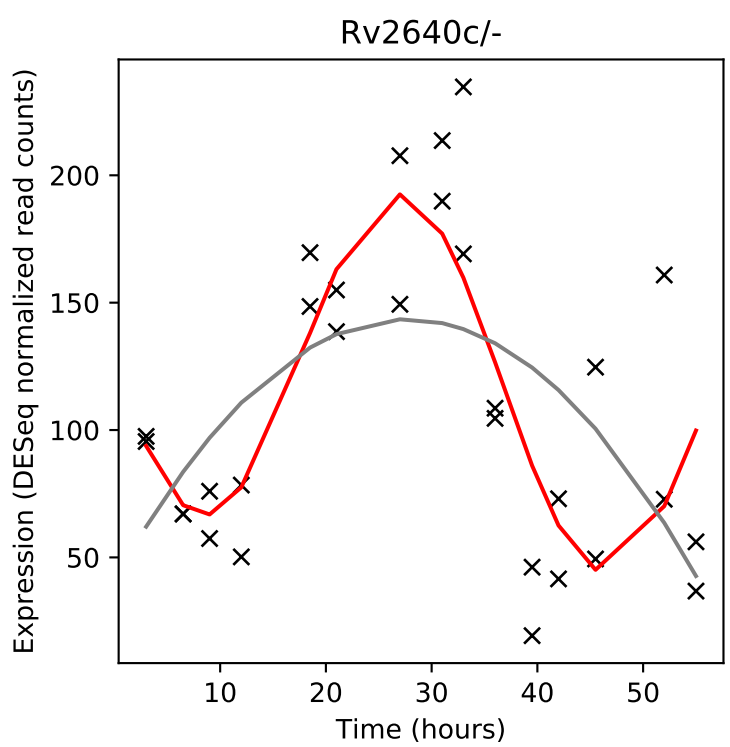

Rv2635/-
Expression (DESeq normalized read counts)
Time (hours)

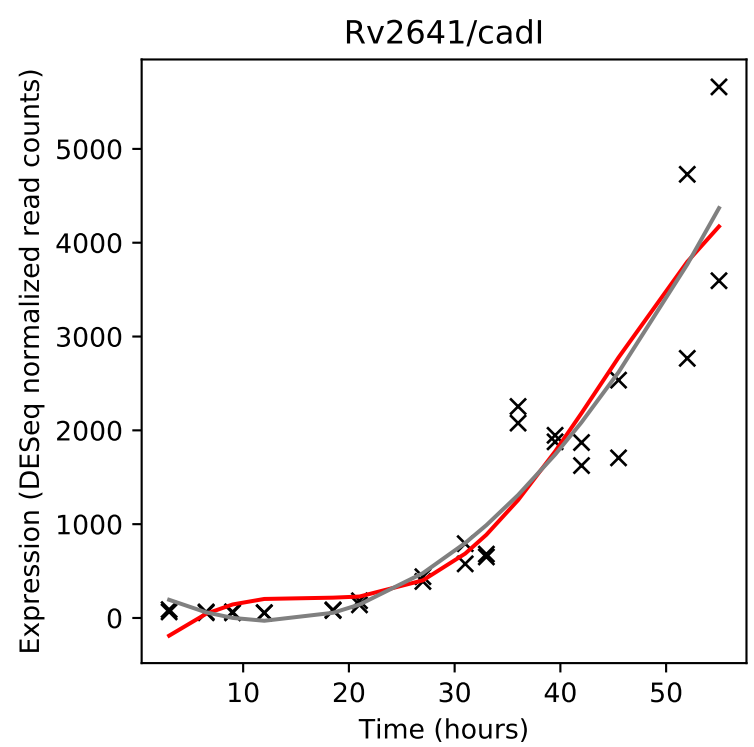

Rv2636/-
Expression (DESeq normalized read counts)
Time (hours)

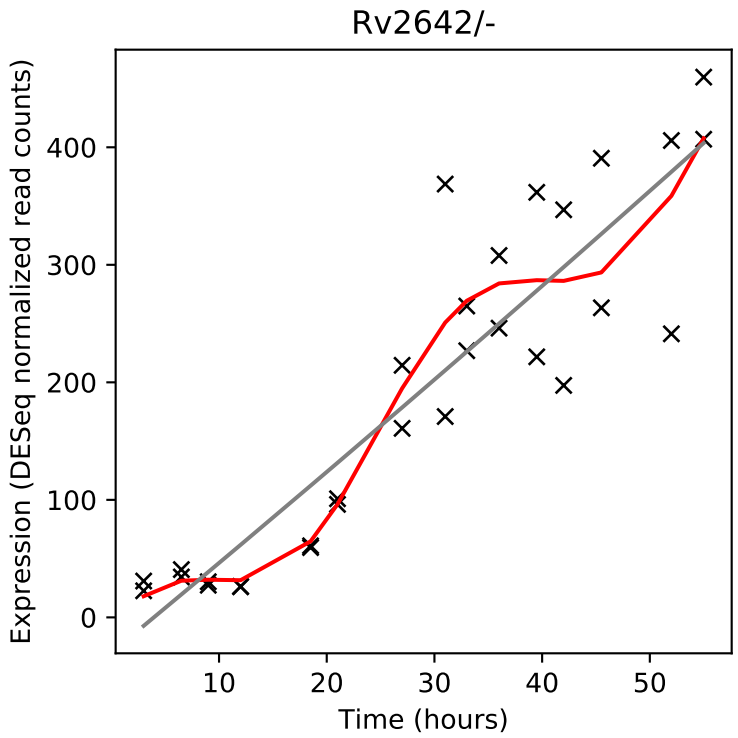

Rv2637/dedA
Expression (DESeq normalized read counts)
Time (hours)

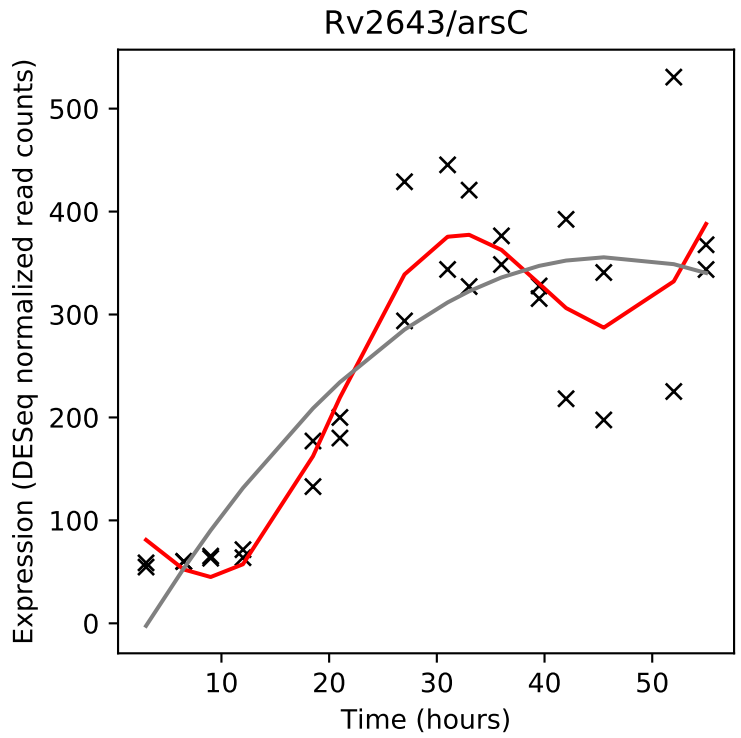

Rv2638/-
Expression (DESeq normalized read counts)
Time (hours)

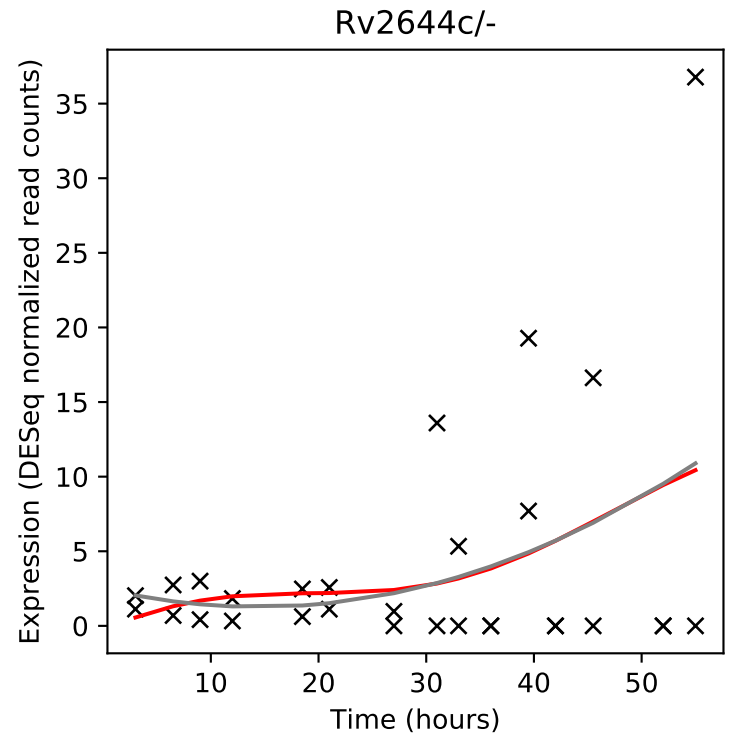

Rv2639c/-
Expression (DESeq normalized read counts)
Time (hours)

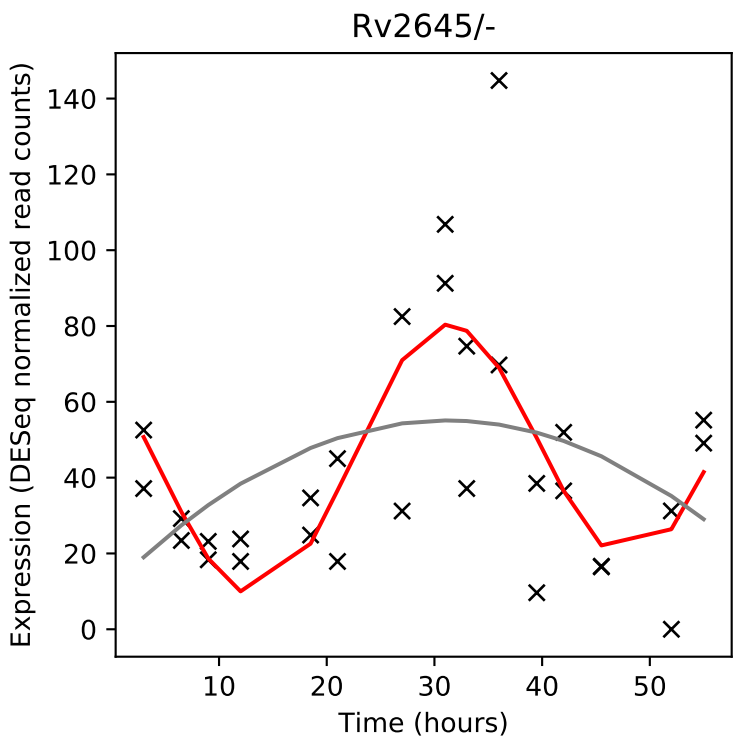

Rv2640c/-
Expression (DESeq normalized read counts)
Time (hours)

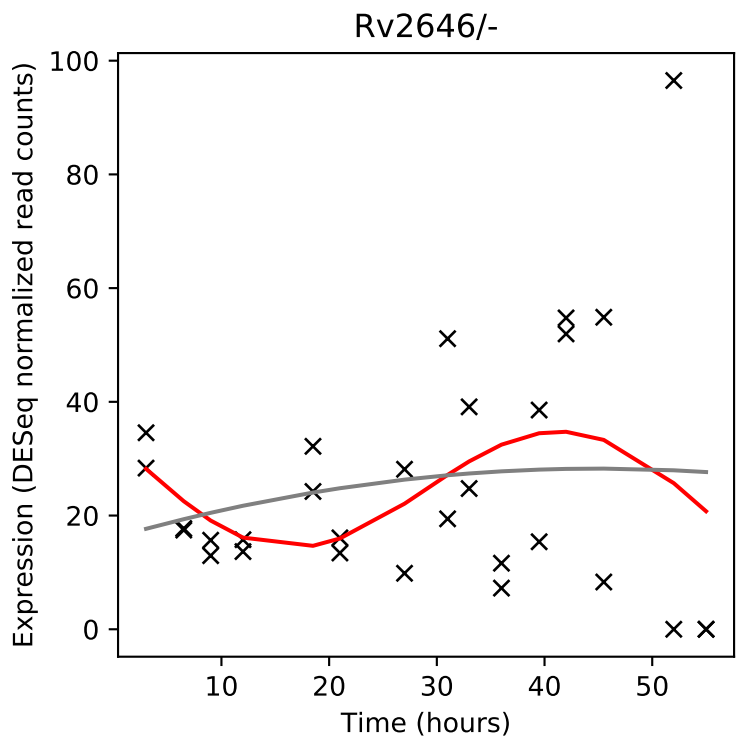

Rv2641/cadI
Expression (DESeq normalized read counts)
Time (hours)

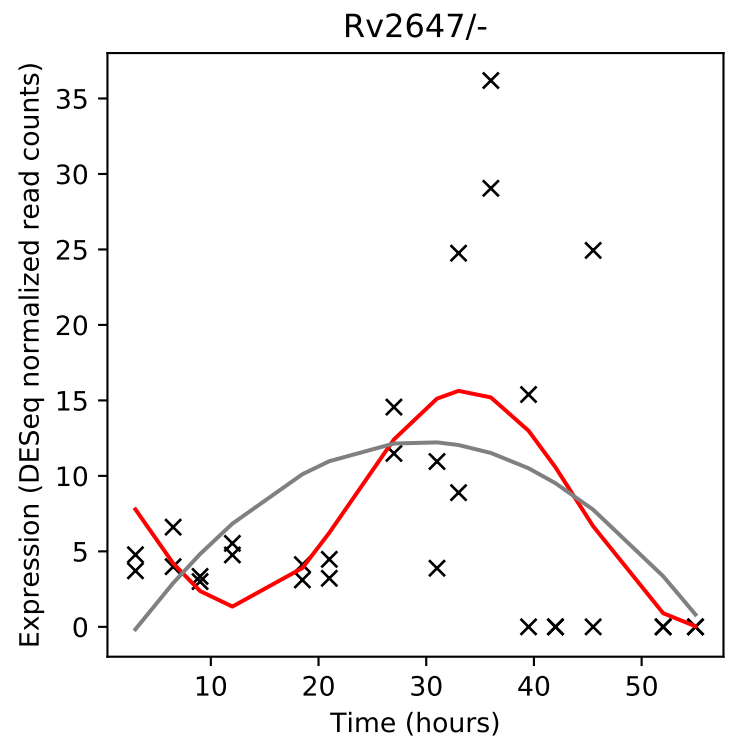

Rv2642/-
Expression (DESeq normalized read counts)
Time (hours)

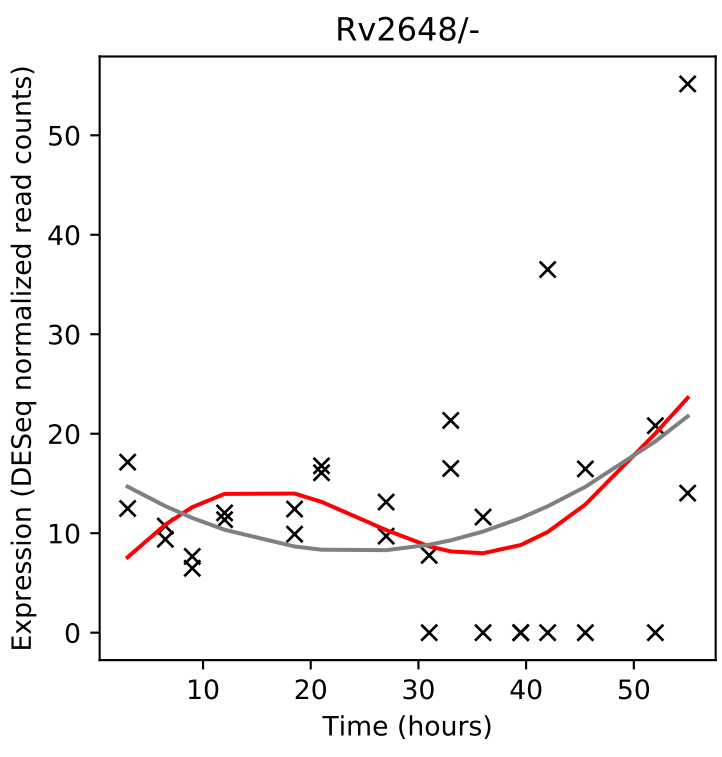

Rv2643/arsC
Expression (DESeq normalized read counts)
Time (hours)

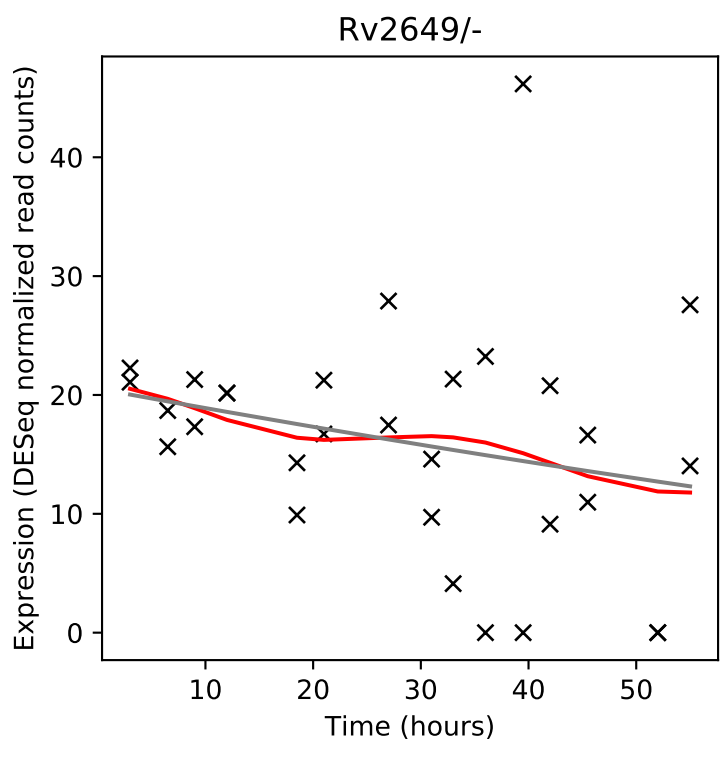

Rv2644c/-
Expression (DESeq normalized read counts)
Time (hours)

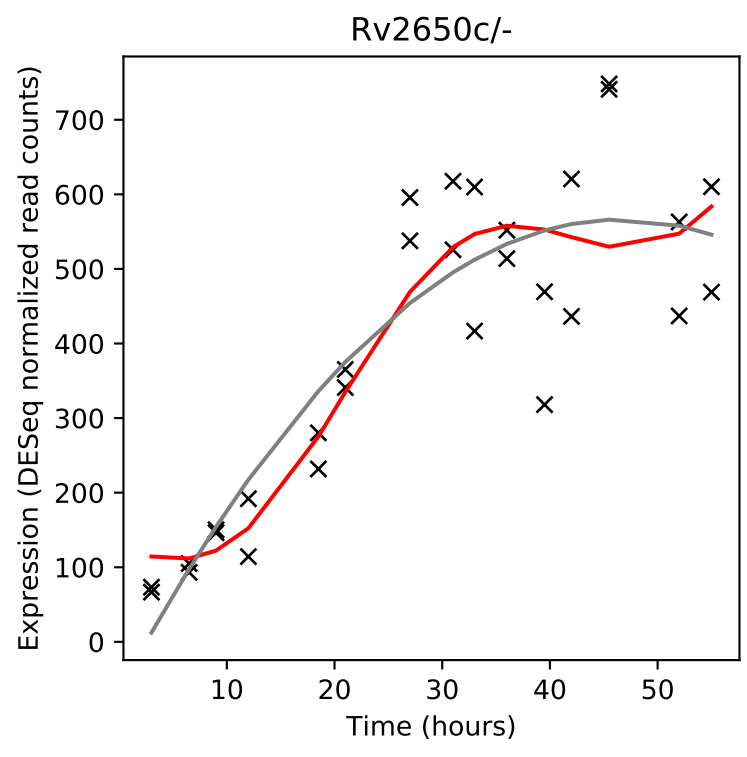

Rv2645/-
Expression (DESeq normalized read counts)
Time (hours)

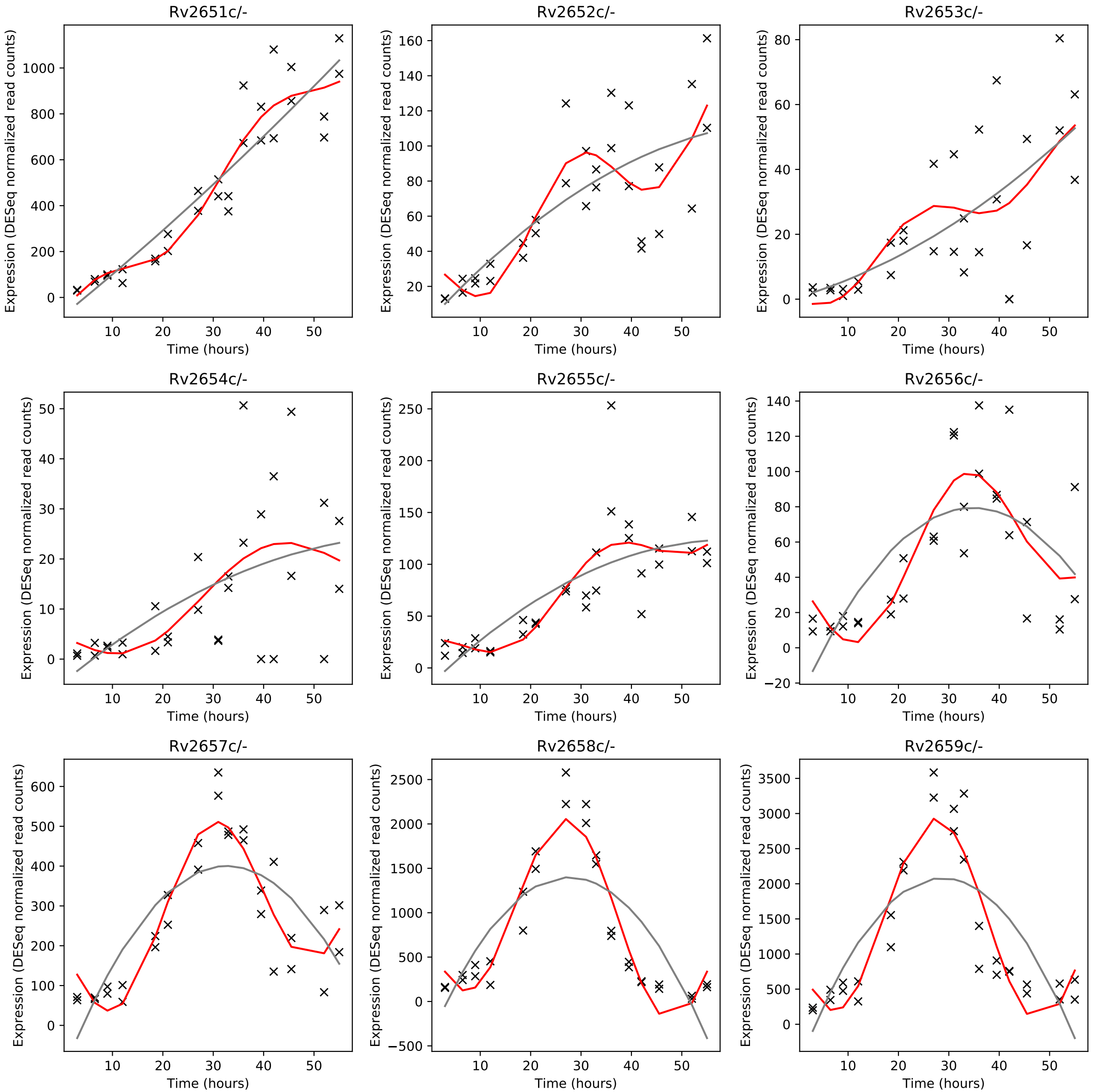

Rv2646/-
Expression (DESeq normalized read counts)
Time (hours)

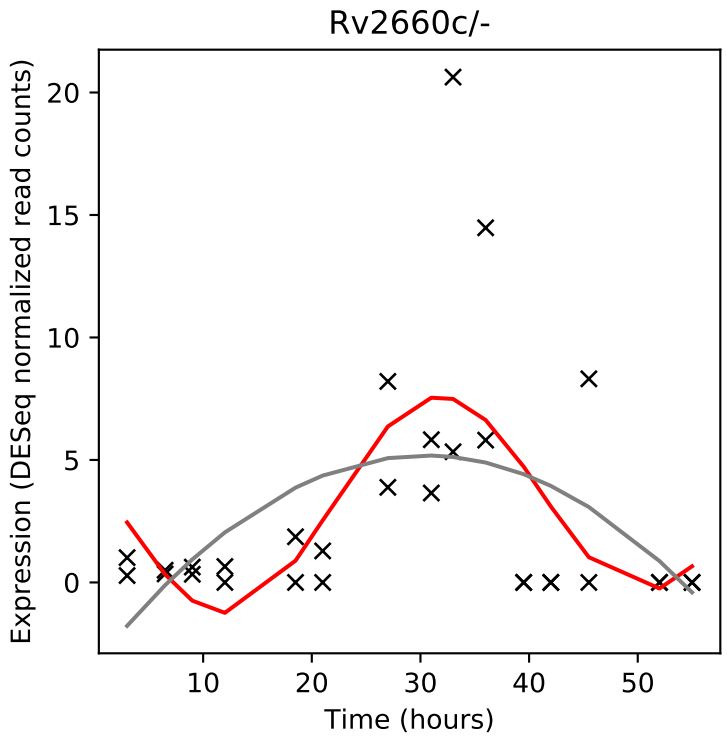

Rv2647/-
Expression (DESeq normalized read counts)
Time (hours)

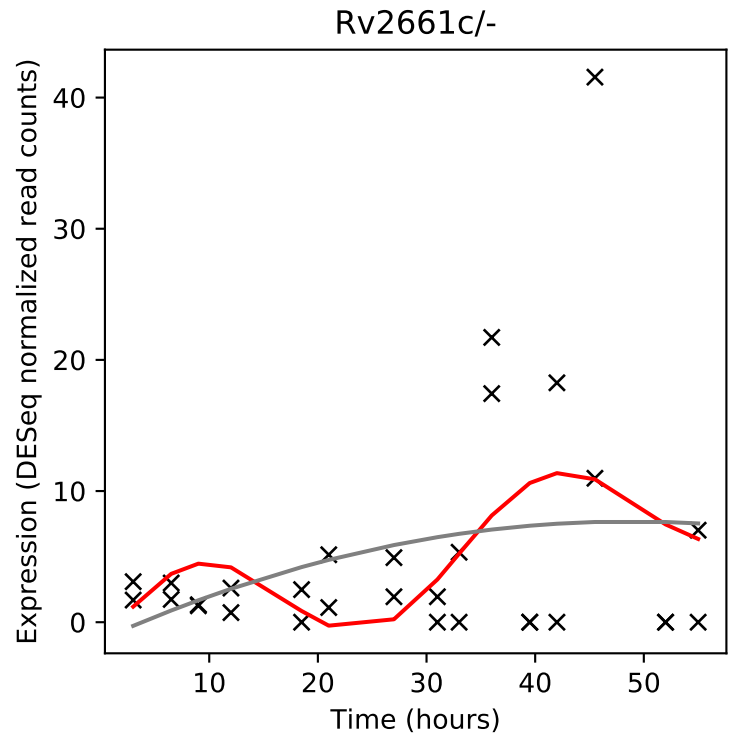

Rv2648/-
Expression (DESeq normalized read counts)
Time (hours)

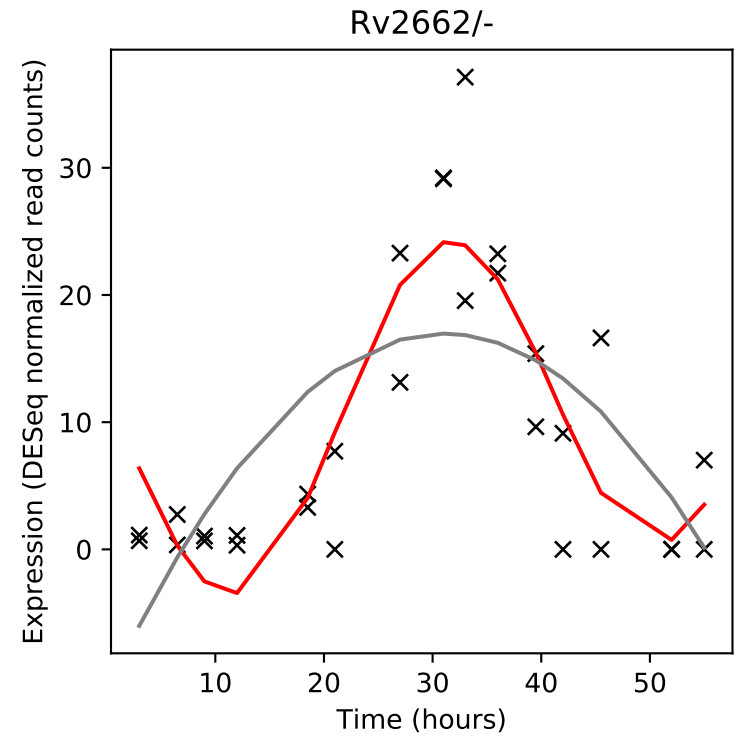

Rv2649/-
Expression (DESeq normalized read counts)
Time (hours)

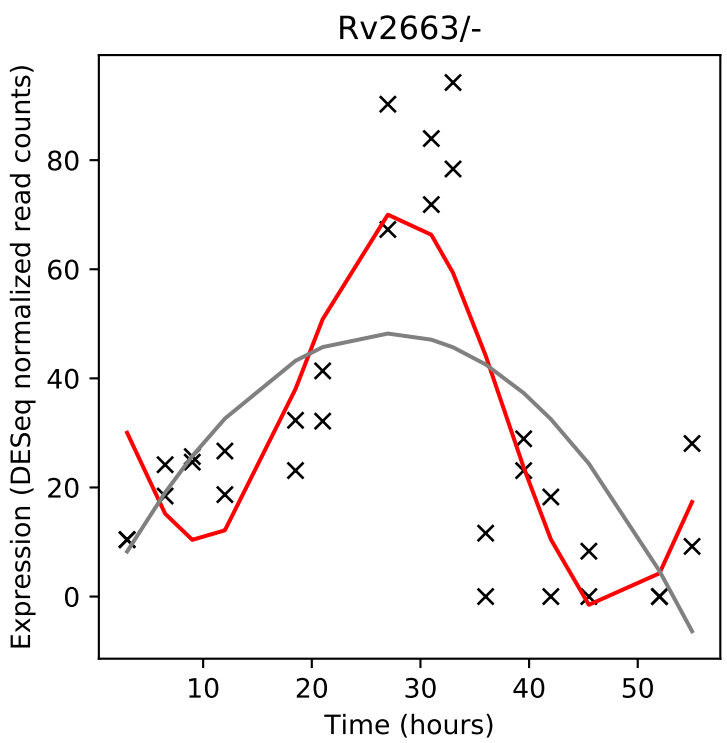

Rv2650c/-
Expression (DESeq normalized read counts)
Time (hours)

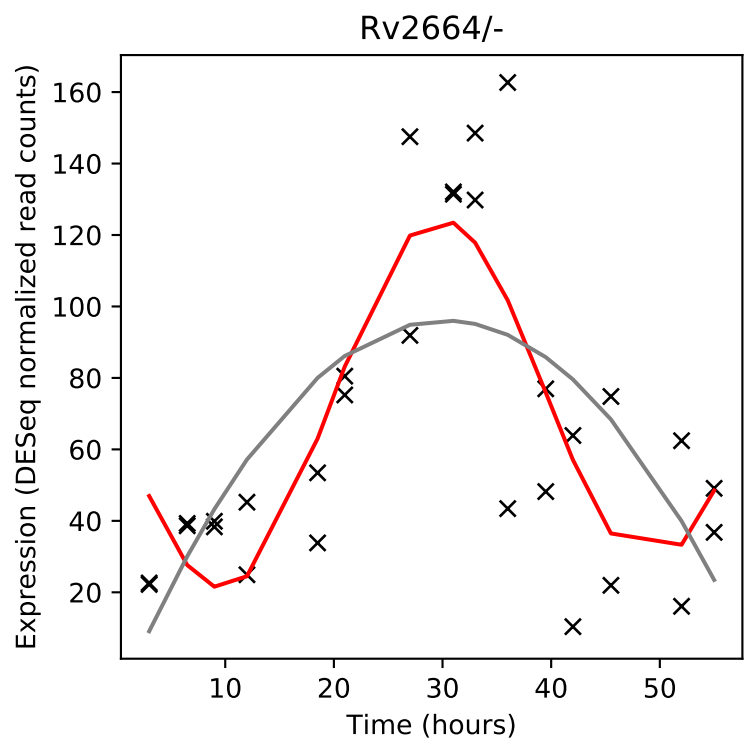

Rv2651c/-
Rv2652c/-
Rv2653c/-
Rv2654c/-
Rv2655c/-
Rv2656c/-
Rv2657c/-
Rv2658c/-
Rv2659c/-
Expression (DESeq normalized read counts)
Time (hours)

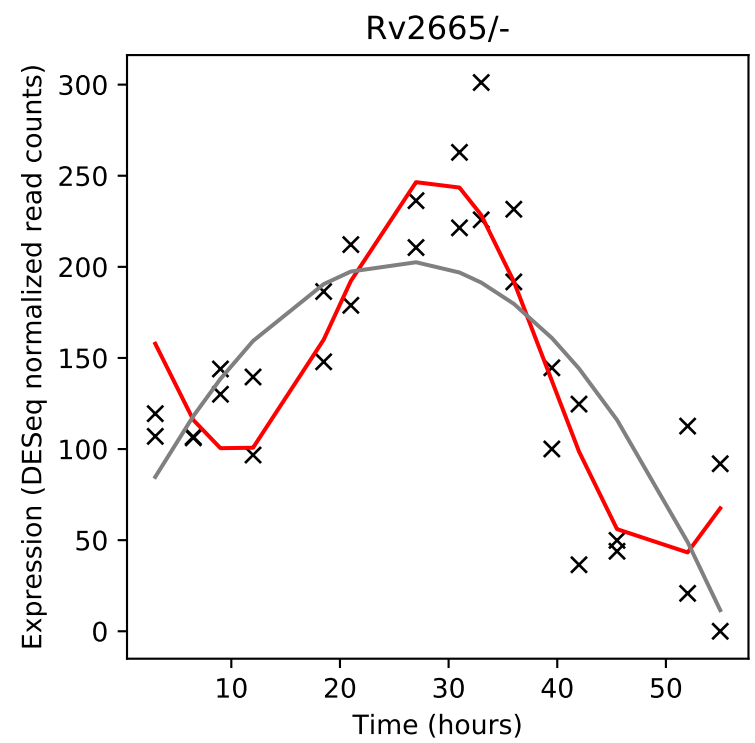

Rv2660c/-
Expression (DESeq normalized read counts)
Time (hours)

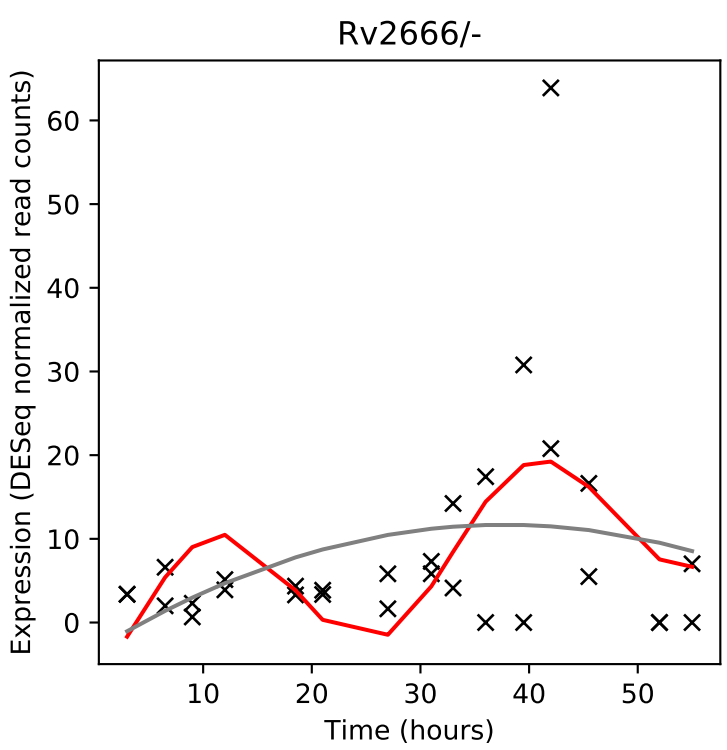

Rv2661c/-
Expression (DESeq normalized read counts)
Time (hours)

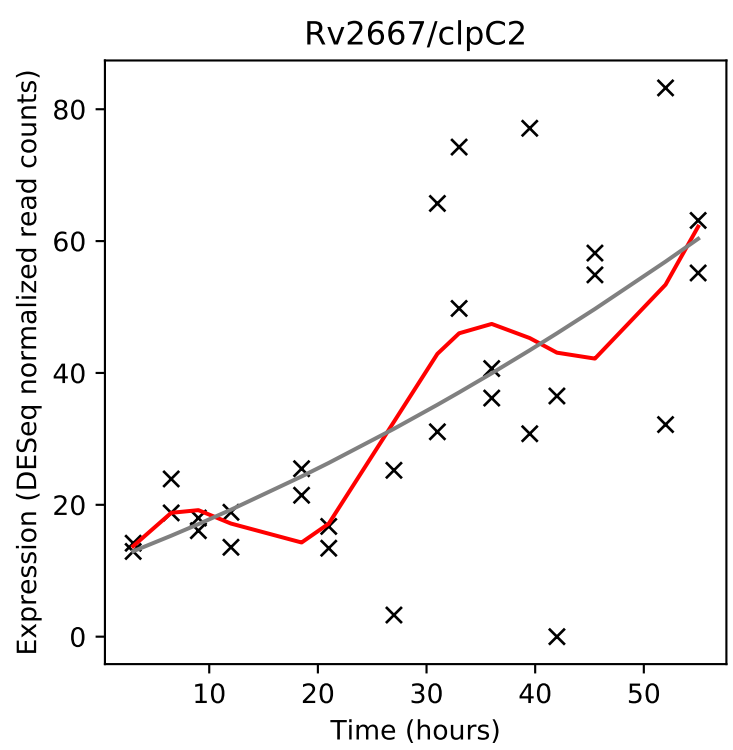

Rv2662/-
Expression (DESeq normalized read counts)
Time (hours)

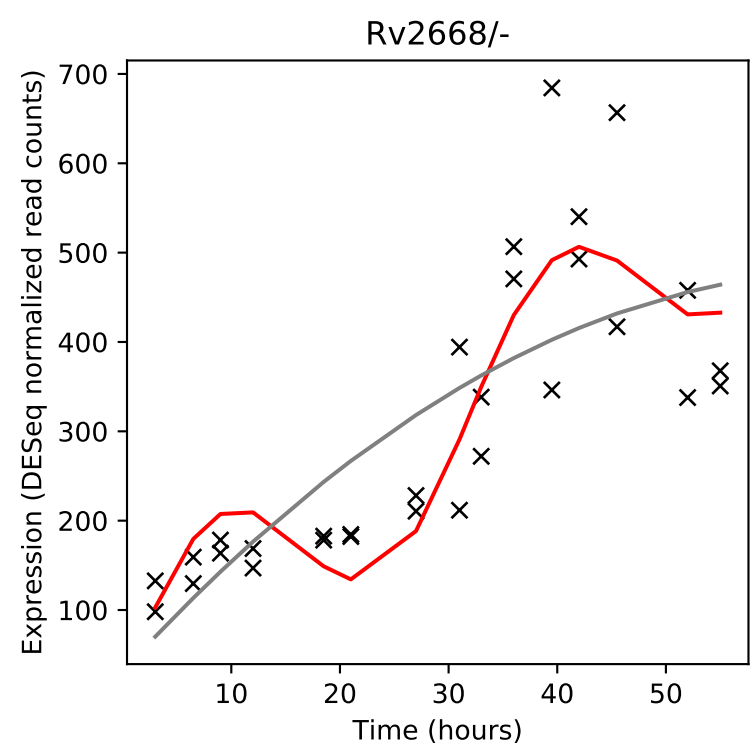

Rv2663/-
Expression (DESeq normalized read counts)
Time (hours)

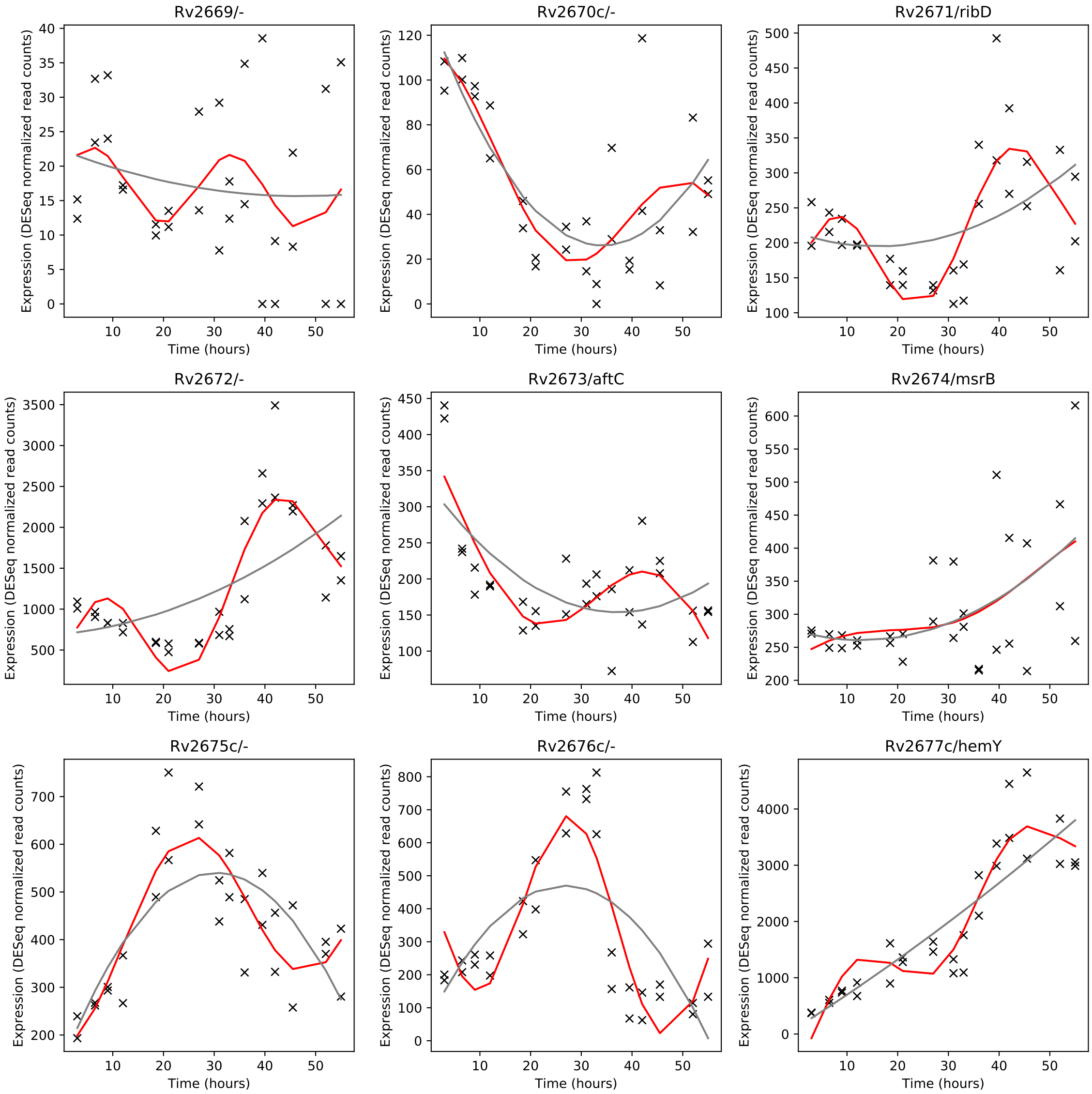

Rv2664/-
Expression (DESeq normalized read counts)
Time (hours)

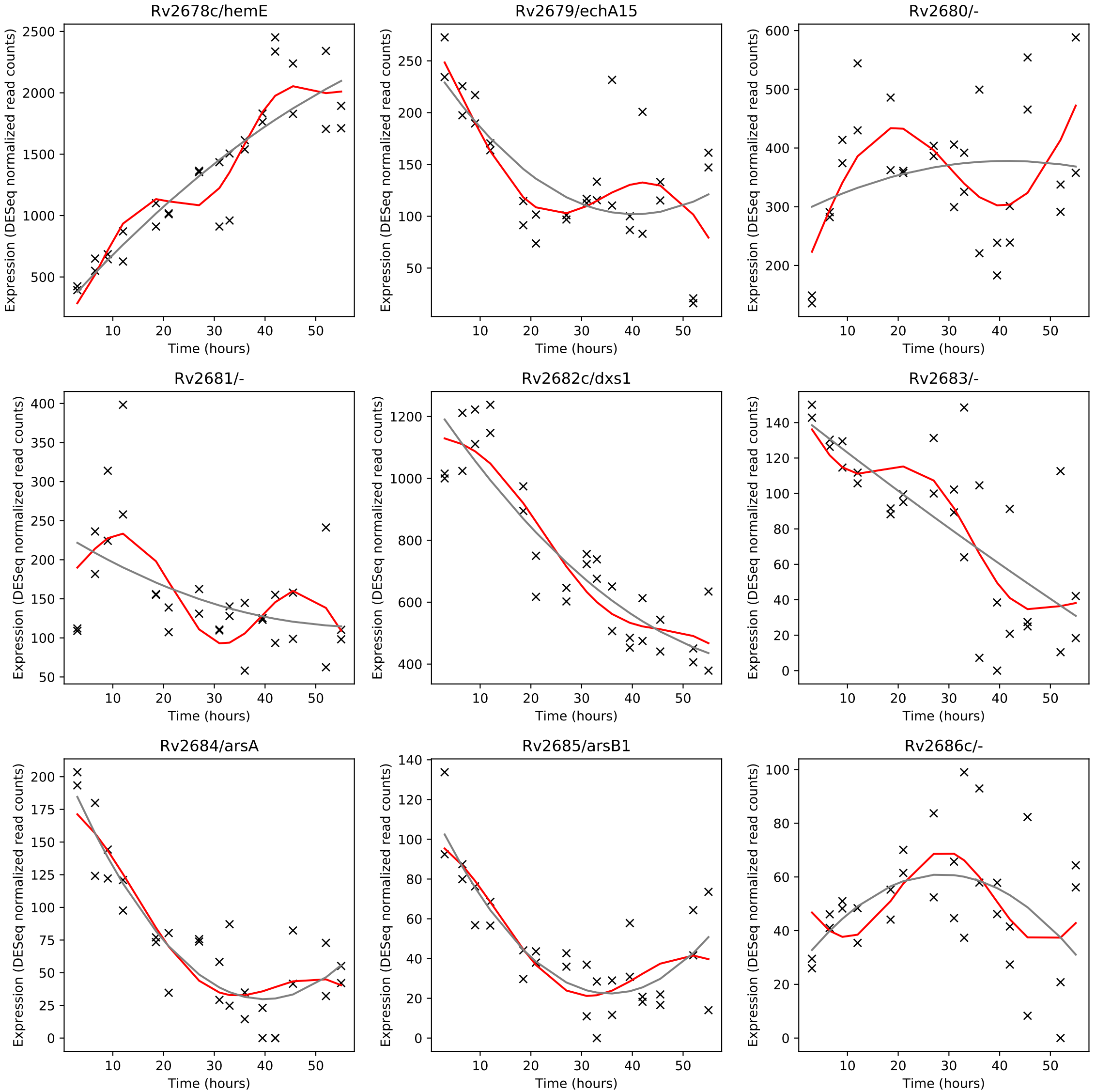

Rv2665/-
Expression (DESeq normalized read counts)
Time (hours)

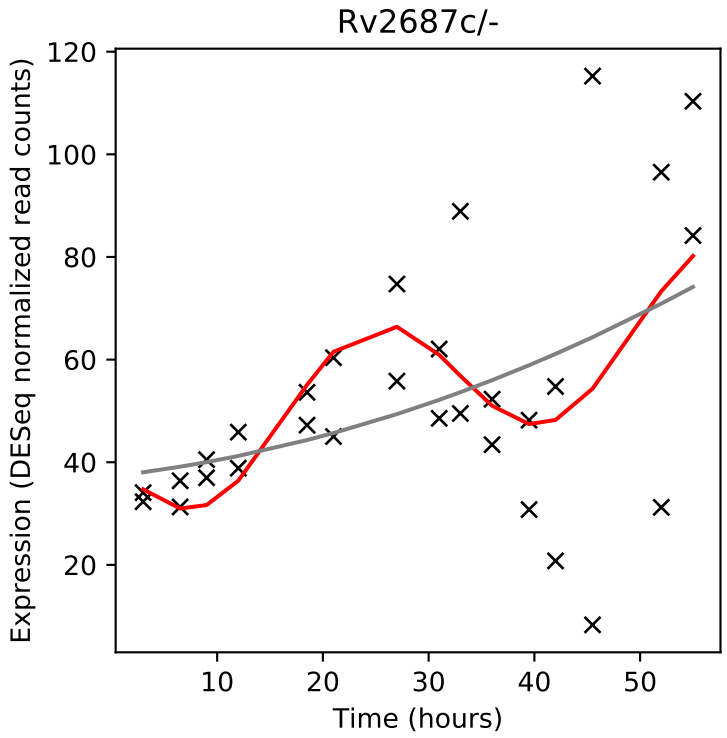

Rv2666/-
Expression (DESeq normalized read counts)
Time (hours)

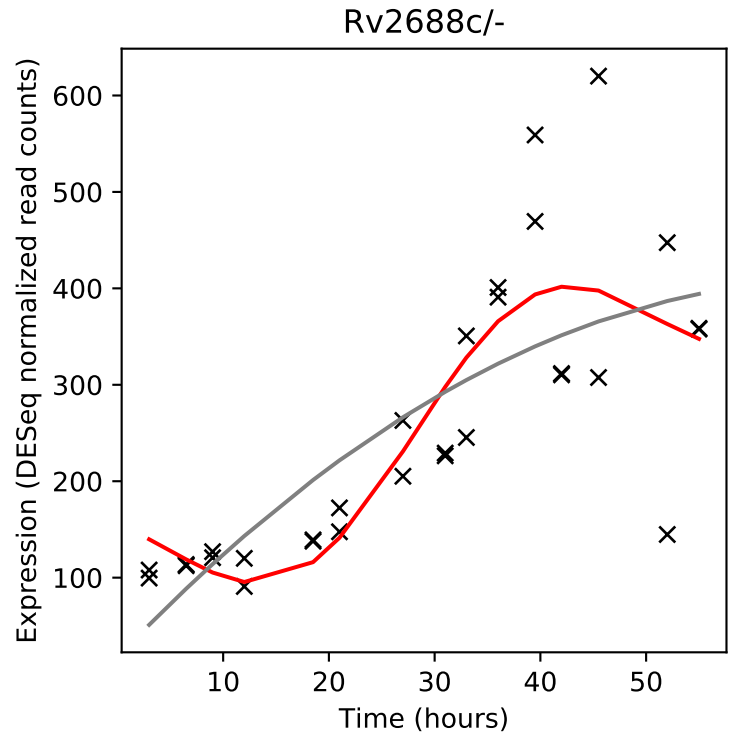

Rv2667/clpC2
Expression (DESeq normalized read counts)
Time (hours)

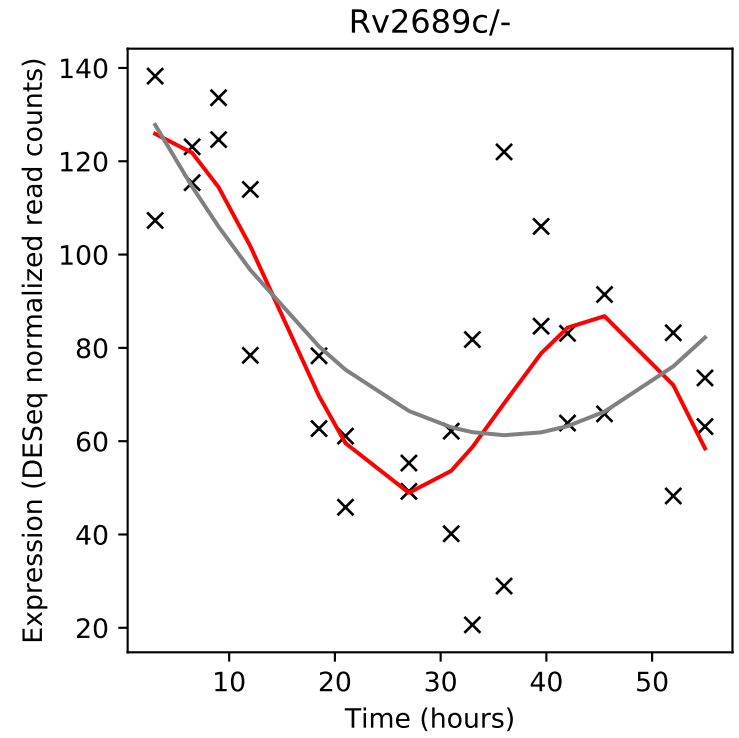

Rv2668/-
Expression (DESeq normalized read counts)
Time (hours)

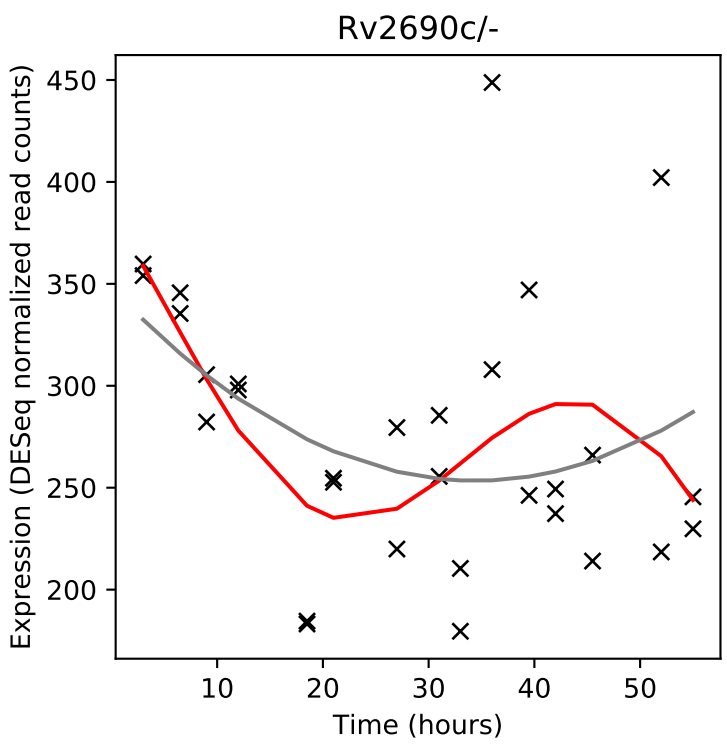

Rv2669/-
Rv2670c/-
Rv2671/ribD
Rv2672/-
Rv2673/aftC
Rv2674/msrB
Rv2675c/-
Rv2676c/-
Rv2677c/hemY
Expression (DESeq normalized read counts)
Time (hours)

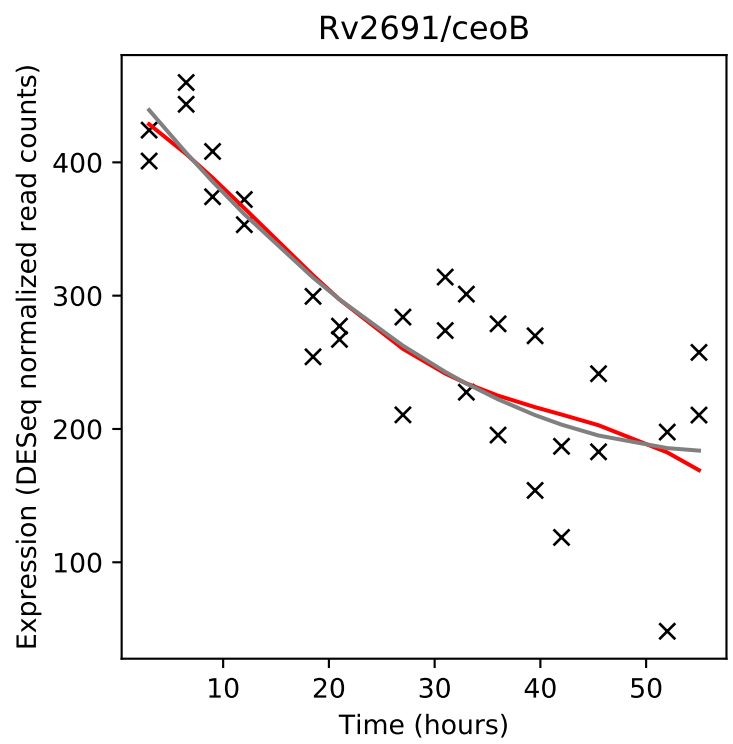

Rv2678c/hemE
Rv2679/echA15
Rv2680/-
Rv2681/-
Rv2682c/dxs1
Rv2683/-
Rv2684/arsA
Rv2685/arsB1
Rv2686c/-
Expression (DESeq normalized read counts)
Time (hours)

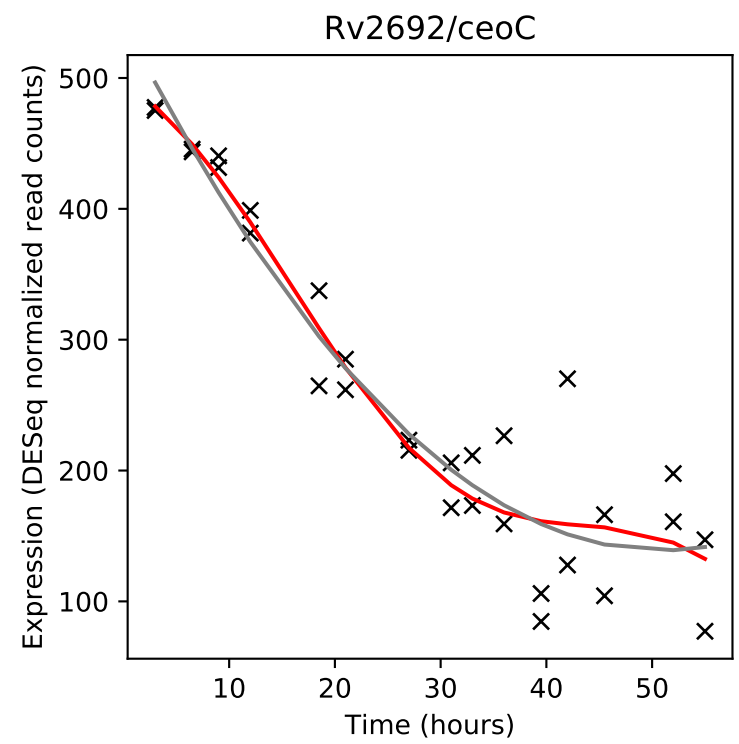

Rv2687c/-
Expression (DESeq normalized read counts)
Time (hours)

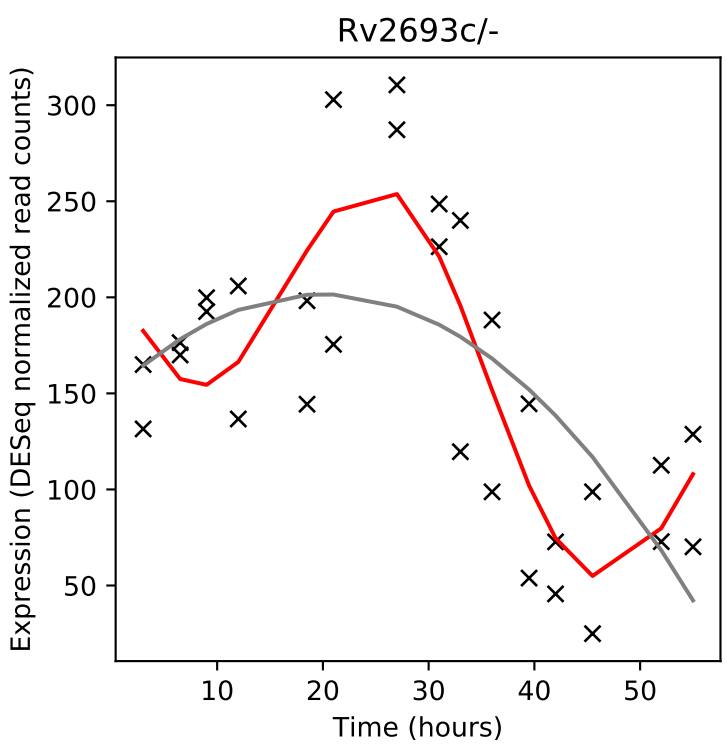

Rv2688c/-
Expression (DESeq normalized read counts)
Time (hours)

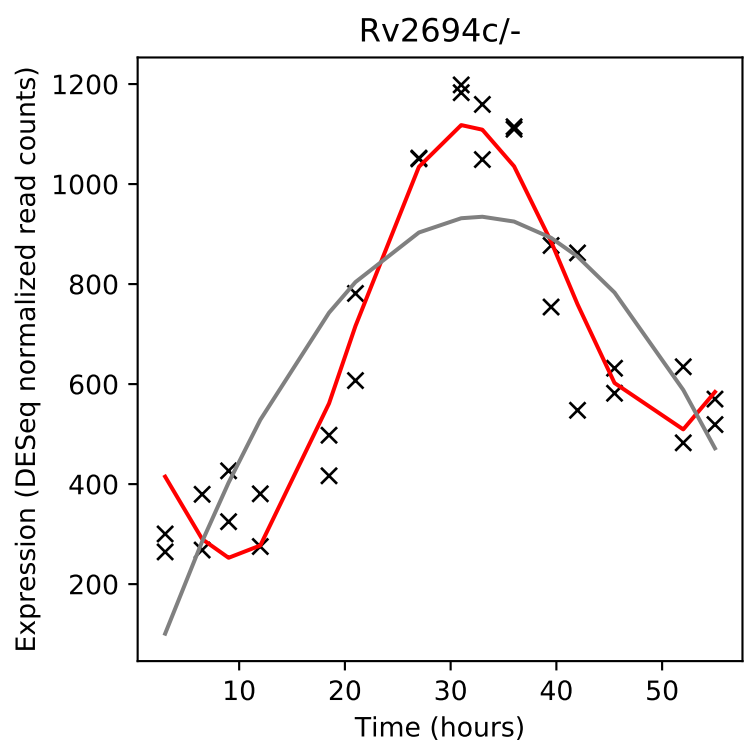

Rv2689c/-
Expression (DESeq normalized read counts)
Time (hours)

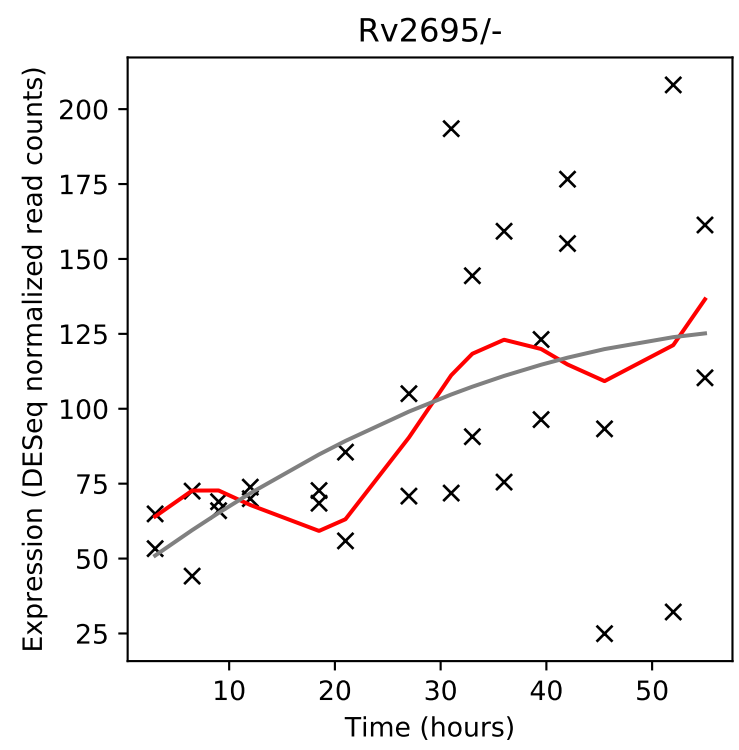

Rv2690c/-
Expression (DESeq normalized read counts)
Time (hours)

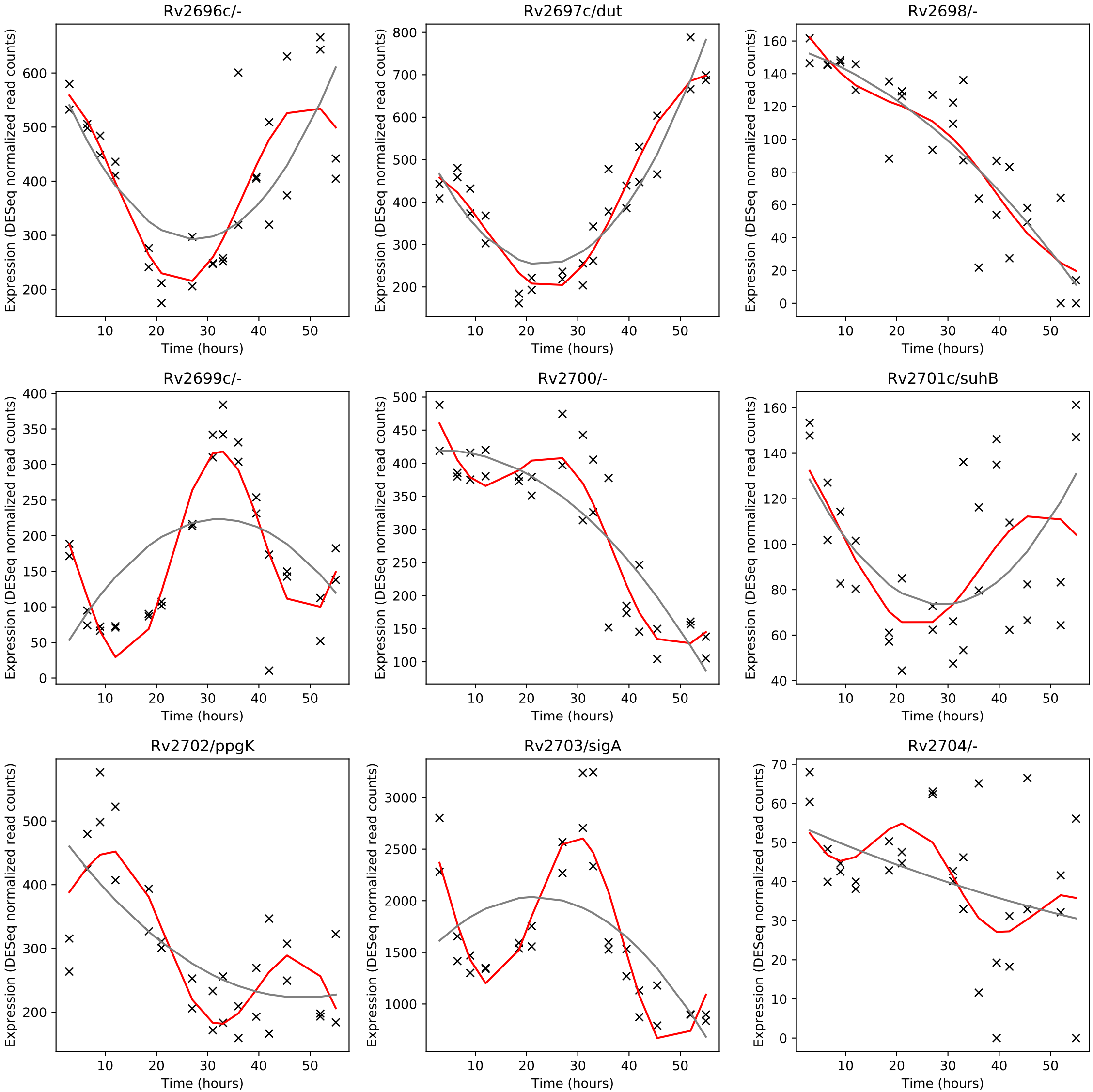

Rv2691/ceoB
Expression (DESeq normalized read counts)
Time (hours)

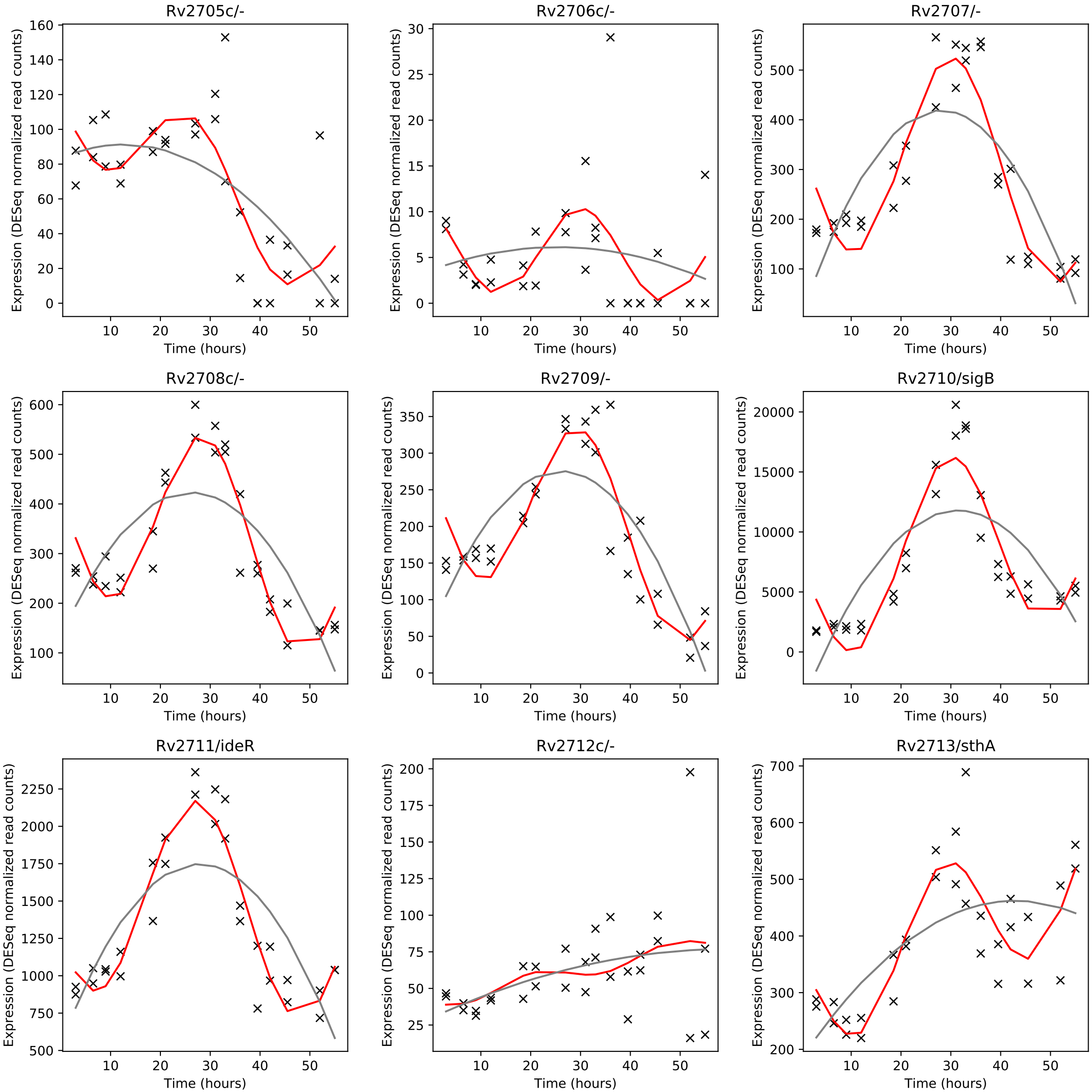

Rv2692/ceoC
Expression (DESeq normalized read counts)
Time (hours)

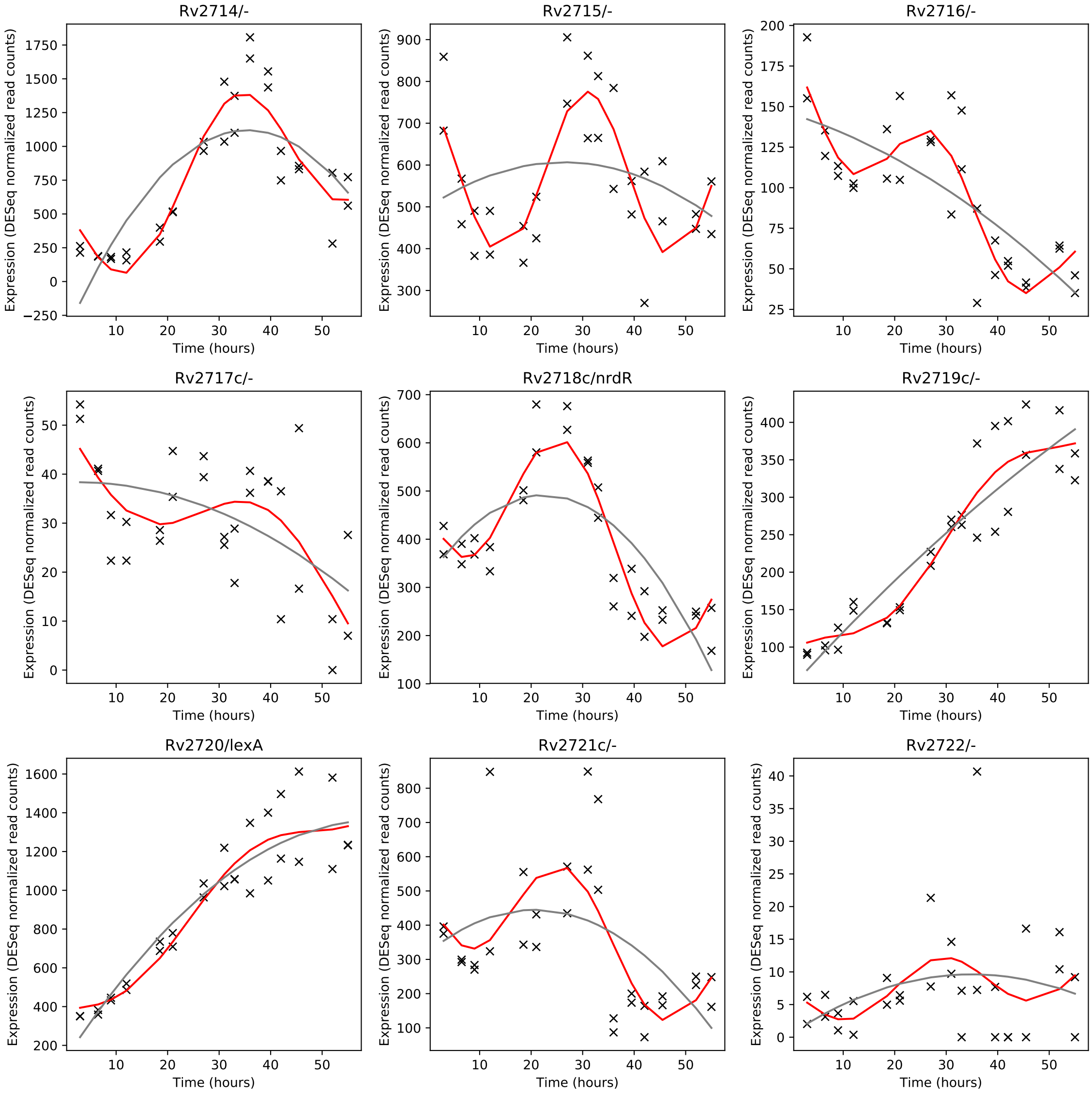

Rv2693c/-
Expression (DESeq normalized read counts)
Time (hours)

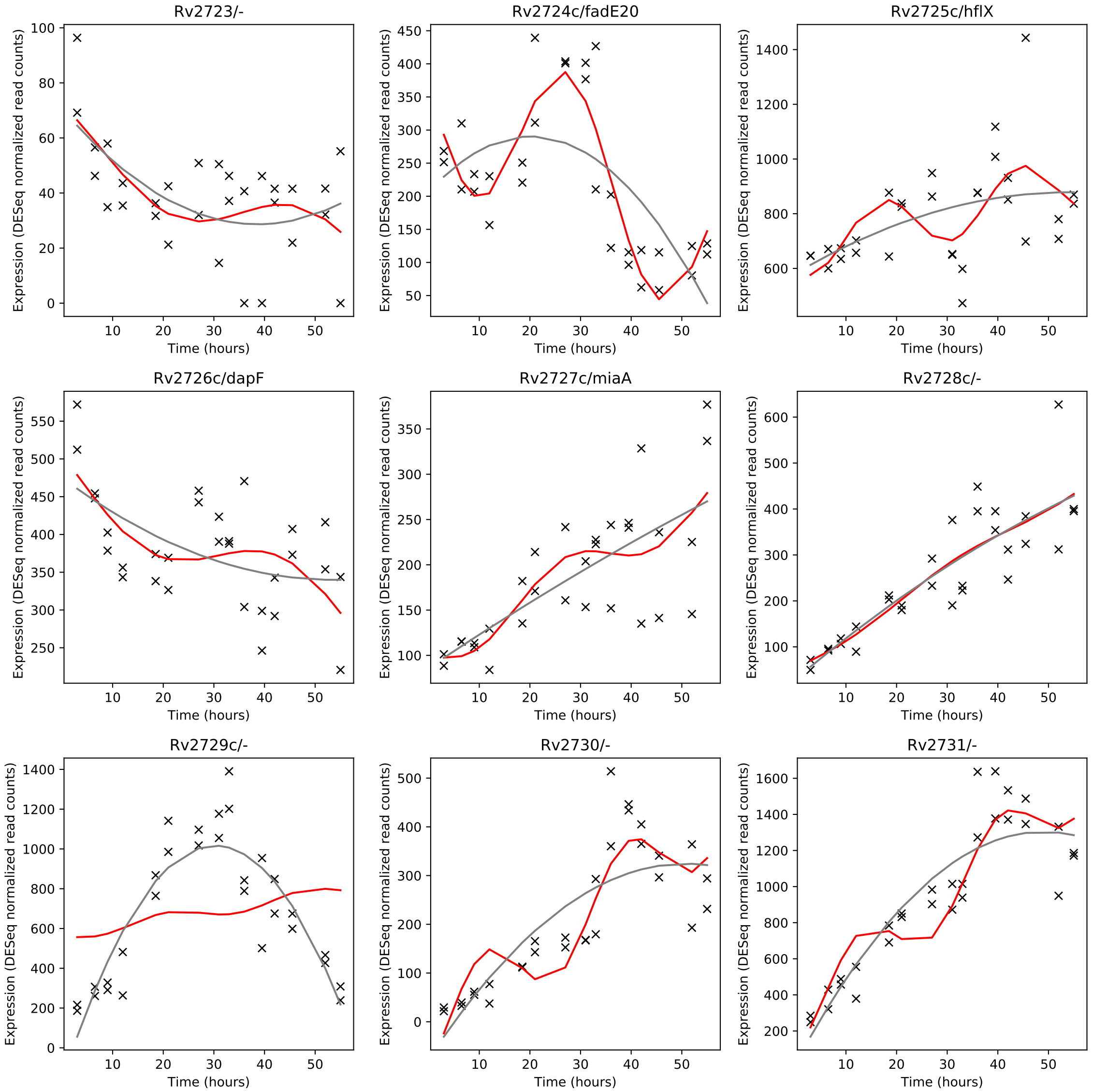

Rv2694c/-
Expression (DESeq normalized read counts)
Time (hours)

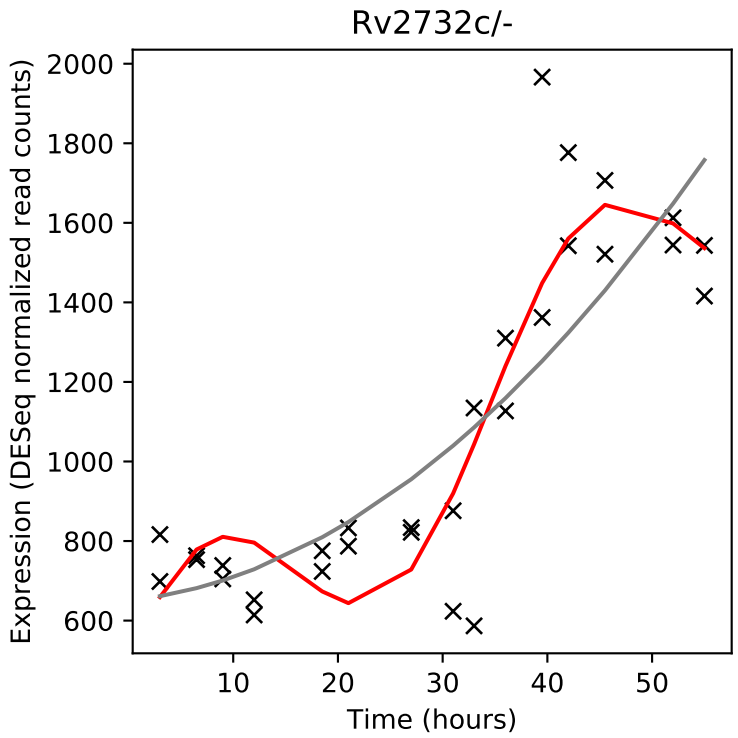

Rv2695/-
Expression (DESeq normalized read counts)
Time (hours)

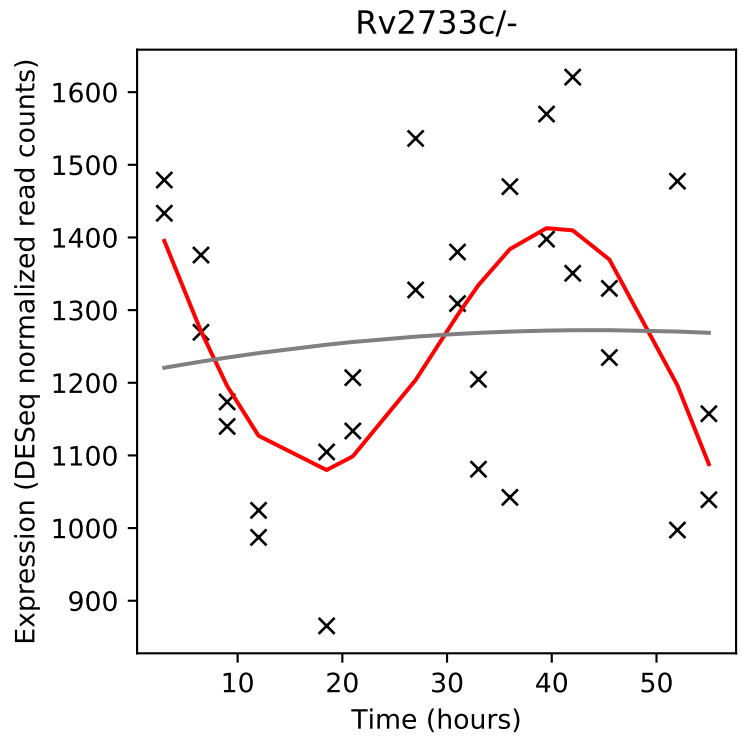

Rv2696c/-
Rv2697c/dut
Rv2698/-
Rv2699c/-
Rv2700/-
Rv2701c/suhB
Rv2702/ppgK
Rv2703/sigA
Rv2704/-
Expression (DESeq normalized read counts)
Time (hours)

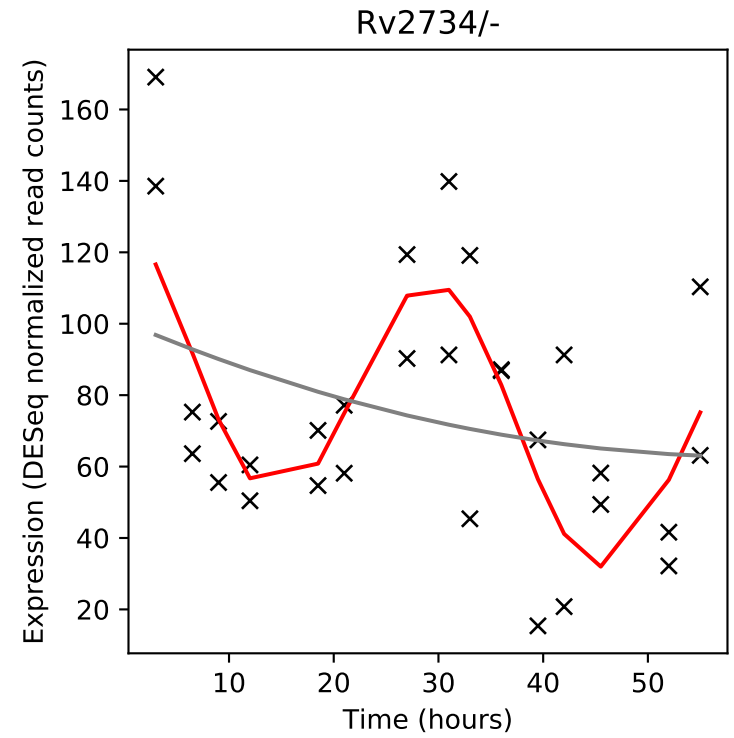

Rv2705c/-
Rv2706c/-
Rv2707/-
Rv2708c/-
Rv2709/-
Rv2710/sigB
Rv2711/ideR
Rv2712c/-
Rv2713/sthA
Expression (DESeq normalized read counts)
Time (hours)

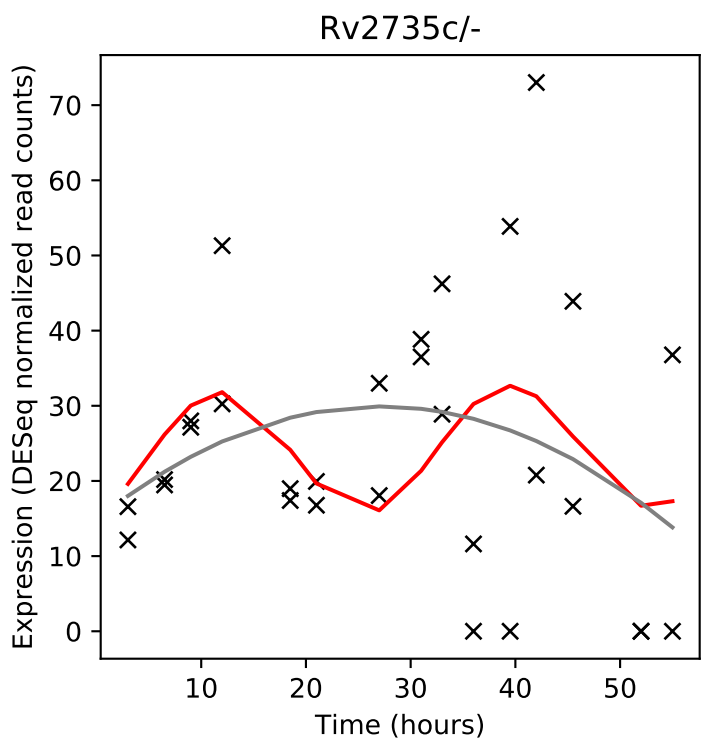

Rv2714/-
Rv2715/-
Rv2716/-
Rv2717c/-
Rv2718c/nrdR
Rv2719c/-
Rv2720/lexA
Rv2721c/-
Rv2722/-
Expression (DESeq normalized read counts)
Time (hours)

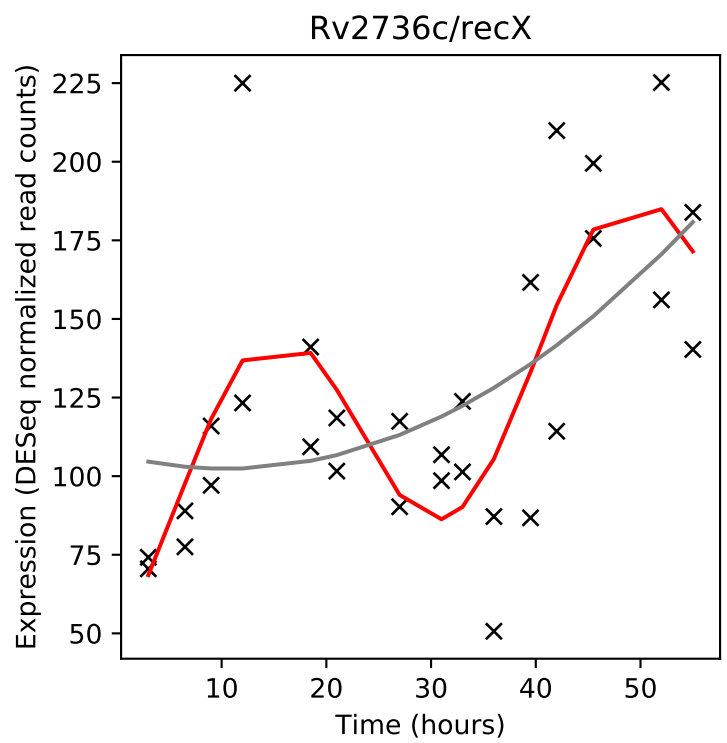

Rv2723/-
Rv2724c/fadE20
Rv2725c/hflX
Rv2726c/dapF
Rv2727c/miaA
Rv2728c/-
Rv2729c/-
Rv2730/-
Rv2731/-
Expression (DESeq normalized read counts)
Time (hours)

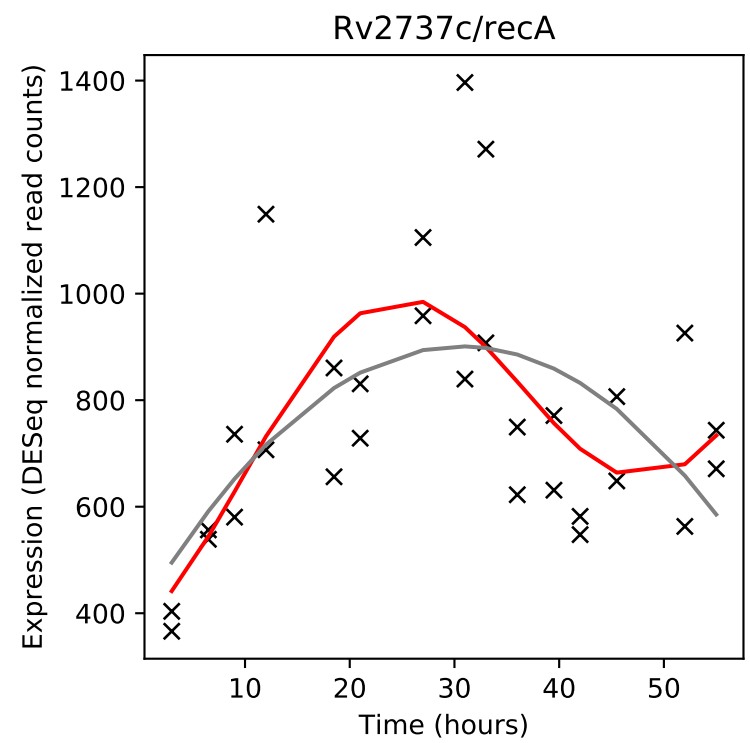

Rv2732c/-
Expression (DESeq normalized read counts)
Time (hours)

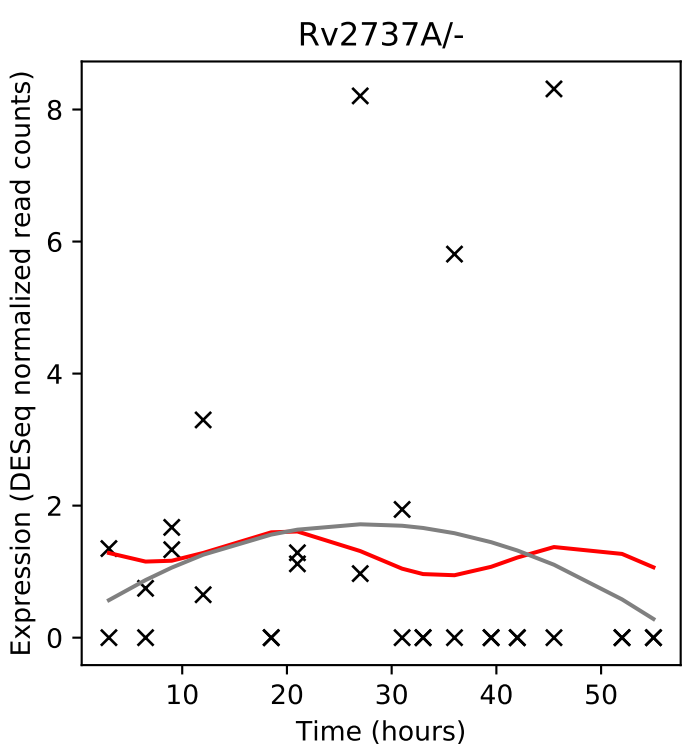

Rv2733c/-
Expression (DESeq normalized read counts)
Time (hours)

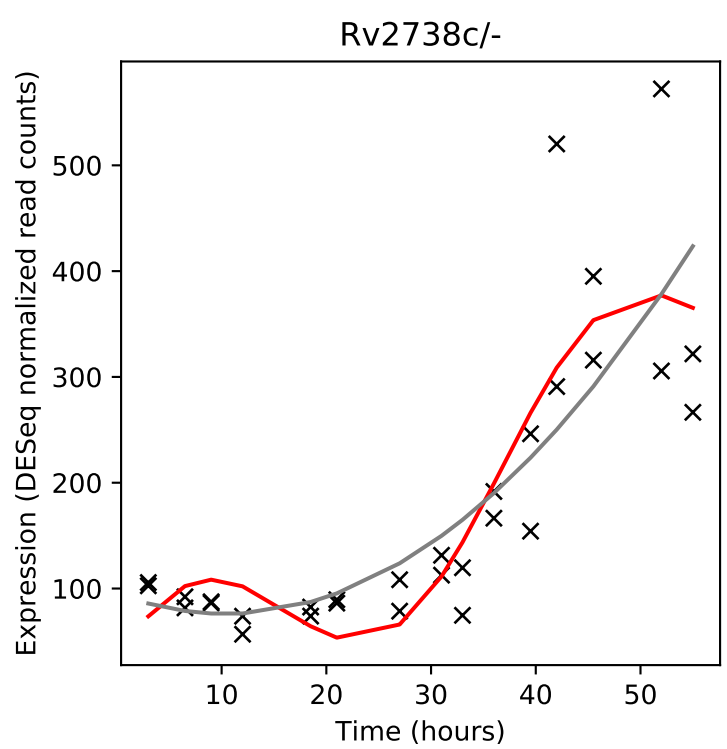

Rv2734/-
Expression (DESeq normalized read counts)
Time (hours)

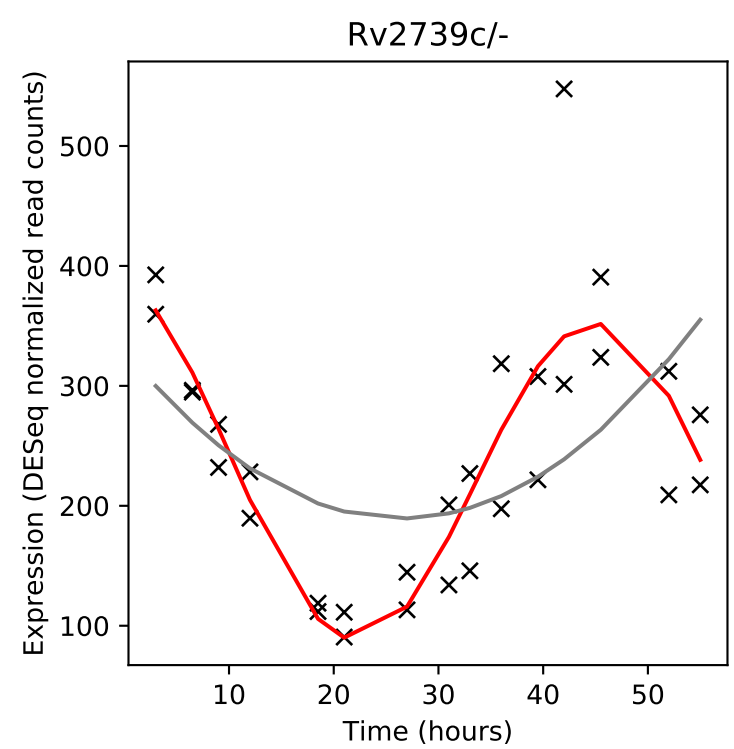

Rv2735c/-
Expression (DESeq normalized read counts)
Time (hours)

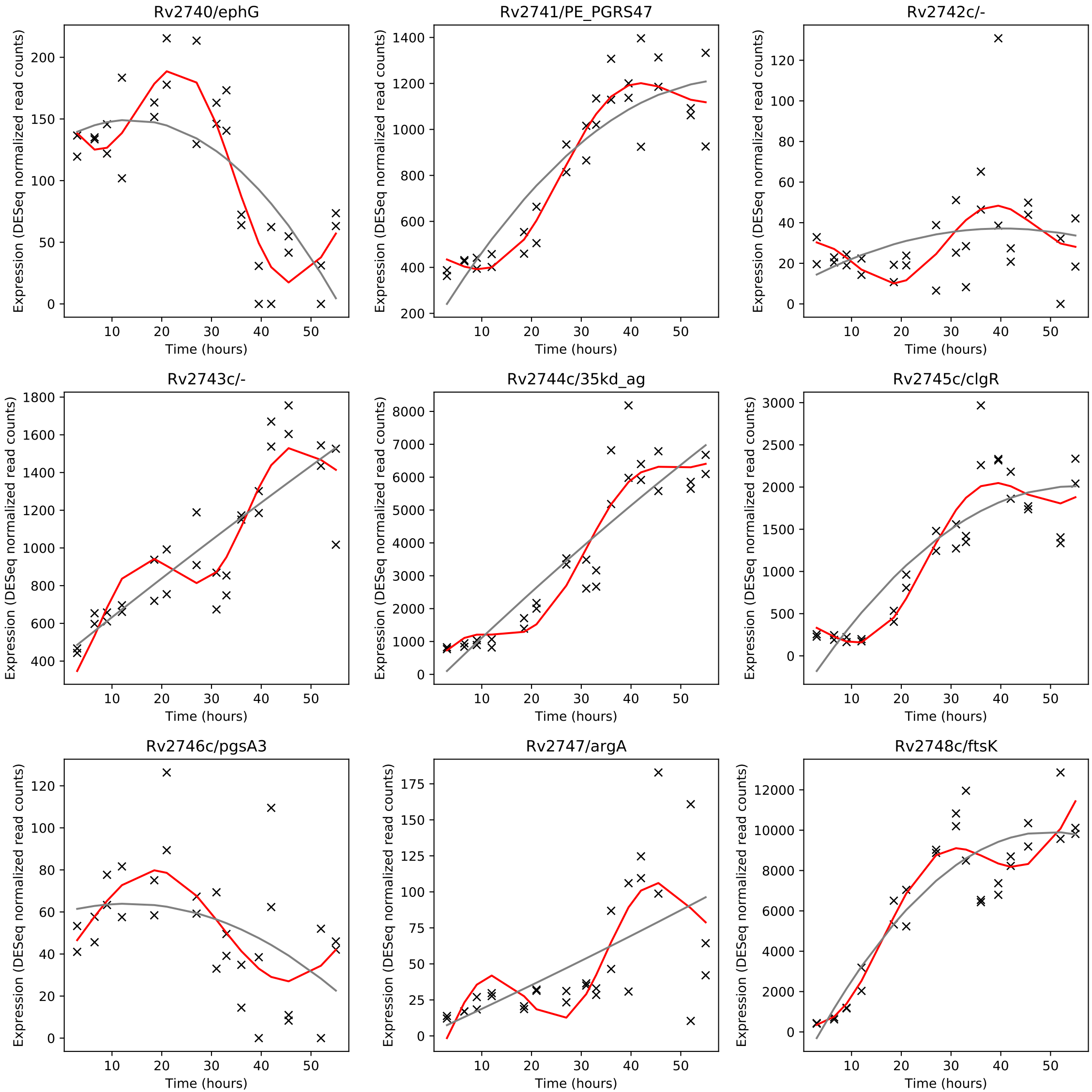

Rv2736c/recX
Expression (DESeq normalized read counts)
Time (hours)

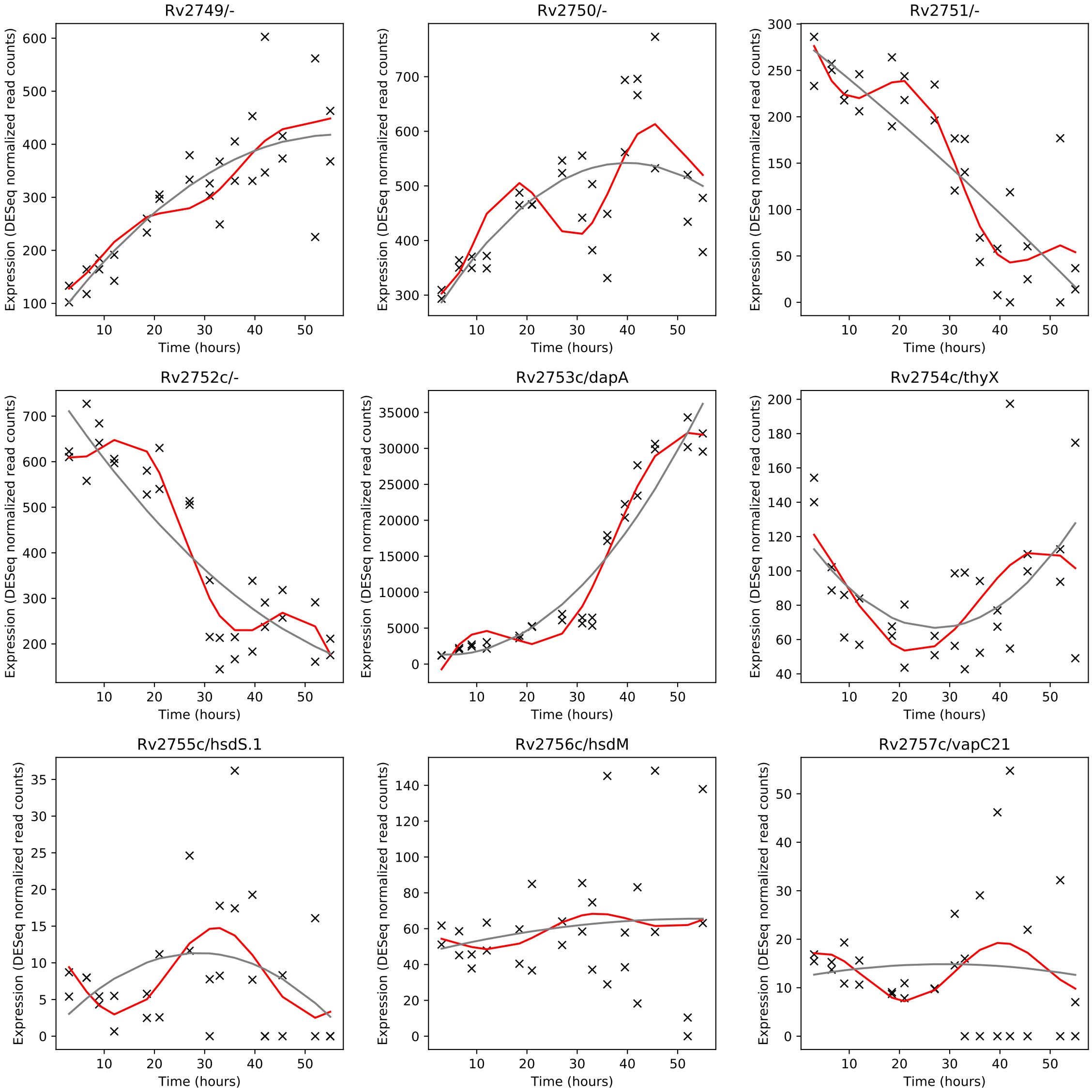

Rv2737c/recA
Expression (DESeq normalized read counts)
Time (hours)

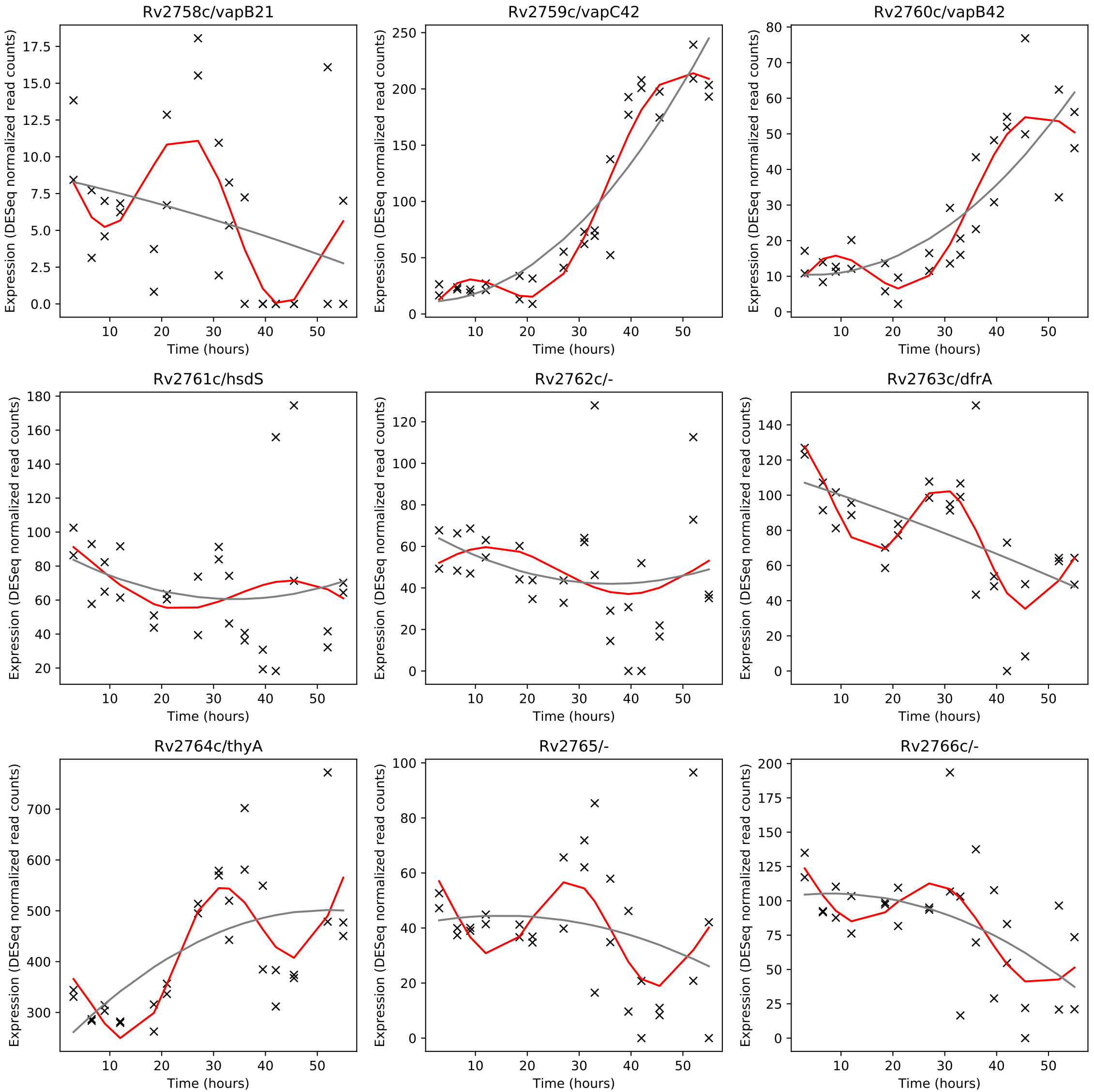

Rv2737A/-
Expression (DESeq normalized read counts)
Time (hours)

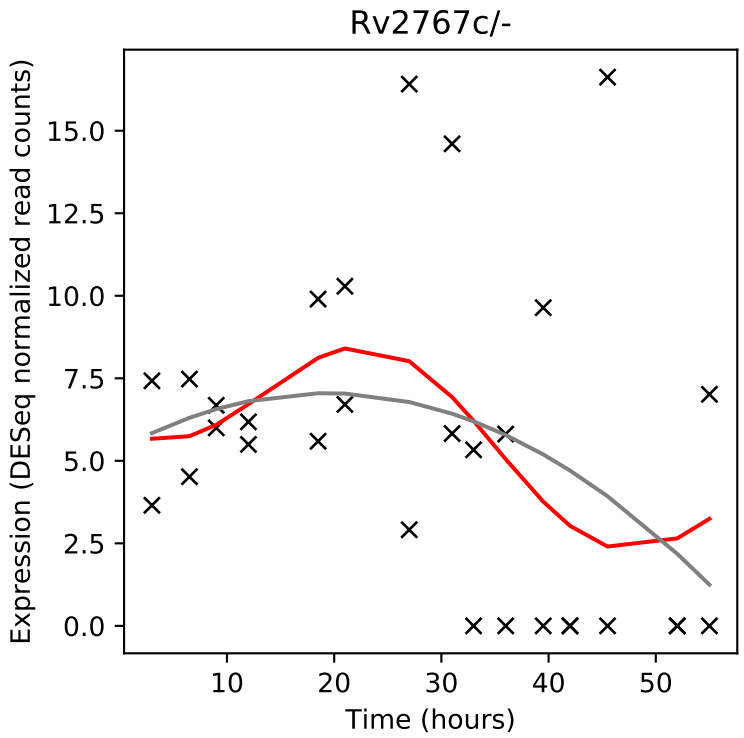

Rv2738c/-
Expression (DESeq normalized read counts)
Time (hours)

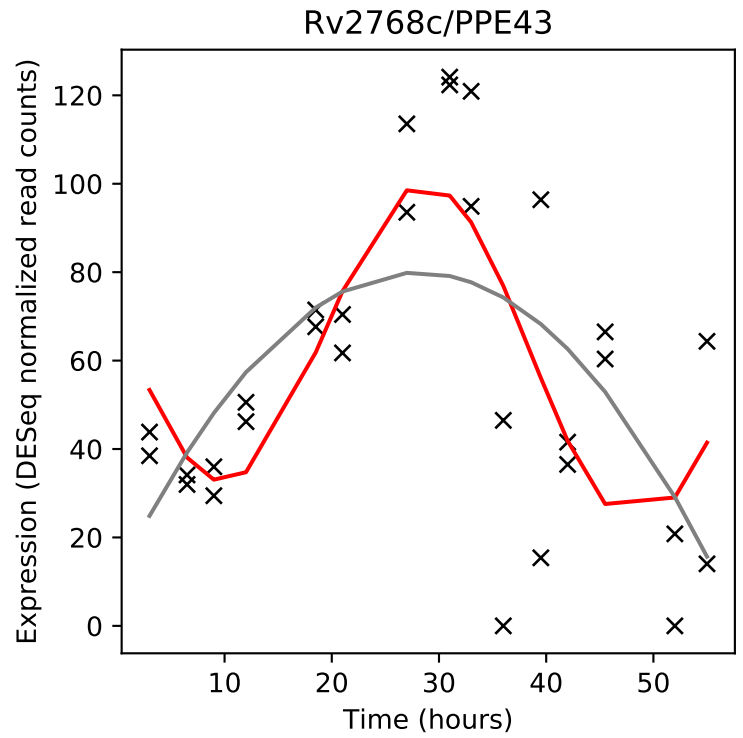

Rv2739c/-
Expression (DESeq normalized read counts)
Time (hours)

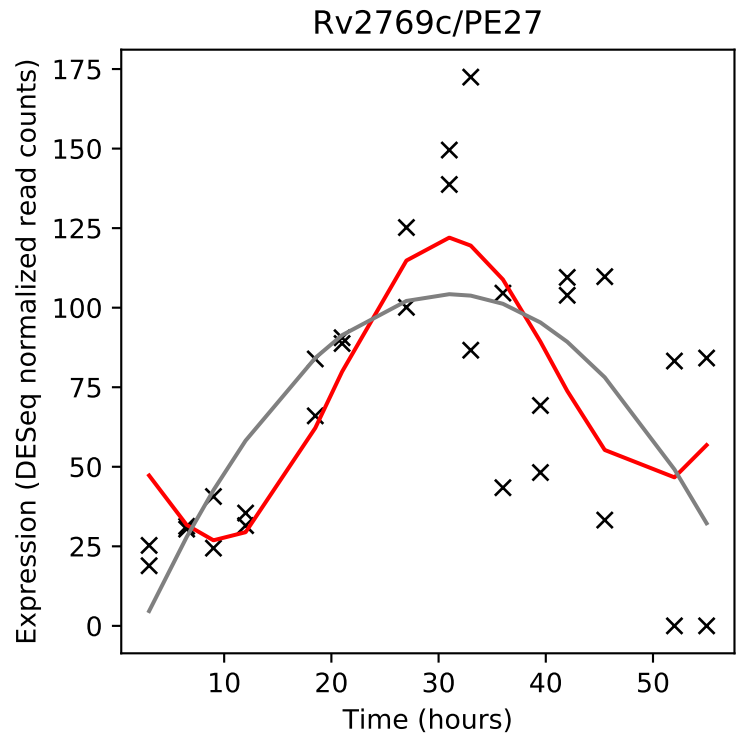

Rv2740/ephG
Rv2741/PE_PGRS47
Rv2742c/-
Rv2743c/-
Rv2744c/35kd_ag
Rv2745c/clgR
Rv2746c/pgsA3
Rv2747/argA
Rv2748c/ftsK
Expression (DESeq normalized read counts)
Time (hours)

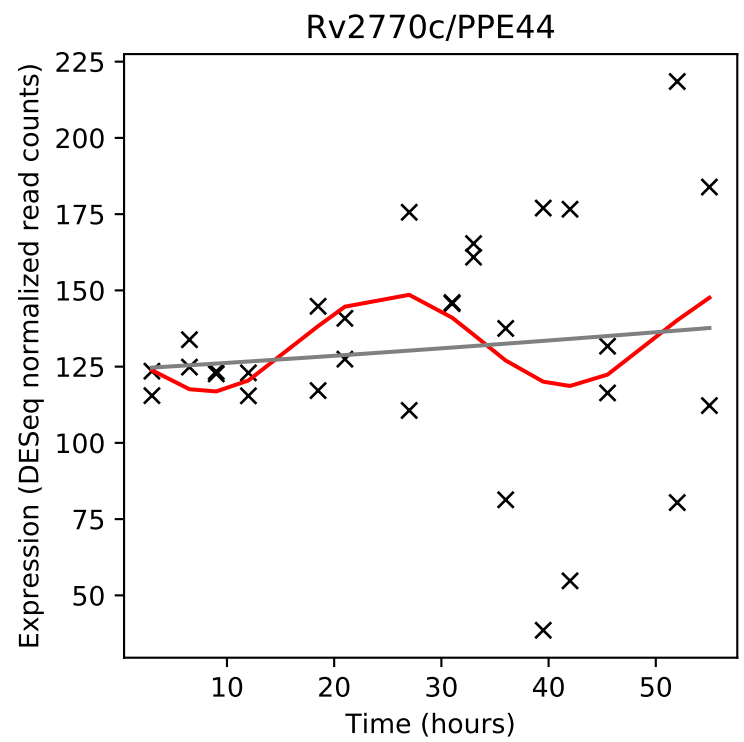

Rv2749/-
Rv2750/-
Rv2751/-
Rv2752c/-
Rv2753c/dapA
Rv2754c/thyX
Rv2755c/hsdS.1
Rv2756c/hsdM
Rv2757c/vapC21
Expression (DESeq normalized read counts)
Time (hours)

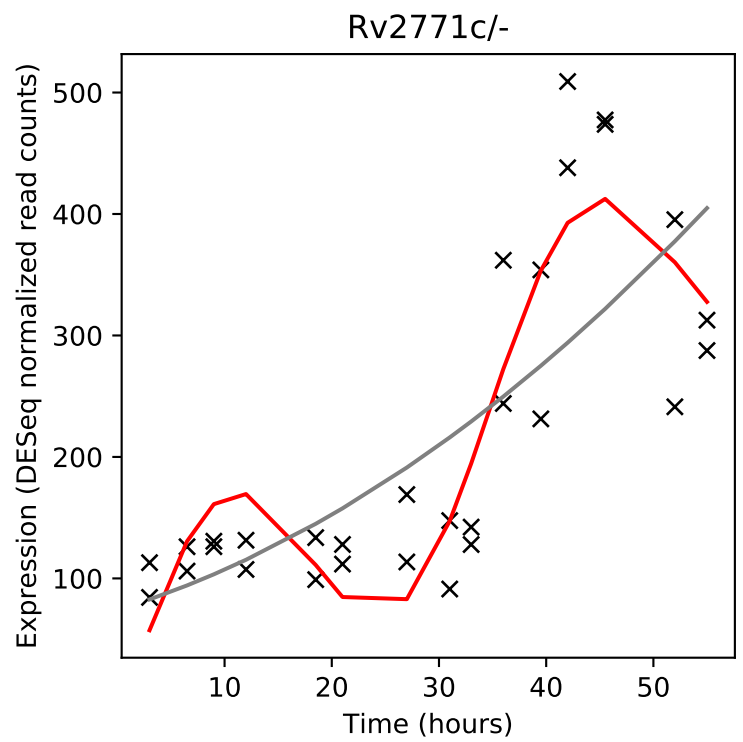

Rv2758c/vapB21
Rv2759c/vapC42
Rv2760c/vapB42
Rv2761c/hsdS
Rv2762c/-
Rv2763c/dfrA
Rv2764c/thyA
Rv2765/-
Rv2766c/-
Expression (DESeq normalized read counts)
Time (hours)

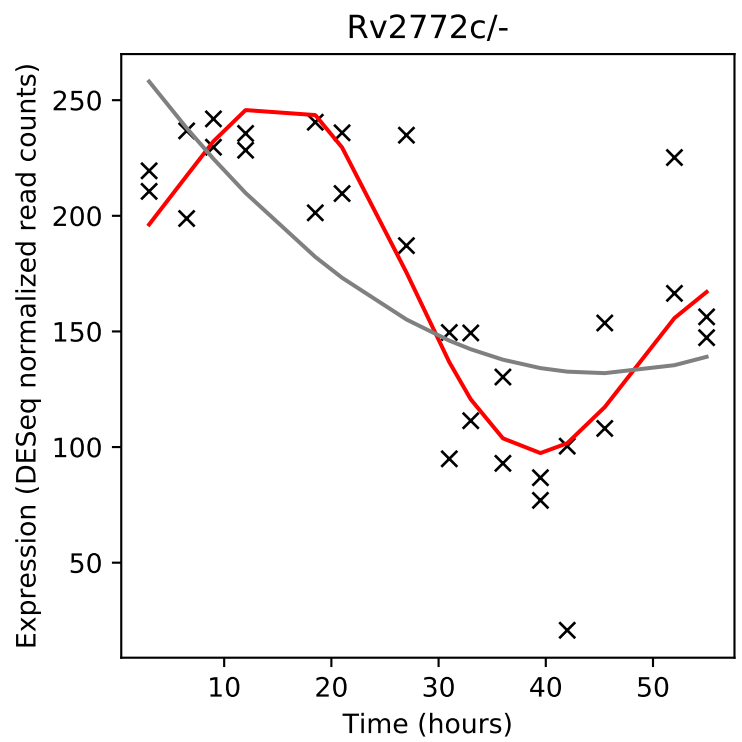

Rv2767c/-
Expression (DESeq normalized read counts)
Time (hours)

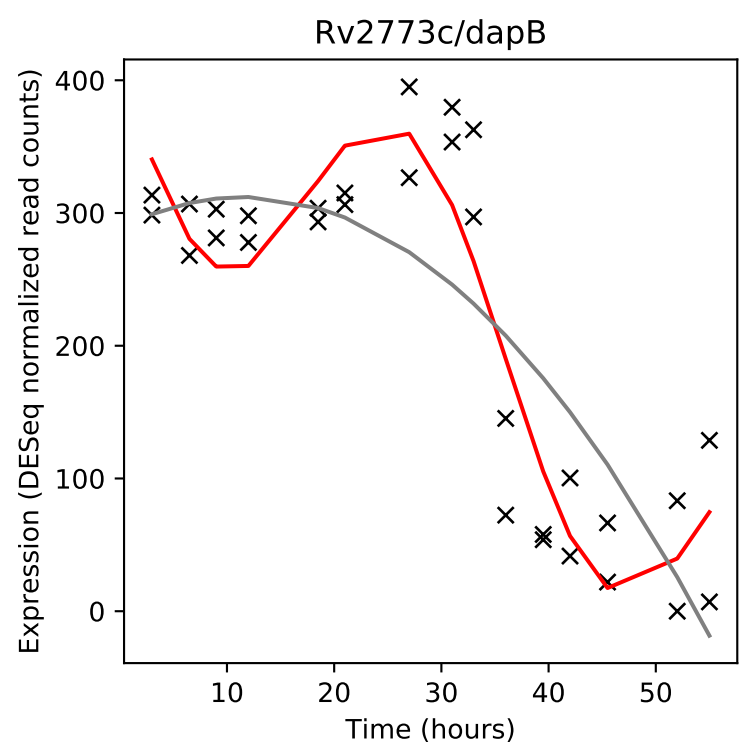

Rv2768c/PPE43
Expression (DESeq normalized read counts)
Time (hours)

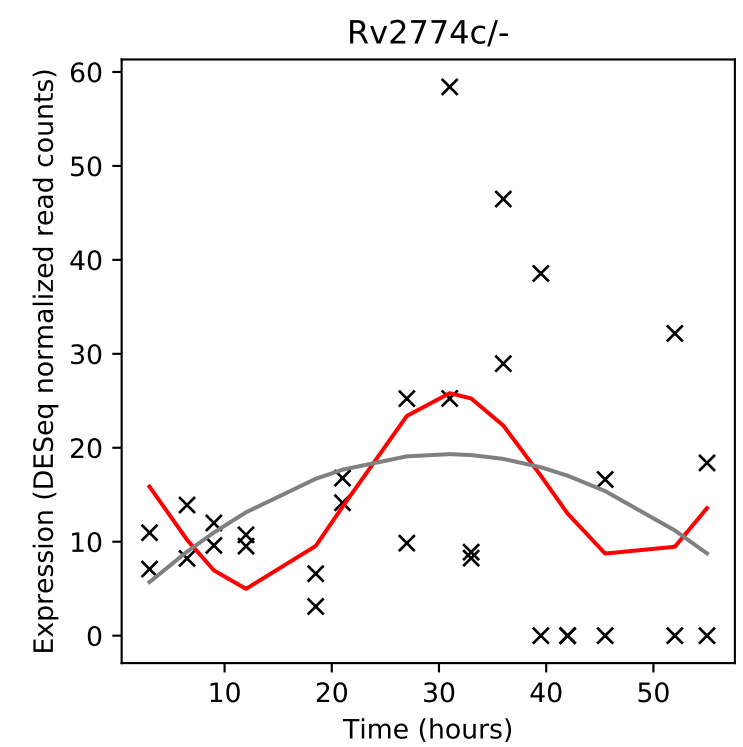

Rv2769c/PE27
Expression (DESeq normalized read counts)
Time (hours)

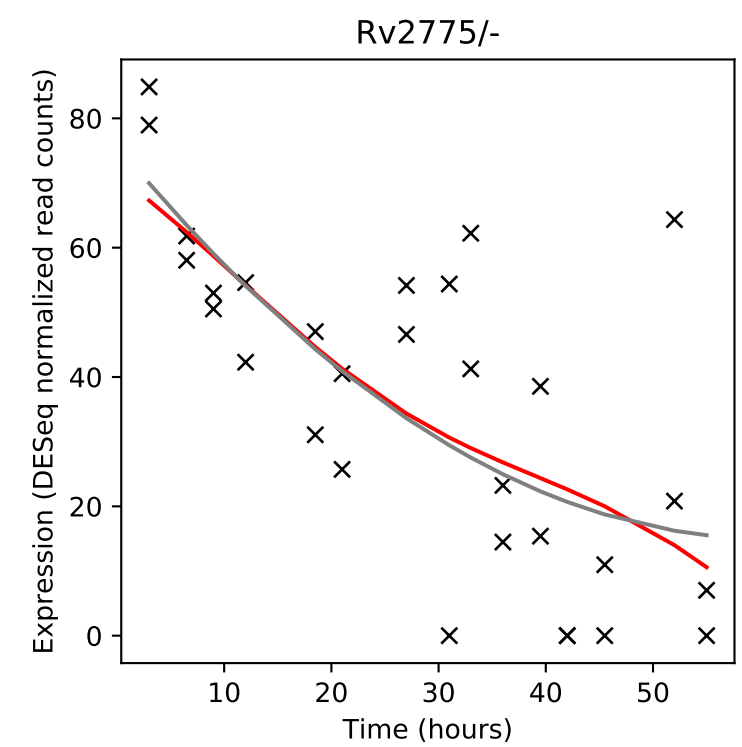

Rv2770c/PPE44
Expression (DESeq normalized read counts)
Time (hours)

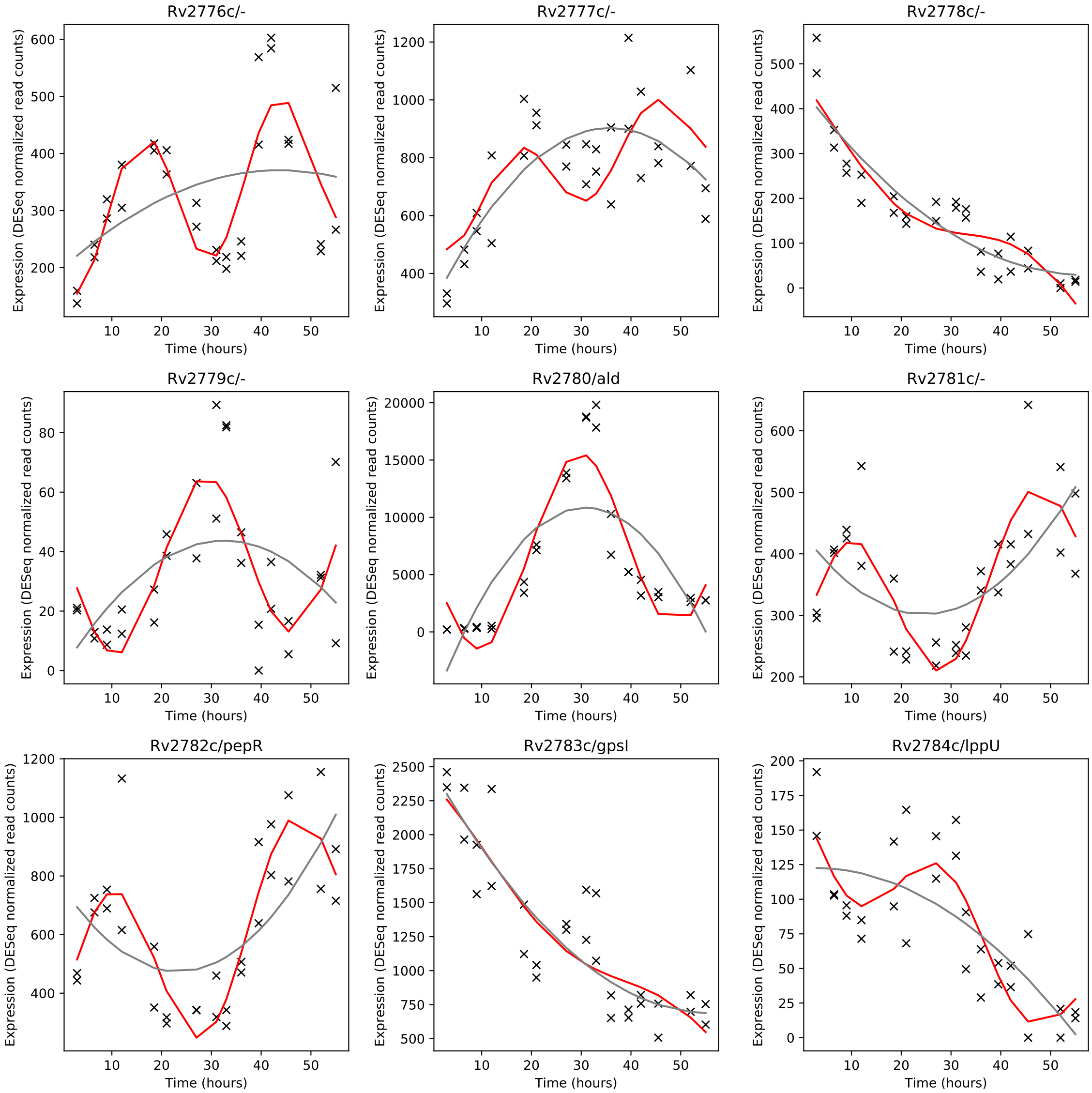

Rv2771c/-
Expression (DESeq normalized read counts)
Time (hours)

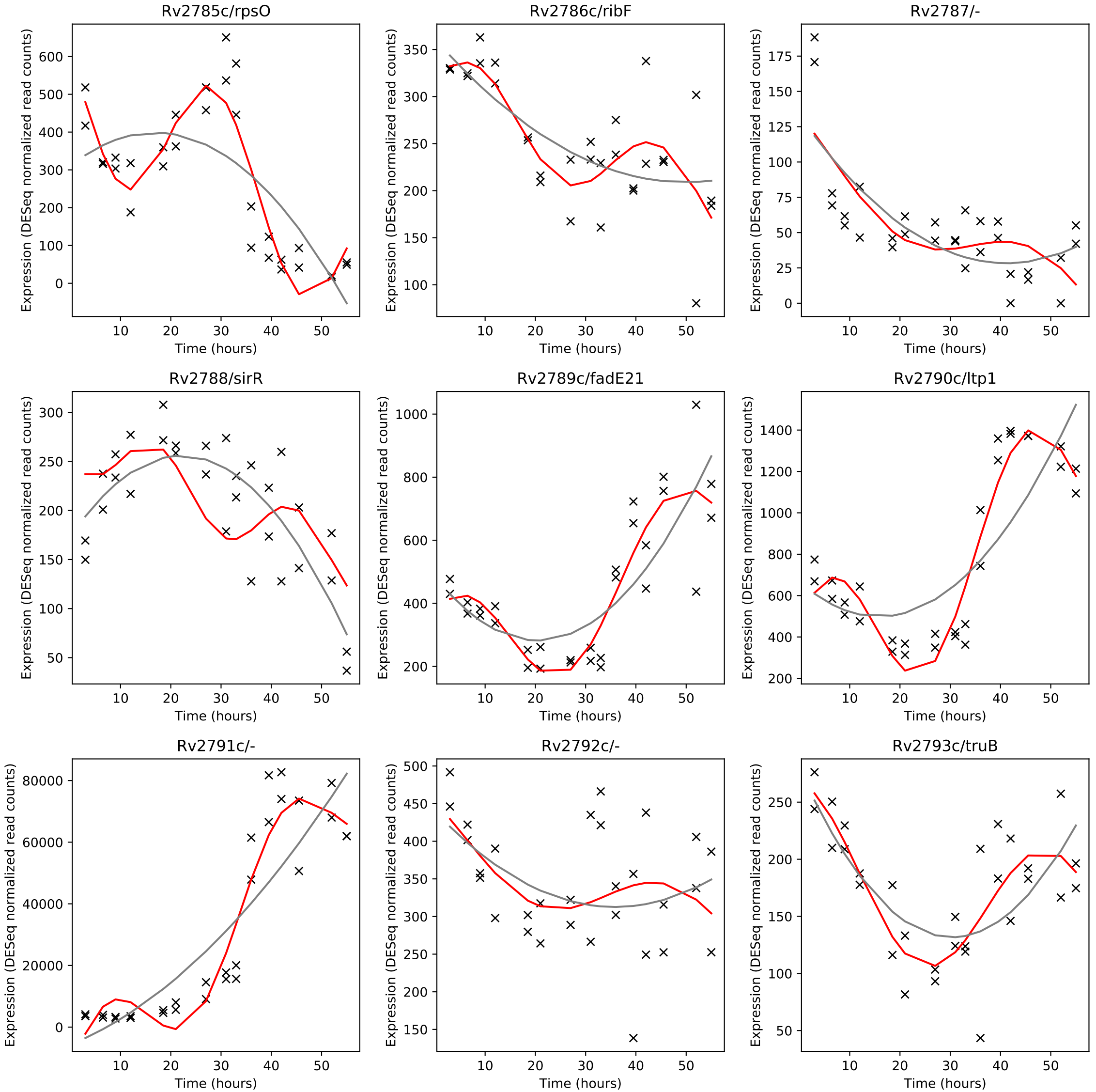

Rv2772c/-
Expression (DESeq normalized read counts)
Time (hours)

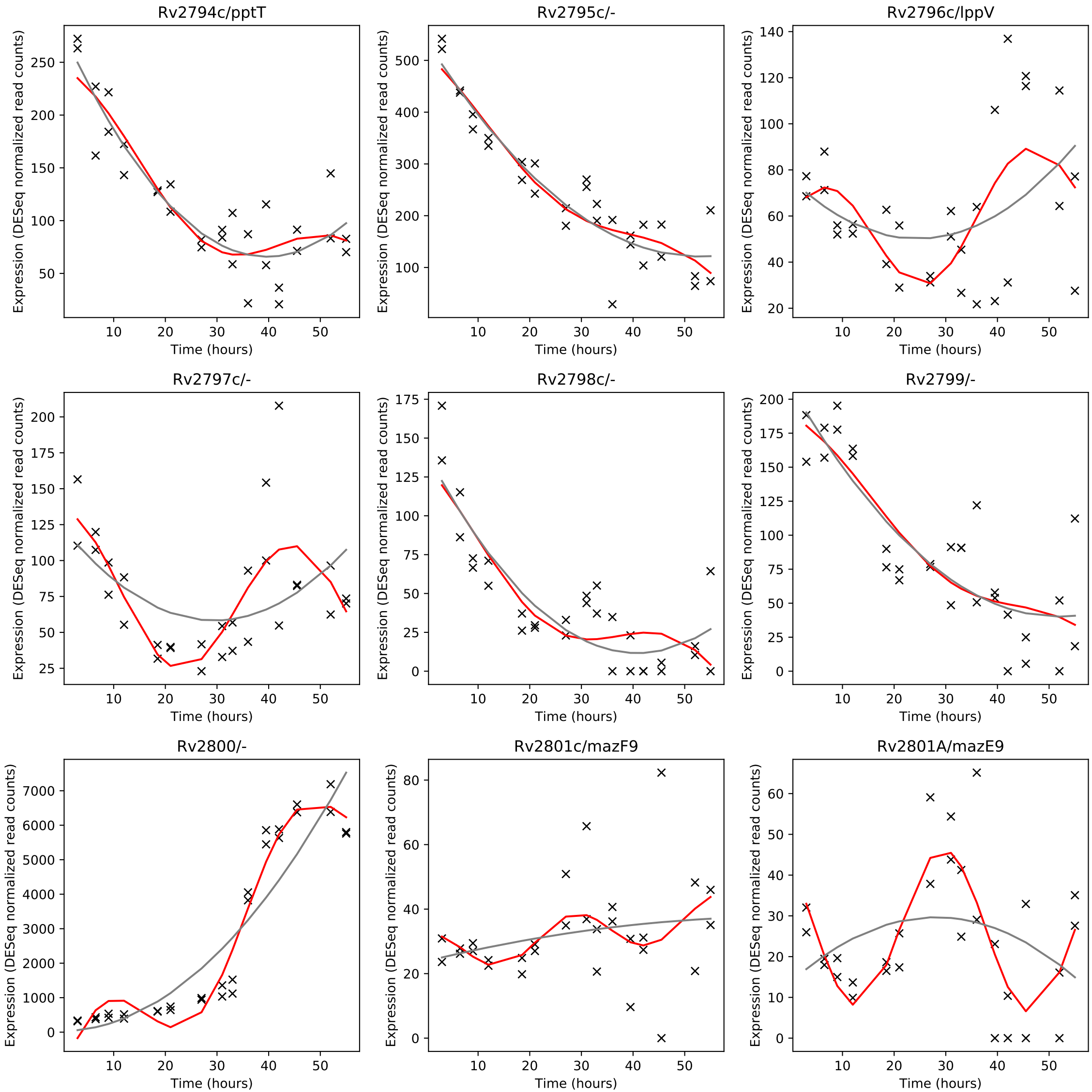

Rv2773c/dapB
Expression (DESeq normalized read counts)
Time (hours)

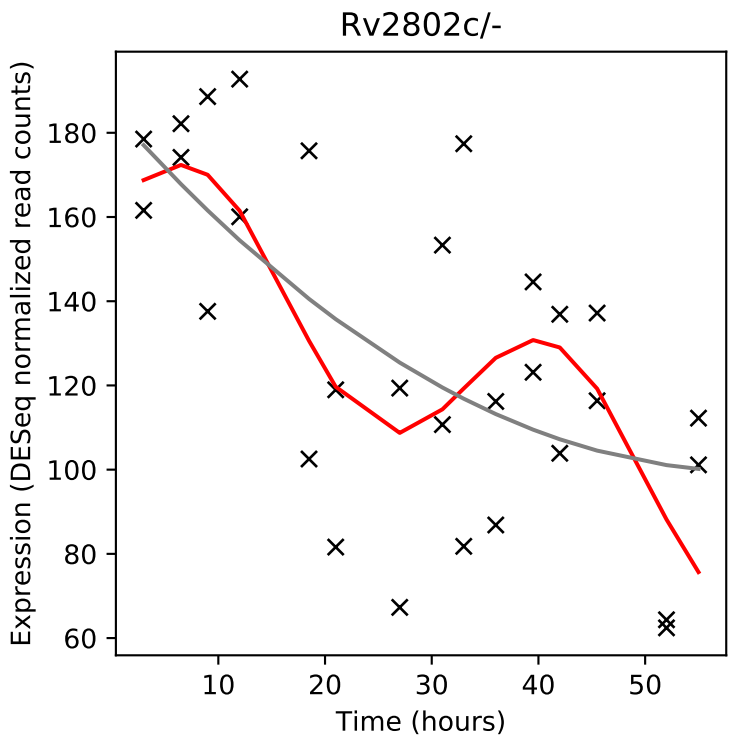

Rv2774c/-
Expression (DESeq normalized read counts)
Time (hours)

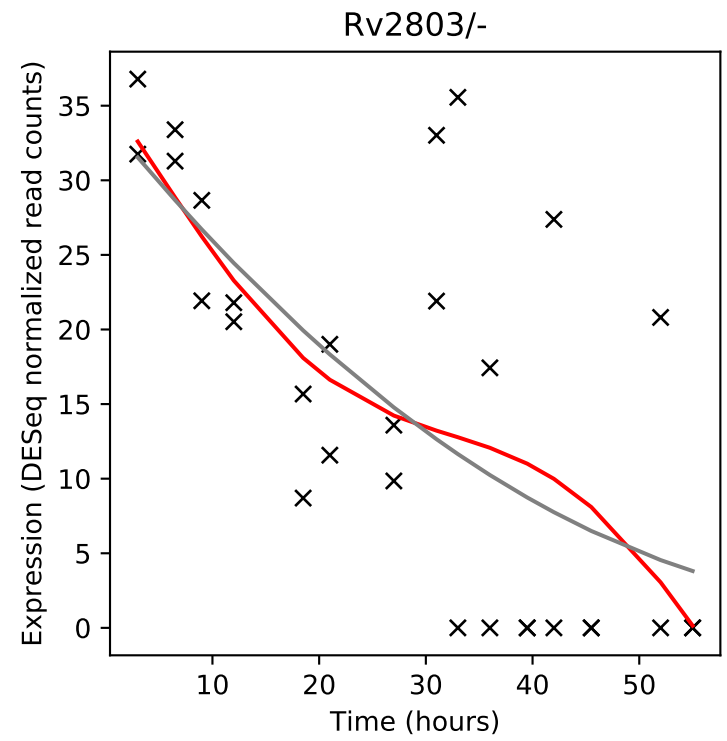

Rv2775/-
Expression (DESeq normalized read counts)
Time (hours)

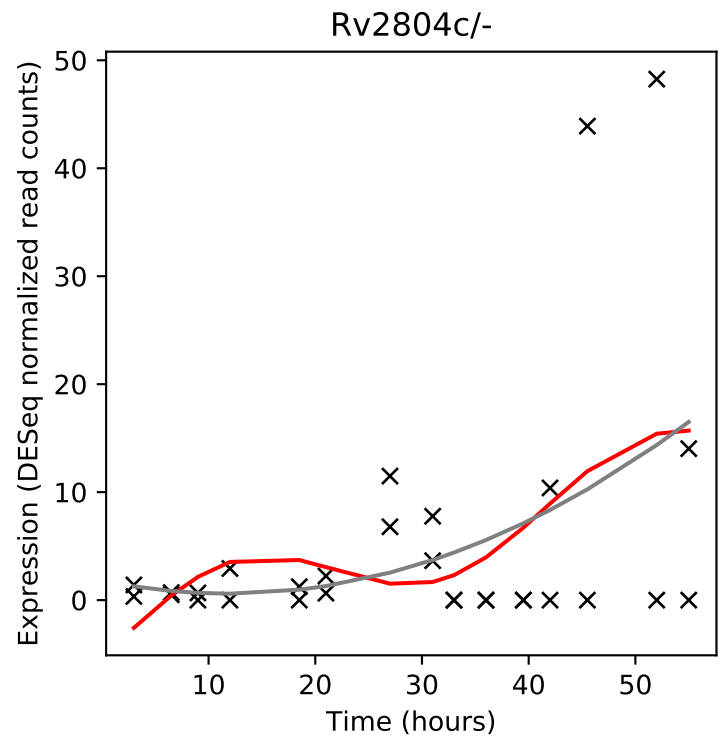

Rv2776c/-
Rv2777c/-
Rv2778c/-
Rv2779c/-
Rv2780/ald
Rv2781c/-
Rv2782c/pepR
Rv2783c/gpsI
Rv2784c/lppU
Expression (DESeq normalized read counts)
Time (hours)

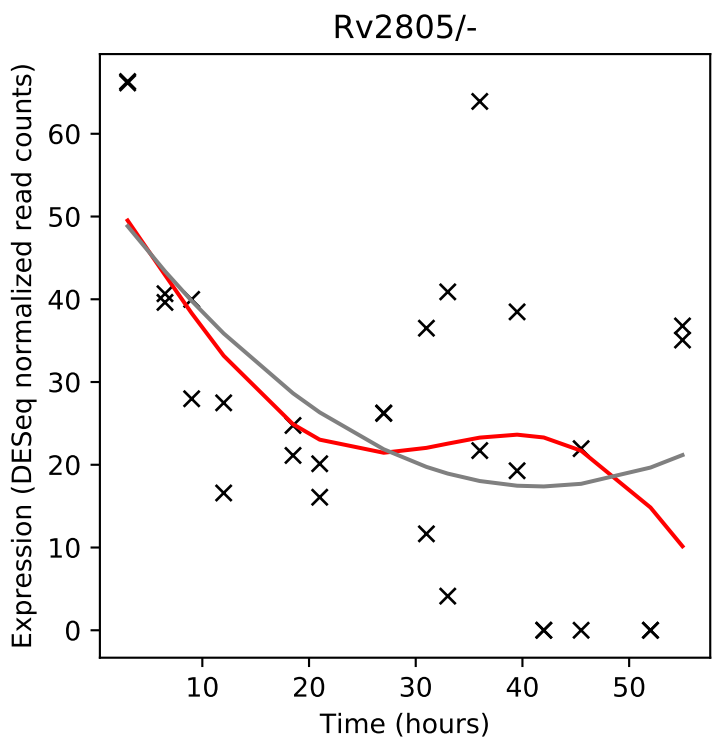

Rv2785c/rpsO
Rv2786c/ribF
Rv2787/-
Rv2788/sirR
Rv2789c/fadE21
Rv2790c/ltp1
Rv2791c/-
Rv2792c/-
Rv2793c/truB
Expression (DESeq normalized read counts)
Time (hours)

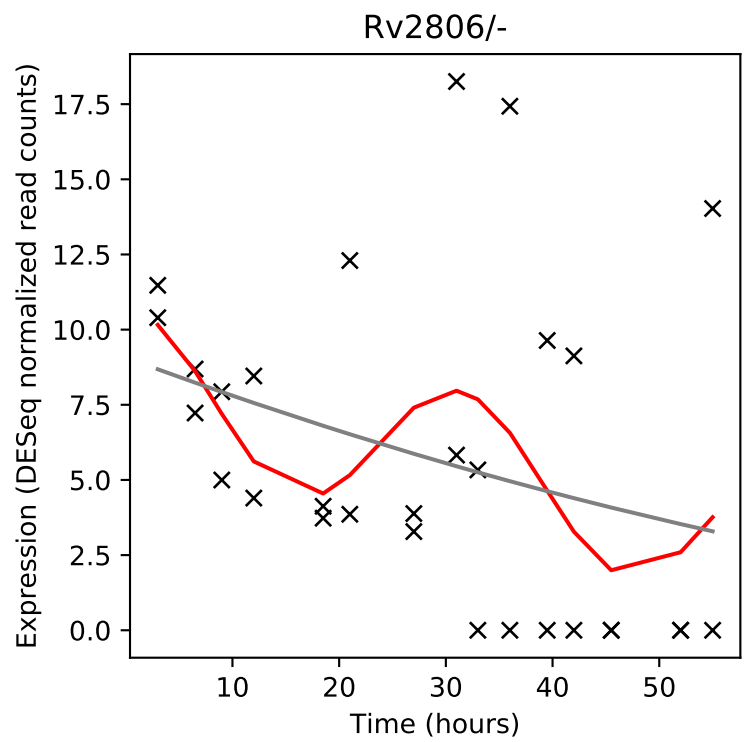

Rv2794c/pptT
Rv2795c/-
Rv2796c/lppV
Rv2797c/-
Rv2798c/-
Rv2799/-
Rv2800/-
Rv2801c/mazF9
Rv2801A/mazE9
Expression (DESeq normalized read counts)
Time (hours)

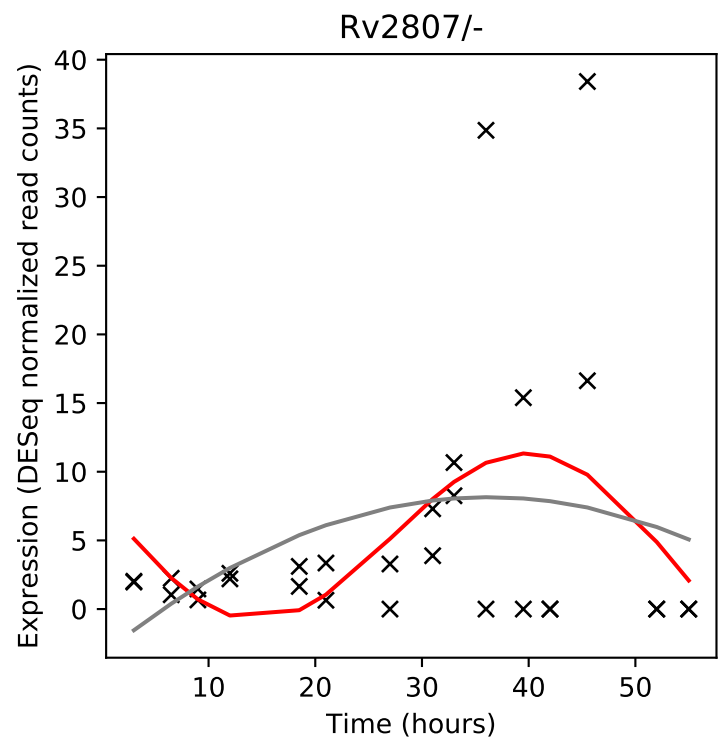

Rv2802c/-
Expression (DESeq normalized read counts)
Time (hours)

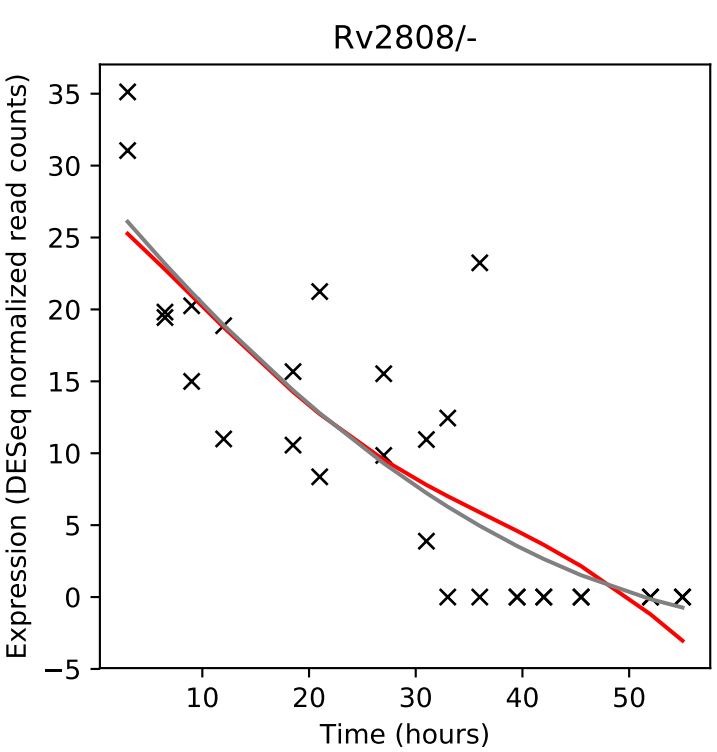

Rv2803/-
Expression (DESeq normalized read counts)
Time (hours)

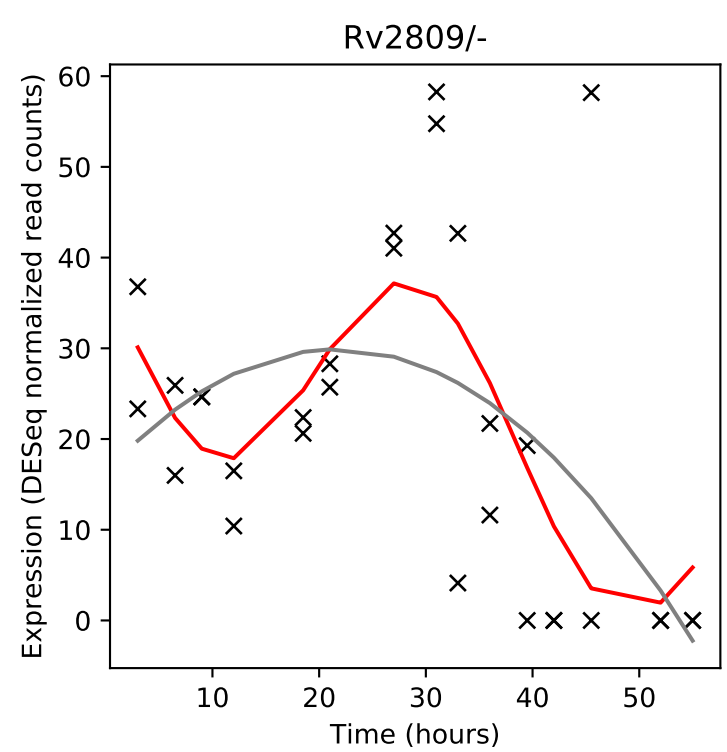

Rv2804c/-
Expression (DESeq normalized read counts)
Time (hours)

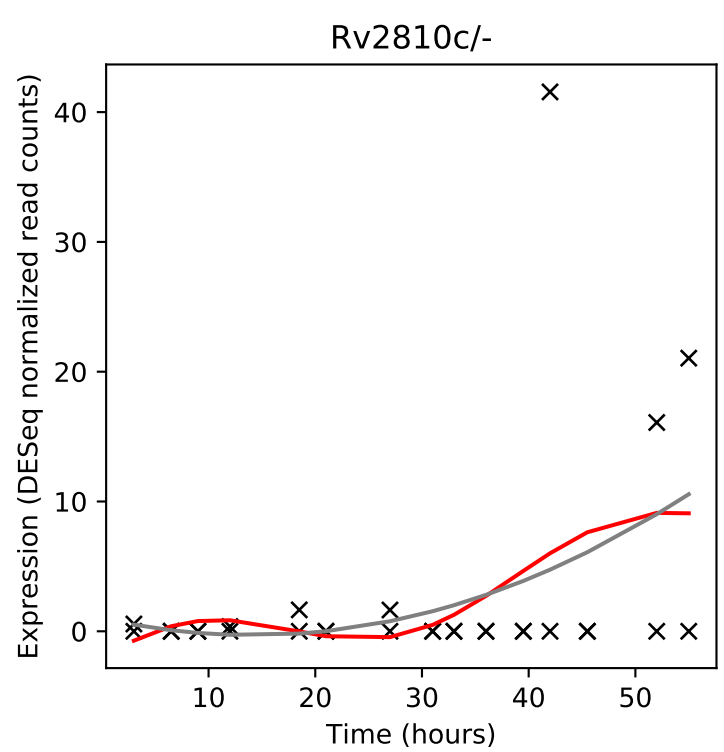

Rv2805/-
Expression (DESeq normalized read counts)
Time (hours)

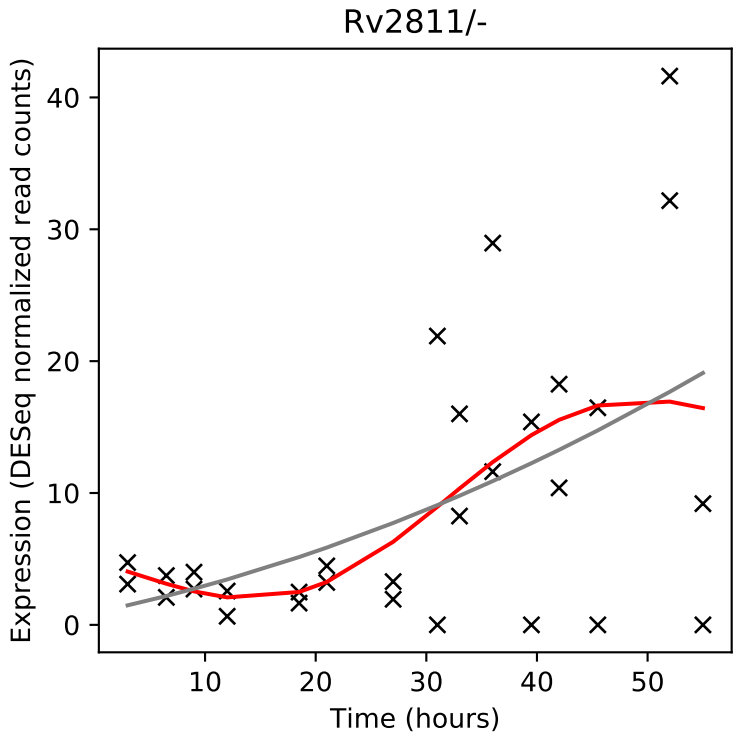

Rv2806/-
Expression (DESeq normalized read counts)
Time (hours)

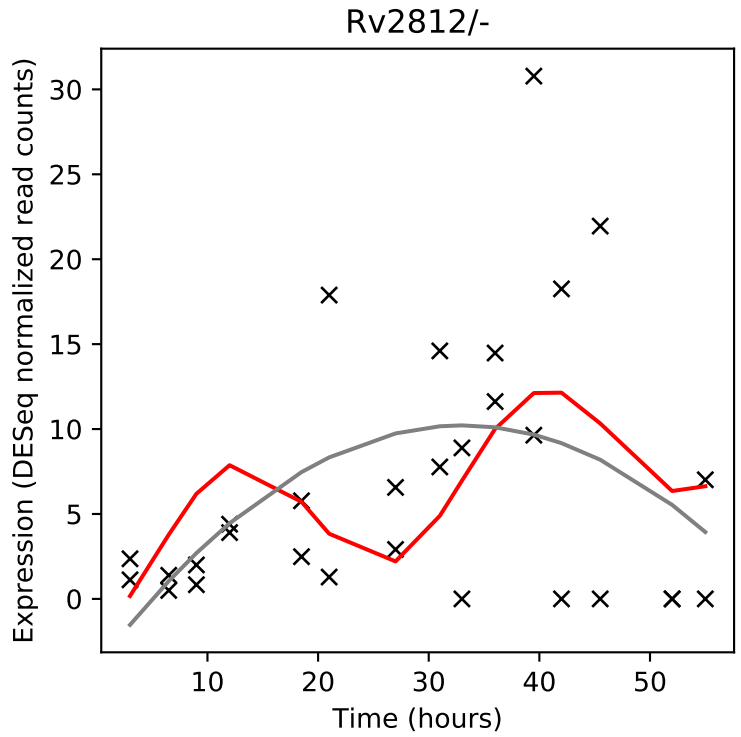

Rv2807/-
Expression (DESeq normalized read counts)
Time (hours)

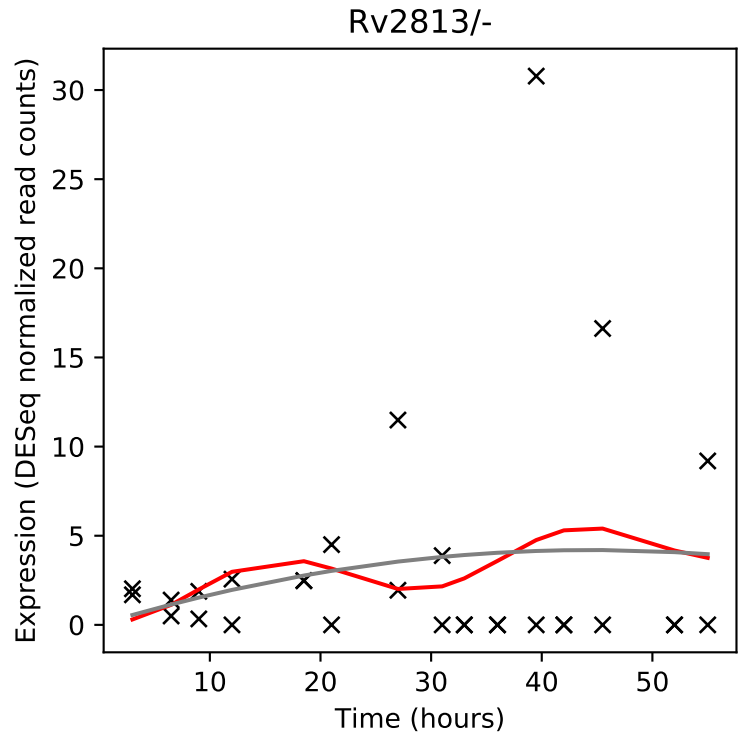

Rv2808/-
Expression (DESeq normalized read counts)
Time (hours)

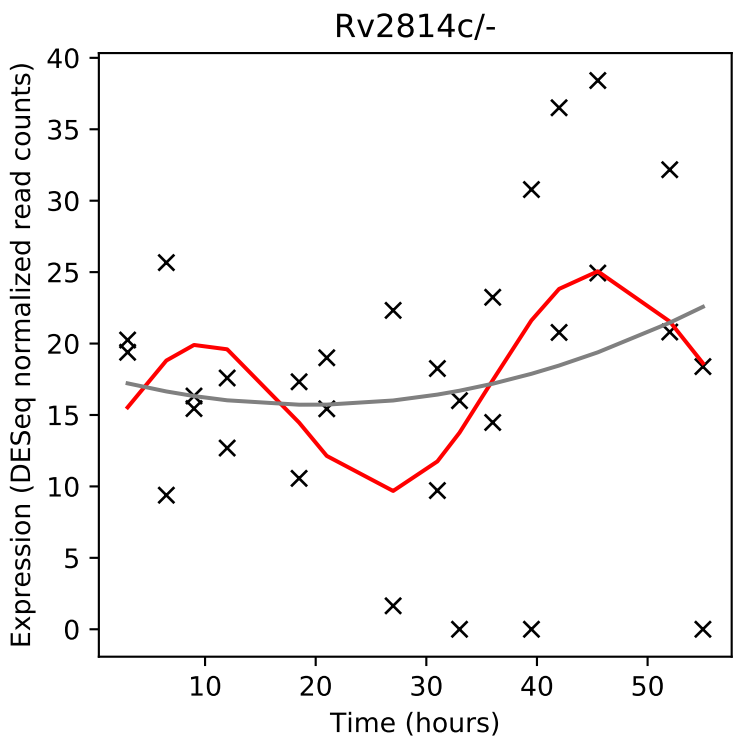

Rv2809/-
Expression (DESeq normalized read counts)
Time (hours)

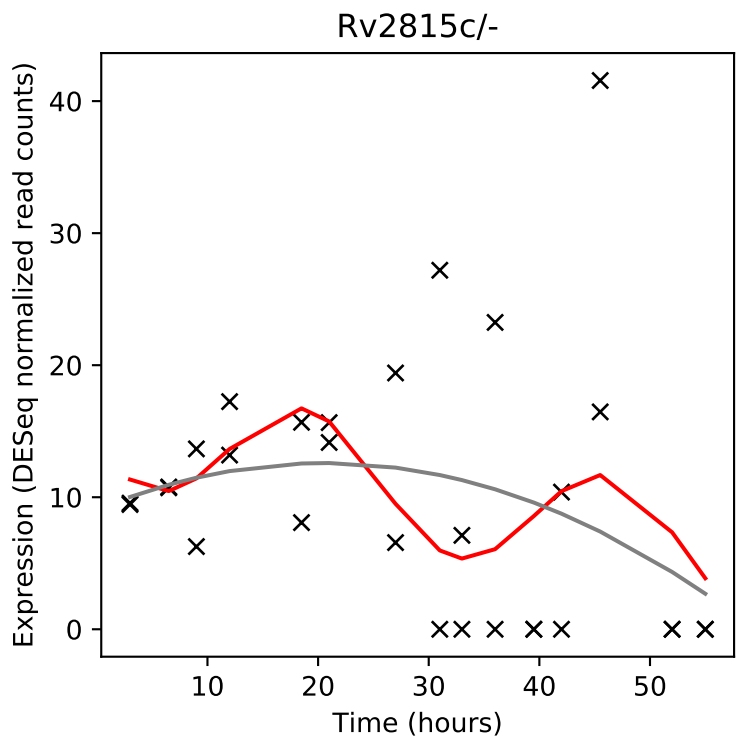

Rv2810c/-
Expression (DESeq normalized read counts)
Time (hours)

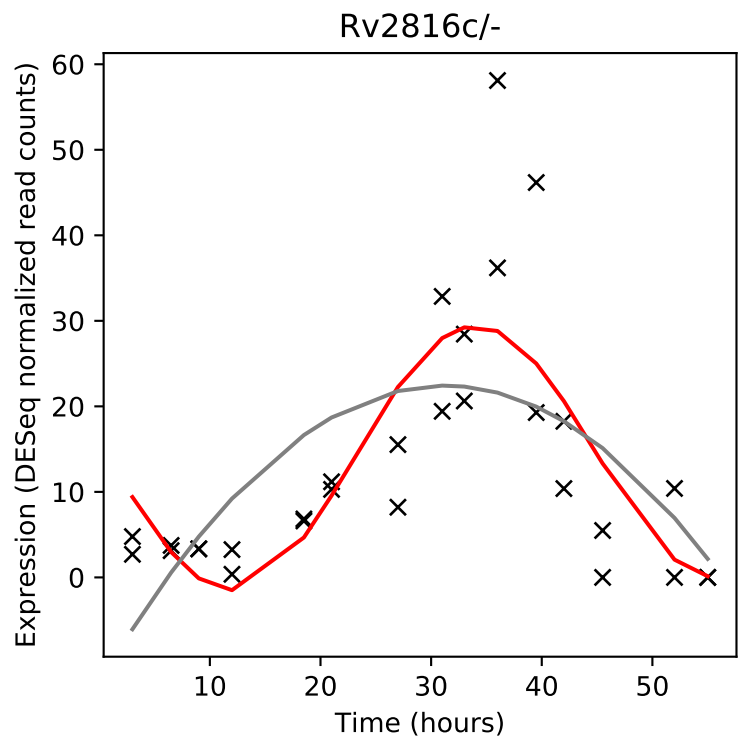

Rv2811/-
Expression (DESeq normalized read counts)
Time (hours)

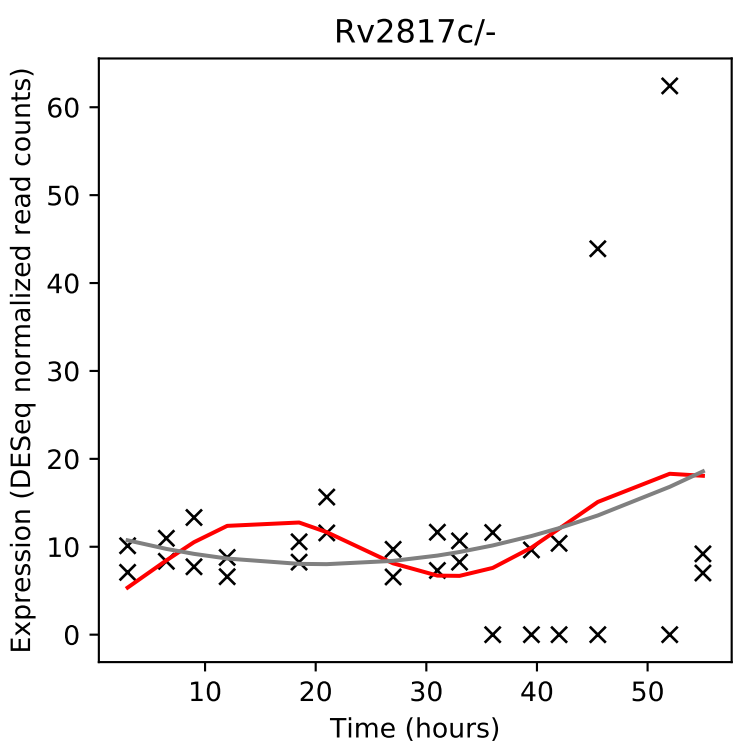

Rv2812/-
Expression (DESeq normalized read counts)
Time (hours)

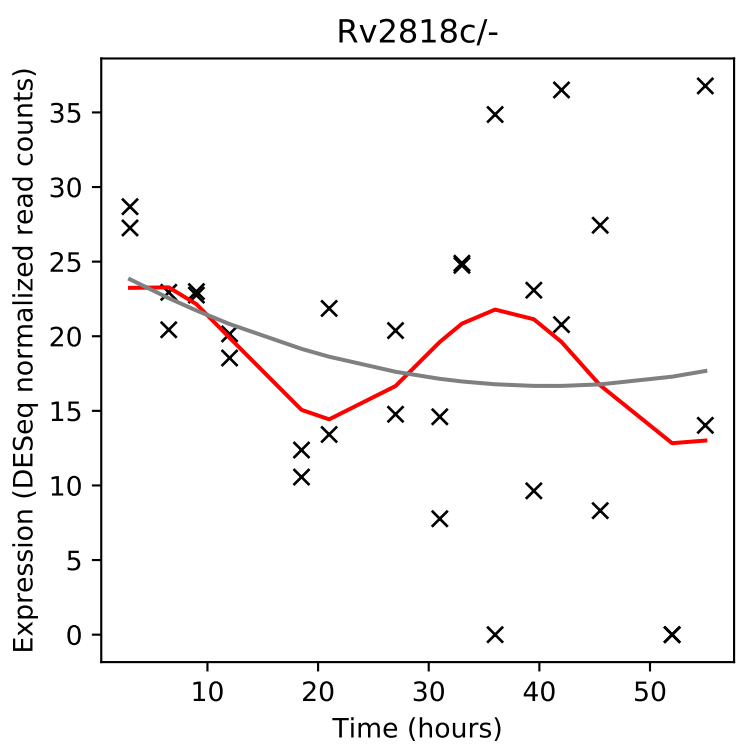

Rv2813/-
Expression (DESeq normalized read counts)
Time (hours)

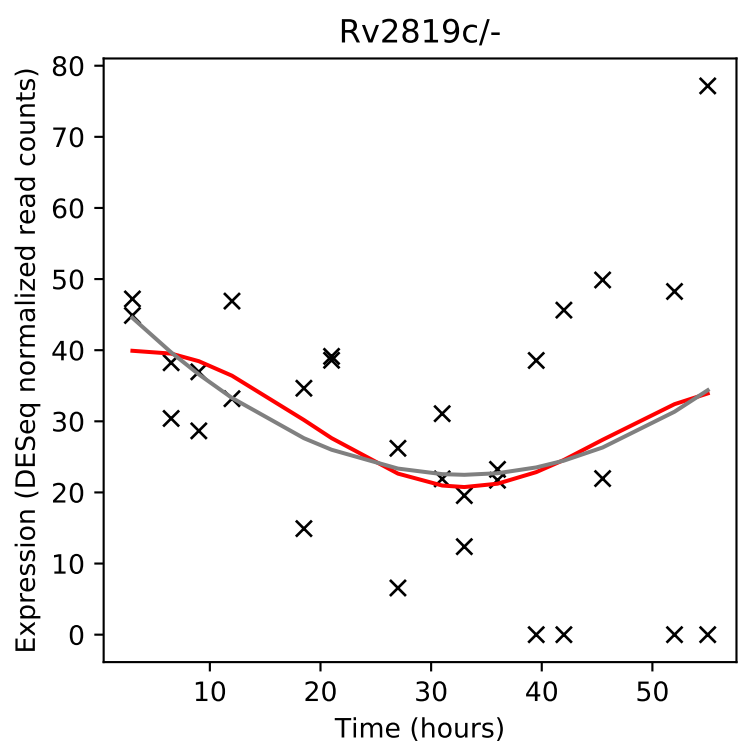

Rv2814c/-
Expression (DESeq normalized read counts)
Time (hours)

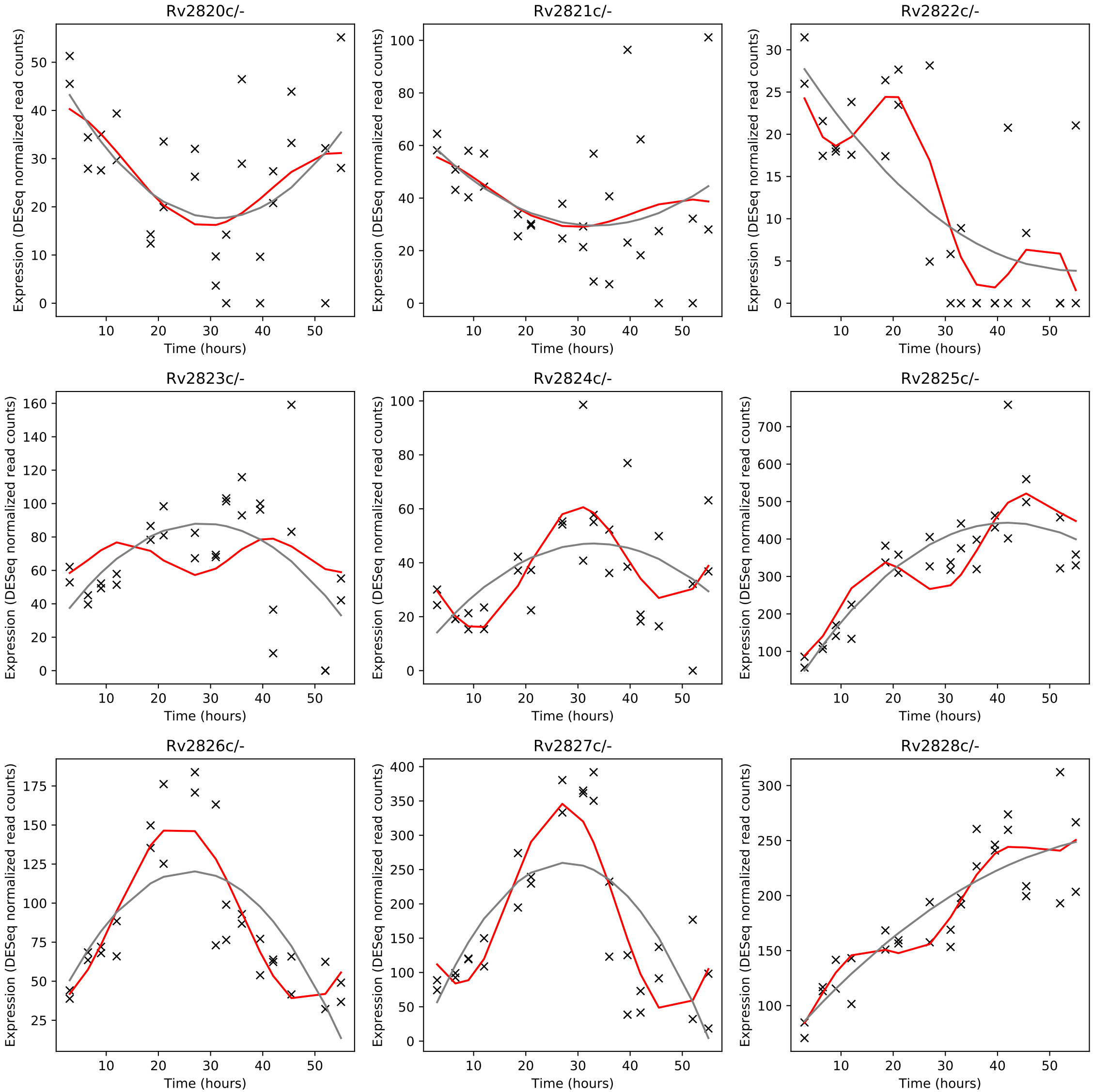

Rv2815c/-
Expression (DESeq normalized read counts)
Time (hours)

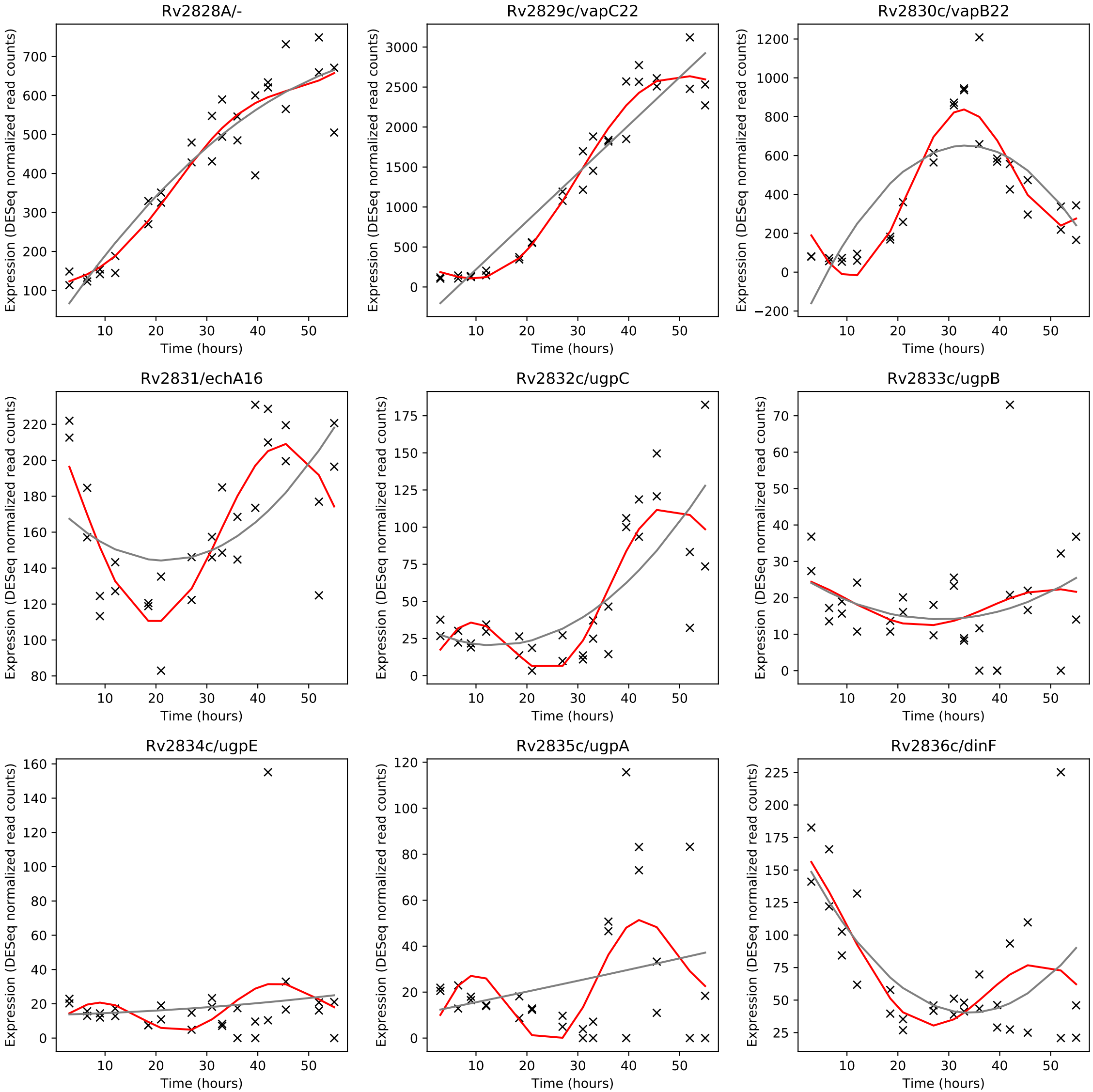

Rv2816c/-
Expression (DESeq normalized read counts)
Time (hours)

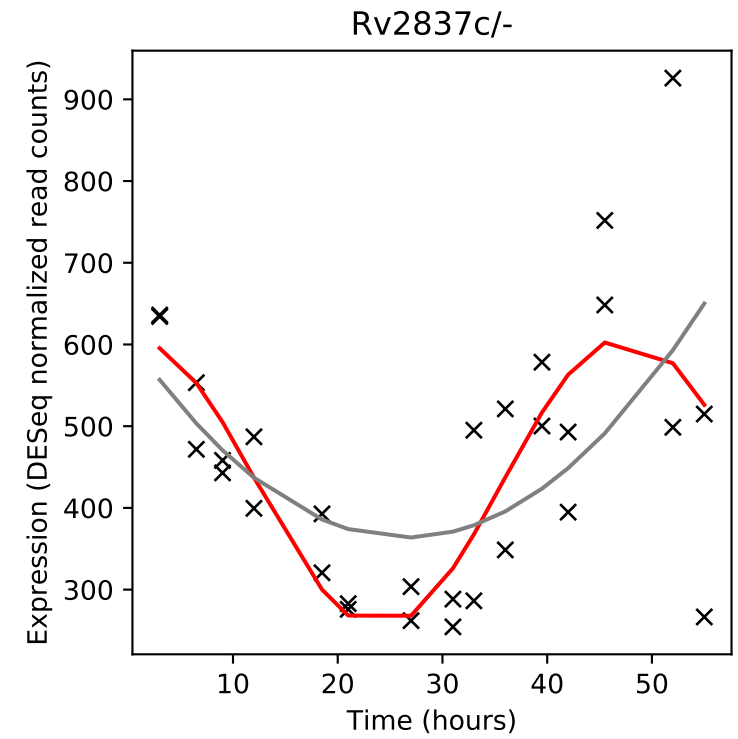

Rv2817c/-
Expression (DESeq normalized read counts)
Time (hours)

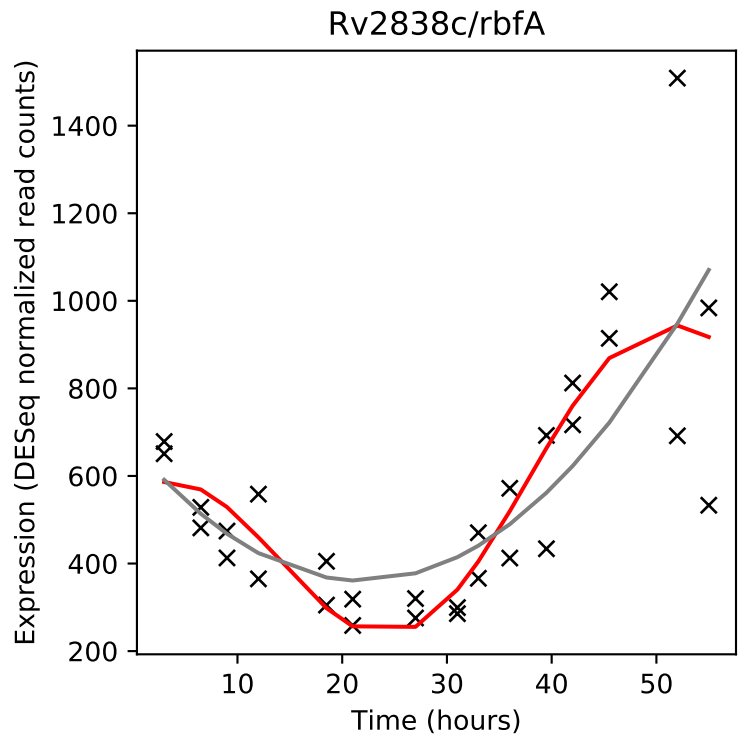

Rv2818c/-
Expression (DESeq normalized read counts)
Time (hours)

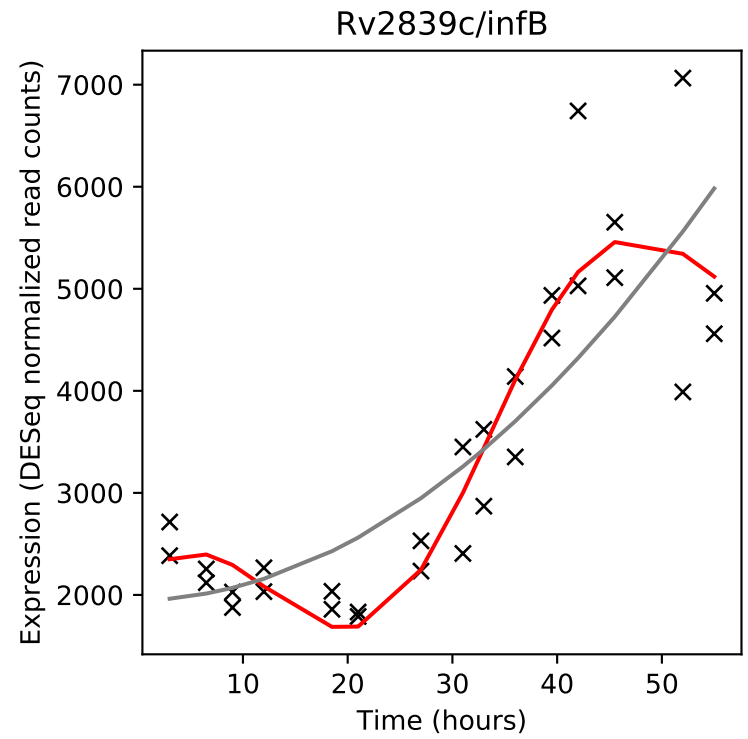

Rv2819c/-
Expression (DESeq normalized read counts)
Time (hours)

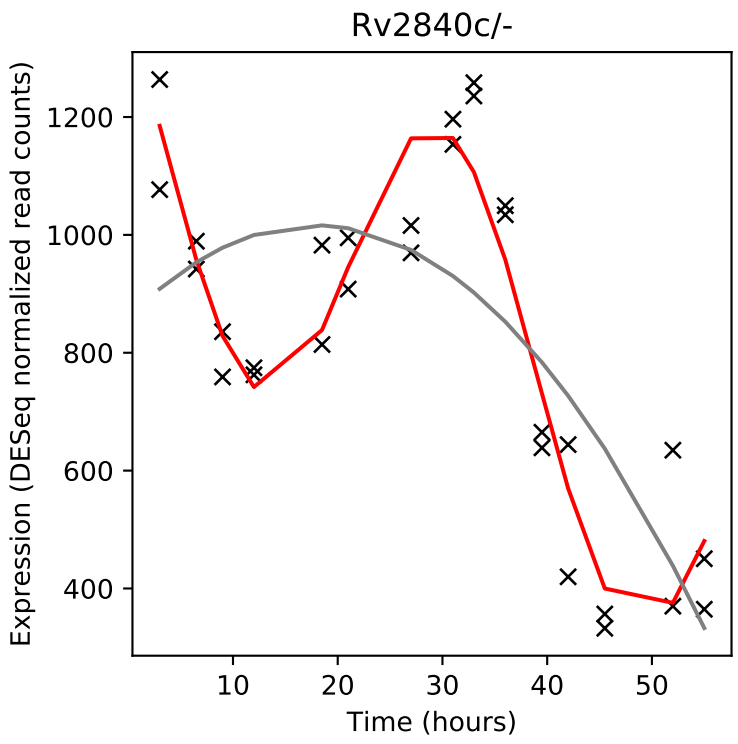

Rv2820c/-
Rv2821c/-
Rv2822c/-
Rv2823c/-
Rv2824c/-
Rv2825c/-
Rv2826c/-
Rv2827c/-
Rv2828c/-
Expression (DESeq normalized read counts)
Time (hours)

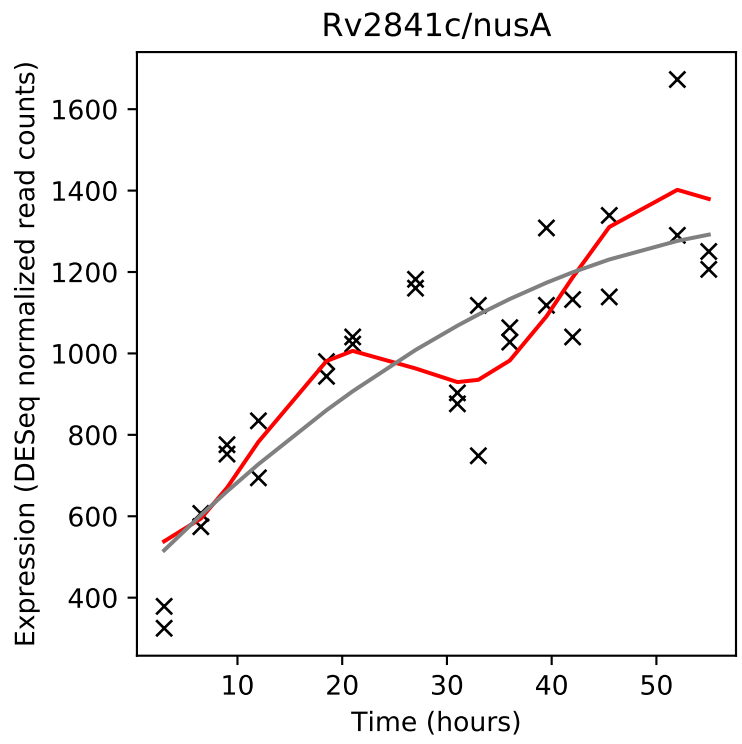

Rv2828A/-
Rv2829c/vapC22
Rv2830c/vapB22
Rv2831/echA16
Rv2832c/ugpC
Rv2833c/ugpB
Rv2834c/ugpE
Rv2835c/ugpA
Rv2836c/dinF
Expression (DESeq normalized read counts)
Time (hours)

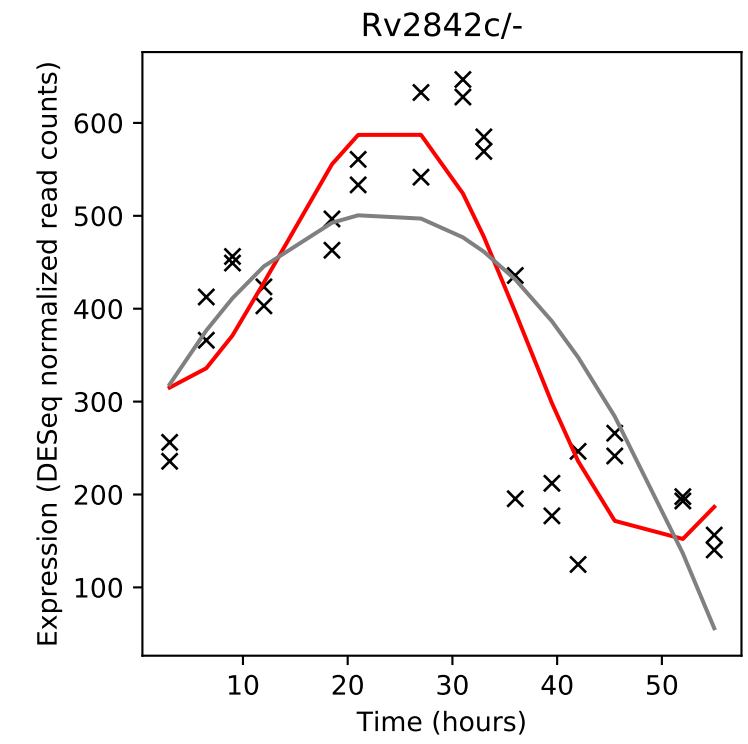

Rv2837c/-
Expression (DESeq normalized read counts)
Time (hours)

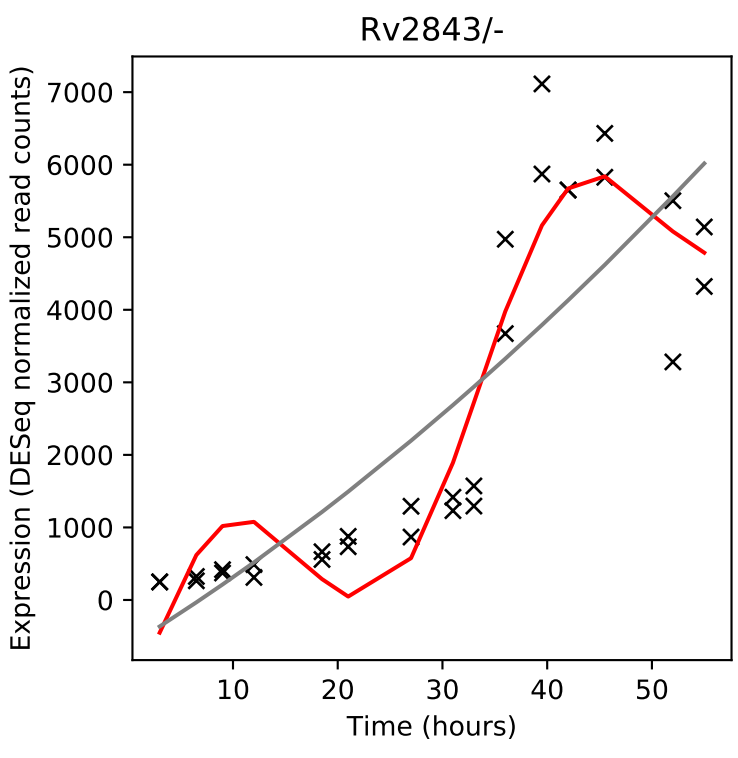

Rv2838c/rbfA
Expression (DESeq normalized read counts)
Time (hours)

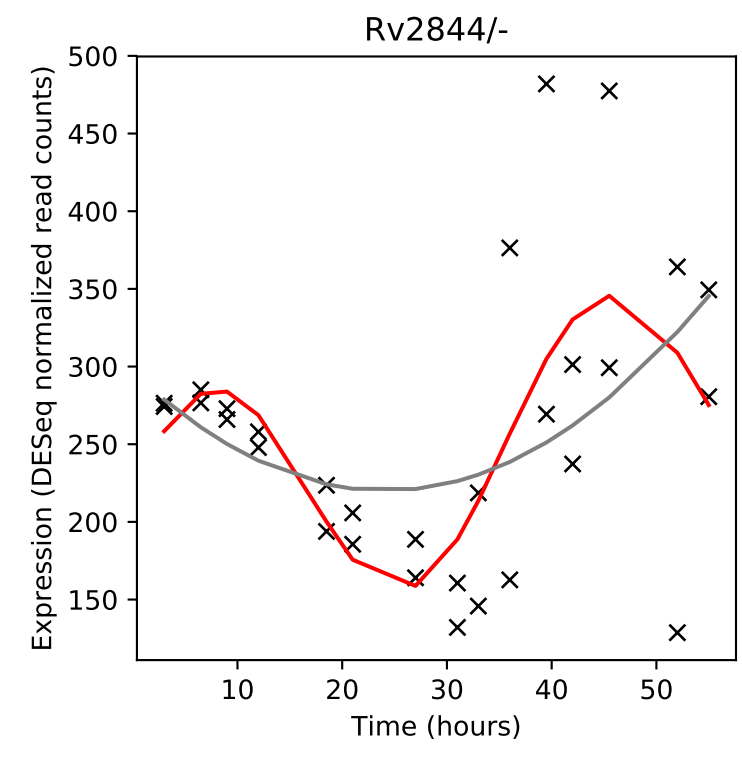

Rv2839c/infB
Expression (DESeq normalized read counts)
Time (hours)

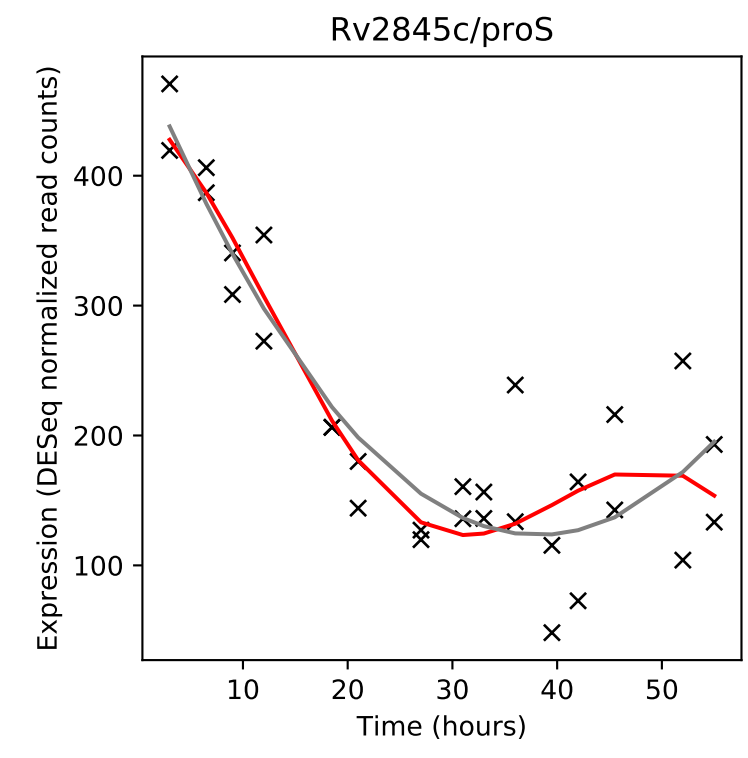

Rv2840c/-
Expression (DESeq normalized read counts)
Time (hours)

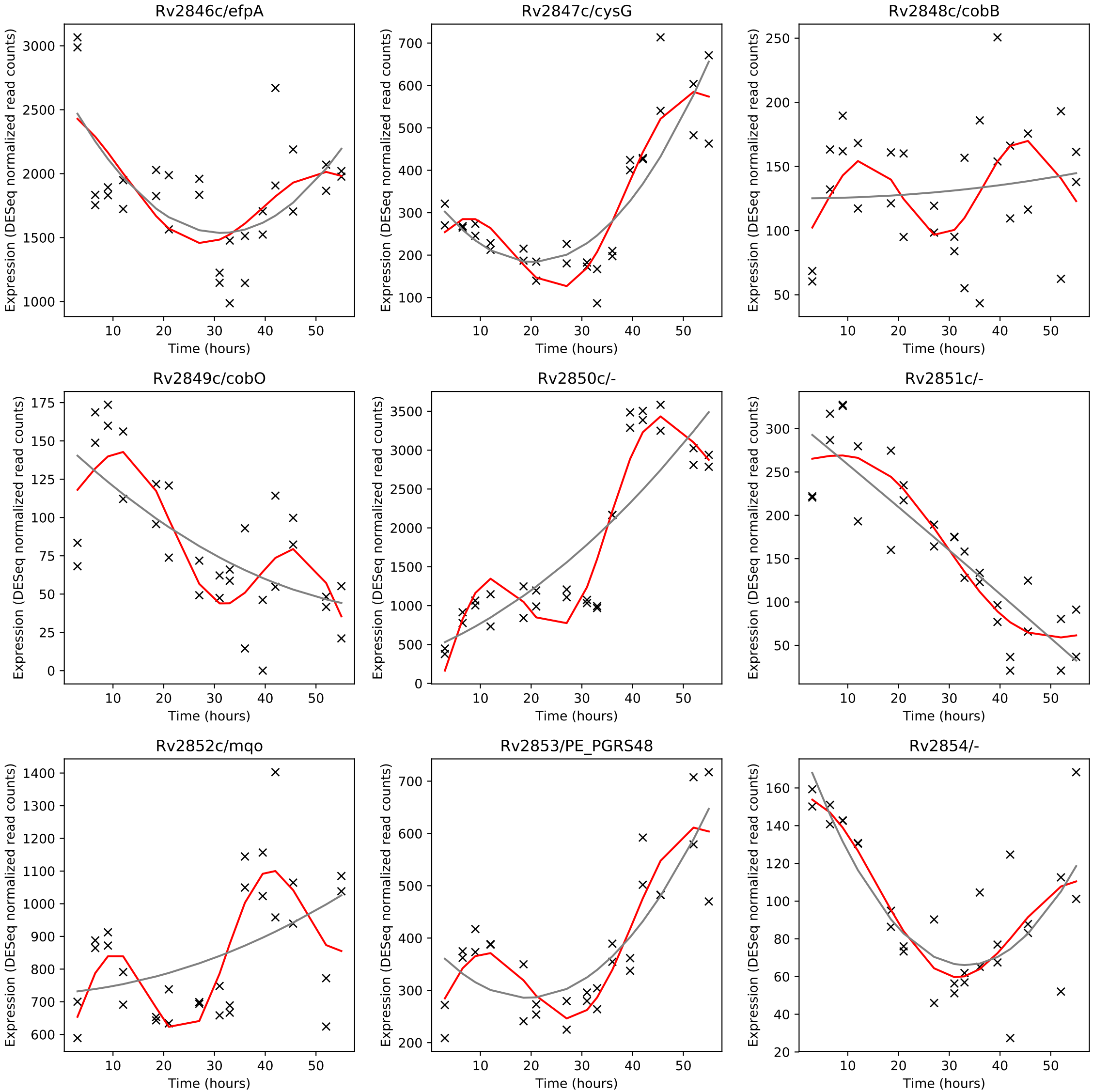

Rv2841c/nusA
Expression (DESeq normalized read counts)
Time (hours)

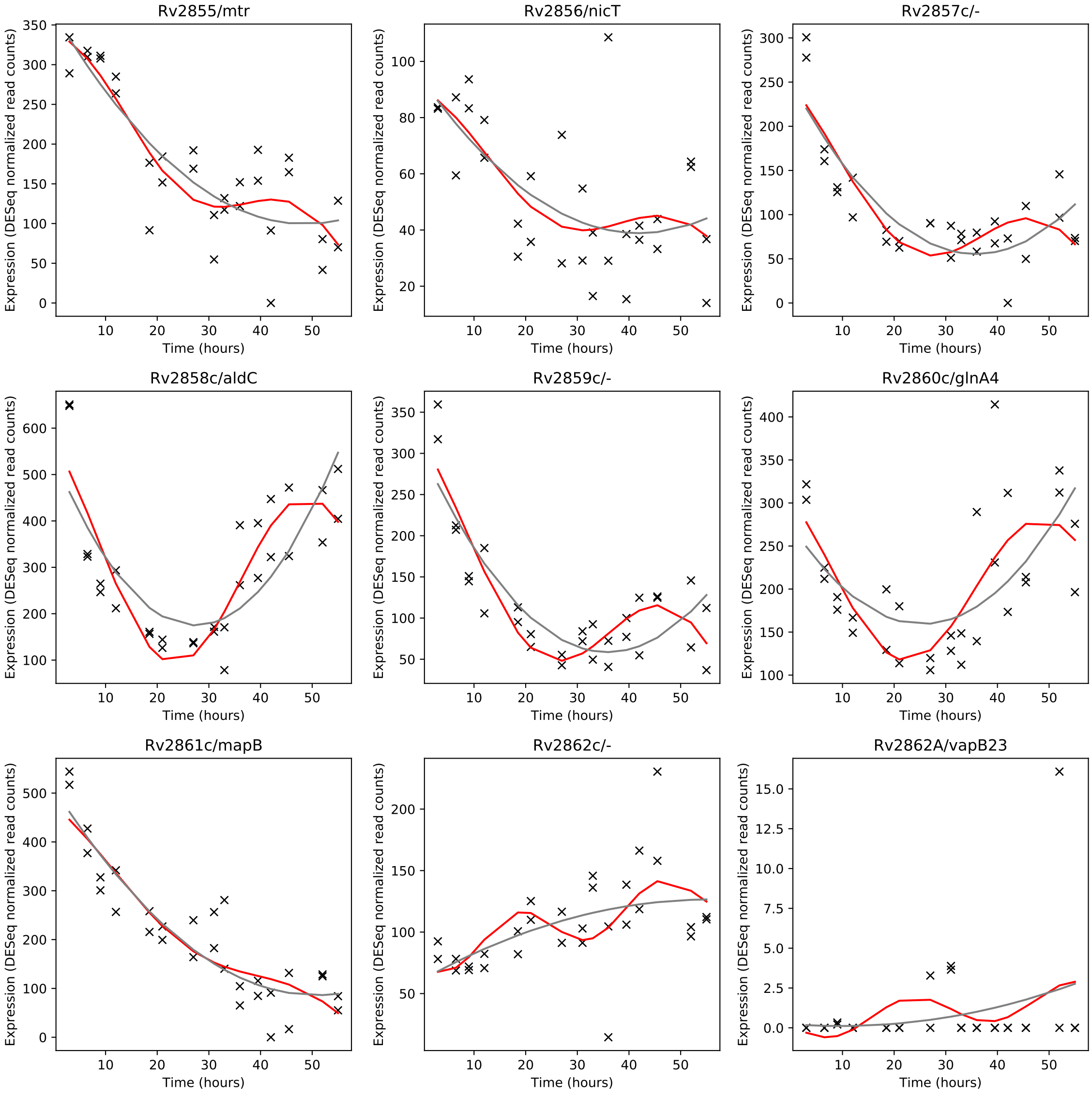

Rv2842c/-
Expression (DESeq normalized read counts)
Time (hours)

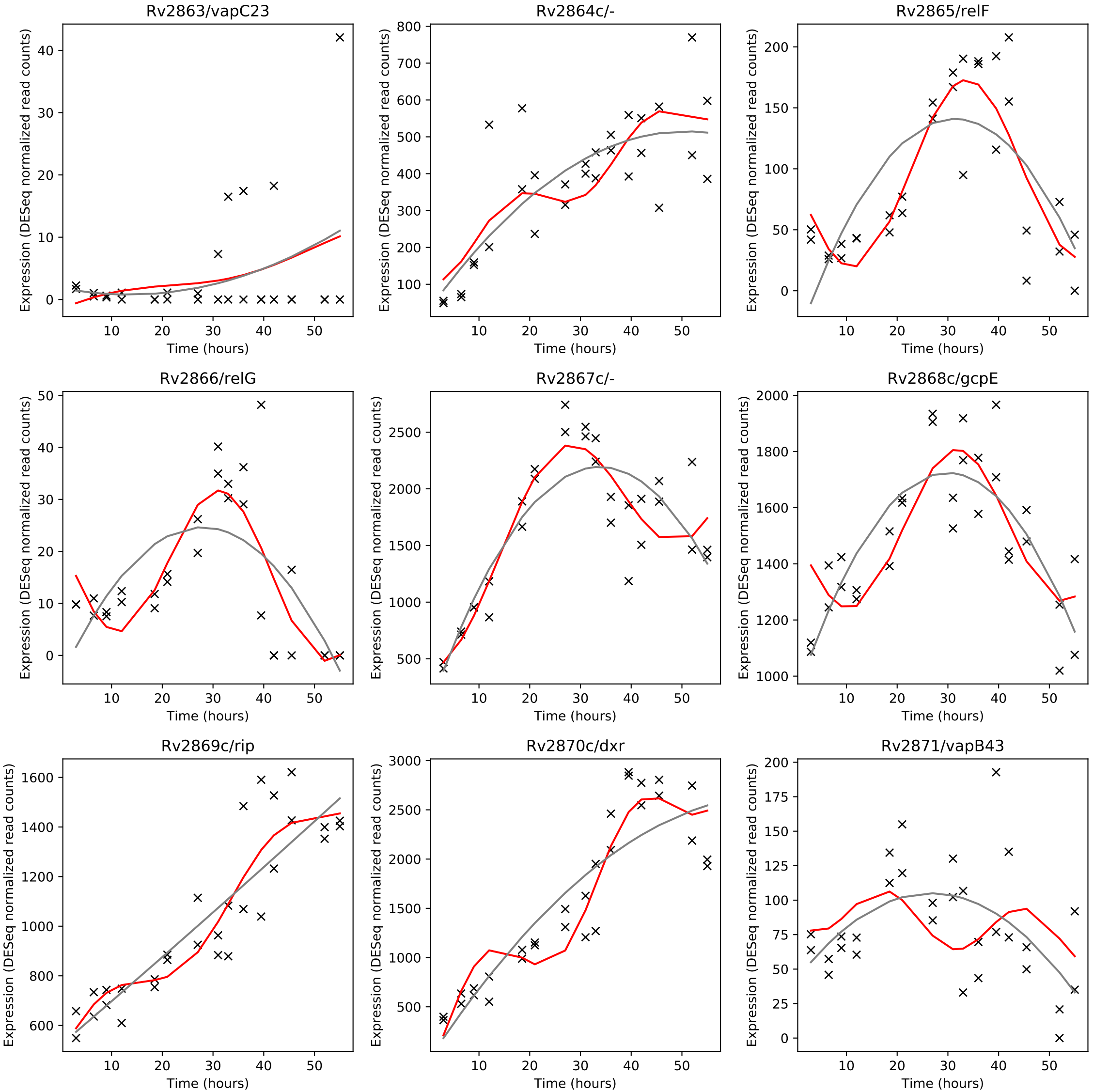

Rv2843/-
Expression (DESeq normalized read counts)
Time (hours)

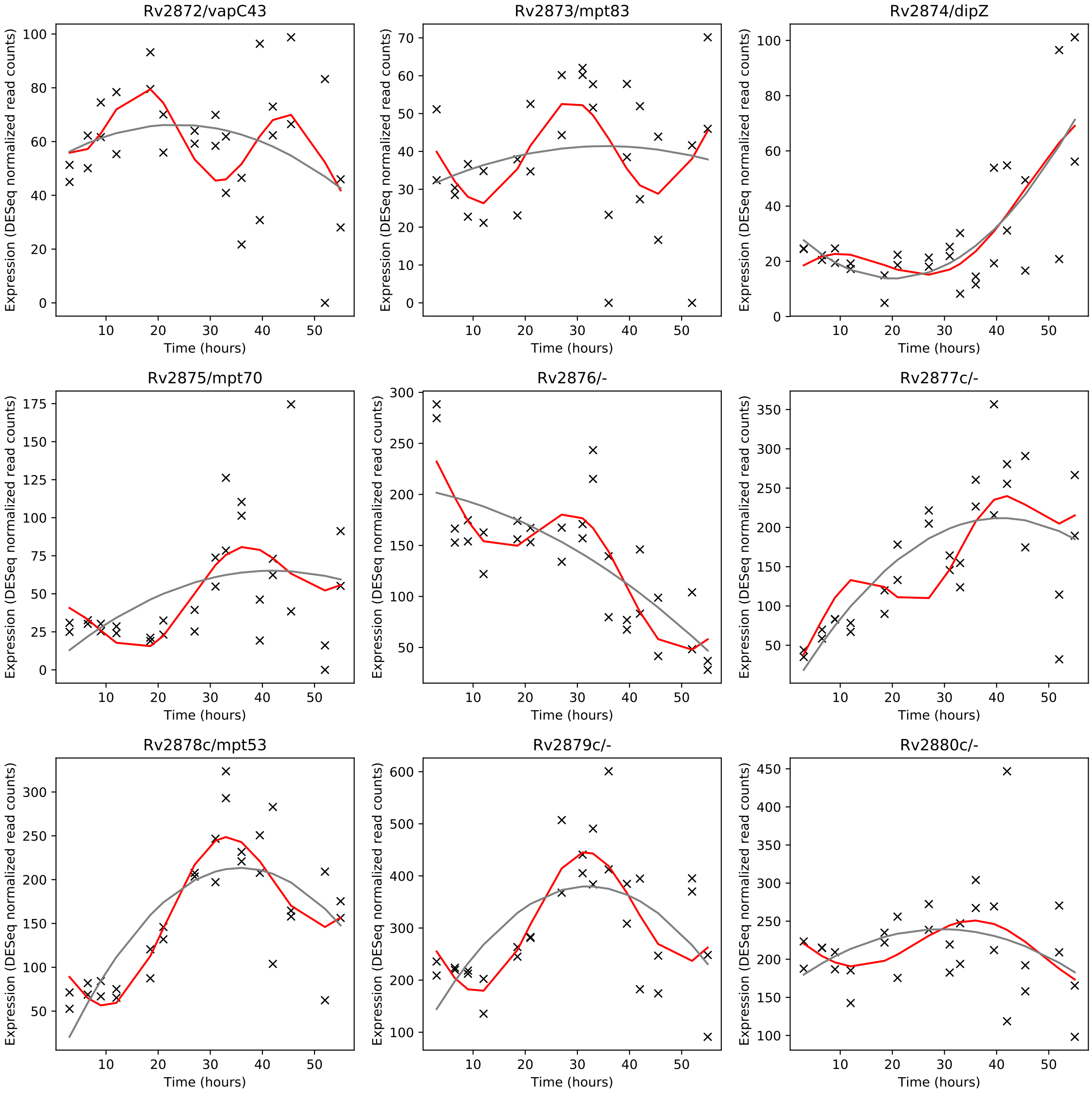

Rv2844/-
Expression (DESeq normalized read counts)
Time (hours)

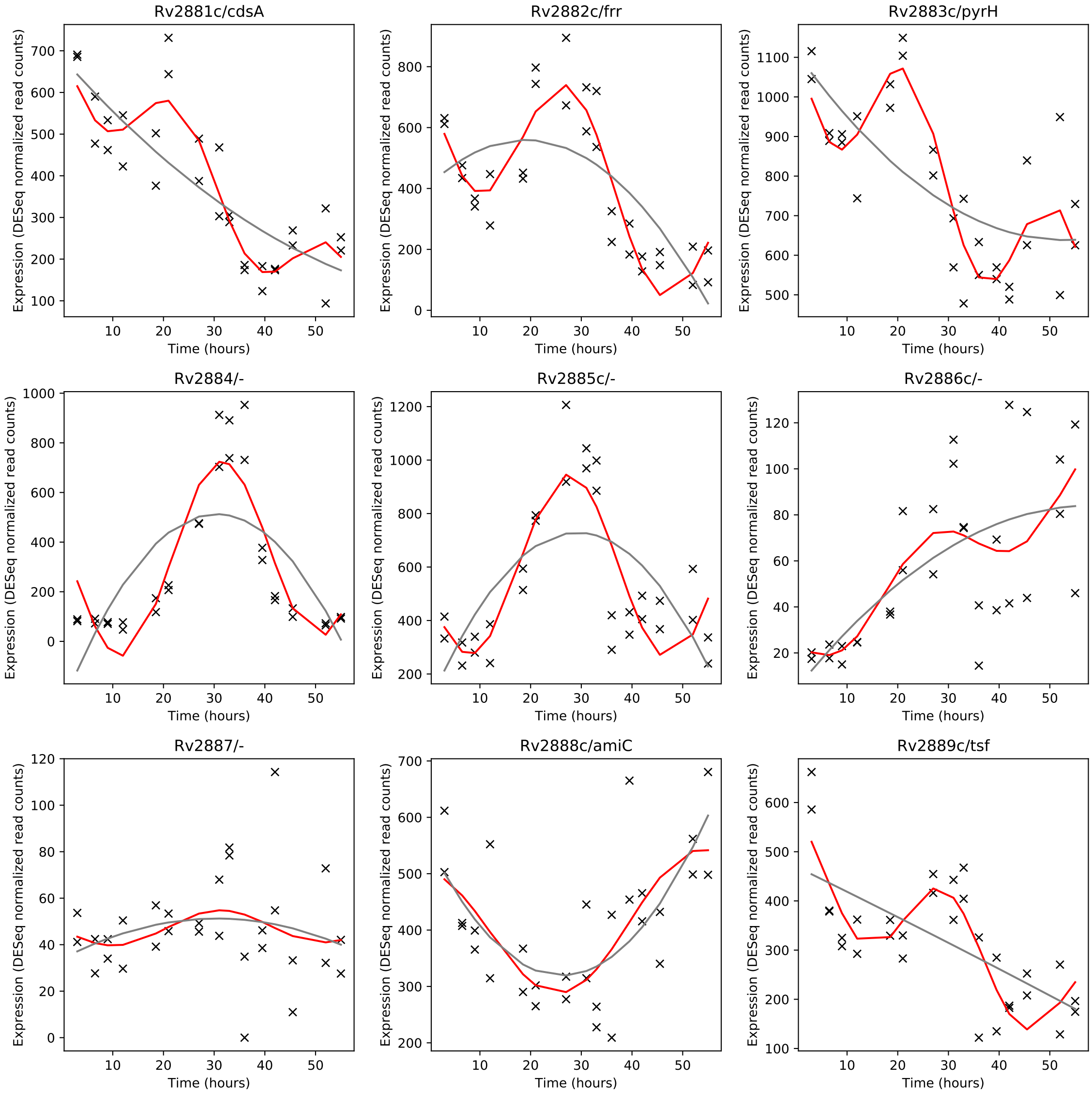

Rv2845c/proS
Expression (DESeq normalized read counts)
Time (hours)

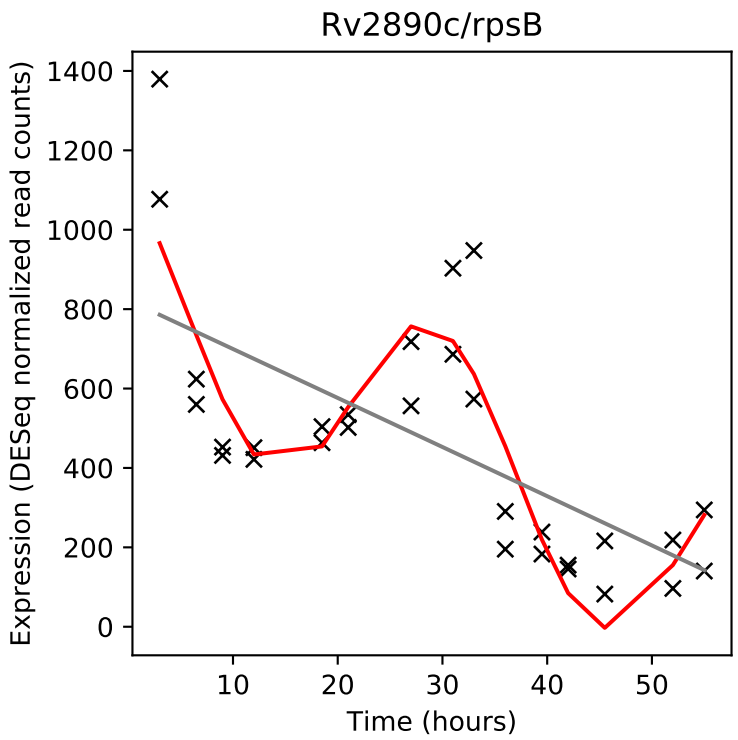

Rv2846c/efpA
Rv2847c/cysG
Rv2848c/cobB
Rv2849c/cobO
Rv2850c/-
Rv2851c/-
Rv2852c/mqo
Rv2853/PE_PGRS48
Rv2854/-
Expression (DESeq normalized read counts)
Time (hours)

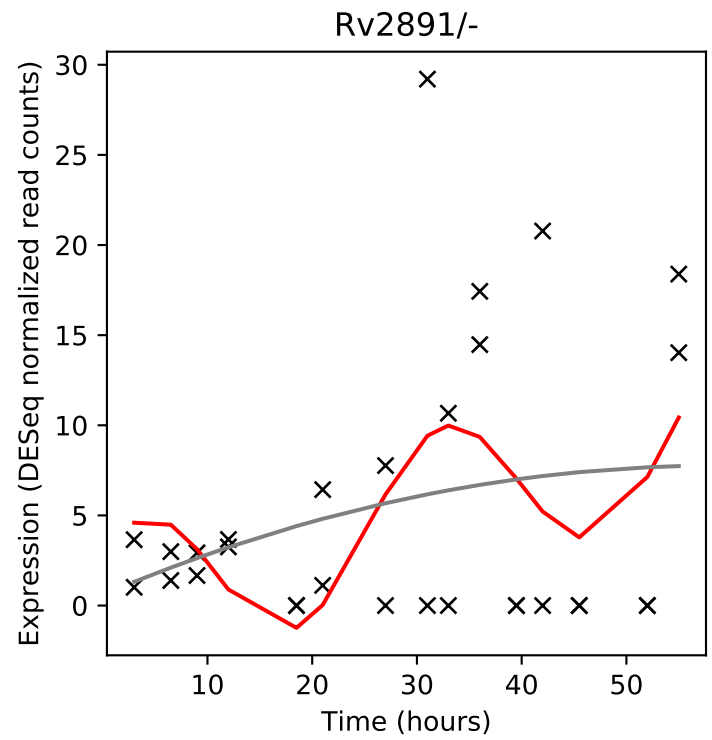

Rv2855/mtr
Rv2856/nicT
Rv2857c/-
Rv2858c/aldC
Rv2859c/-
Rv2860c/glnA4
Rv2861c/mapB
Rv2862c/-
Rv2862A/vapB23
Expression (DESeq normalized read counts)
Time (hours)

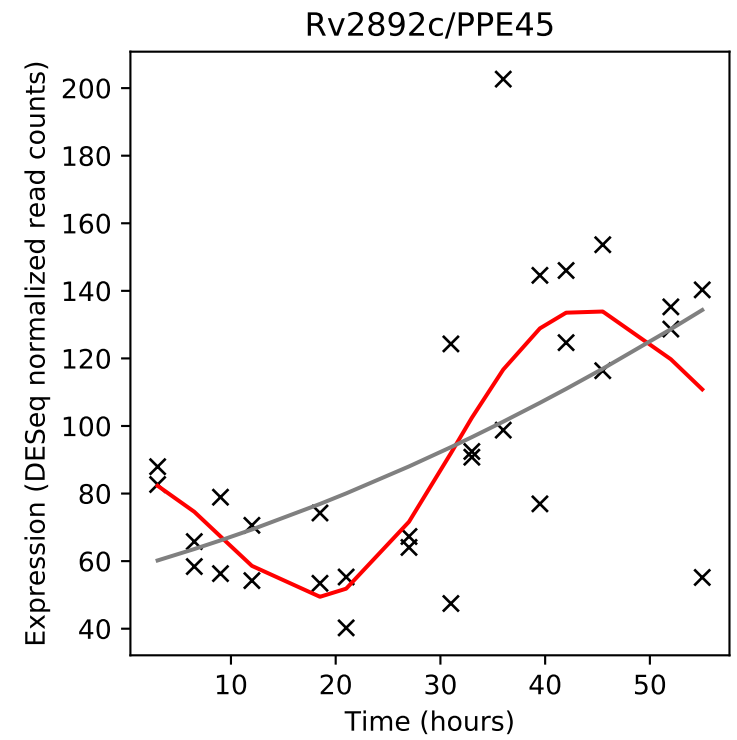

Rv2863/vapC23
Rv2864c/-
Rv2865/relF
Rv2866/relG
Rv2867c/-
Rv2868c/gcpE
Rv2869c/rip
Rv2870c/dxr
Rv2871/vapB43
Expression (DESeq normalized read counts)
Time (hours)

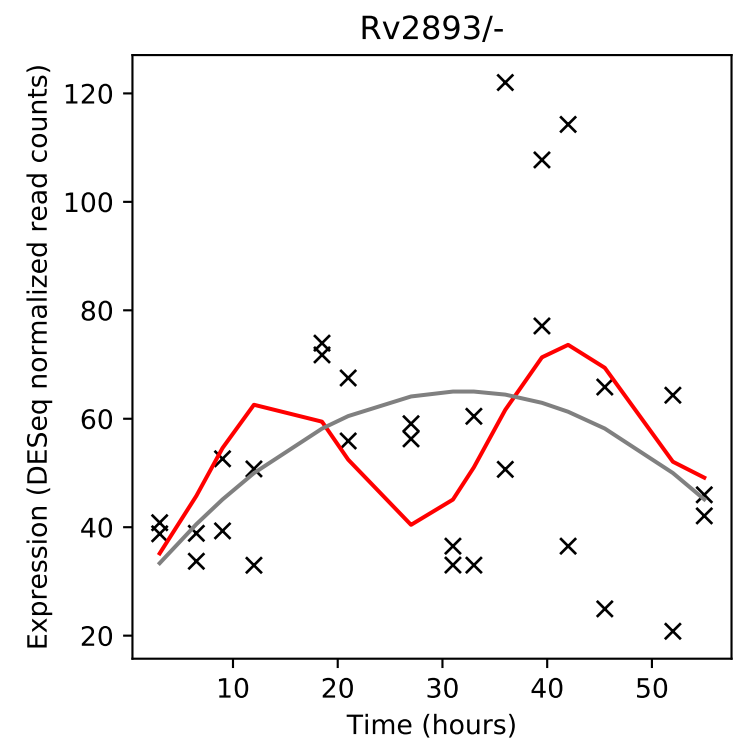

Rv2872/vapC43
Rv2873/mpt83
Rv2874/dipZ
Rv2875/mpt70
Rv2876/-
Rv2877c/-
Rv2878c/mpt53
Rv2879c/-
Rv2880c/-
Expression (DESeq normalized read counts)
Time (hours)

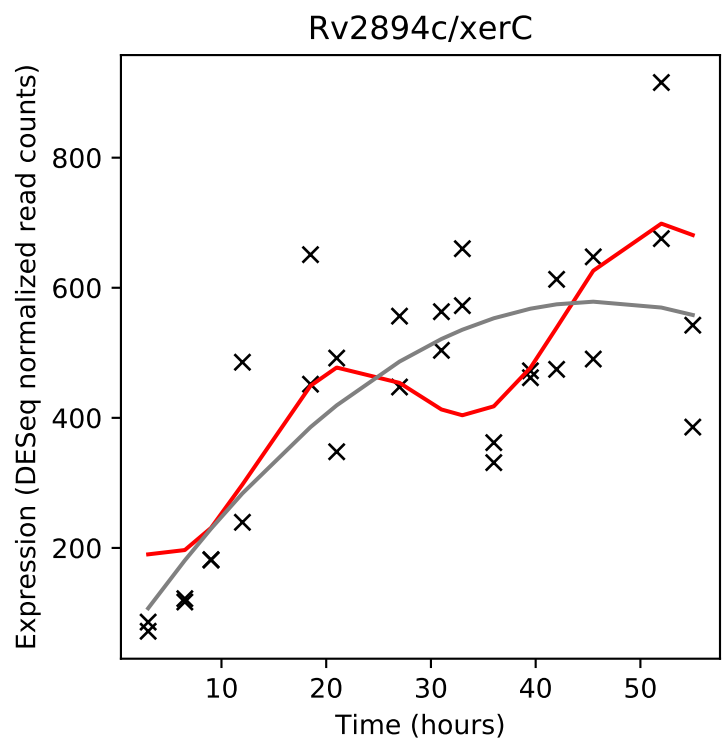

Rv2881c/cdsA
Rv2882c/frr
Rv2883c/pyrH
Rv2884/-
Rv2885c/-
Rv2886c/-
Rv2887/-
Rv2888c/amiC
Rv2889c/tsf
Expression (DESeq normalized read counts)
Time (hours)

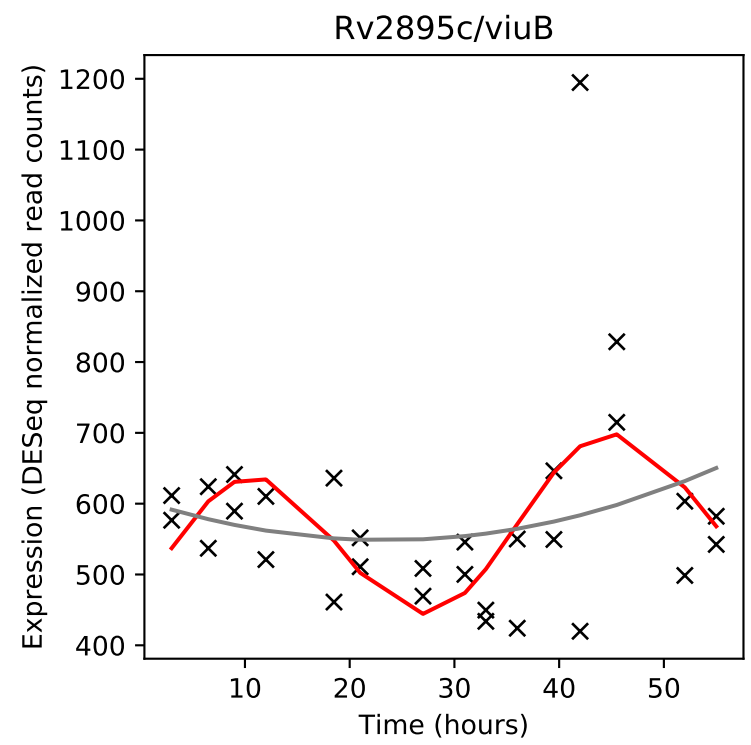

Rv2890c/rpsB
Expression (DESeq normalized read counts)
Time (hours)

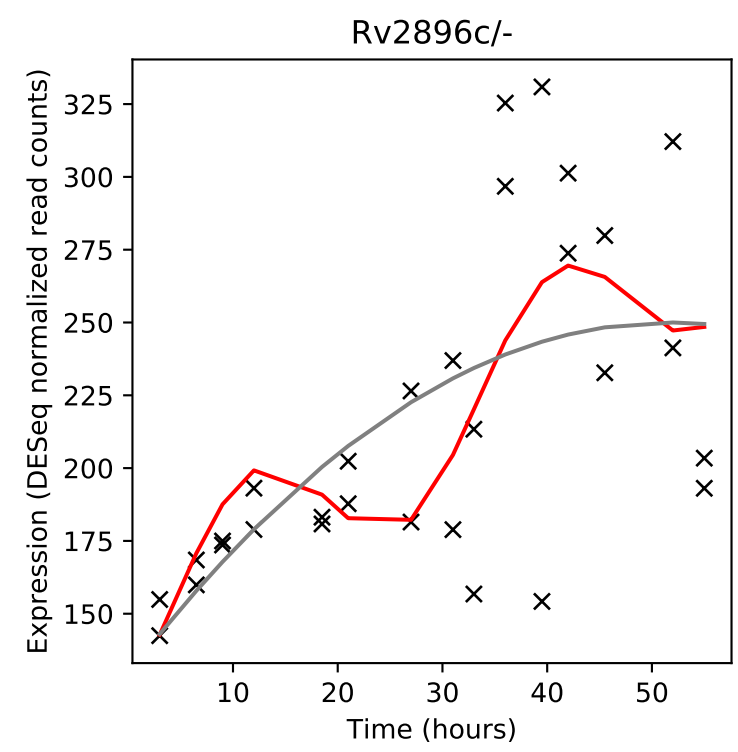

Rv2891/-
Expression (DESeq normalized read counts)
Time (hours)

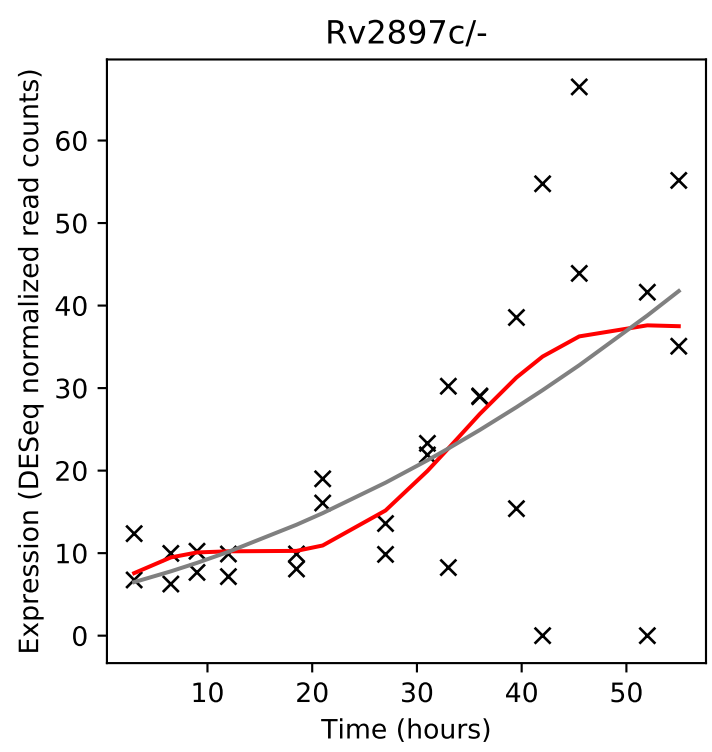

Rv2892c/PPE45
Expression (DESeq normalized read counts)
Time (hours)

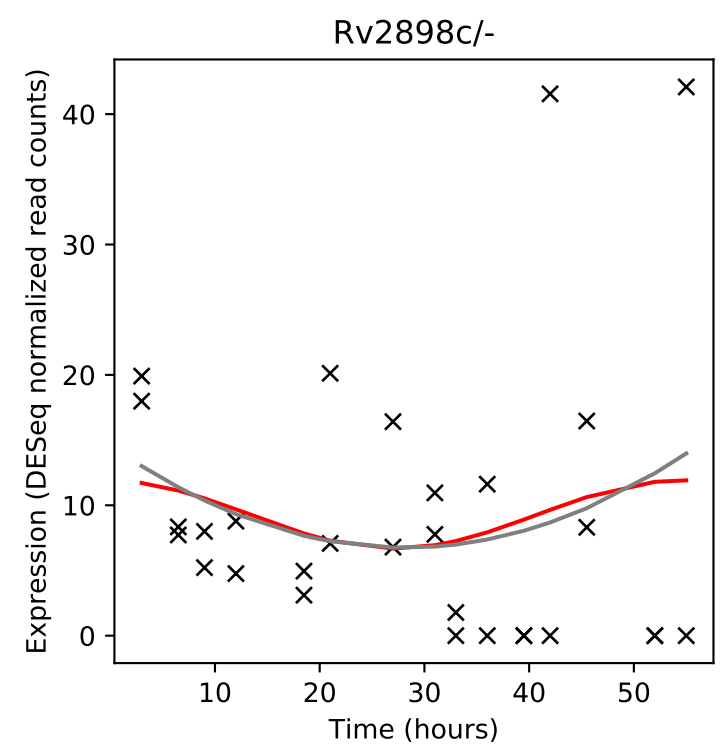

Rv2893/-
Expression (DESeq normalized read counts)
Time (hours)

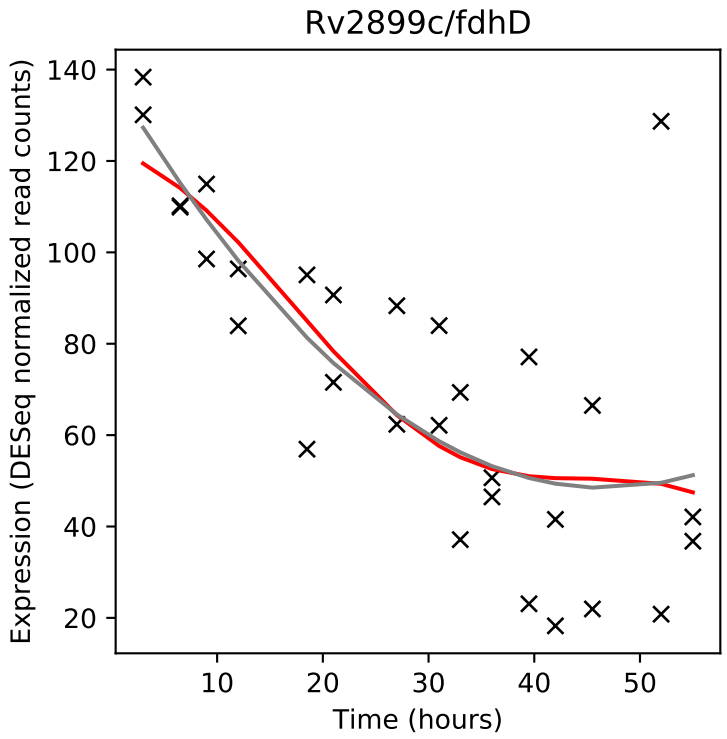

Rv2894c/xerC
Expression (DESeq normalized read counts)
Time (hours)

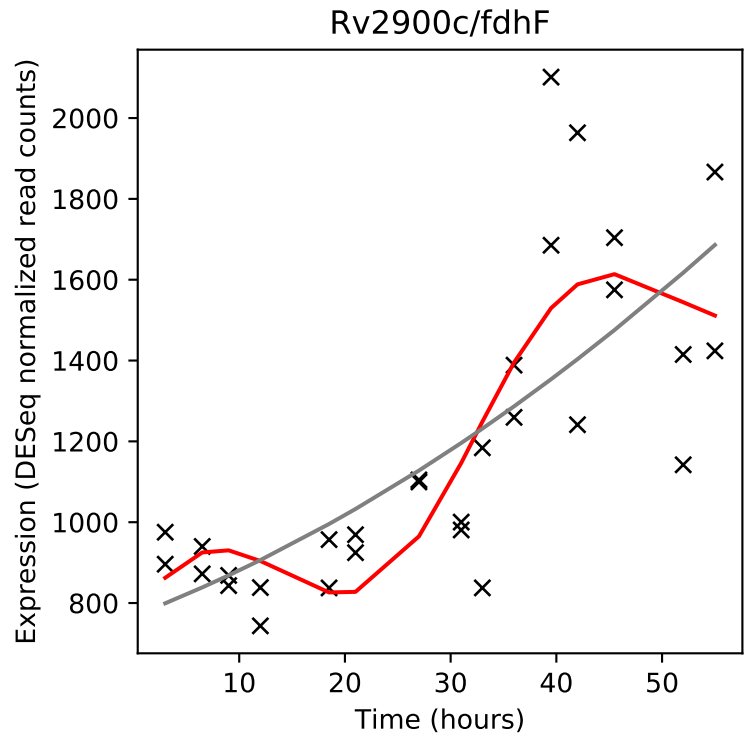

Rv2895c/viuB
Expression (DESeq normalized read counts)
Time (hours)

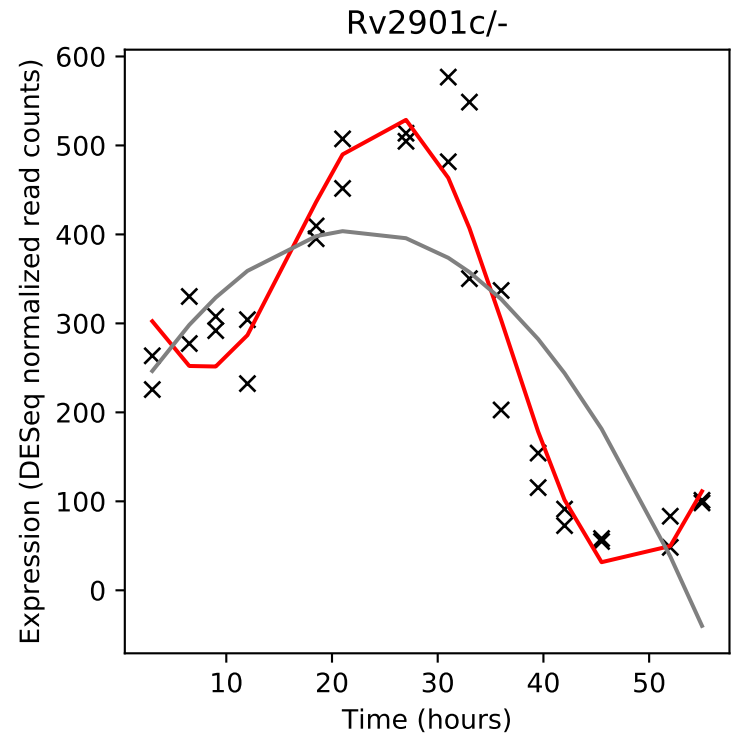

Rv2896c/-
Expression (DESeq normalized read counts)
Time (hours)

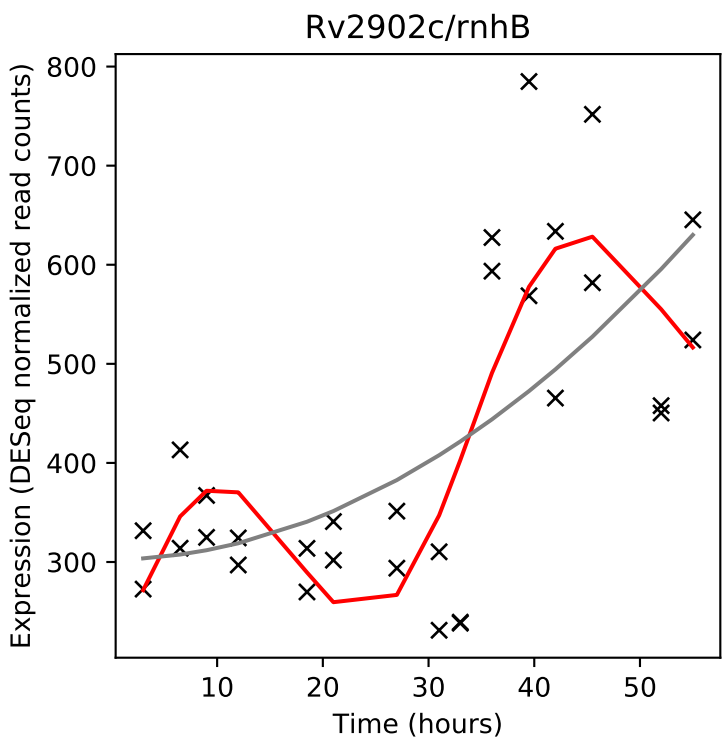

Rv2897c/-
Expression (DESeq normalized read counts)
Time (hours)

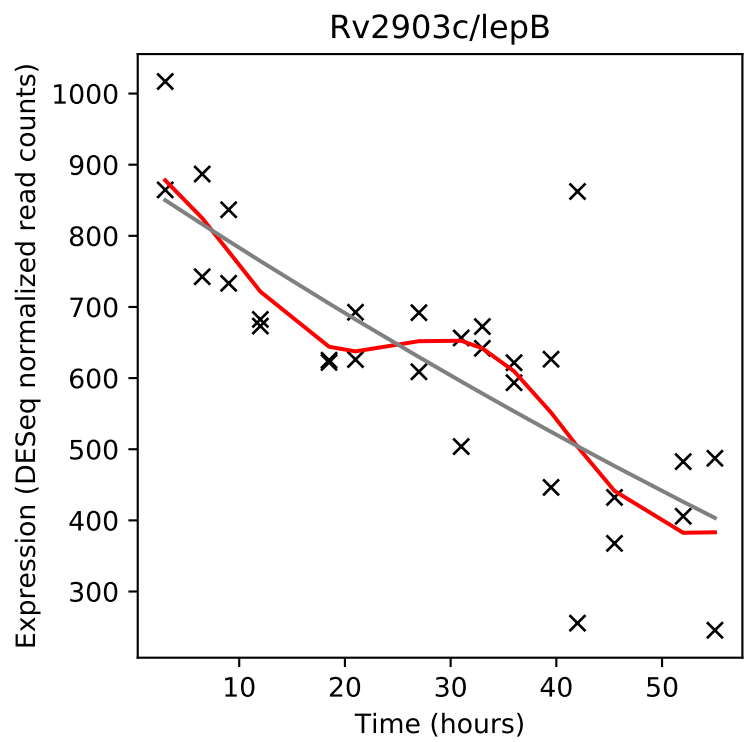

Rv2898c/-
Expression (DESeq normalized read counts)
Time (hours)

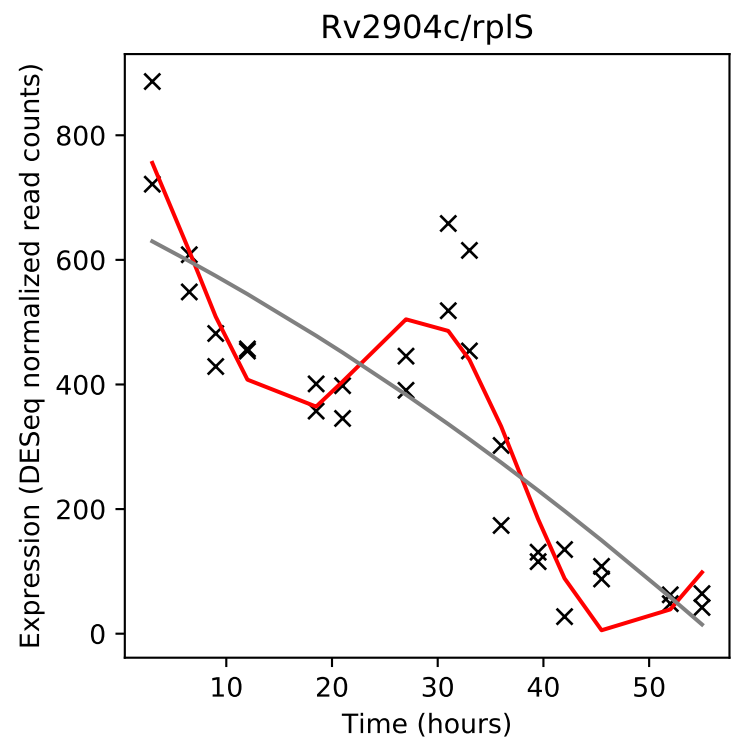

Rv2899c/fdhD
Expression (DESeq normalized read counts)
Time (hours)

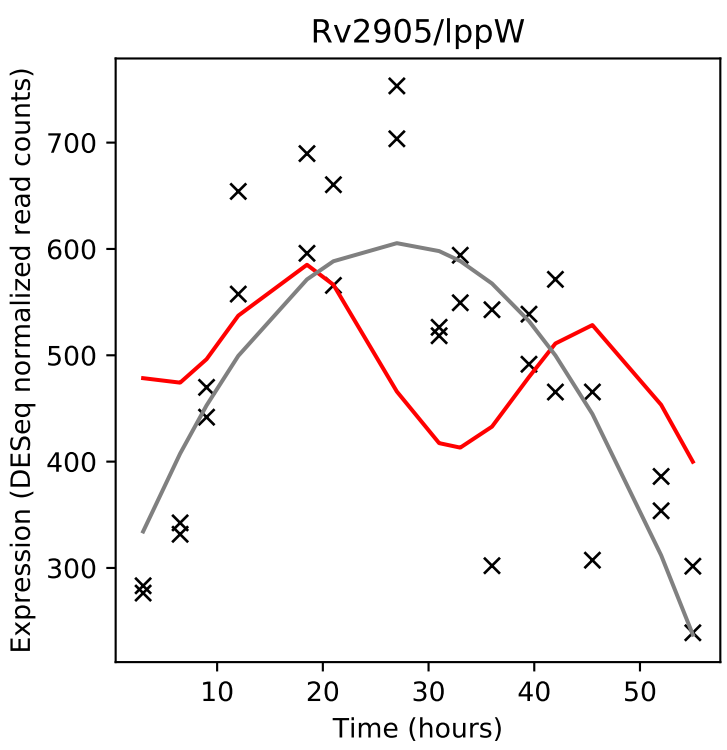

Rv2900c/fdhF
Expression (DESeq normalized read counts)
Time (hours)

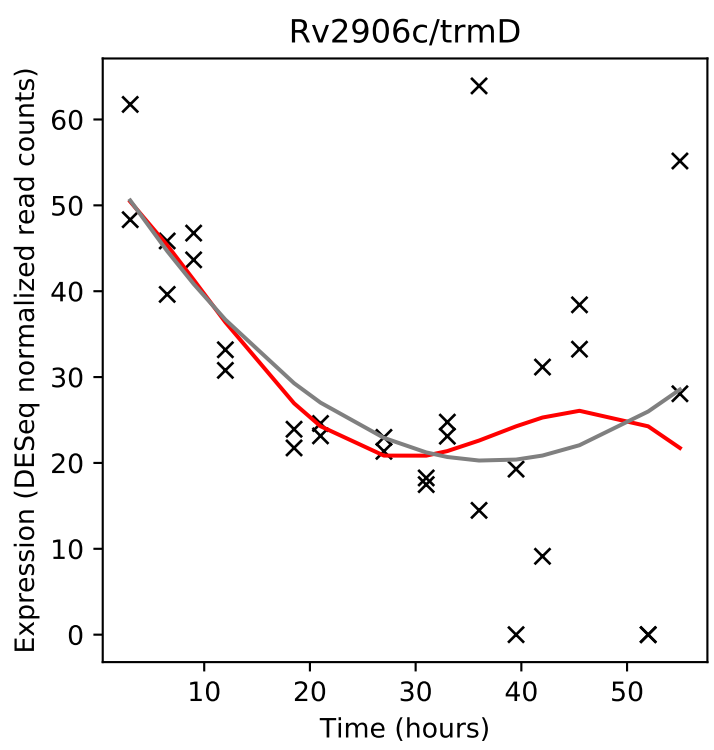

Rv2901c/-
Expression (DESeq normalized read counts)
Time (hours)

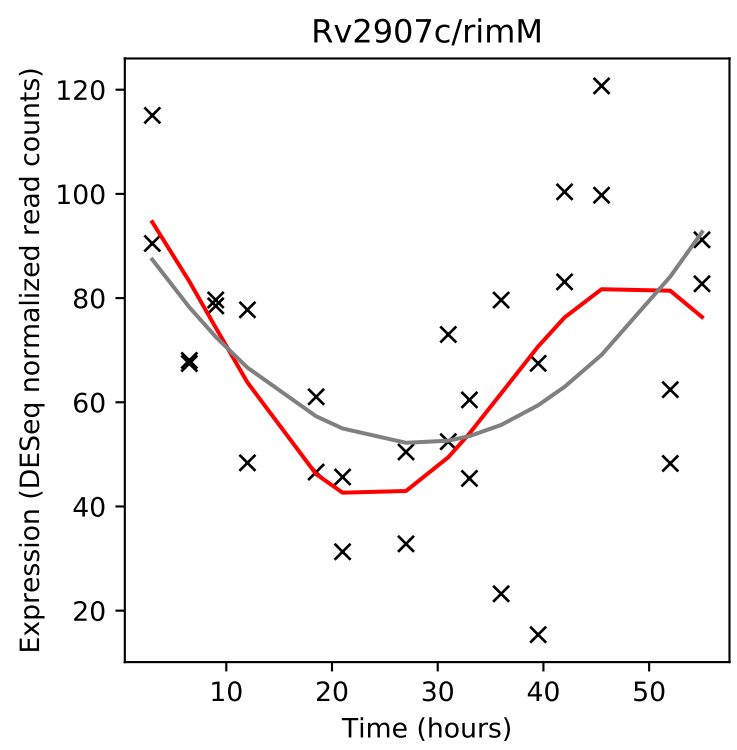

Rv2902c/rnhB
Expression (DESeq normalized read counts)
Time (hours)

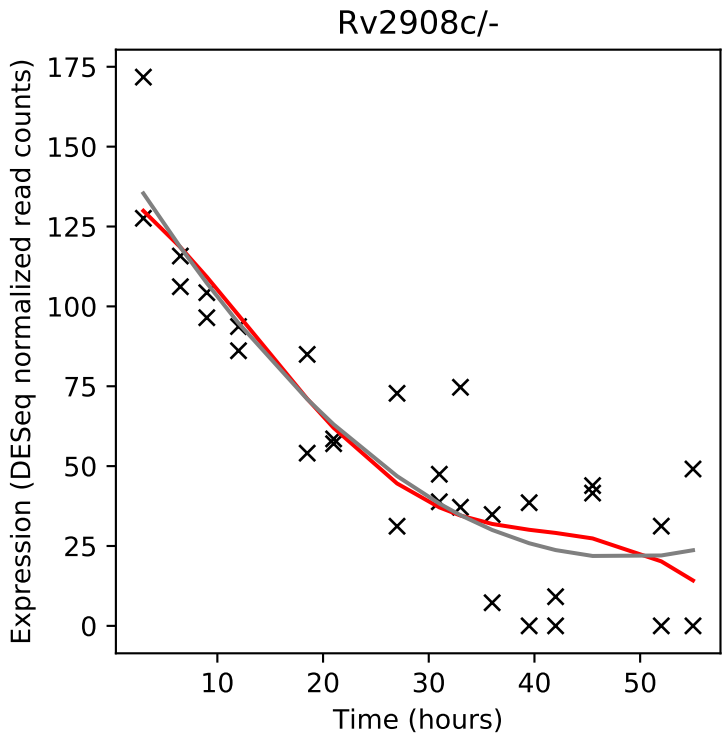

Rv2903c/lepB
Expression (DESeq normalized read counts)
Time (hours)

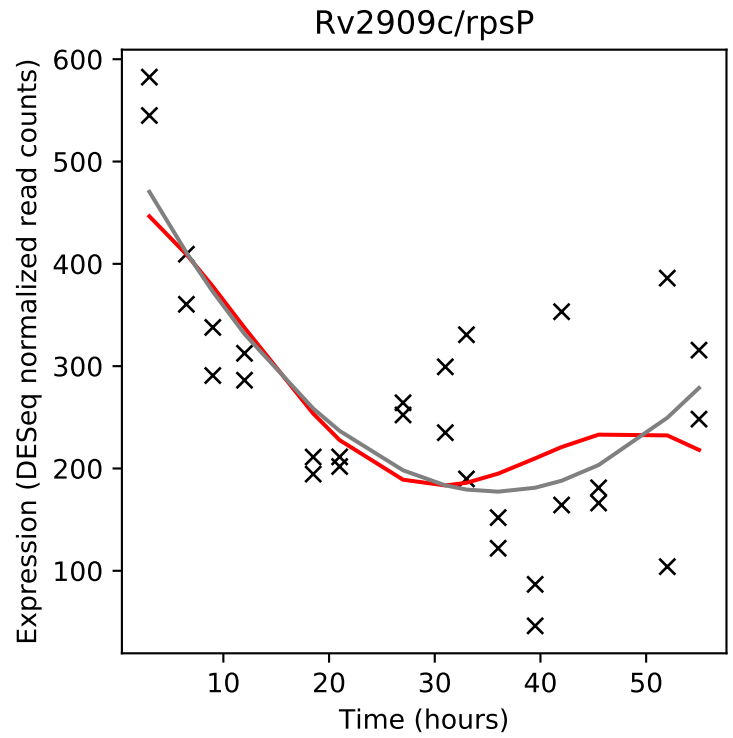

Rv2904c/rplS
Expression (DESeq normalized read counts)
Time (hours)

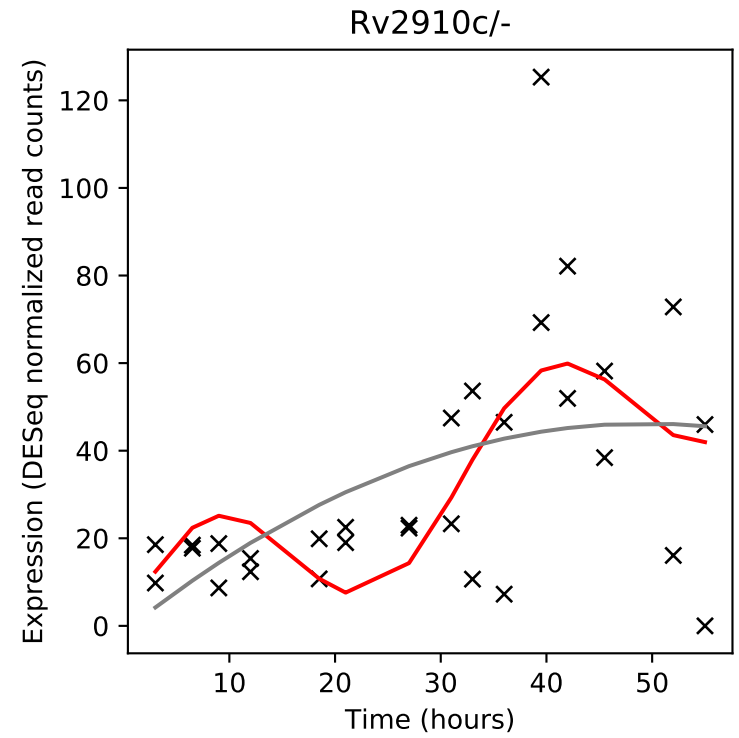

Rv2905/lppW
Expression (DESeq normalized read counts)
Time (hours)

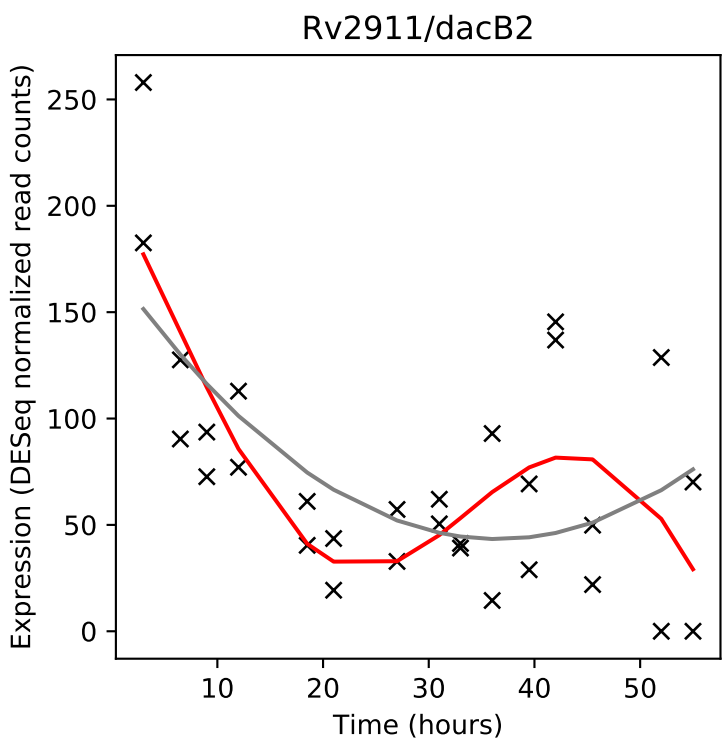

Rv2906c/trmD
Expression (DESeq normalized read counts)
Time (hours)

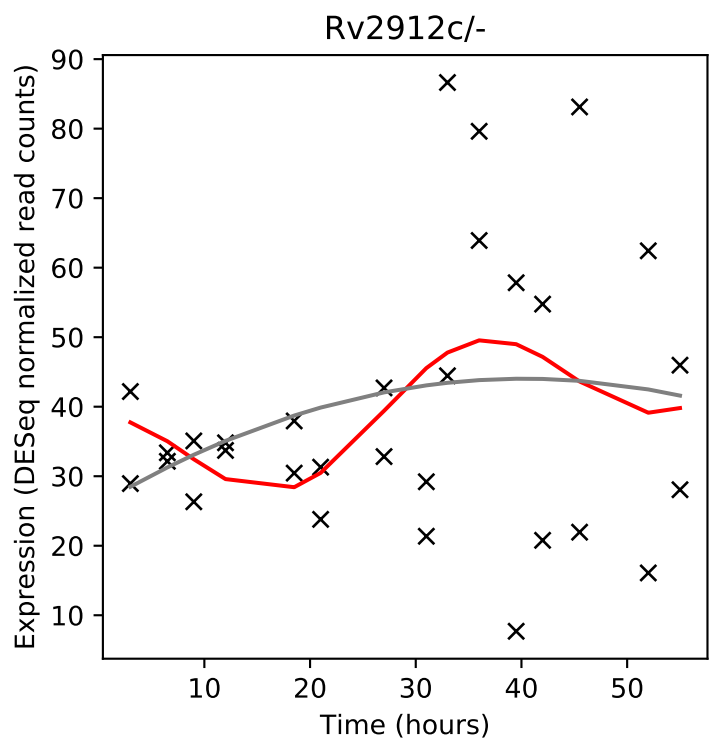

Rv2907c/rimM
Expression (DESeq normalized read counts)
Time (hours)

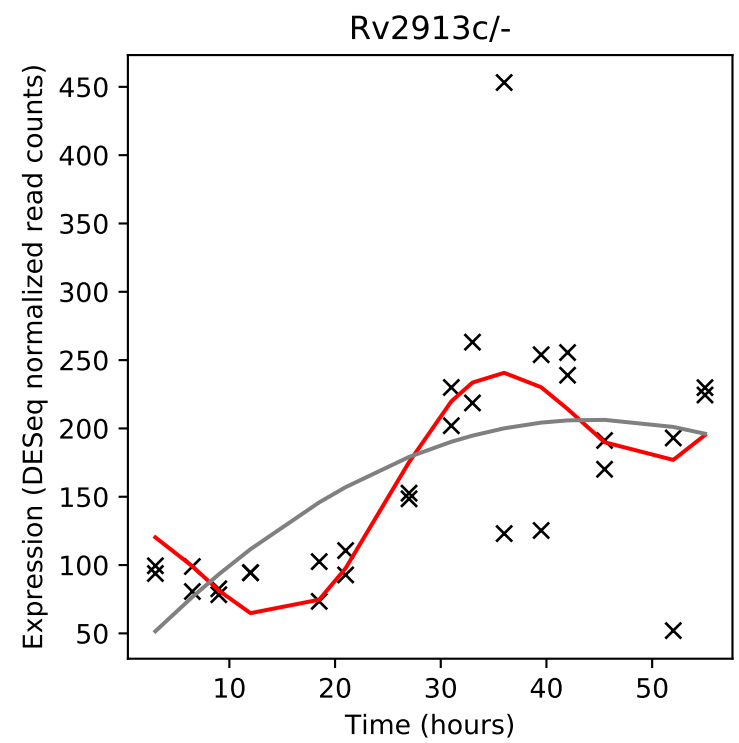

Rv2908c/-
Expression (DESeq normalized read counts)
Time (hours)

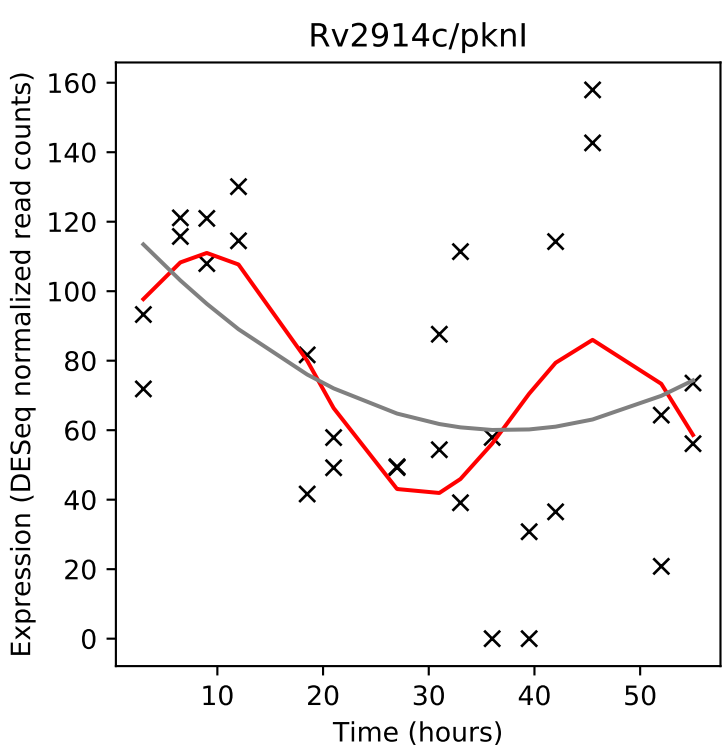

Rv2909c/rpsP
Expression (DESeq normalized read counts)
Time (hours)

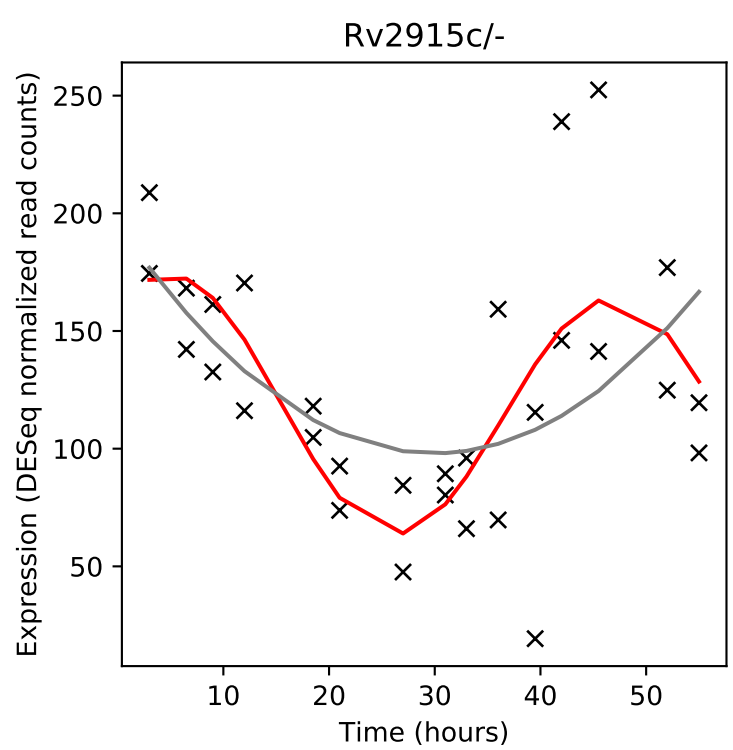

Rv2910c/-
Expression (DESeq normalized read counts)
Time (hours)

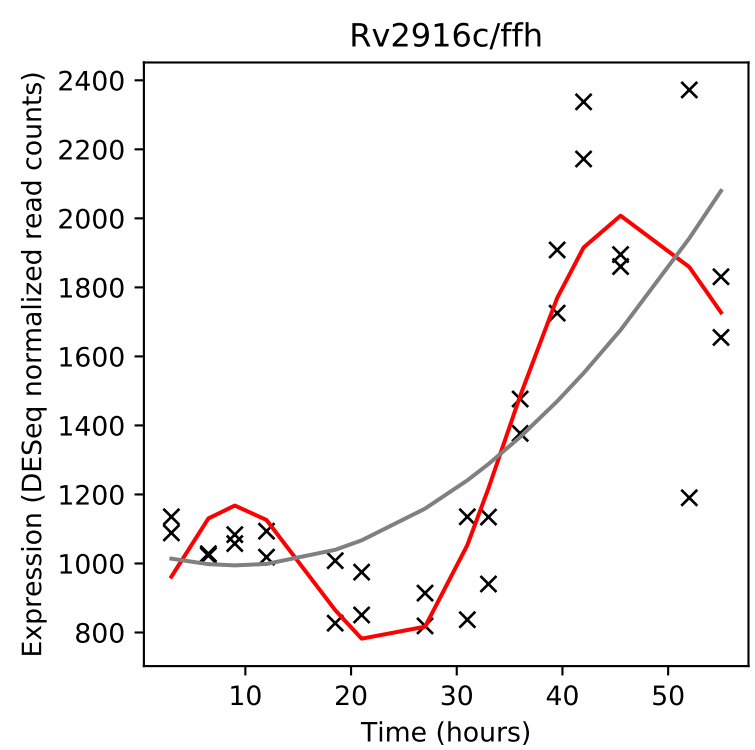

Rv2911/dacB2
Expression (DESeq normalized read counts)
Time (hours)

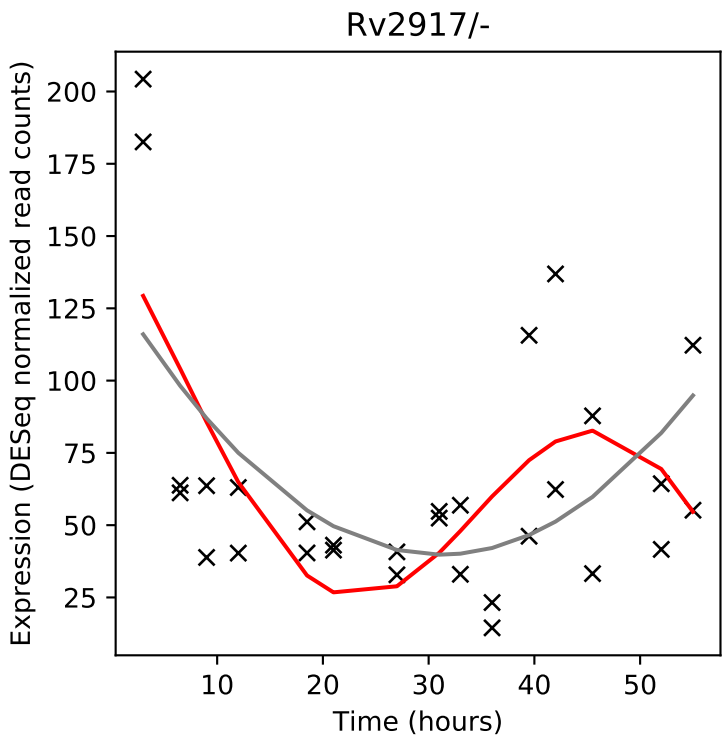

Rv2912c/-
Expression (DESeq normalized read counts)
Time (hours)

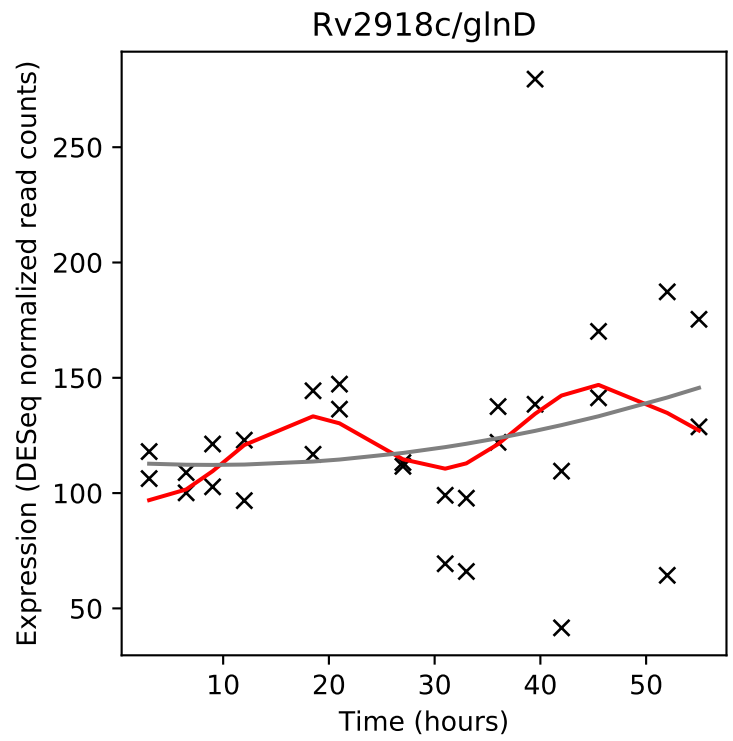

Rv2913c/-
Expression (DESeq normalized read counts)
Time (hours)

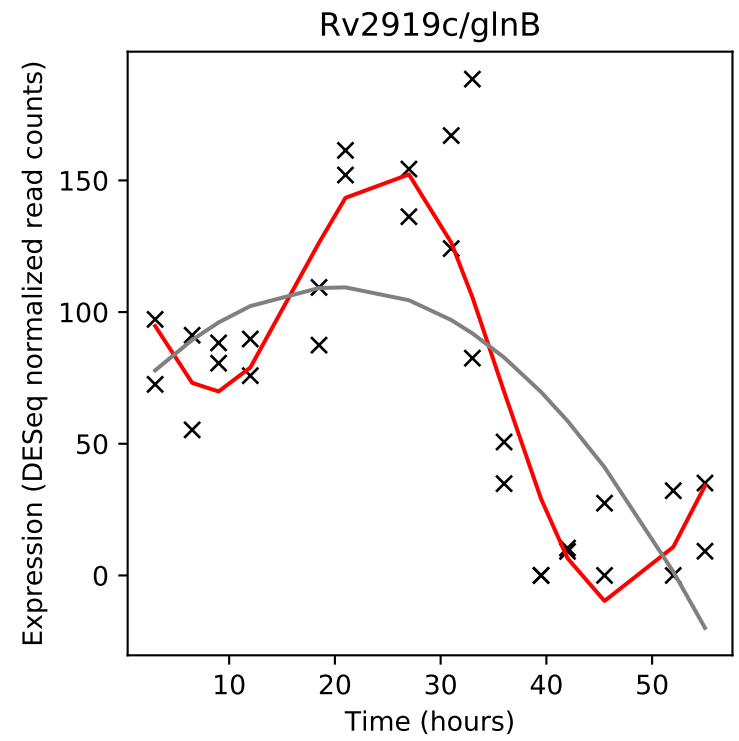

Rv2914c/pknI
Expression (DESeq normalized read counts)
Time (hours)

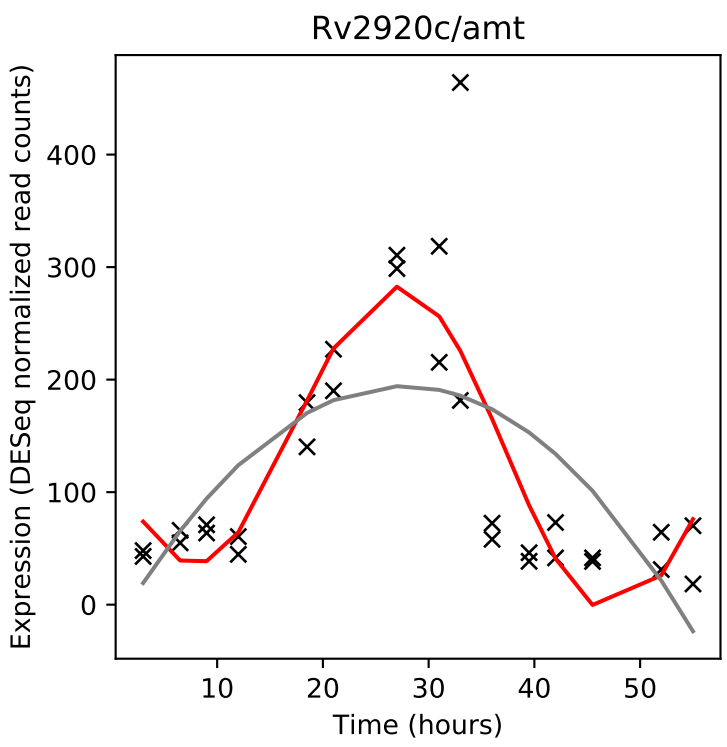

Rv2915c/-
Expression (DESeq normalized read counts)
Time (hours)

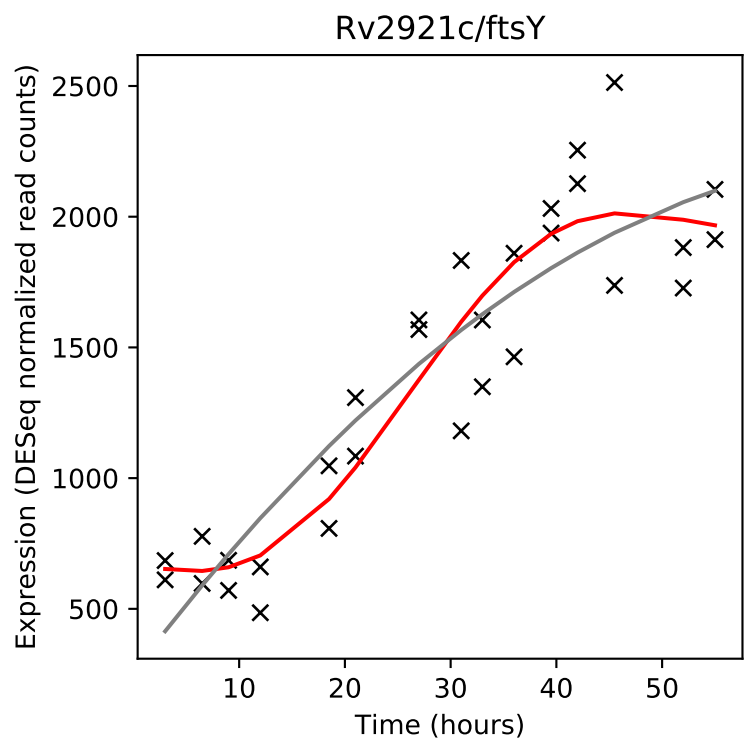

Rv2916c/ffh
Expression (DESeq normalized read counts)
Time (hours)

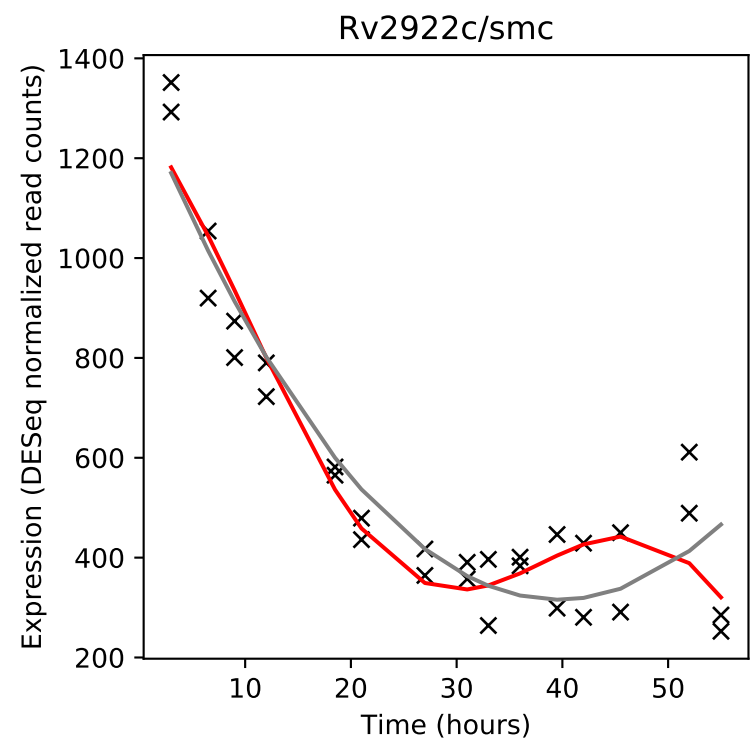

Rv2917/-
Expression (DESeq normalized read counts)
Time (hours)

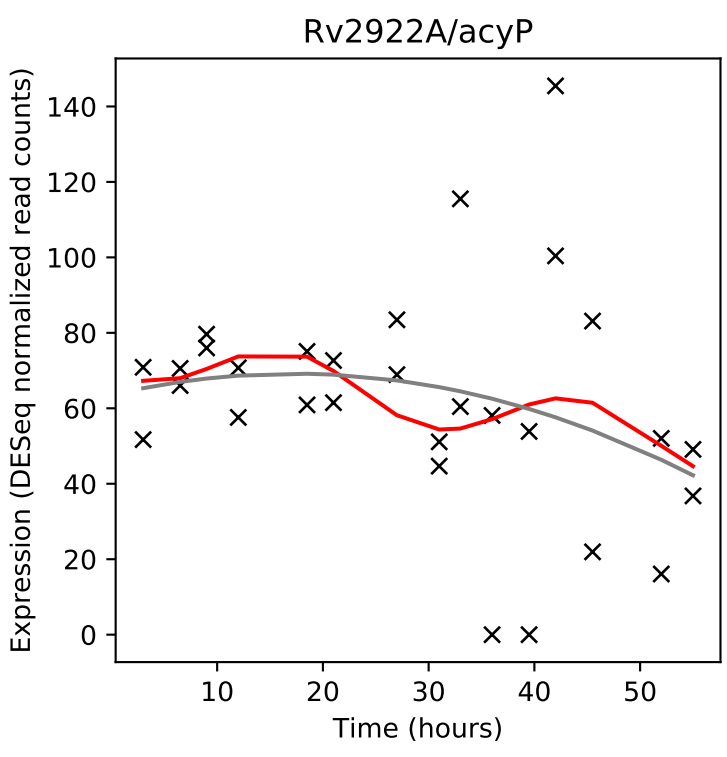

Rv2918c/glnD
Expression (DESeq normalized read counts)
Time (hours)

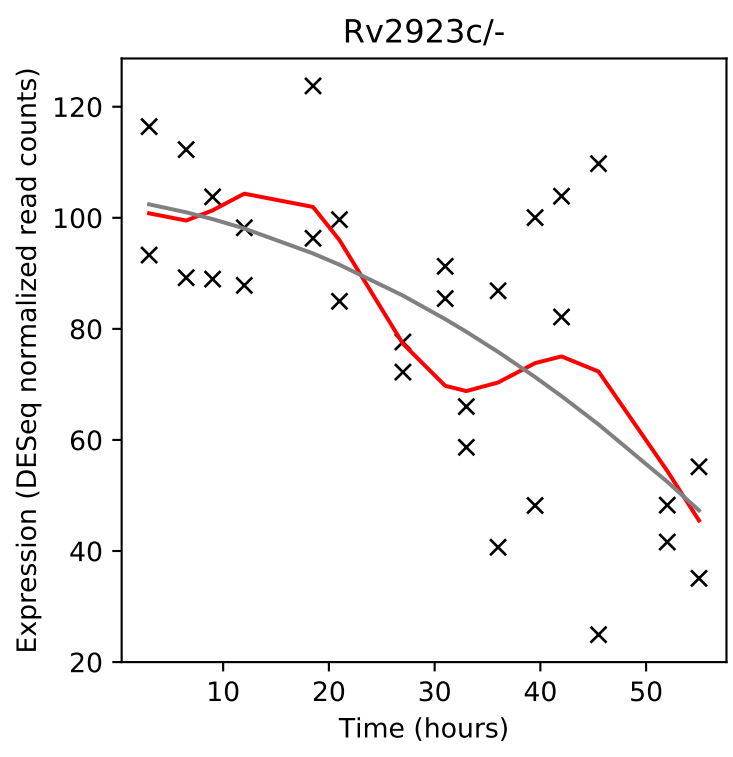

Rv2919c/glnB
Expression (DESeq normalized read counts)
Time (hours)

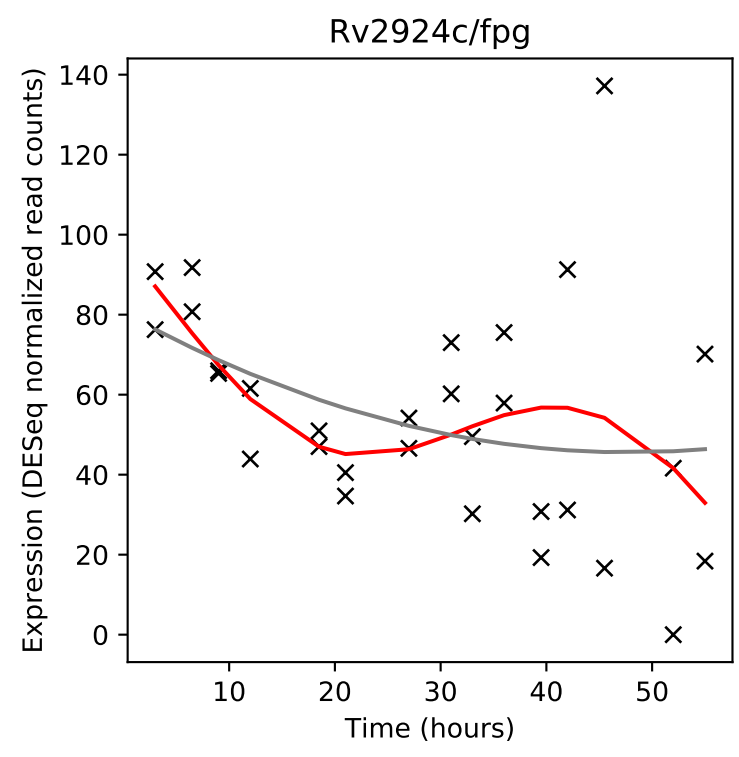

Rv2920c/amt
Expression (DESeq normalized read counts)
Time (hours)

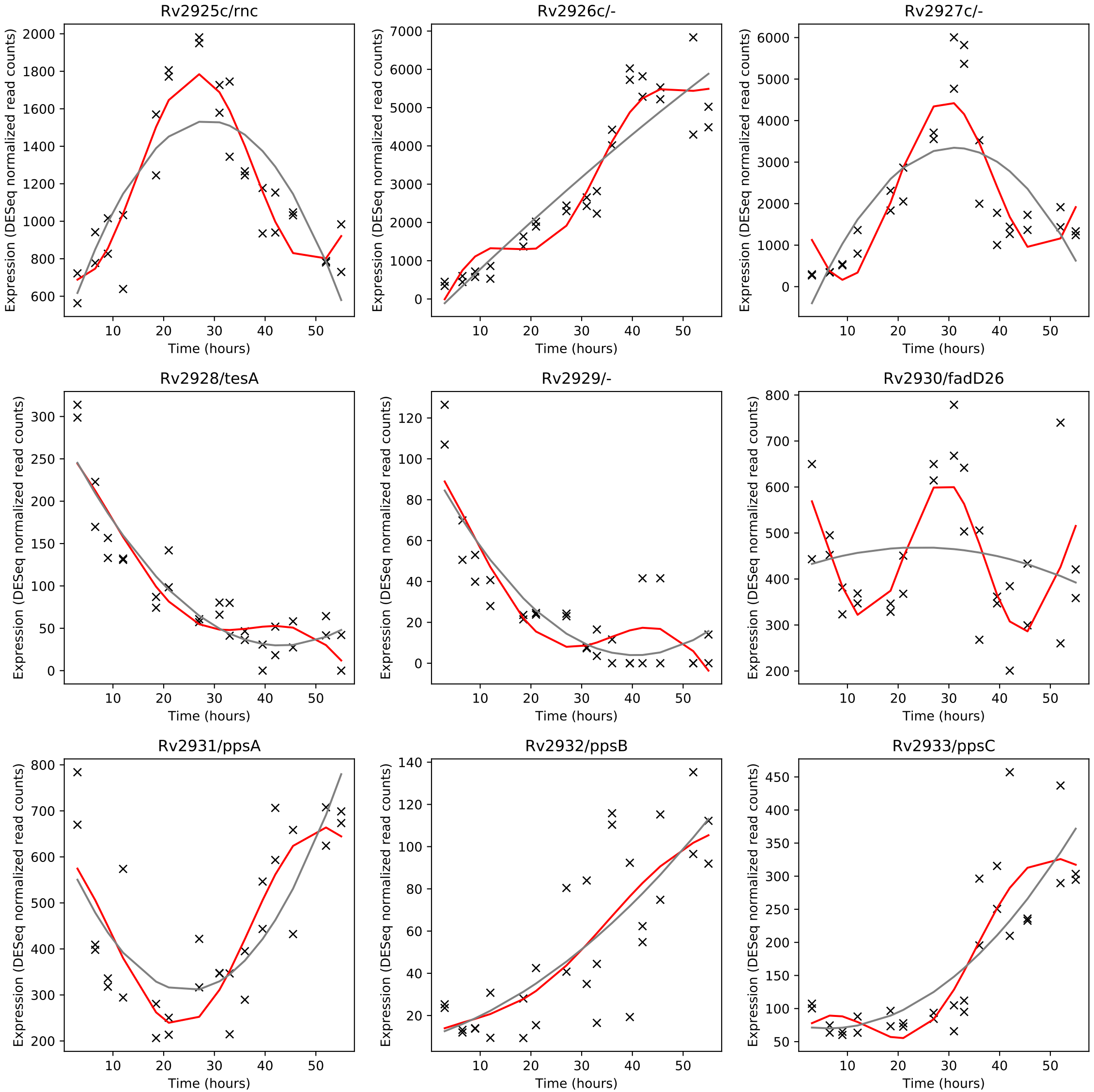

Rv2921c/ftsY
Expression (DESeq normalized read counts)
Time (hours)

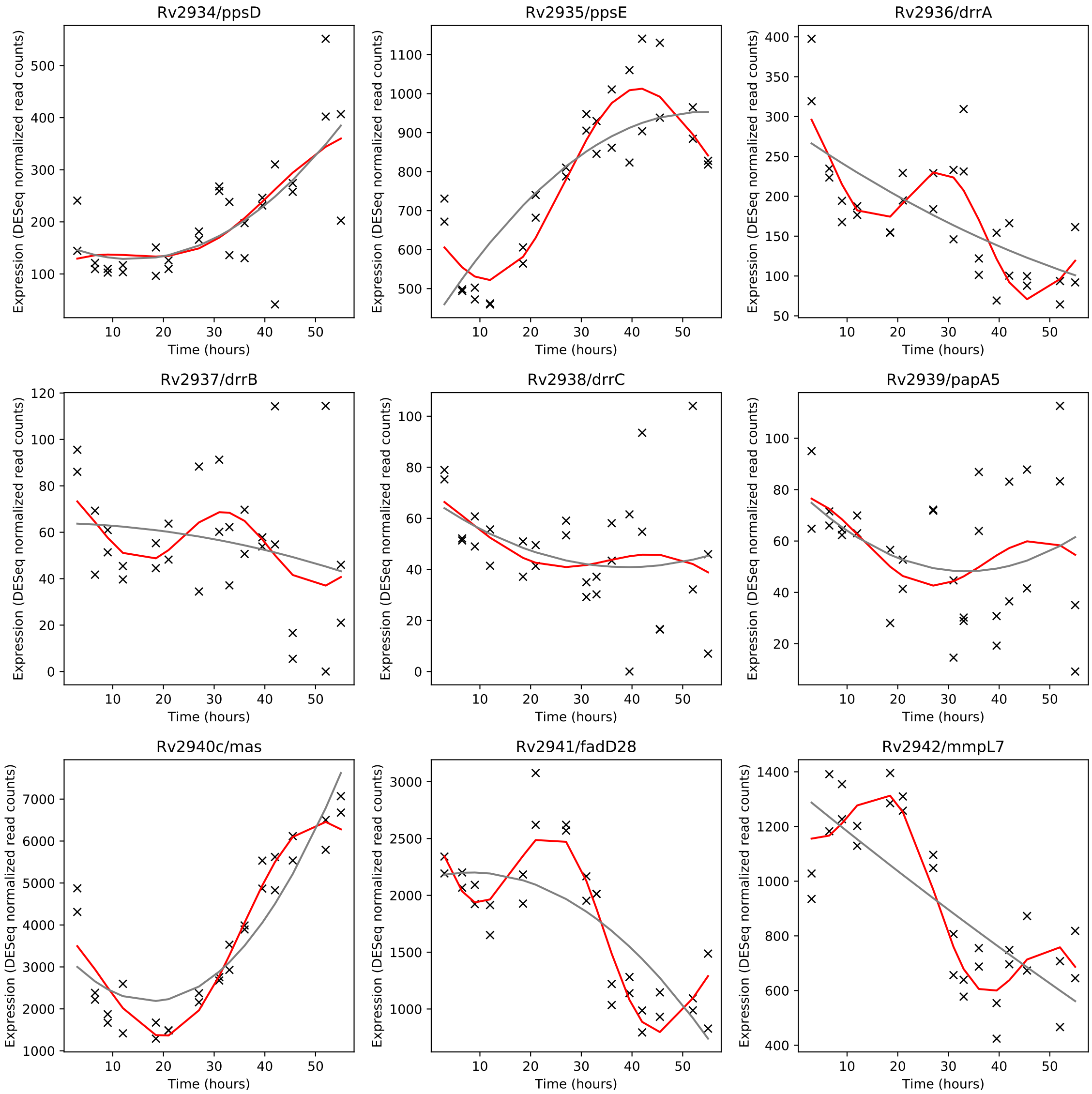

Rv2922c/smc
Expression (DESeq normalized read counts)
Time (hours)

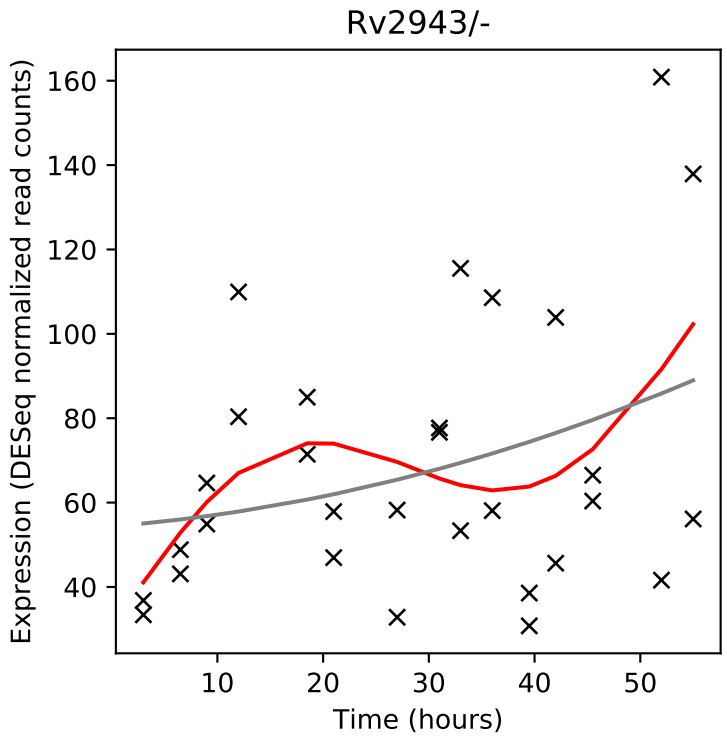

Rv2922A/acyP
Expression (DESeq normalized read counts)
Time (hours)

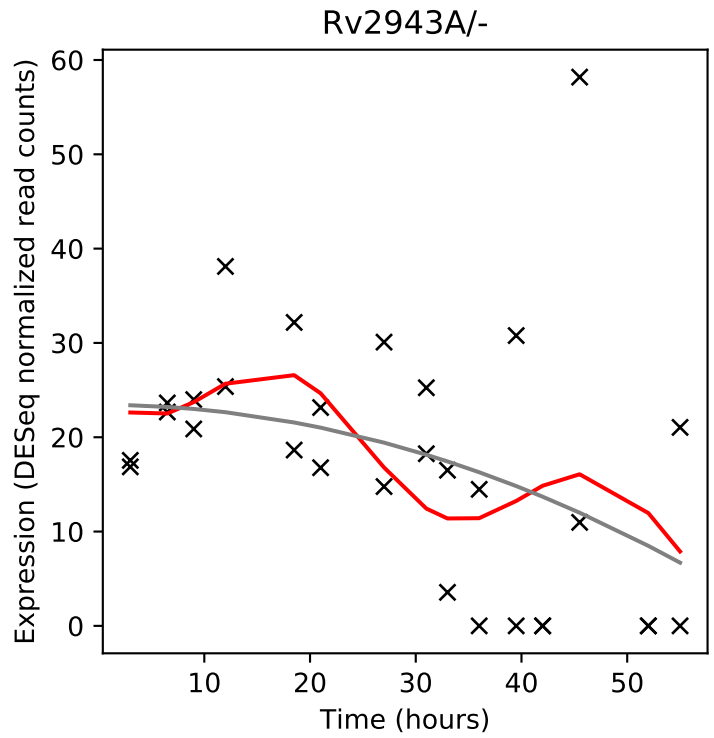

Rv2923c/-
Expression (DESeq normalized read counts)
Time (hours)

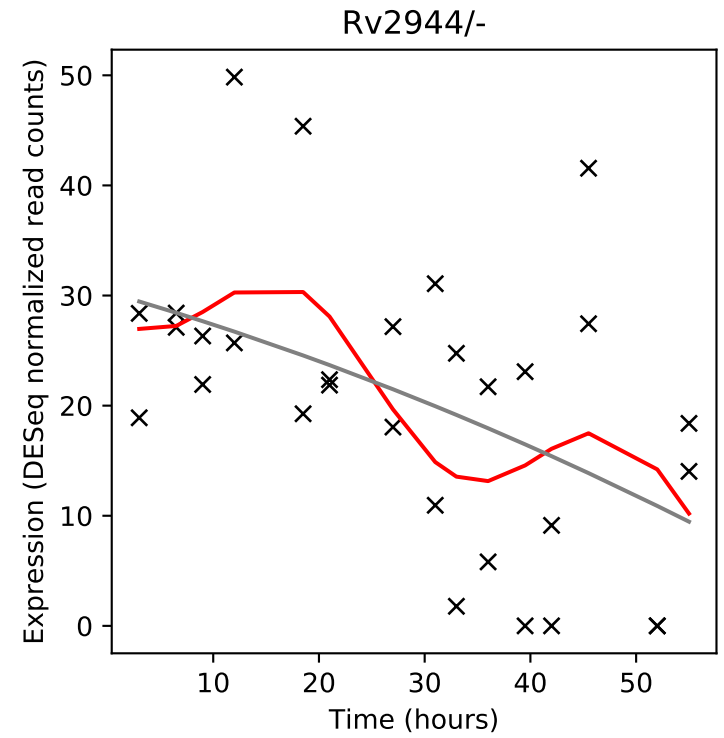

Rv2924c/fpg
Expression (DESeq normalized read counts)
Time (hours)

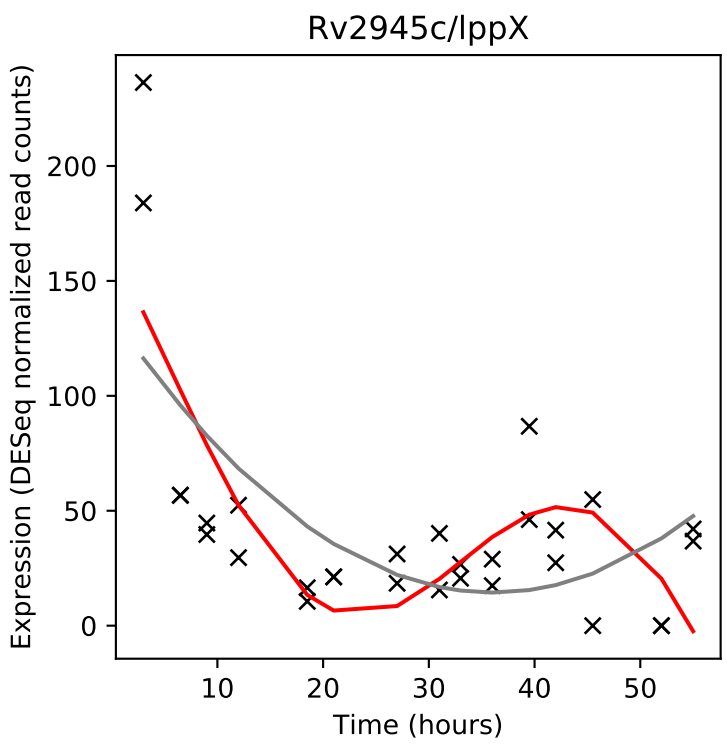

Rv2925c/rnc
Rv2926c/-
Rv2927c/-
Rv2928/tesA
Rv2929/-
Rv2930/fadD26
Rv2931/ppsA
Rv2932/ppsB
Rv2933/ppsC
Expression (DESeq normalized read counts)
Time (hours)

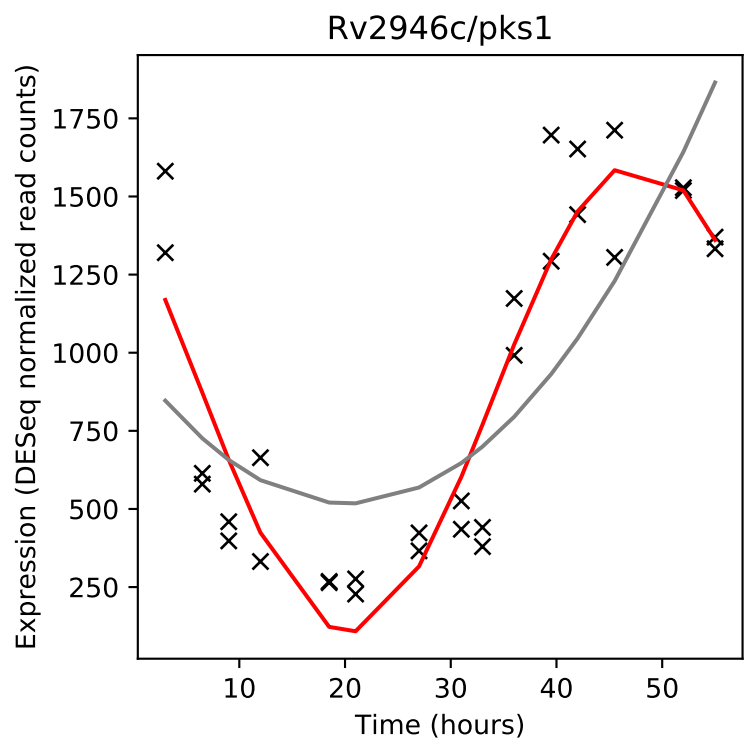

Rv2934/ppsD
Rv2935/ppsE
Rv2936/drrA
Rv2937/drrB
Rv2938/drrC
Rv2939/papA5
Rv2940c/mas
Rv2941/fadD28
Rv2942/mmpL7
Expression (DESeq normalized read counts)
Time (hours)

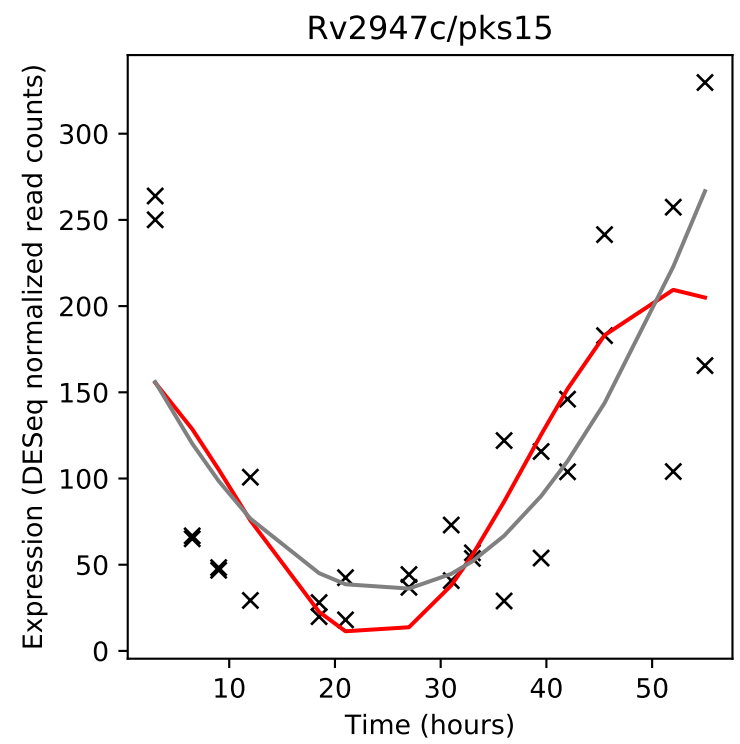

Rv2943/-
Expression (DESeq normalized read counts)
Time (hours)

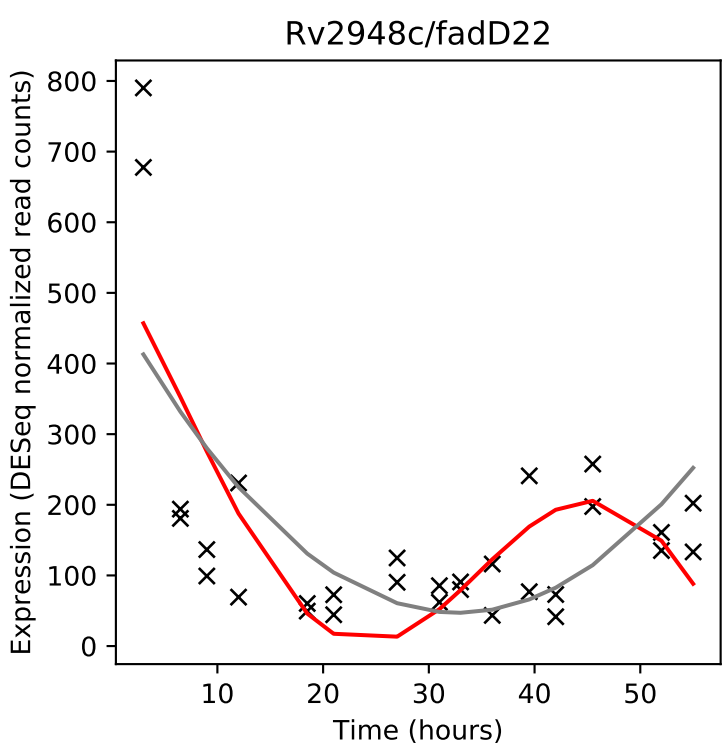

Rv2943A/-
Expression (DESeq normalized read counts)
Time (hours)

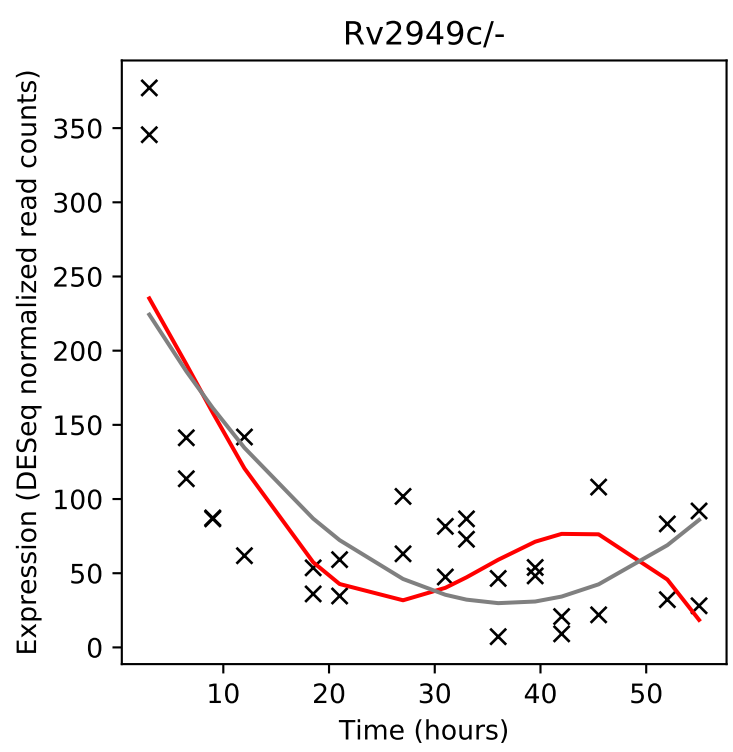

Rv2944/-
Expression (DESeq normalized read counts)
Time (hours)

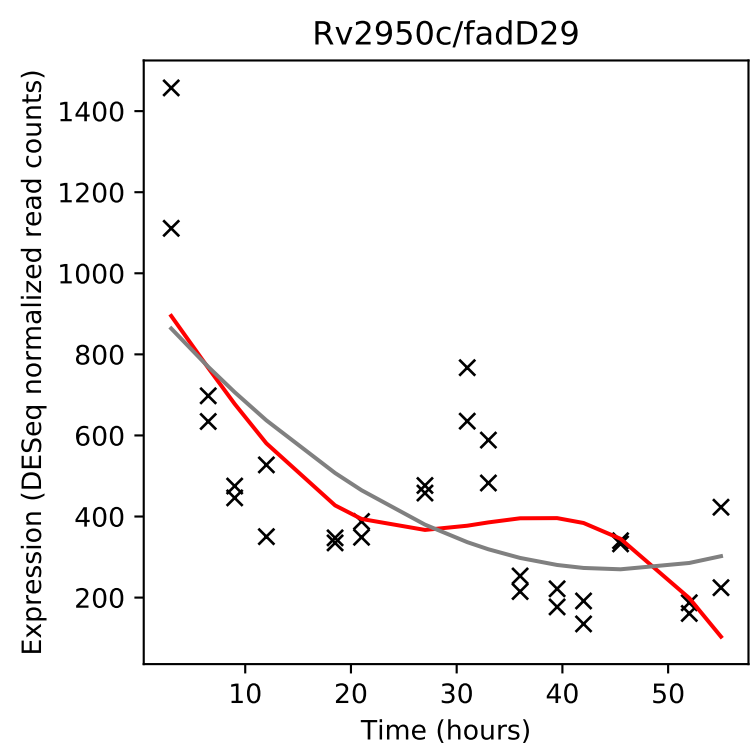

Rv2945c/lppX
Expression (DESeq normalized read counts)
Time (hours)

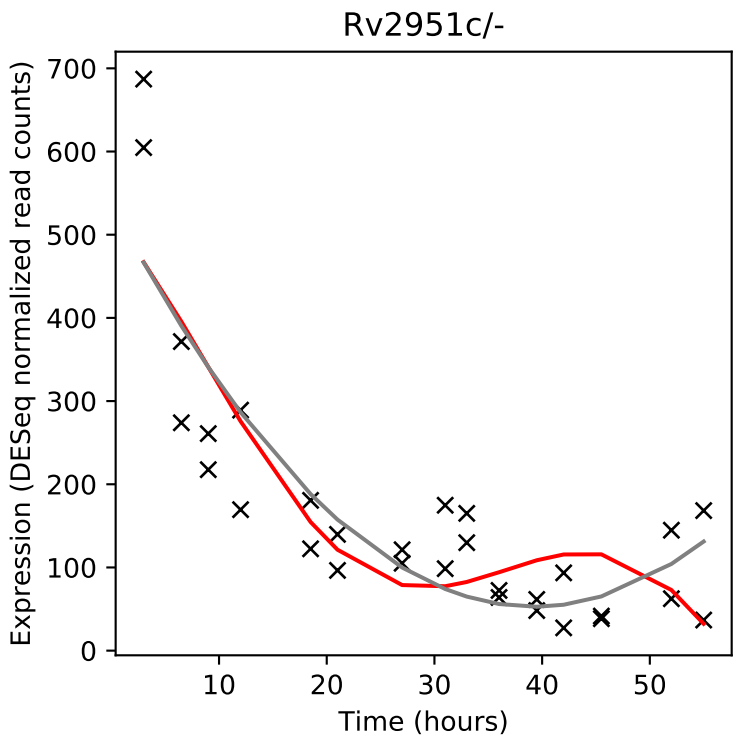

Rv2946c/pks1
Expression (DESeq normalized read counts)
Time (hours)

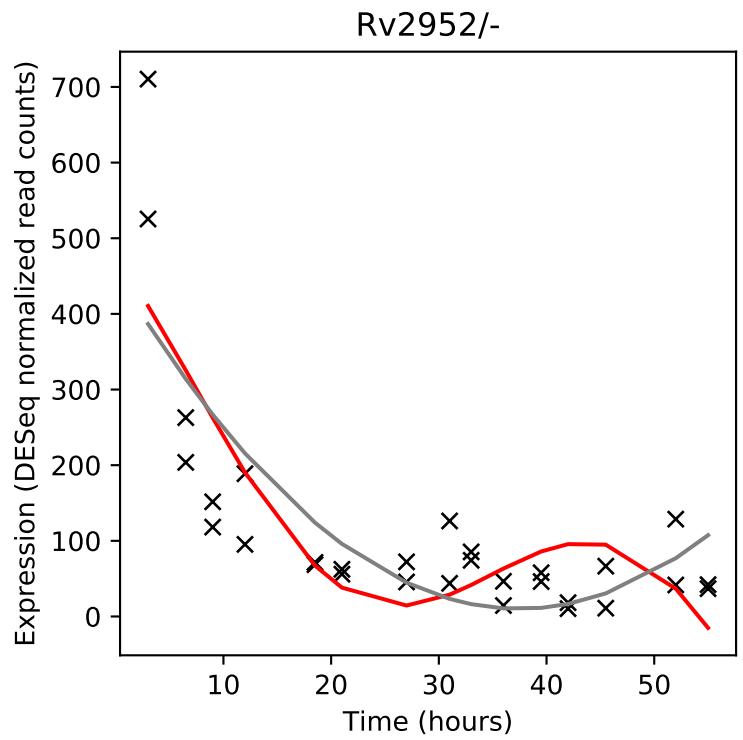

Rv2947c/pks15
Expression (DESeq normalized read counts)
Time (hours)

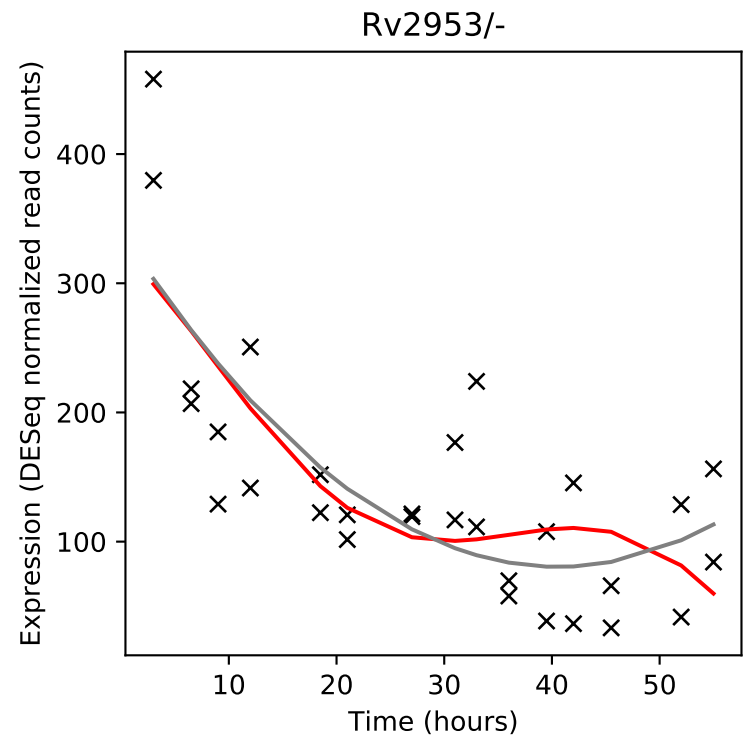

Rv2948c/fadD22
Expression (DESeq normalized read counts)
Time (hours)

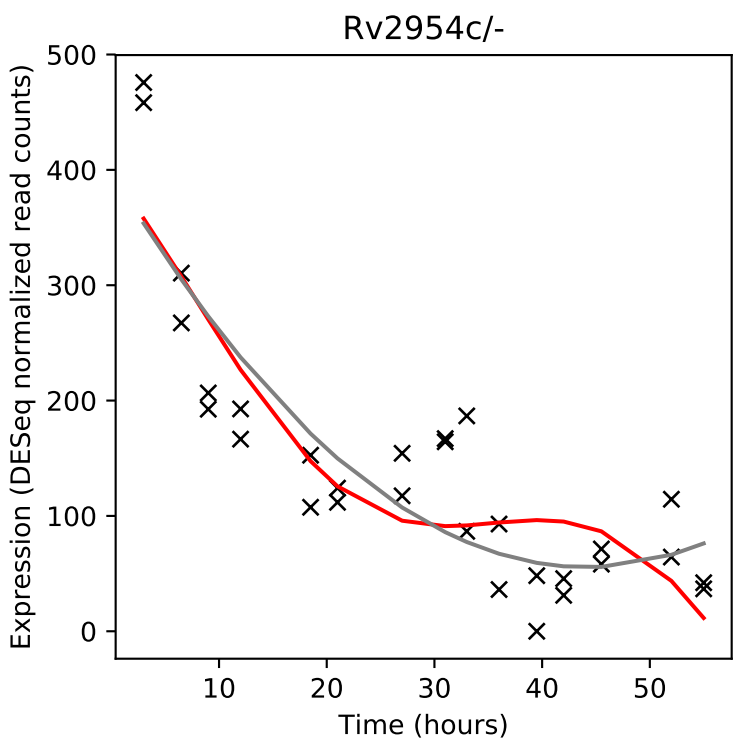

Rv2949c/-
Expression (DESeq normalized read counts)
Time (hours)

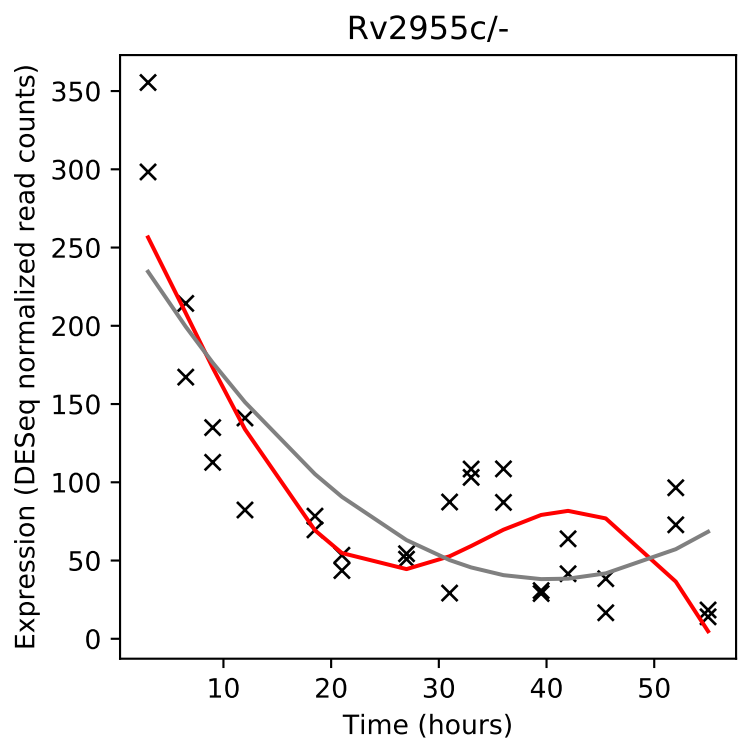

Rv2950c/fadD29
Expression (DESeq normalized read counts)
Time (hours)

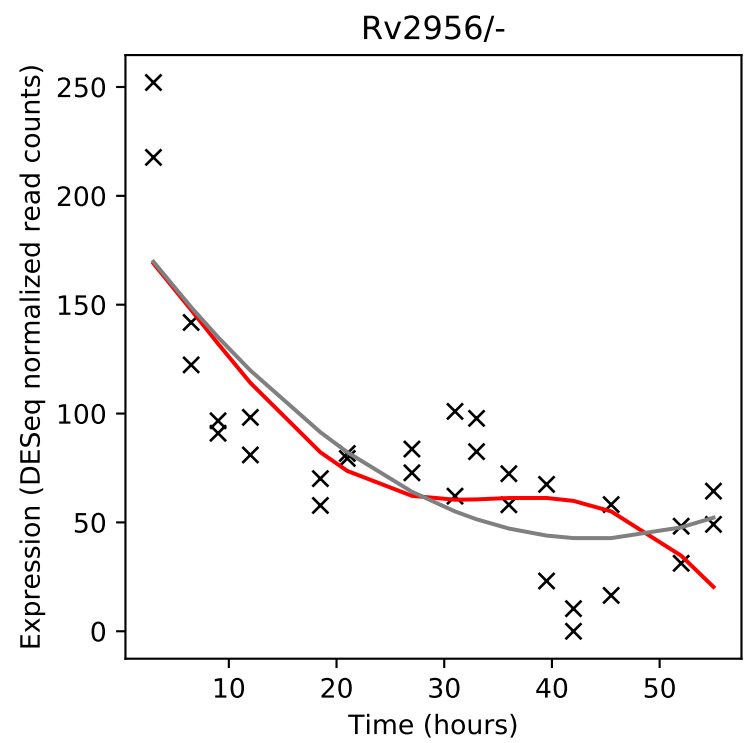

Rv2951c/-
Expression (DESeq normalized read counts)
Time (hours)

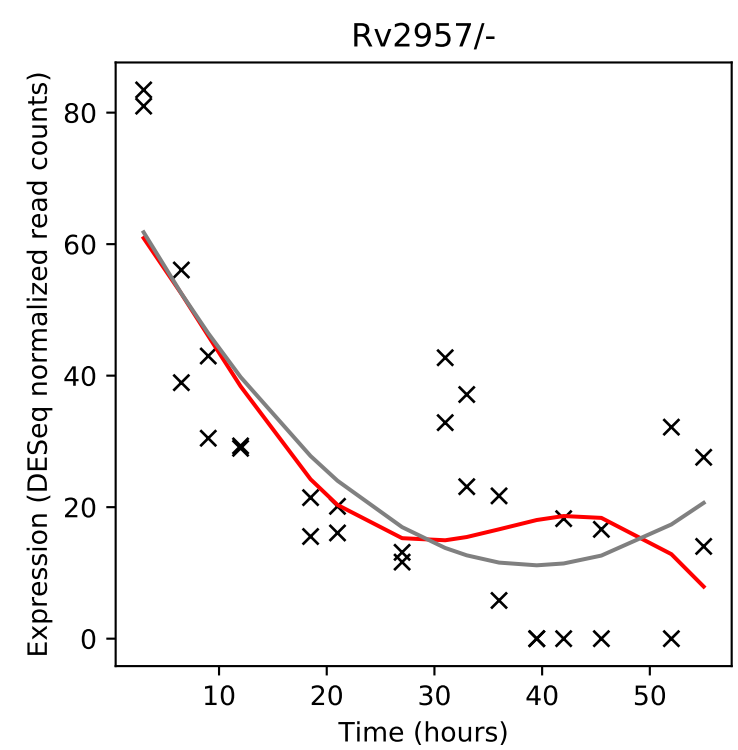

Rv2952/-
Expression (DESeq normalized read counts)
Time (hours)

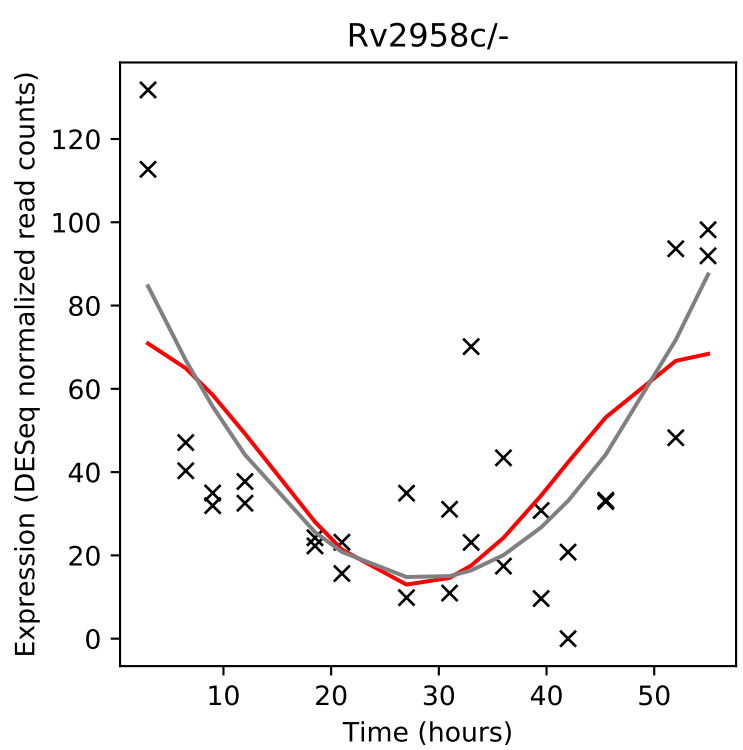

Rv2953/-
Expression (DESeq normalized read counts)
Time (hours)

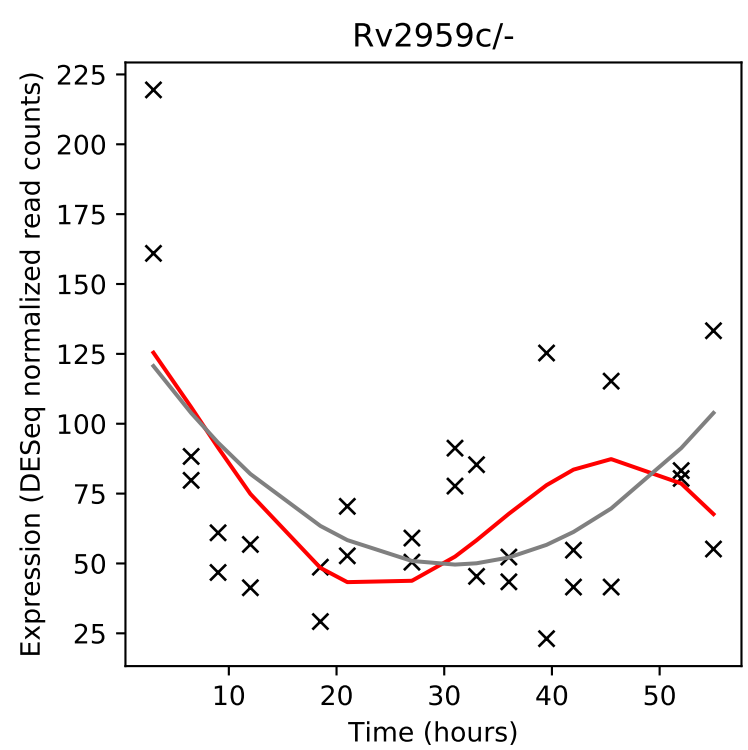

Rv2954c/-
Expression (DESeq normalized read counts)
Time (hours)

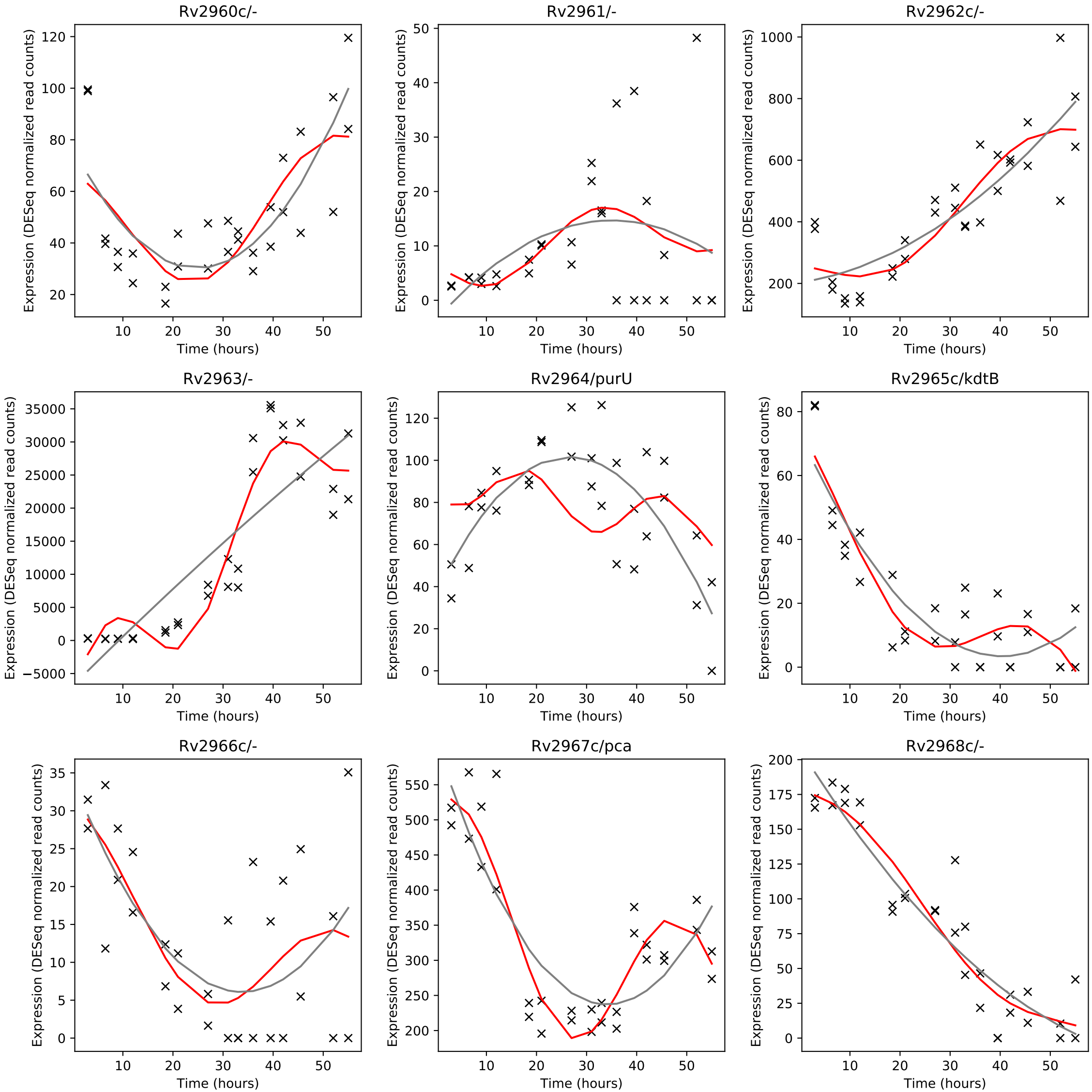

Rv2955c/-
Expression (DESeq normalized read counts)
Time (hours)

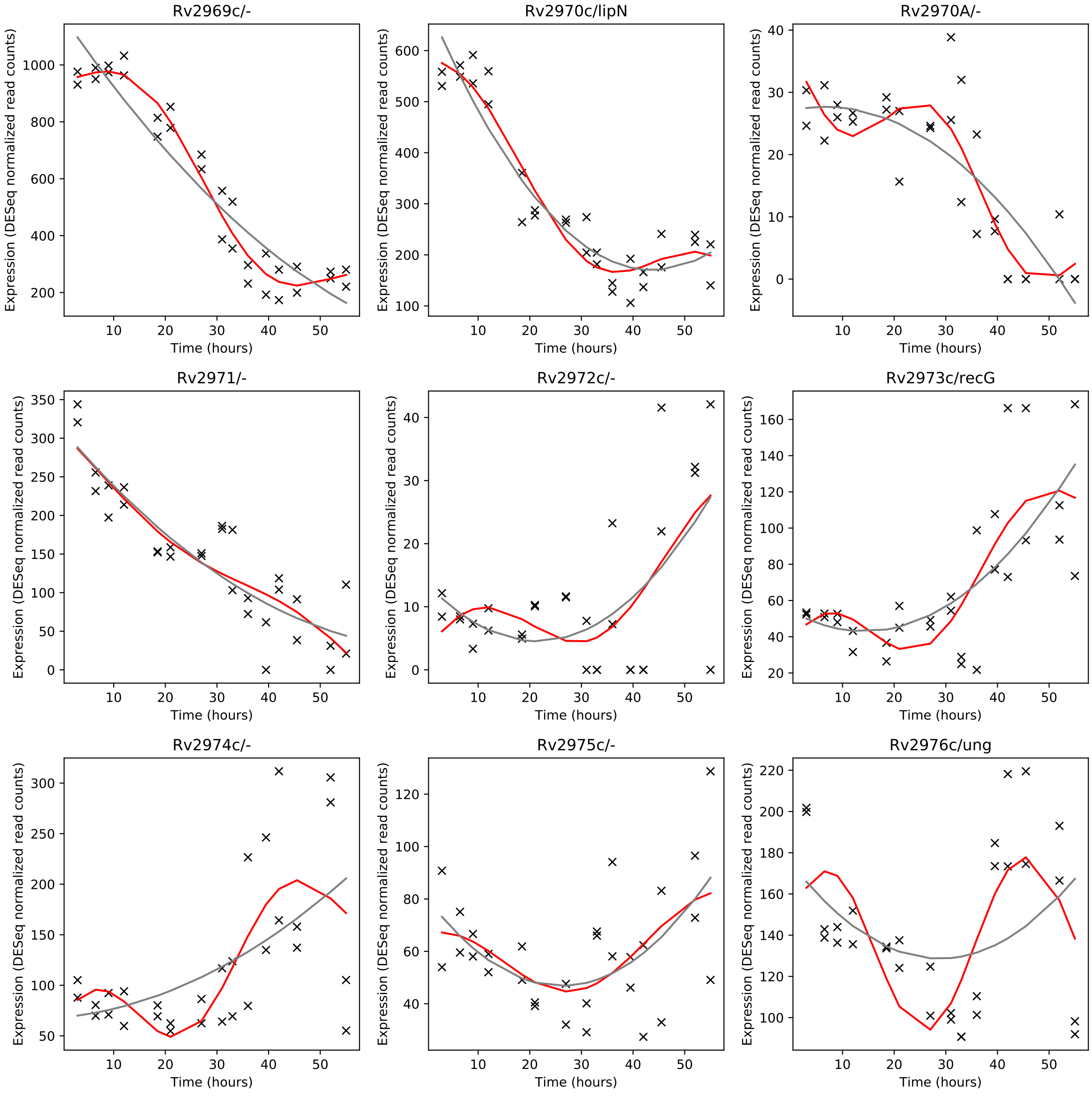

Rv2956/-
Expression (DESeq normalized read counts)
Time (hours)

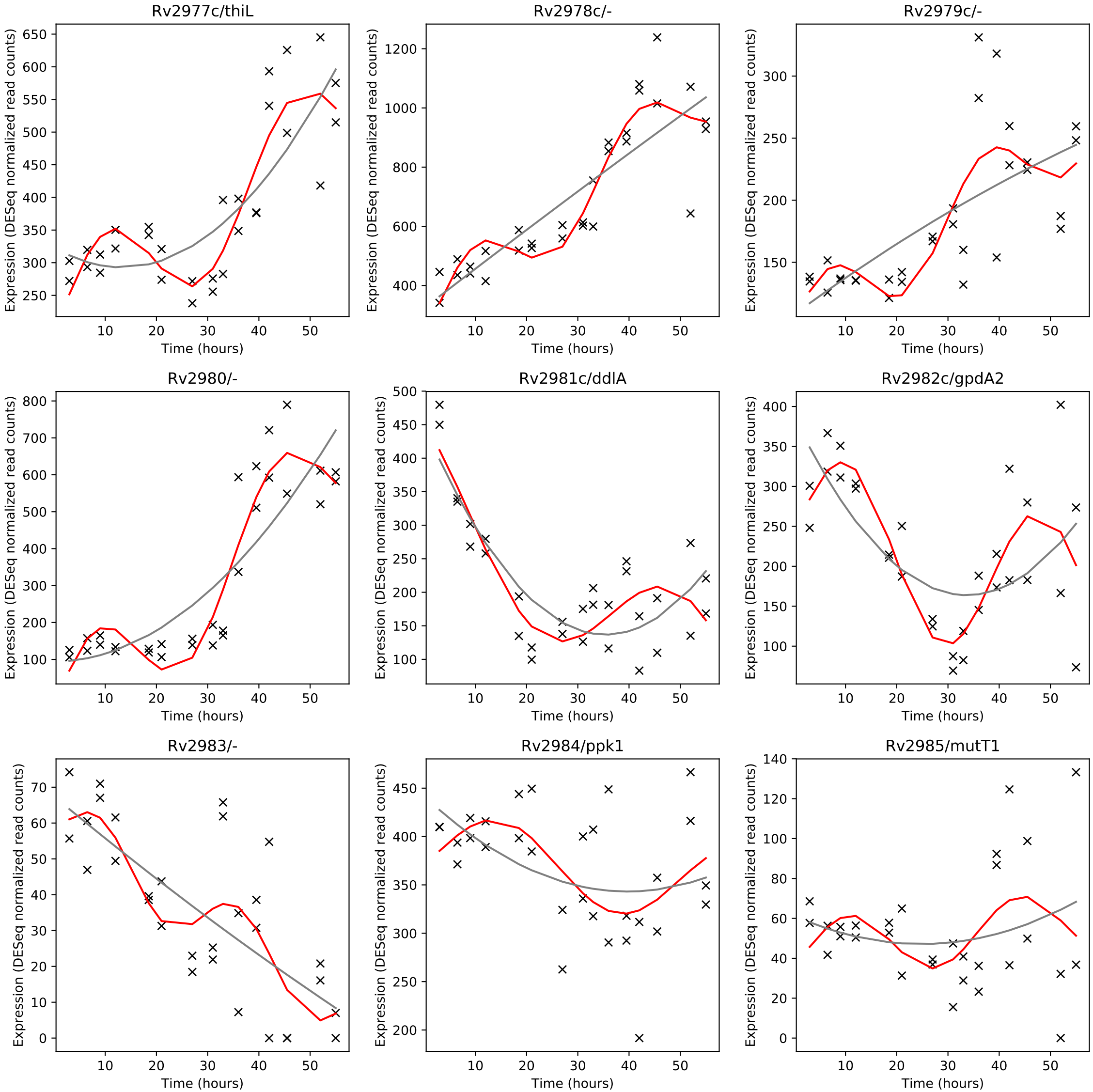

Rv2957/-
Expression (DESeq normalized read counts)
Time (hours)

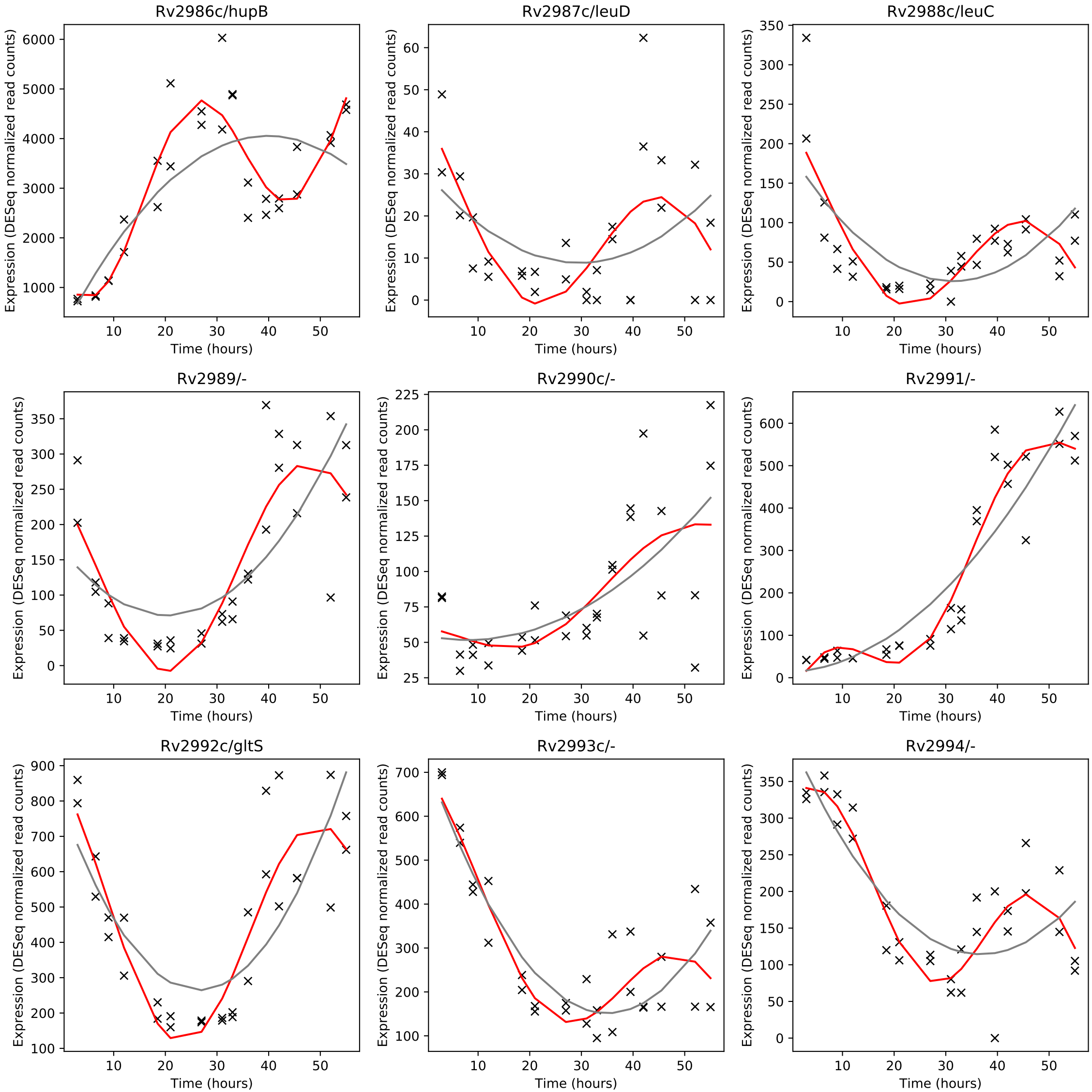

Rv2958c/-
Expression (DESeq normalized read counts)
Time (hours)

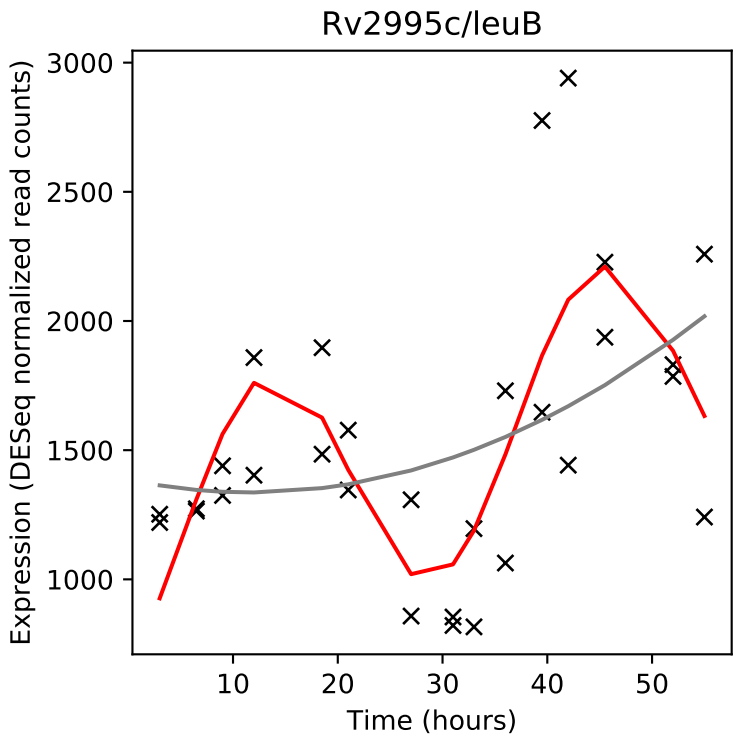

Rv2959c/-
Expression (DESeq normalized read counts)
Time (hours)

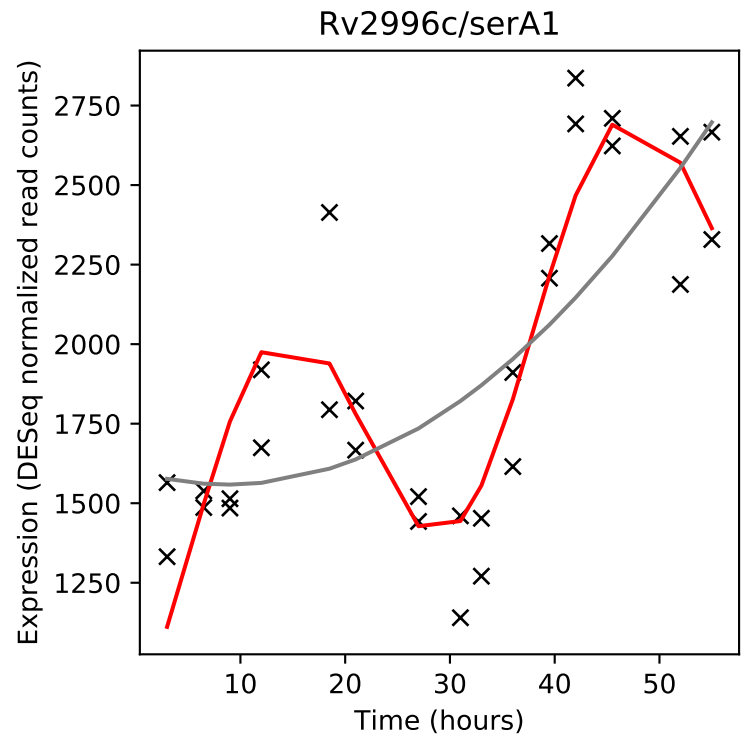

Rv2960c/-
Rv2961/-
Rv2962c/-
Rv2963/-
Rv2964/purU
Rv2965c/kdtB
Rv2966c/-
Rv2967c/pca
Rv2968c/-
Expression (DESeq normalized read counts)
Time (hours)

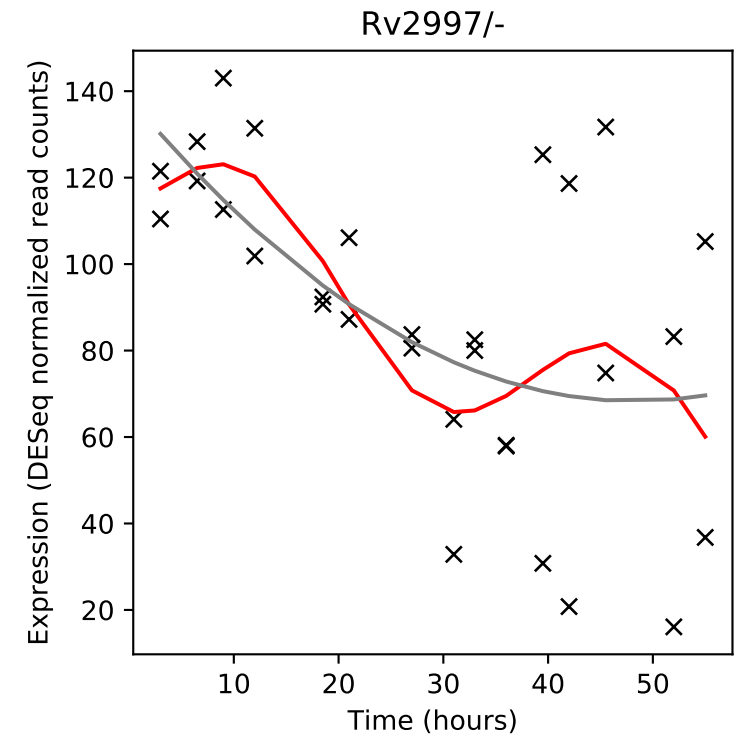

Rv2969c/-
Rv2970c/lipN
Rv2970A/-
Rv2971/-
Rv2972c/-
Rv2973c/recG
Rv2974c/-
Rv2975c/-
Rv2976c/ung
Expression (DESeq normalized read counts)
Time (hours)

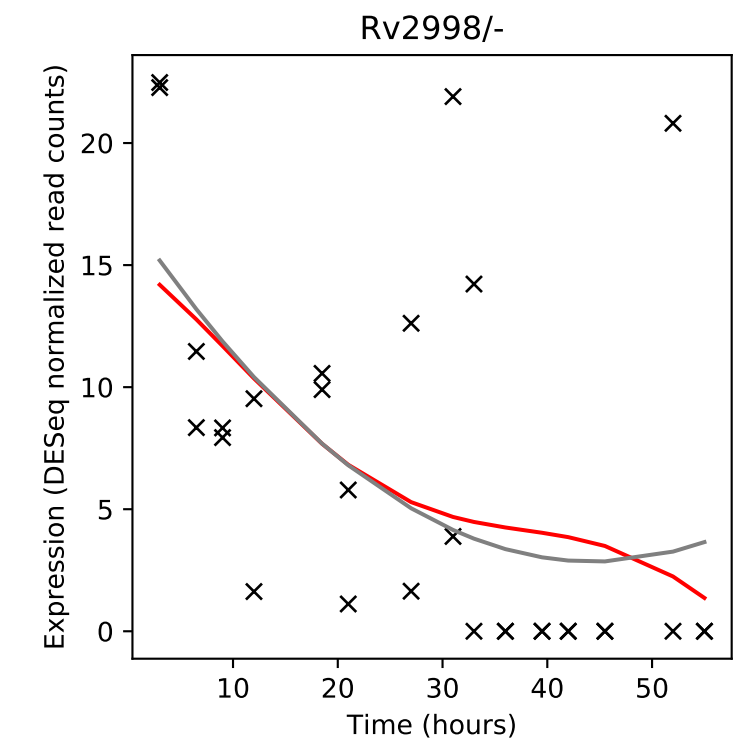

Rv2977c/thiL
Rv2978c/-
Rv2979c/-
Rv2980/-
Rv2981c/ddlA
Rv2982c/gpdA2
Rv2983/-
Rv2984/ppk1
Rv2985/mutT1
Expression (DESeq normalized read counts)
Time (hours)

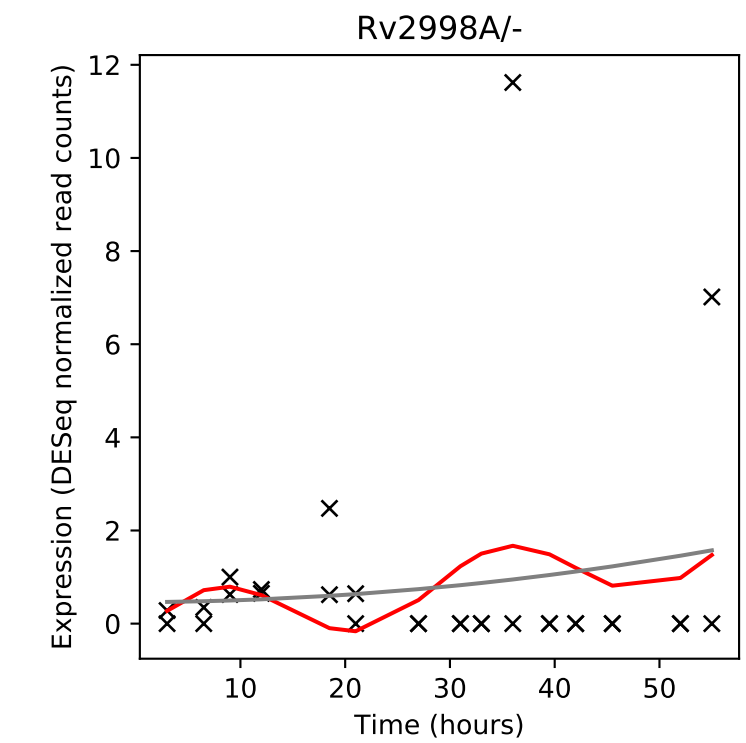

Rv2986c/hupB
Rv2987c/leuD
Rv2988c/leuC
Rv2989/-
Rv2990c/-
Rv2991/-
Rv2992c/gltS
Rv2993c/-
Rv2994/-
Expression (DESeq normalized read counts)
Time (hours)

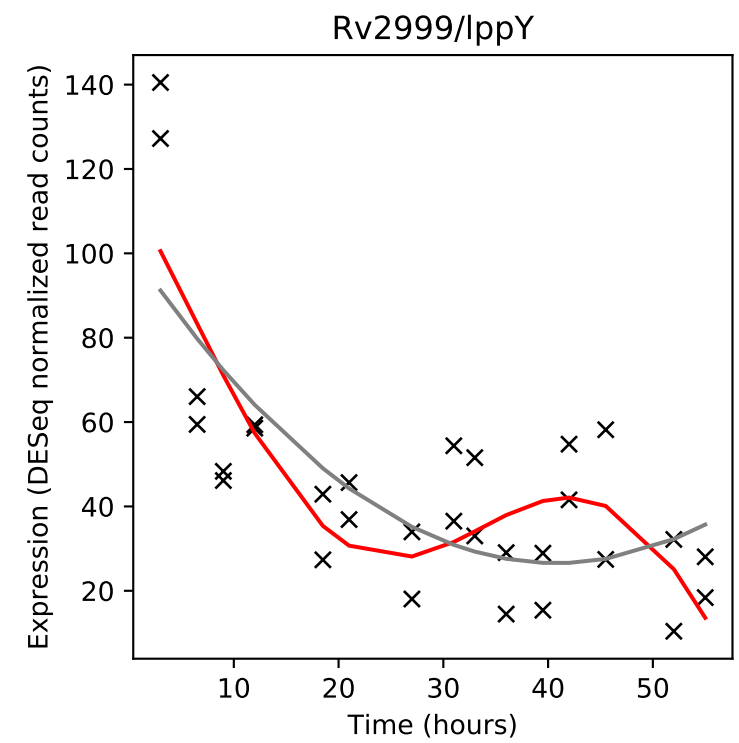

Rv2995c/leuB
Expression (DESeq normalized read counts)
Time (hours)

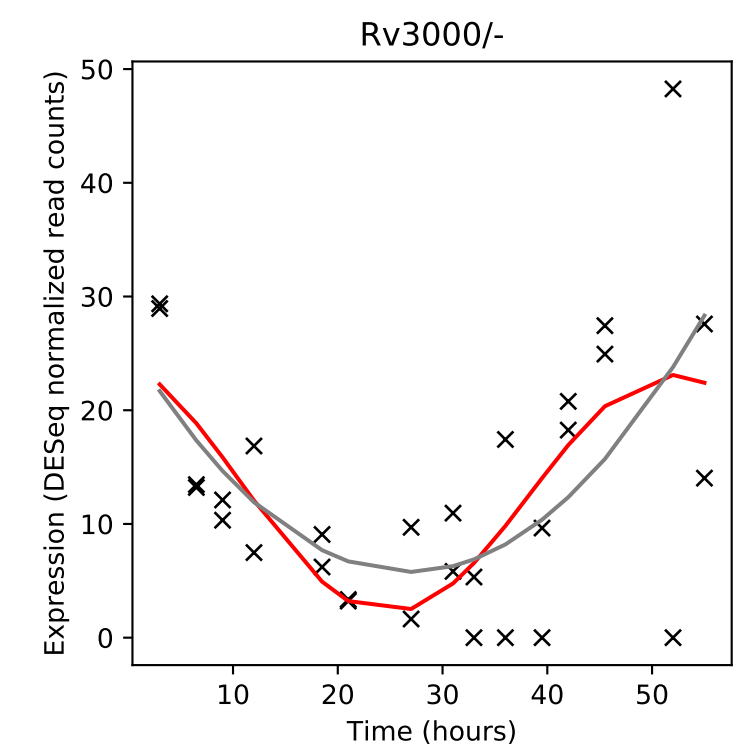

Rv2996c/serA1
Expression (DESeq normalized read counts)
Time (hours)

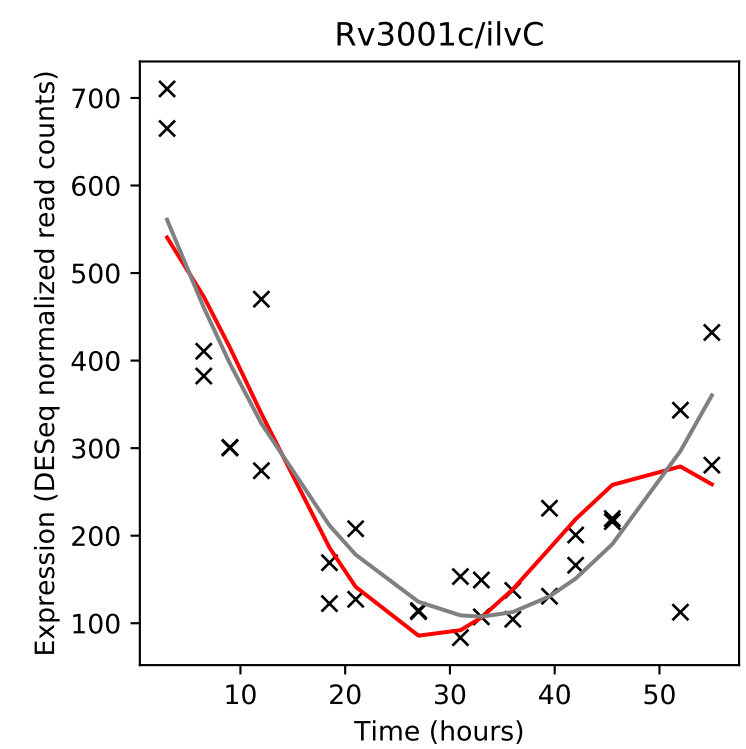

Rv2997/-
Expression (DESeq normalized read counts)
Time (hours)

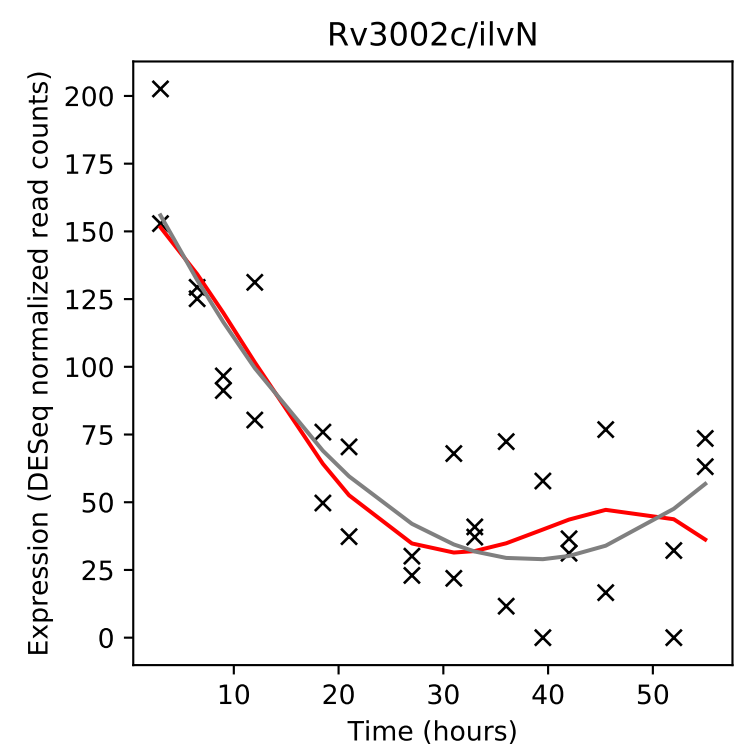

Rv2998/-
Expression (DESeq normalized read counts)
Time (hours)

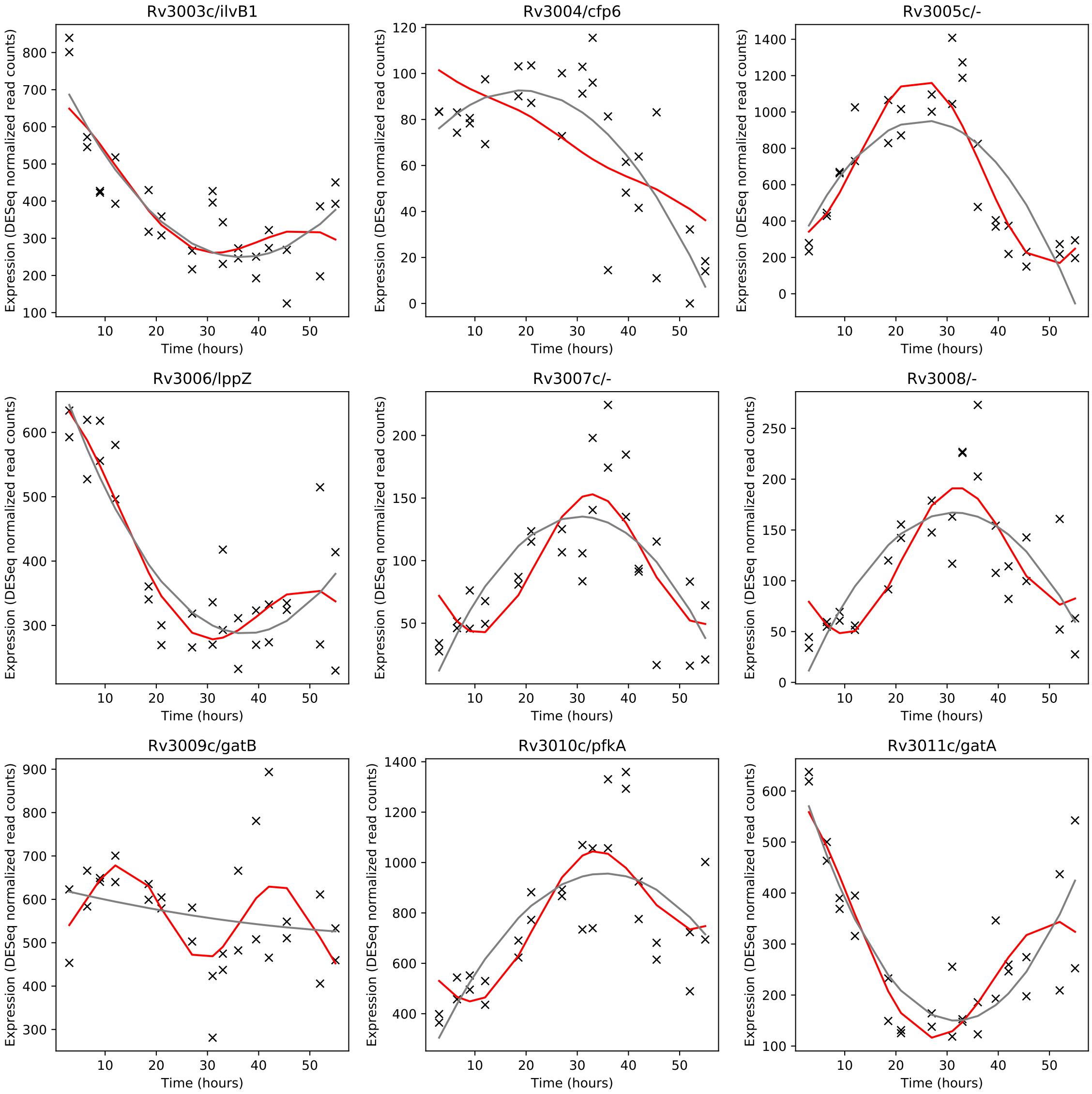

Rv2998A/-
Expression (DESeq normalized read counts)
Time (hours)

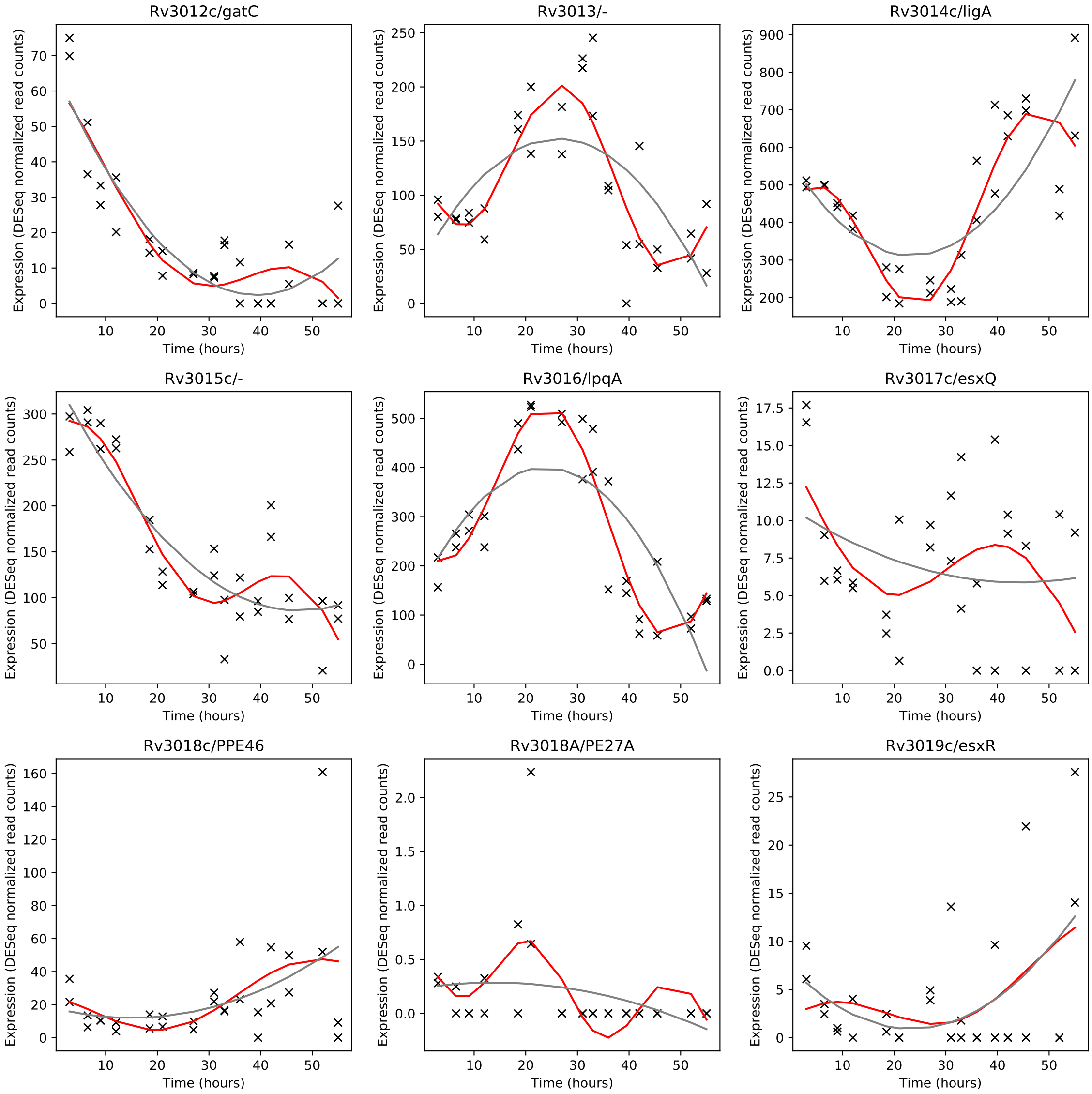

Rv2999/lppY
Expression (DESeq normalized read counts)
Time (hours)

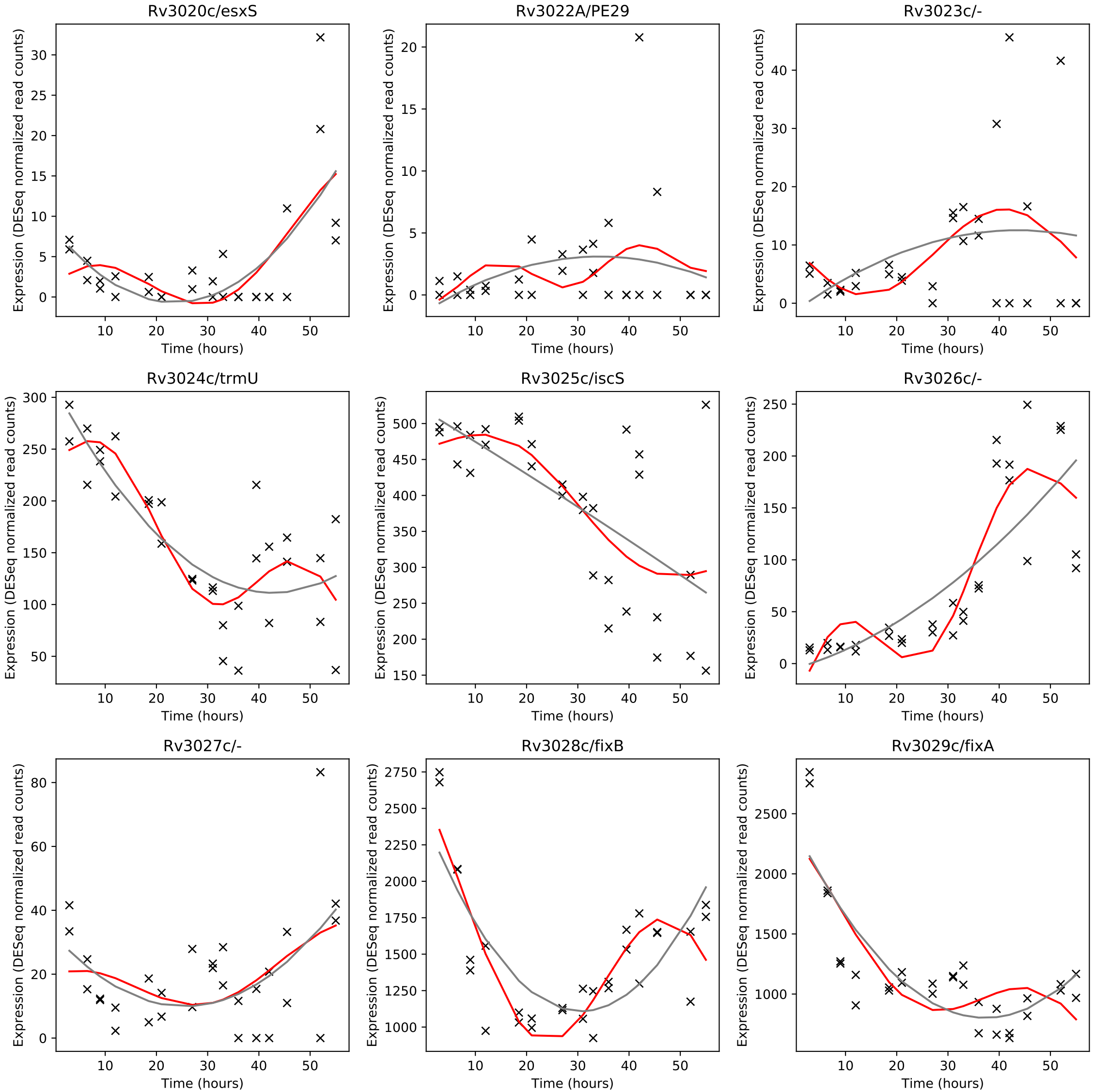

Rv3000/-
Expression (DESeq normalized read counts)
Time (hours)

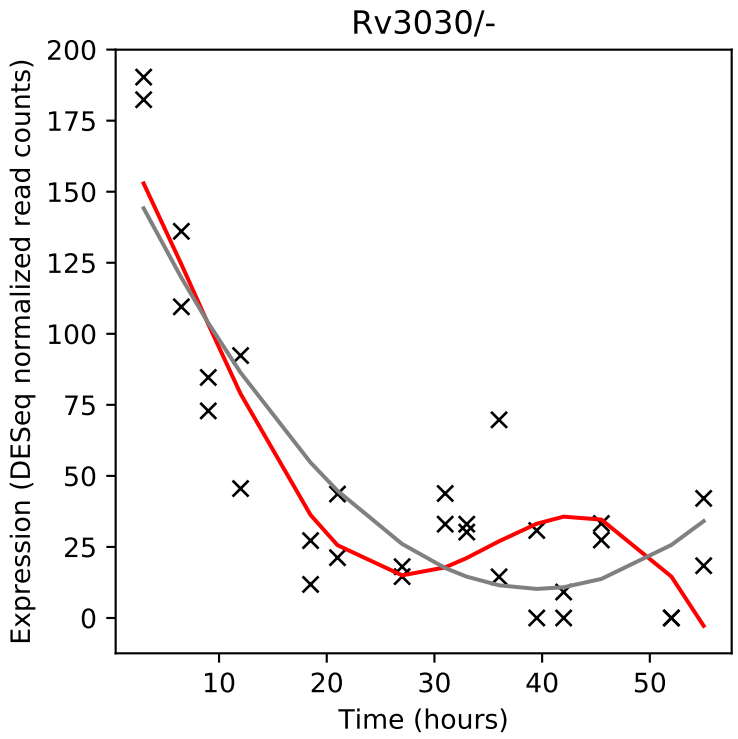

Rv3001c/ilvC
Expression (DESeq normalized read counts)
Time (hours)

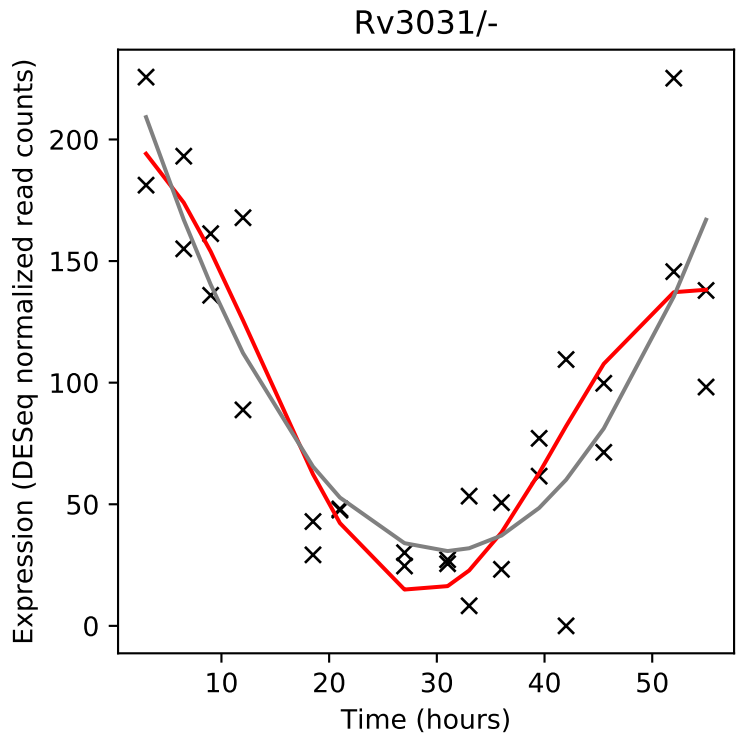

Rv3002c/ilvN
Expression (DESeq normalized read counts)
Time (hours)

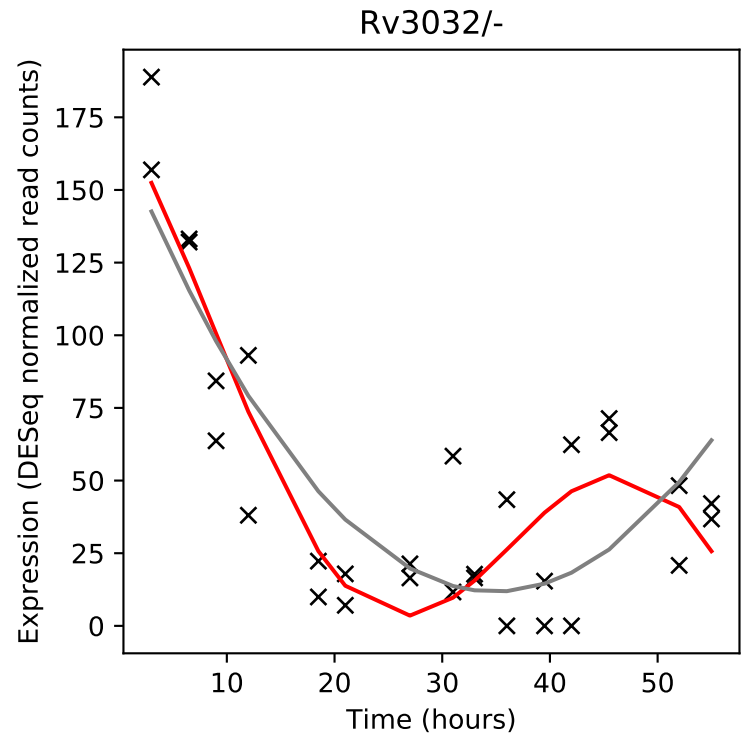

Rv3003c/ilvB1
Rv3004/cfp6
Rv3005c/-
Rv3006/lppZ
Rv3007c/-
Rv3008/-
Rv3009c/gatB
Rv3010c/pfkA
Rv3011c/gatA
Expression (DESeq normalized read counts)
Time (hours)

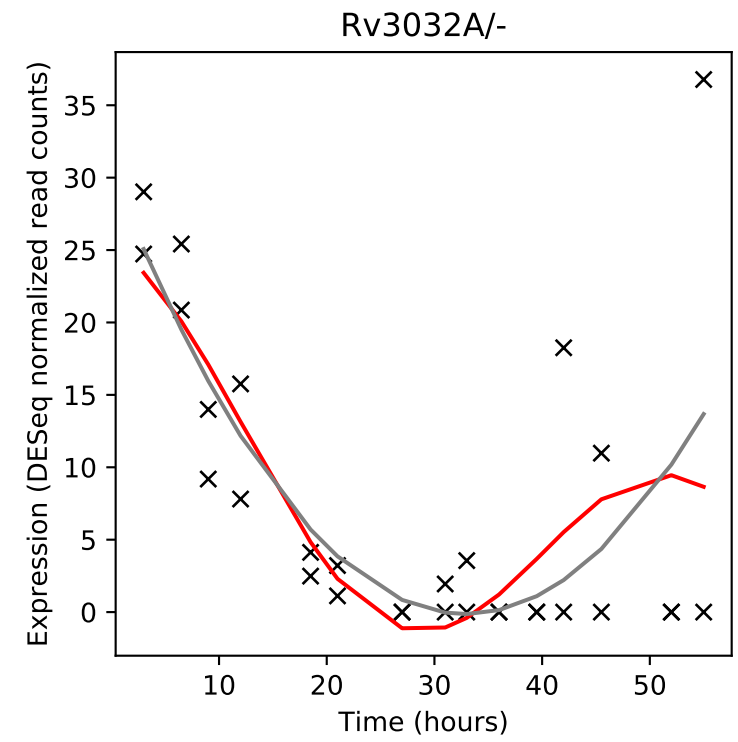

Rv3012c/gatC
Rv3013/-
Rv3014c/ligA
Rv3015c/-
Rv3016/lpqA
Rv3017c/esxQ
Rv3018c/PPE46
Rv3018A/PE27A
Rv3019c/esxR
Expression (DESeq normalized read counts)
Time (hours)

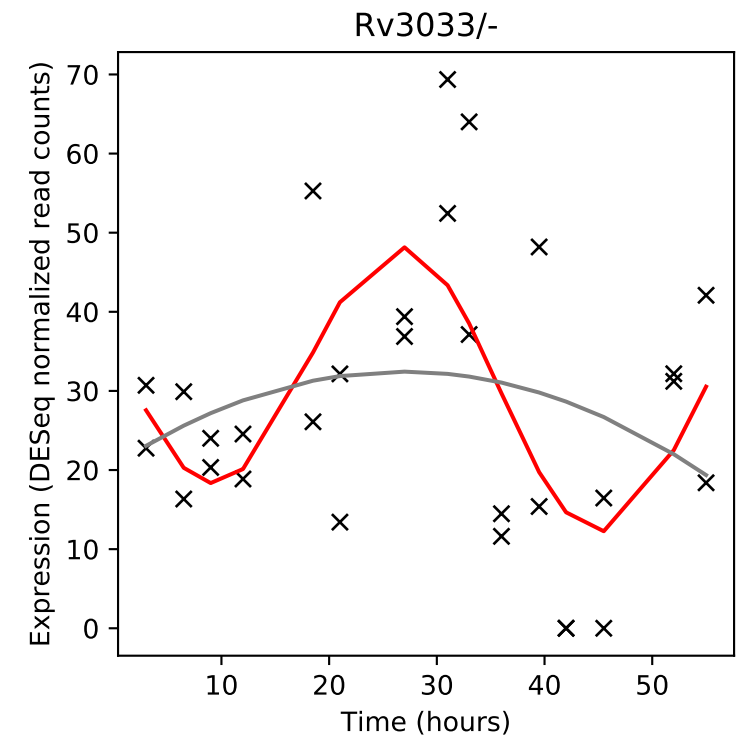

Rv3020c/esxS
Rv3022A/PE29
Rv3023c/-
Rv3024c/trmU
Rv3025c/iscS
Rv3026c/-
Rv3027c/-
Rv3028c/fixB
Rv3029c/fixA
Expression (DESeq normalized read counts)
Time (hours)

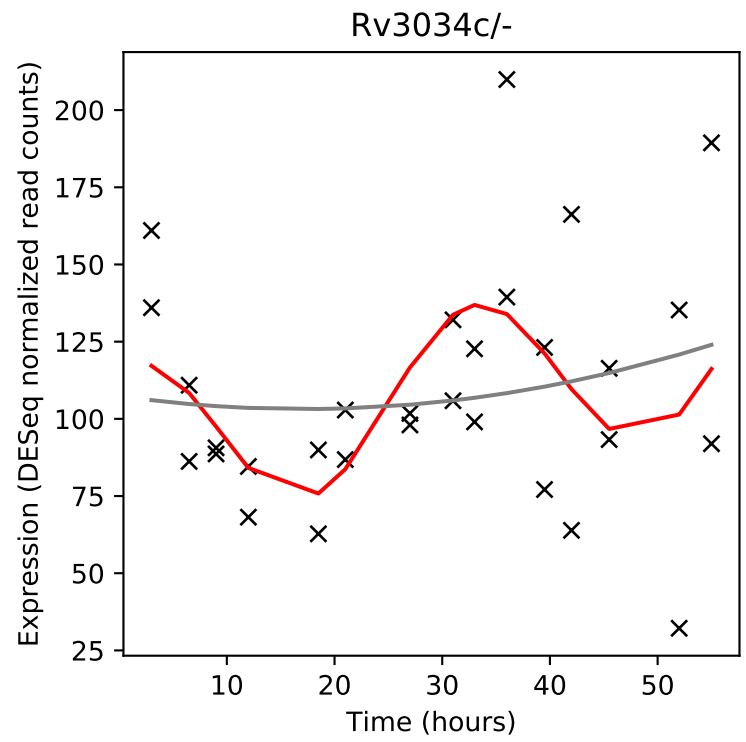

Rv3030/-
Expression (DESeq normalized read counts)
Time (hours)

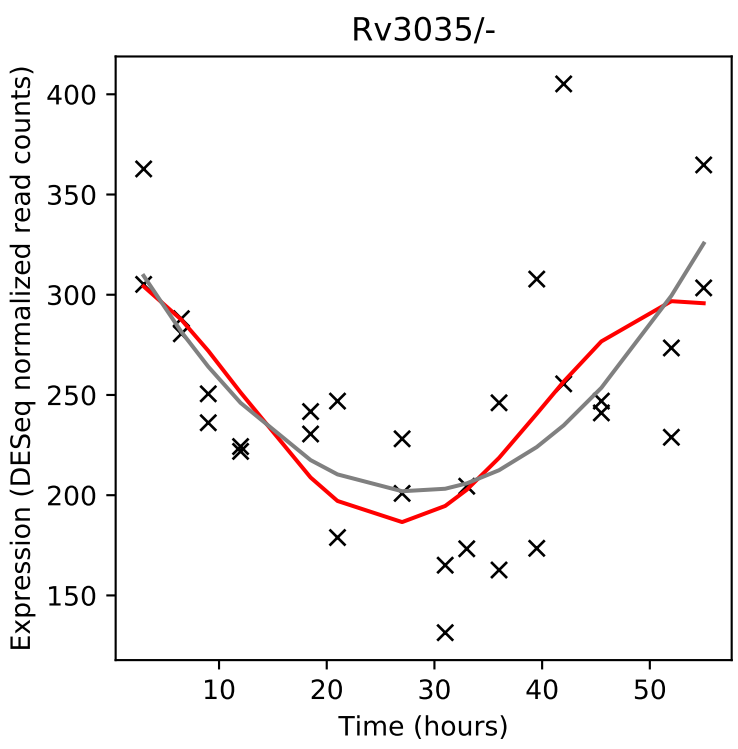

Rv3031/-
Expression (DESeq normalized read counts)
Time (hours)

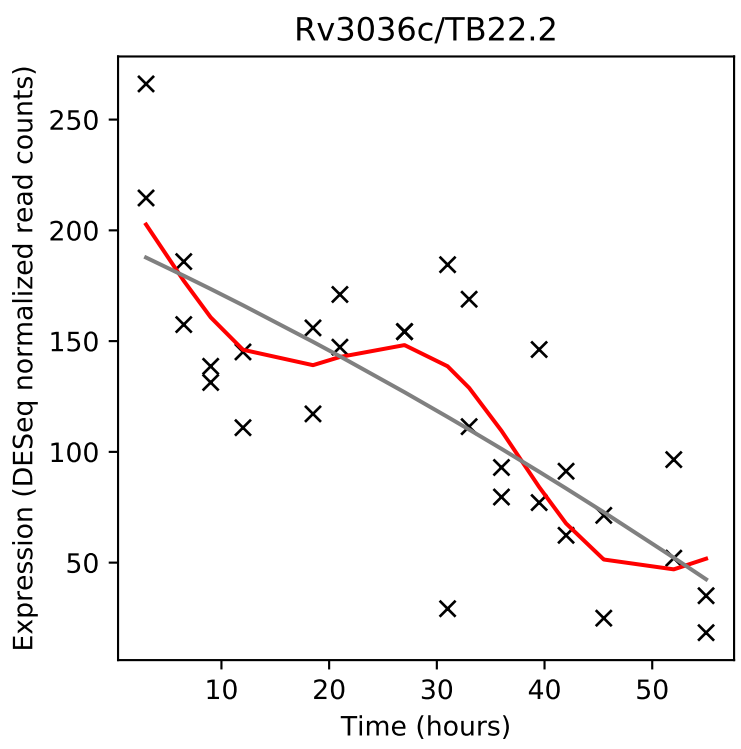

Rv3032/-
Expression (DESeq normalized read counts)
Time (hours)

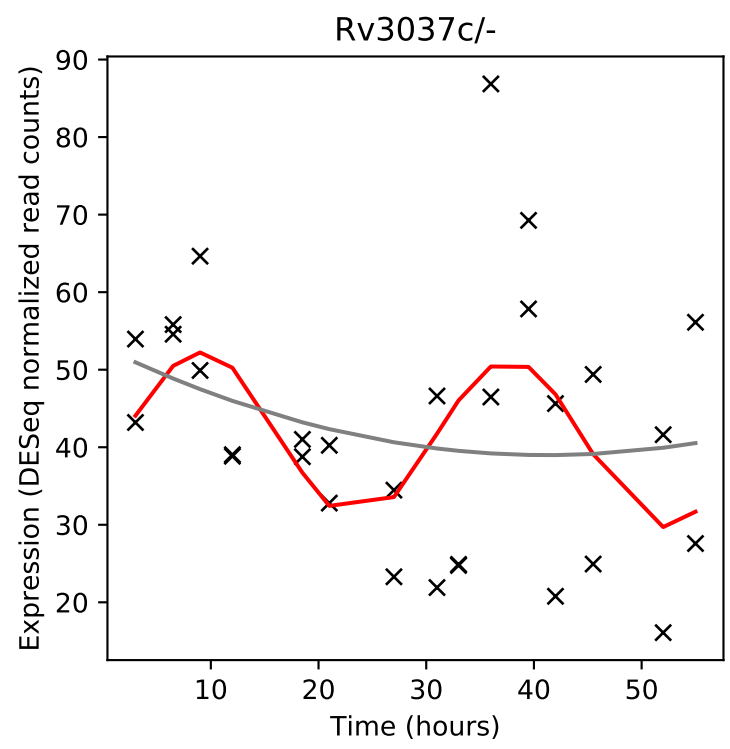

Rv3032A/-
Expression (DESeq normalized read counts)
Time (hours)

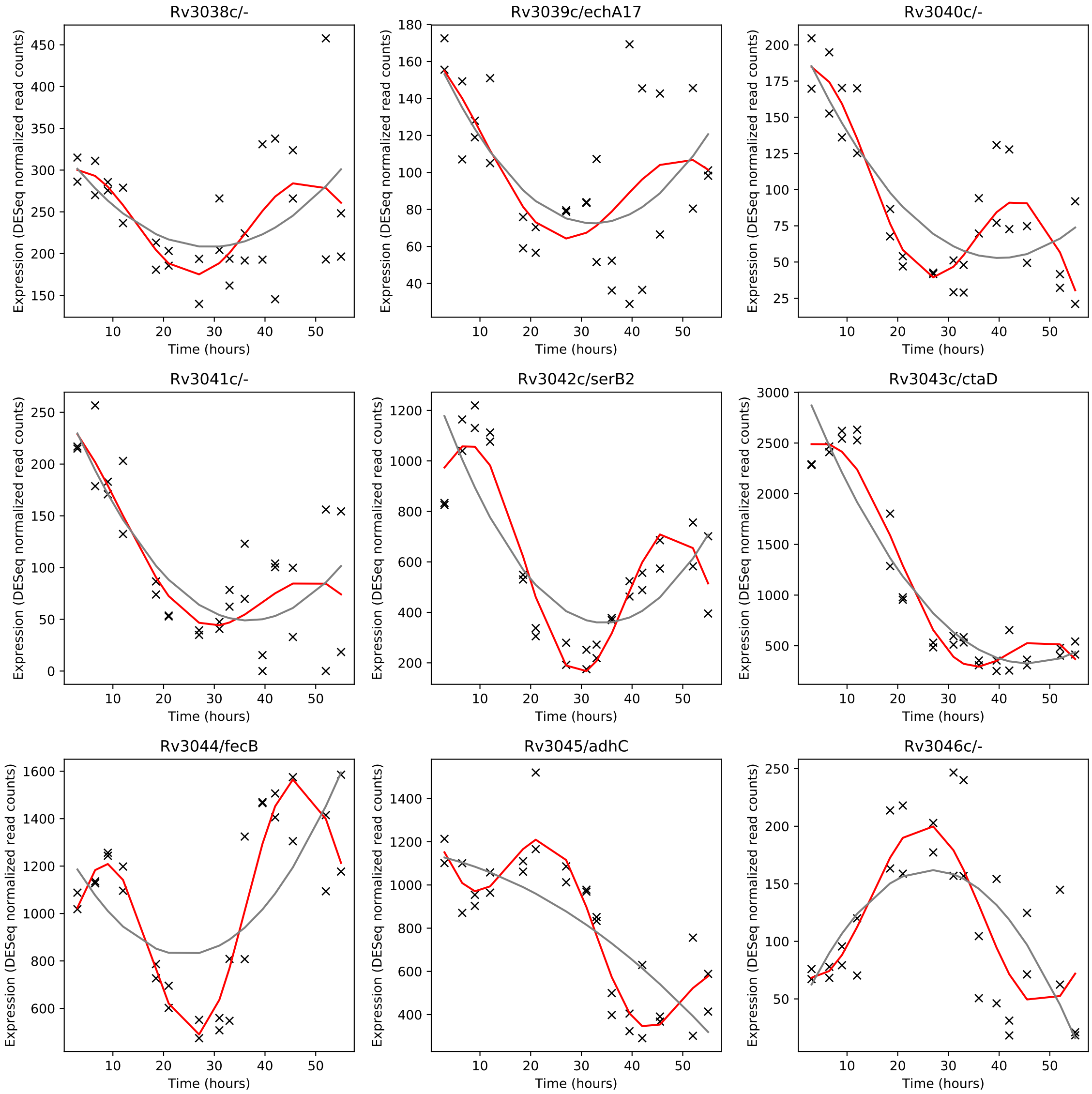

Rv3033/-
Expression (DESeq normalized read counts)
Time (hours)

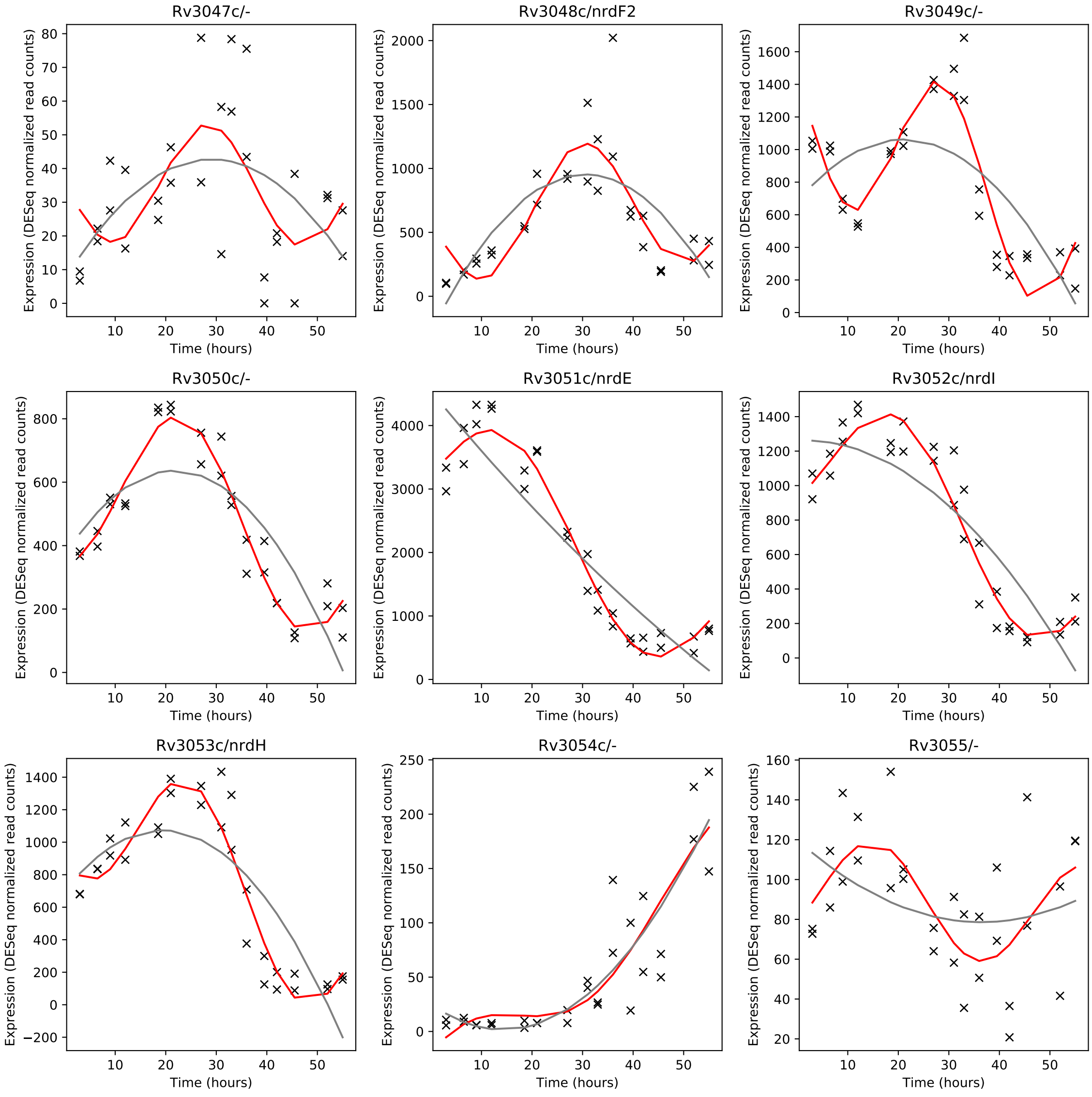

Rv3034c/-
Expression (DESeq normalized read counts)
Time (hours)

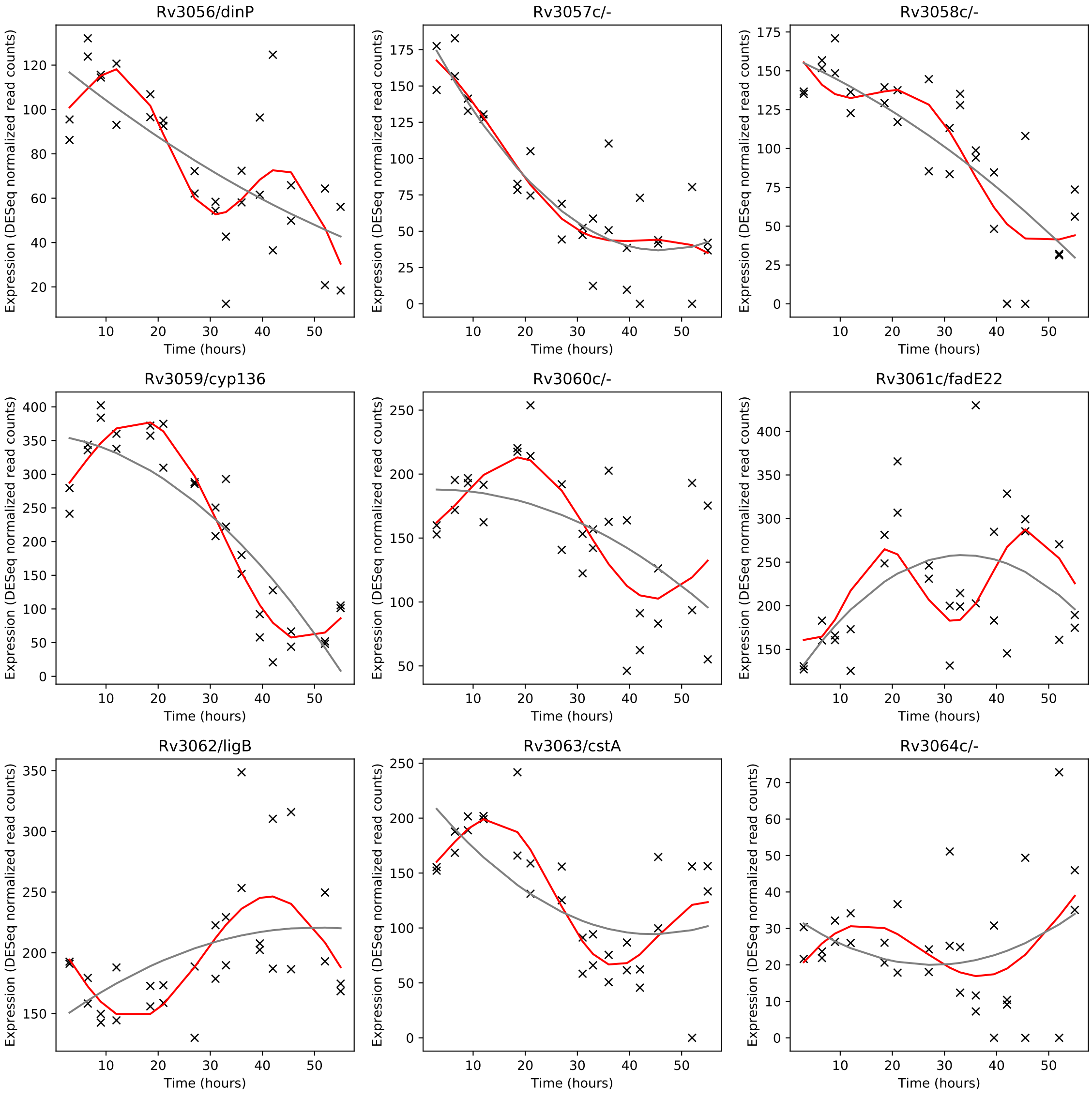

Rv3035/-
Expression (DESeq normalized read counts)
Time (hours)

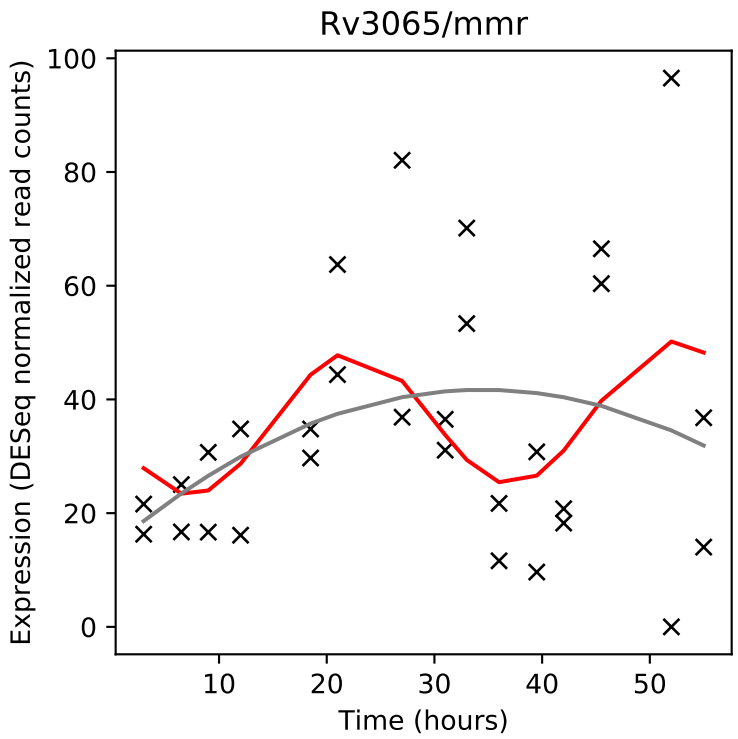

Rv3036c/TB22.2
Expression (DESeq normalized read counts)
Time (hours)

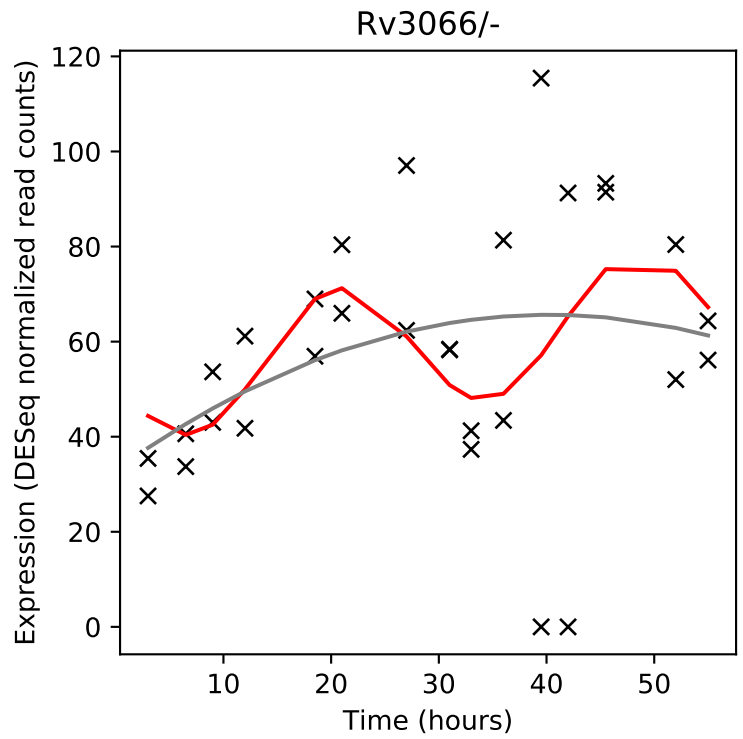

Rv3037c/-
Expression (DESeq normalized read counts)
Time (hours)

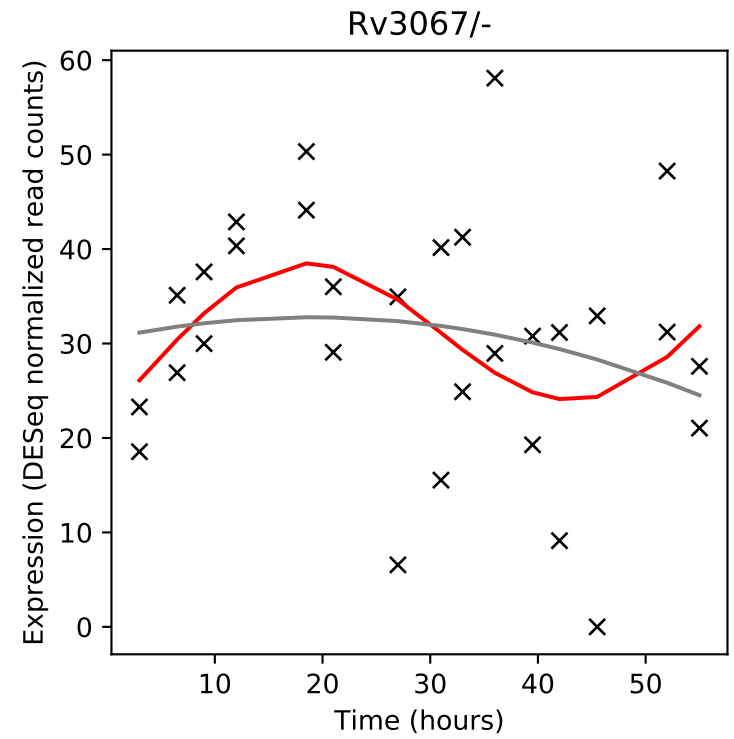

Rv3038c/-
Rv3039c/echA17
Rv3040c/-
Rv3041c/-
Rv3042c/serB2
Rv3043c/ctaD
Rv3044/fecB
Rv3045/adhC
Rv3046c/-
Expression (DESeq normalized read counts)
Time (hours)

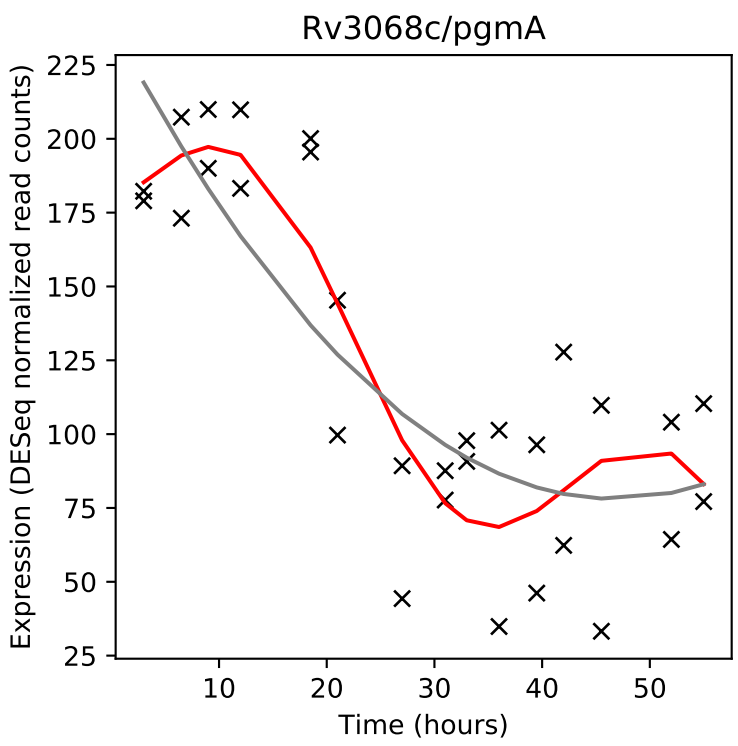

Rv3047c/-
Rv3048c/nrdF2
Rv3049c/-
Rv3050c/-
Rv3051c/nrdE
Rv3052c/nrdI
Rv3053c/nrdH
Rv3054c/-
Rv3055/-
Expression (DESeq normalized read counts)
Time (hours)

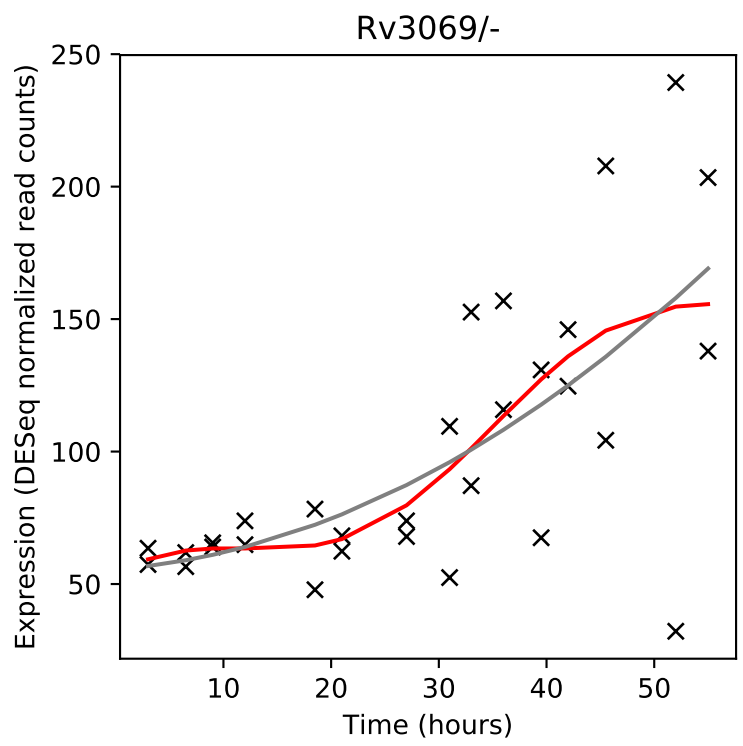

Rv3056/dinP
Rv3057c/-
Rv3058c/-
Rv3059/cyp136
Rv3060c/-
Rv3061c/fadE22
Rv3062/ligB
Rv3063/cstA
Rv3064c/-
Expression (DESeq normalized read counts)
Time (hours)

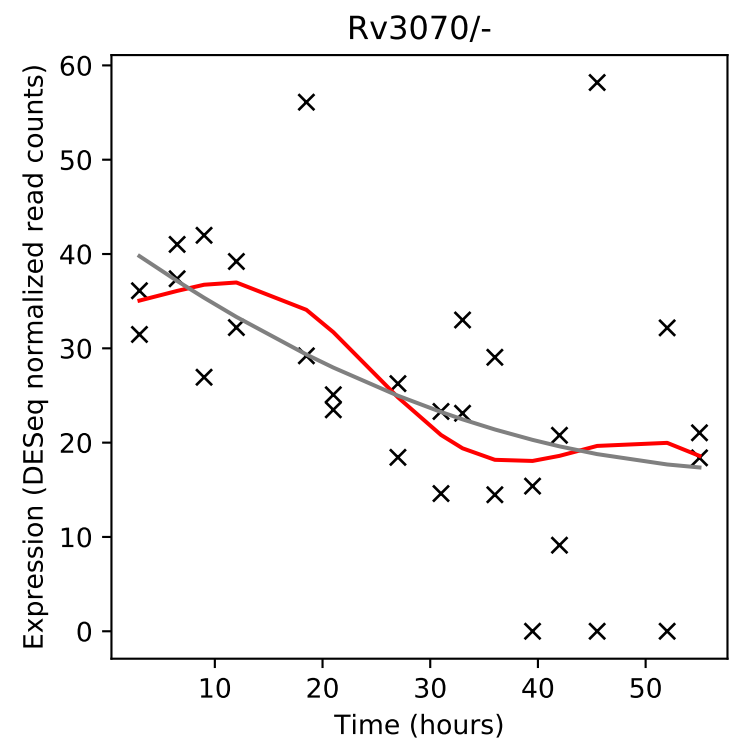

Rv3065/mmr
Expression (DESeq normalized read counts)
Time (hours)

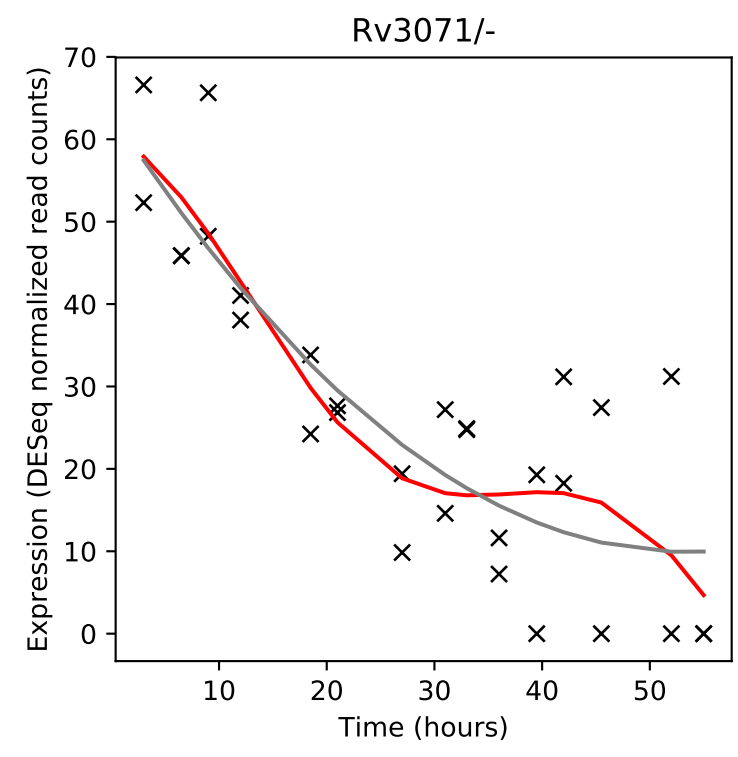

Rv3066/-
Expression (DESeq normalized read counts)
Time (hours)

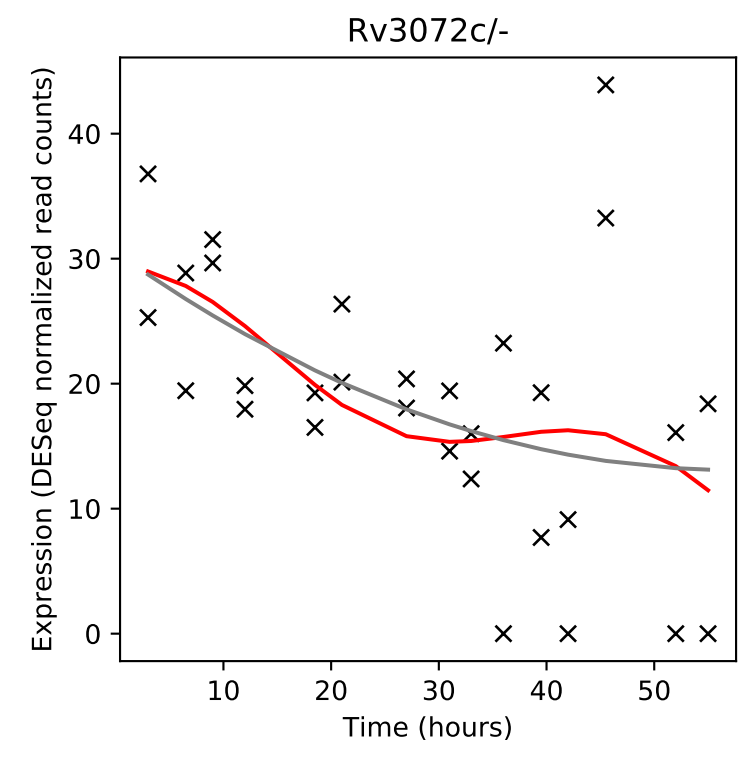

Rv3067/-
Expression (DESeq normalized read counts)
Time (hours)

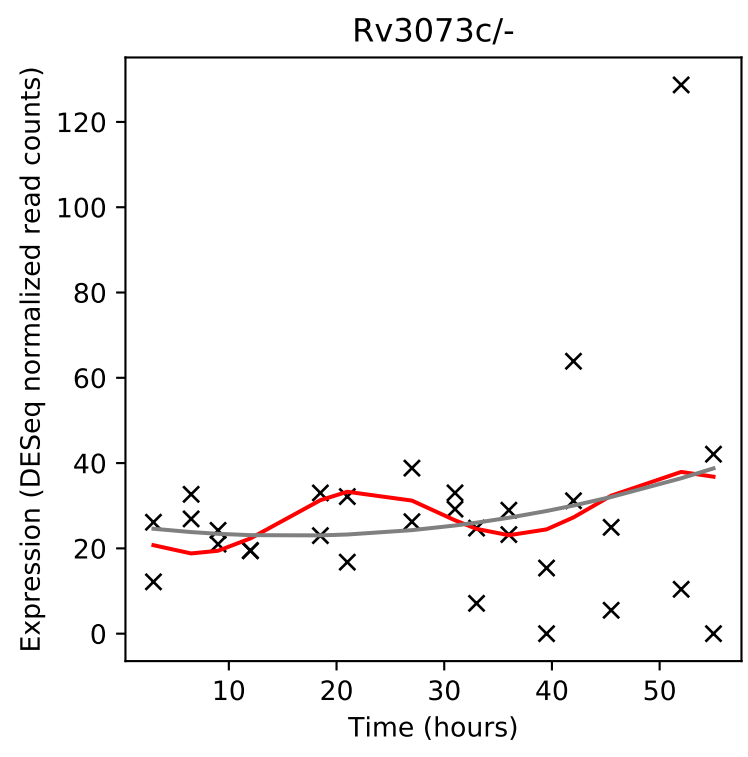

Rv3068c/pgmA
Expression (DESeq normalized read counts)
Time (hours)

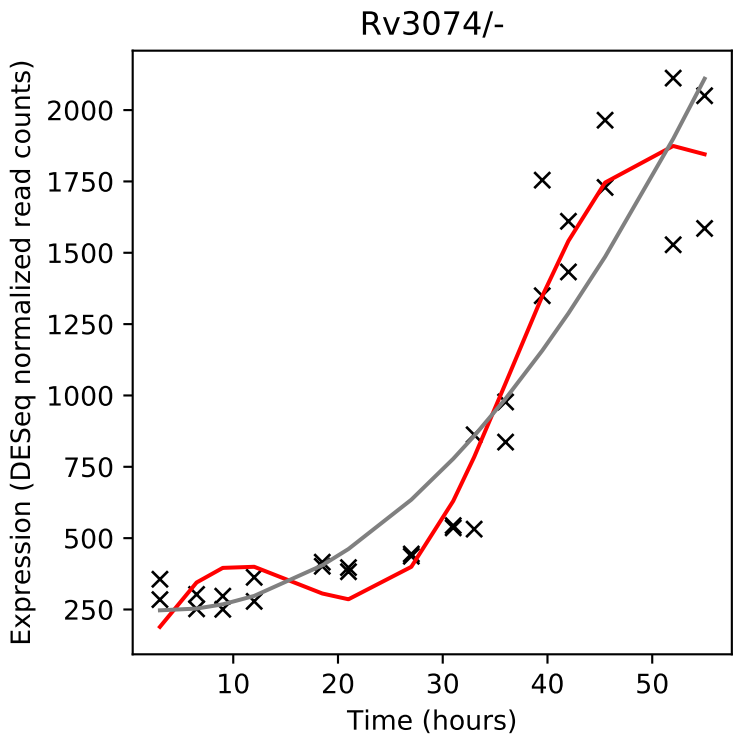

Rv3069/-
Expression (DESeq normalized read counts)
Time (hours)

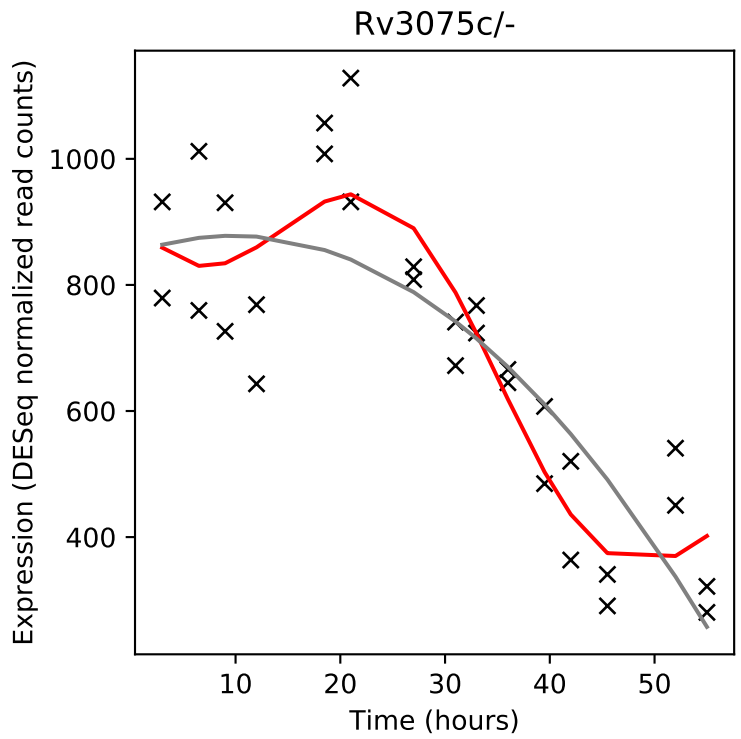

Rv3070/-
Expression (DESeq normalized read counts)
Time (hours)

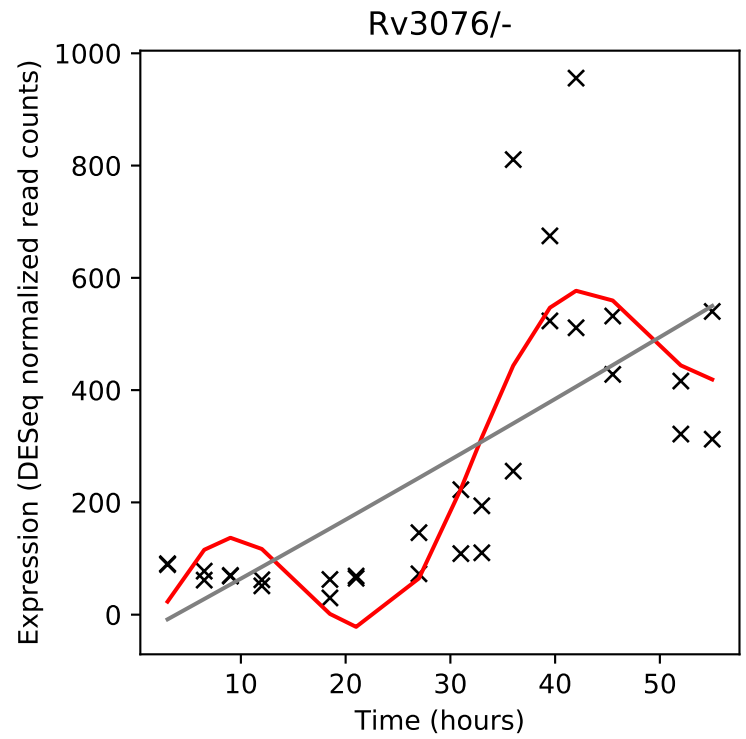

Rv3071/-
Expression (DESeq normalized read counts)
Time (hours)

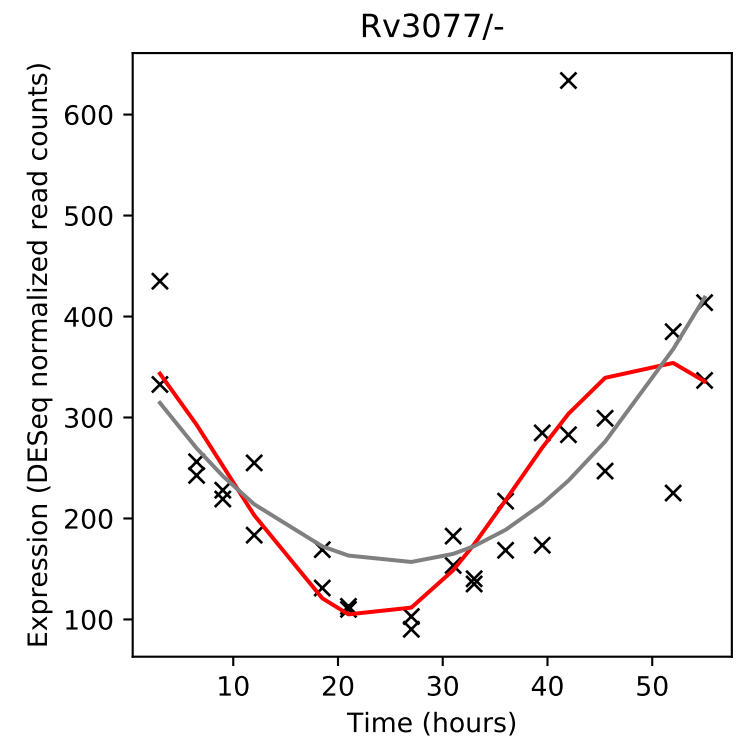

Rv3072c/-
Expression (DESeq normalized read counts)
Time (hours)

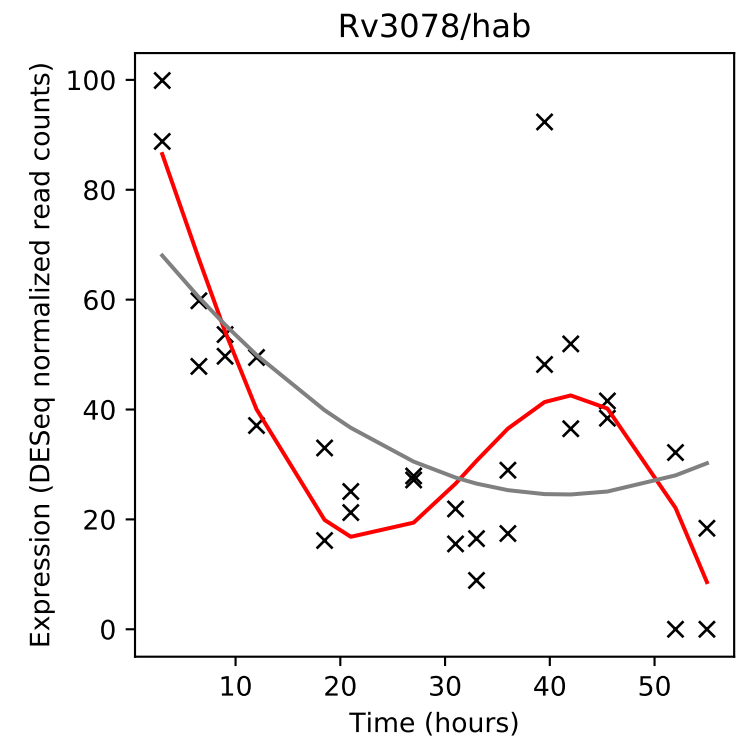

Rv3073c/-
Expression (DESeq normalized read counts)
Time (hours)

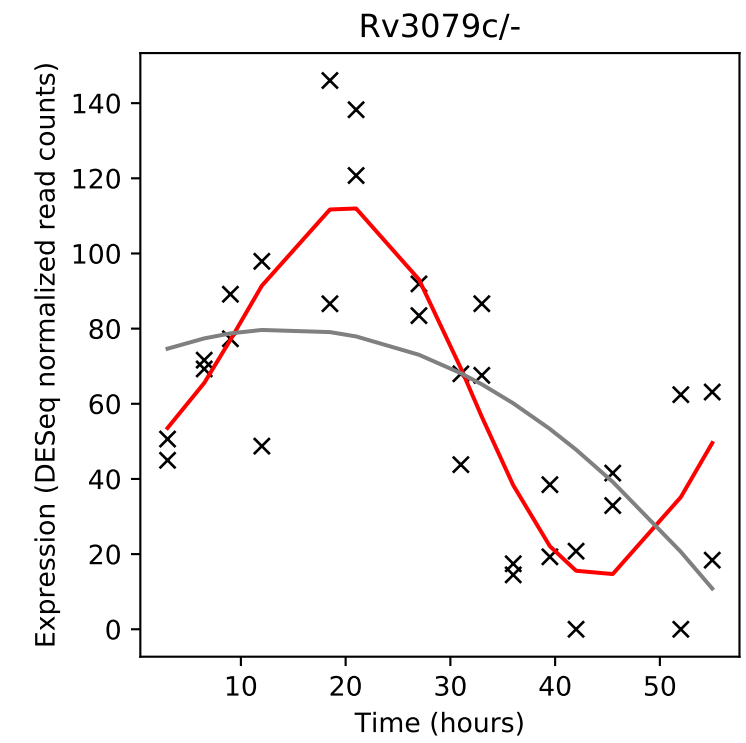

Rv3074/-
Expression (DESeq normalized read counts)
Time (hours)

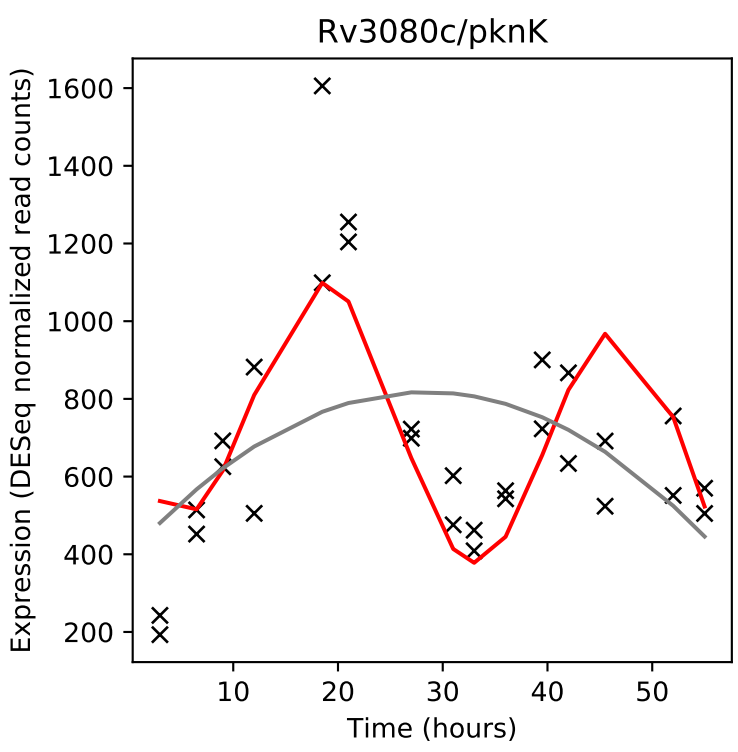

Rv3075c/-
Expression (DESeq normalized read counts)
Time (hours)

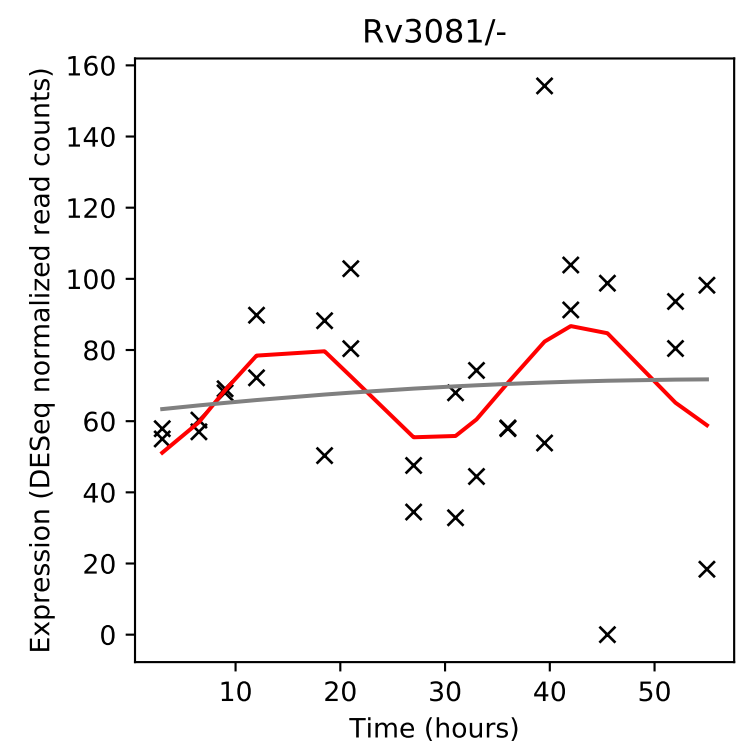

Rv3076/-
Expression (DESeq normalized read counts)
Time (hours)

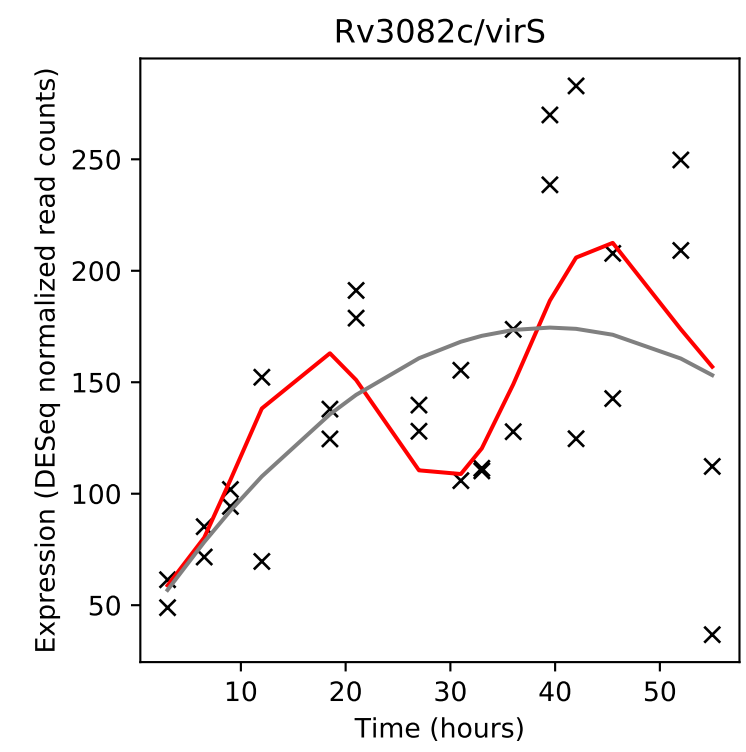

Rv3077/-
Expression (DESeq normalized read counts)
Time (hours)

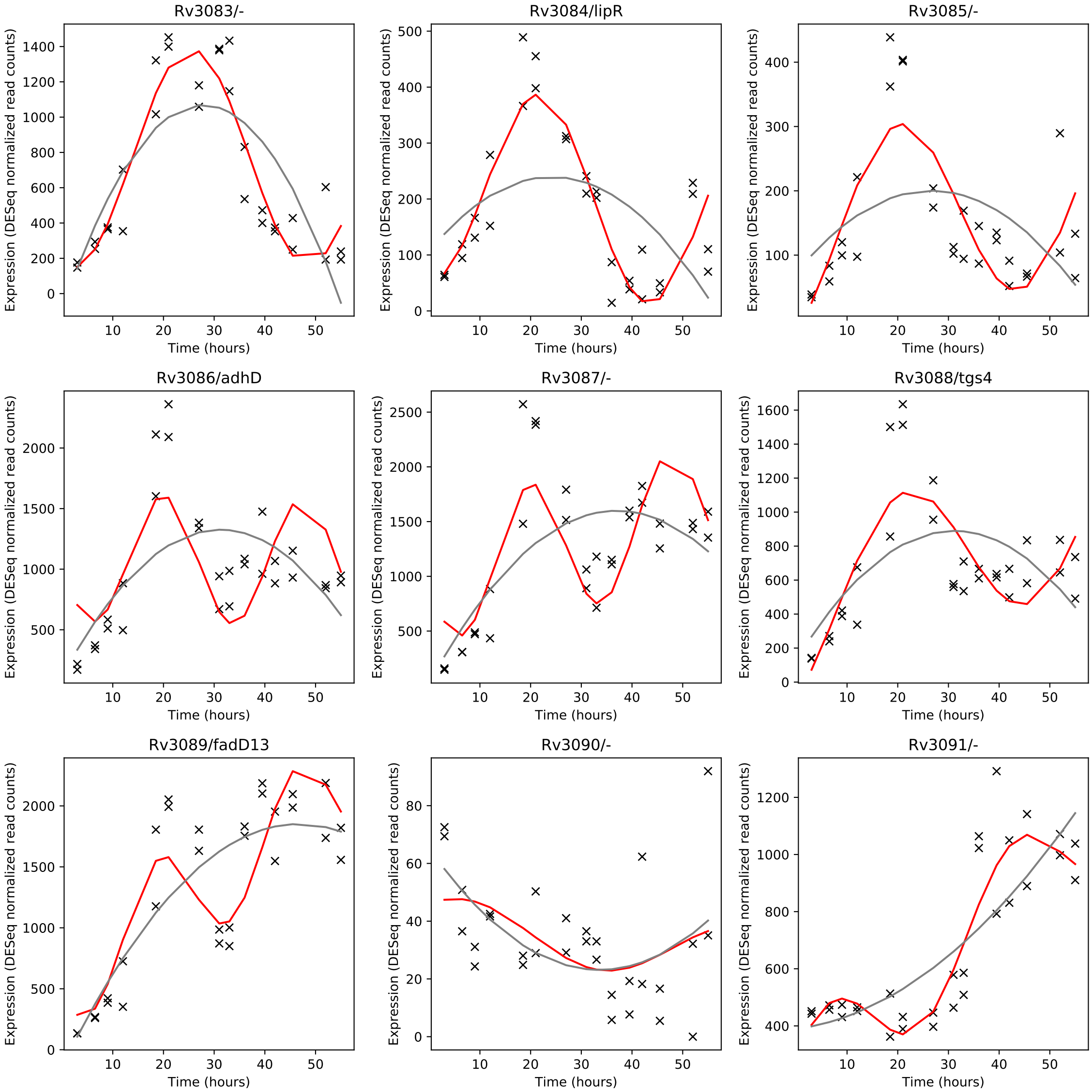

Rv3078/hab
Expression (DESeq normalized read counts)
Time (hours)

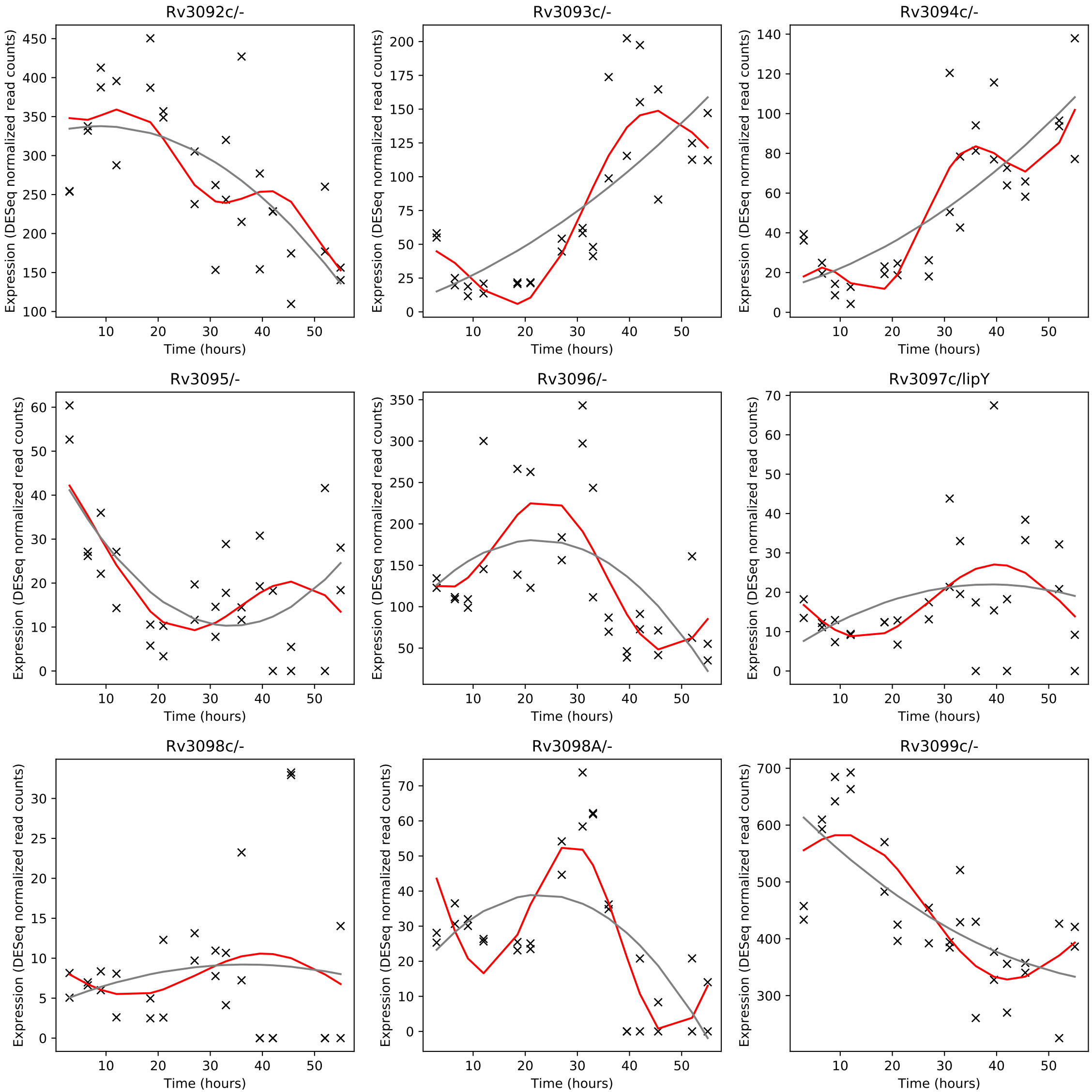

Rv3079c/-
Expression (DESeq normalized read counts)
Time (hours)

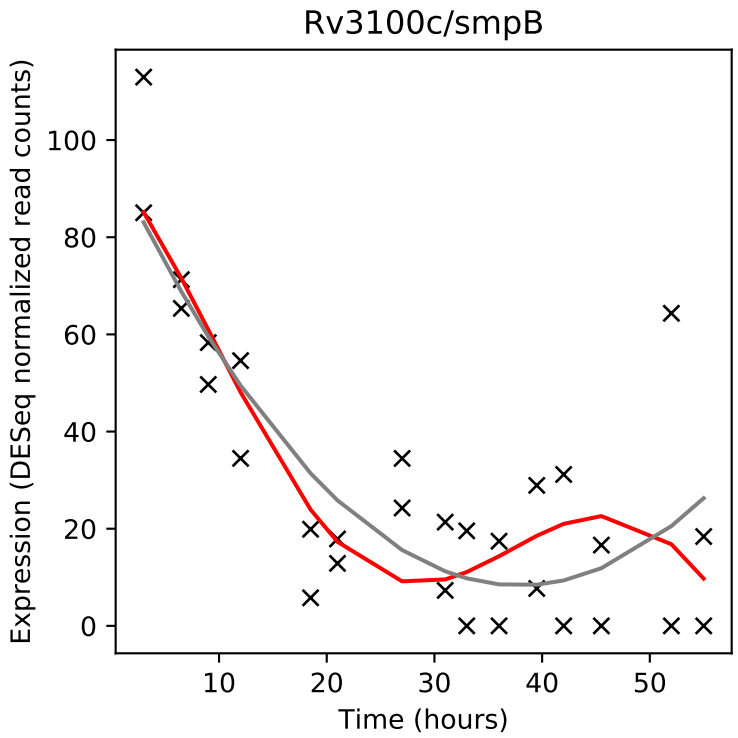

Rv3080c/pknK
Expression (DESeq normalized read counts)
Time (hours)

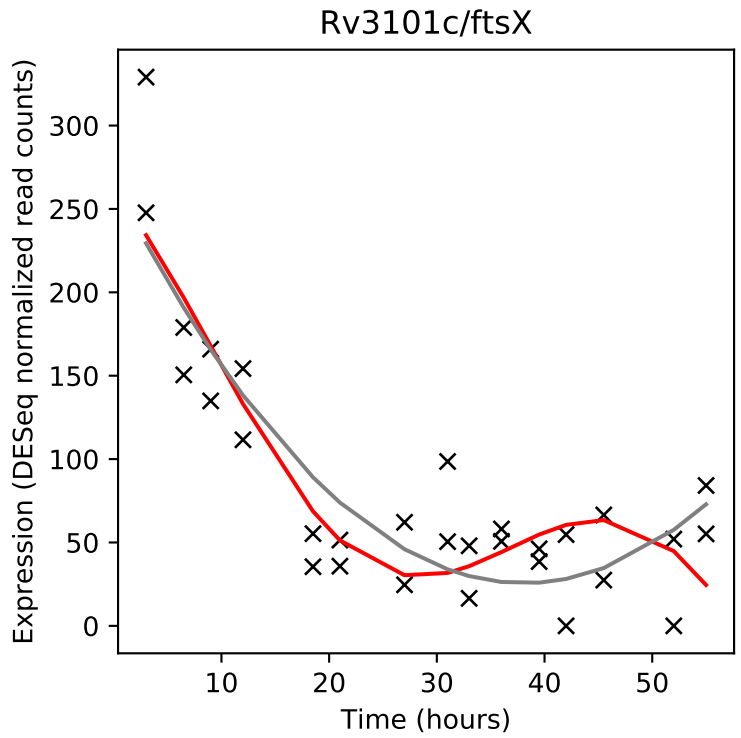

Rv3081/-
Expression (DESeq normalized read counts)
Time (hours)

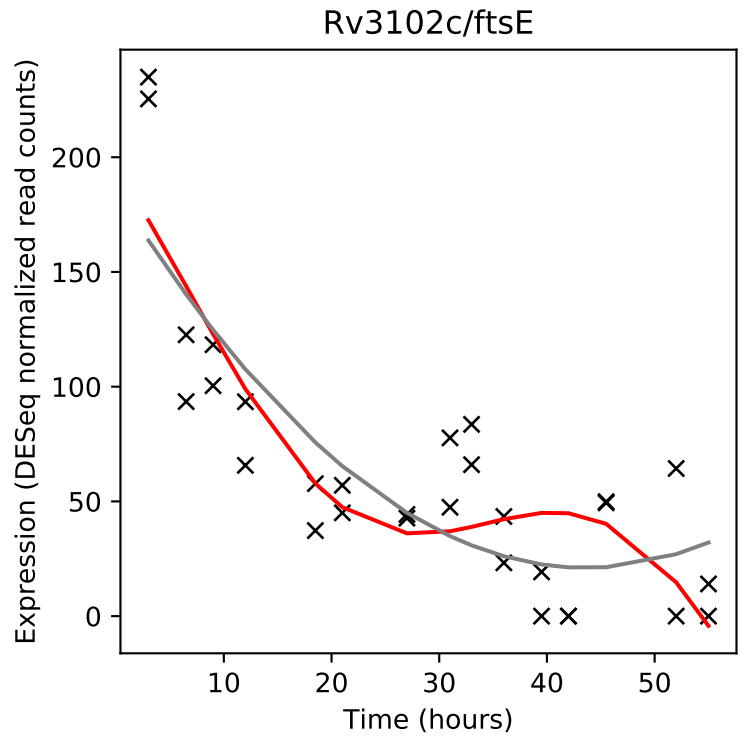

Rv3082c/virS
Expression (DESeq normalized read counts)
Time (hours)

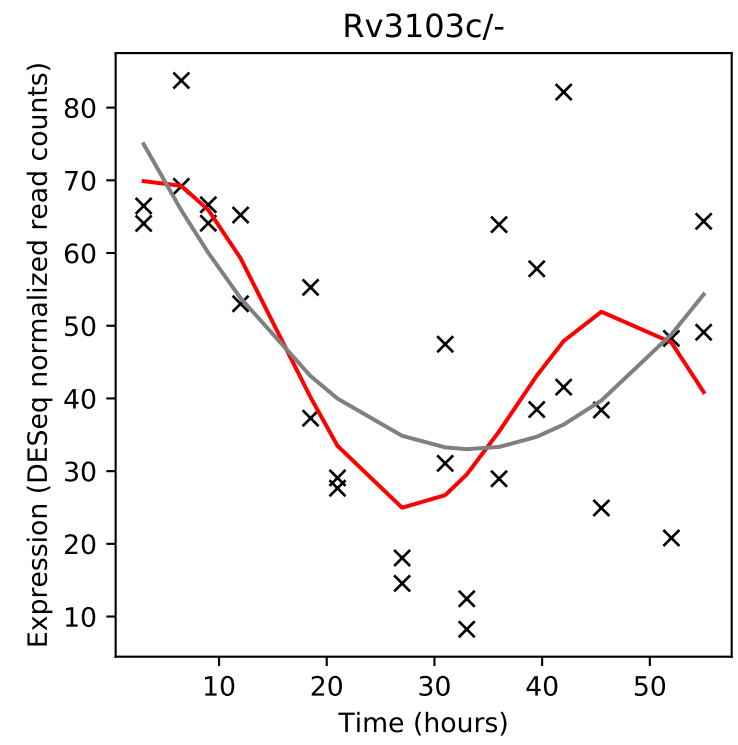

Rv3083/-
Rv3084/lipR
Rv3085/-
Rv3086/adhD
Rv3087/-
Rv3088/tgs4
Rv3089/fadD13
Rv3090/-
Rv3091/-
Expression (DESeq normalized read counts)
Time (hours)

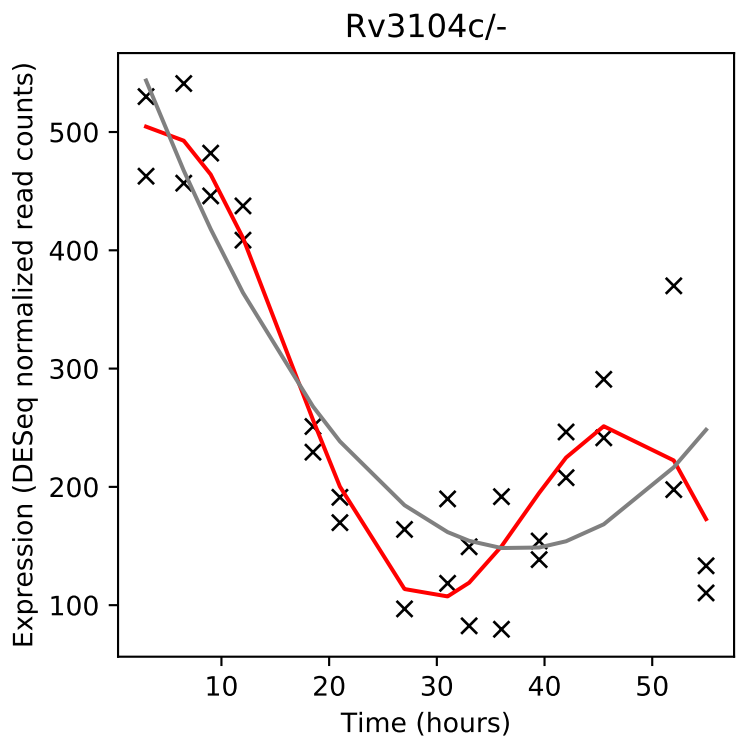

Rv3092c/-
Rv3093c/-
Rv3094c/-
Rv3095/-
Rv3096/-
Rv3097c/lipY
Rv3098c/-
Rv3098A/-
Rv3099c/-
Expression (DESeq normalized read counts)
Time (hours)

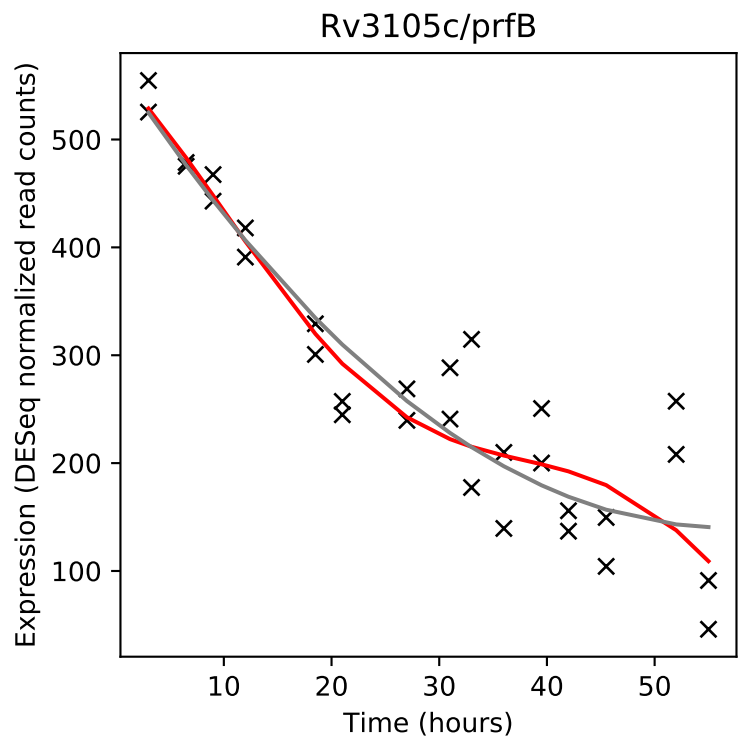

Rv3100c/smpB
Expression (DESeq normalized read counts)
Time (hours)

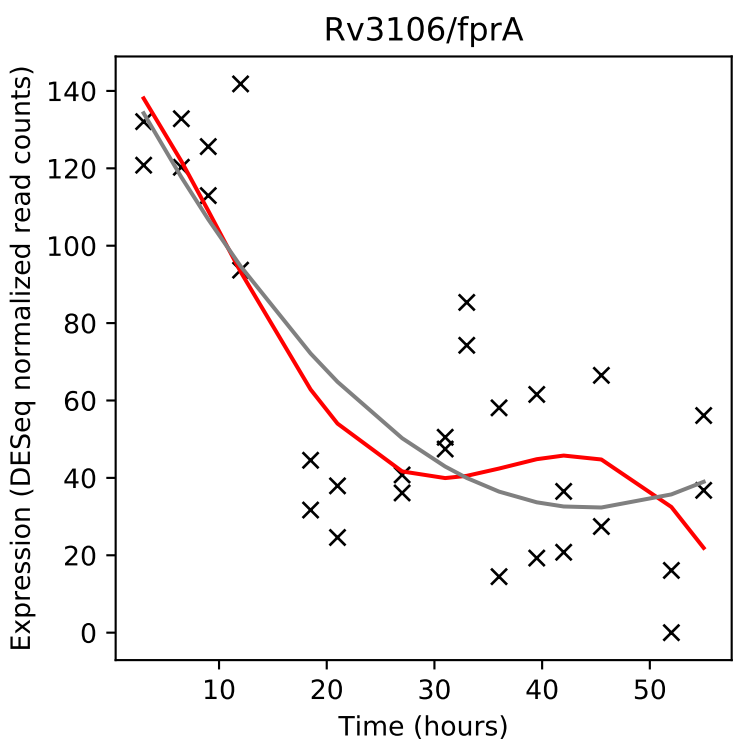

Rv3101c/ftsX
Expression (DESeq normalized read counts)
Time (hours)

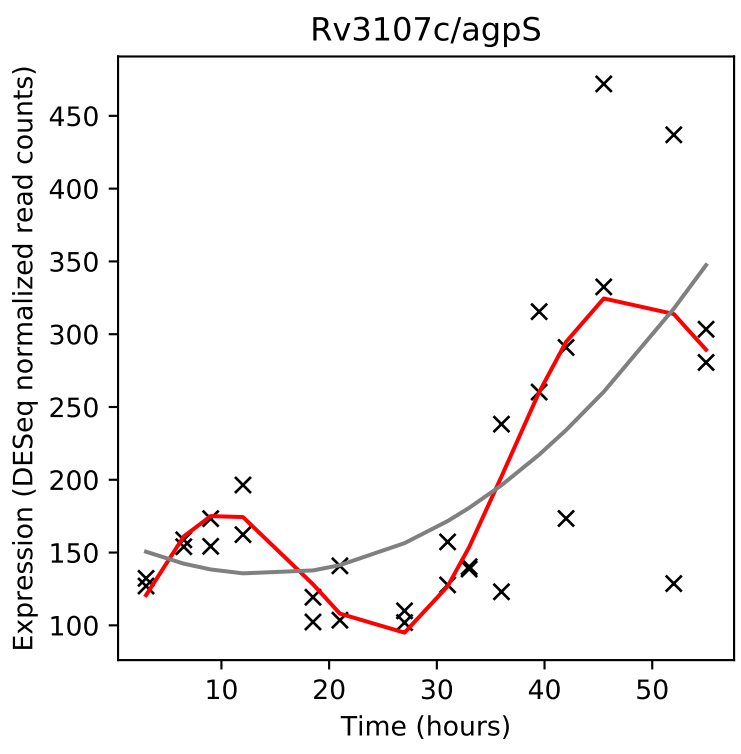

Rv3102c/ftsE
Expression (DESeq normalized read counts)
Time (hours)

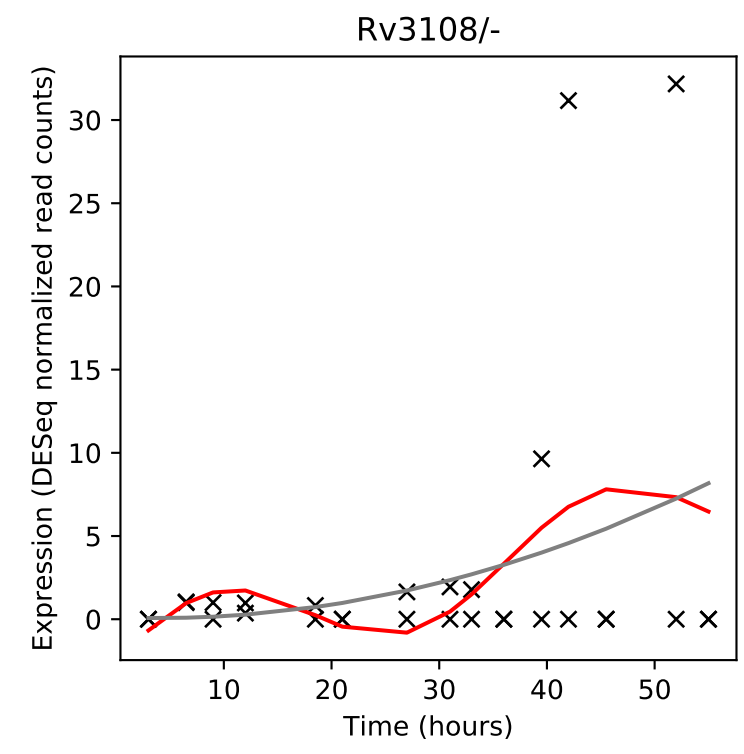

Rv3103c/-
Expression (DESeq normalized read counts)
Time (hours)

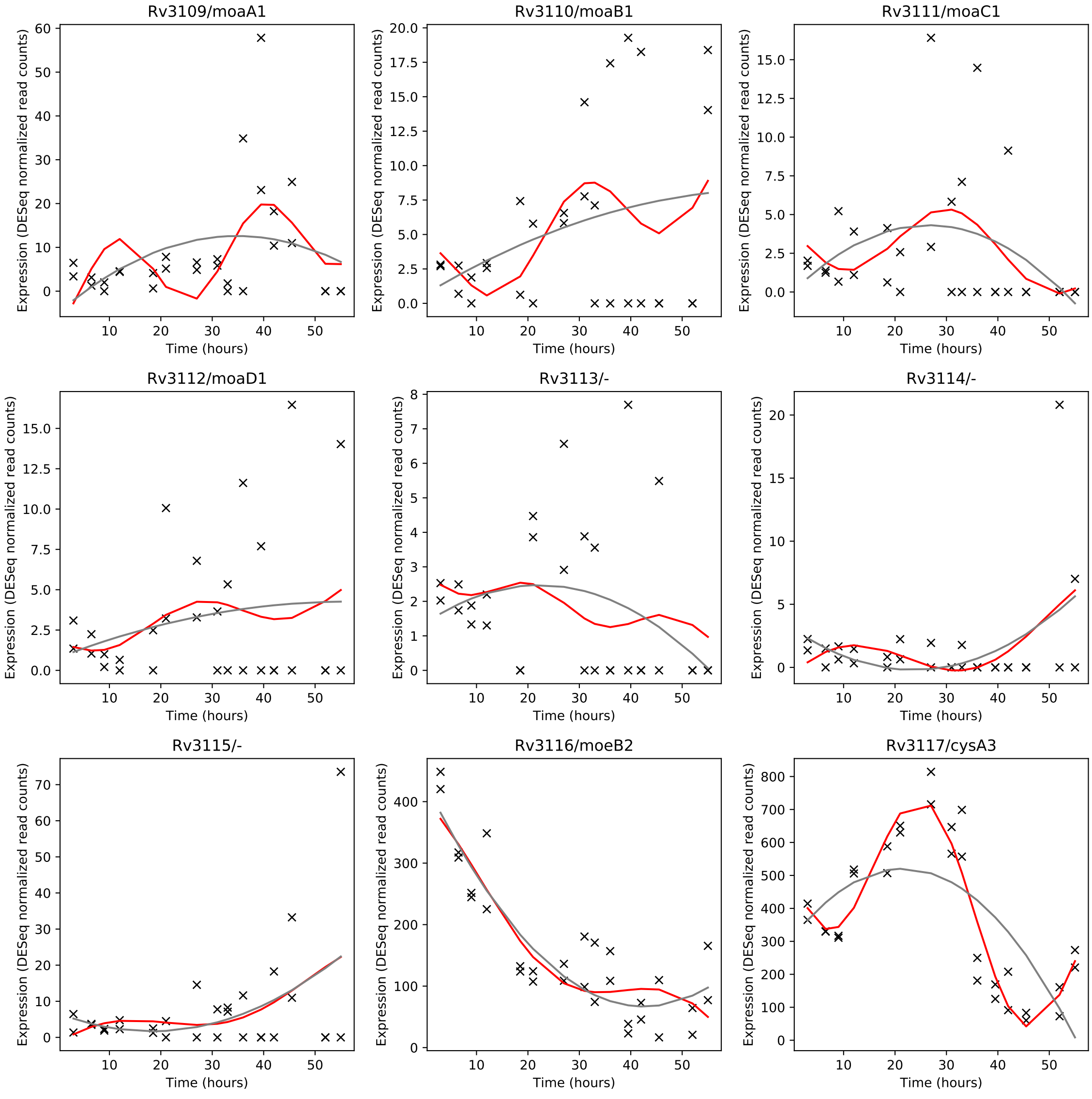

Rv3104c/-
Expression (DESeq normalized read counts)
Time (hours)

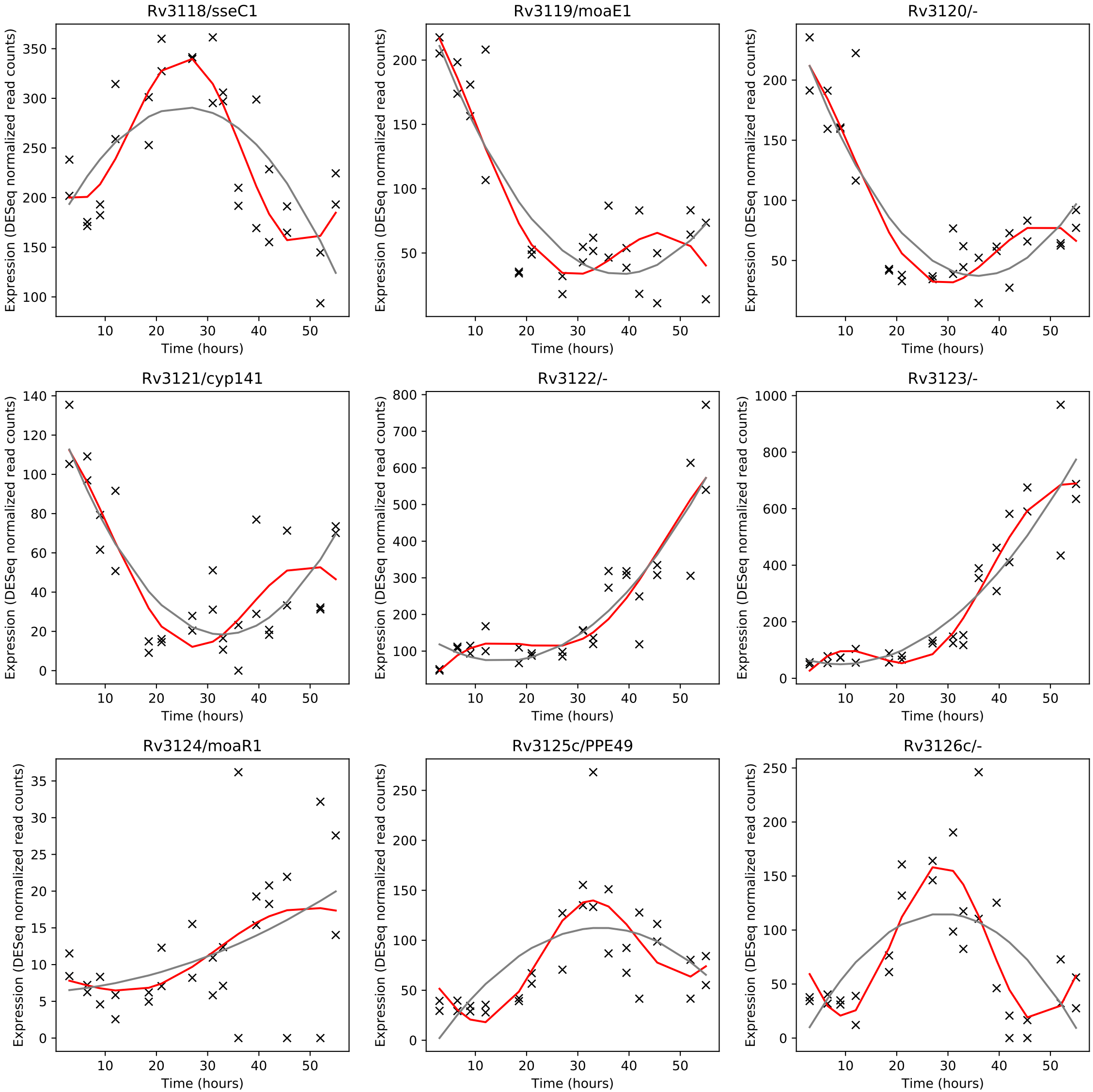

Rv3105c/prfB
Expression (DESeq normalized read counts)
Time (hours)

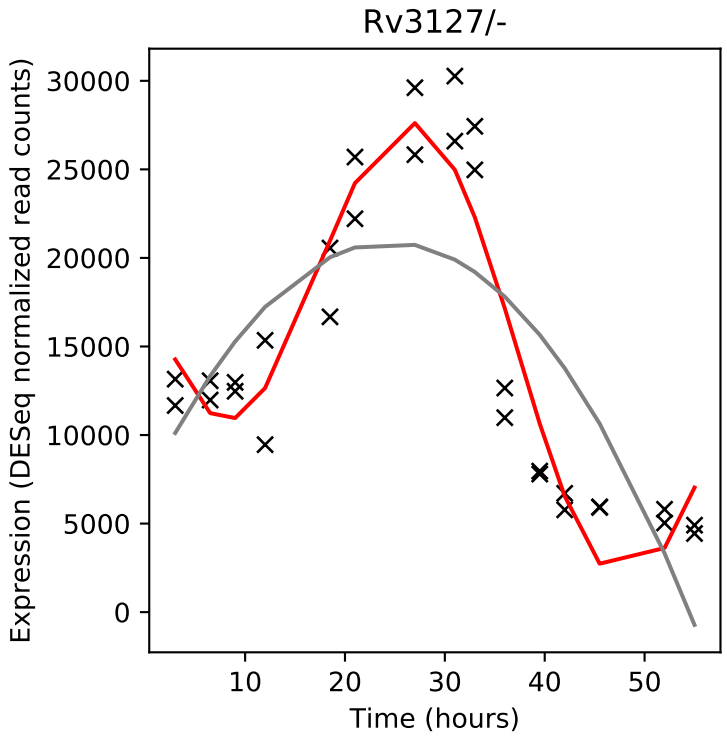

Rv3106/fprA
Expression (DESeq normalized read counts)
Time (hours)

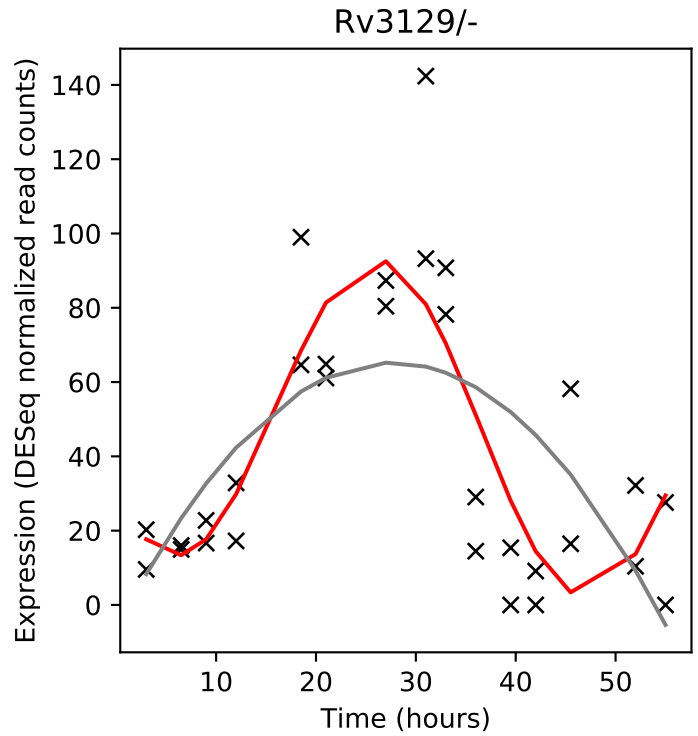

Rv3107c/agpS
Expression (DESeq normalized read counts)
Time (hours)

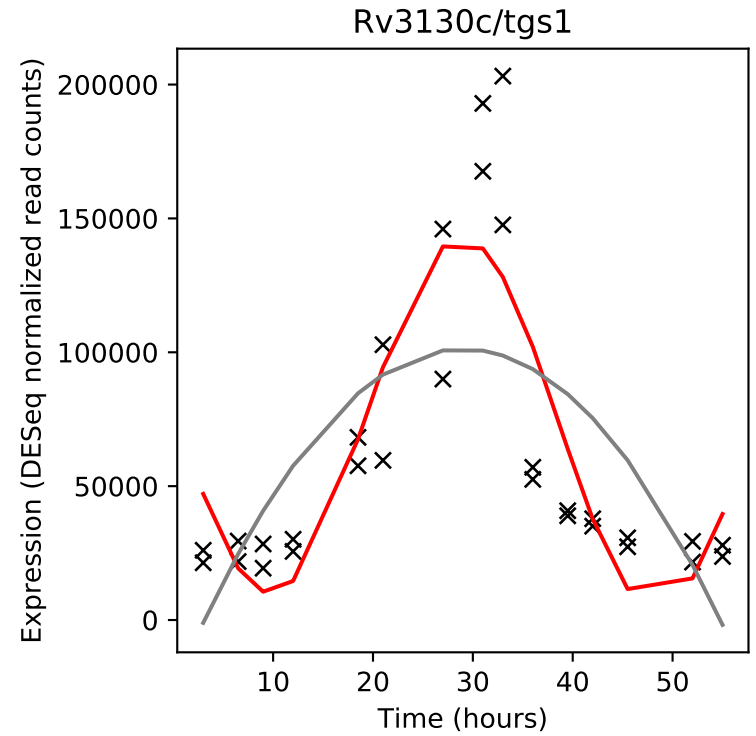

Rv3108/-
Expression (DESeq normalized read counts)
Time (hours)

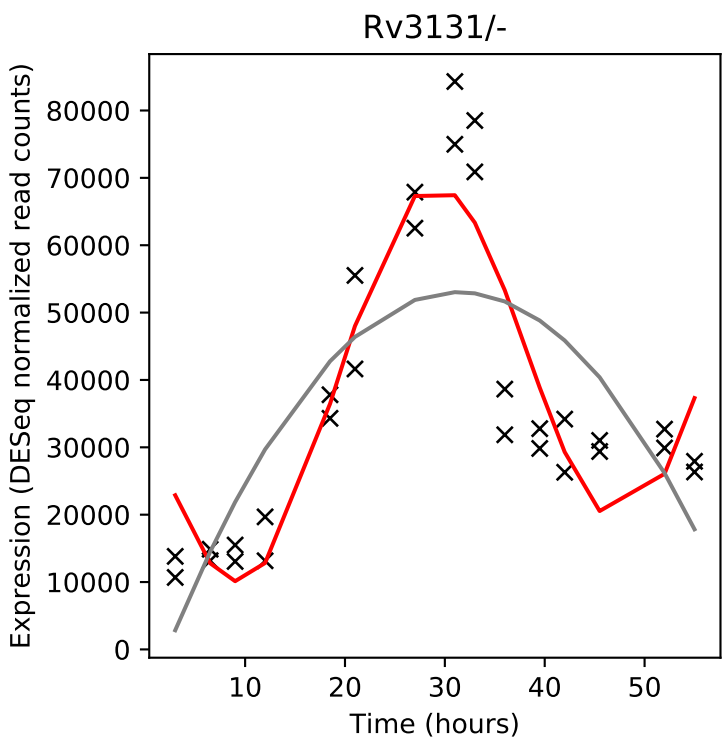

Rv3109/moaA1
Rv3110/moaB1
Rv3111/moaC1
Rv3112/moaD1
Rv3113/-
Rv3114/-
Rv3115/-
Rv3116/moeB2
Rv3117/cysA3
Expression (DESeq normalized read counts)
Time (hours)

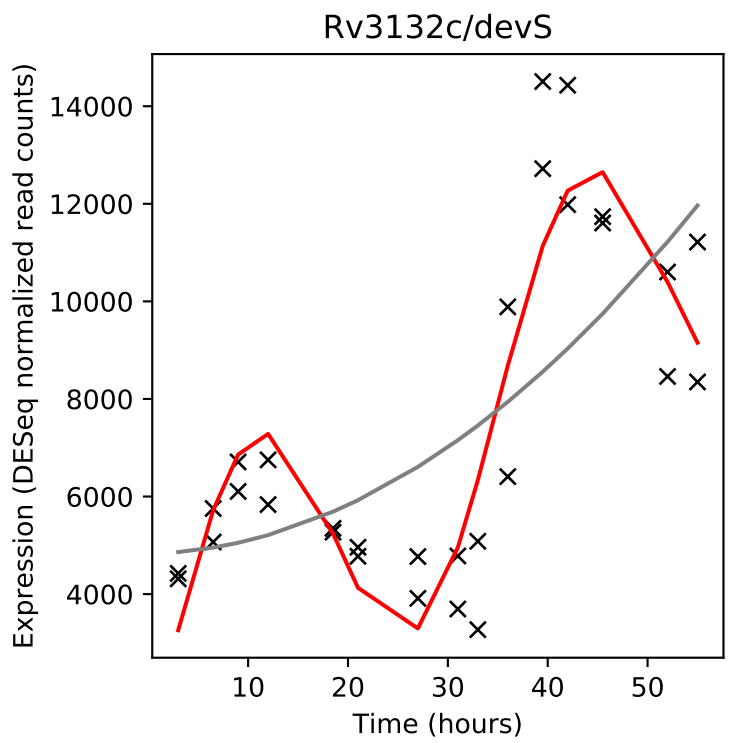

Rv3118/sseC1
Rv3119/moaE1
Rv3120/-
Rv3121/cyp141
Rv3122/-
Rv3123/-
Rv3124/moaR1
Rv3125c/PPE49
Rv3126c/-
Expression (DESeq normalized read counts)
Time (hours)

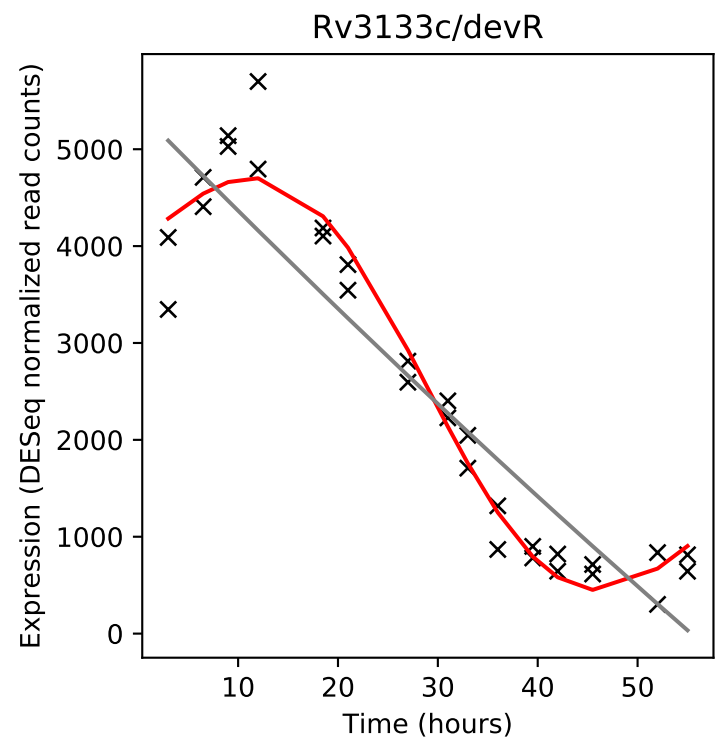

Rv3127/-
Expression (DESeq normalized read counts)
Time (hours)

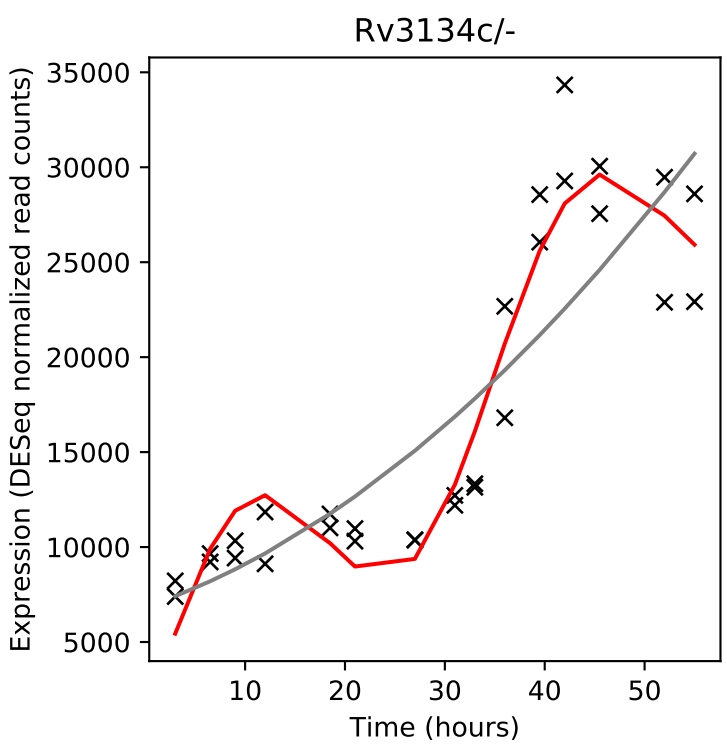

Rv3129/-
Expression (DESeq normalized read counts)
Time (hours)

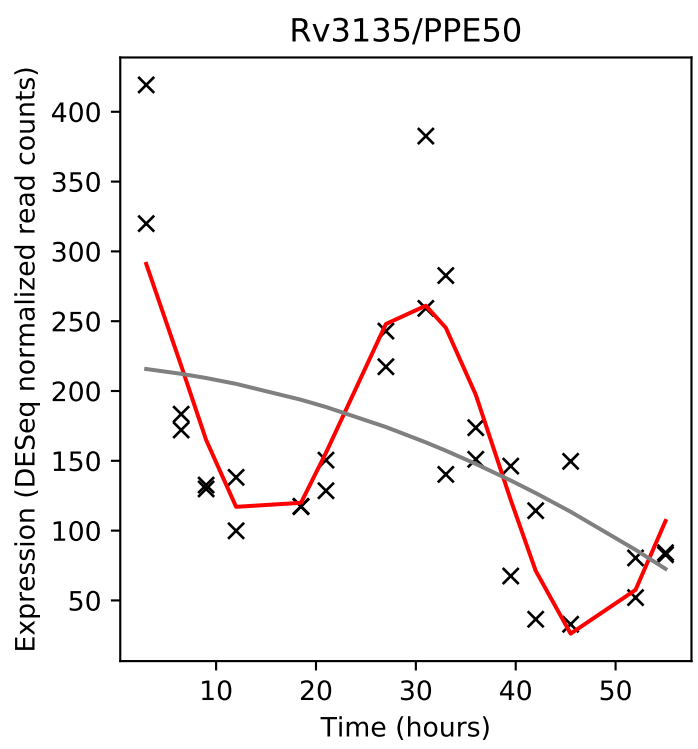

Rv3130c/tgs1
Expression (DESeq normalized read counts)
Time (hours)

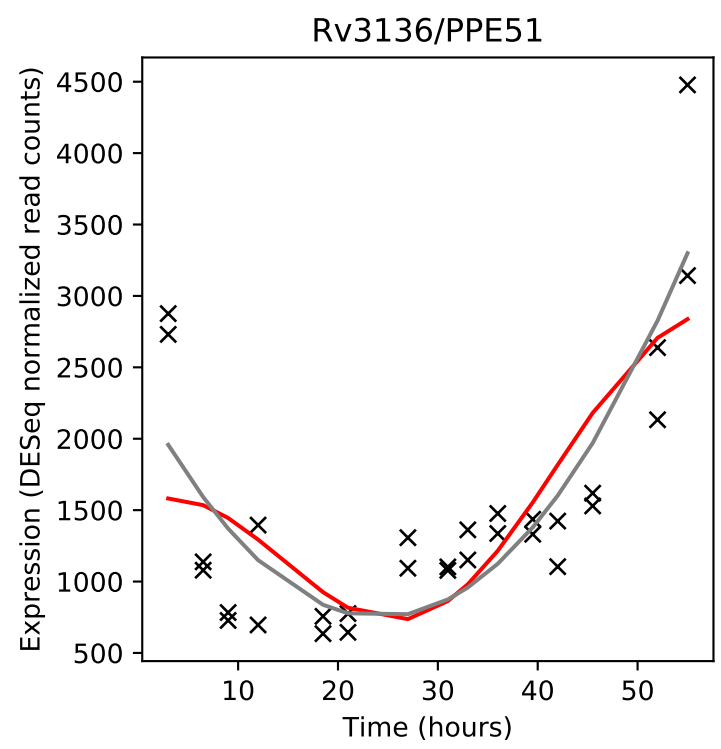

Rv3131/-
Expression (DESeq normalized read counts)
Time (hours)

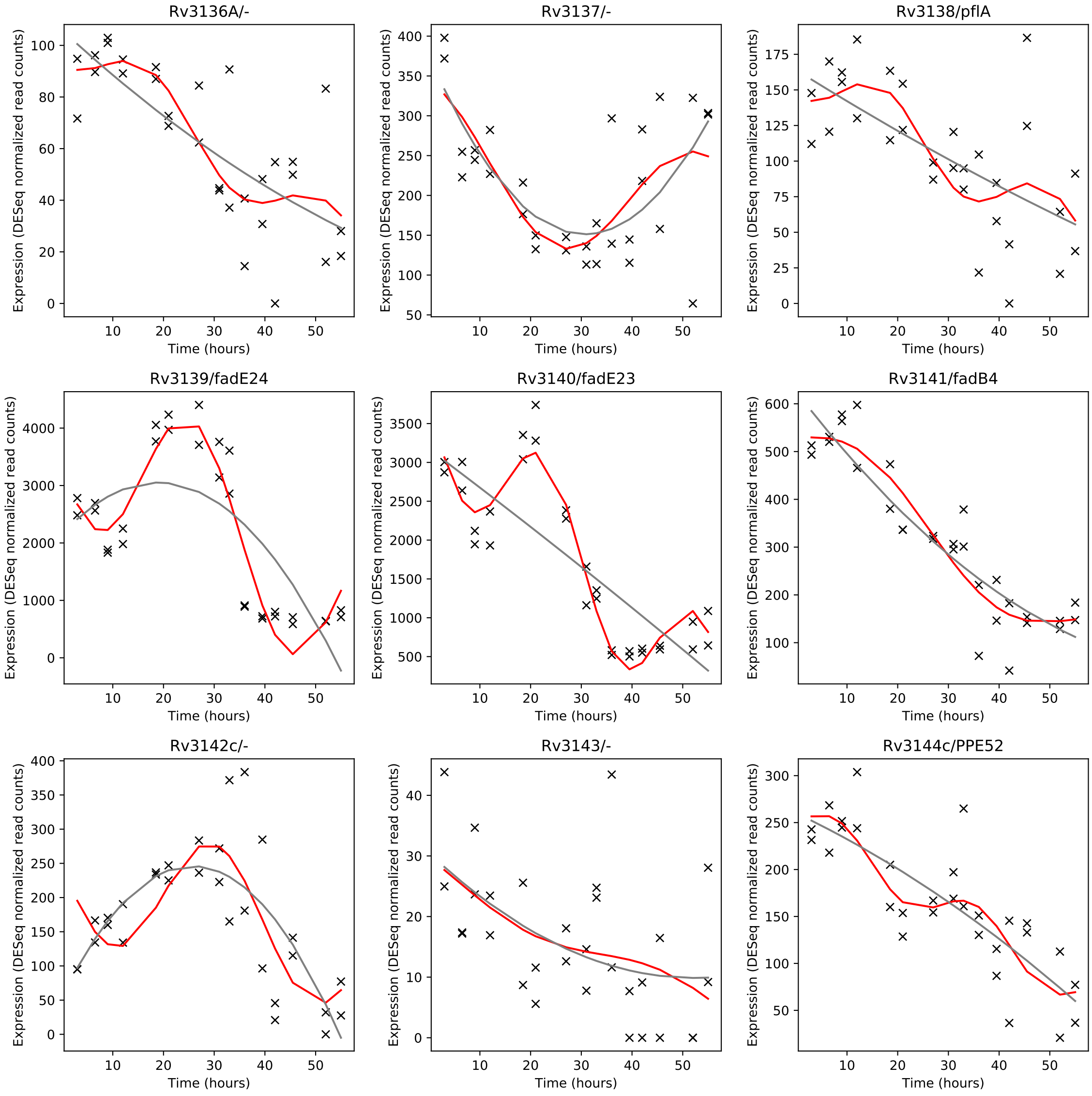

Rv3132c/devS
Expression (DESeq normalized read counts)
Time (hours)

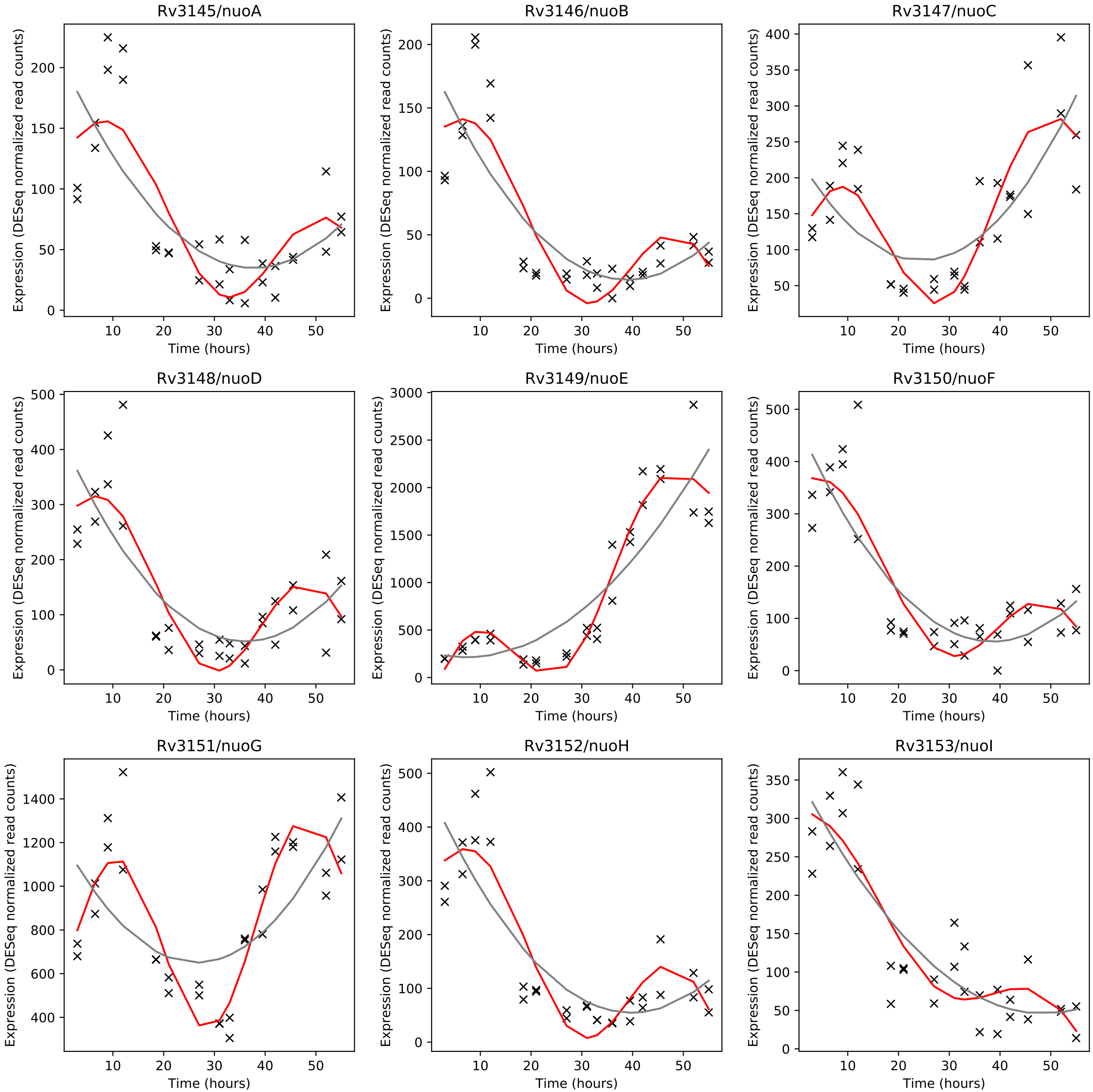

Rv3133c/devR
Expression (DESeq normalized read counts)
Time (hours)

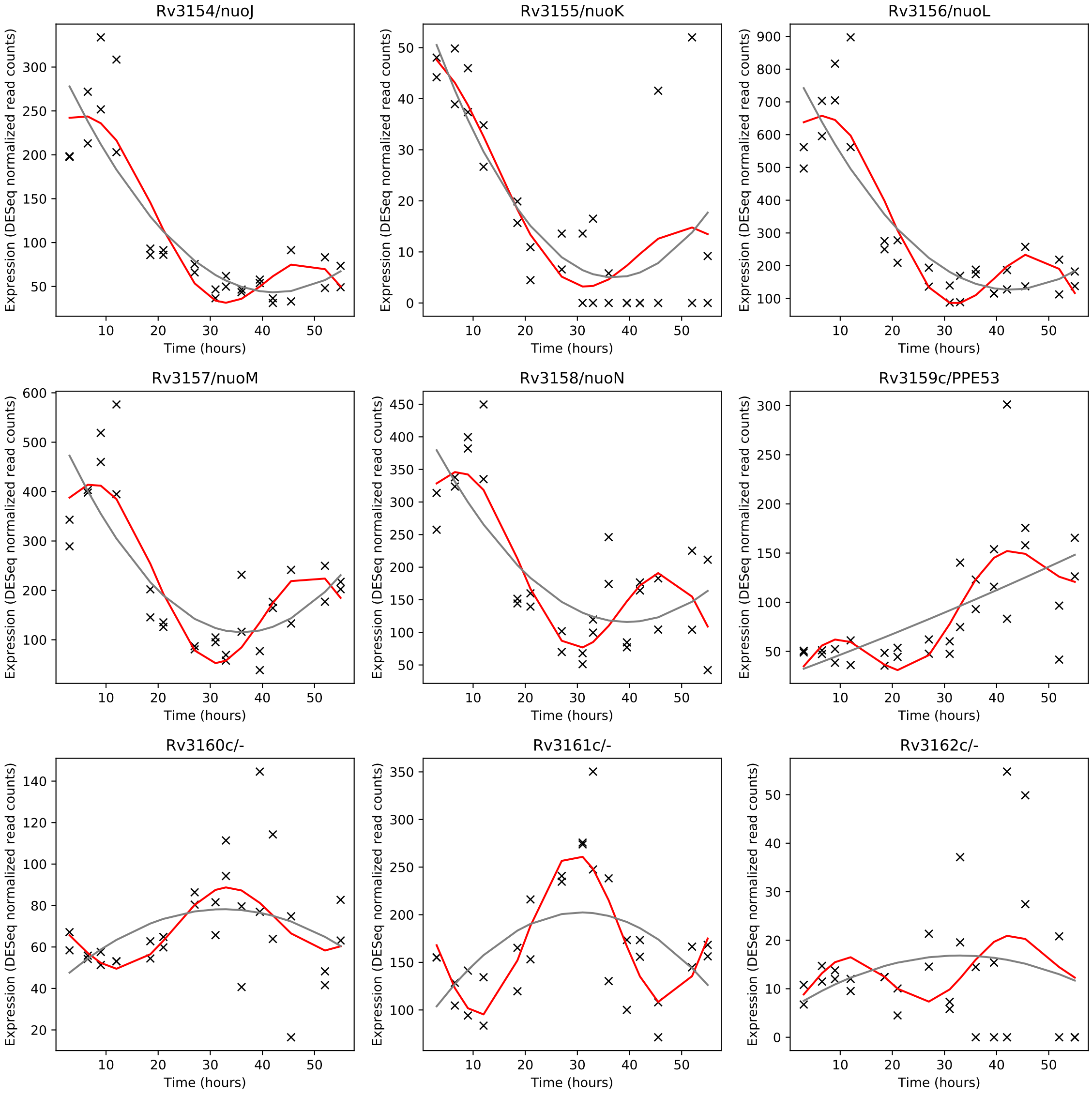

Rv3134c/-
Expression (DESeq normalized read counts)
Time (hours)

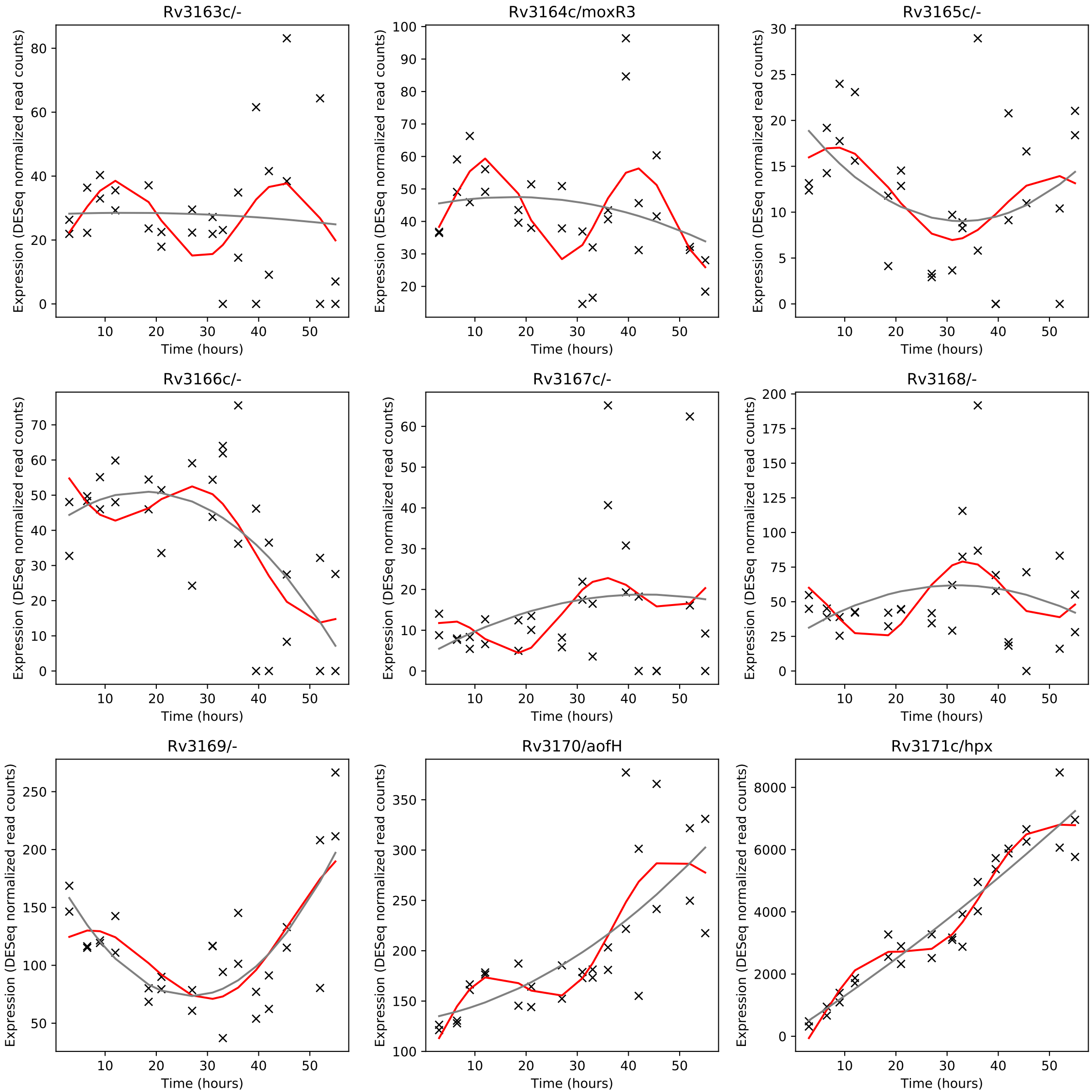

Rv3135/PPE50
Expression (DESeq normalized read counts)
Time (hours)

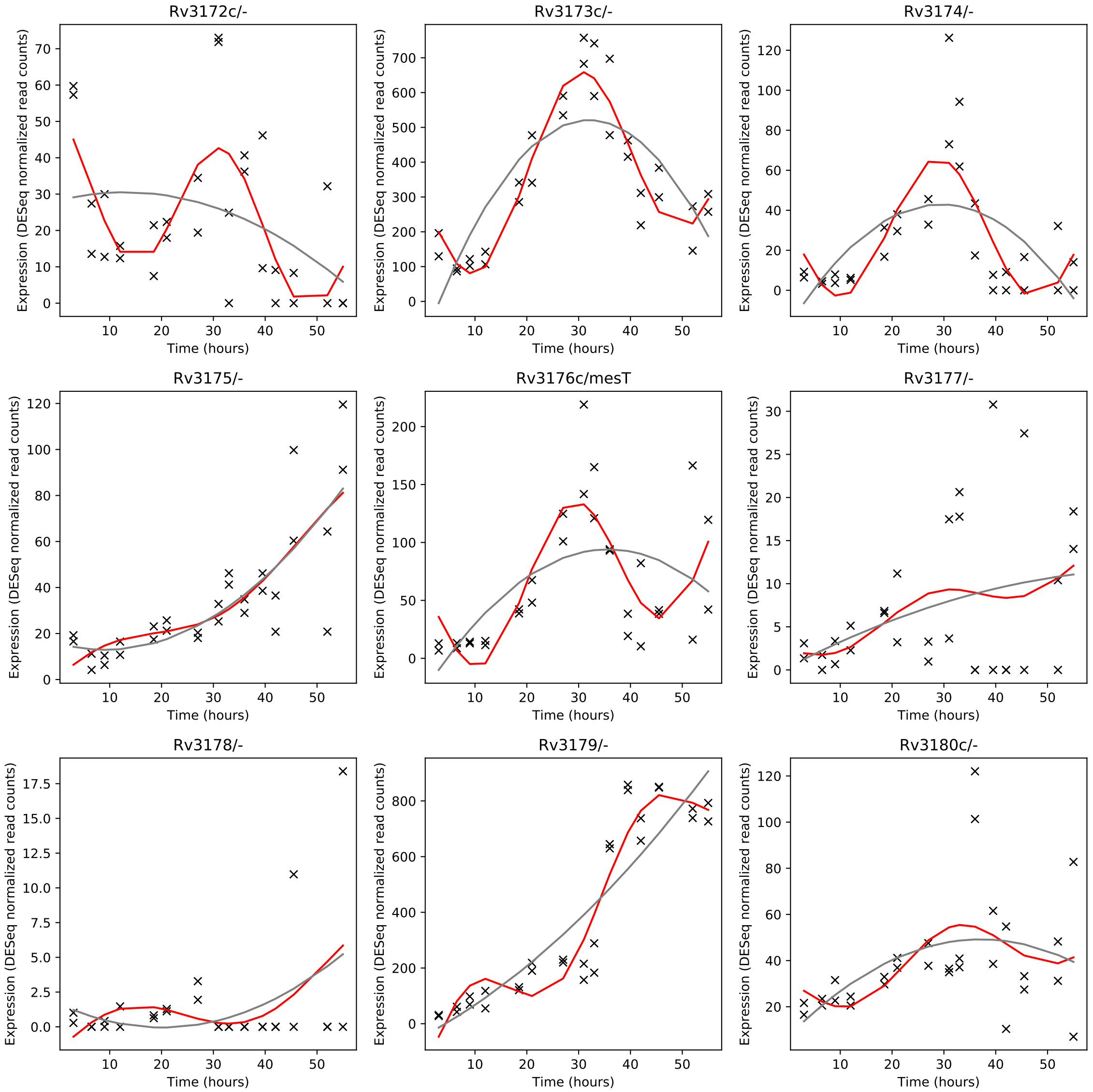

Rv3136/PPE51
Expression (DESeq normalized read counts)
Time (hours)

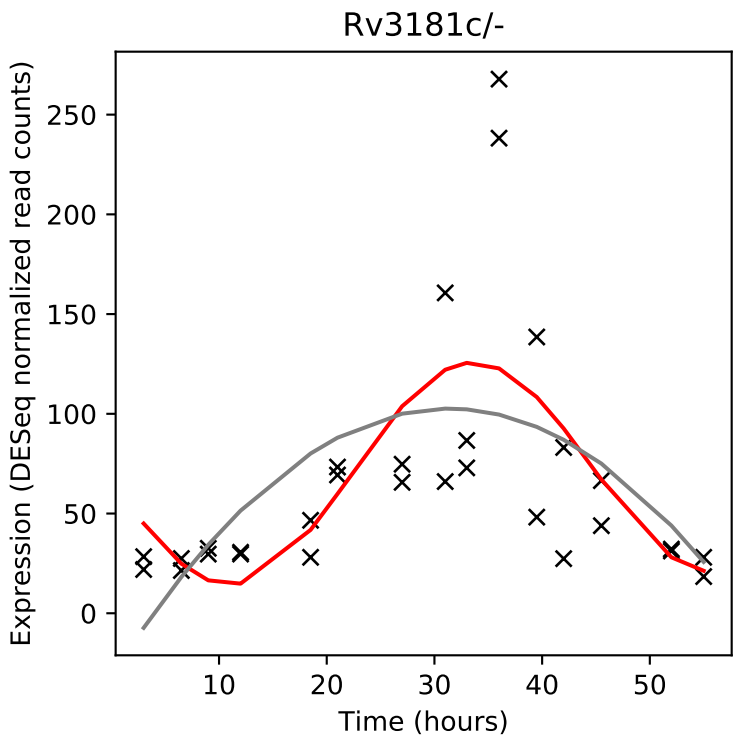

Rv3136A/-
Rv3137/-
Rv3138/pflA
Rv3139/fadE24
Rv3140/fadE23
Rv3141/fadB4
Rv3142c/-
Rv3143/-
Rv3144c/PPE52
Expression (DESeq normalized read counts)
Time (hours)

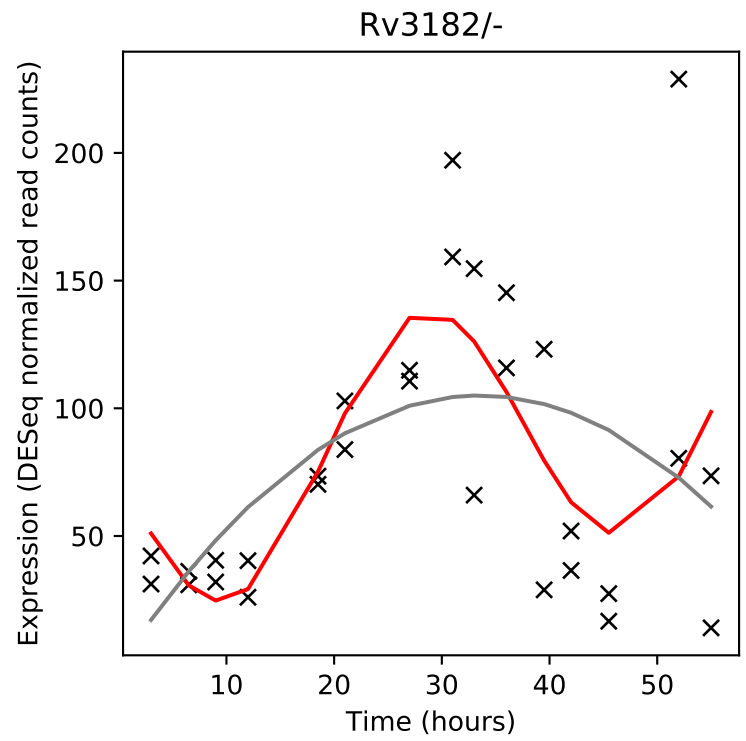

Rv3145/nuoA
Rv3146/nuoB
Rv3147/nuoC
Rv3148/nuoD
Rv3149/nuoE
Rv3150/nuoF
Rv3151/nuoG
Rv3152/nuoH
Rv3153/nuoI
Expression (DESeq normalized read counts)
Time (hours)

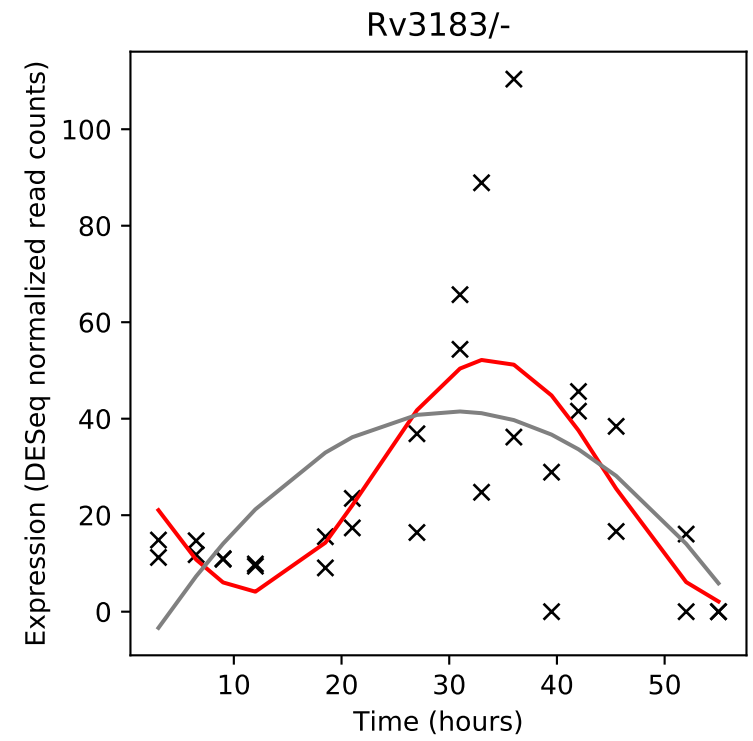

Rv3154/nuoJ
Rv3155/nuoK
Rv3156/nuoL
Rv3157/nuoM
Rv3158/nuoN
Rv3159c/PPE53
Rv3160c/-
Rv3161c/-
Rv3162c/-
Expression (DESeq normalized read counts)
Time (hours)

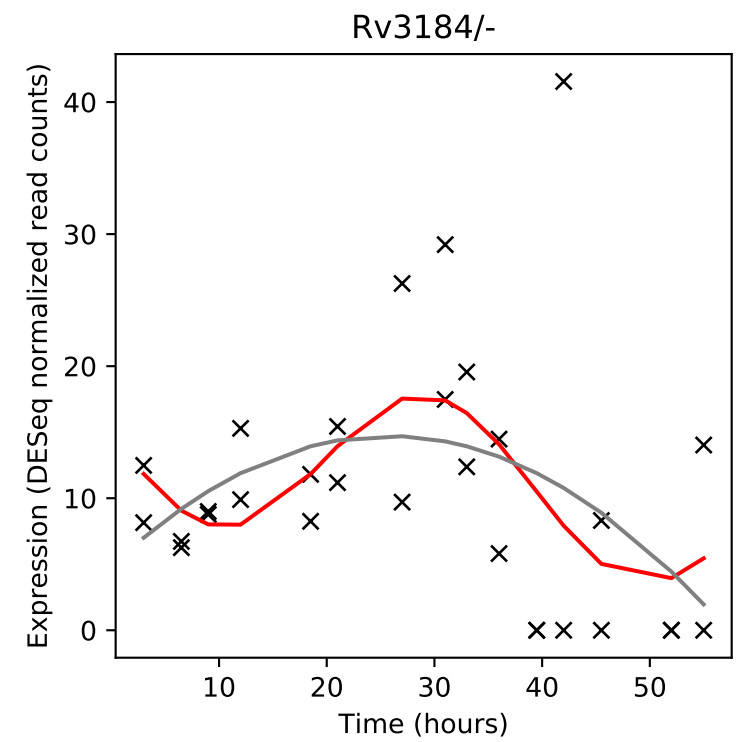

Rv3163c/-
Rv3164c/moxR3
Rv3165c/-
Rv3166c/-
Rv3167c/-
Rv3168/-
Rv3169/-
Rv3170/aofH
Rv3171c/hpx
Expression (DESeq normalized read counts)
Time (hours)

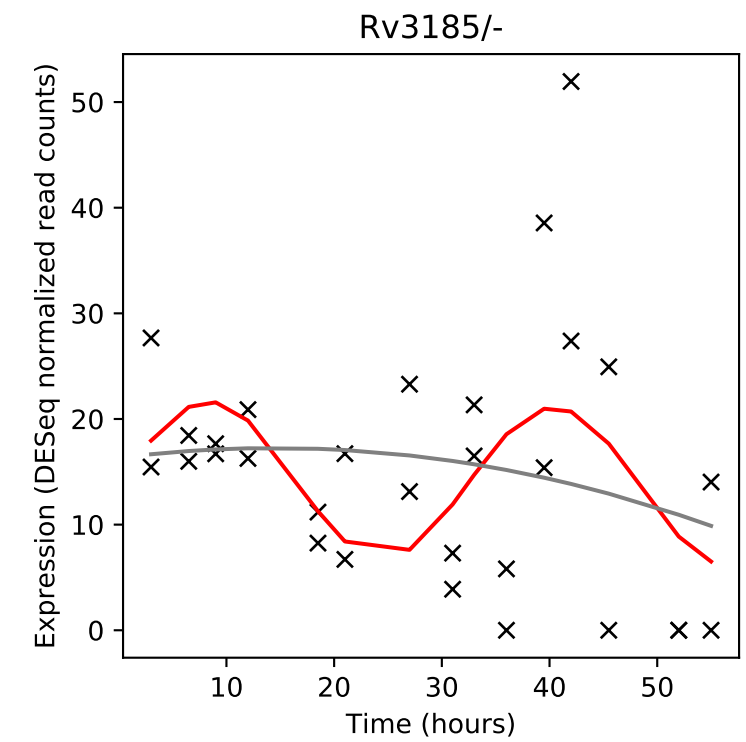

Rv3172c/-
Rv3173c/-
Rv3174/-
Rv3175/-
Rv3176c/mesT
Rv3177/-
Rv3178/-
Rv3179/-
Rv3180c/-
Expression (DESeq normalized read counts)
Time (hours)

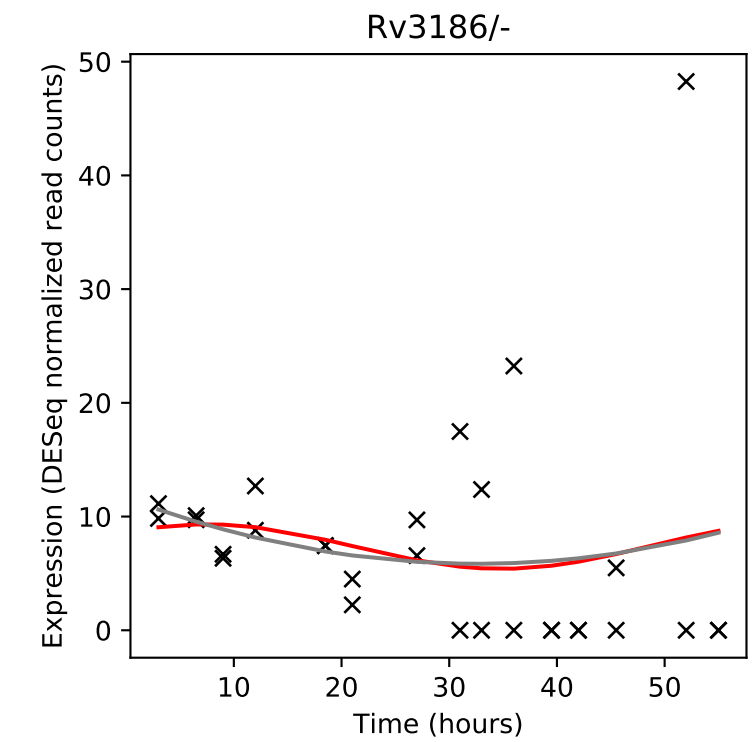

Rv3181c/-
Expression (DESeq normalized read counts)
Time (hours)

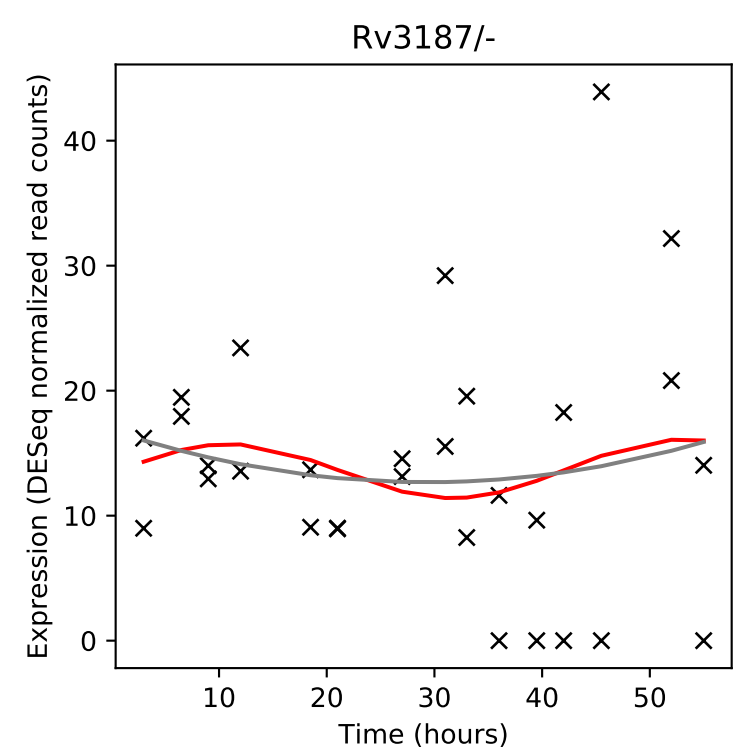

Rv3182/-
Expression (DESeq normalized read counts)
Time (hours)

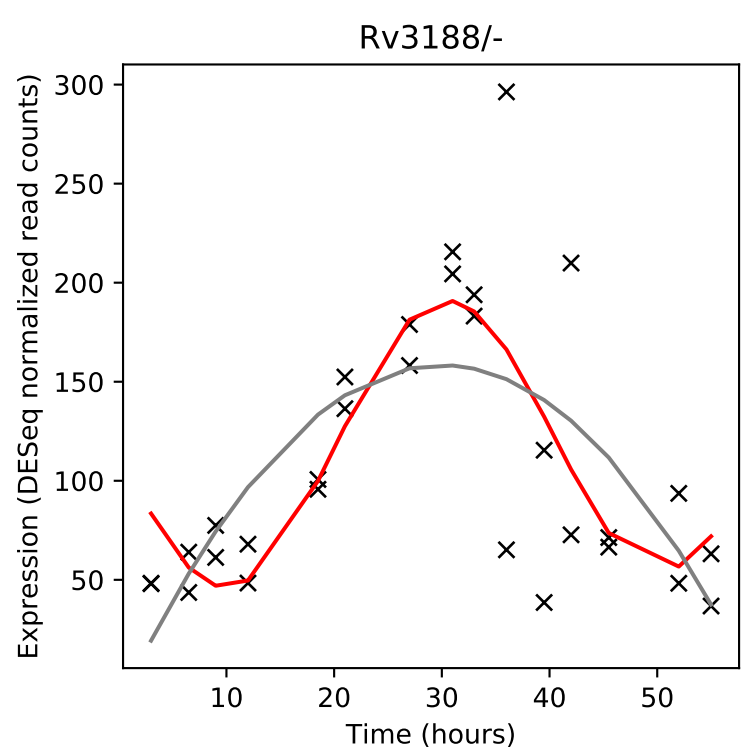

Rv3183/-
Expression (DESeq normalized read counts)
Time (hours)

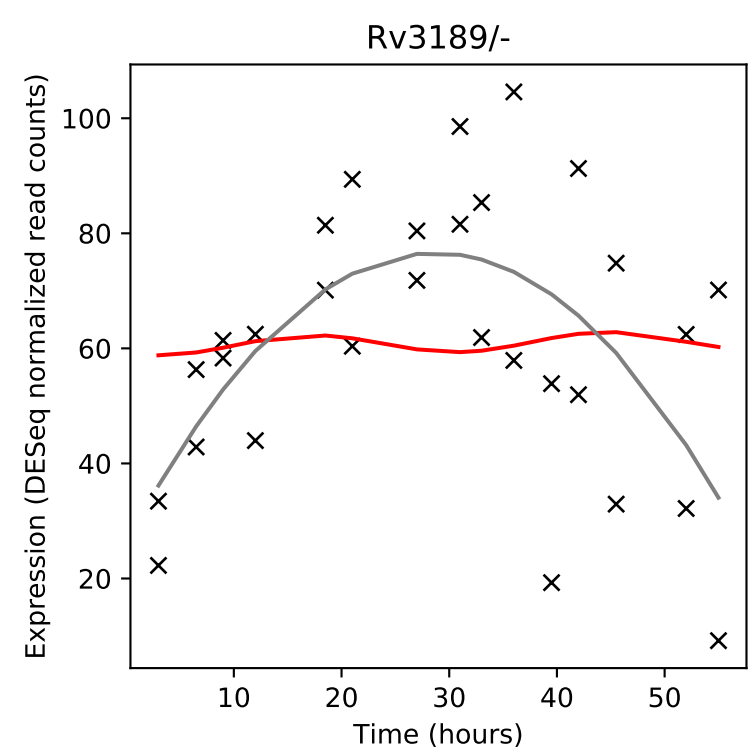

Rv3184/-
Expression (DESeq normalized read counts)
Time (hours)

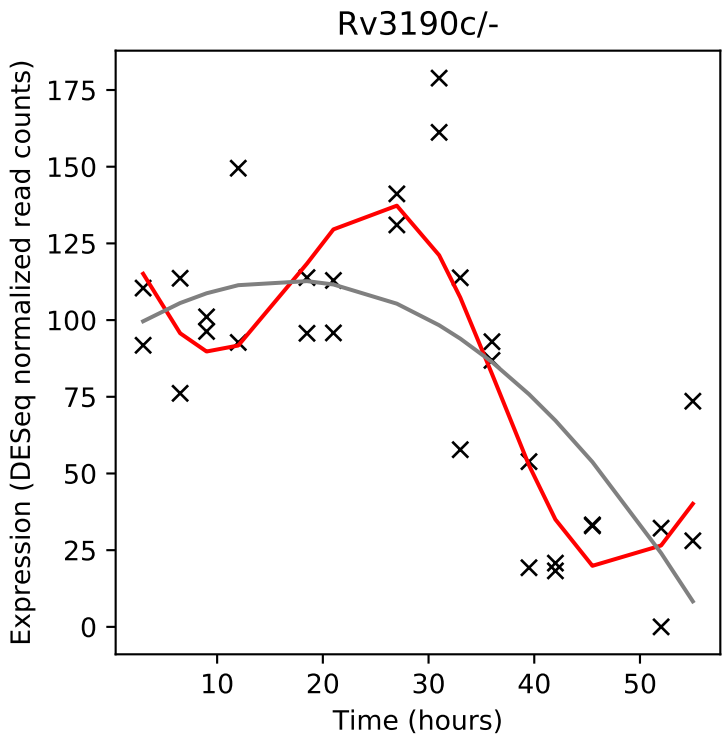

Rv3185/-
Expression (DESeq normalized read counts)
Time (hours)

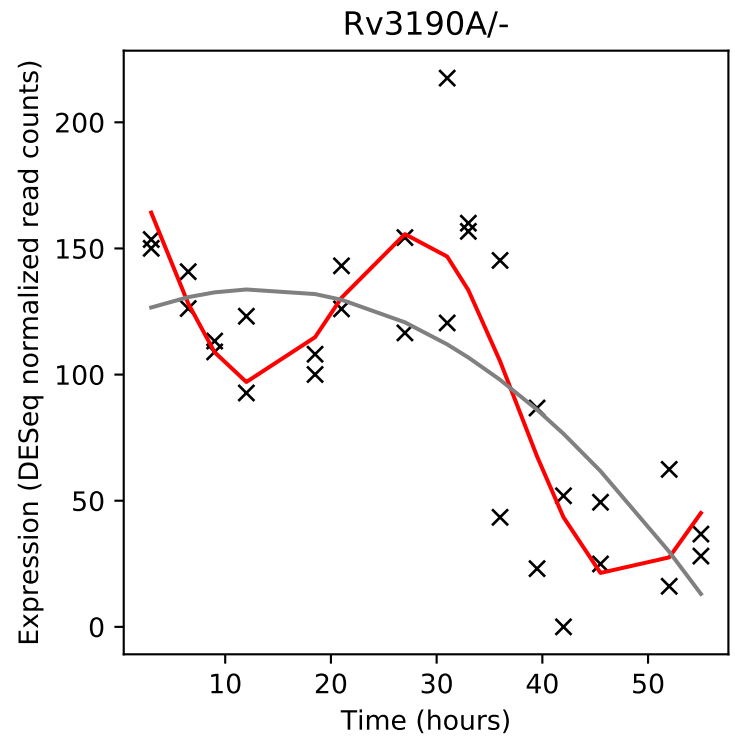

Rv3186/-
Expression (DESeq normalized read counts)
Time (hours)

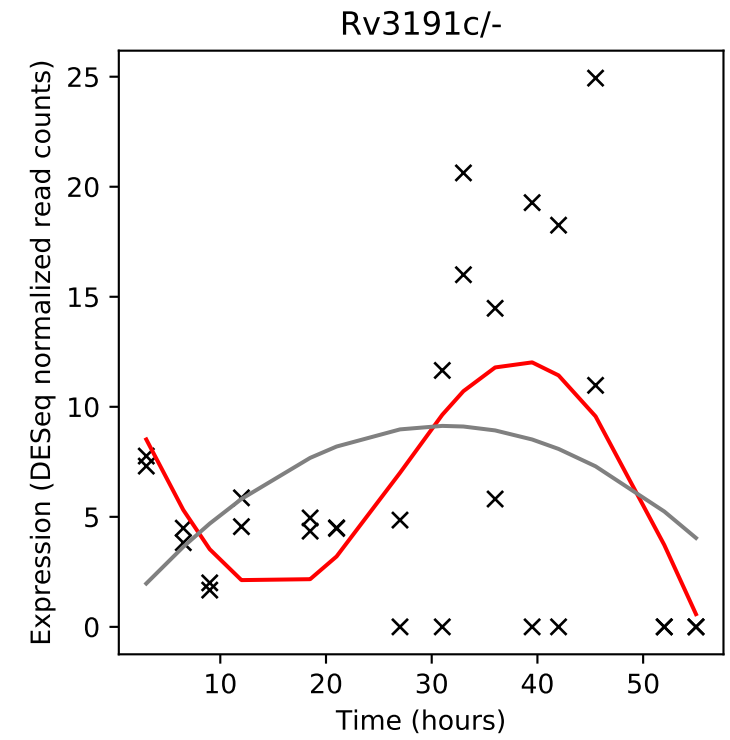

Rv3187/-
Expression (DESeq normalized read counts)
Time (hours)

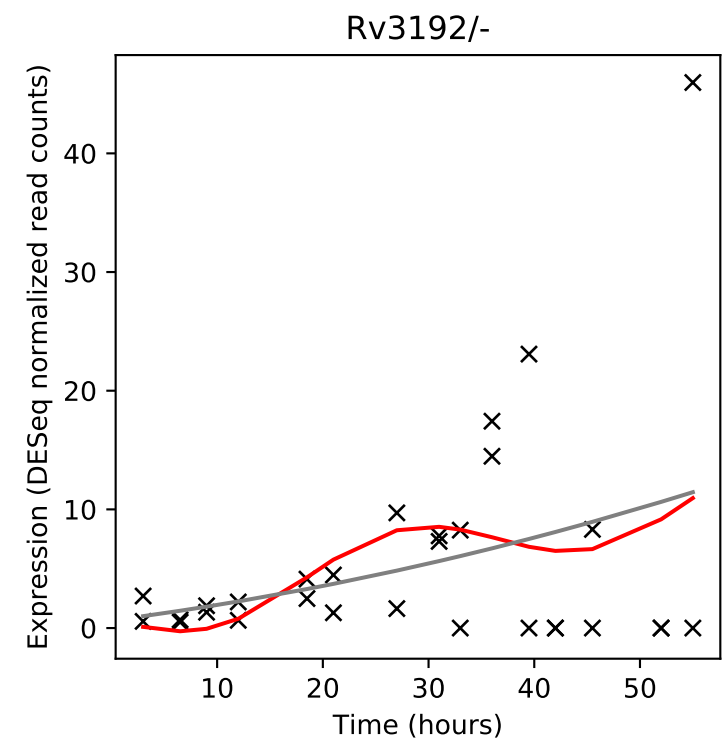

Rv3188/-
Expression (DESeq normalized read counts)
Time (hours)

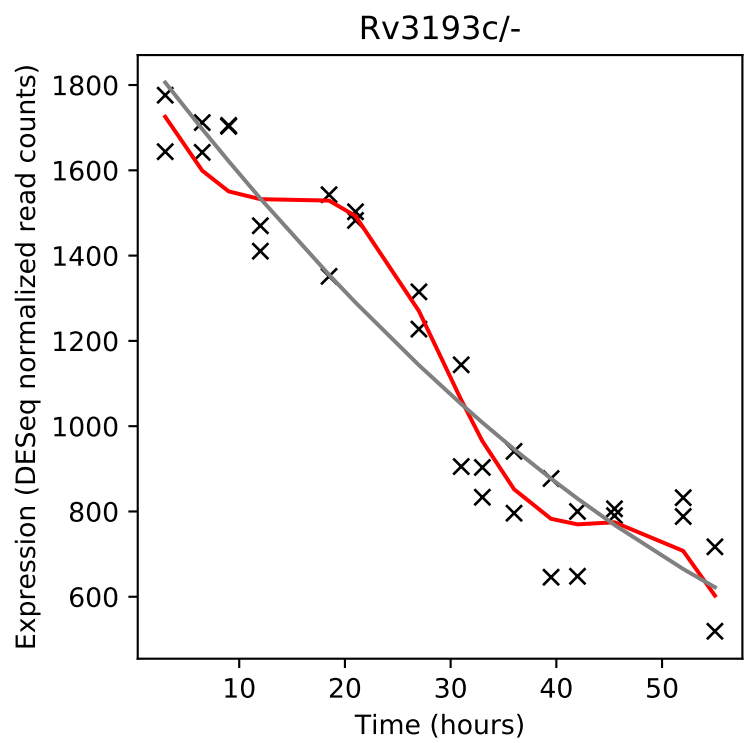

Rv3189/-
Expression (DESeq normalized read counts)
Time (hours)

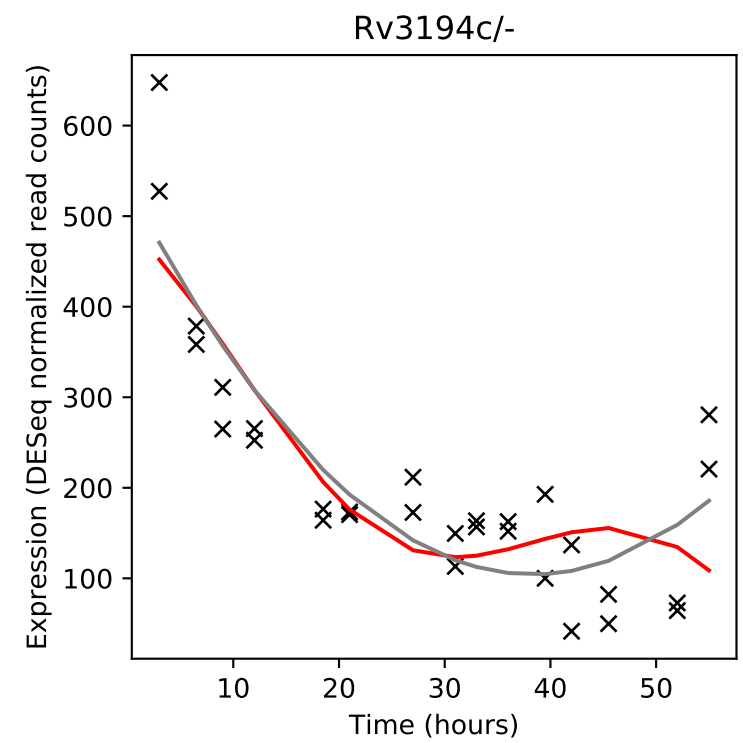

Rv3190c/-
Expression (DESeq normalized read counts)
Time (hours)

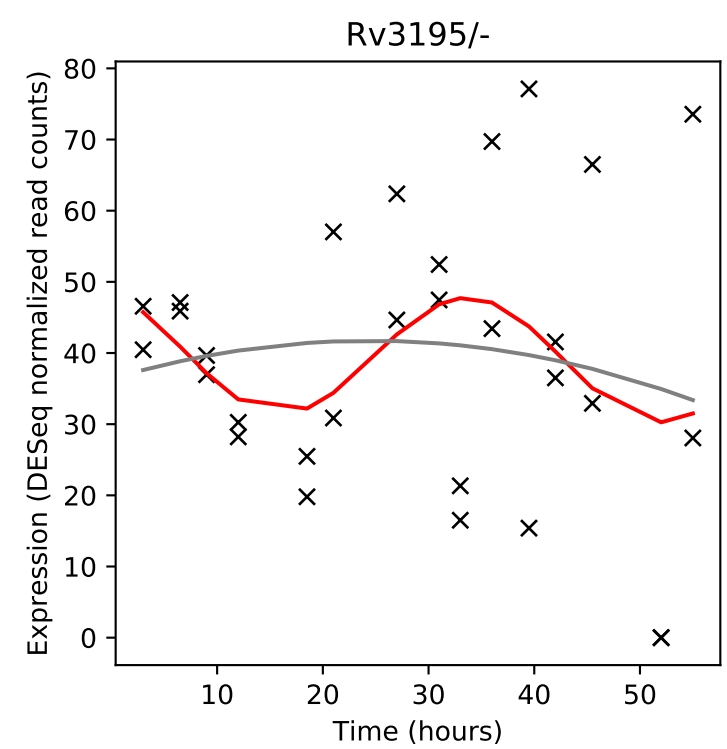

Rv3190A/-
Expression (DESeq normalized read counts)
Time (hours)

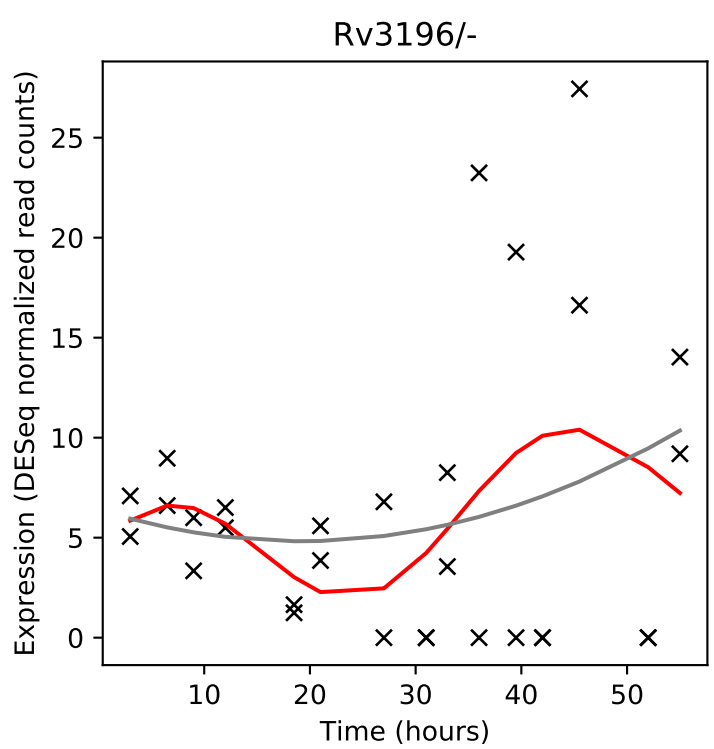

Rv3191c/-
Expression (DESeq normalized read counts)
Time (hours)

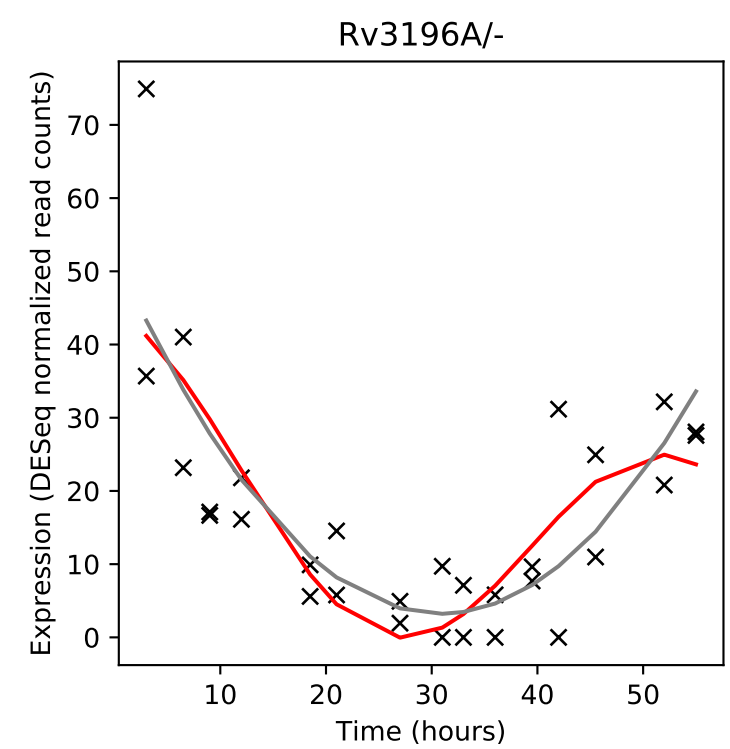

Rv3192/-
Expression (DESeq normalized read counts)
Time (hours)

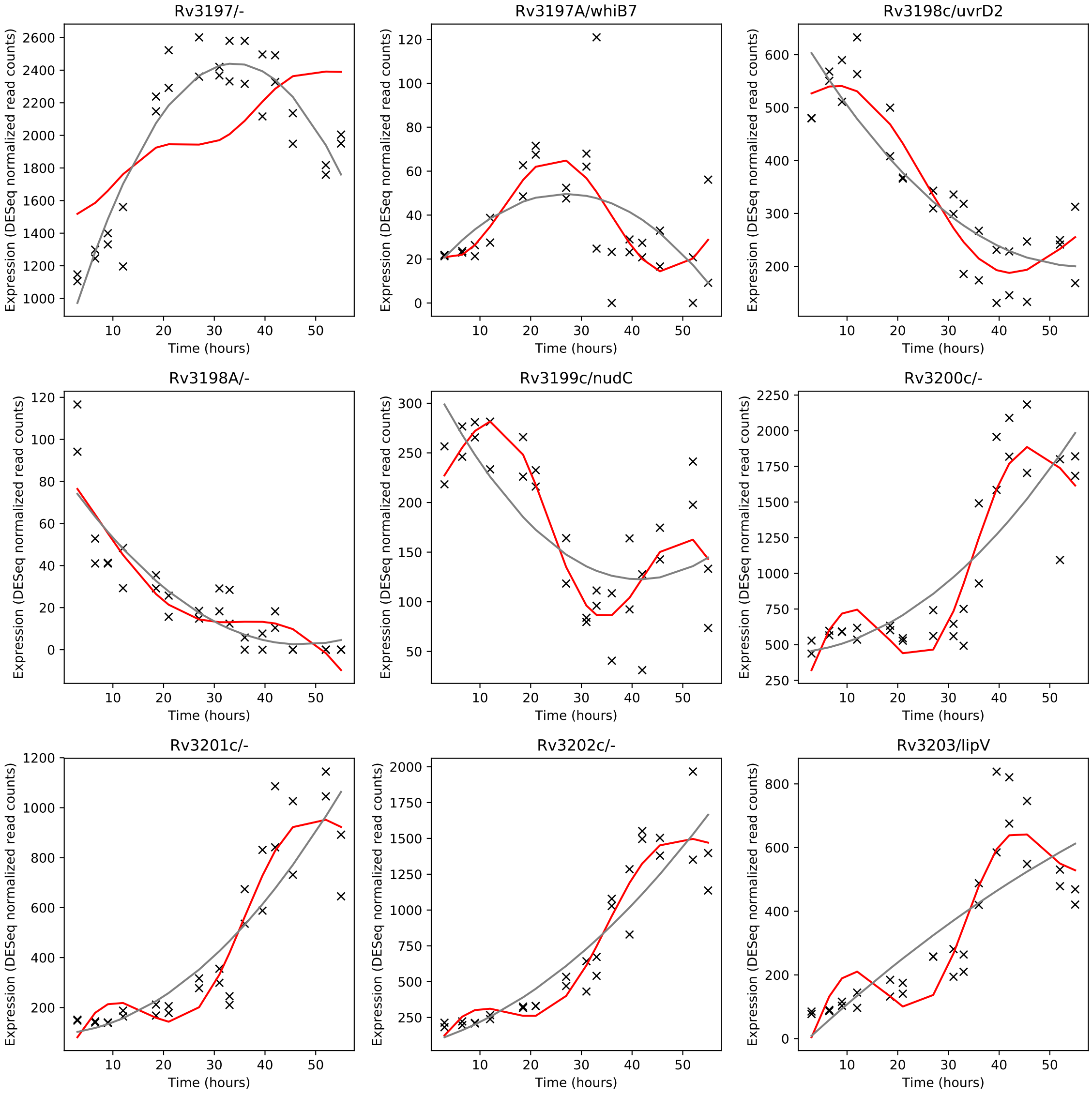

Rv3193c/-
Expression (DESeq normalized read counts)
Time (hours)

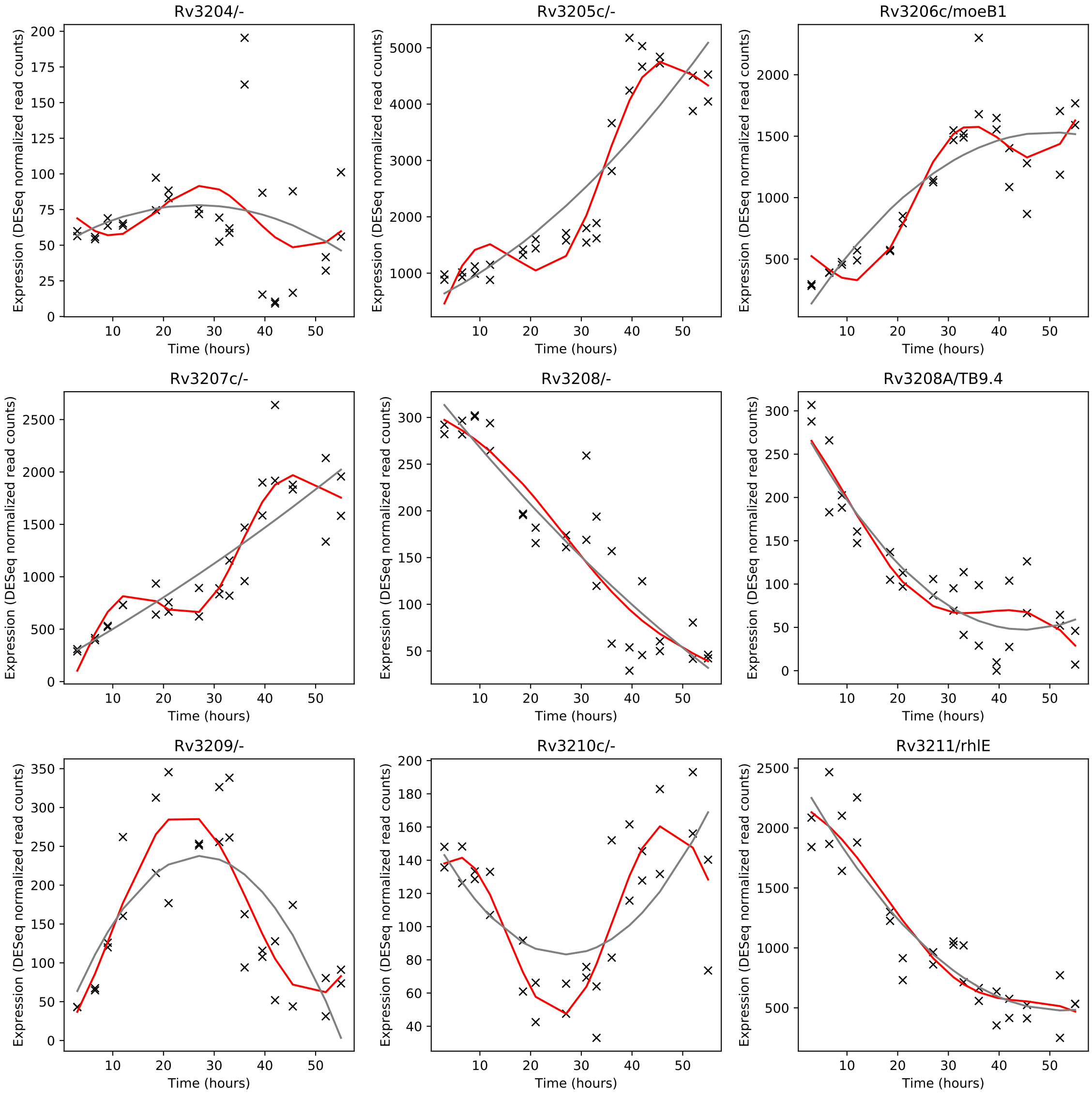

Rv3194c/-
Expression (DESeq normalized read counts)
Time (hours)

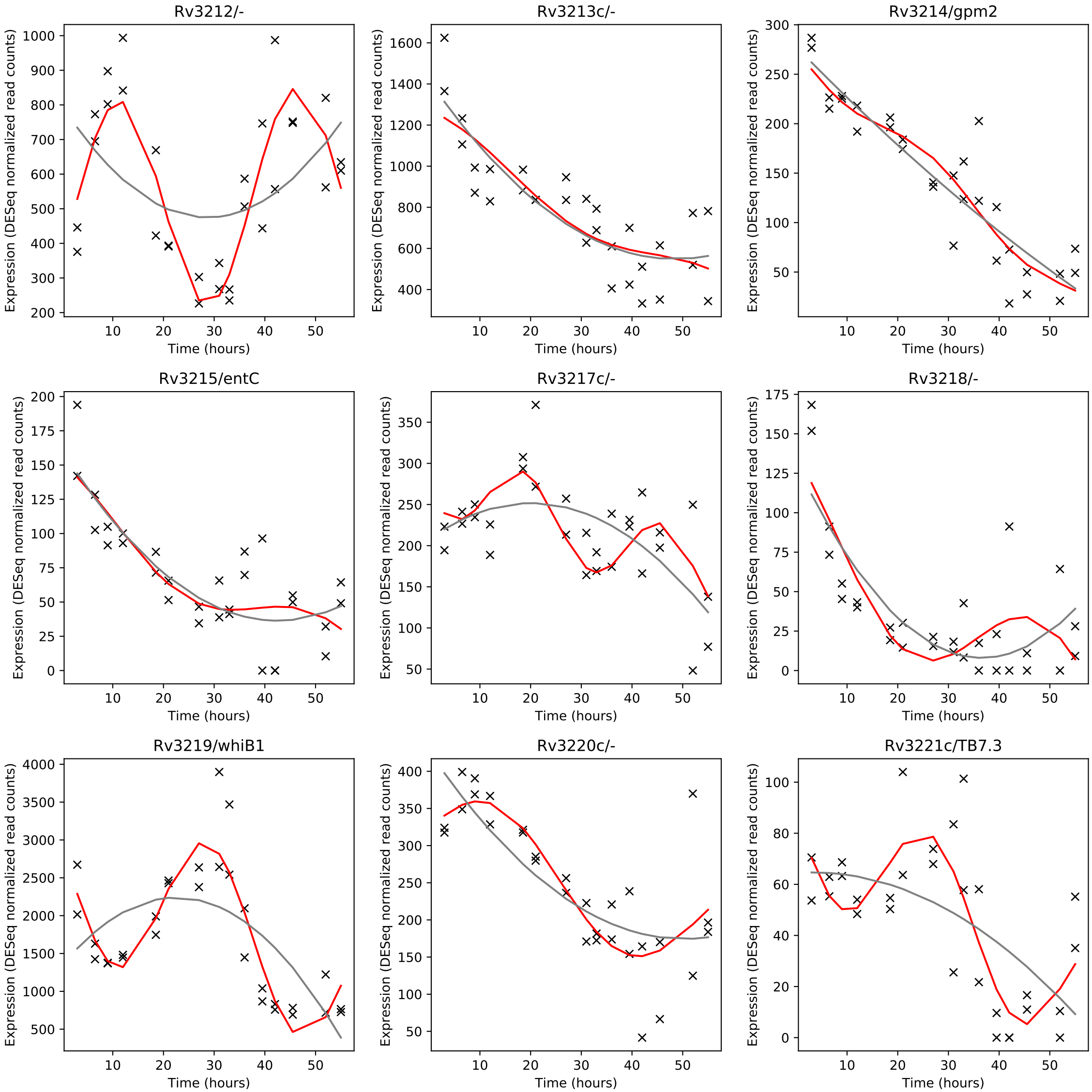

Rv3195/-
Expression (DESeq normalized read counts)
Time (hours)

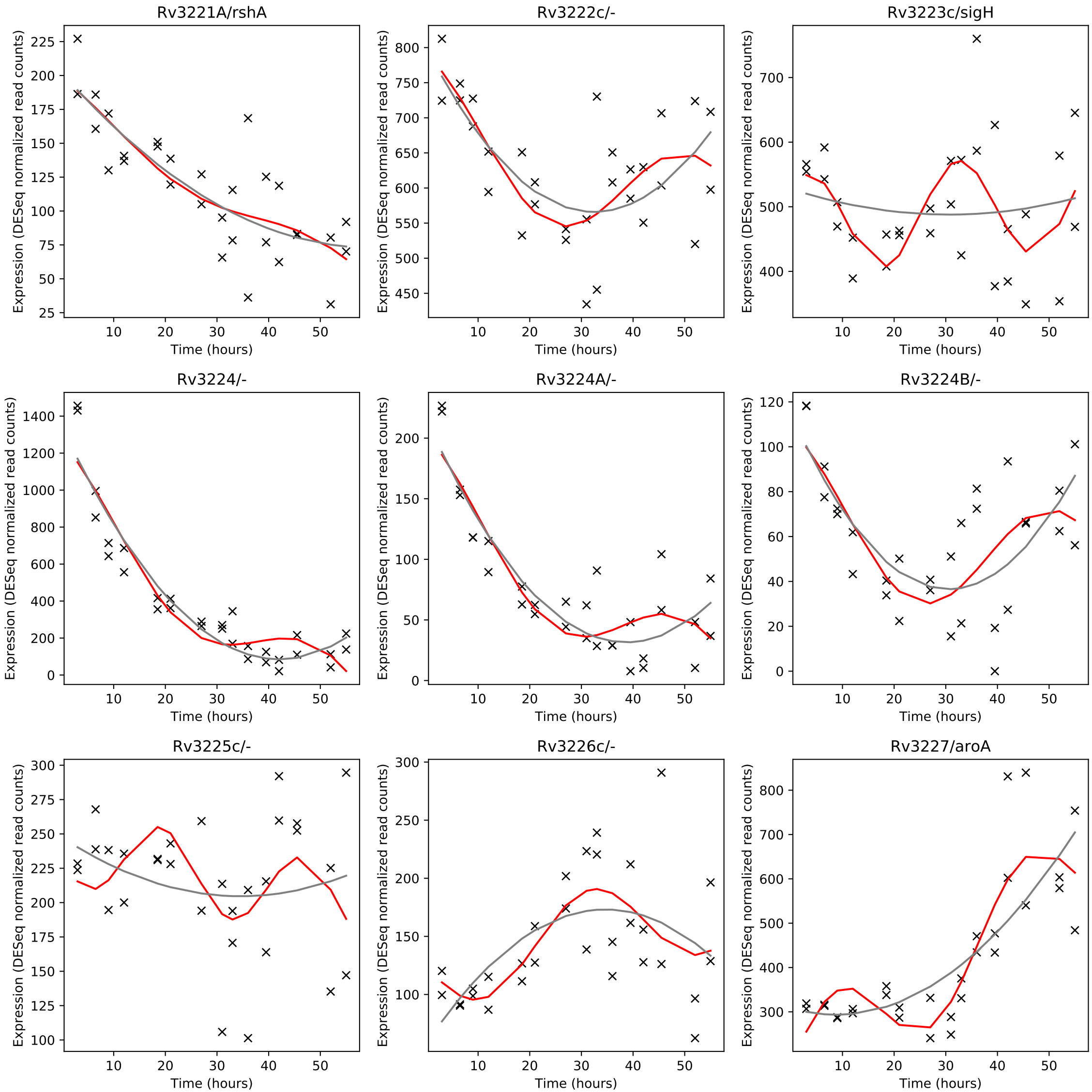

Rv3196/-
Expression (DESeq normalized read counts)
Time (hours)

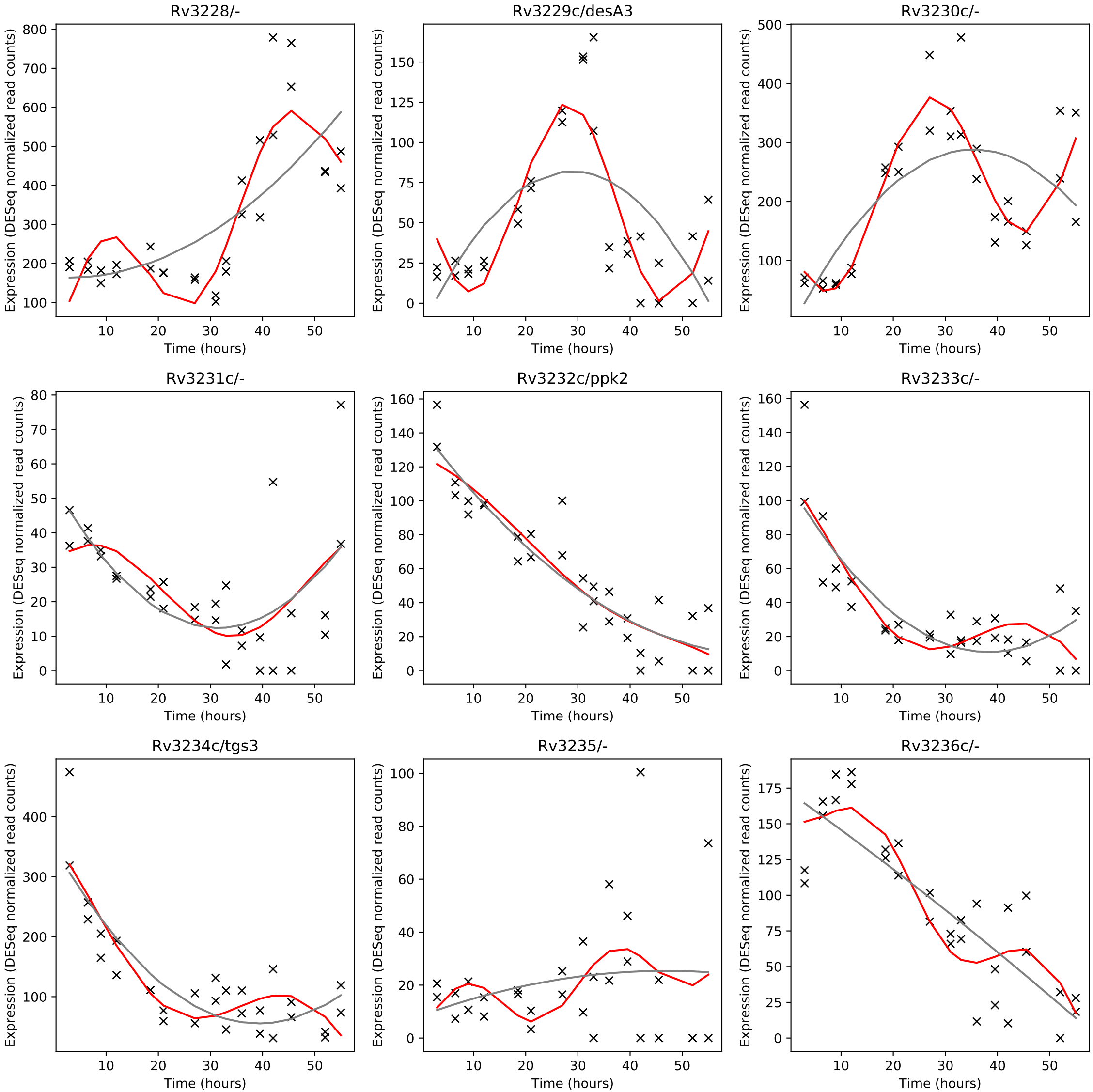

Rv3196A/-
Expression (DESeq normalized read counts)
Time (hours)

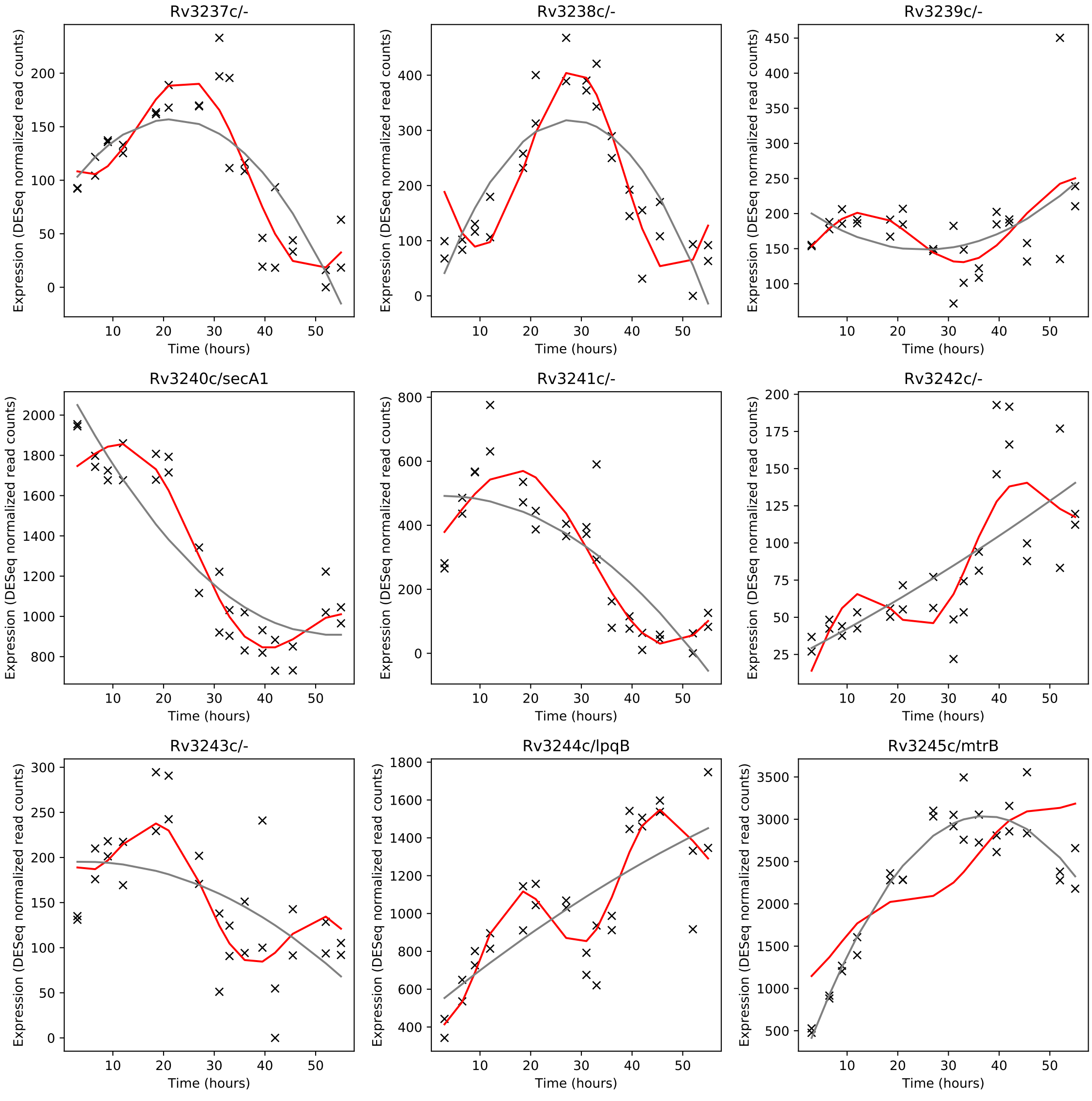

Rv3197/-
Rv3197A/whiB7
Rv3198c/uvrD2
Rv3198A/-
Rv3199c/nudC
Rv3200c/-
Rv3201c/-
Rv3202c/-
Rv3203/lipV
Expression (DESeq normalized read counts)
Time (hours)

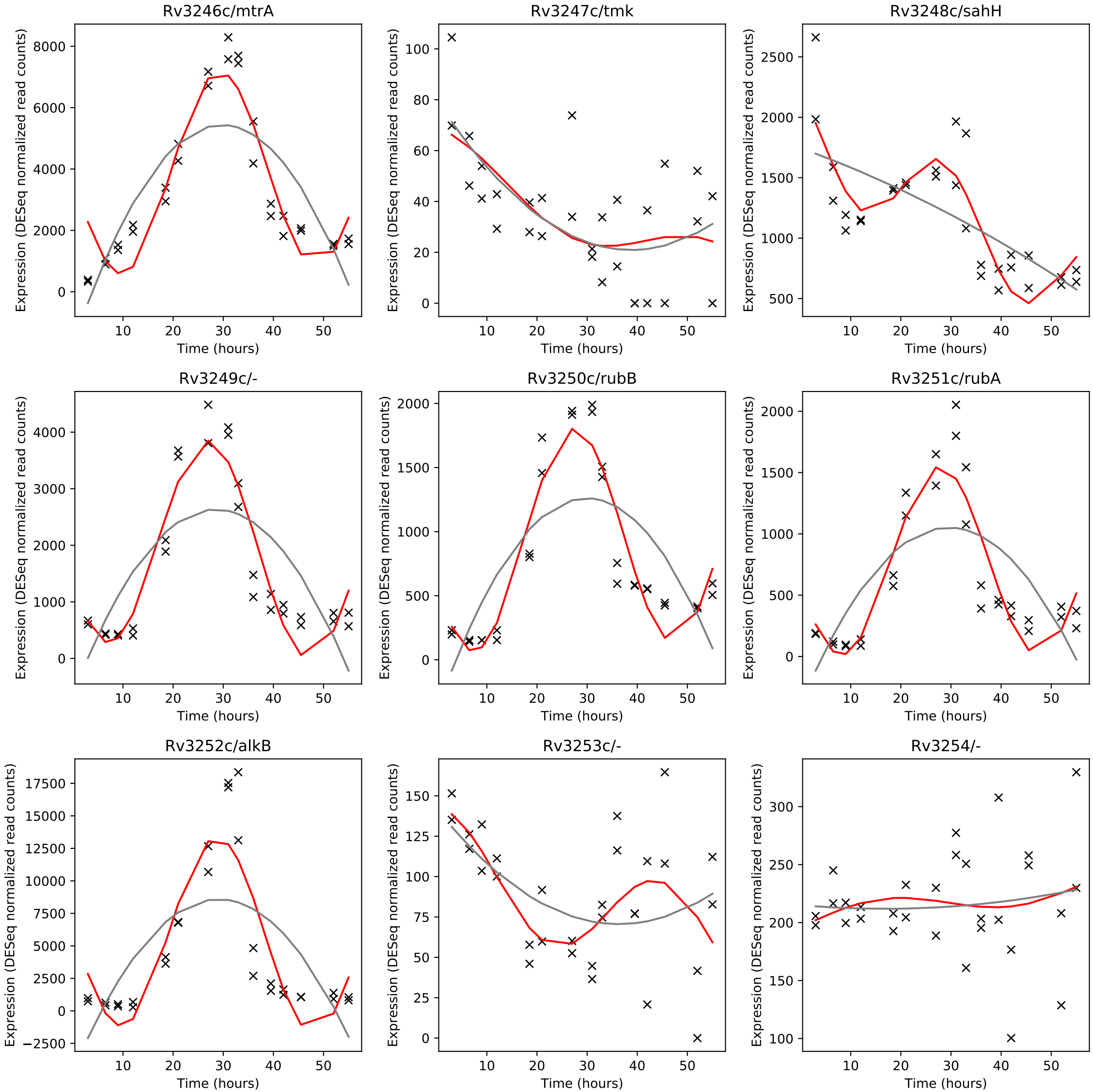

Rv3204/-
Rv3205c/-
Rv3206c/moeB1
Rv3207c/-
Rv3208/-
Rv3208A/TB9.4
Rv3209/-
Rv3210c/-
Rv3211/rhlE
Expression (DESeq normalized read counts)
Time (hours)

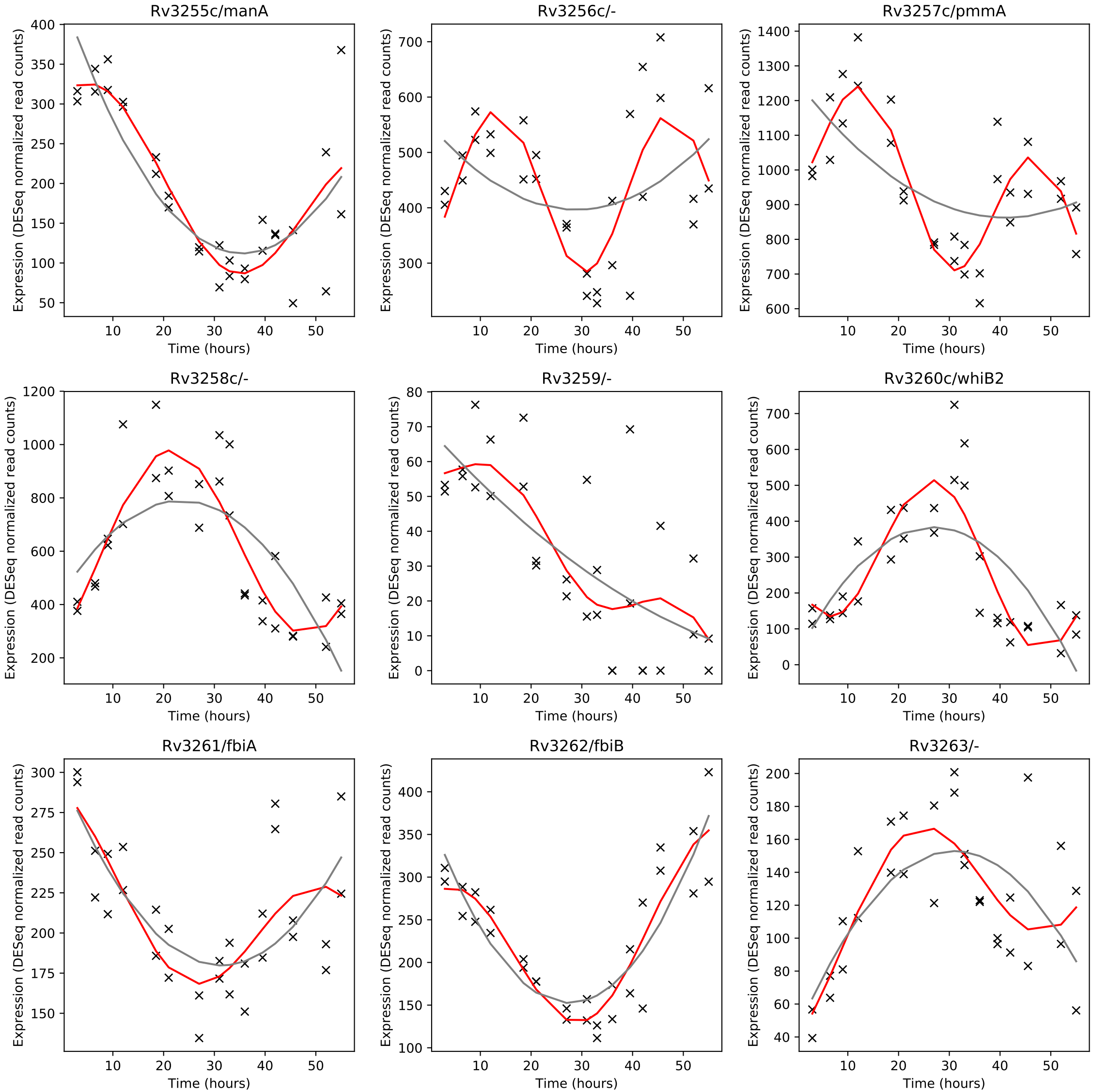

Rv3212/-
Rv3213c/-
Rv3214/gpm2
Rv3215/entC
Rv3217c/-
Rv3218/-
Rv3219/whiB1
Rv3220c/-
Rv3221c/TB7.3
Expression (DESeq normalized read counts)
Time (hours)

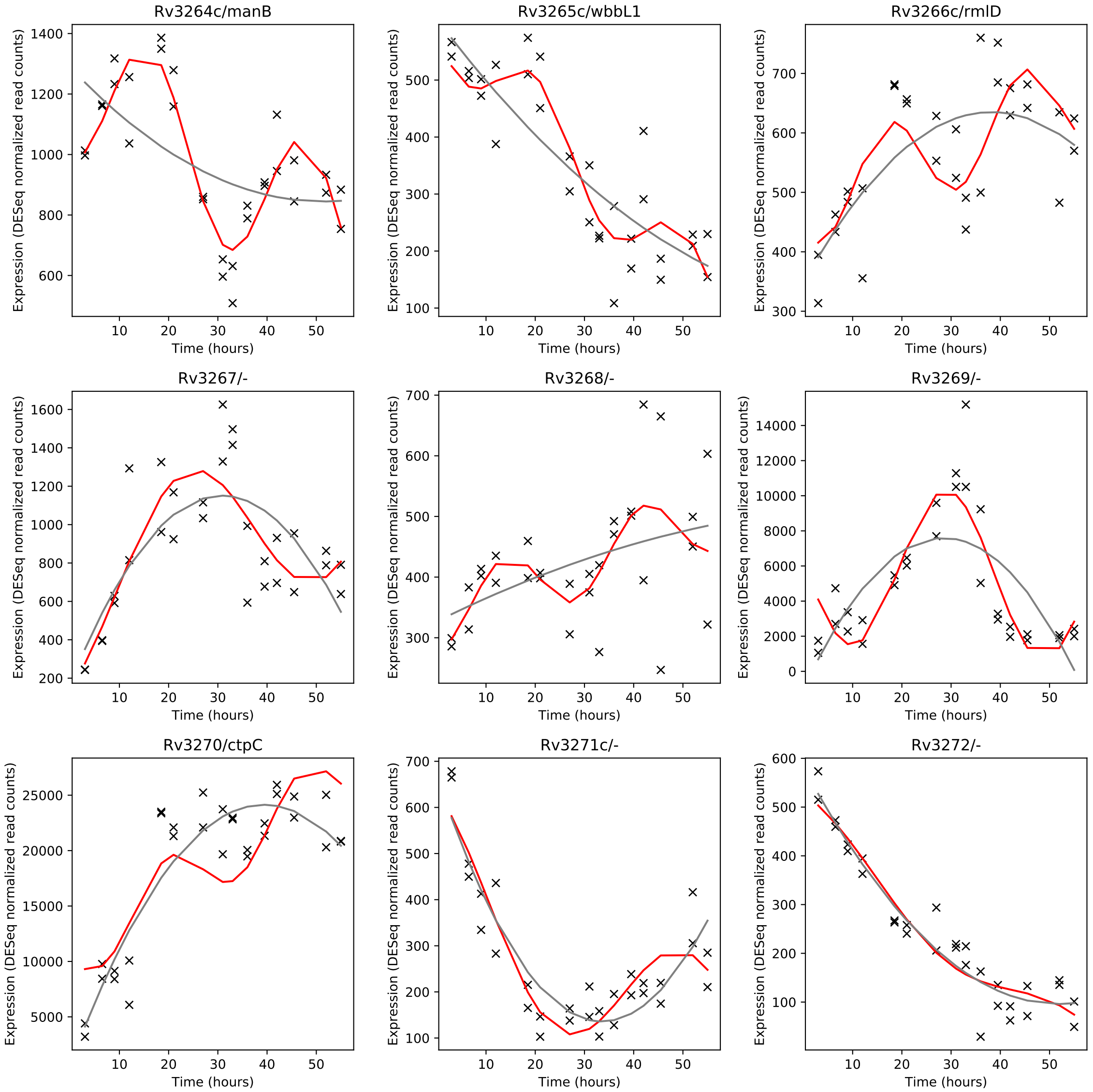

Rv3221A/rshA
Rv3222c/-
Rv3223c/sigH
Rv3224/-
Rv3224A/-
Rv3224B/-
Rv3225c/-
Rv3226c/-
Rv3227/aroA
Expression (DESeq normalized read counts)
Time (hours)

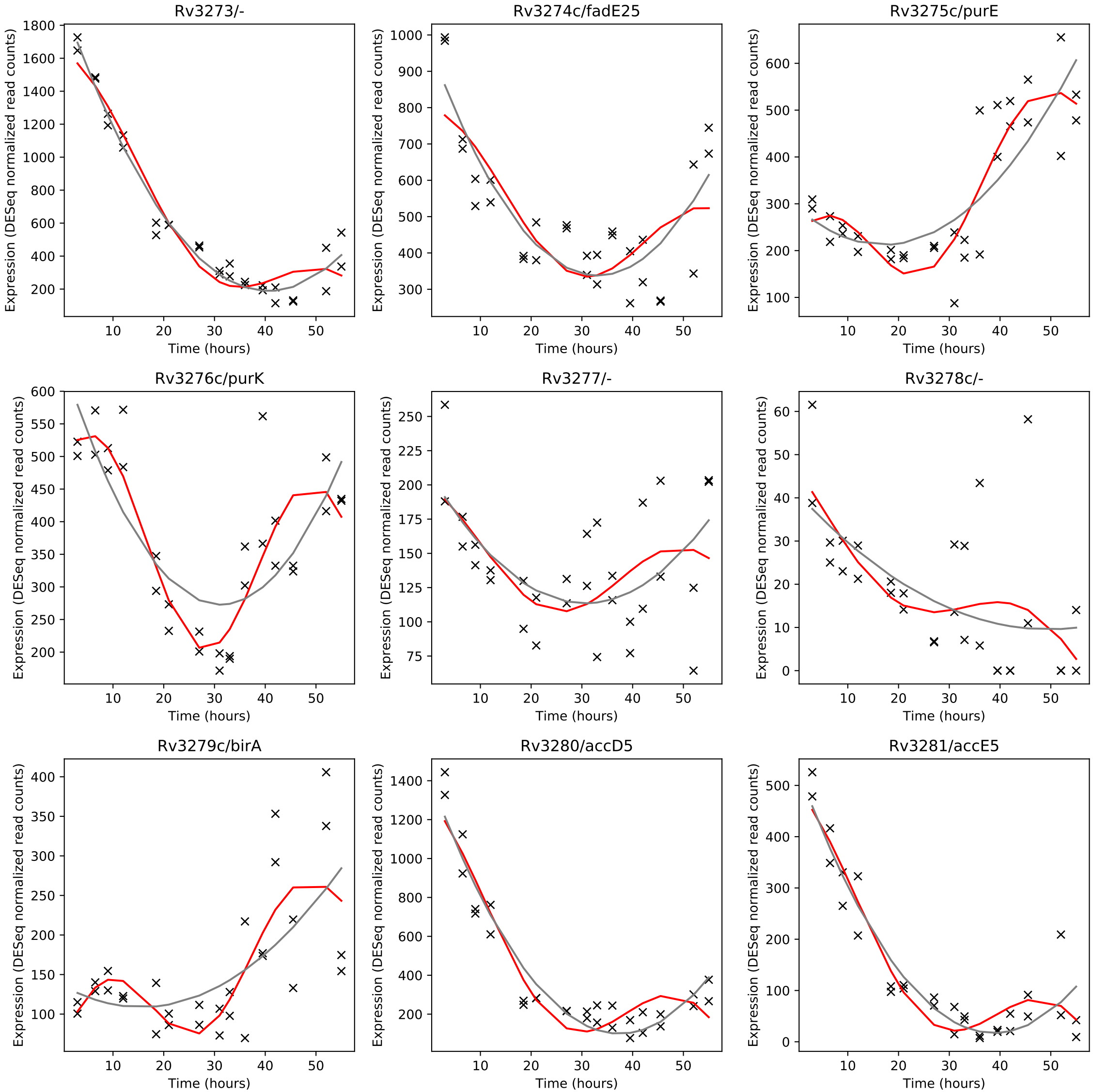

Rv3228/-
Rv3229c/desA3
Rv3230c/-
Rv3231c/-
Rv3232c/ppk2
Rv3233c/-
Rv3234c/tgs3
Rv3235/-
Rv3236c/-
Expression (DESeq normalized read counts)
Time (hours)

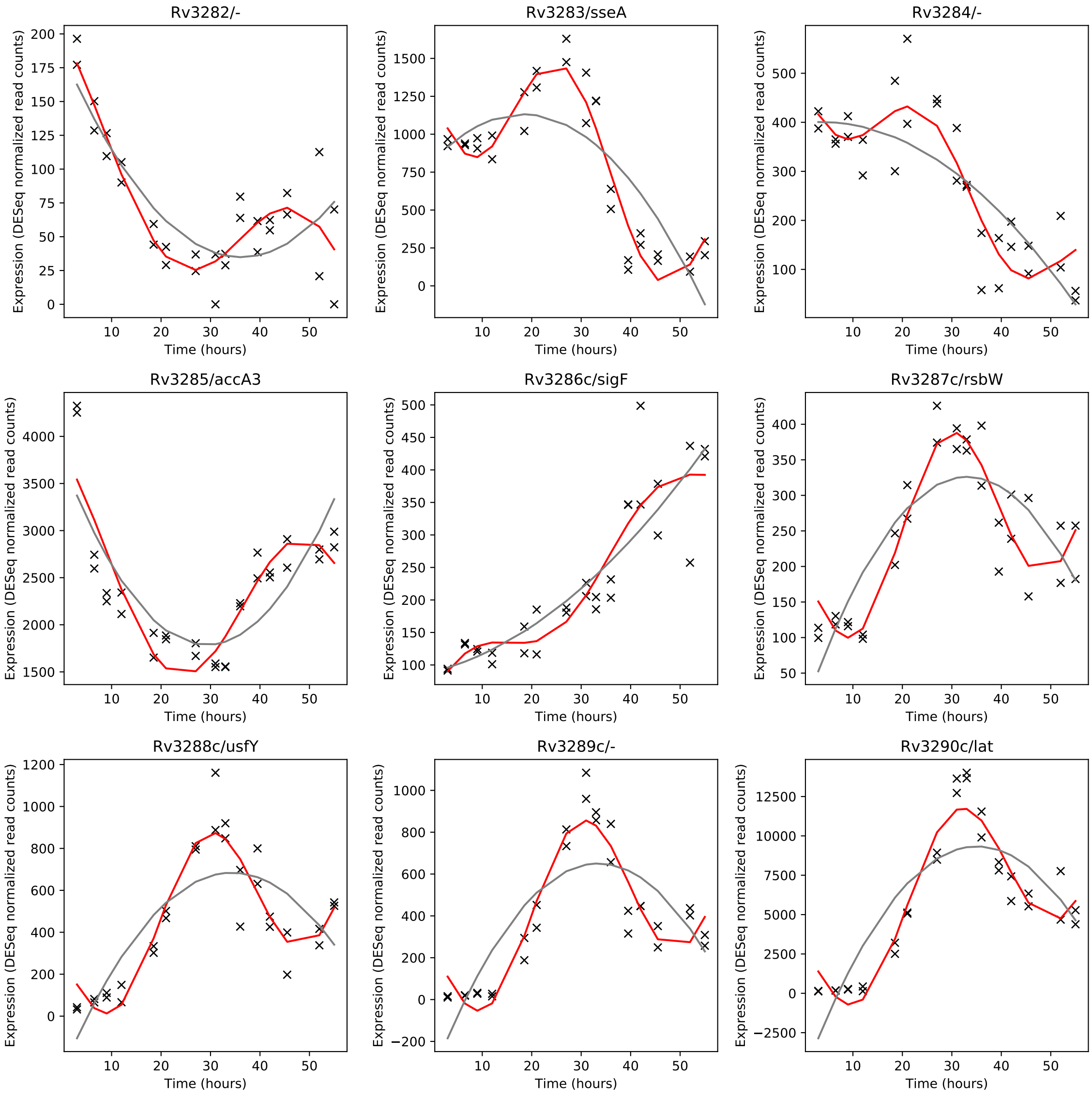

Rv3237c/-
Rv3238c/-
Rv3239c/-
Rv3240c/secA1
Rv3241c/-
Rv3242c/-
Rv3243c/-
Rv3244c/lpqB
Rv3245c/mtrB
Expression (DESeq normalized read counts)
Time (hours)

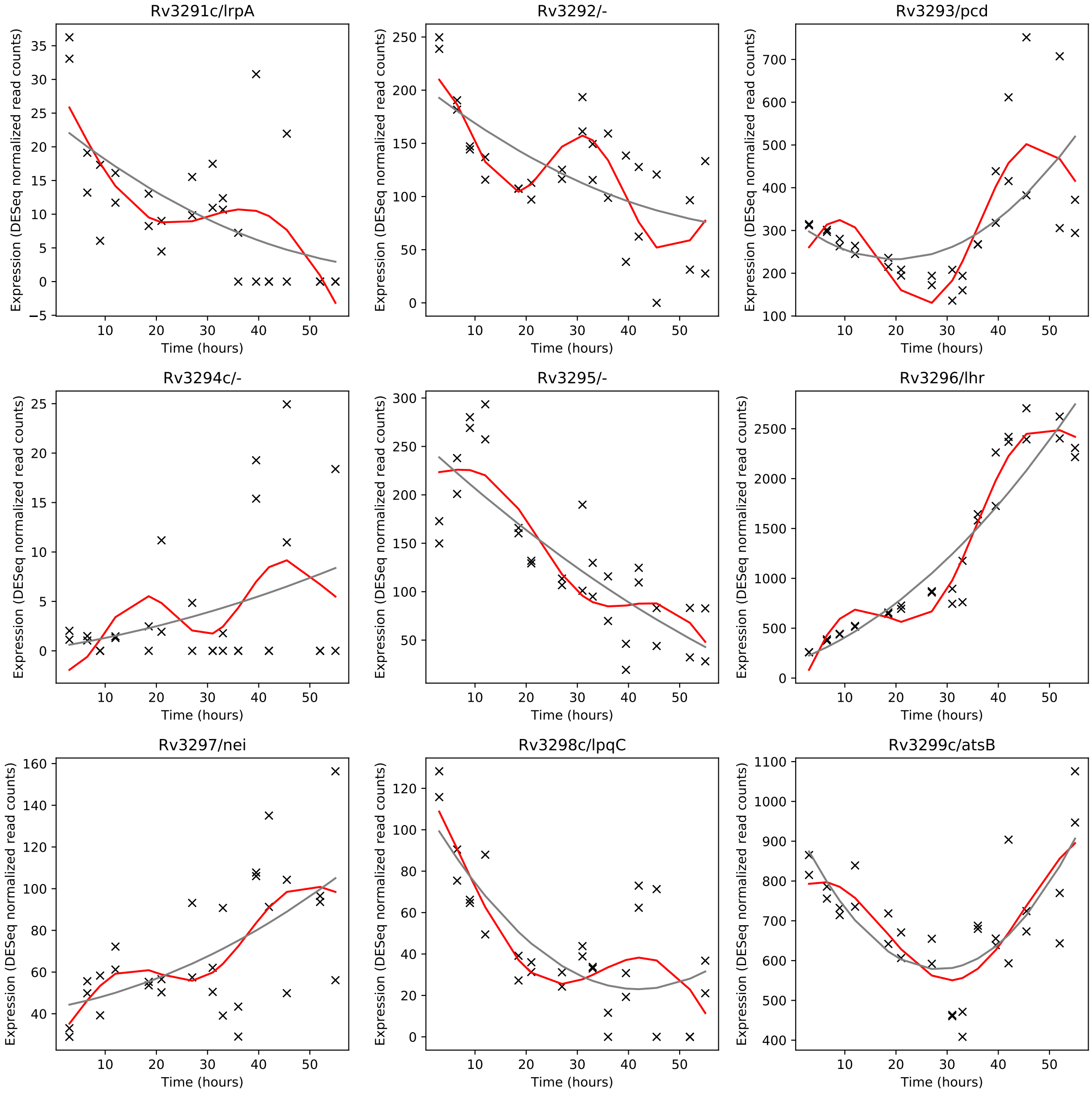

Rv3246c/mtrA
Rv3247c/tmk
Rv3248c/sahH
Rv3249c/-
Rv3250c/rubB
Rv3251c/rubA
Rv3252c/alkB
Rv3253c/-
Rv3254/-
Expression (DESeq normalized read counts)
Time (hours)

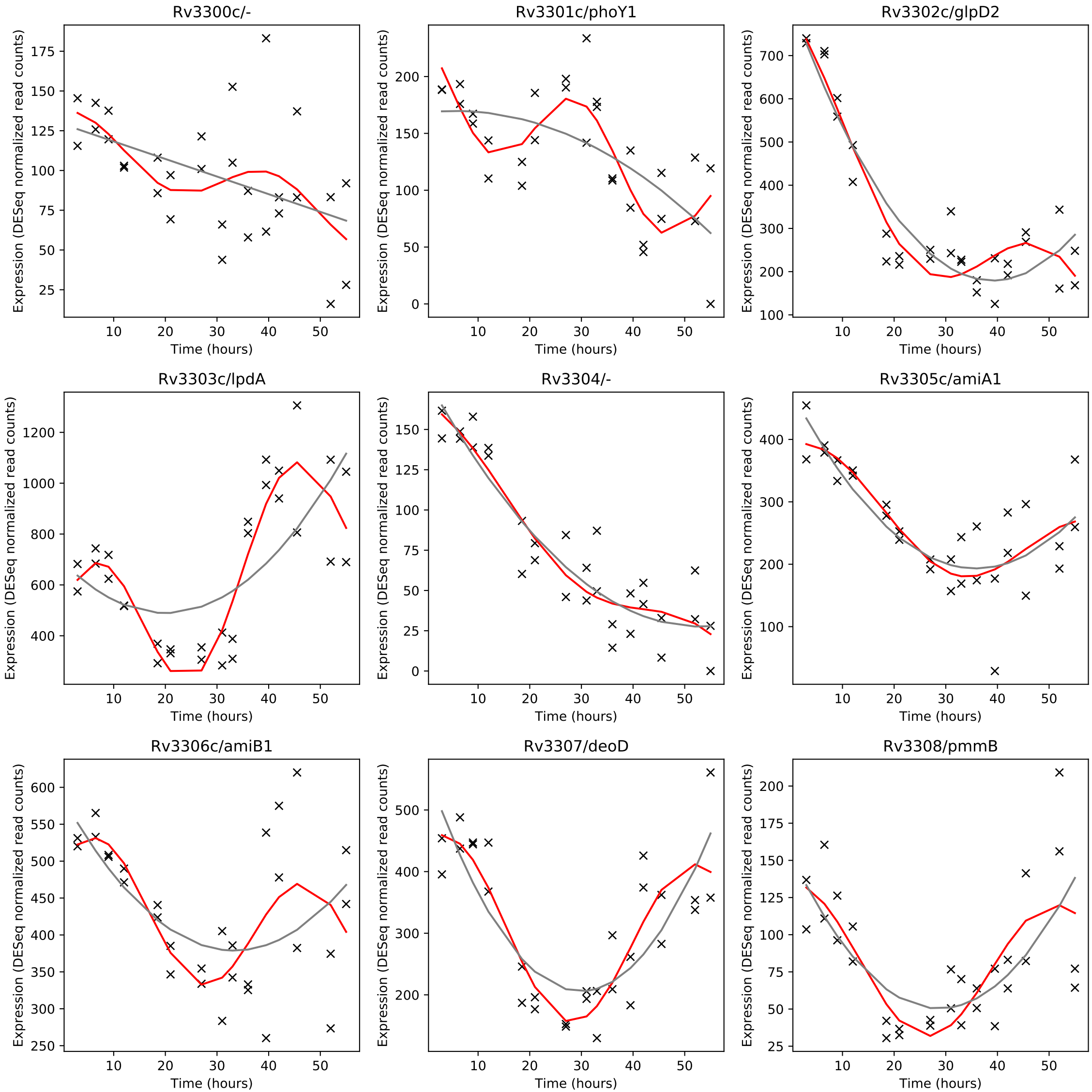

Rv3255c/manA
Rv3256c/-
Rv3257c/pmmA
Rv3258c/-
Rv3259/-
Rv3260c/whiB2
Rv3261/fbiA
Rv3262/fbiB
Rv3263/-
Expression (DESeq normalized read counts)
Time (hours)

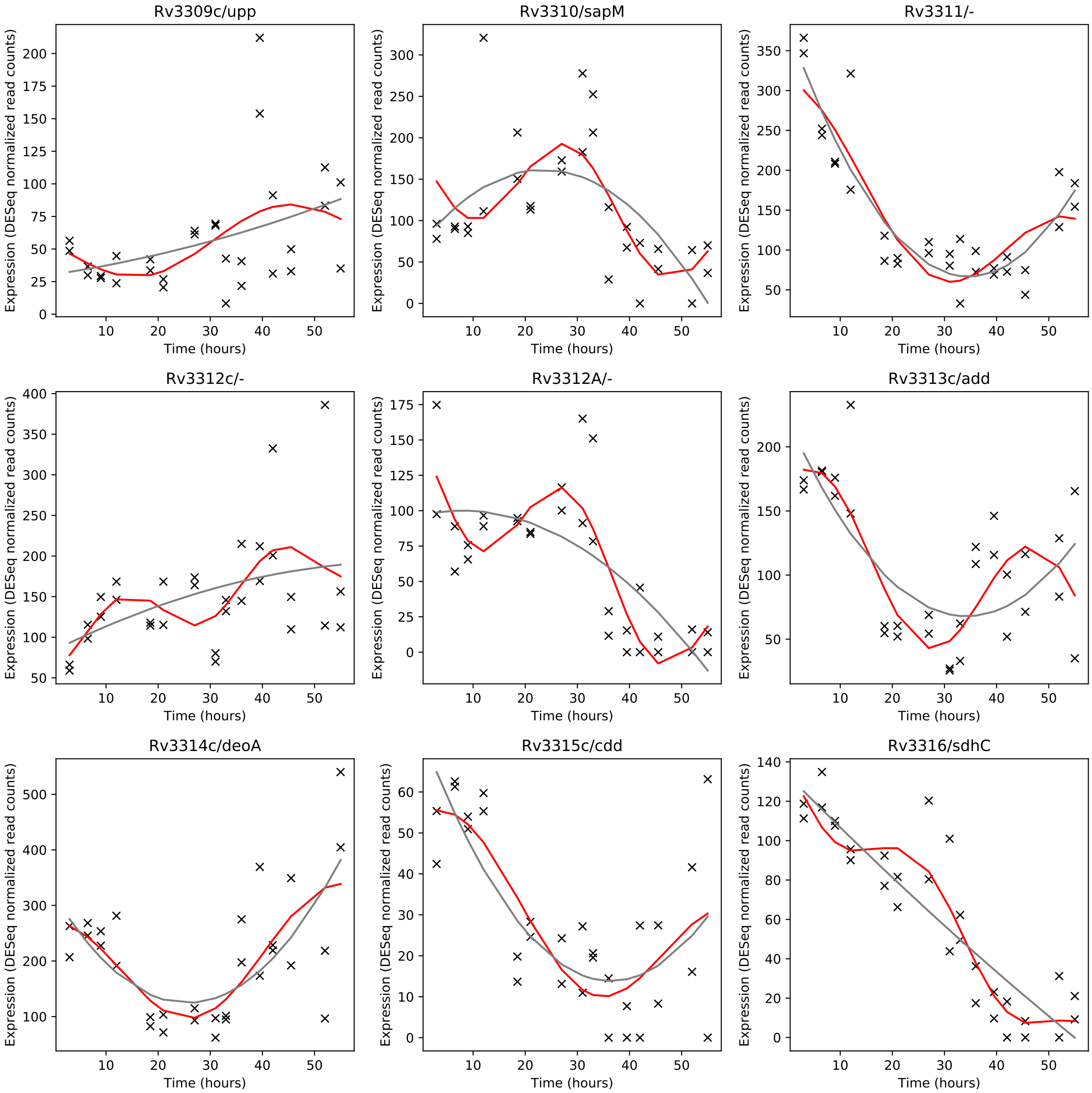

Rv3264c/manB
Rv3265c/wbbL1
Rv3266c/rmlD
Rv3267/-
Rv3268/-
Rv3269/-
Rv3270/ctpC
Rv3271c/-
Rv3272/-
Expression (DESeq normalized read counts)
Time (hours)

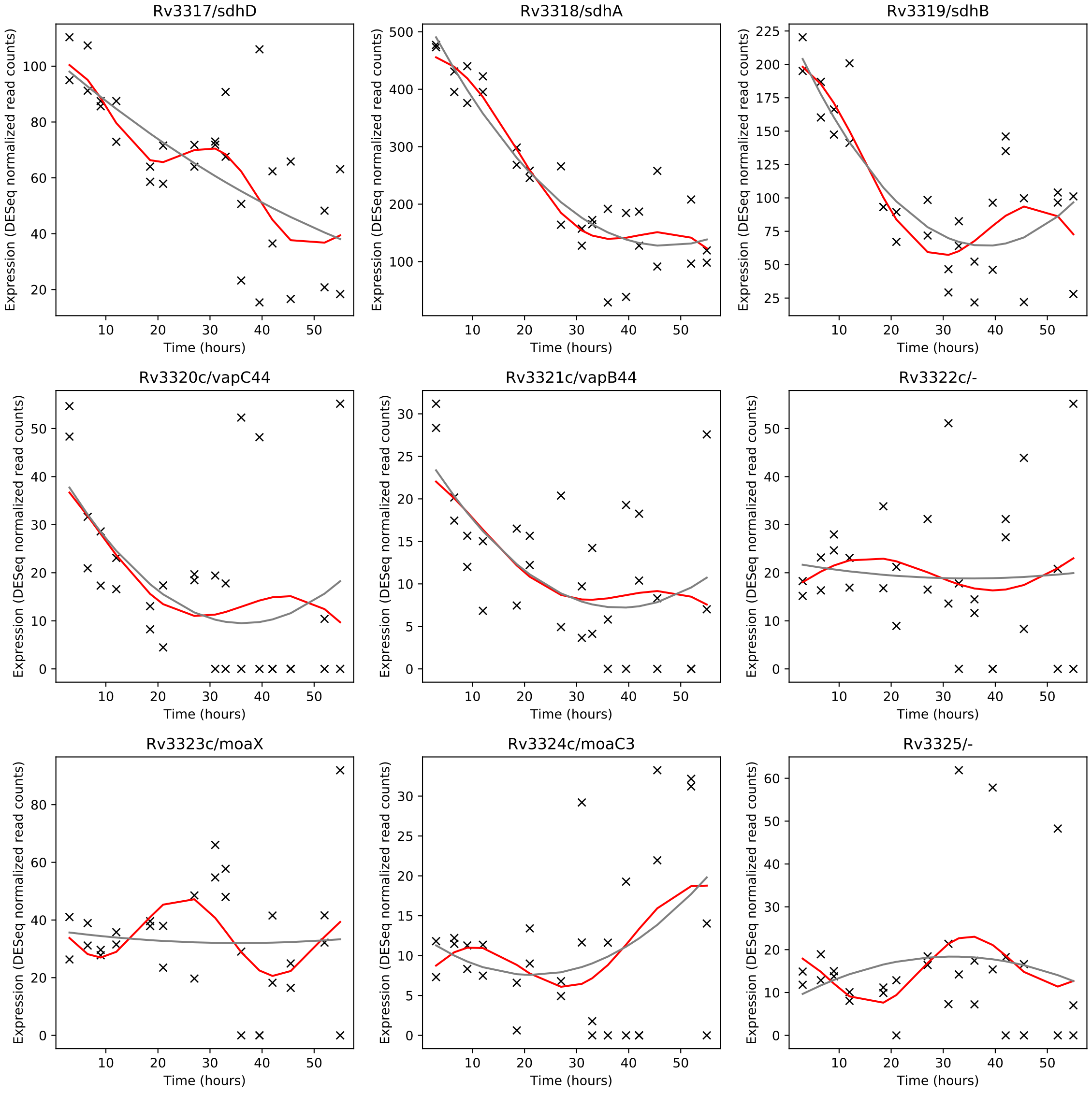

Rv3273/-
Rv3274c/fadE25
Rv3275c/purE
Rv3276c/purK
Rv3277/-
Rv3278c/-
Rv3279c/birA
Rv3280/accD5
Rv3281/accE5
Expression (DESeq normalized read counts)
Time (hours)

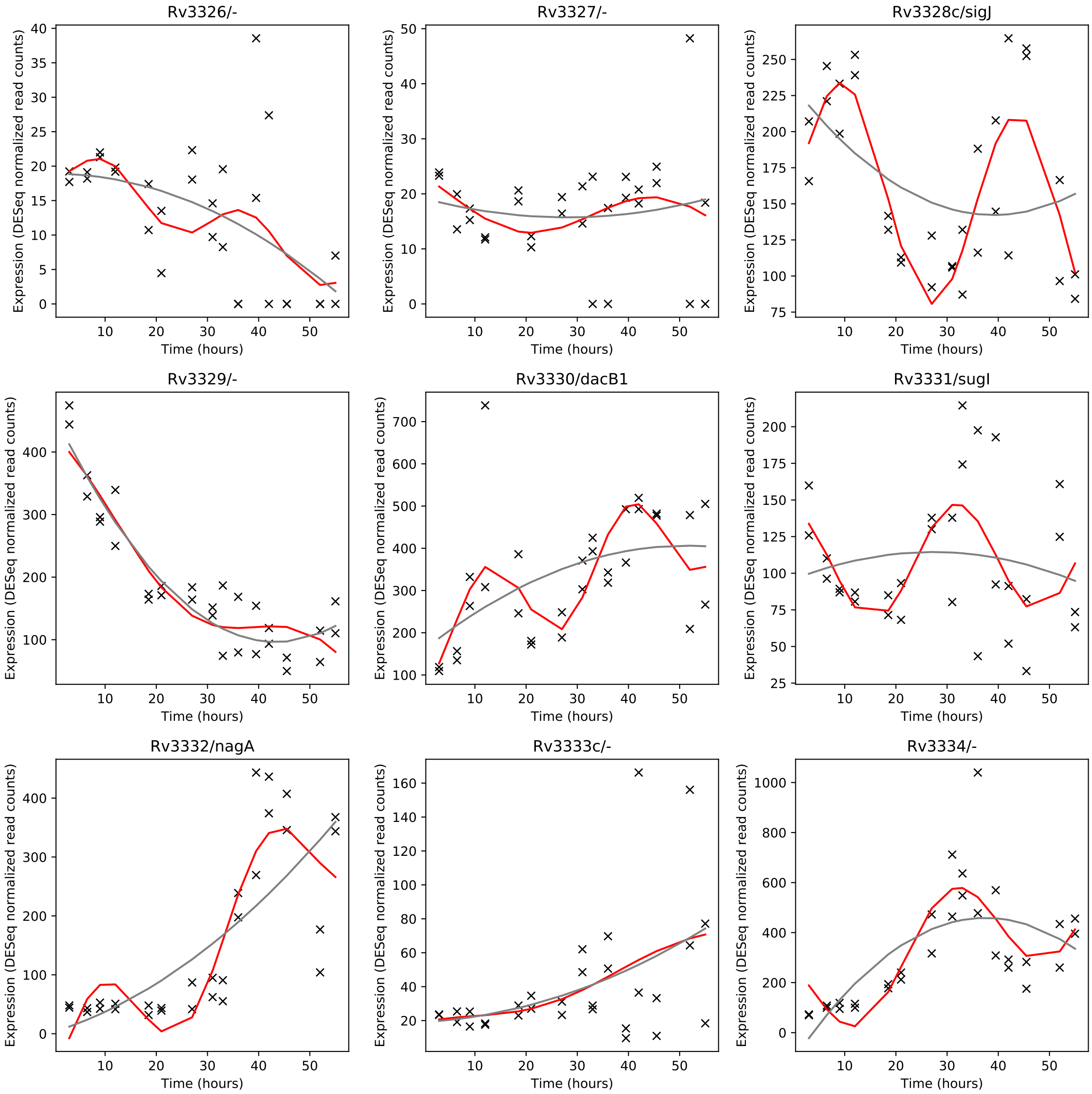

Rv3282/-
Rv3283/sseA
Rv3284/-
Rv3285/accA3
Rv3286c/sigF
Rv3287c/rsbW
Rv3288c/usfY
Rv3289c/-
Rv3290c/lat
Expression (DESeq normalized read counts)
Time (hours)

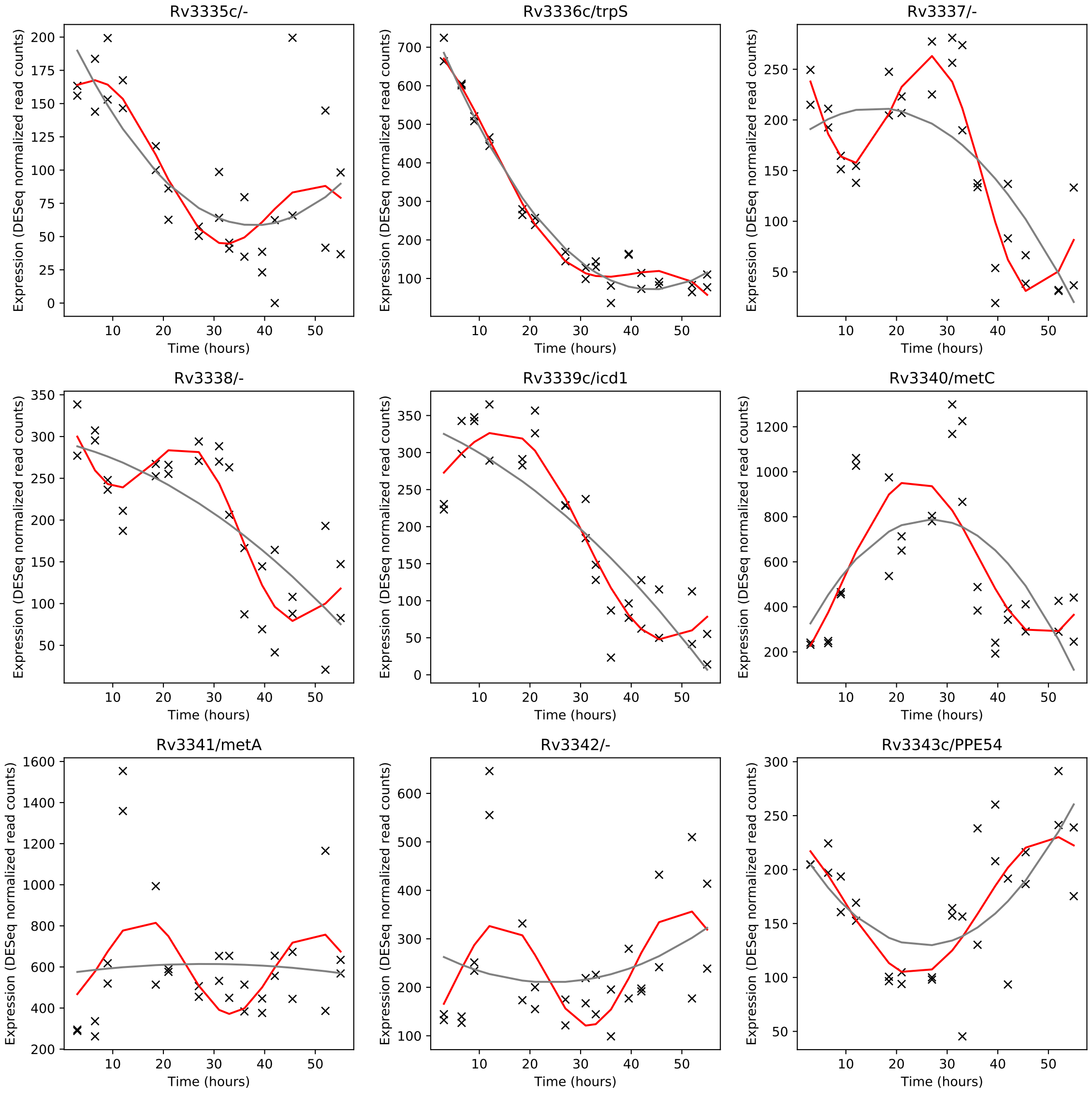

Rv3291c/lrpA
Rv3292/-
Rv3293/pcd
Rv3294c/-
Rv3295/-
Rv3296/lhr
Rv3297/nei
Rv3298c/lpqC
Rv3299c/atsB
Expression (DESeq normalized read counts)
Time (hours)

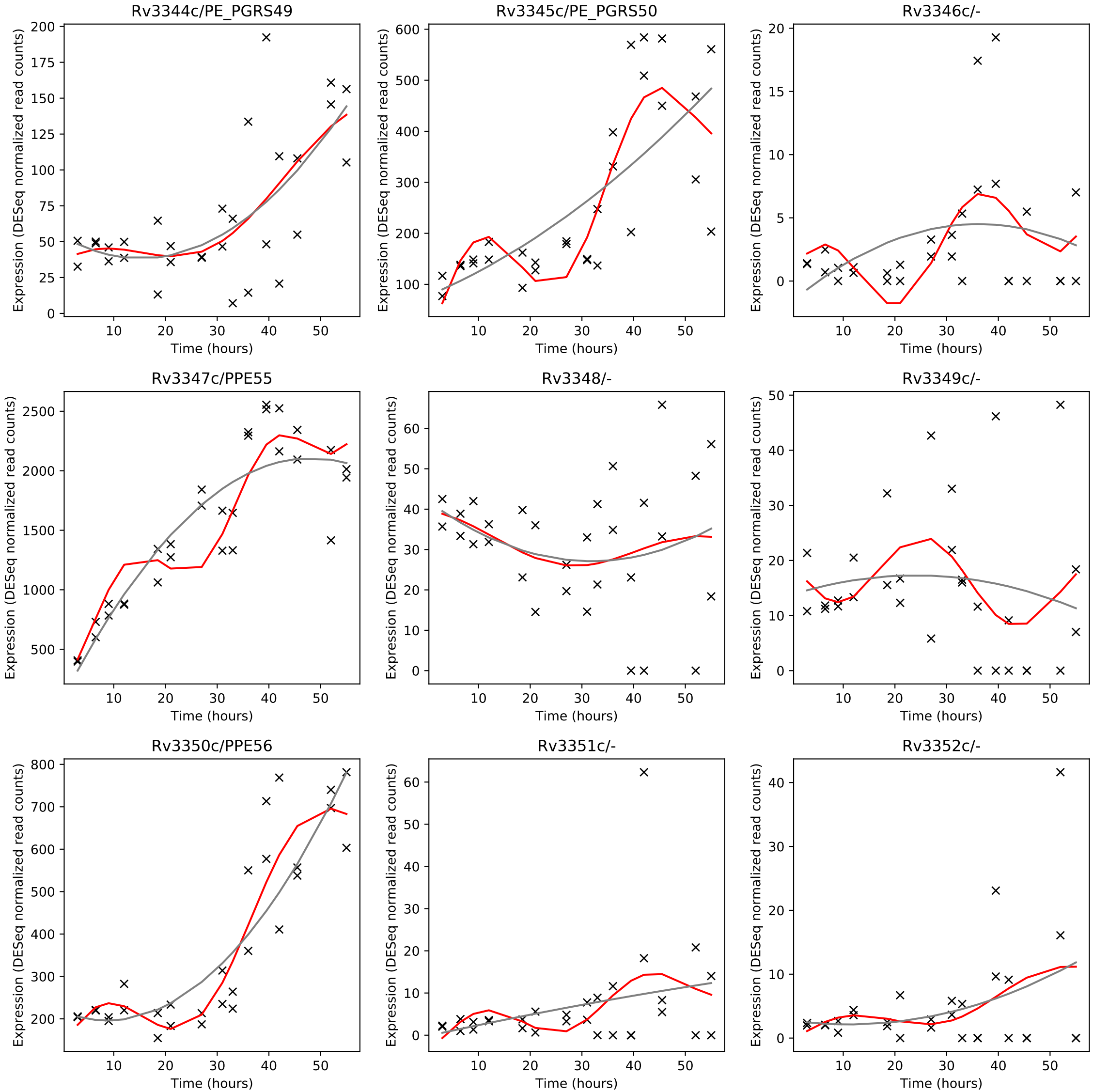

Rv3300c/-
Rv3301c/phoY1
Rv3302c/glpD2
Rv3303c/lpdA
Rv3304/-
Rv3305c/amiA1
Rv3306c/amiB1
Rv3307/deoD
Rv3308/pmmB
Expression (DESeq normalized read counts)
Time (hours)

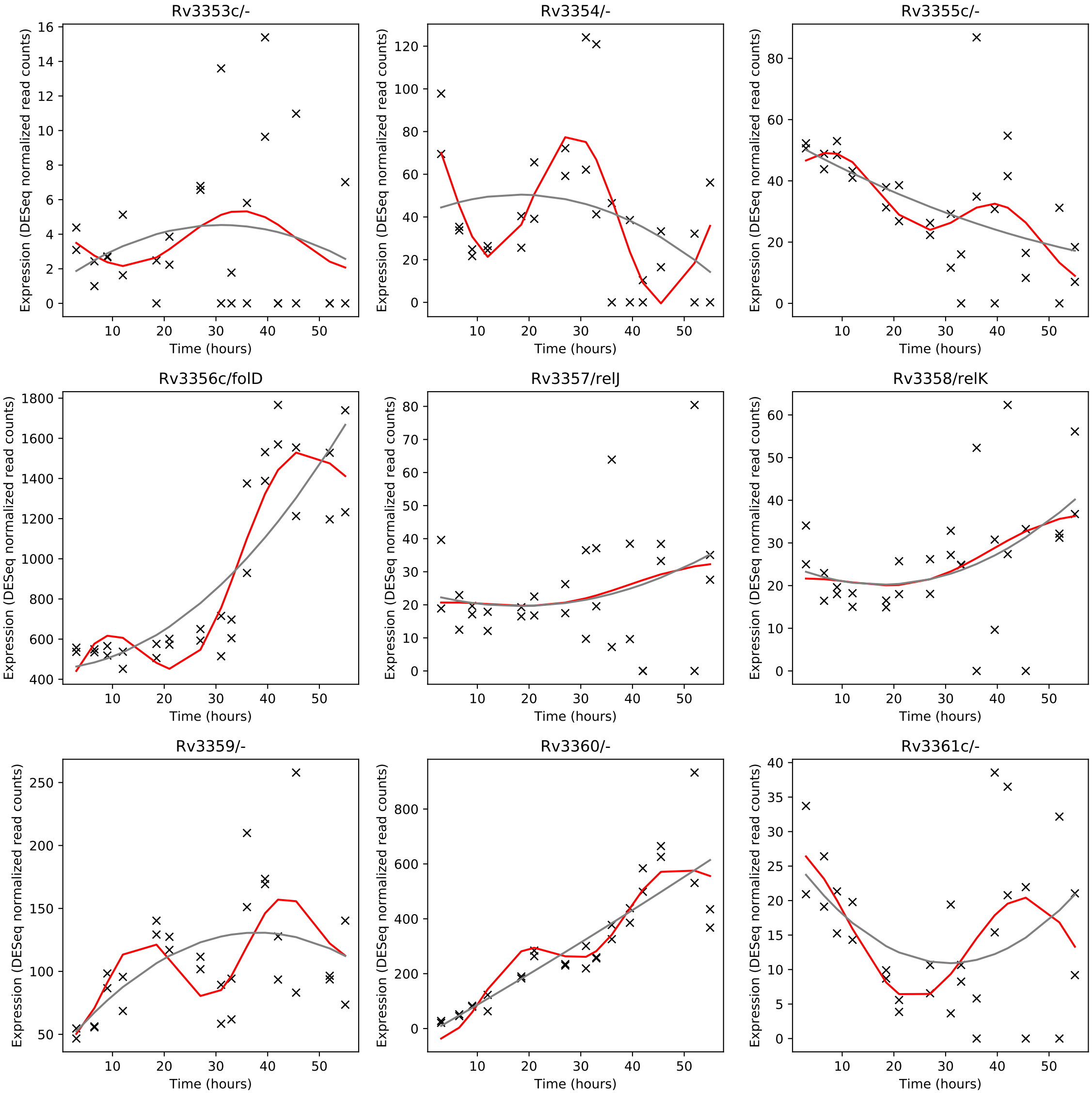

Rv3309c/upp
Rv3310/sapM
Rv3311/-
Rv3312c/-
Rv3312A/-
Rv3313c/add
Rv3314c/deoA
Rv3315c/cdd
Rv3316/sdhC
Expression (DESeq normalized read counts)
Time (hours)

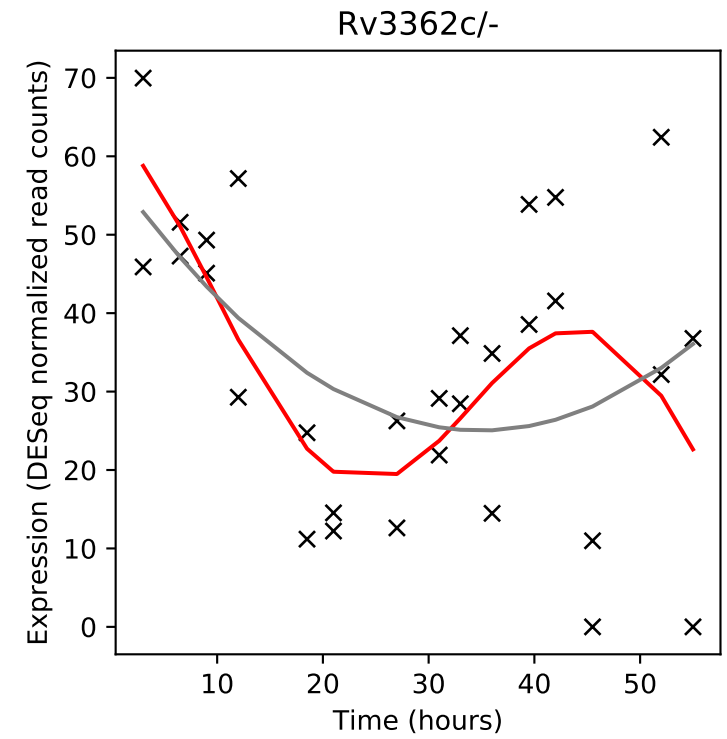

Rv3317/sdhD
Rv3318/sdhA
Rv3319/sdhB
Rv3320c/vapC44
Rv3321c/vapB44
Rv3322c/-
Rv3323c/moaX
Rv3324c/moaC3
Rv3325/-
Expression (DESeq normalized read counts)
Time (hours)

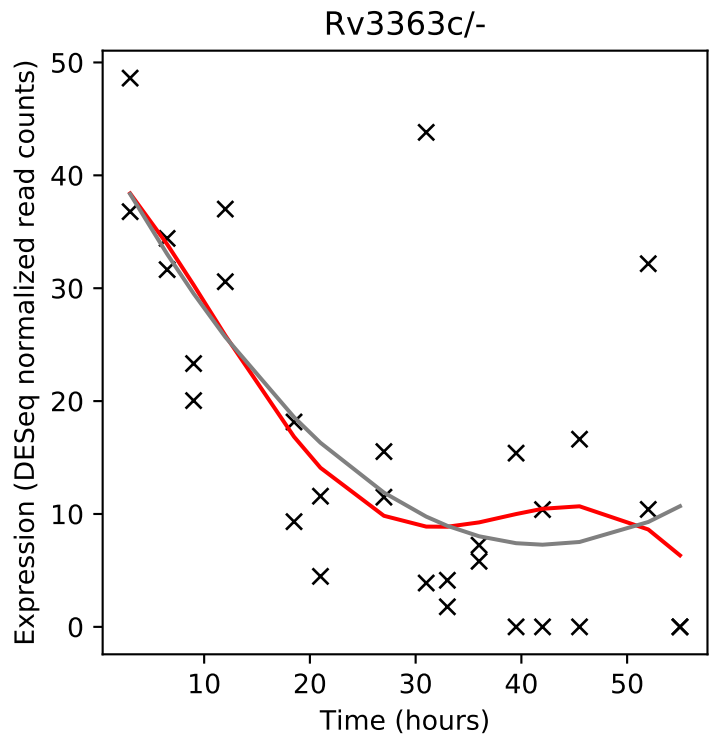

Rv3326/-
Rv3327/-
Rv3328c/sigJ
Rv3329/-
Rv3330/dacB1
Rv3331/sugI
Rv3332/nagA
Rv3333c/-
Rv3334/-
Expression (DESeq normalized read counts)
Time (hours)

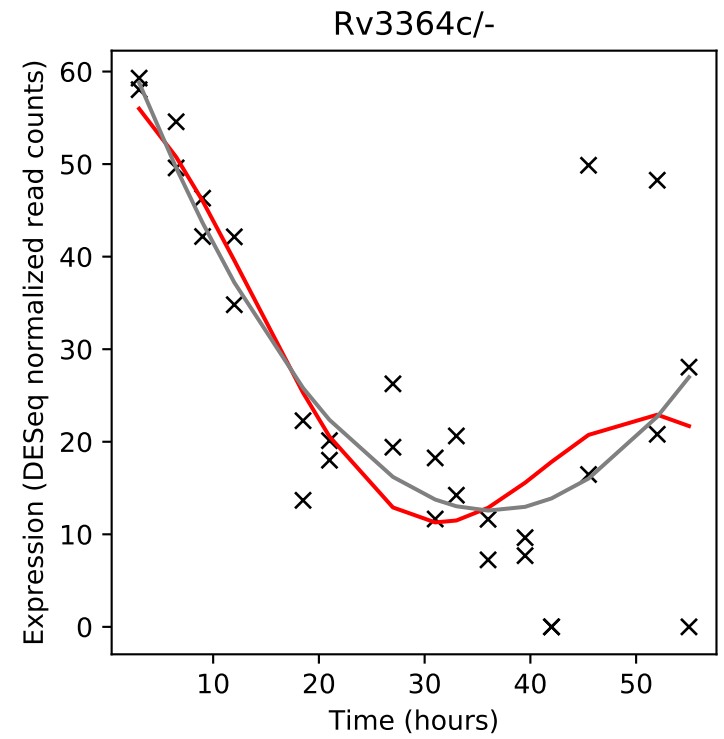

Rv3335c/-
Rv3336c/trpS
Rv3337/-
Rv3338/-
Rv3339c/icd1
Rv3340/metC
Rv3341/metA
Rv3342/-
Rv3343c/PPE54
Expression (DESeq normalized read counts)
Time (hours)

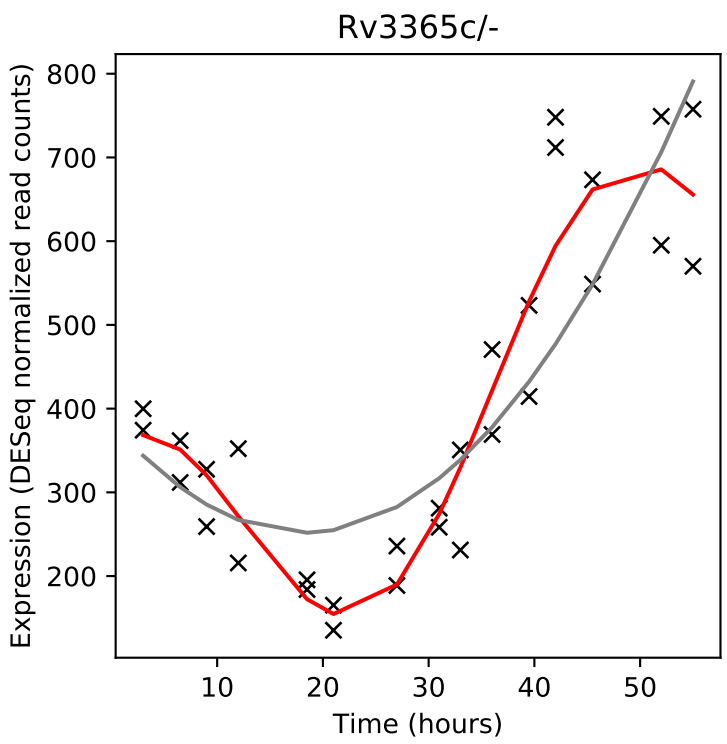

Rv3344c/PE_PGRS49
Rv3345c/PE_PGRS50
Rv3346c/-
Rv3347c/PPE55
Rv3348/-
Rv3349c/-
Rv3350c/PPE56
Rv3351c/-
Rv3352c/-
Expression (DESeq normalized read counts)
Time (hours)

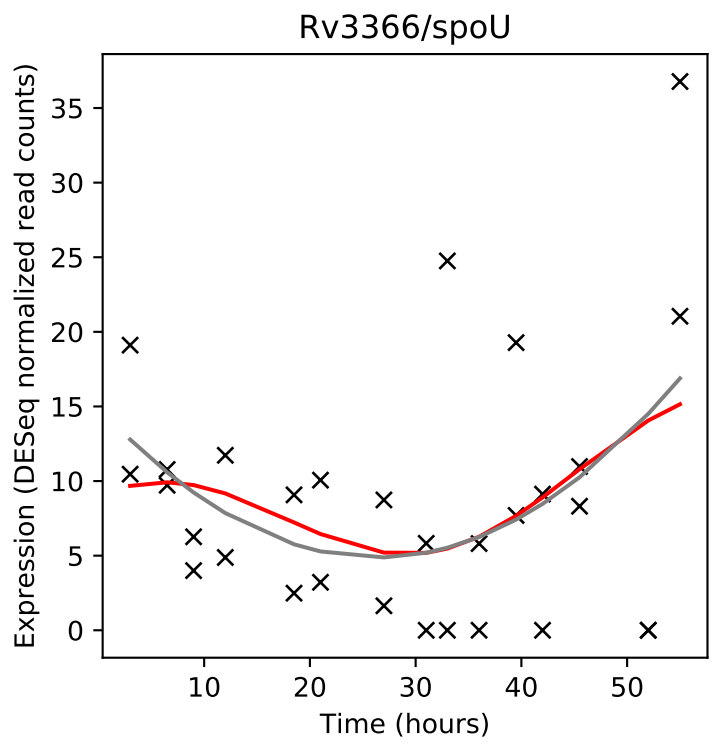

Rv3353c/-
Rv3354/-
Rv3355c/-
Rv3356c/folD
Rv3357/relJ
Rv3358/relK
Rv3359/-
Rv3360/-
Rv3361c/-
Expression (DESeq normalized read counts)
Time (hours)

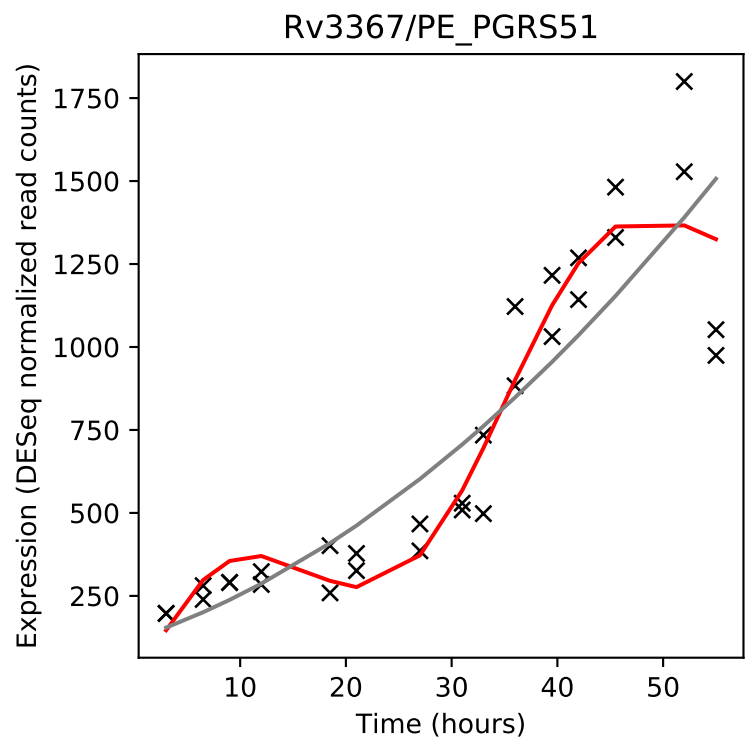

Rv3362c/-
Expression (DESeq normalized read counts)
Time (hours)

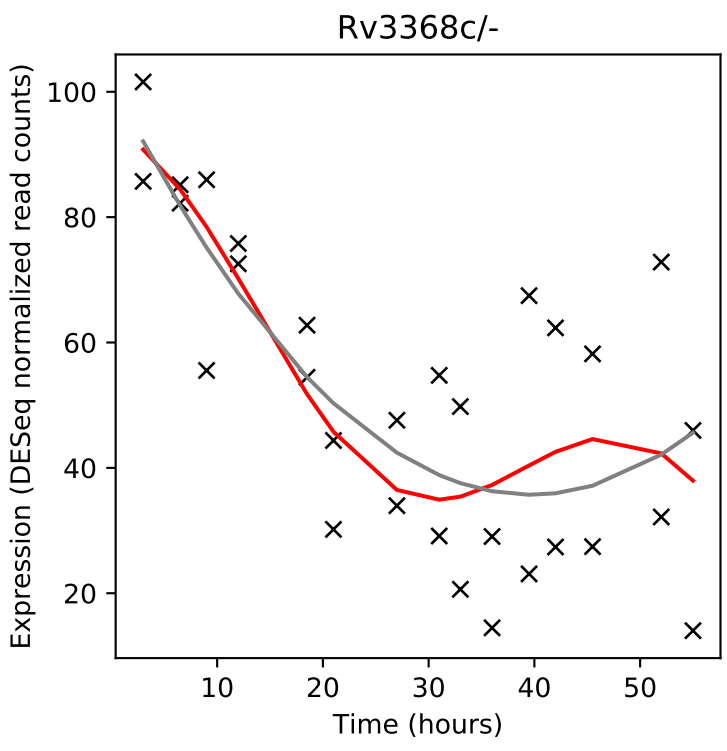

Rv3363c/-
Expression (DESeq normalized read counts)
Time (hours)

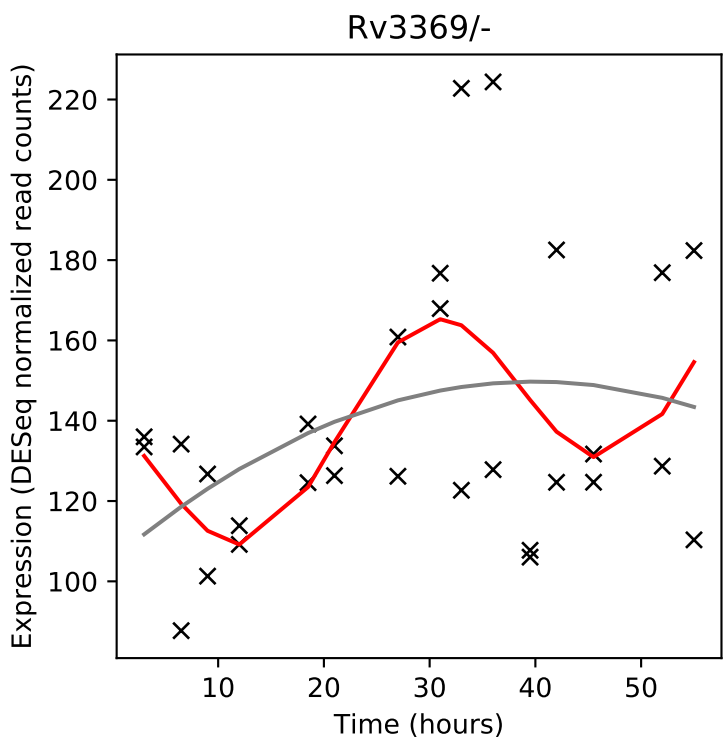

Rv3364c/-
Expression (DESeq normalized read counts)
Time (hours)

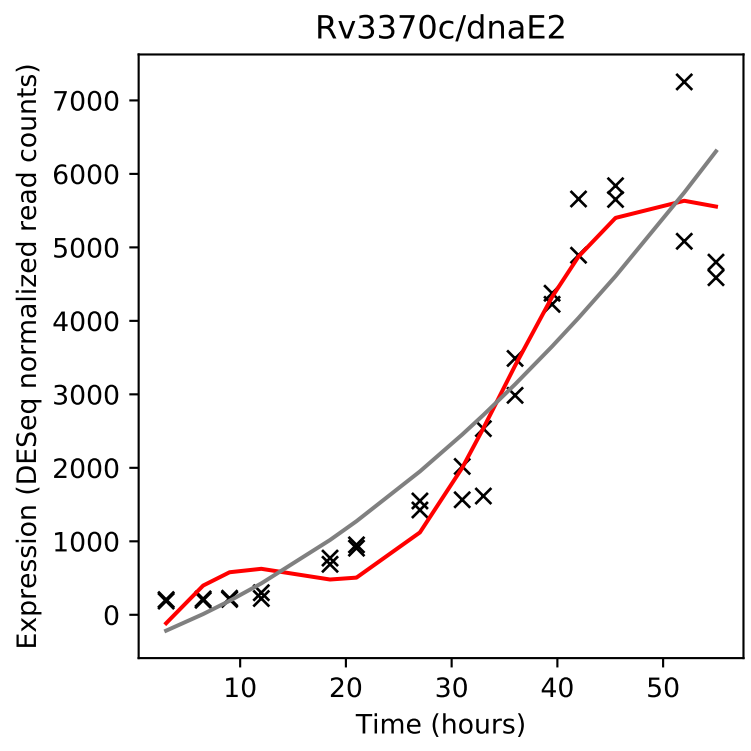

Rv3365c/-
Expression (DESeq normalized read counts)
Time (hours)

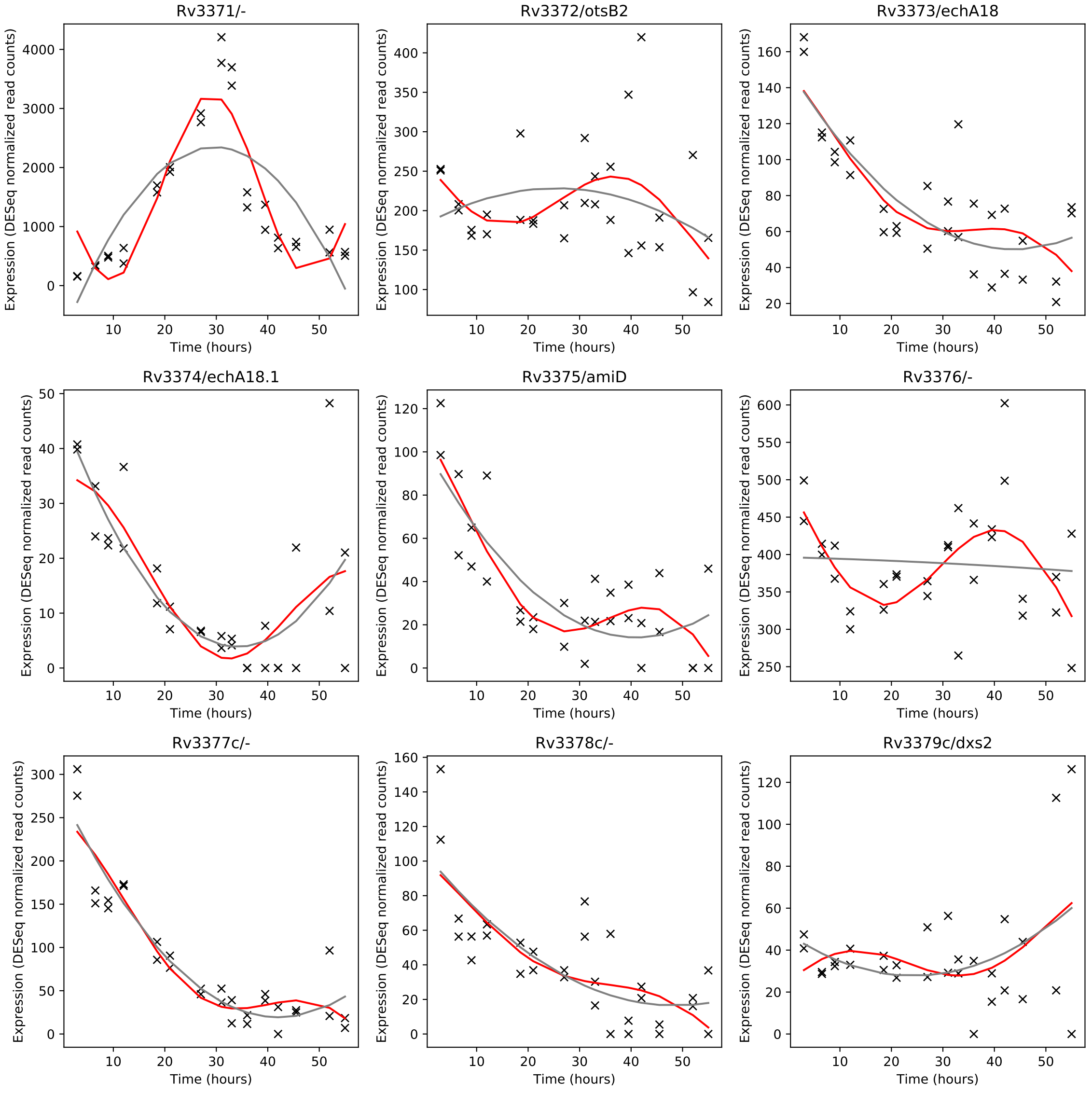

Rv3366/spoU
Expression (DESeq normalized read counts)
Time (hours)

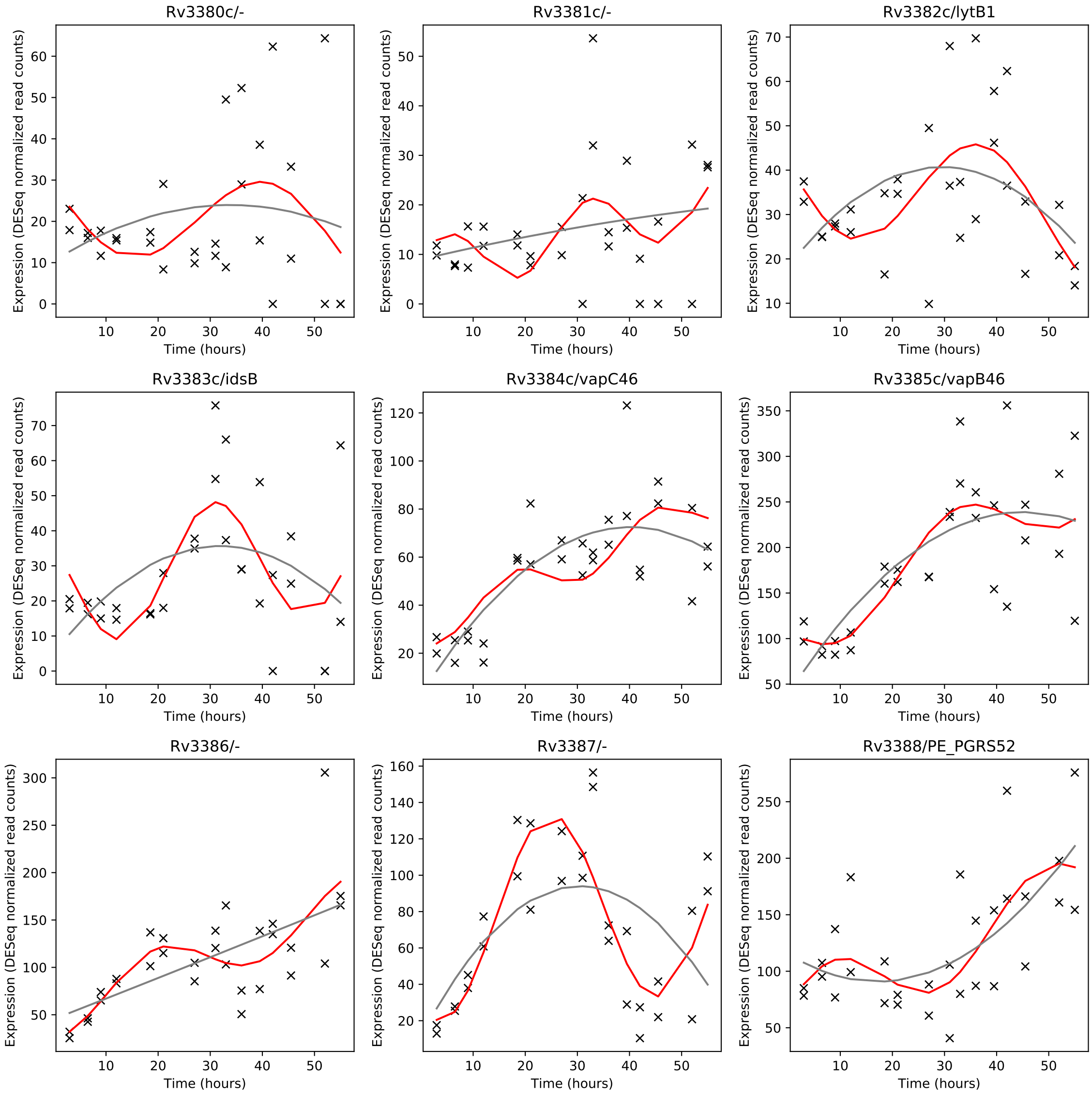

Rv3367/PE_PGRS51
Expression (DESeq normalized read counts)
Time (hours)

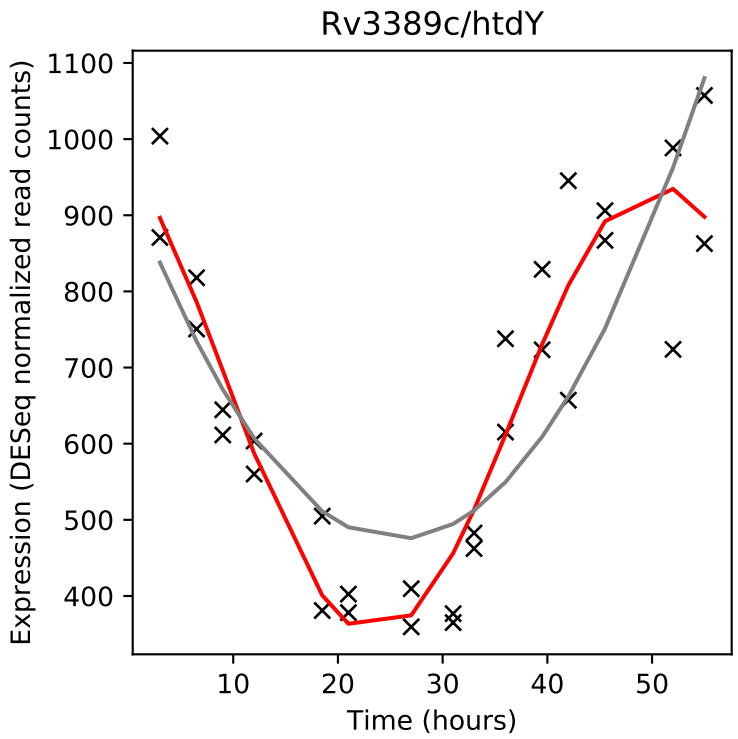

Rv3368c/-
Expression (DESeq normalized read counts)
Time (hours)

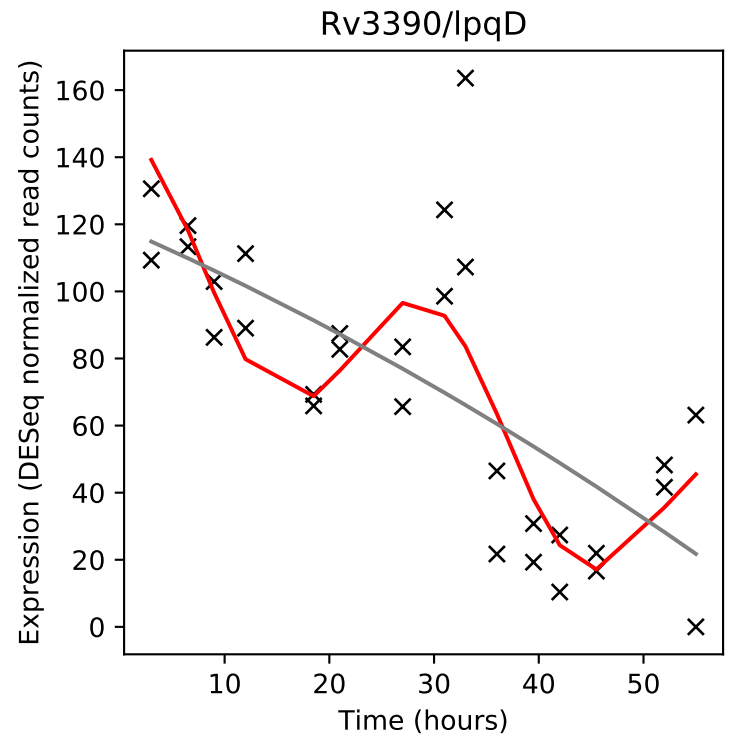

Rv3369/-
Expression (DESeq normalized read counts)
Time (hours)

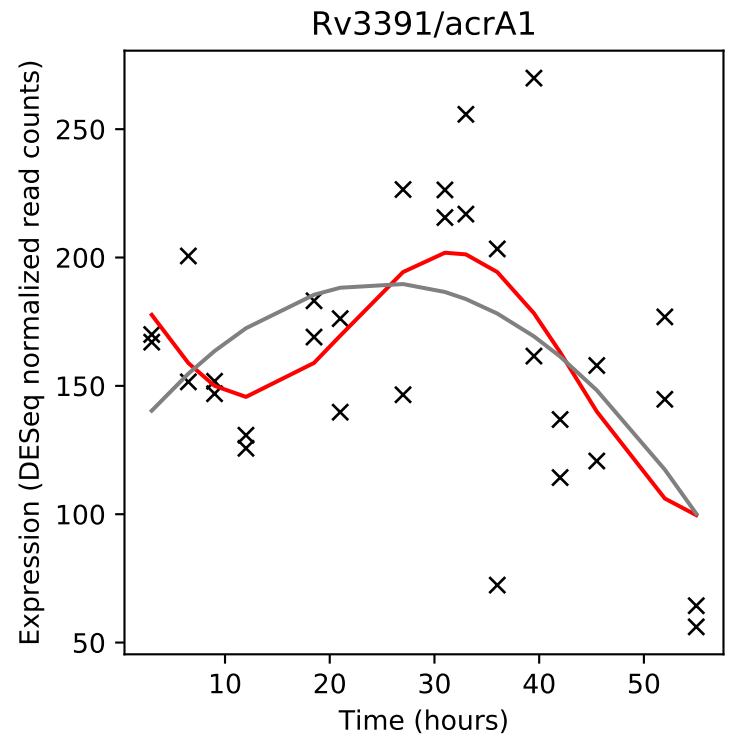

Rv3370c/dnaE2
Expression (DESeq normalized read counts)
Time (hours)

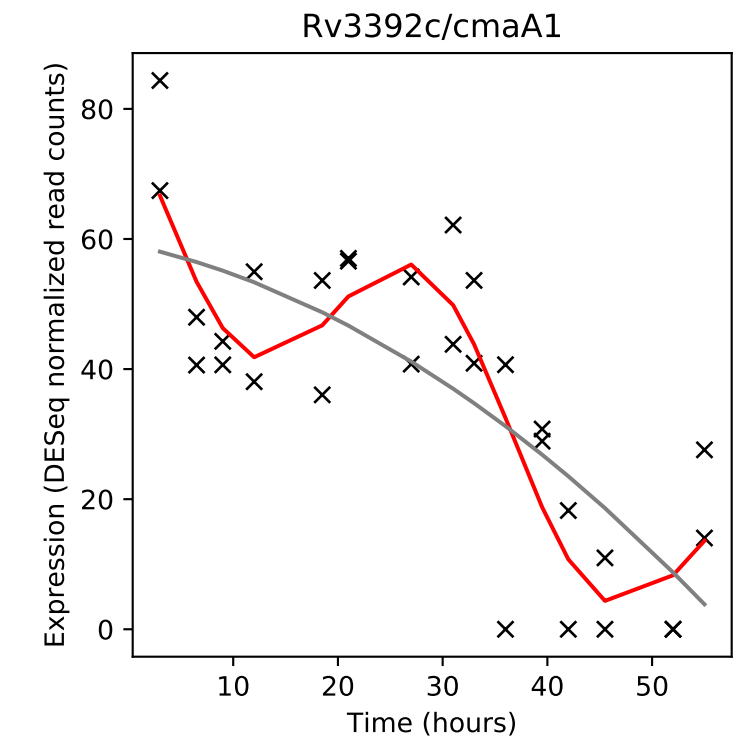

Rv3371/-
Rv3372/otsB2
Rv3373/echA18
Rv3374/echA18.1
Rv3375/amiD
Rv3376/-
Rv3377c/-
Rv3378c/-
Rv3379c/dxs2
Expression (DESeq normalized read counts)
Time (hours)

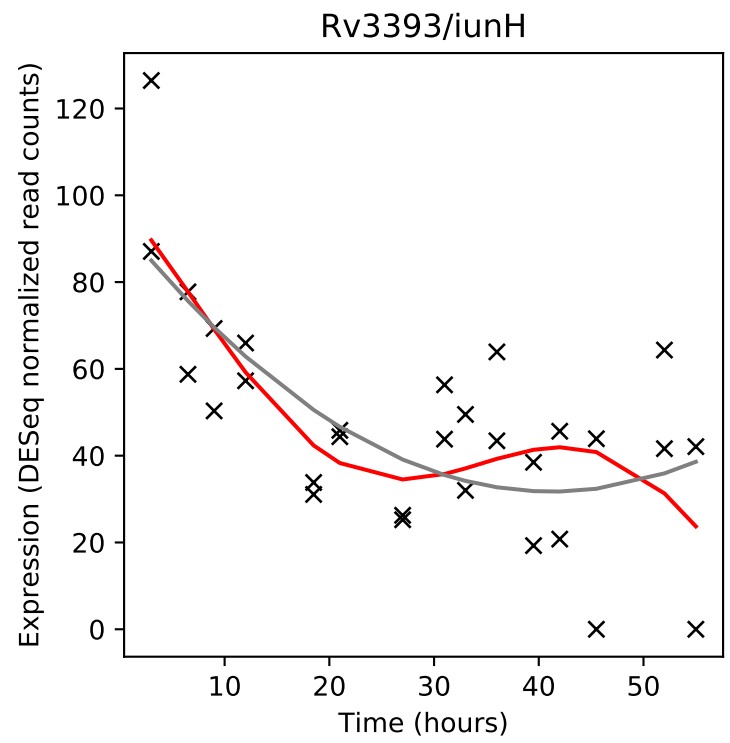

Rv3380c/-
Rv3381c/-
Rv3382c/lytB1
Rv3383c/idsB
Rv3384c/vapC46
Rv3385c/vapB46
Rv3386/-
Rv3387/-
Rv3388/PE_PGRS52
Expression (DESeq normalized read counts)
Time (hours)

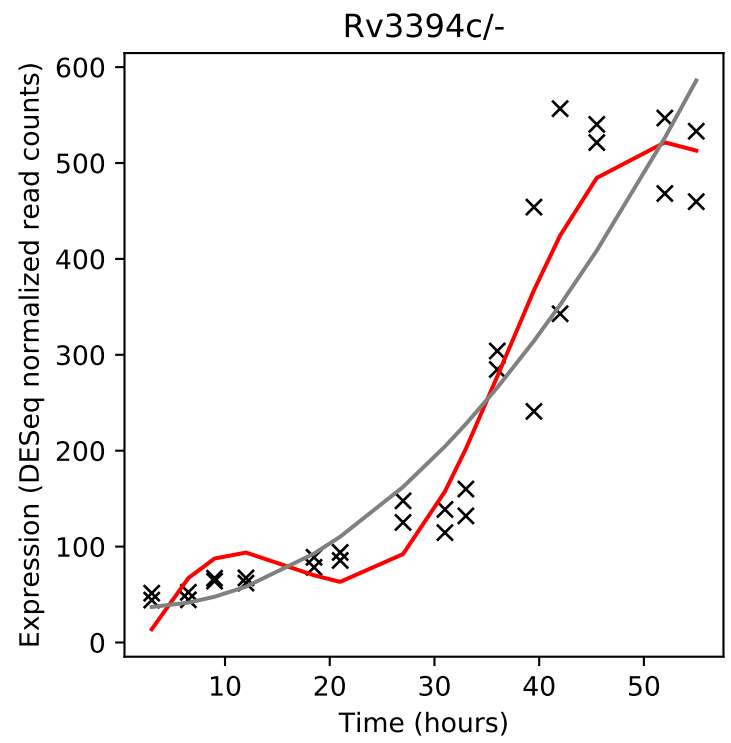

Rv3389c/htdY
Expression (DESeq normalized read counts)
Time (hours)

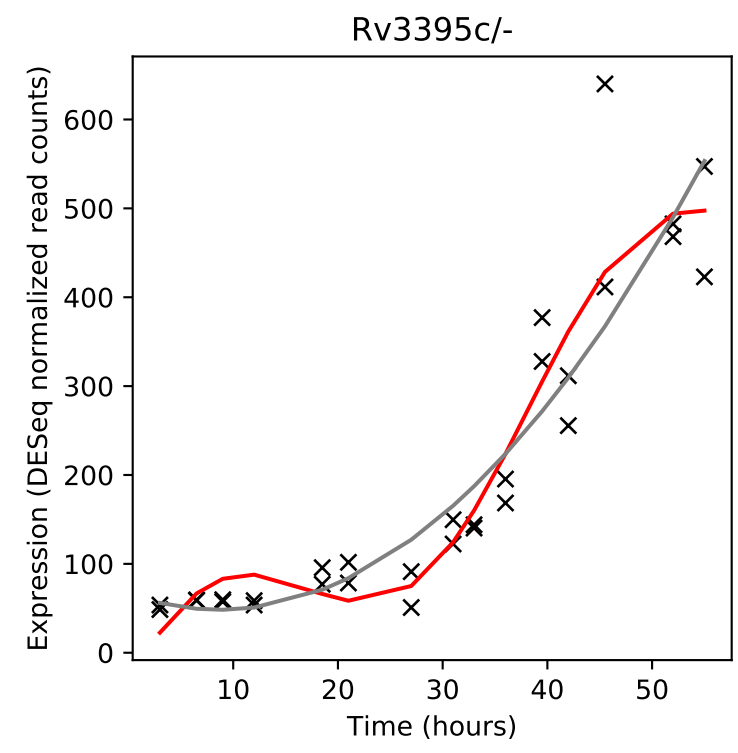

Rv3390/lpqD
Expression (DESeq normalized read counts)
Time (hours)

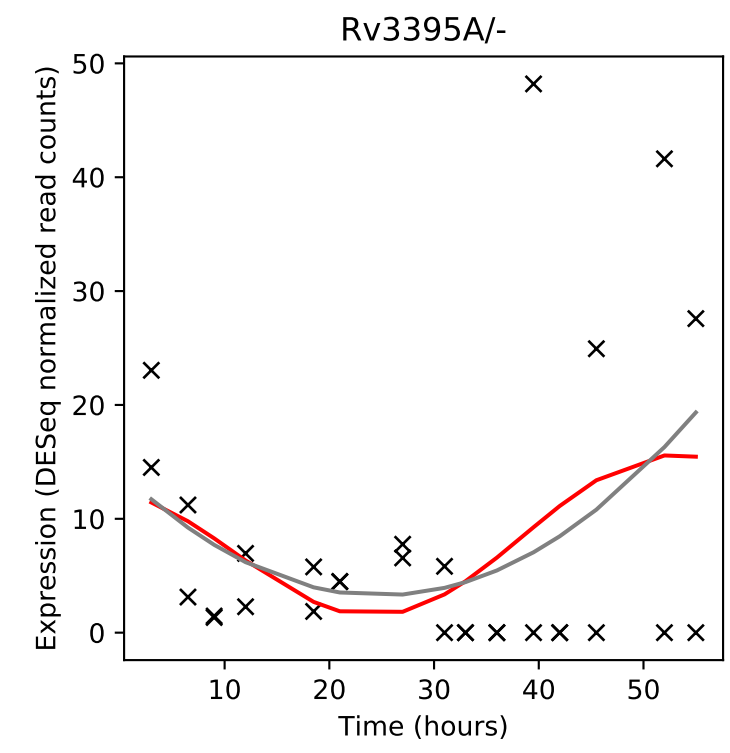

Rv3391/acrA1
Expression (DESeq normalized read counts)
Time (hours)

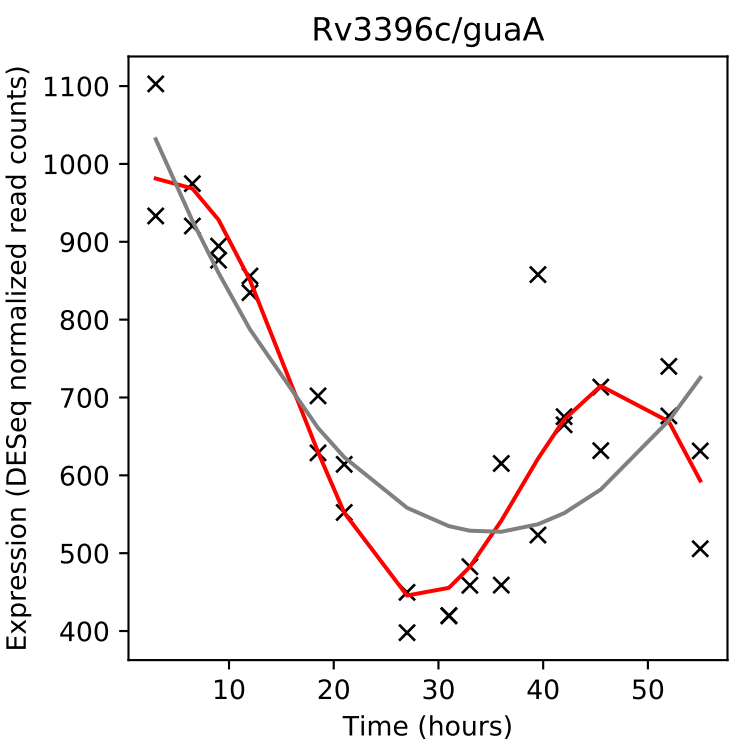

Rv3392c/cmaA1
Expression (DESeq normalized read counts)
Time (hours)

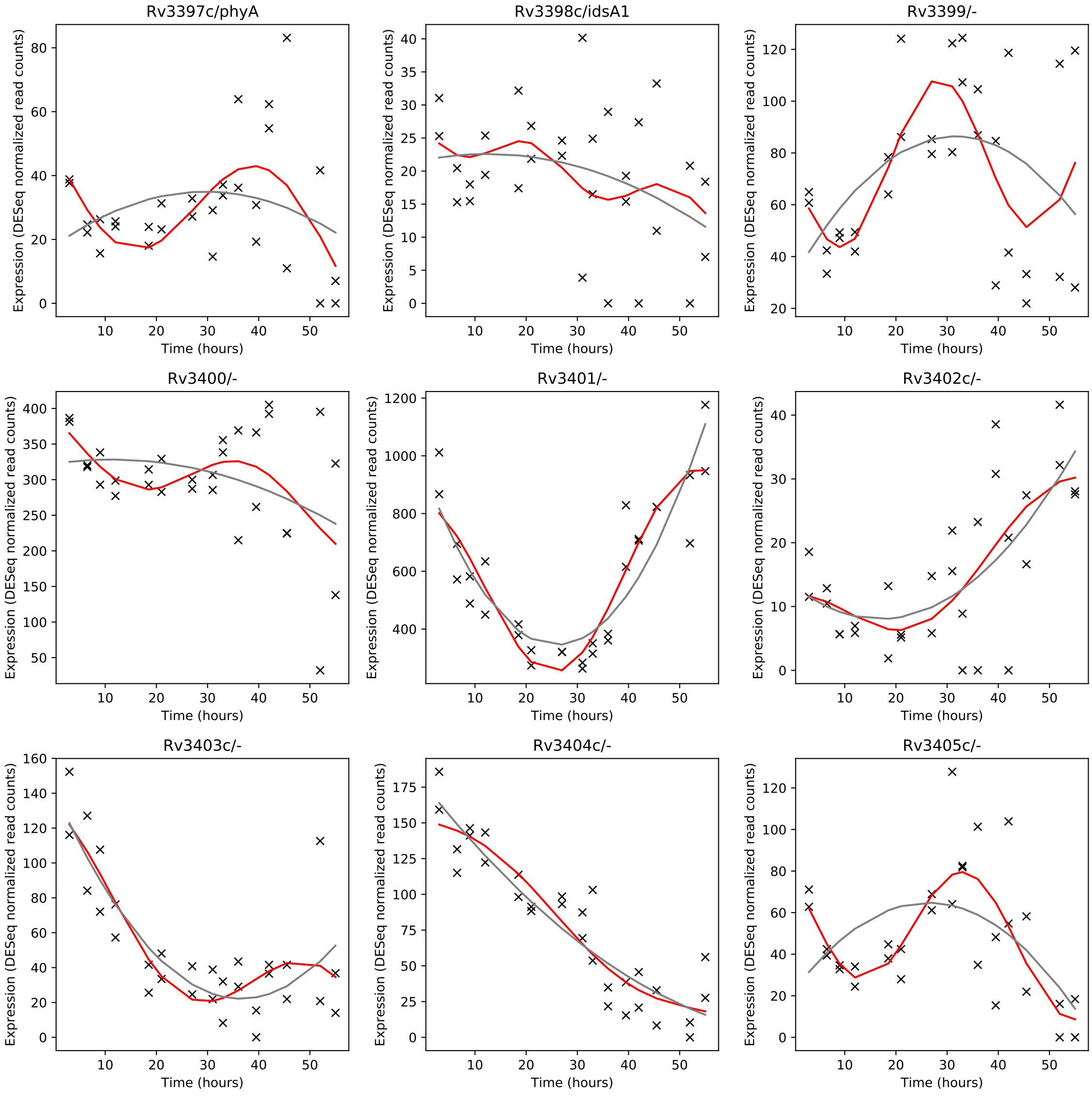

Rv3393/iunH
Expression (DESeq normalized read counts)
Time (hours)

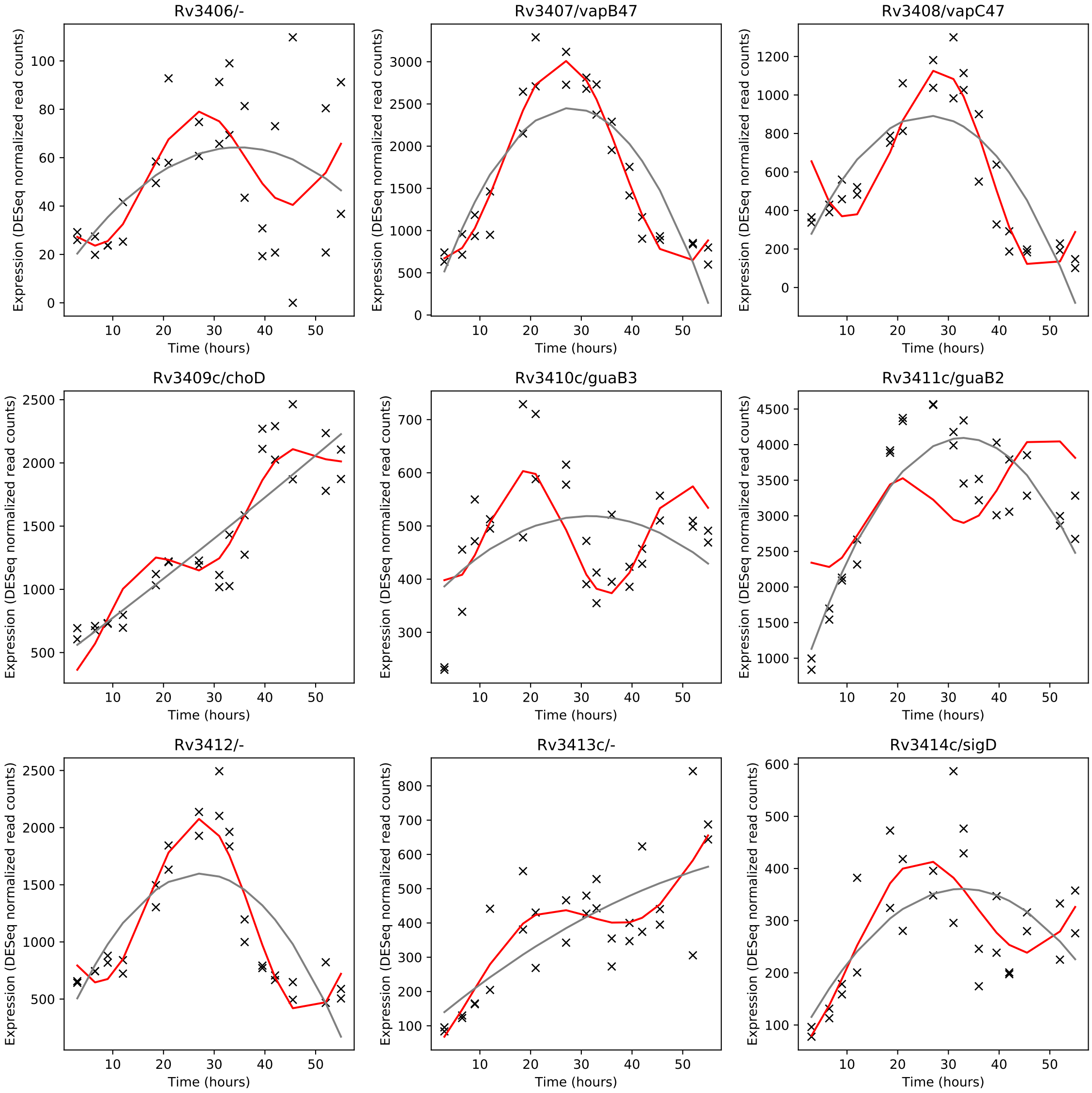

Rv3394c/-
Expression (DESeq normalized read counts)
Time (hours)

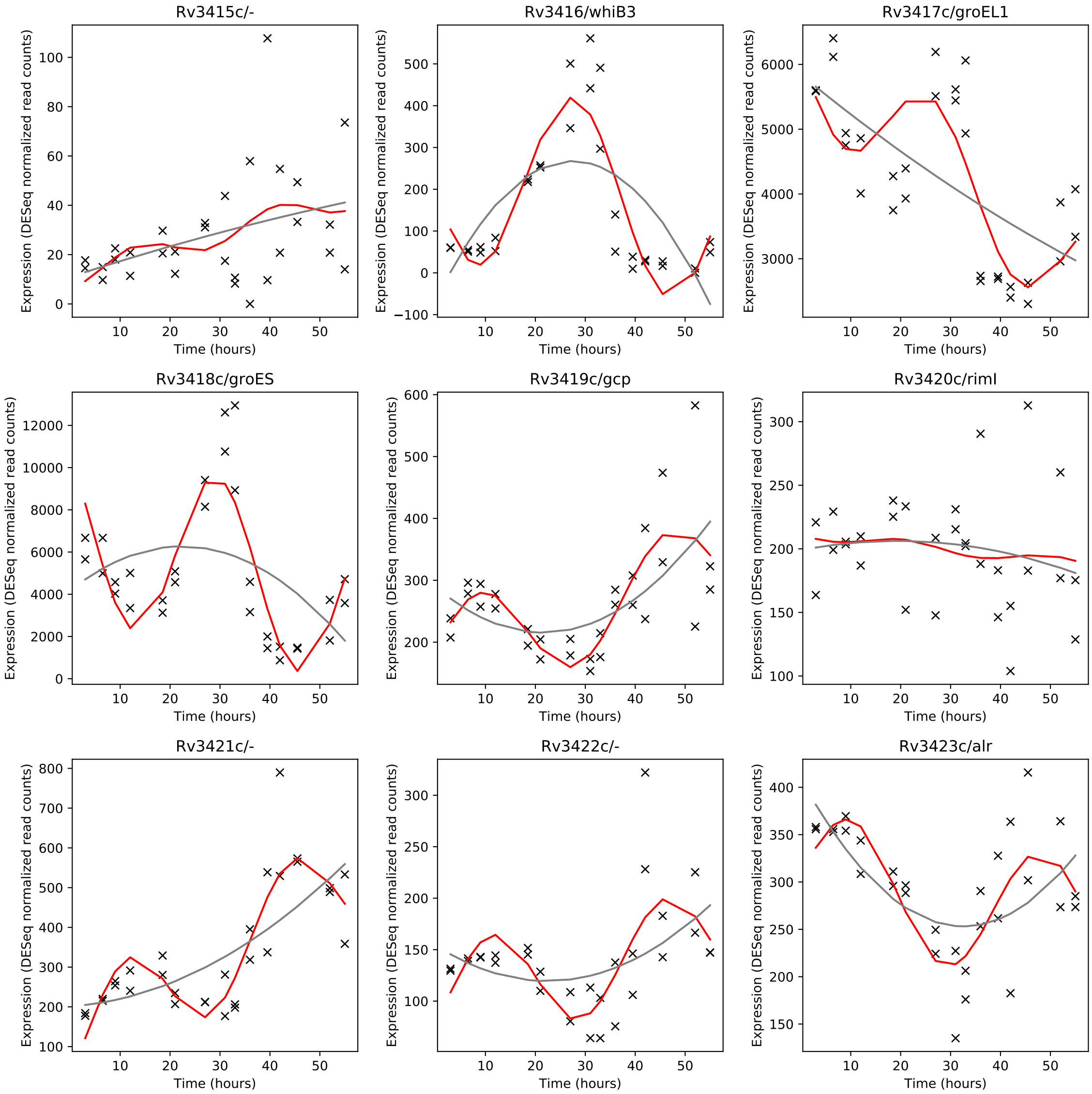

Rv3395c/-
Expression (DESeq normalized read counts)
Time (hours)

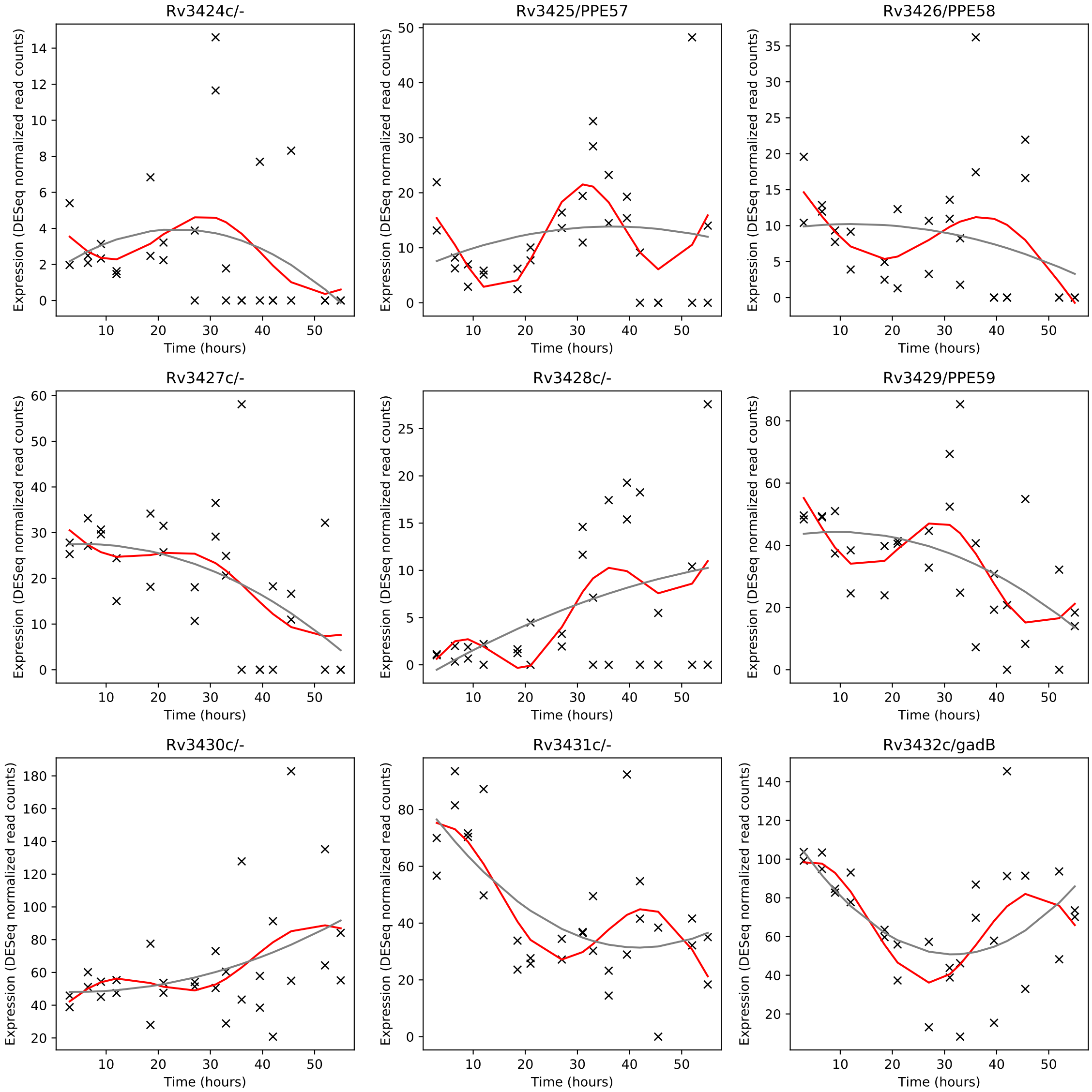

Rv3395A/-
Expression (DESeq normalized read counts)
Time (hours)

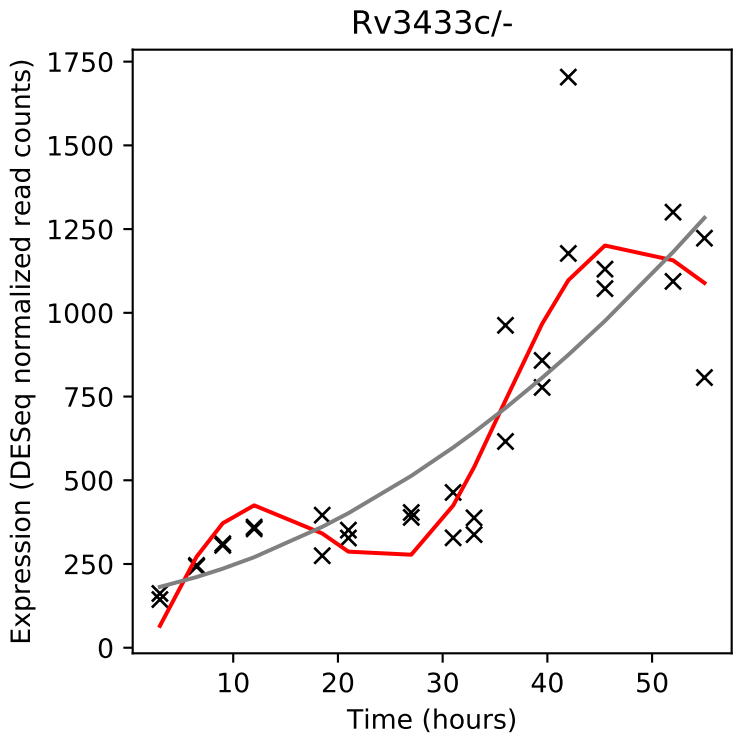

Rv3396c/guaA
Expression (DESeq normalized read counts)
Time (hours)

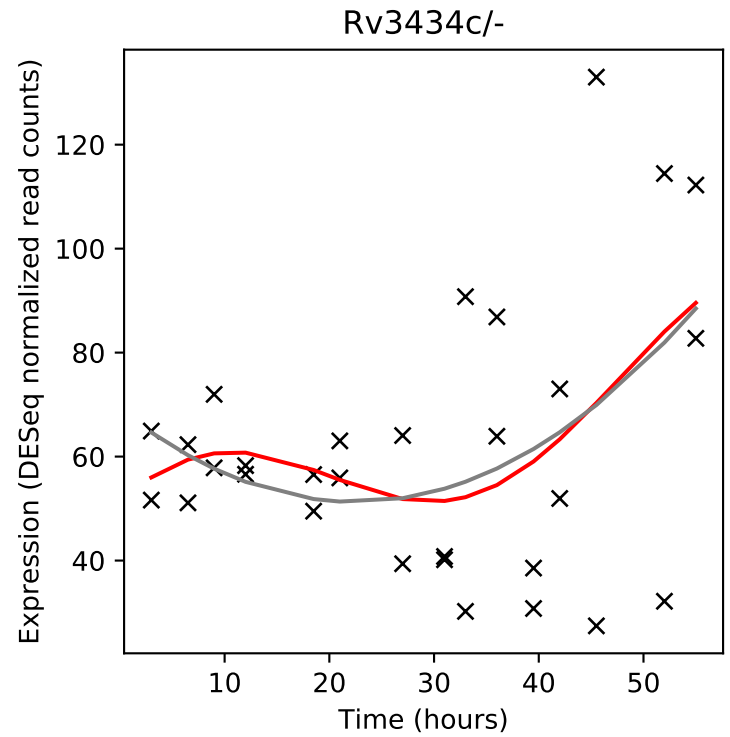

Rv3397c/phyA
Rv3398c/idsA1
Rv3399/-
Rv3400/-
Rv3401/-
Rv3402c/-
Rv3403c/-
Rv3404c/-
Rv3405c/-
Expression (DESeq normalized read counts)
Time (hours)

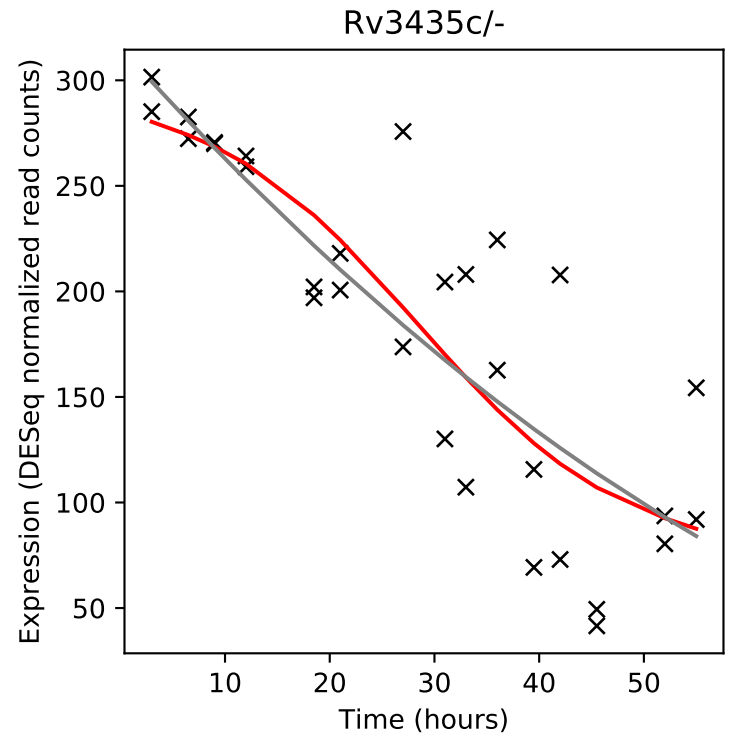

Rv3406/-
Rv3407/vapB47
Rv3408/vapC47
Rv3409c/choD
Rv3410c/guaB3
Rv3411c/guaB2
Rv3412/-
Rv3413c/-
Rv3414c/sigD
Expression (DESeq normalized read counts)
Time (hours)

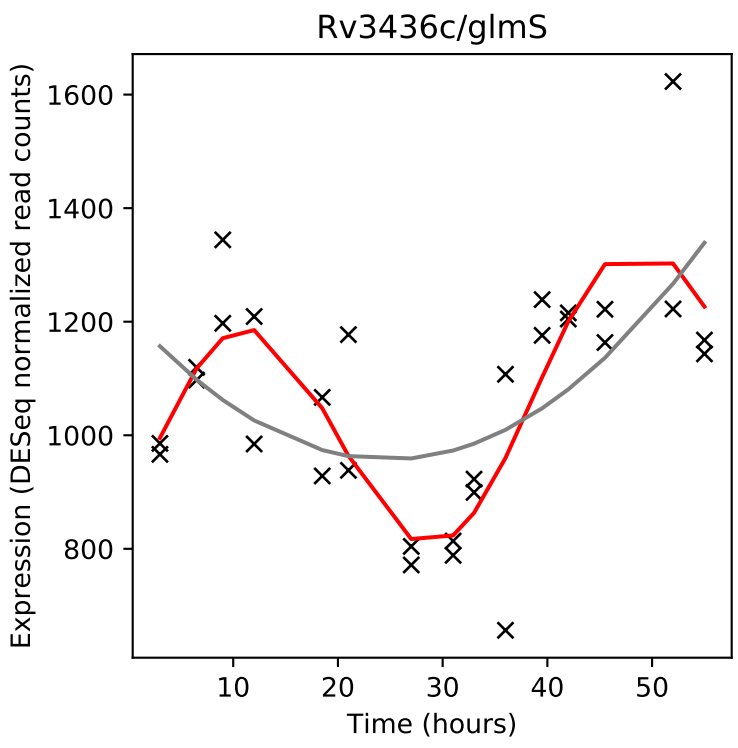

Rv3415c/-
Rv3416/whiB3
Rv3417c/groEL1
Rv3418c/groES
Rv3419c/gcp
Rv3420c/rimI
Rv3421c/-
Rv3422c/-
Rv3423c/alr
Expression (DESeq normalized read counts)
Time (hours)

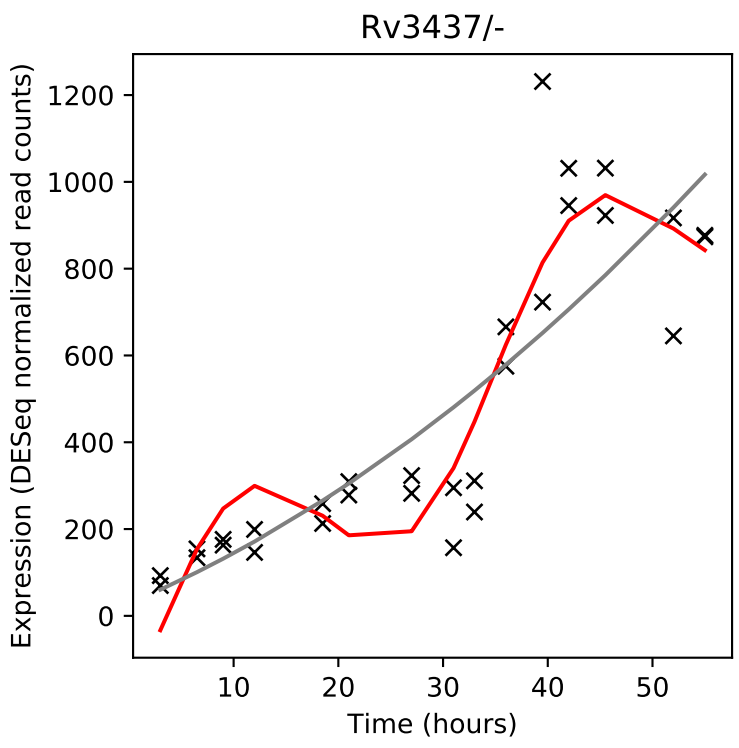

Rv3424c/-
Rv3425/PPE57
Rv3426/PPE58
Rv3427c/-
Rv3428c/-
Rv3429/PPE59
Rv3430c/-
Rv3431c/-
Rv3432c/gadB
Expression (DESeq normalized read counts)
Time (hours)

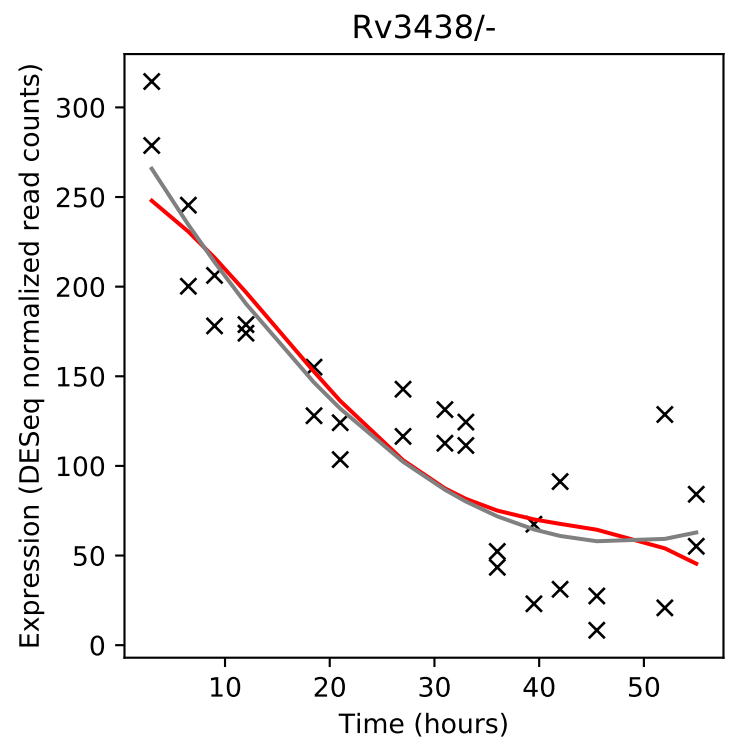

Rv3433c/-
Expression (DESeq normalized read counts)
Time (hours)

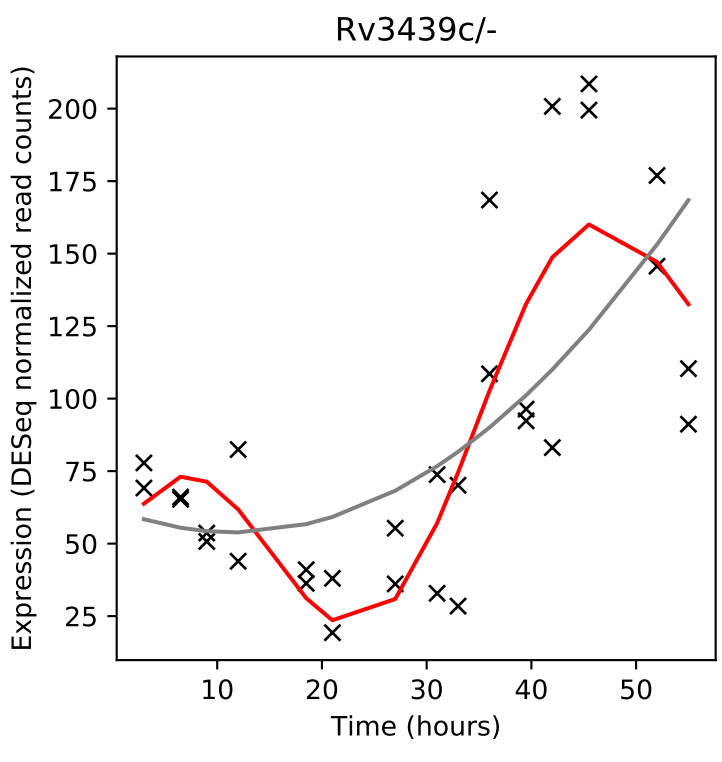

Rv3434c/-
Expression (DESeq normalized read counts)
Time (hours)

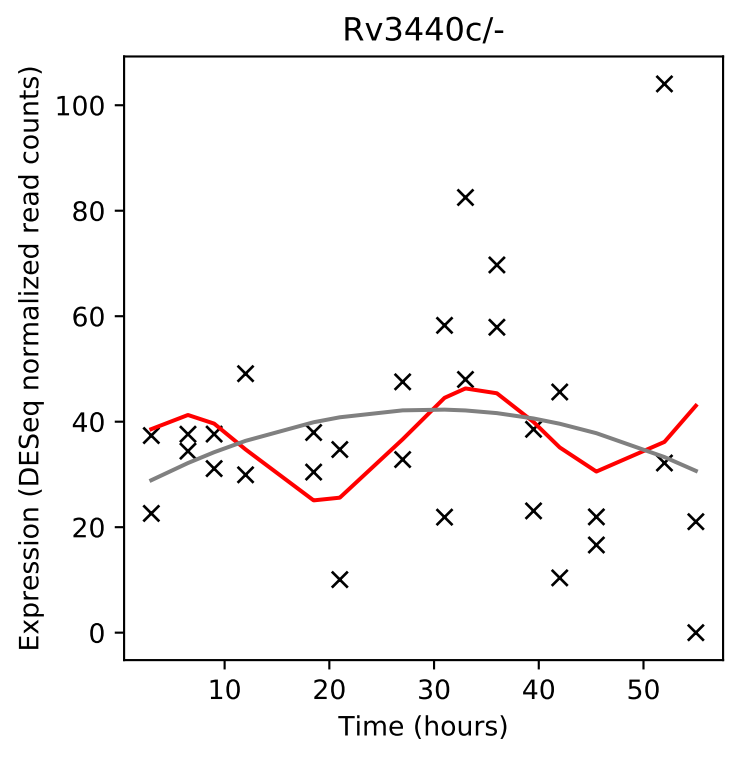

Rv3435c/-
Expression (DESeq normalized read counts)
Time (hours)

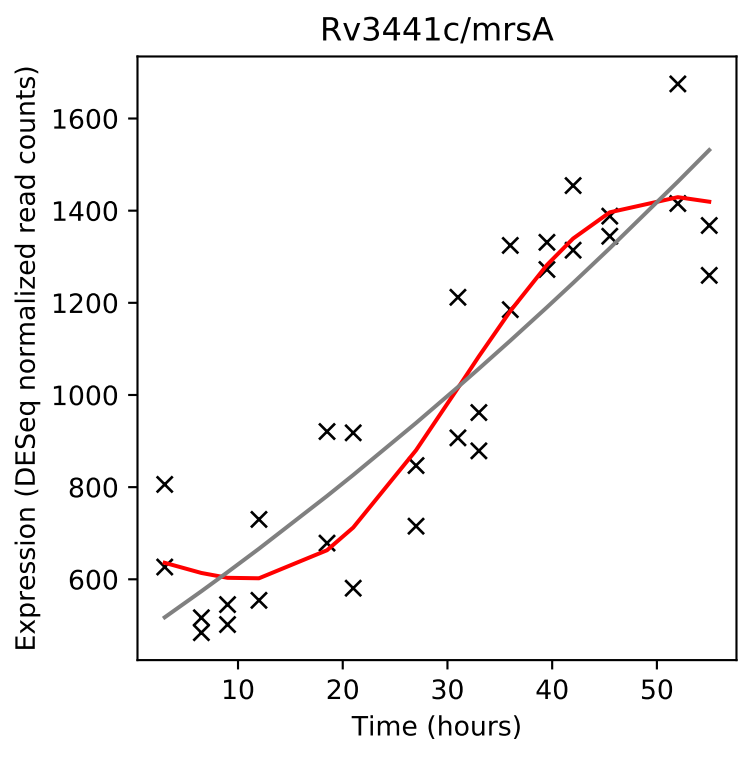

Rv3436c/glmS
Expression (DESeq normalized read counts)
Time (hours)

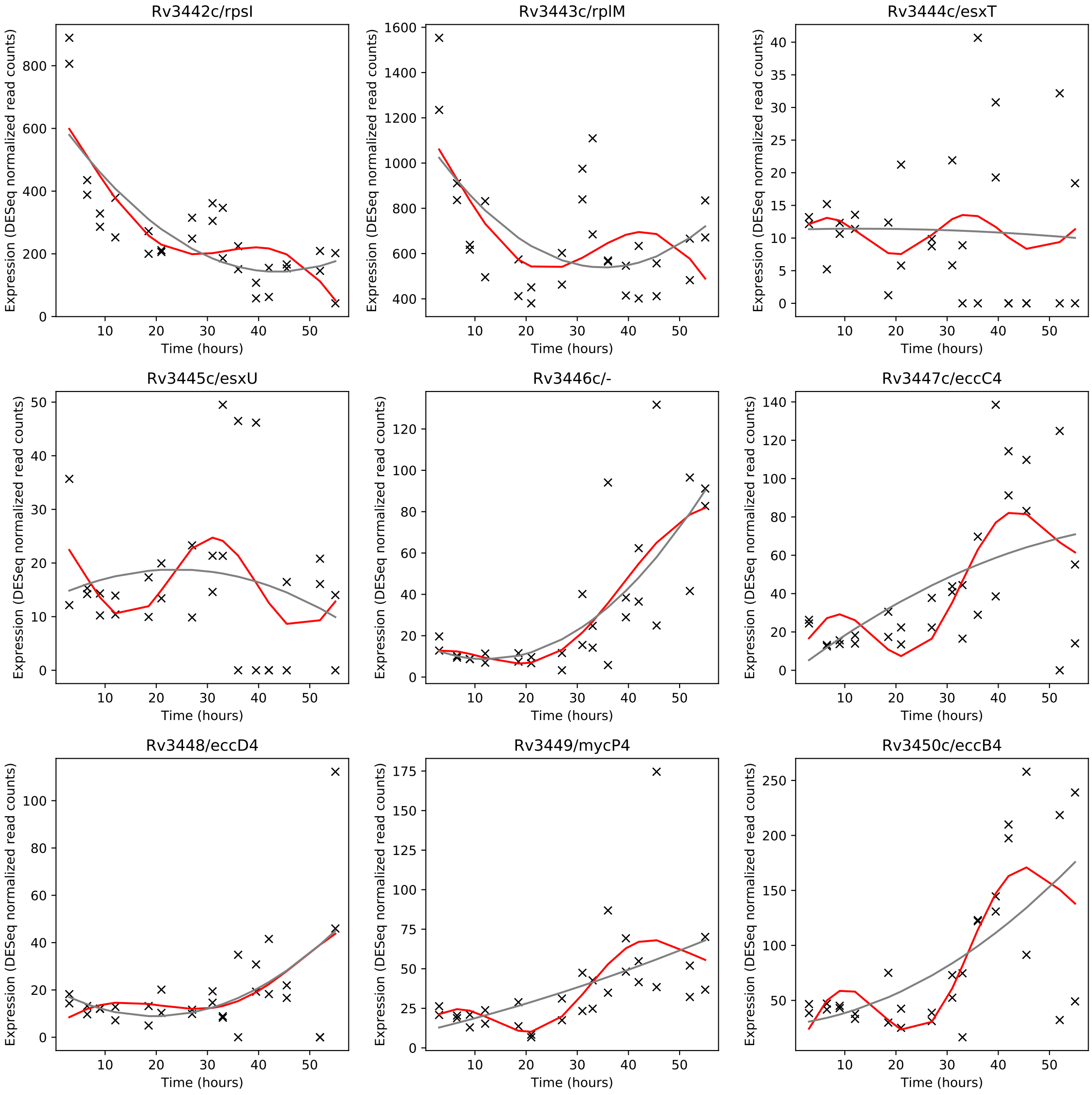

Rv3437/-
Expression (DESeq normalized read counts)
Time (hours)

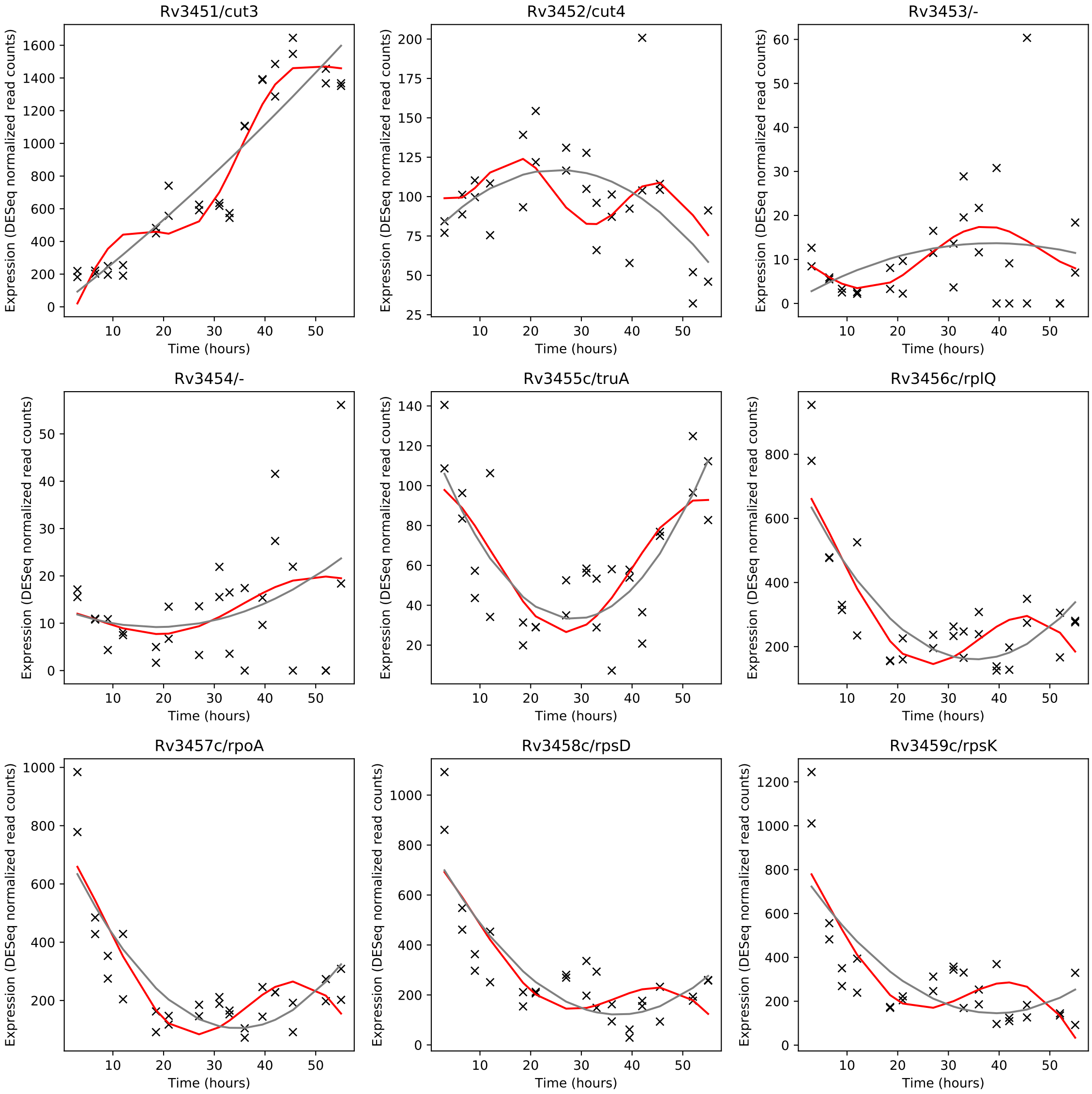

Rv3438/-
Expression (DESeq normalized read counts)
Time (hours)

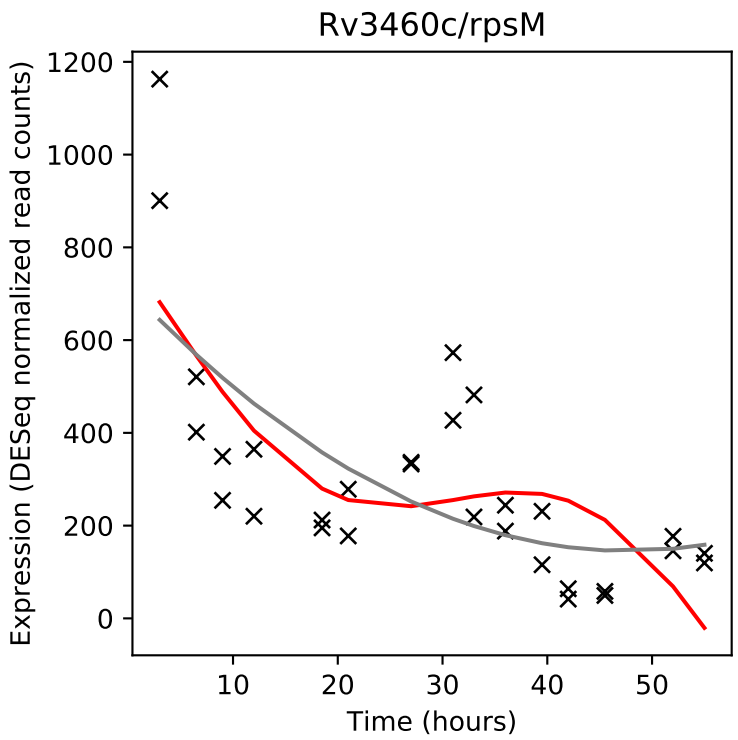

Rv3439c/-
Expression (DESeq normalized read counts)
Time (hours)

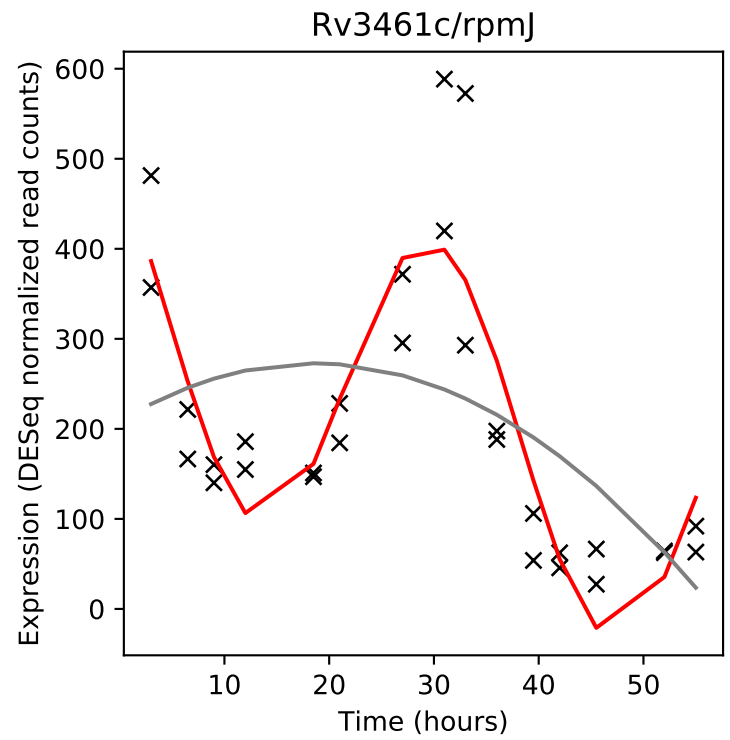

Rv3440c/-
Expression (DESeq normalized read counts)
Time (hours)

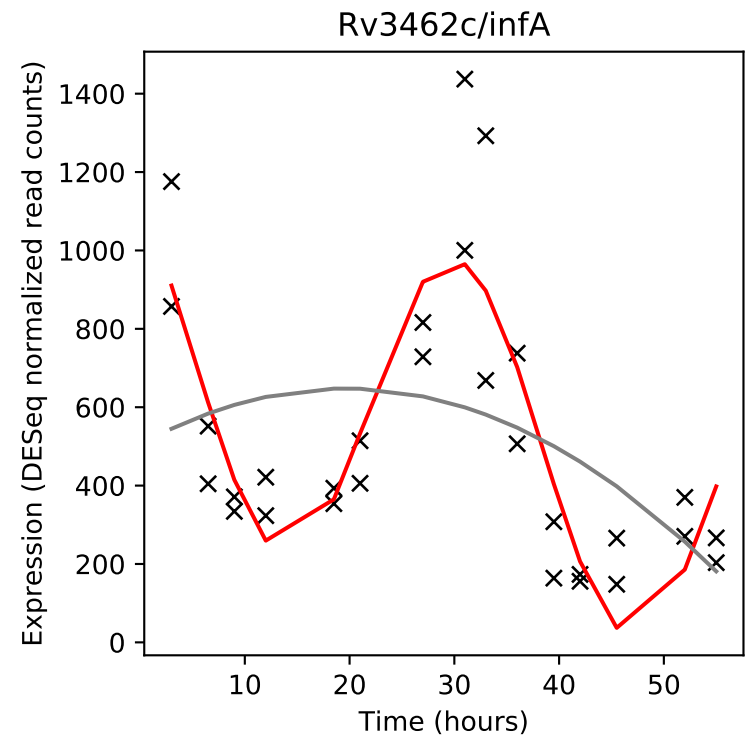

Rv3441c/mrsA
Expression (DESeq normalized read counts)
Time (hours)

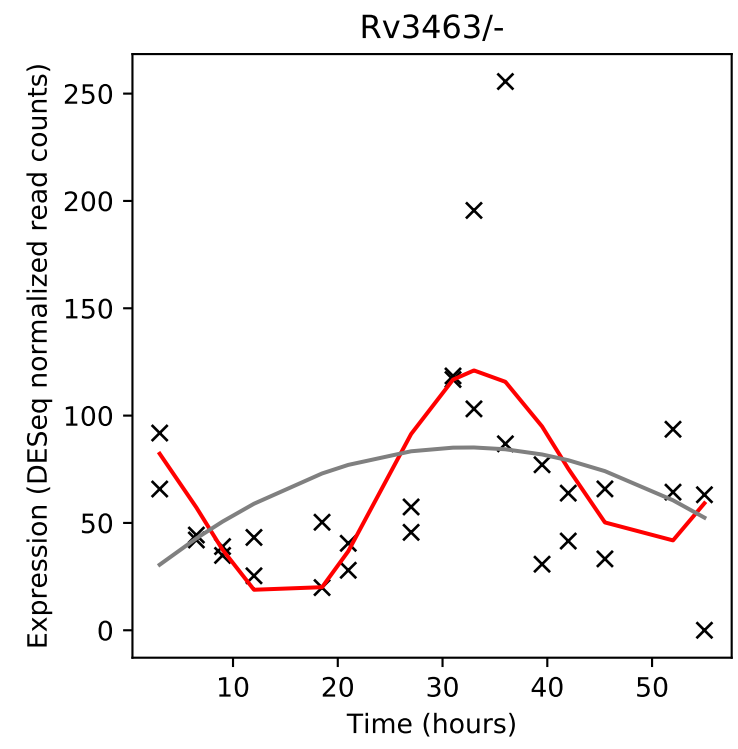

Rv3442c/rpsI
Rv3443c/rplM
Rv3444c/esxT
Rv3445c/esxU
Rv3446c/-
Rv3447c/eccC4
Rv3448/eccD4
Rv3449/mycP4
Rv3450c/eccB4
Expression (DESeq normalized read counts)
Time (hours)

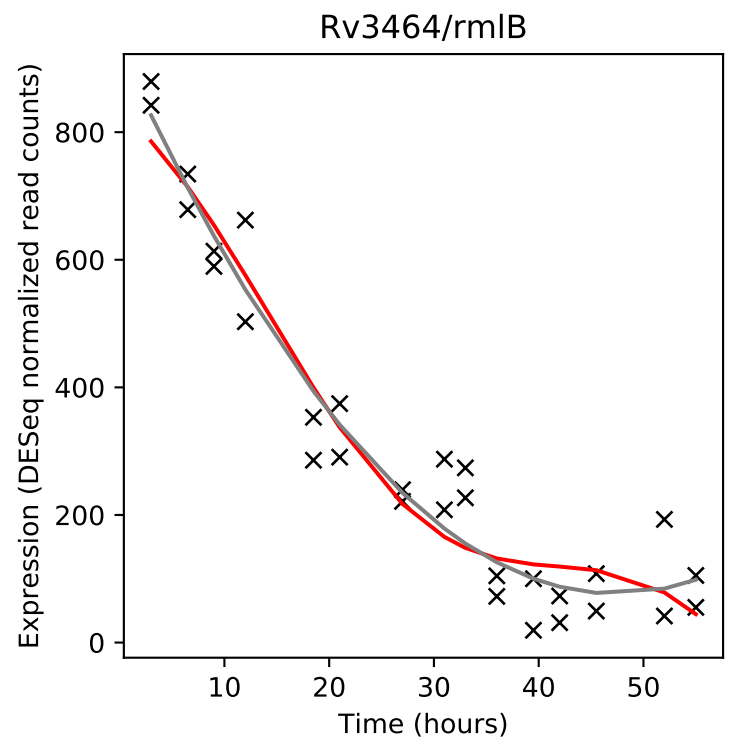

Rv3451/cut3
Rv3452/cut4
Rv3453/-
Rv3454/-
Rv3455c/truA
Rv3456c/rplQ
Rv3457c/rpoA
Rv3458c/rpsD
Rv3459c/rpsK
Expression (DESeq normalized read counts)
Time (hours)

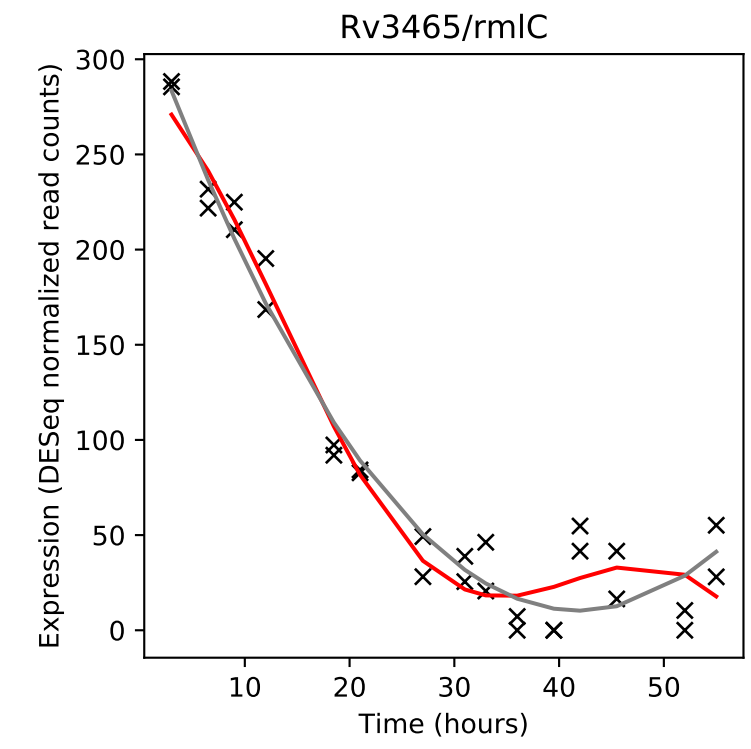

Rv3460c/rpsM
Expression (DESeq normalized read counts)
Time (hours)

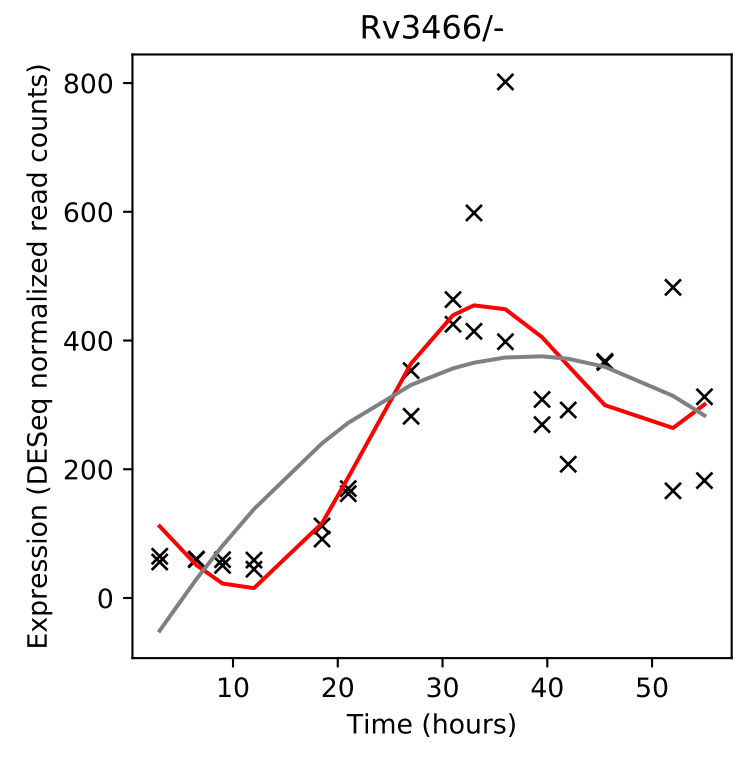

Rv3461c/rpmJ
Expression (DESeq normalized read counts)
Time (hours)

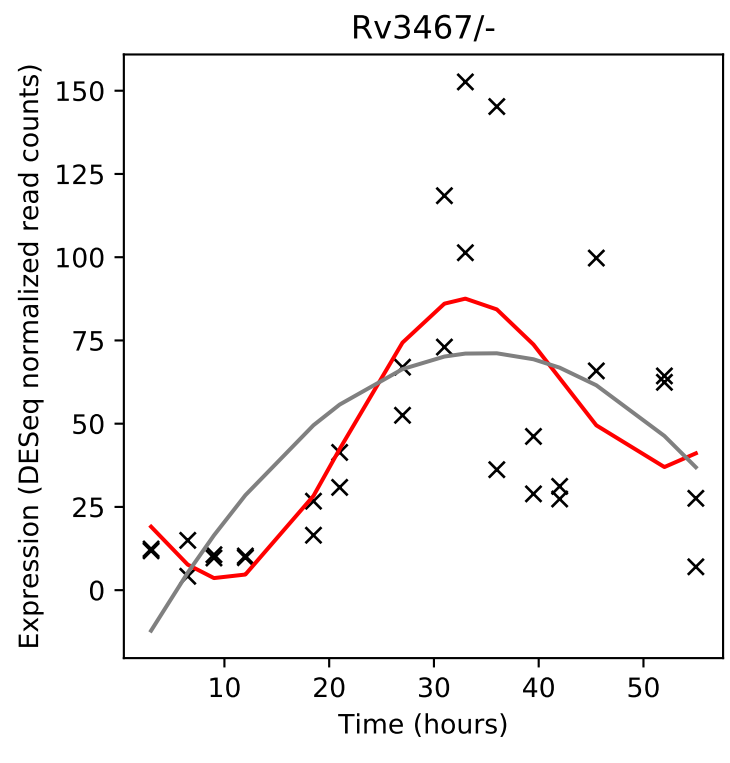

Rv3462c/infA
Expression (DESeq normalized read counts)
Time (hours)

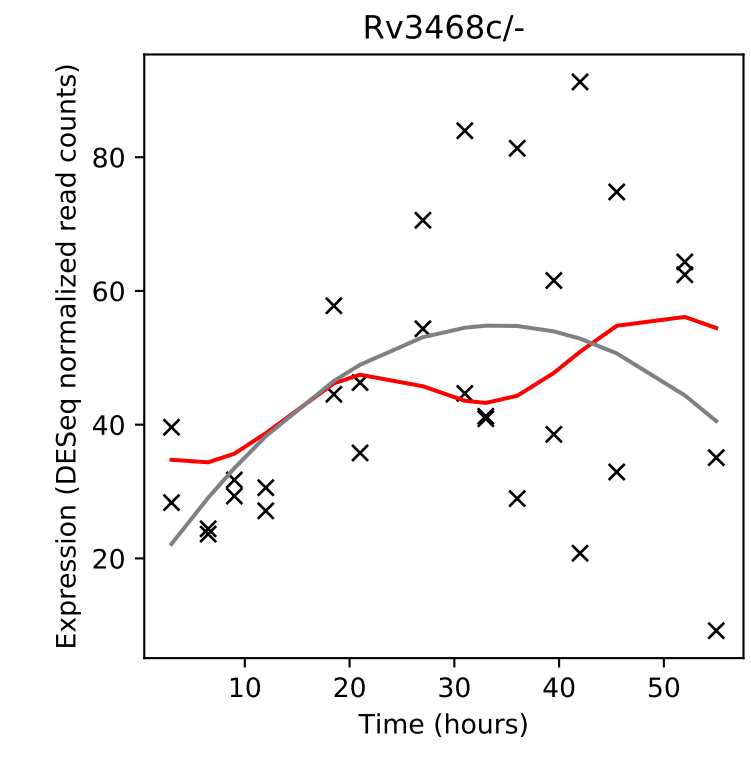

Rv3463/-
Expression (DESeq normalized read counts)
Time (hours)

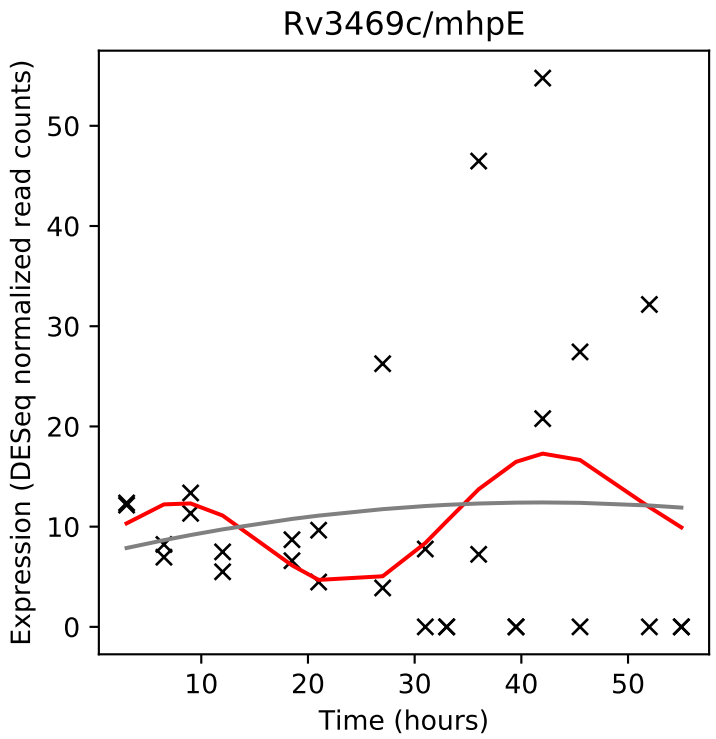

Rv3464/rmlB
Expression (DESeq normalized read counts)
Time (hours)

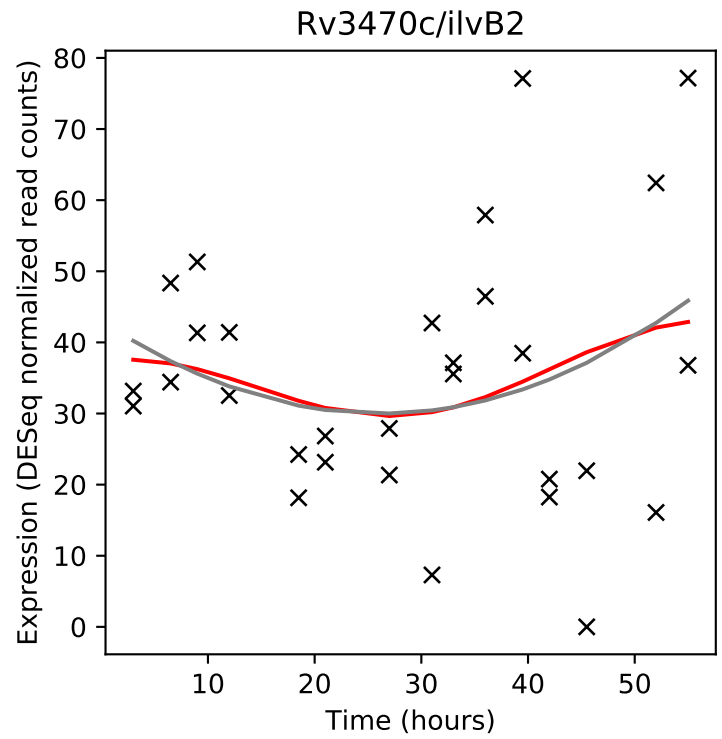

Rv3465/rmlC
Expression (DESeq normalized read counts)
Time (hours)

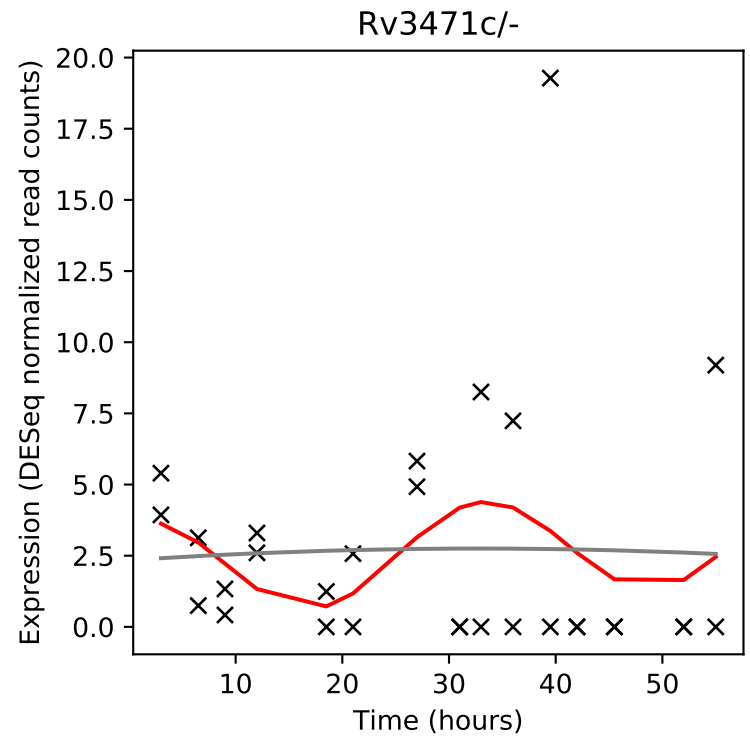

Rv3466/-
Expression (DESeq normalized read counts)
Time (hours)

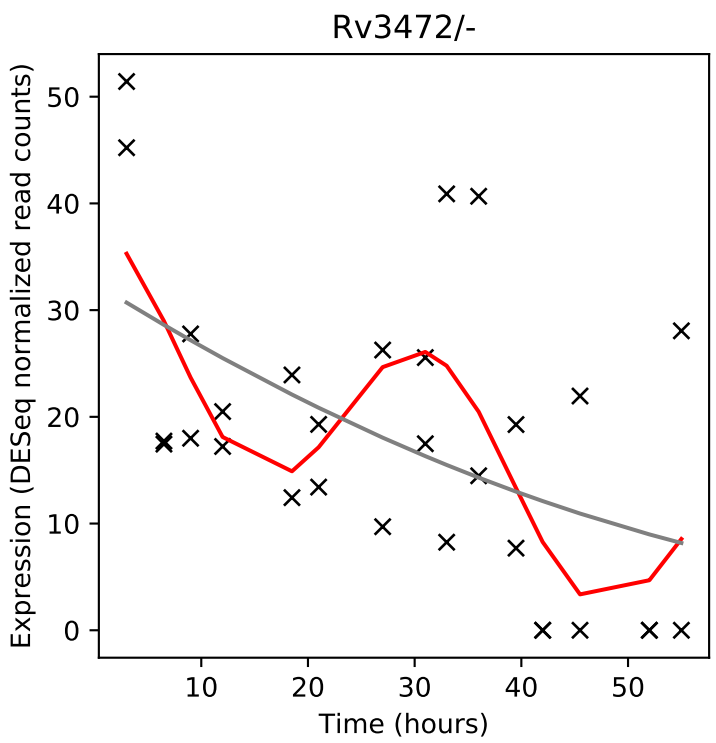

Rv3467/-
Expression (DESeq normalized read counts)
Time (hours)

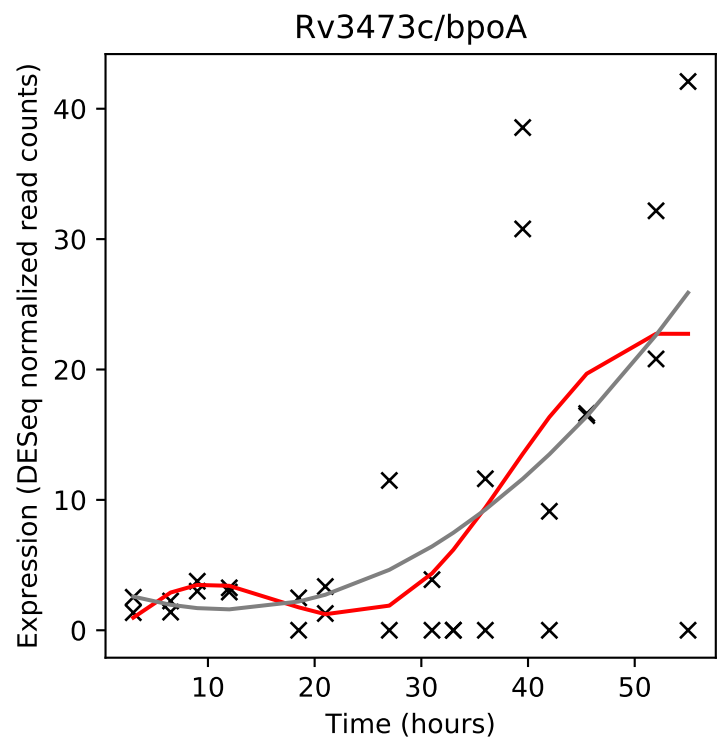

Rv3468c/-
Expression (DESeq normalized read counts)
Time (hours)

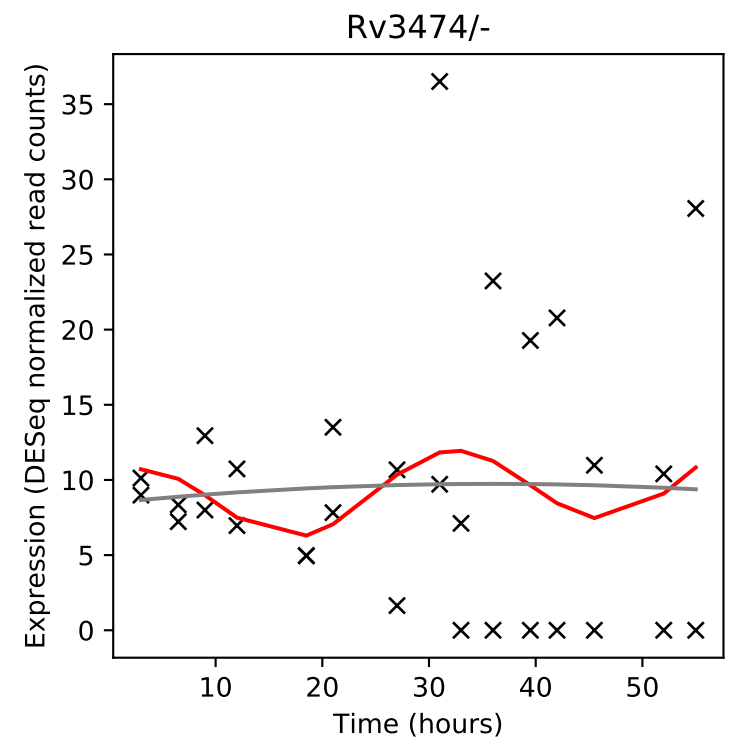

Rv3469c/mhpE
Expression (DESeq normalized read counts)
Time (hours)

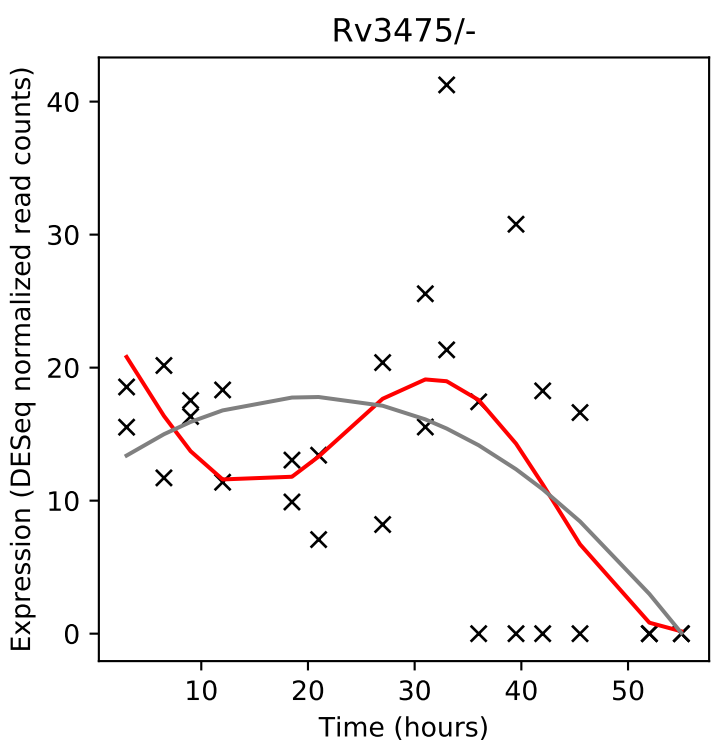

Rv3470c/ilvB2
Expression (DESeq normalized read counts)
Time (hours)

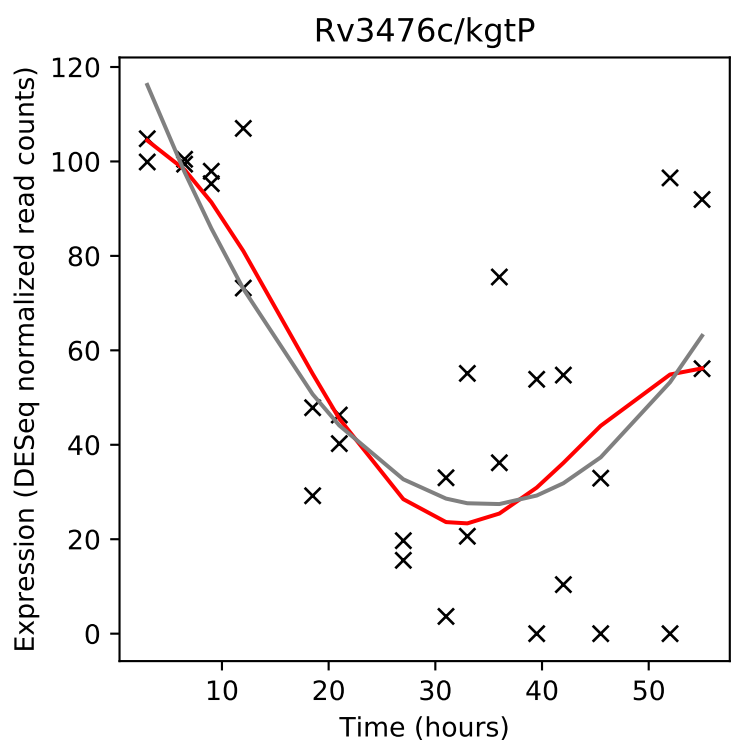

Rv3471c/-
Expression (DESeq normalized read counts)
Time (hours)

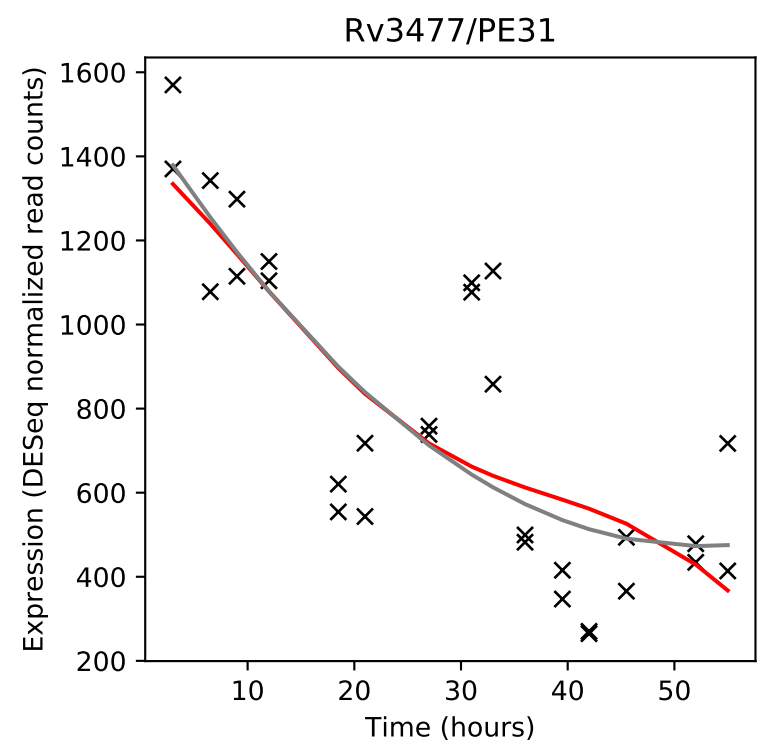

Rv3472/-
Expression (DESeq normalized read counts)
Time (hours)

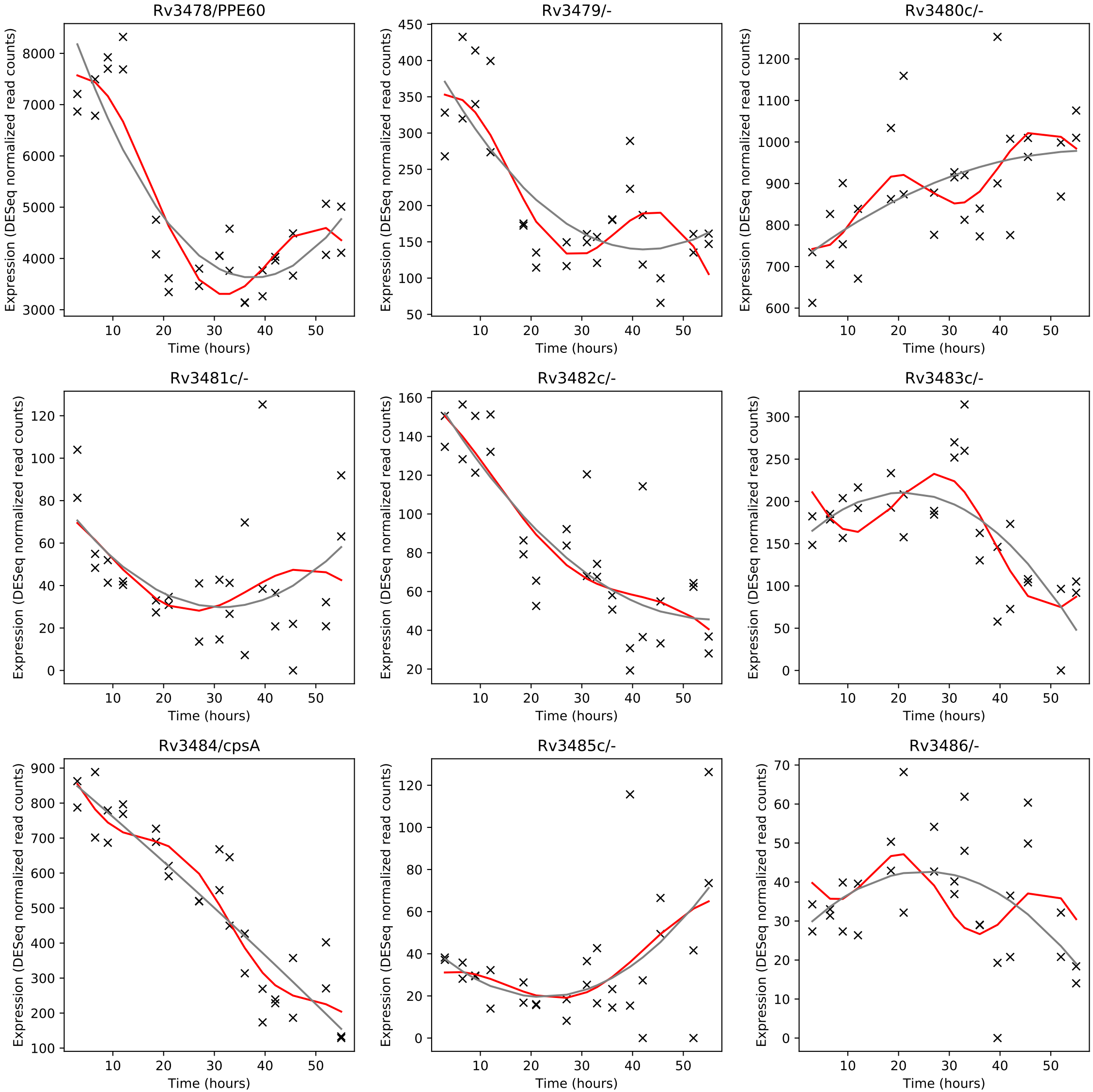

Rv3473c/bpoA
Expression (DESeq normalized read counts)
Time (hours)

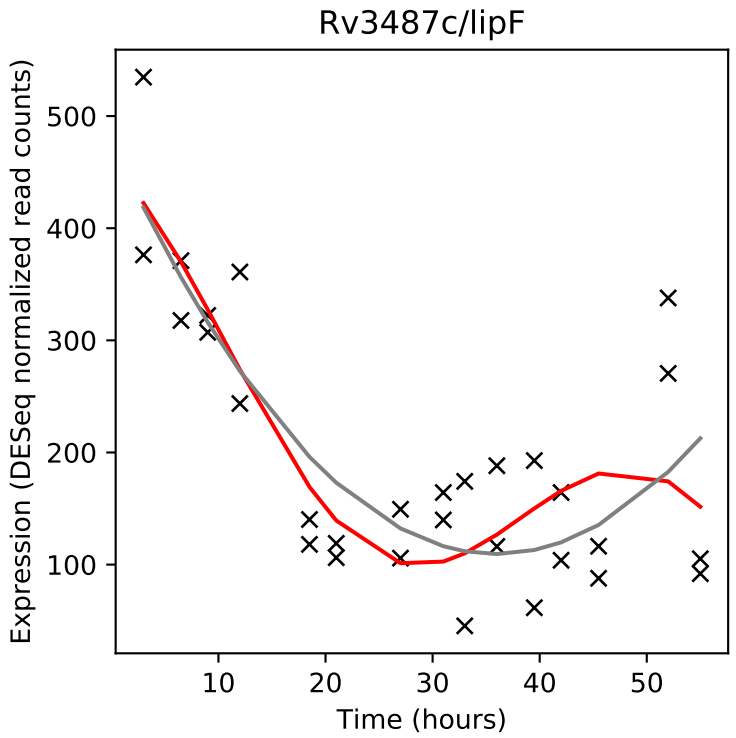

Rv3474/-
Expression (DESeq normalized read counts)
Time (hours)

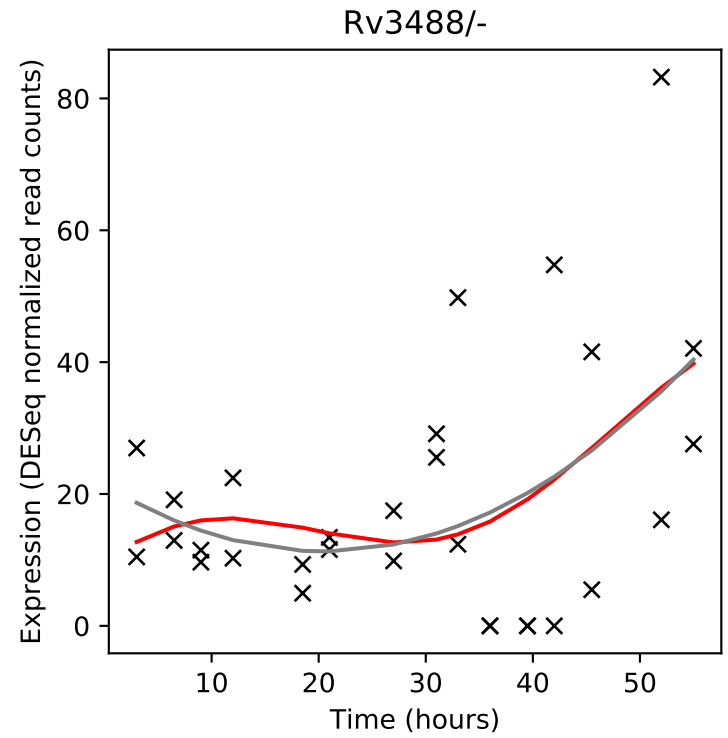

Rv3475/-
Expression (DESeq normalized read counts)
Time (hours)

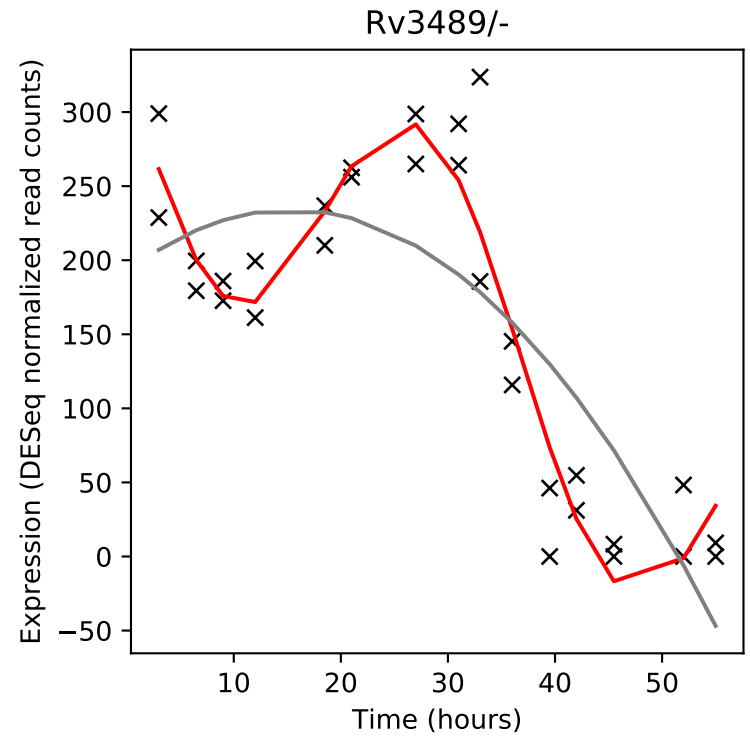

Rv3476c/kgtP
Expression (DESeq normalized read counts)
Time (hours)

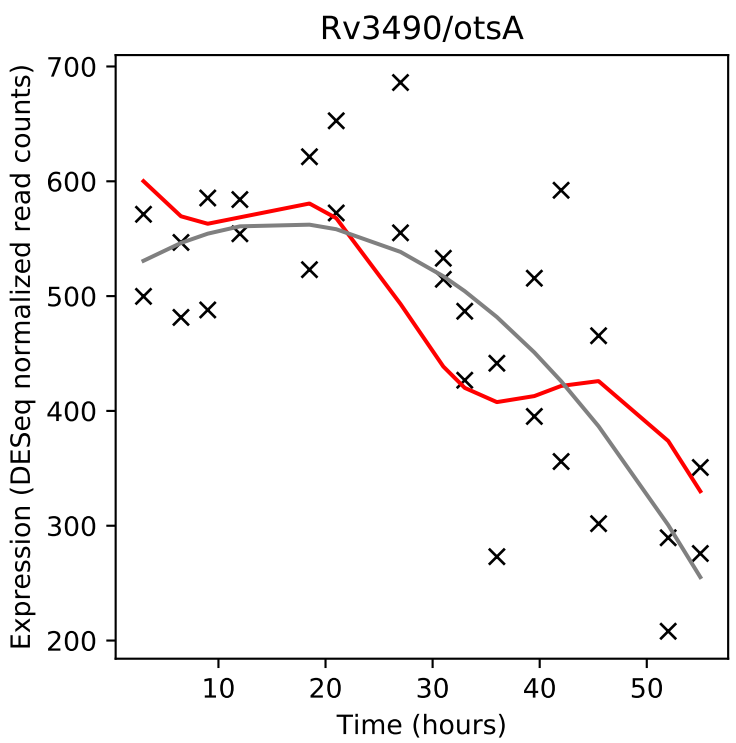

Rv3477/PE31
Expression (DESeq normalized read counts)
Time (hours)

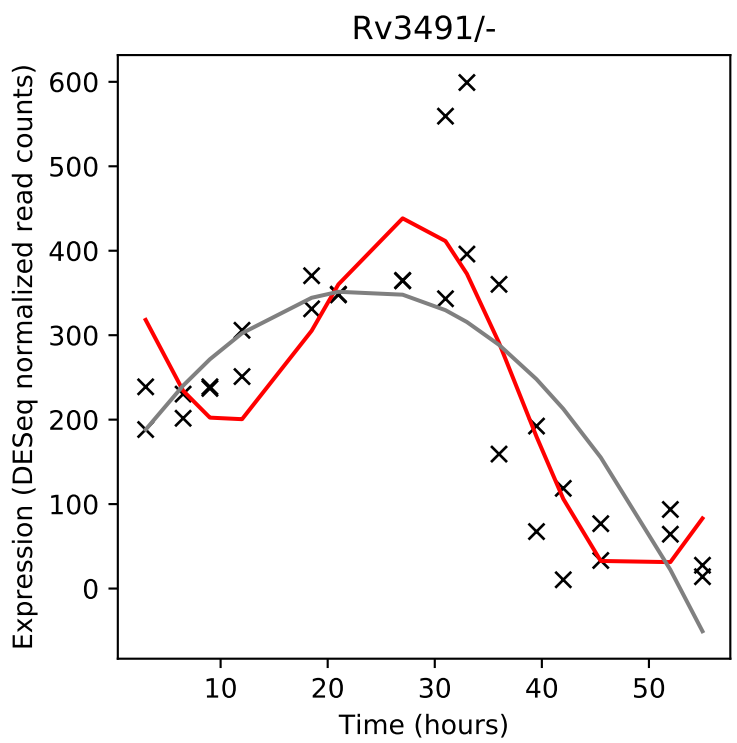

Rv3478/PPE60
Rv3479/-
Rv3480c/-
Rv3481c/-
Rv3482c/-
Rv3483c/-
Rv3484/cpsA
Rv3485c/-
Rv3486/-
Expression (DESeq normalized read counts)
Time (hours)

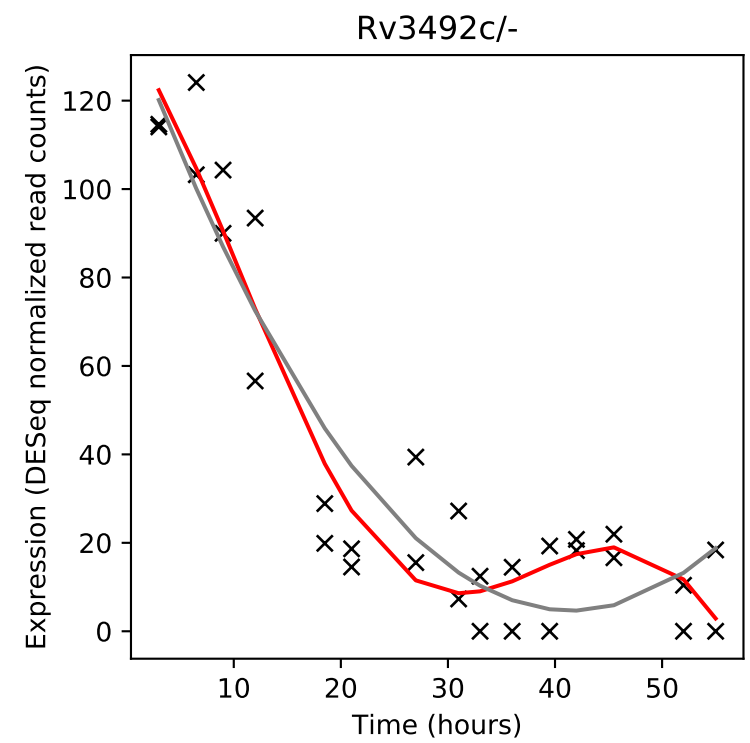

Rv3487c/lipF
Expression (DESeq normalized read counts)
Time (hours)

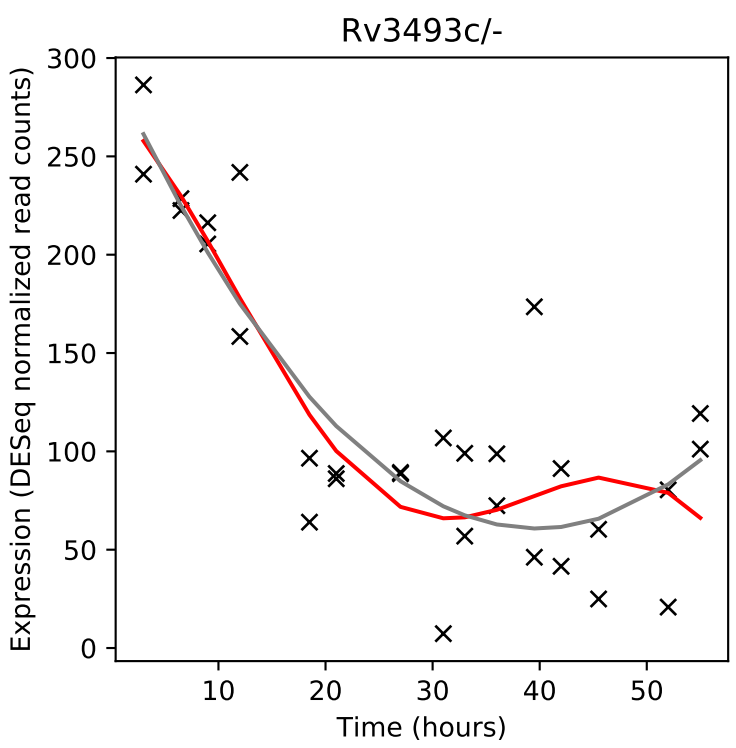

Rv3488/-
Expression (DESeq normalized read counts)
Time (hours)

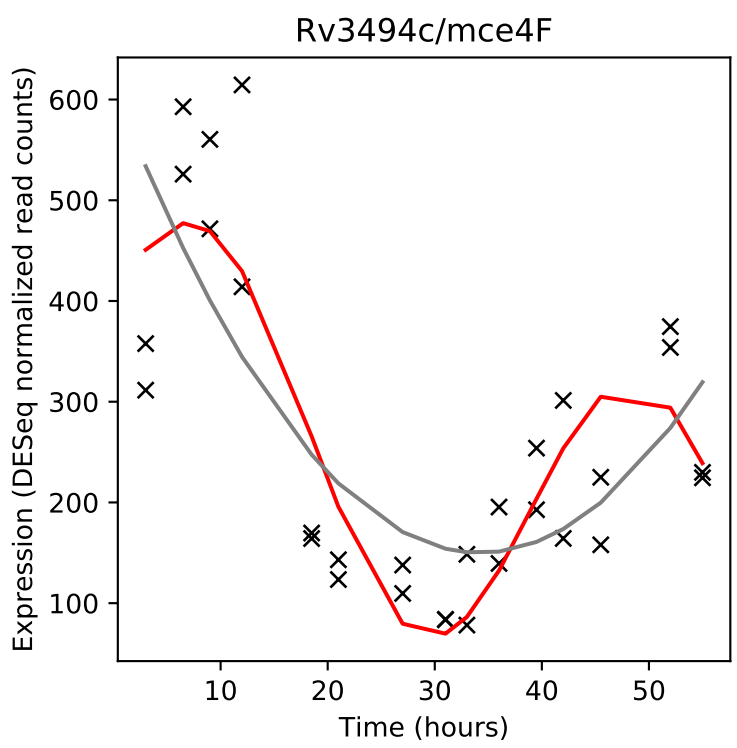

Rv3489/-
Expression (DESeq normalized read counts)
Time (hours)

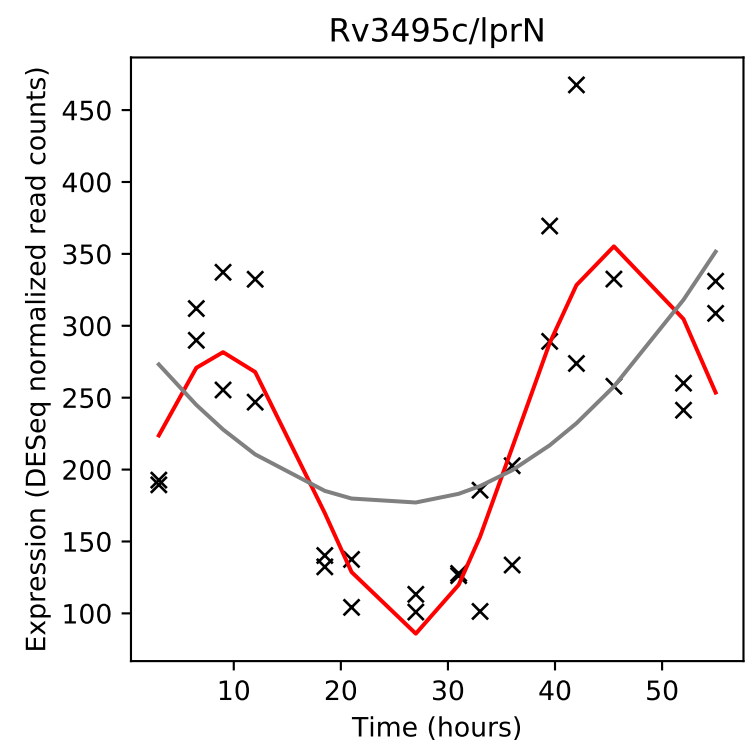

Rv3490/otsA
Expression (DESeq normalized read counts)
Time (hours)

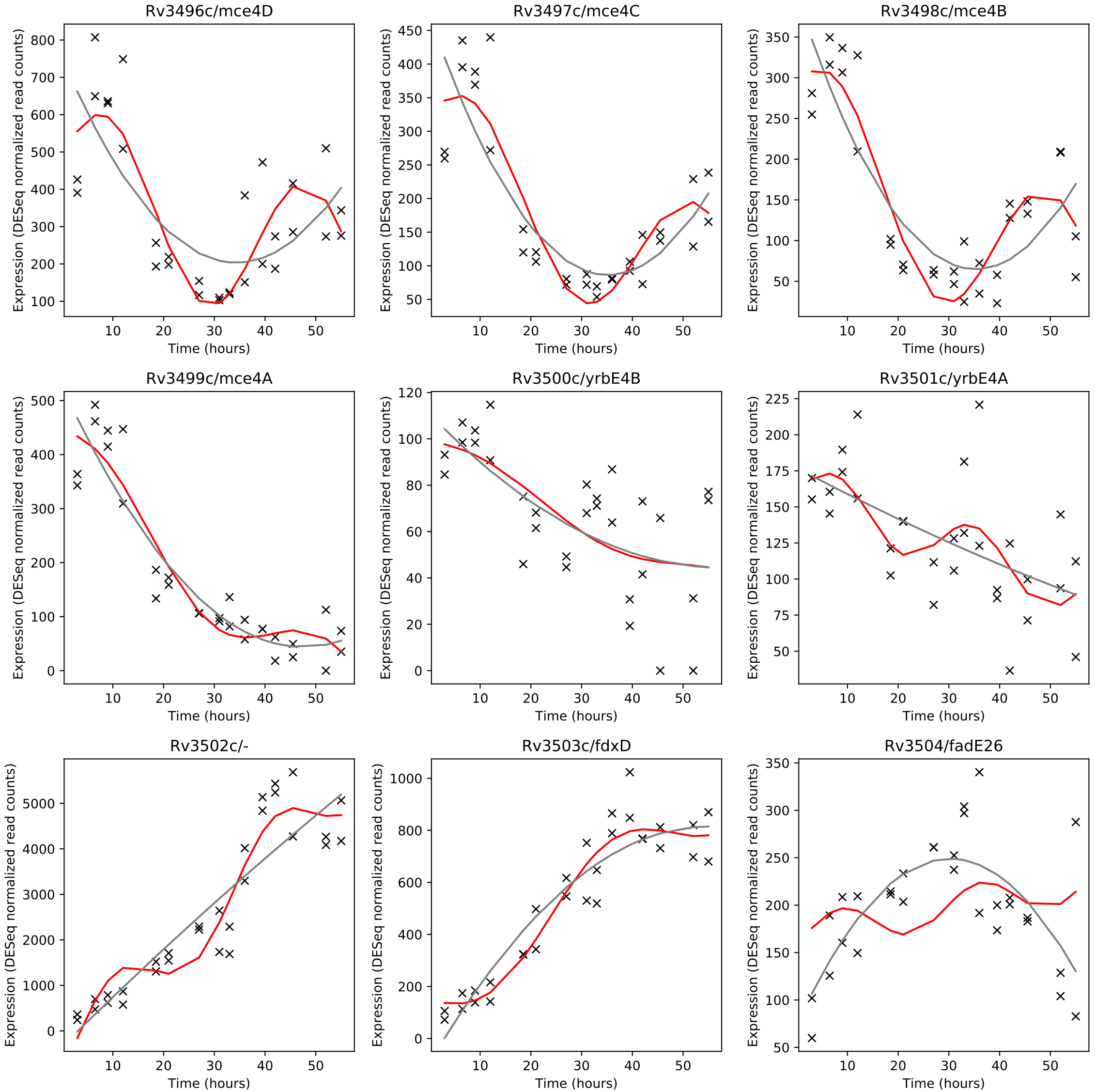

Rv3491/-
Expression (DESeq normalized read counts)
Time (hours)

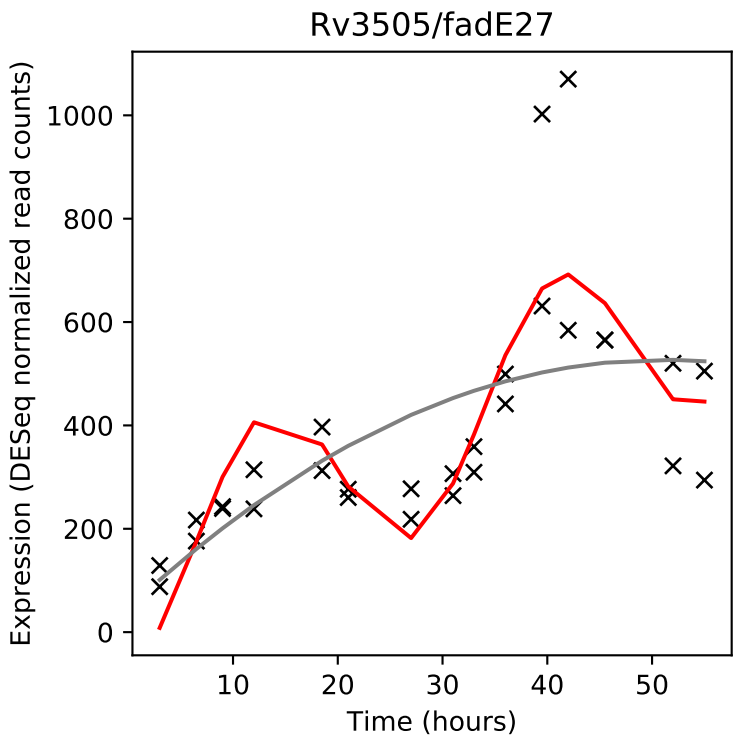

Rv3492c/-
Expression (DESeq normalized read counts)
Time (hours)

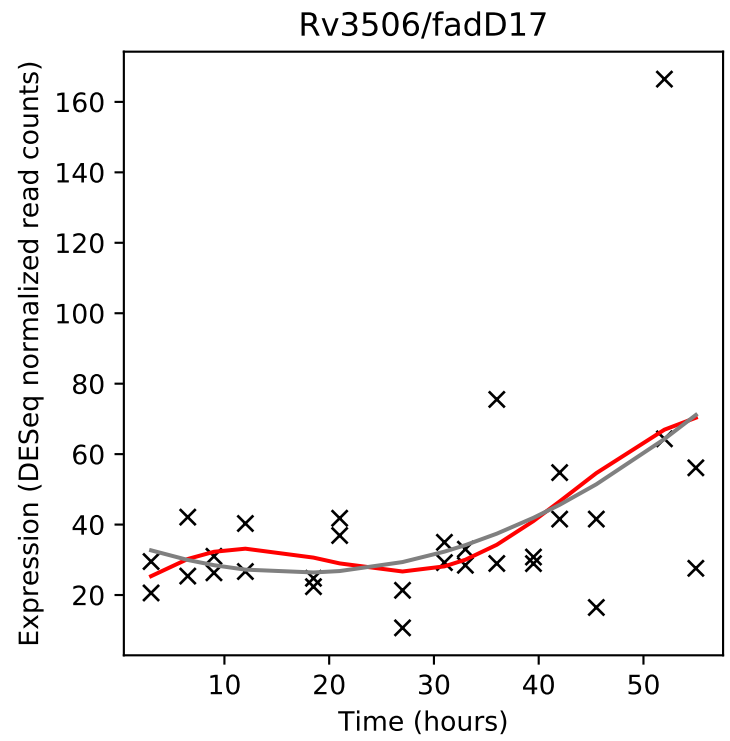

Rv3493c/-
Expression (DESeq normalized read counts)
Time (hours)

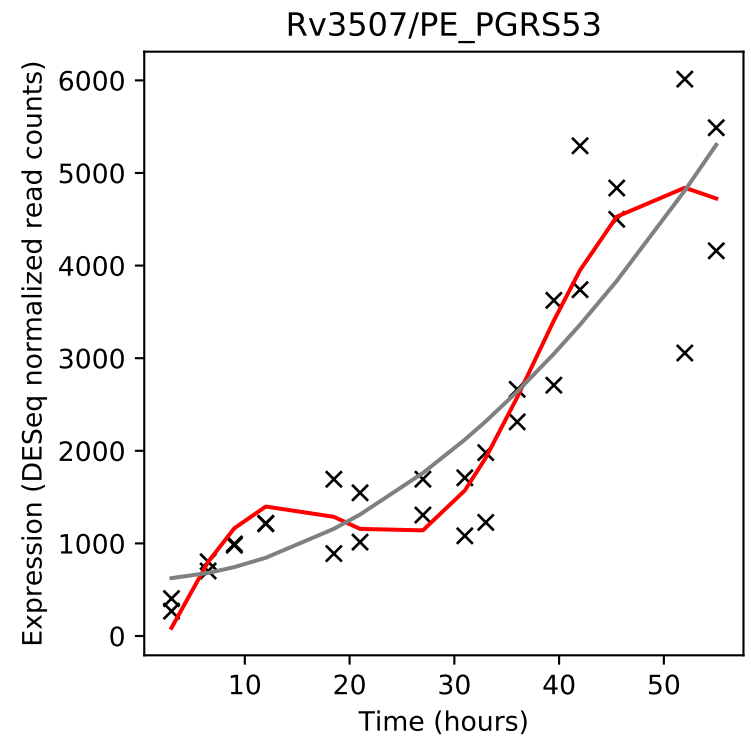

Rv3494c/mce4F
Expression (DESeq normalized read counts)
Time (hours)

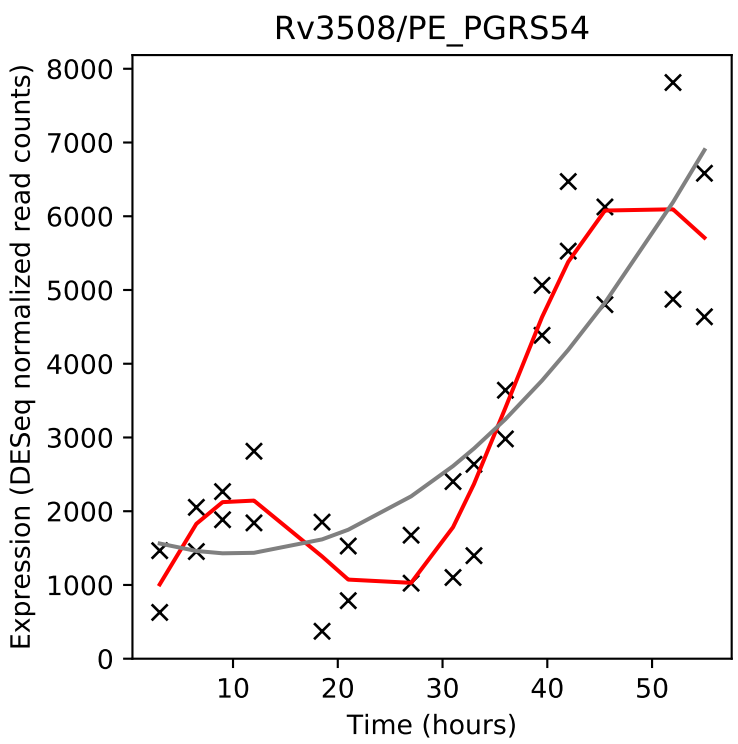

Rv3495c/lprN
Expression (DESeq normalized read counts)
Time (hours)

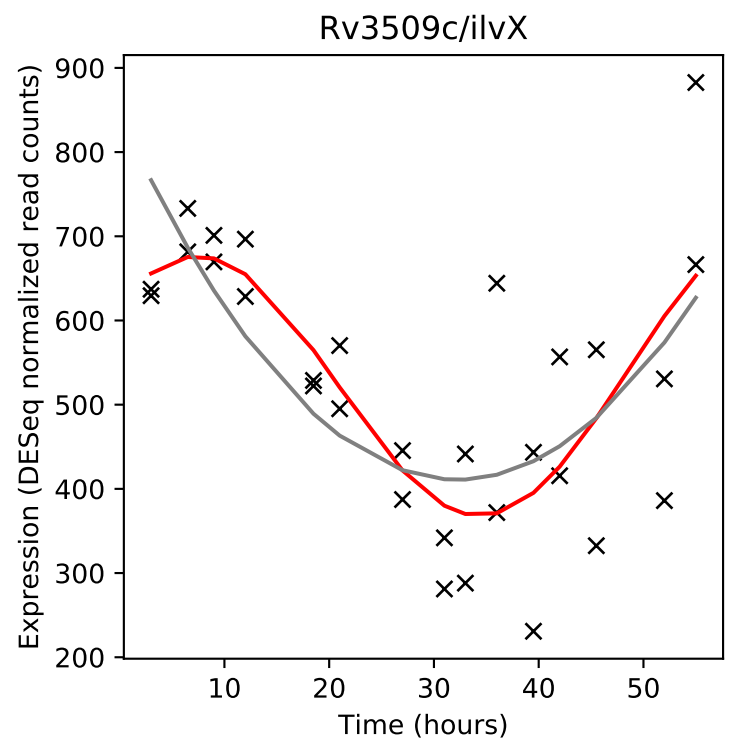

Rv3496c/mce4D
Rv3497c/mce4C
Rv3498c/mce4B
Rv3499c/mce4A
Rv3500c/yrbE4B
Rv3501c/yrbE4A
Rv3502c/-
Rv3503c/fdxD
Rv3504/fadE26
Expression (DESeq normalized read counts)
Time (hours)

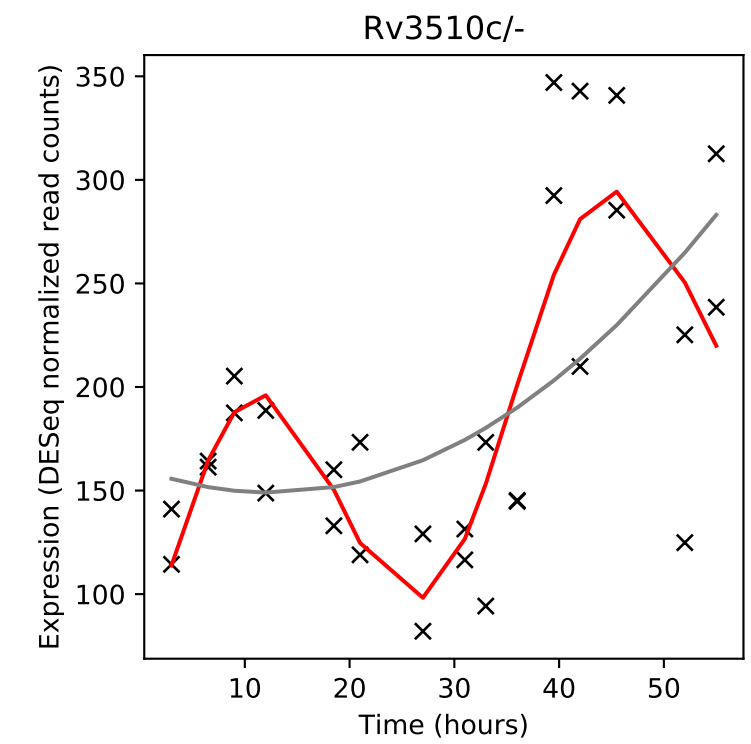

Rv3505/fadE27
Expression (DESeq normalized read counts)
Time (hours)

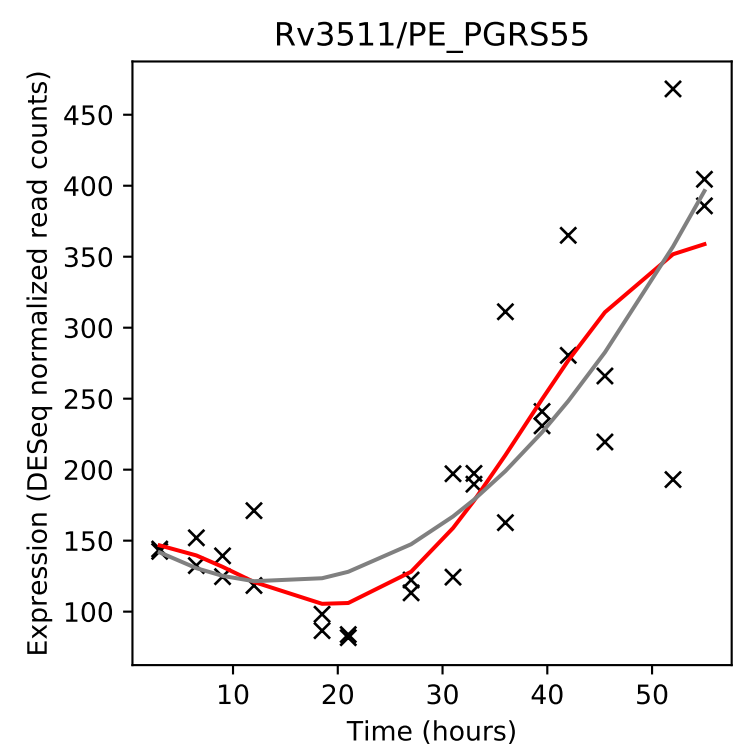

Rv3506/fadD17
Expression (DESeq normalized read counts)
Time (hours)

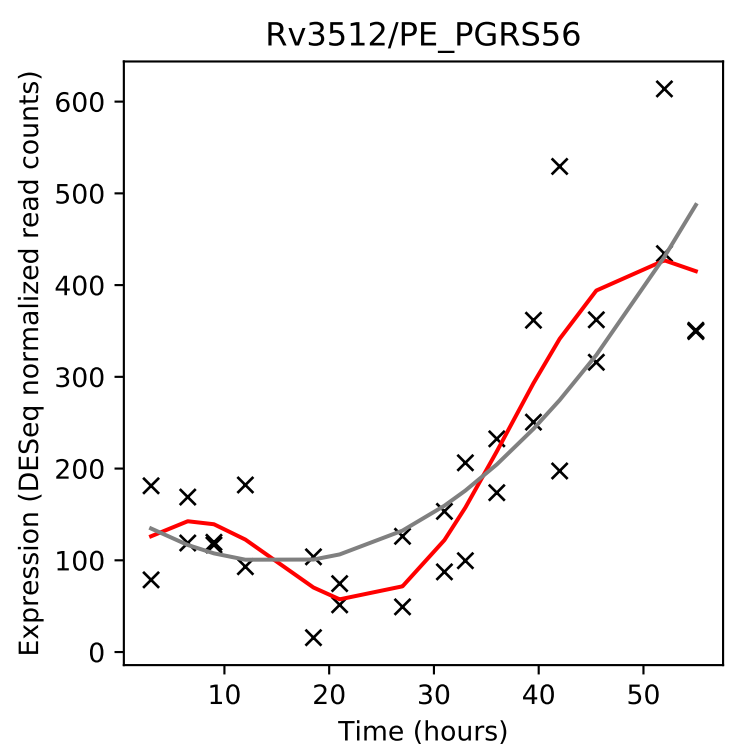

Rv3507/PE_PGRS53
Expression (DESeq normalized read counts)
Time (hours)

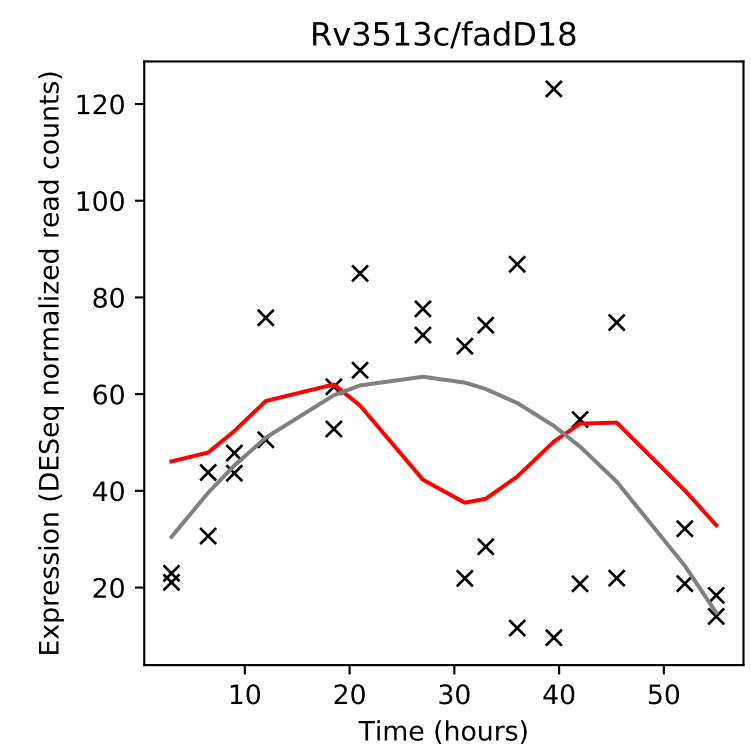

Rv3508/PE_PGRS54
Expression (DESeq normalized read counts)
Time (hours)

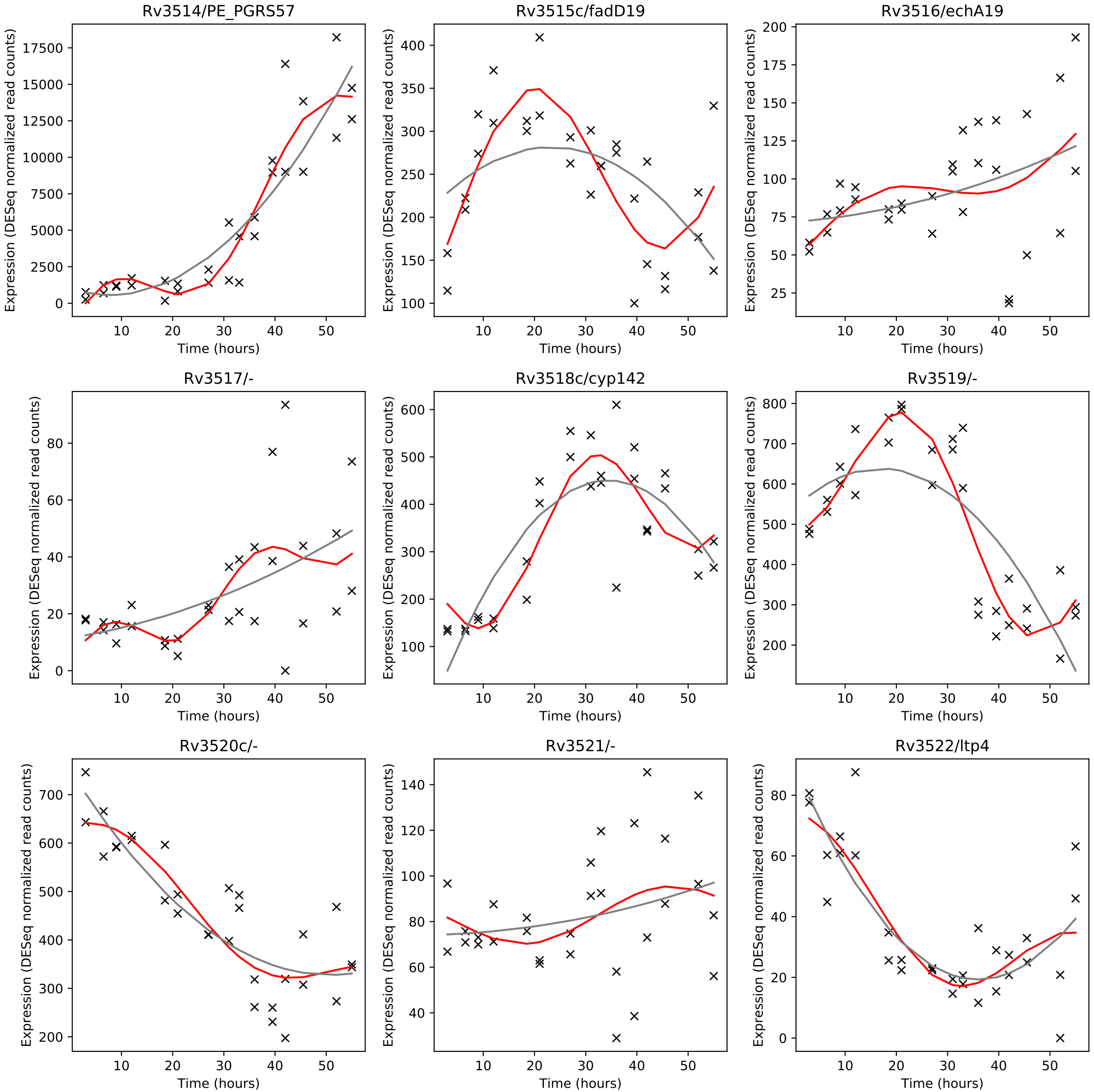

Rv3509c/ilvX
Expression (DESeq normalized read counts)
Time (hours)

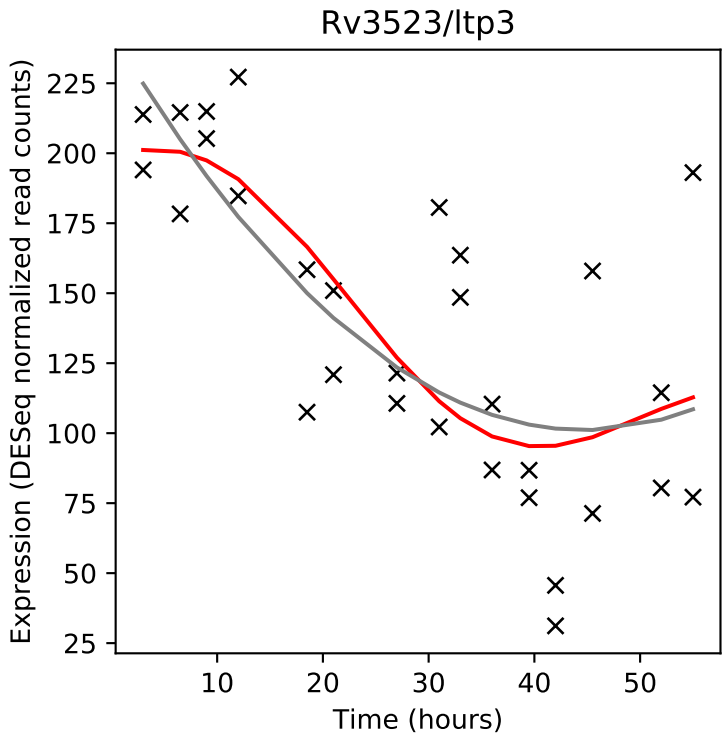

Rv3510c/-
Expression (DESeq normalized read counts)
Time (hours)

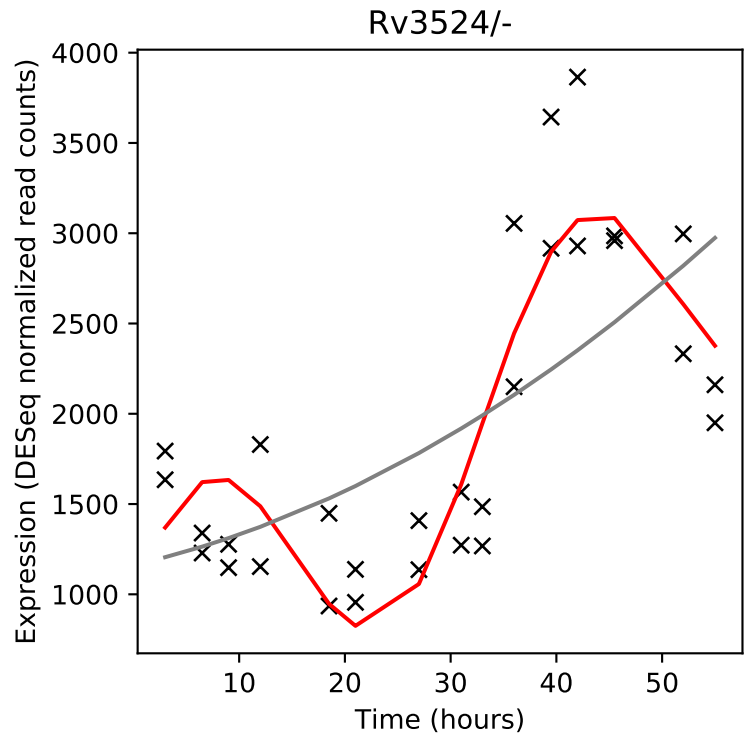

Rv3511/PE_PGRS55
Expression (DESeq normalized read counts)
Time (hours)

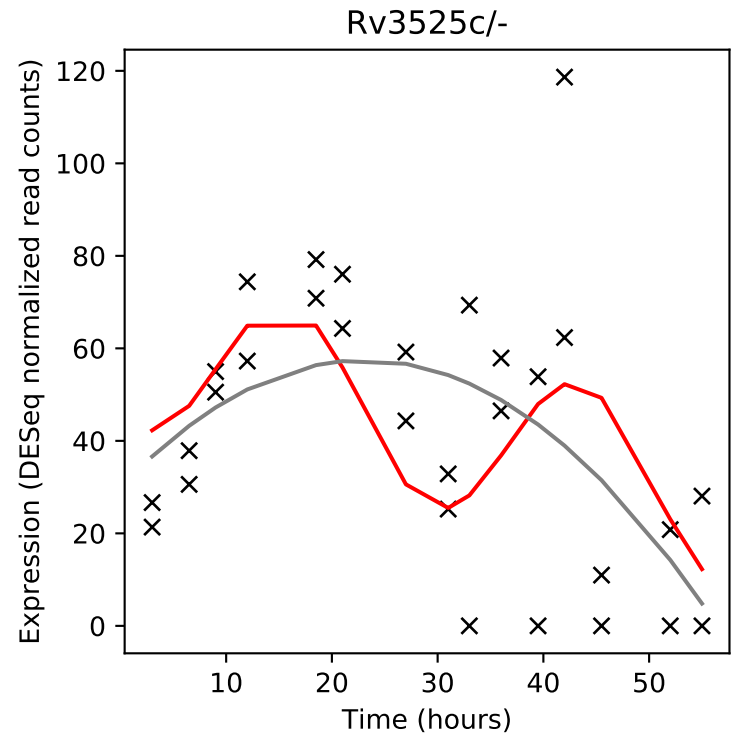

Rv3512/PE_PGRS56
Expression (DESeq normalized read counts)
Time (hours)

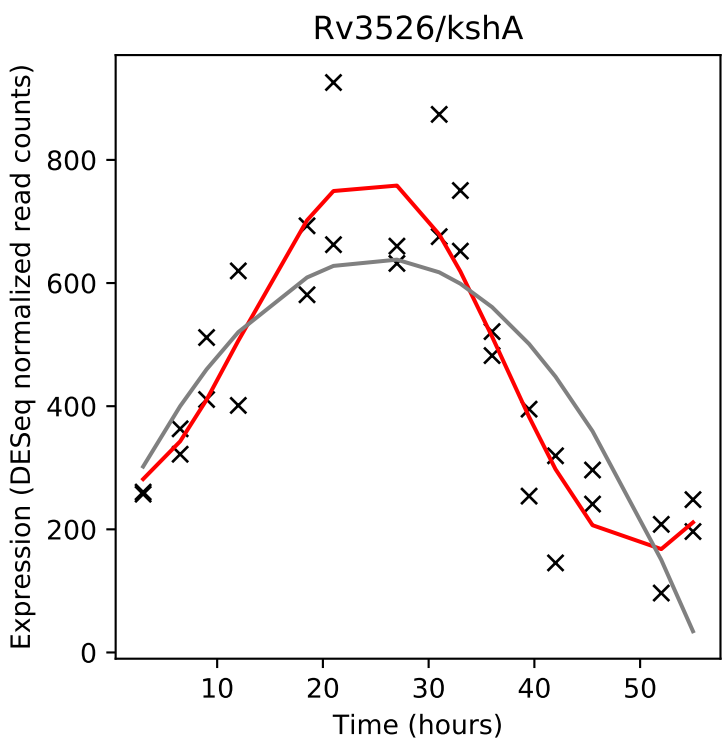

Rv3513c/fadD18
Expression (DESeq normalized read counts)
Time (hours)

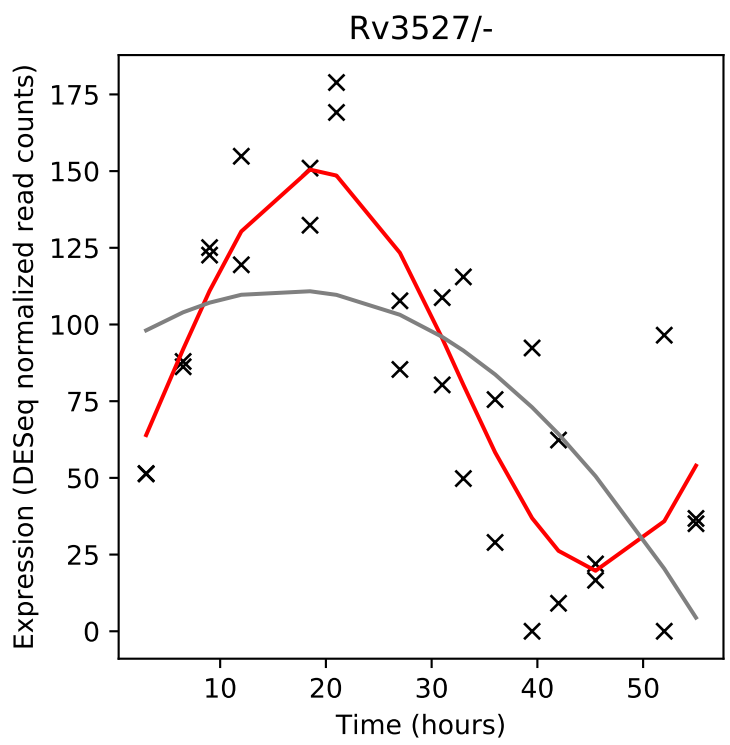

Rv3514/PE_PGRS57
Rv3515c/fadD19
Rv3516/echA19
Rv3517/-
Rv3518c/cyp142
Rv3519/-
Rv3520c/-
Rv3521/-
Rv3522/ltp4
Expression (DESeq normalized read counts)
Time (hours)

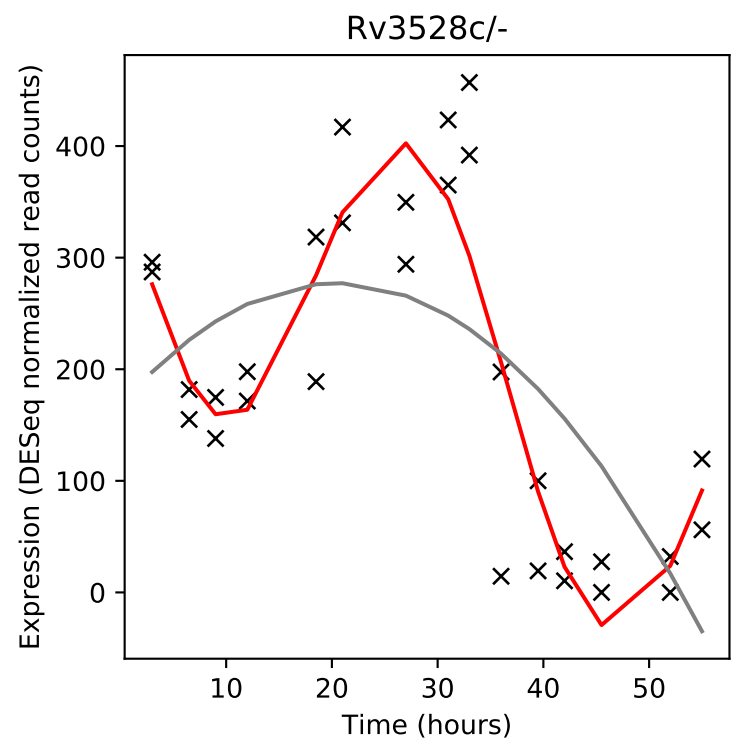

Rv3523/ltp3
Expression (DESeq normalized read counts)
Time (hours)

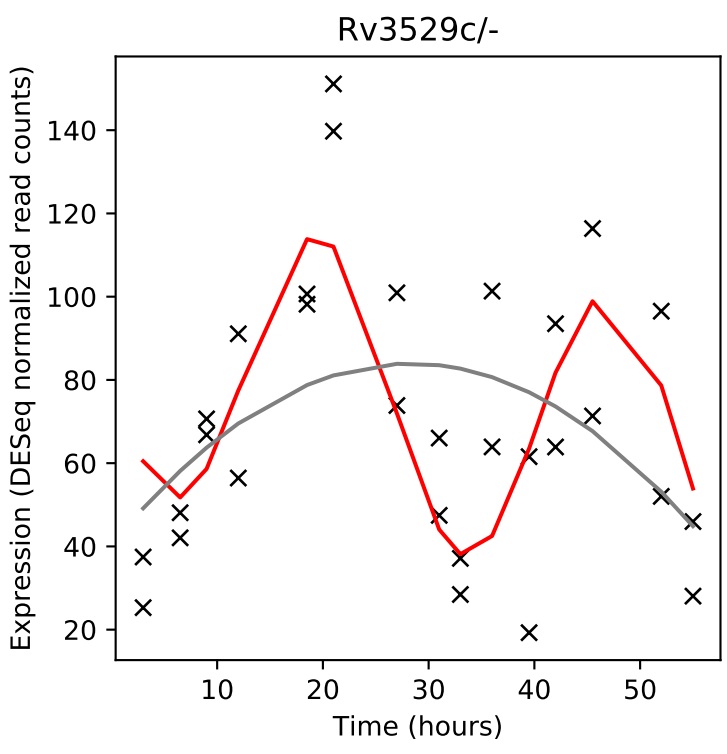

Rv3524/-
Expression (DESeq normalized read counts)
Time (hours)

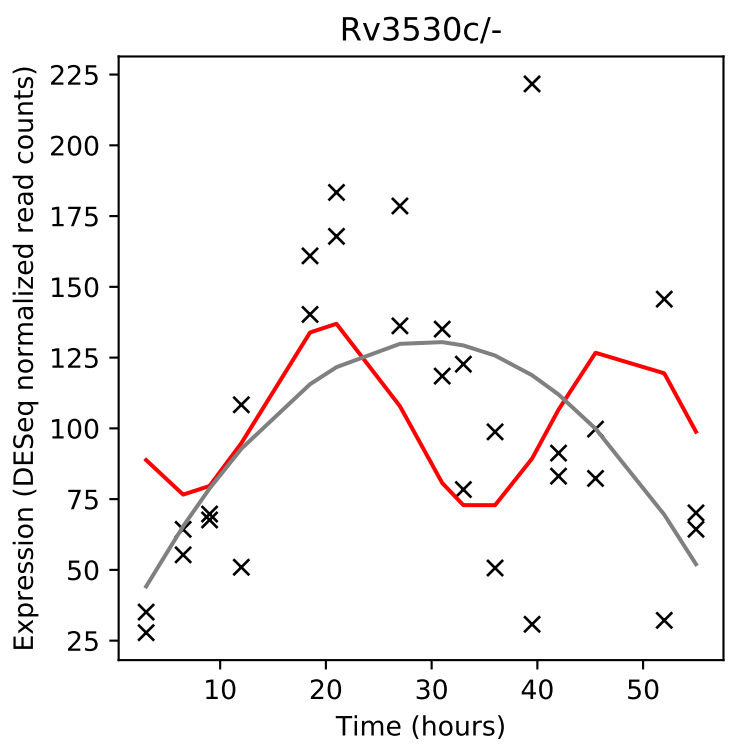

Rv3525c/-
Expression (DESeq normalized read counts)
Time (hours)

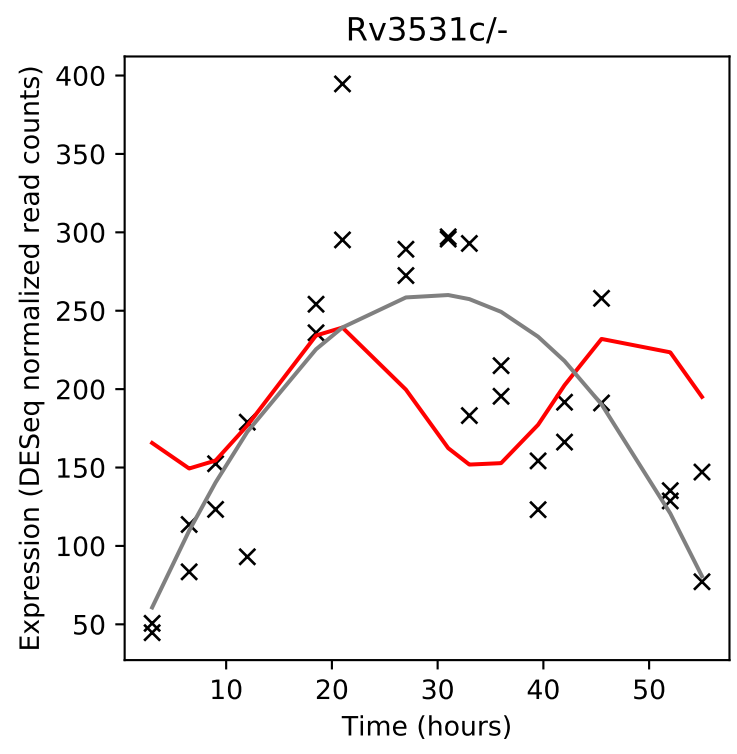

Rv3526/kshA
Expression (DESeq normalized read counts)
Time (hours)

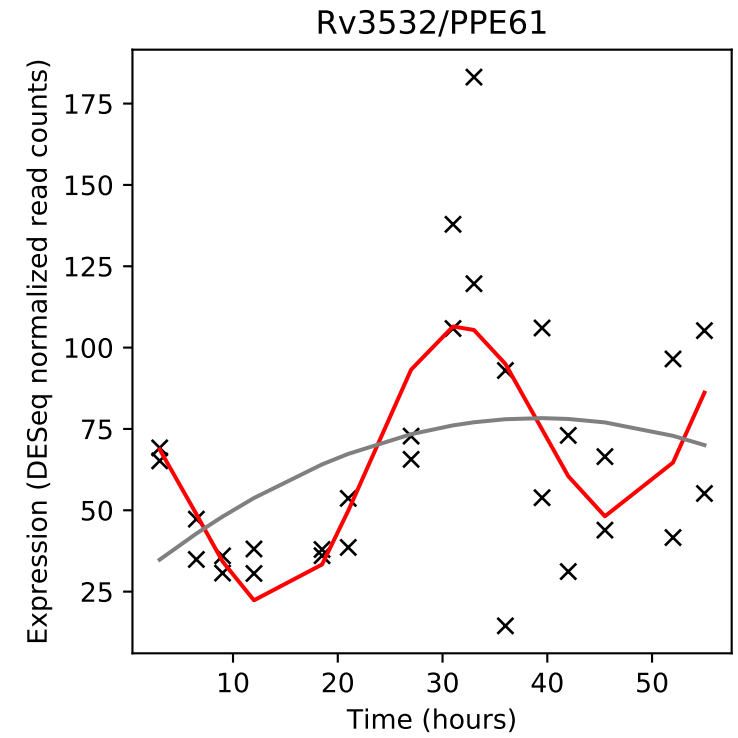

Rv3527/-
Expression (DESeq normalized read counts)
Time (hours)

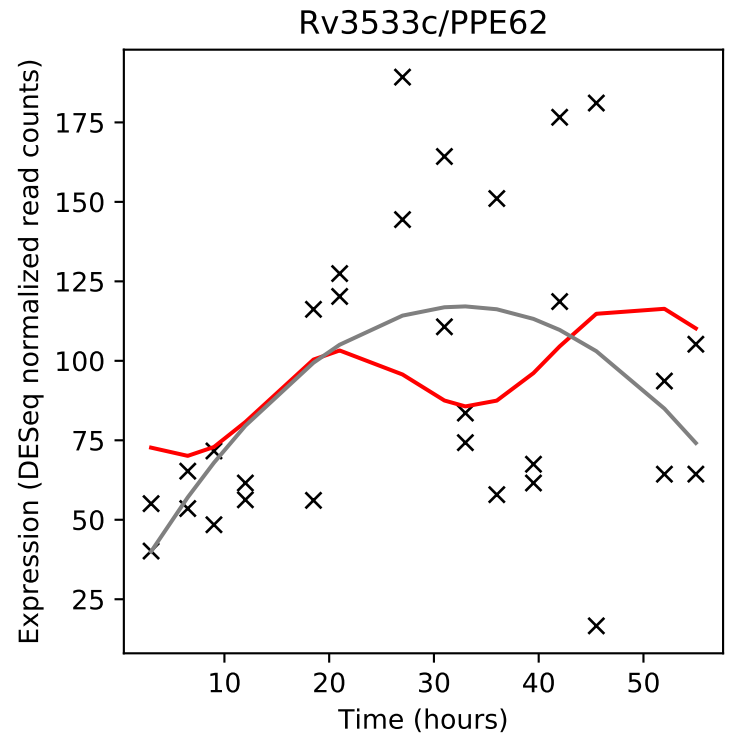

Rv3528c/-
Expression (DESeq normalized read counts)
Time (hours)

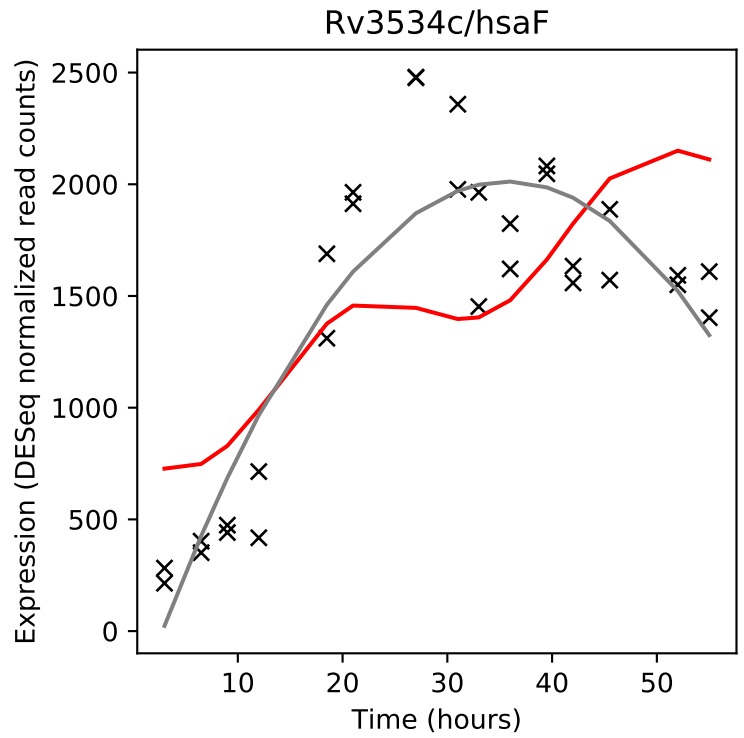

Rv3529c/-
Expression (DESeq normalized read counts)
Time (hours)

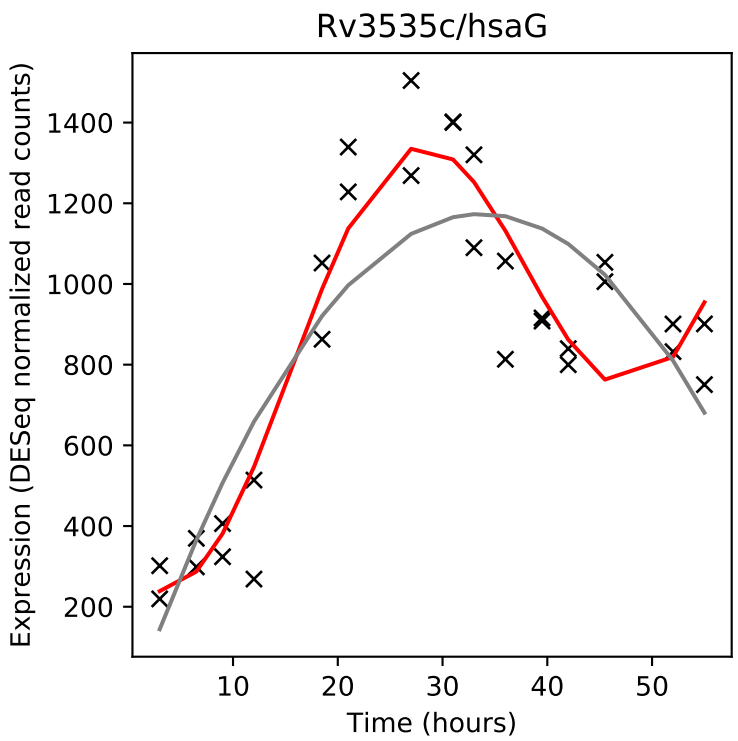

Rv3530c/-
Expression (DESeq normalized read counts)
Time (hours)

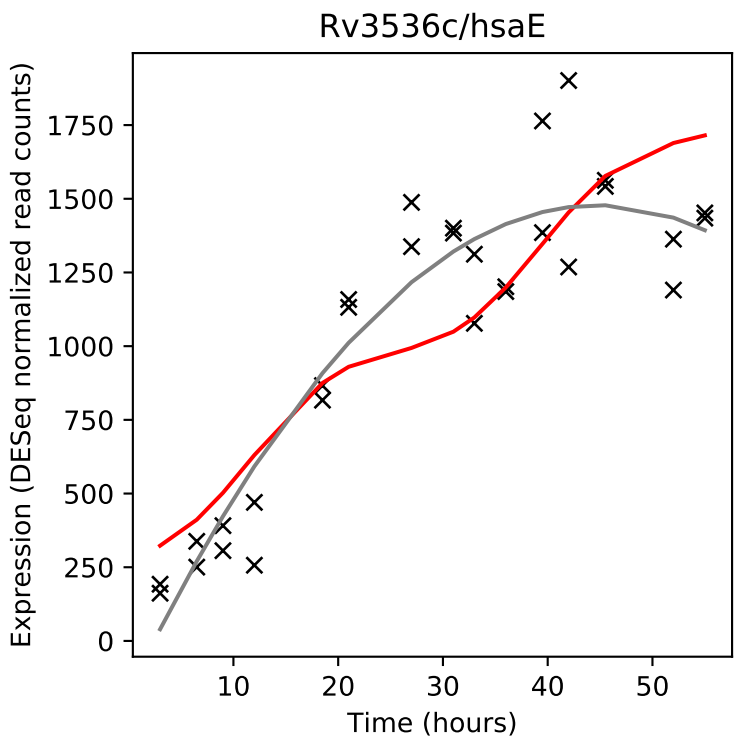

Rv3531c/-
Expression (DESeq normalized read counts)
Time (hours)

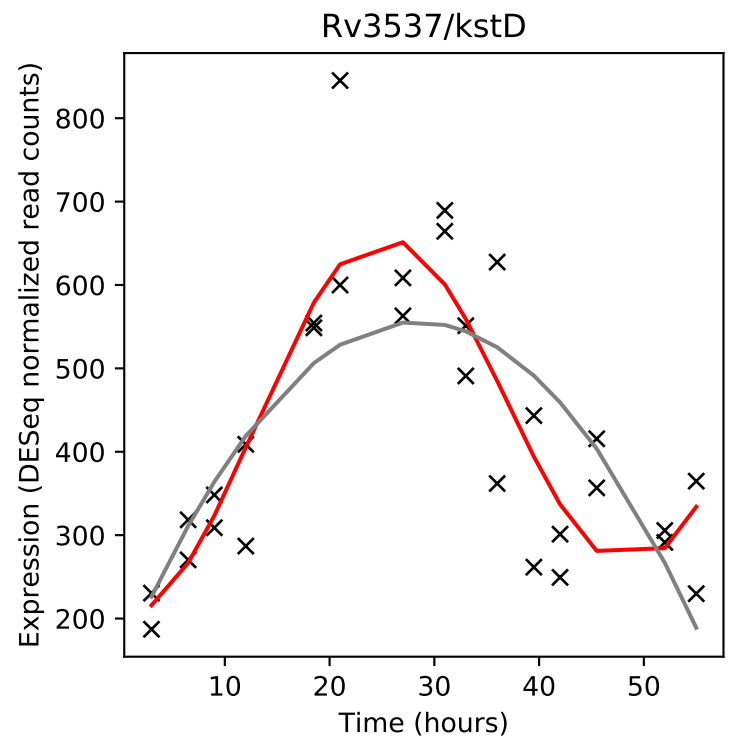

Rv3532/PPE61
Expression (DESeq normalized read counts)
Time (hours)

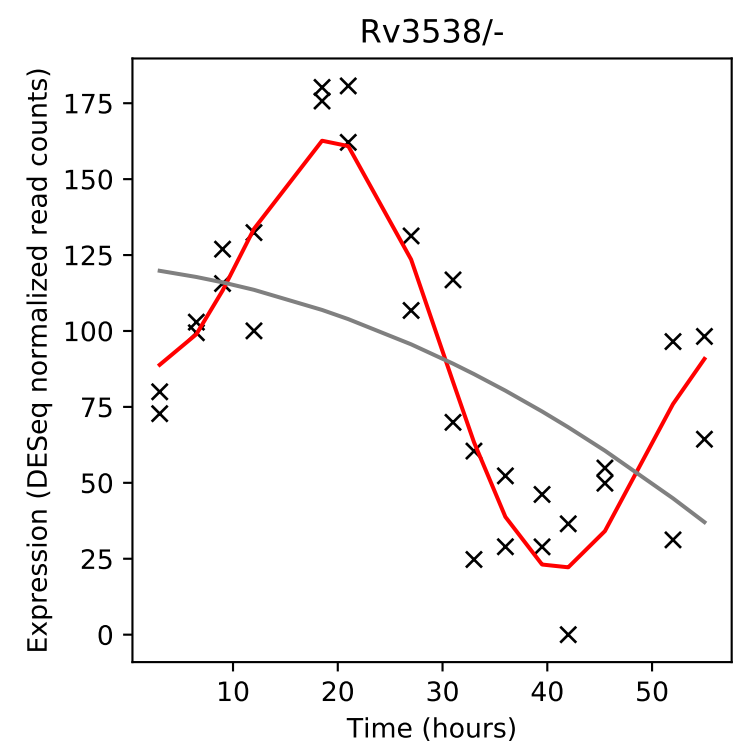

Rv3533c/PPE62
Expression (DESeq normalized read counts)
Time (hours)

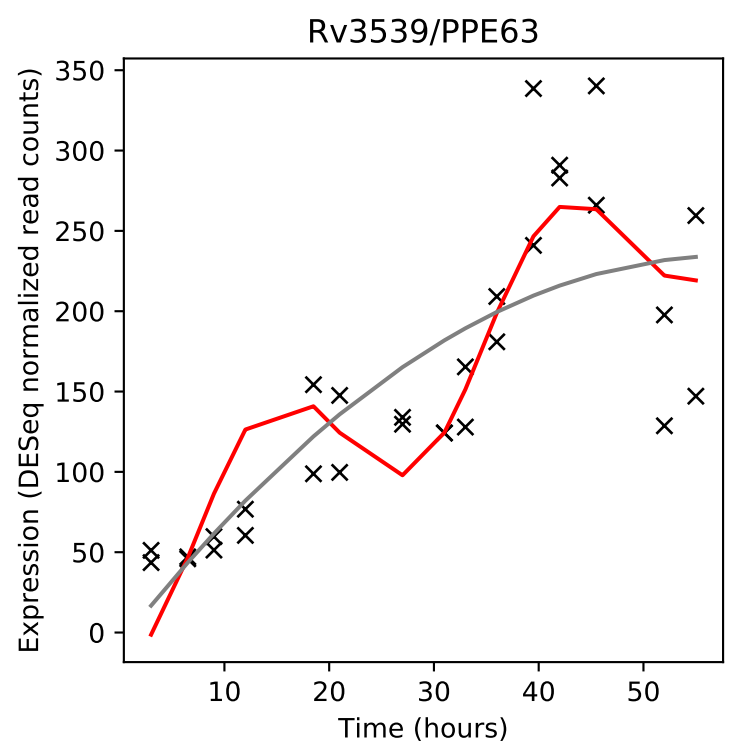

Rv3534c/hsaF
Expression (DESeq normalized read counts)
Time (hours)

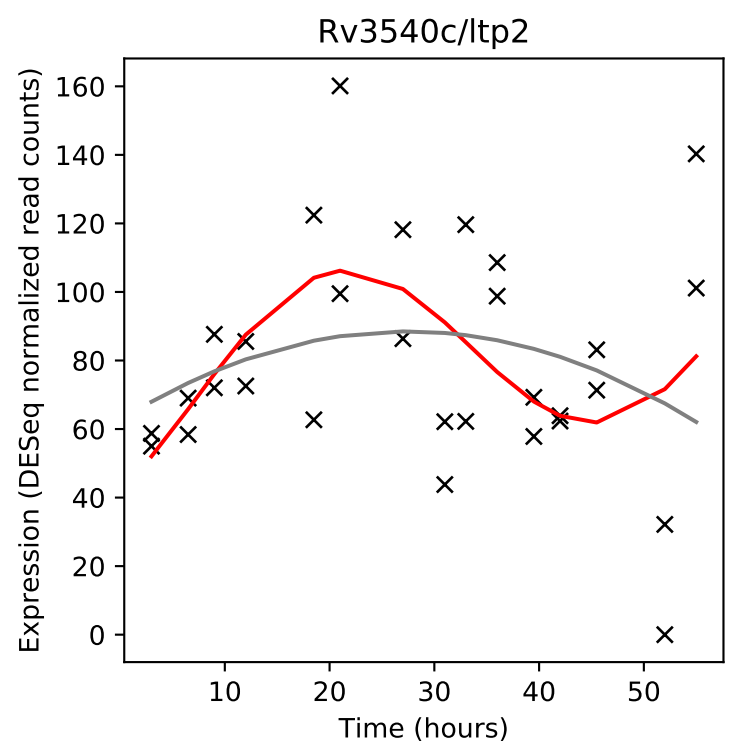

Rv3535c/hsaG
Expression (DESeq normalized read counts)
Time (hours)

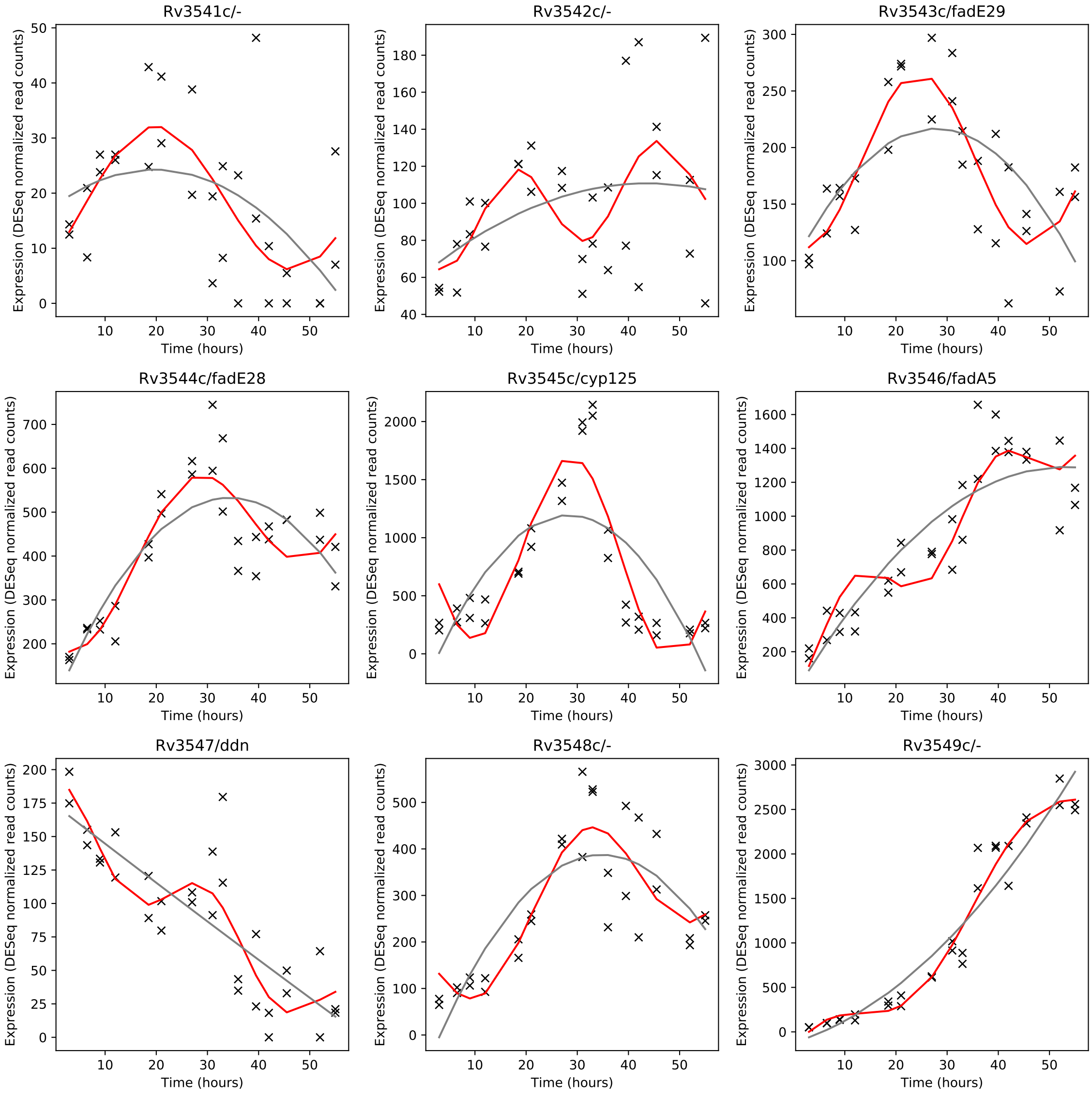

Rv3536c/hsaE
Expression (DESeq normalized read counts)
Time (hours)

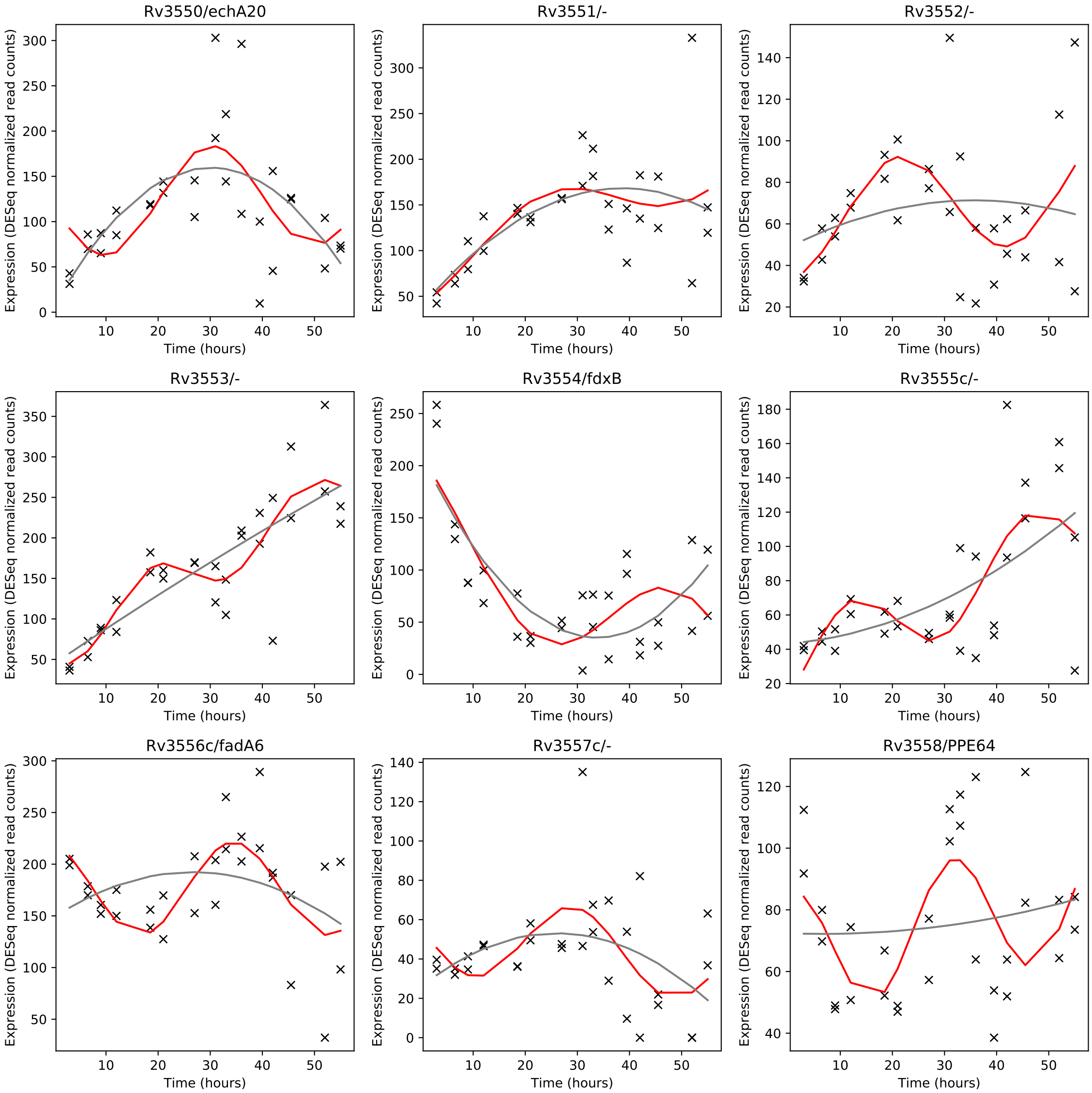

Rv3537/kstD
Expression (DESeq normalized read counts)
Time (hours)

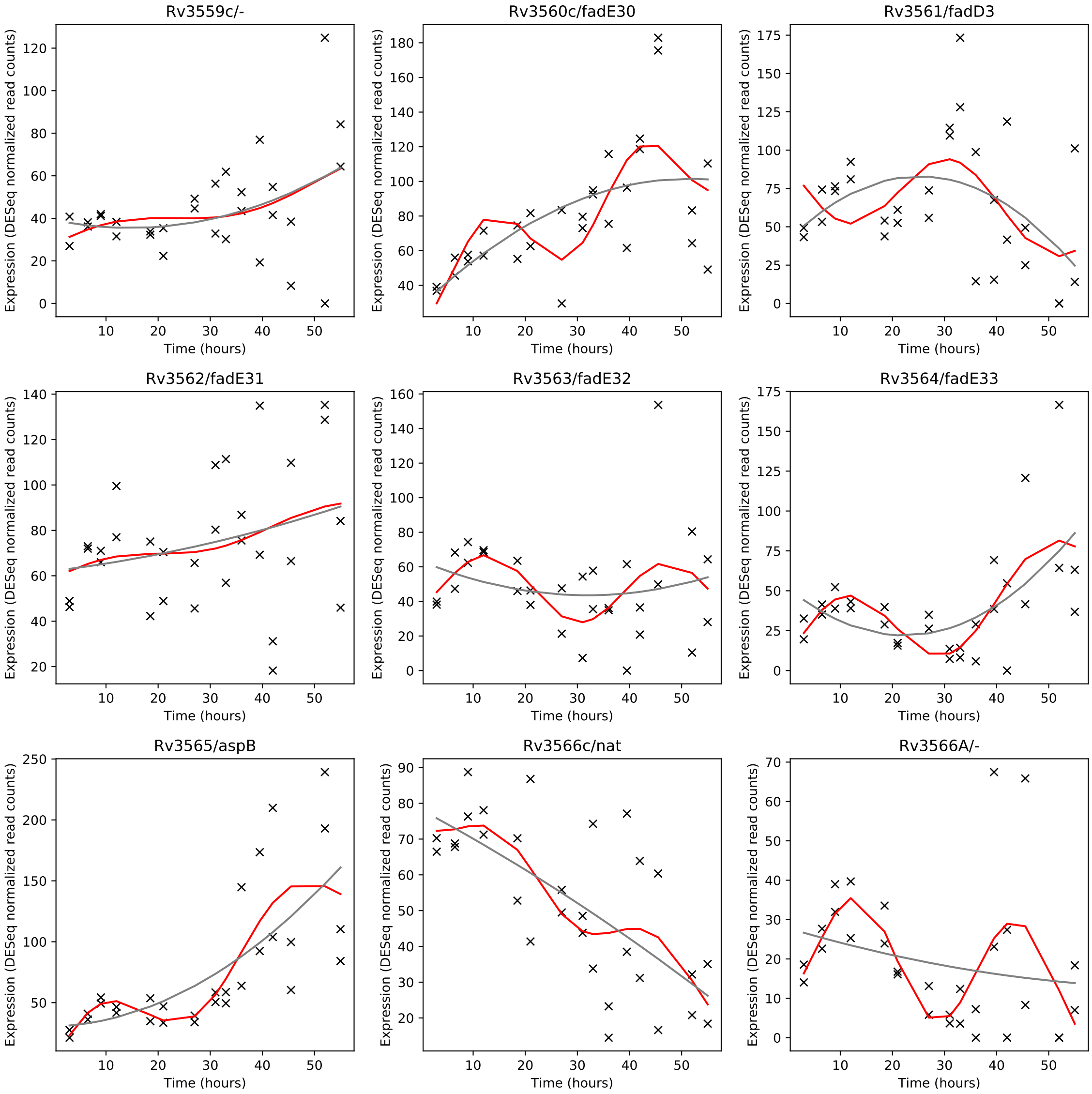

Rv3538/-
Expression (DESeq normalized read counts)
Time (hours)

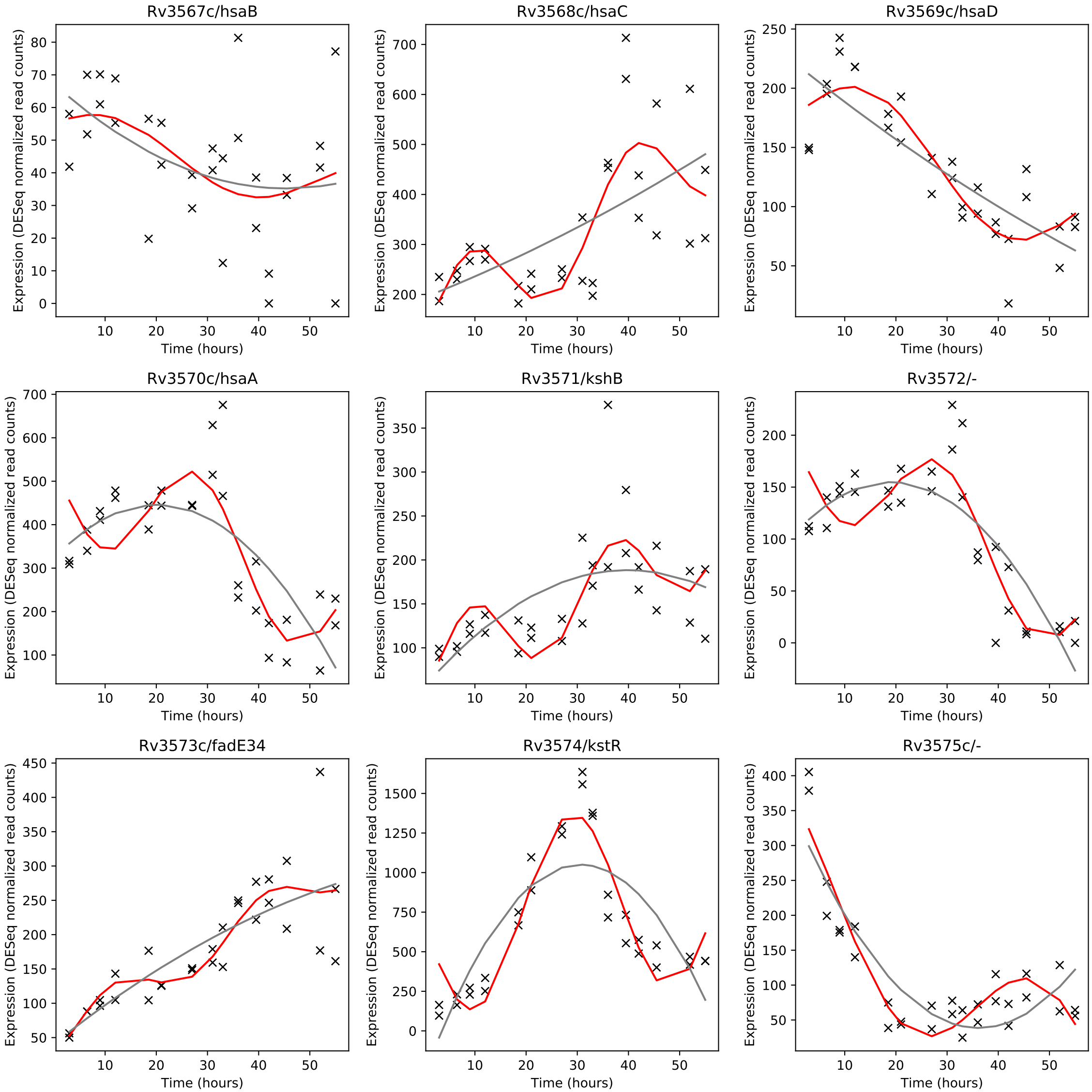

Rv3539/PPE63
Expression (DESeq normalized read counts)
Time (hours)

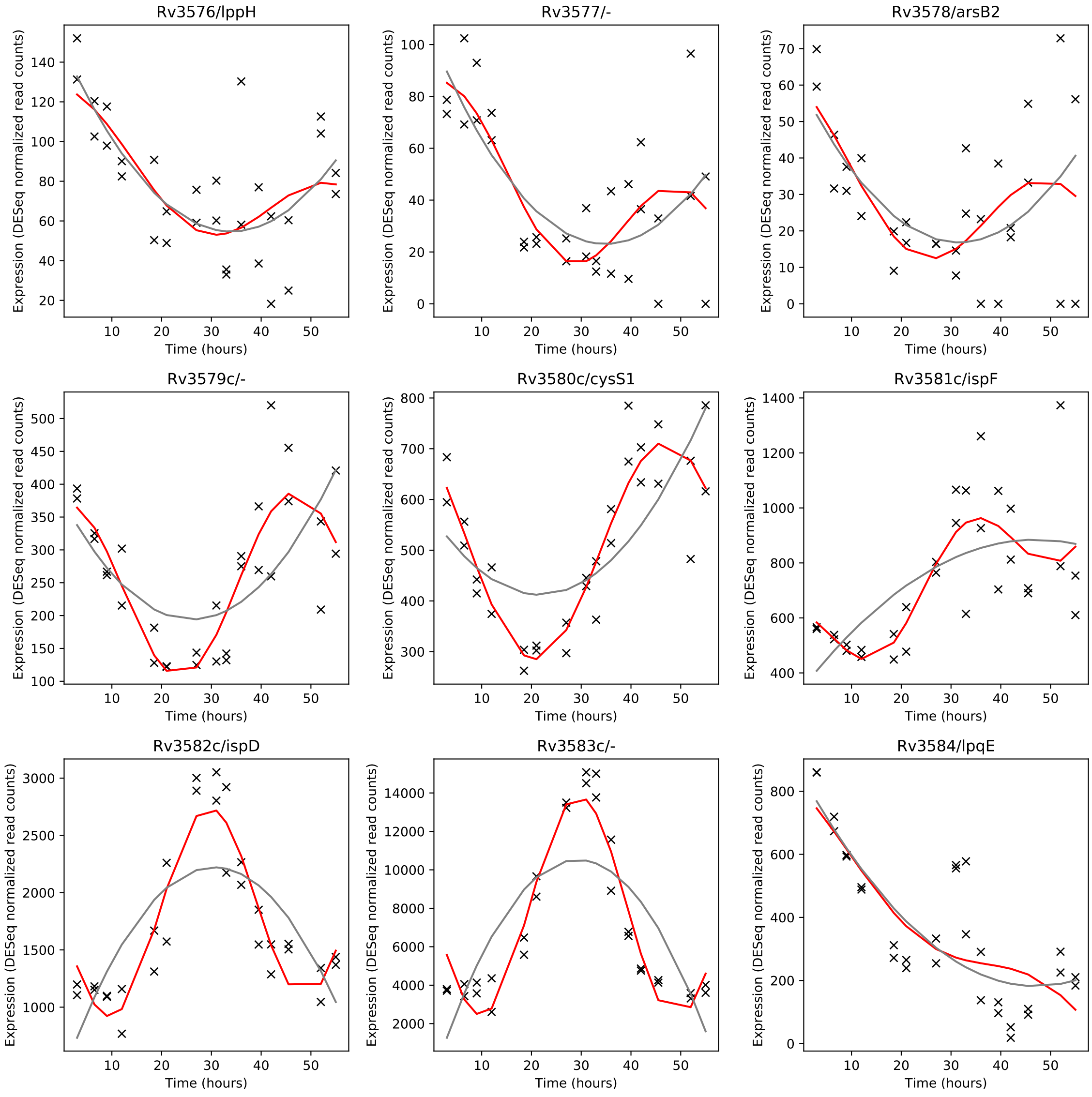

Rv3540c/ltp2
Expression (DESeq normalized read counts)
Time (hours)

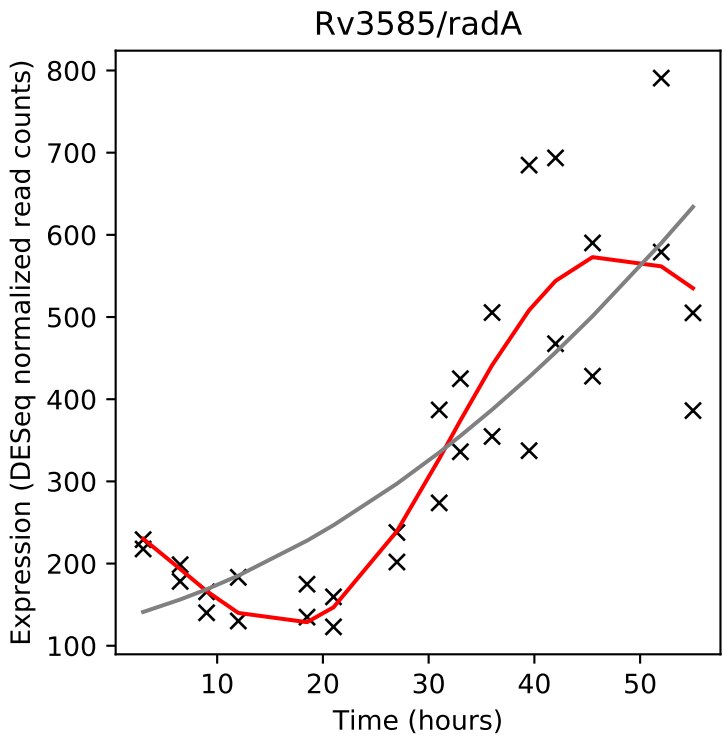

Rv3541c/-
Rv3542c/-
Rv3543c/fadE29
Rv3544c/fadE28
Rv3545c/cyp125
Rv3546/fadA5
Rv3547/ddn
Rv3548c/-
Rv3549c/-
Expression (DESeq normalized read counts)
Time (hours)

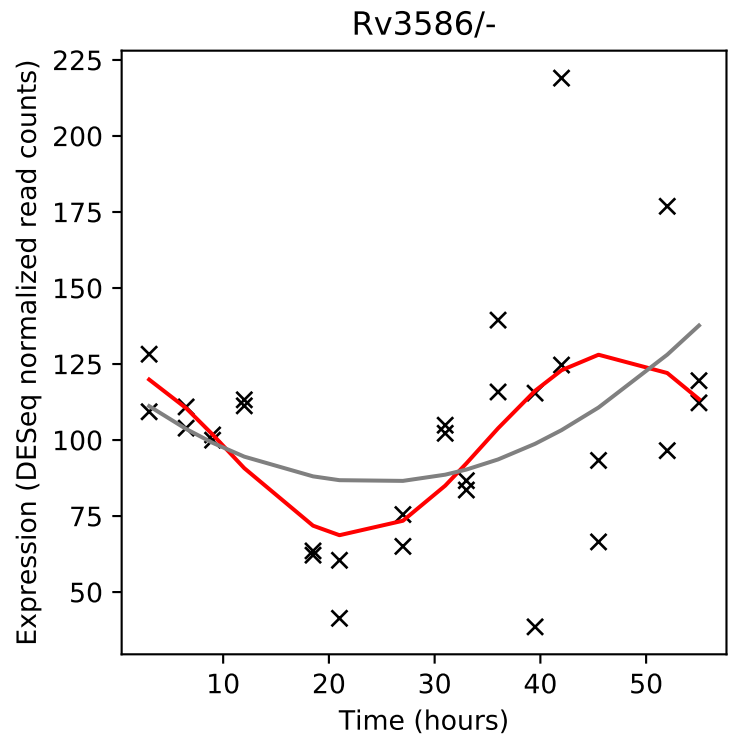

Rv3550/echA20
Rv3551/-
Rv3552/-
Rv3553/-
Rv3554/fdxB
Rv3555c/-
Rv3556c/fadA6
Rv3557c/-
Rv3558/PPE64
Expression (DESeq normalized read counts)
Time (hours)

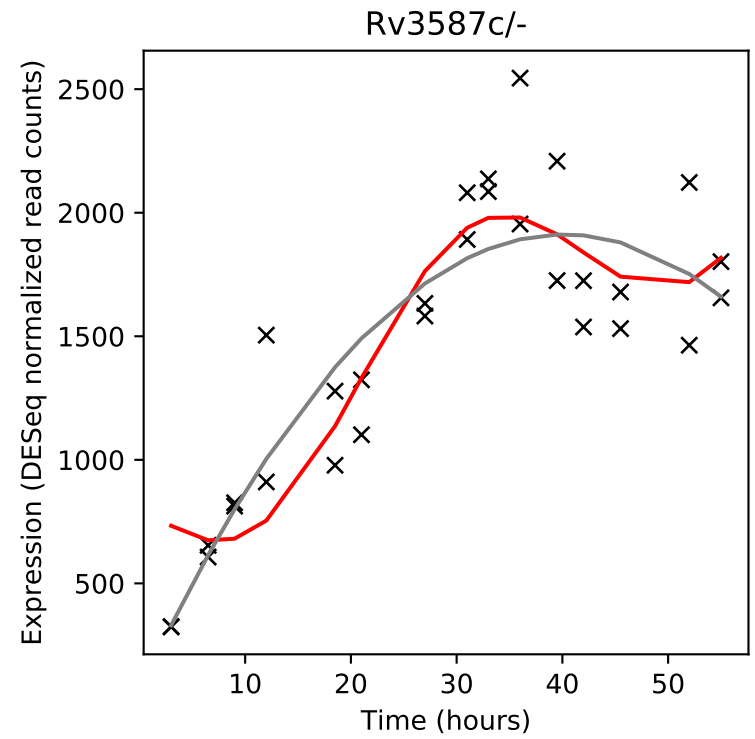

Rv3559c/-
Rv3560c/fadE30
Rv3561/fadD3
Rv3562/fadE31
Rv3563/fadE32
Rv3564/fadE33
Rv3565/aspB
Rv3566c/nat
Rv3566A/-
Expression (DESeq normalized read counts)
Time (hours)

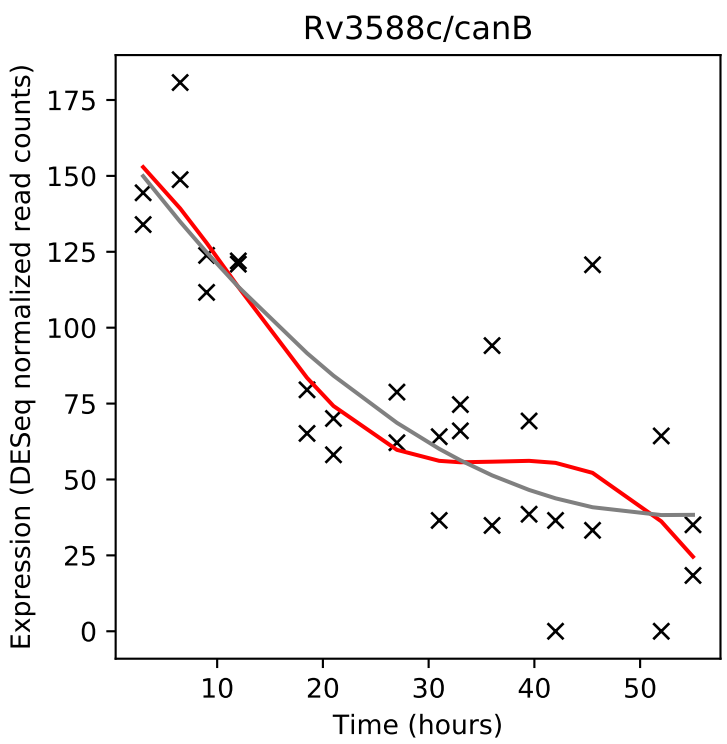

Rv3567c/hsaB
Rv3568c/hsaC
Rv3569c/hsaD
Rv3570c/hsaA
Rv3571/kshB
Rv3572/-
Rv3573c/fadE34
Rv3574/kstR
Rv3575c/-
Expression (DESeq normalized read counts)
Time (hours)

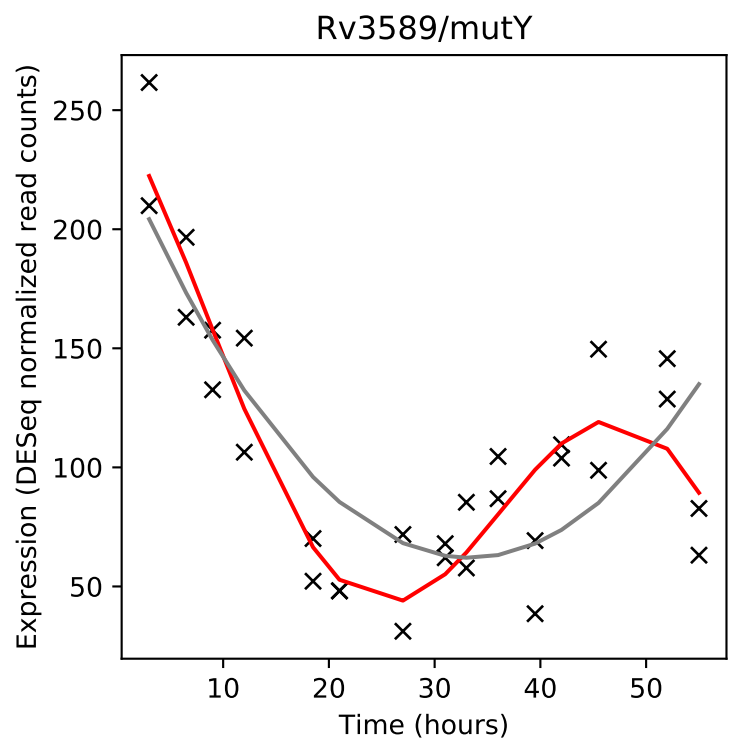

Rv3576/lppH
Rv3577/-
Rv3578/arsB2
Rv3579c/-
Rv3580c/cysS1
Rv3581c/ispF
Rv3582c/ispD
Rv3583c/-
Rv3584/lpqE
Expression (DESeq normalized read counts)
Time (hours)

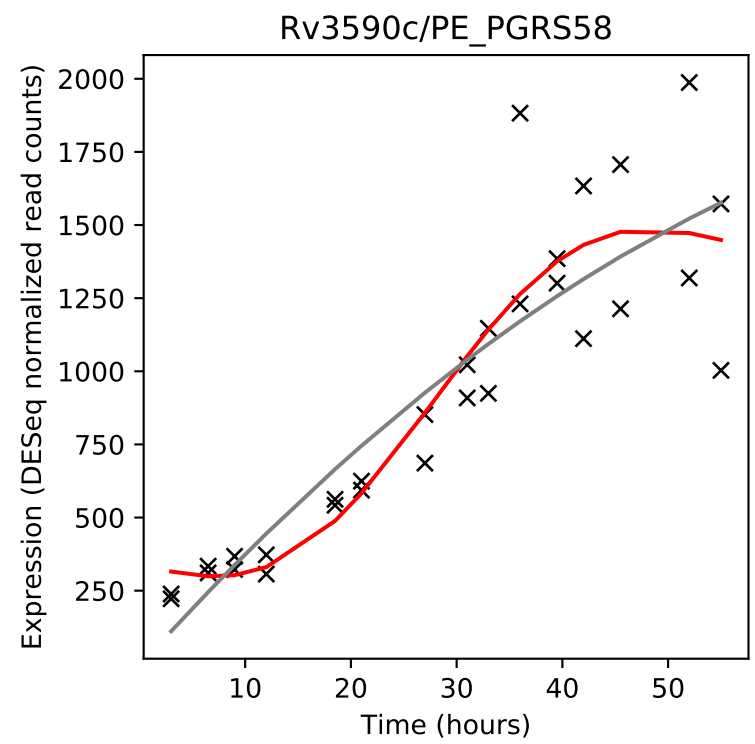

Rv3585/radA
Expression (DESeq normalized read counts)
Time (hours)

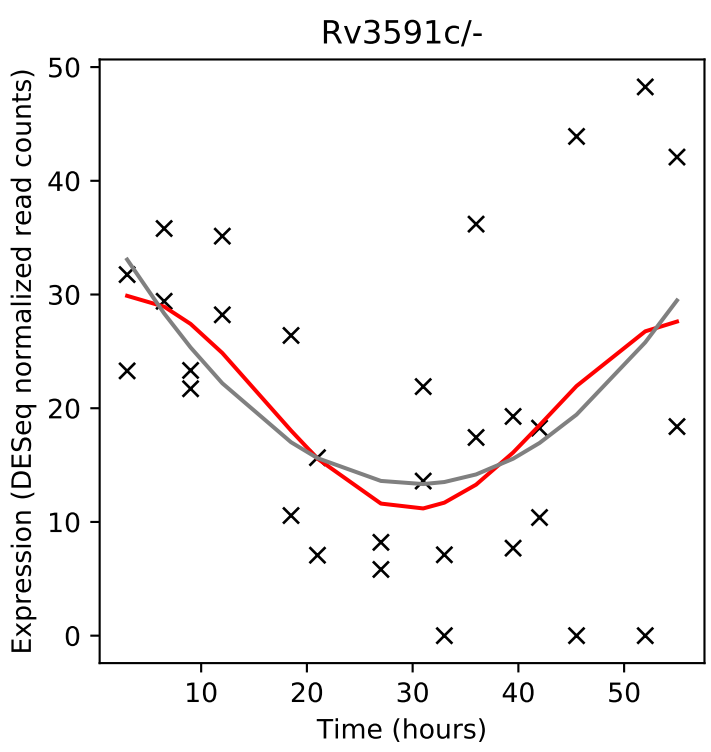

Rv3586/-
Expression (DESeq normalized read counts)
Time (hours)

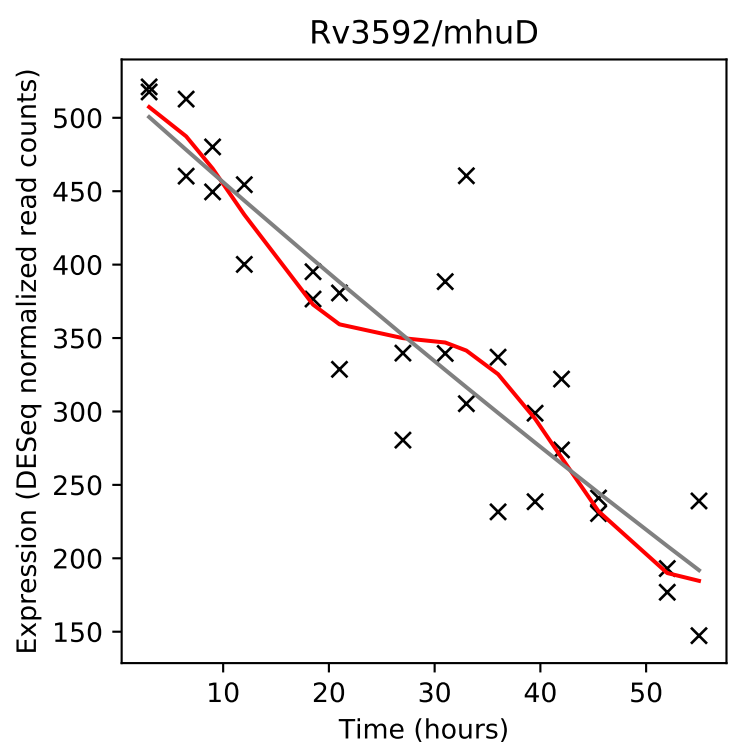

Rv3587c/-
Expression (DESeq normalized read counts)
Time (hours)

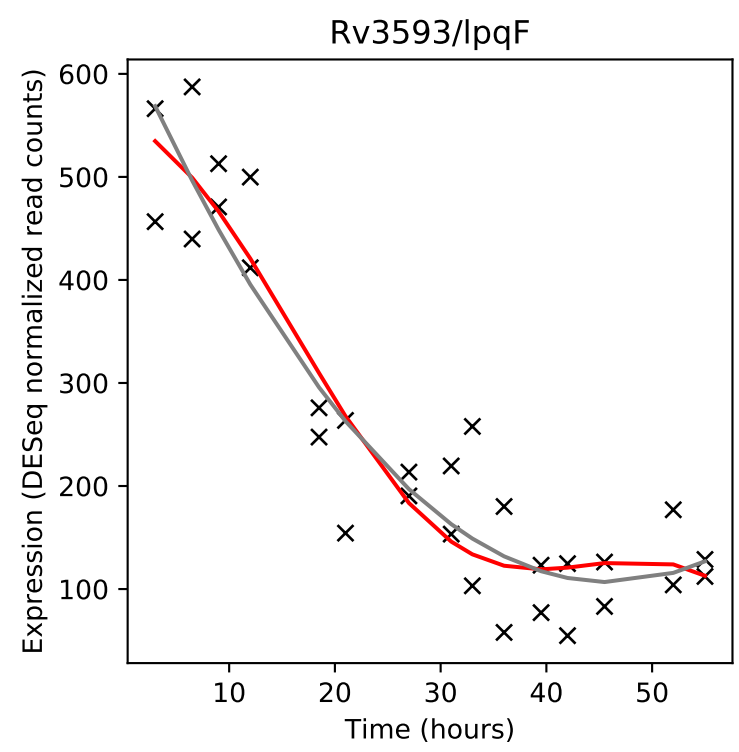

Rv3588c/canB
Expression (DESeq normalized read counts)
Time (hours)

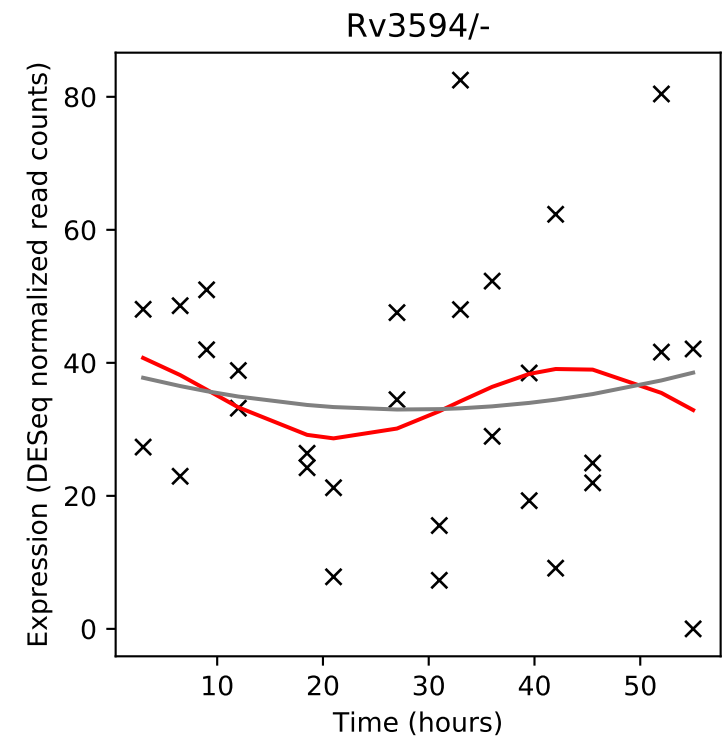

Rv3589/mutY
Expression (DESeq normalized read counts)
Time (hours)

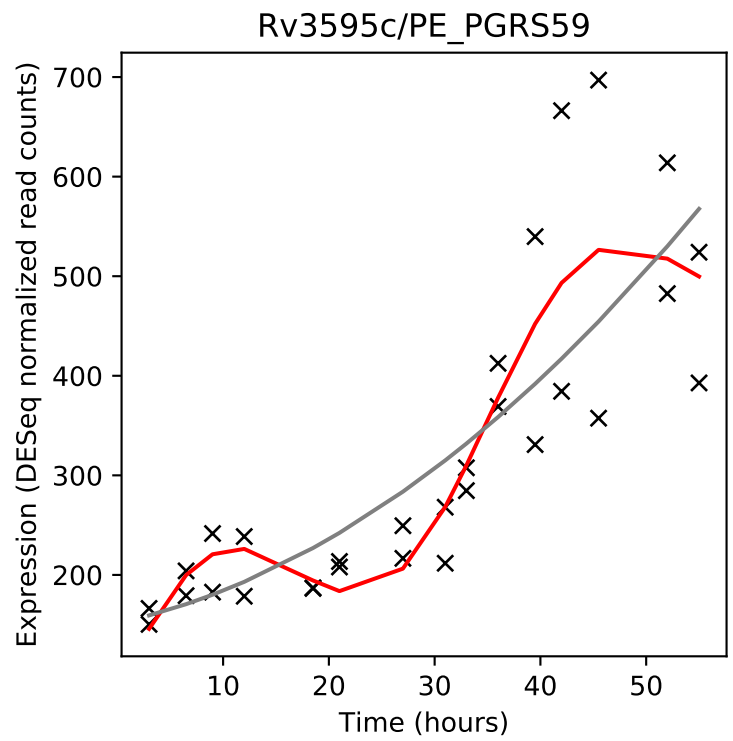

Rv3590c/PE_PGRS58
Expression (DESeq normalized read counts)
Time (hours)

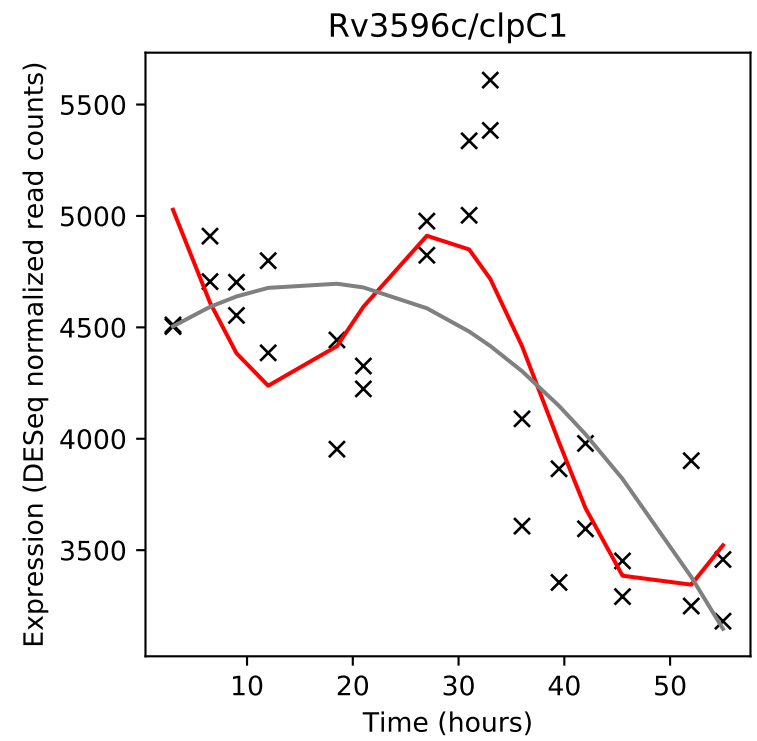

Rv3591c/-
Expression (DESeq normalized read counts)
Time (hours)

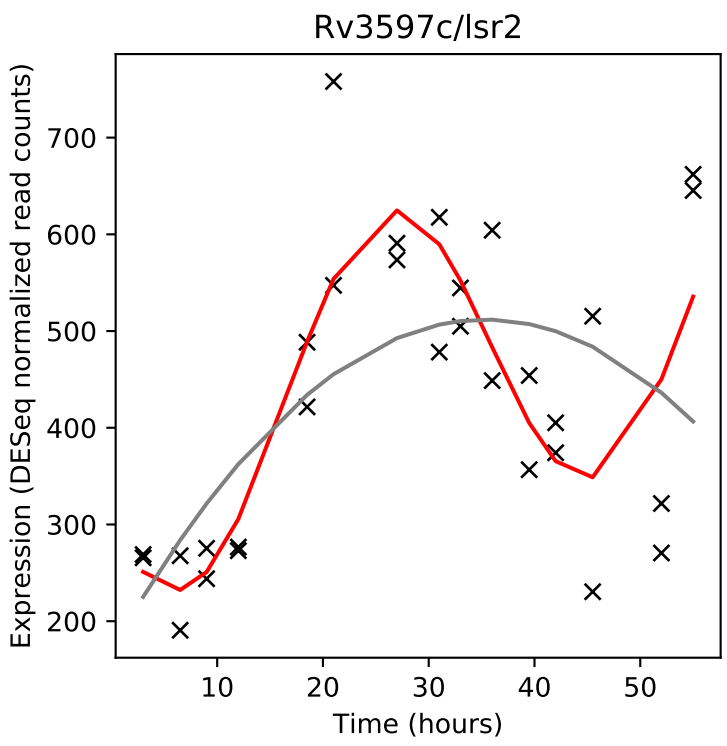

Rv3592/mhuD
Expression (DESeq normalized read counts)
Time (hours)

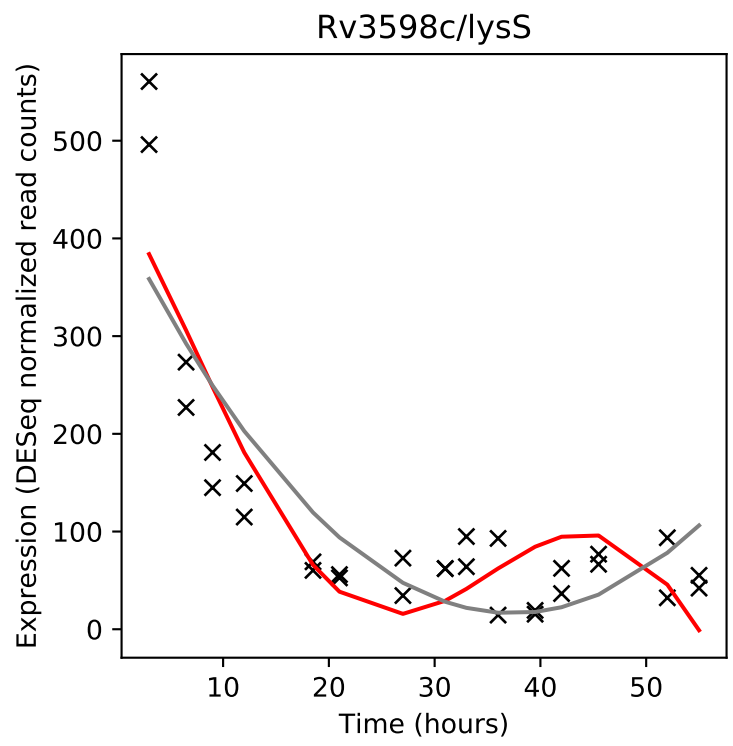

Rv3593/lpqF
Expression (DESeq normalized read counts)
Time (hours)

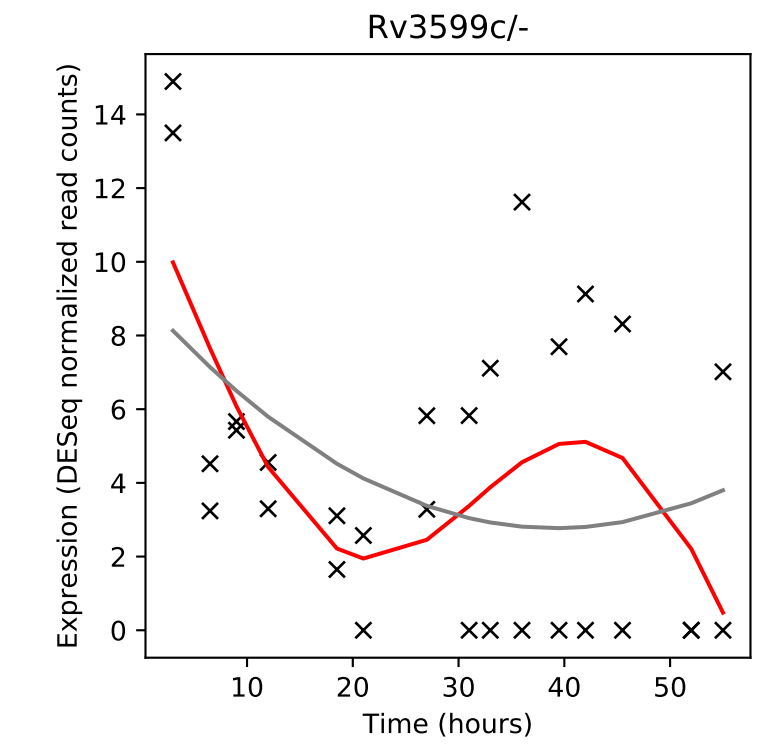

Rv3594/-
Expression (DESeq normalized read counts)
Time (hours)

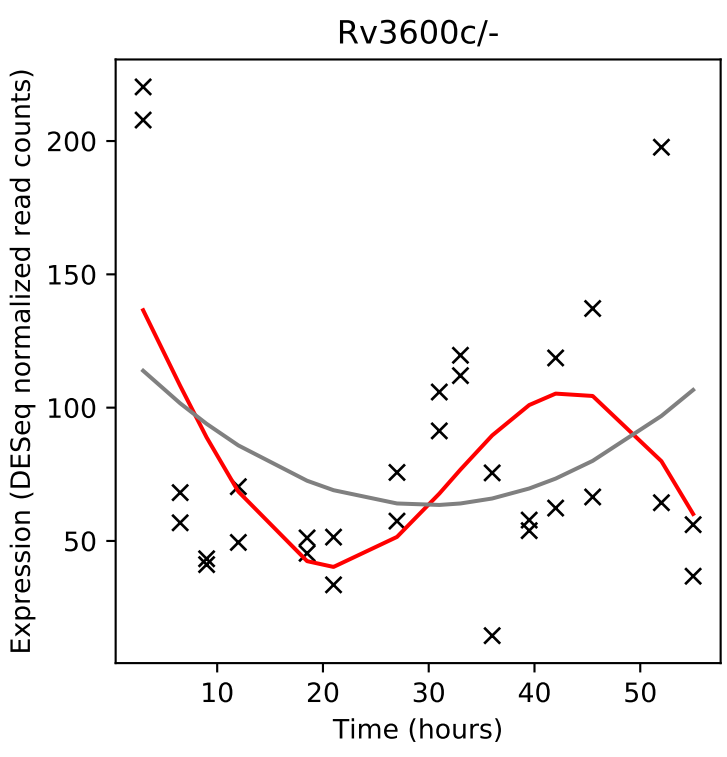

Rv3595c/PE_PGRS59
Expression (DESeq normalized read counts)
Time (hours)

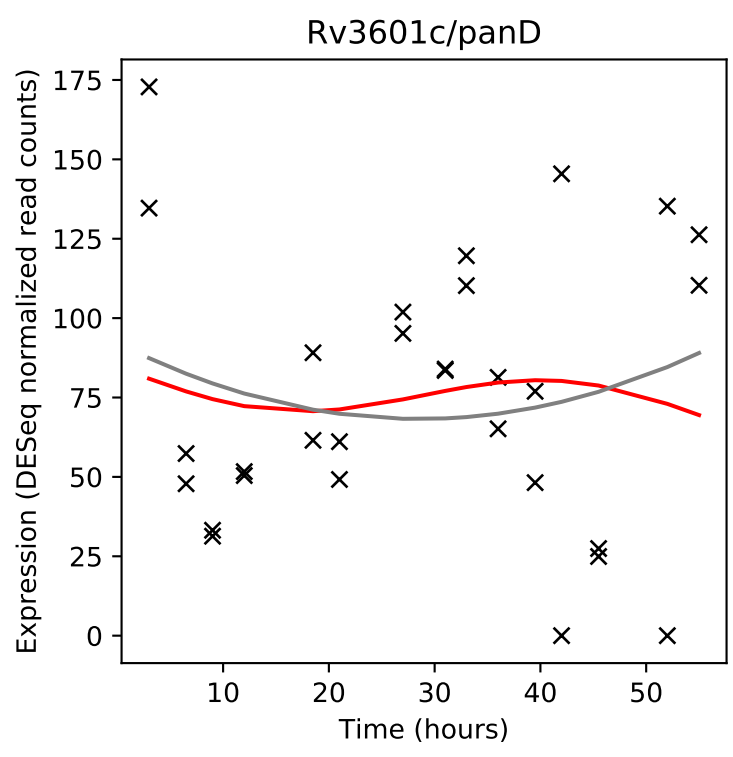

Rv3596c/clpC1
Expression (DESeq normalized read counts)
Time (hours)

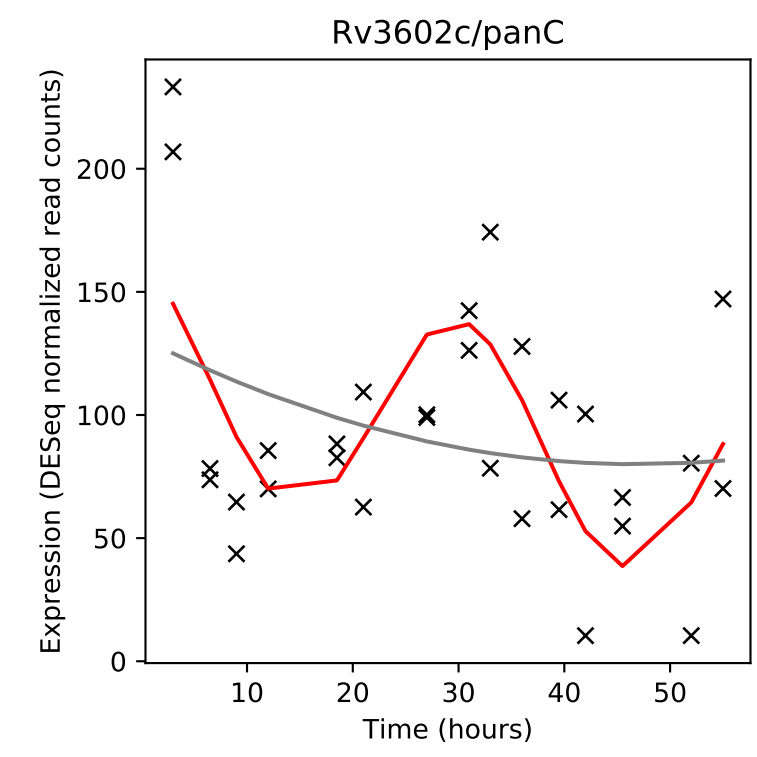

Rv3597c/lsr2
Expression (DESeq normalized read counts)
Time (hours)

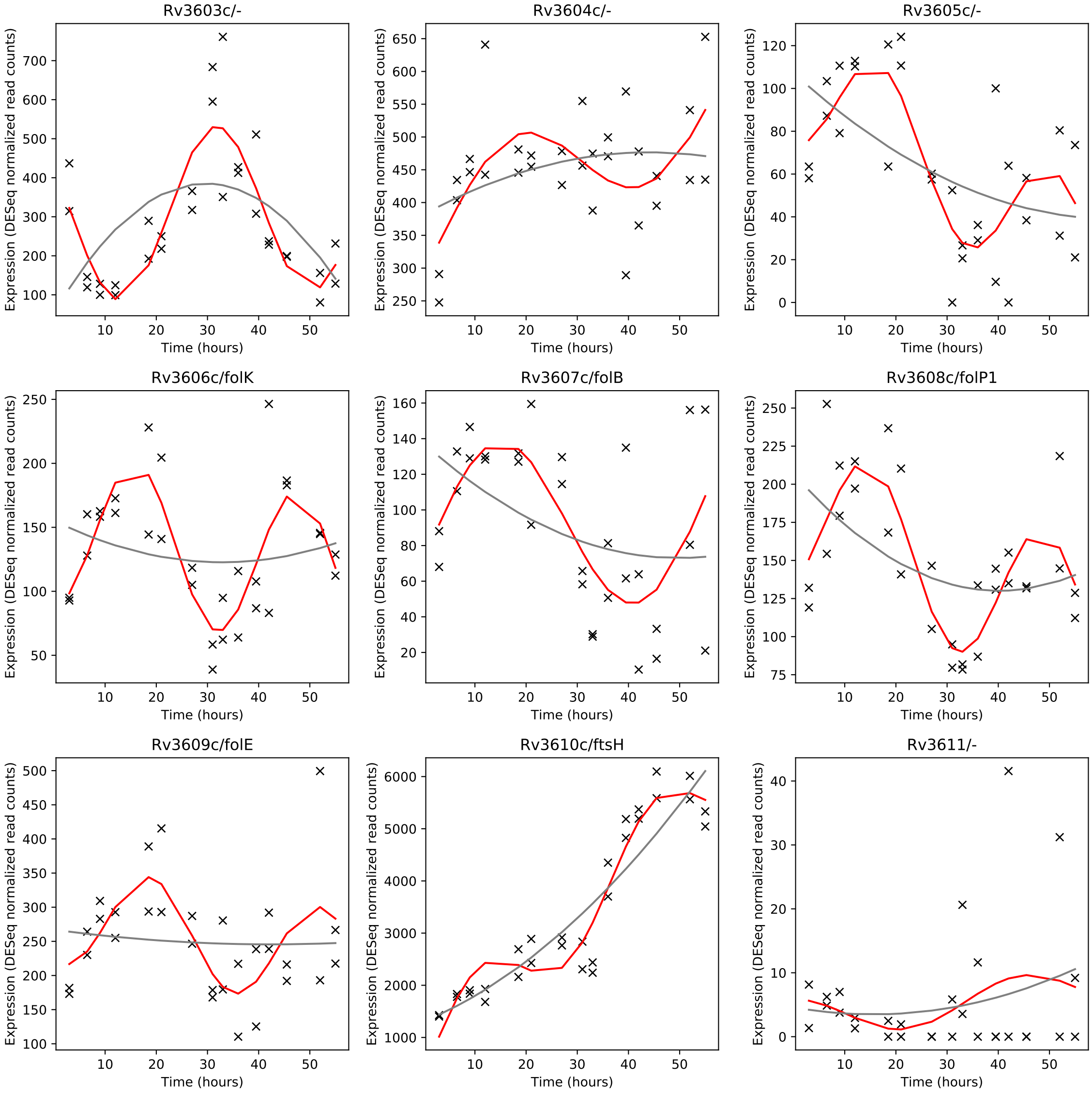

Rv3598c/lysS
Expression (DESeq normalized read counts)
Time (hours)

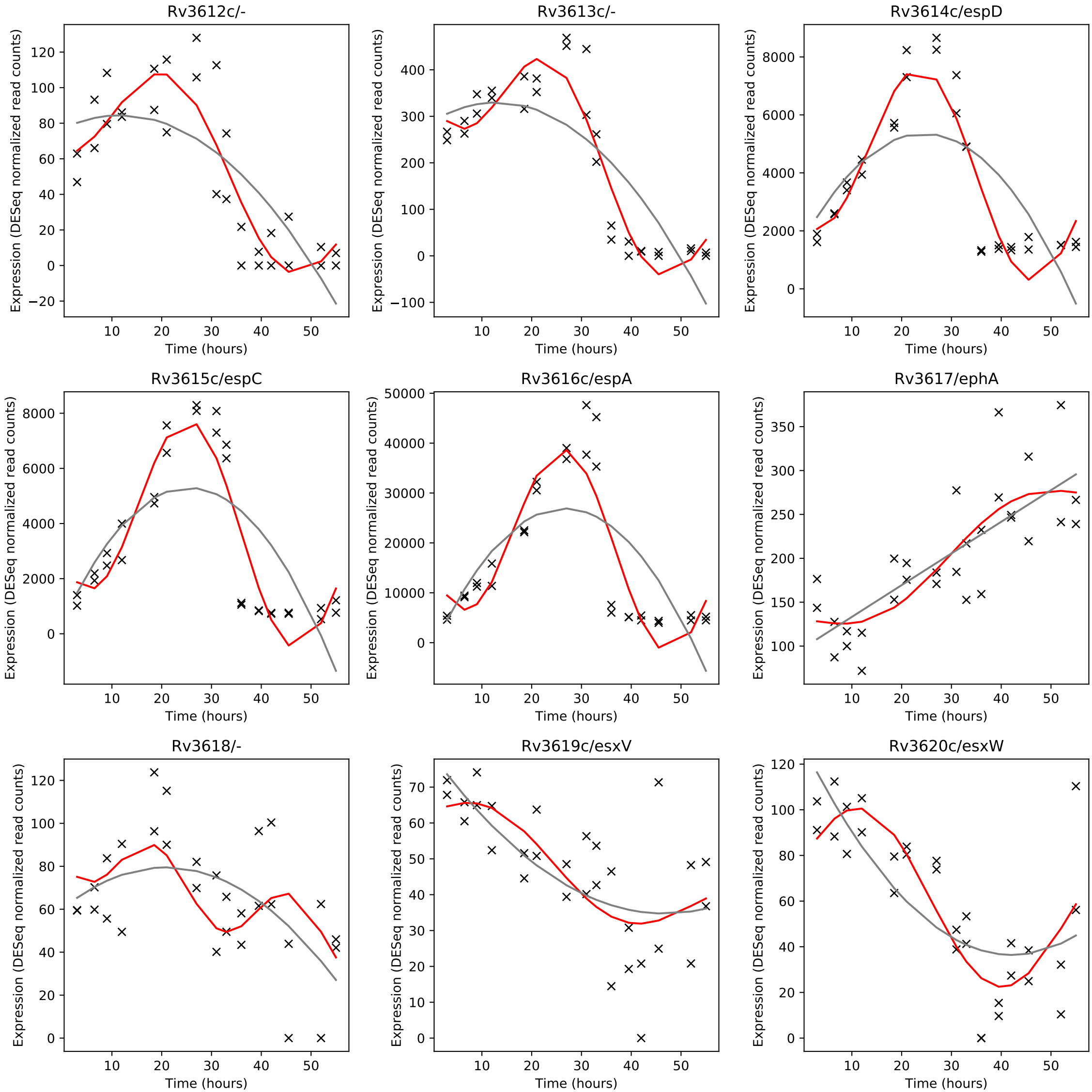

Rv3599c/-
Expression (DESeq normalized read counts)
Time (hours)

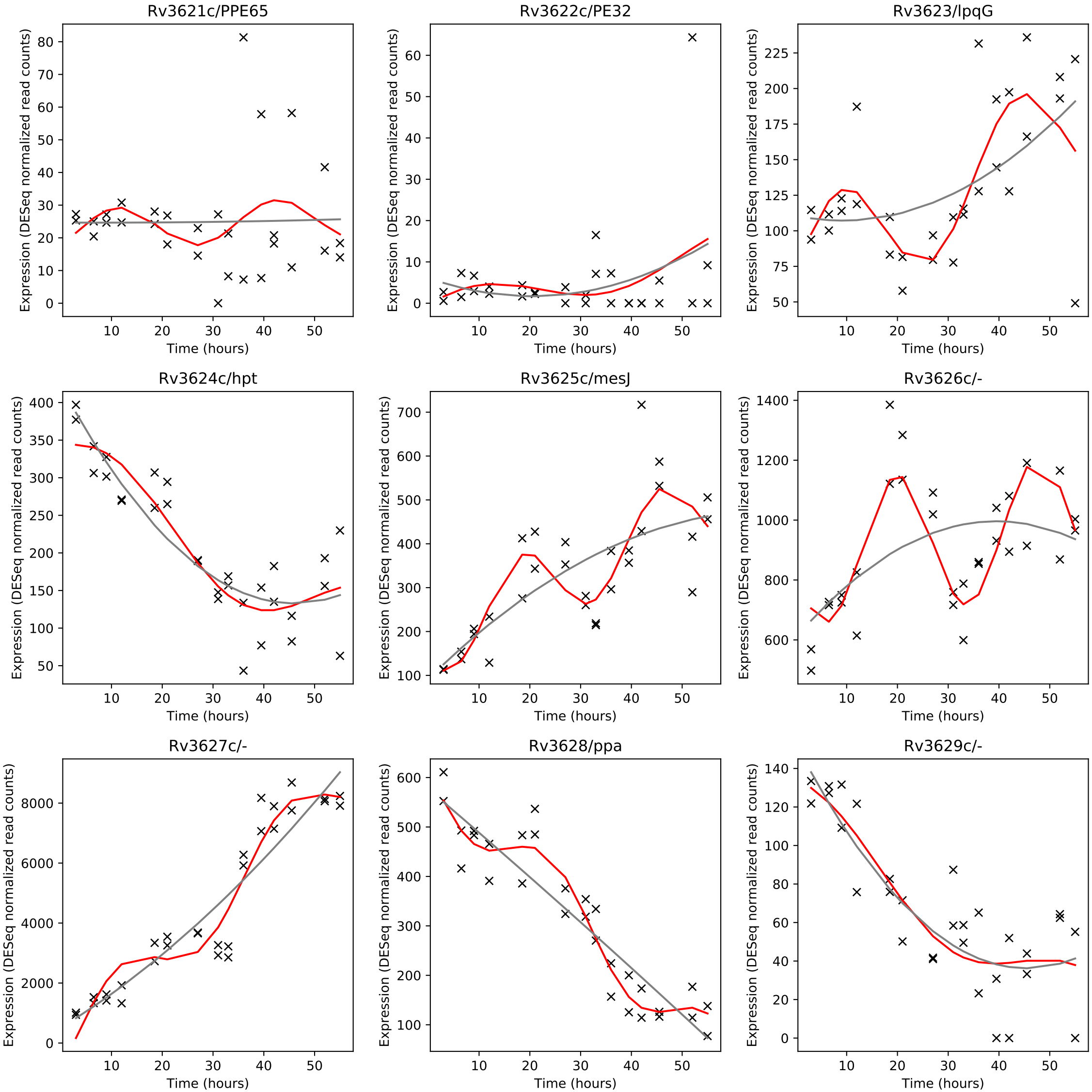

Rv3600c/-
Expression (DESeq normalized read counts)
Time (hours)

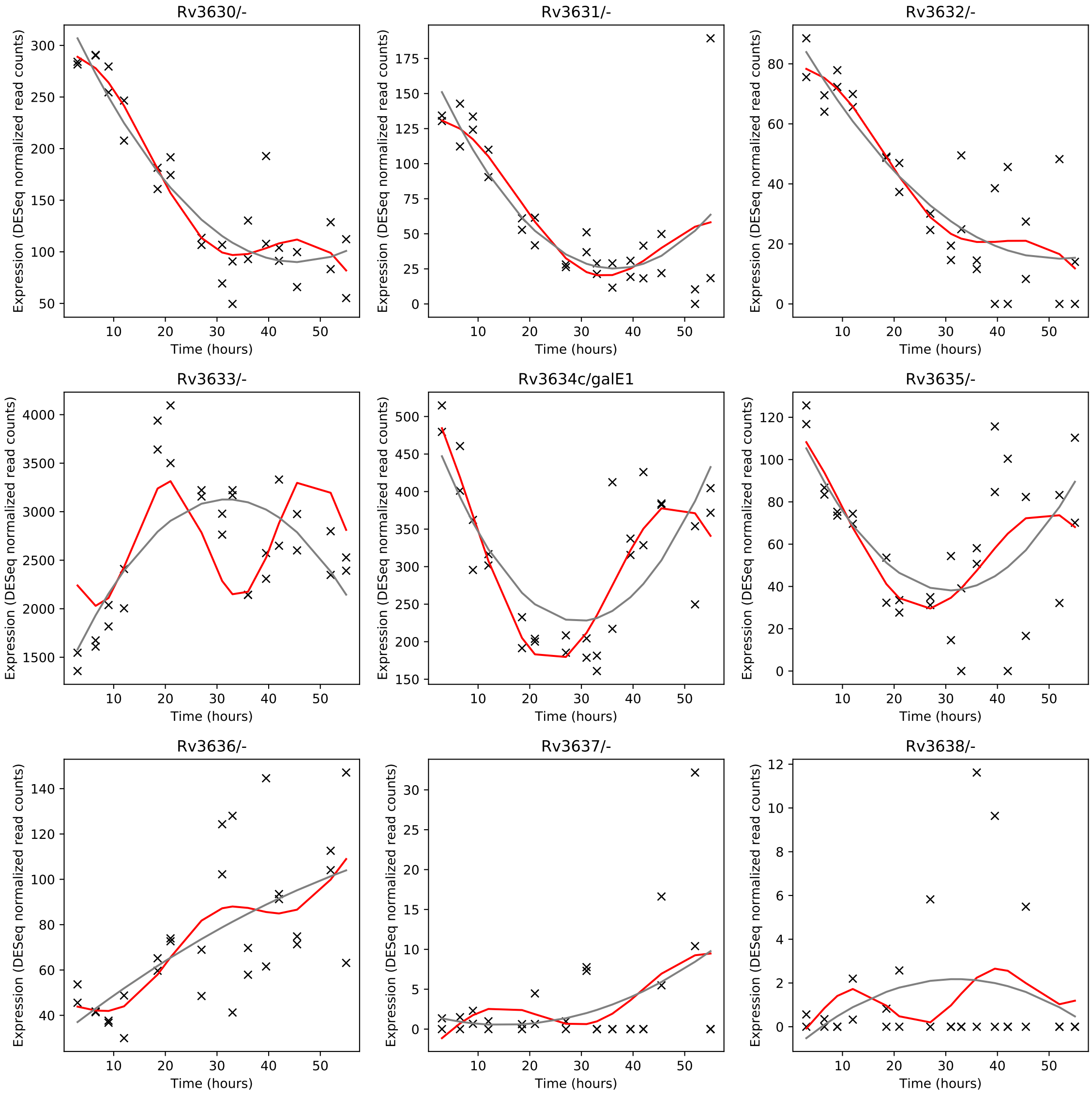

Rv3601c/panD
Expression (DESeq normalized read counts)
Time (hours)

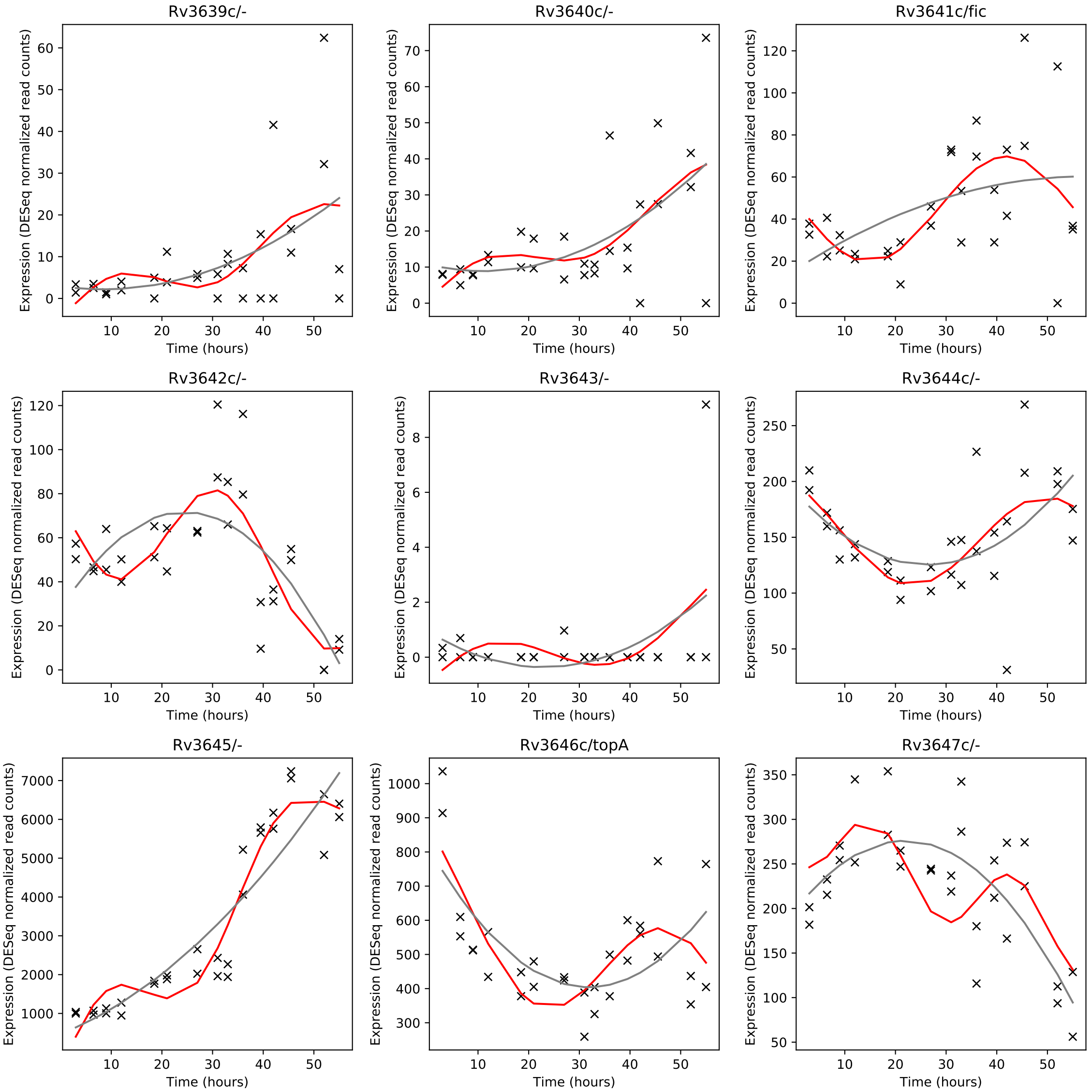

Rv3602c/panC
Expression (DESeq normalized read counts)
Time (hours)

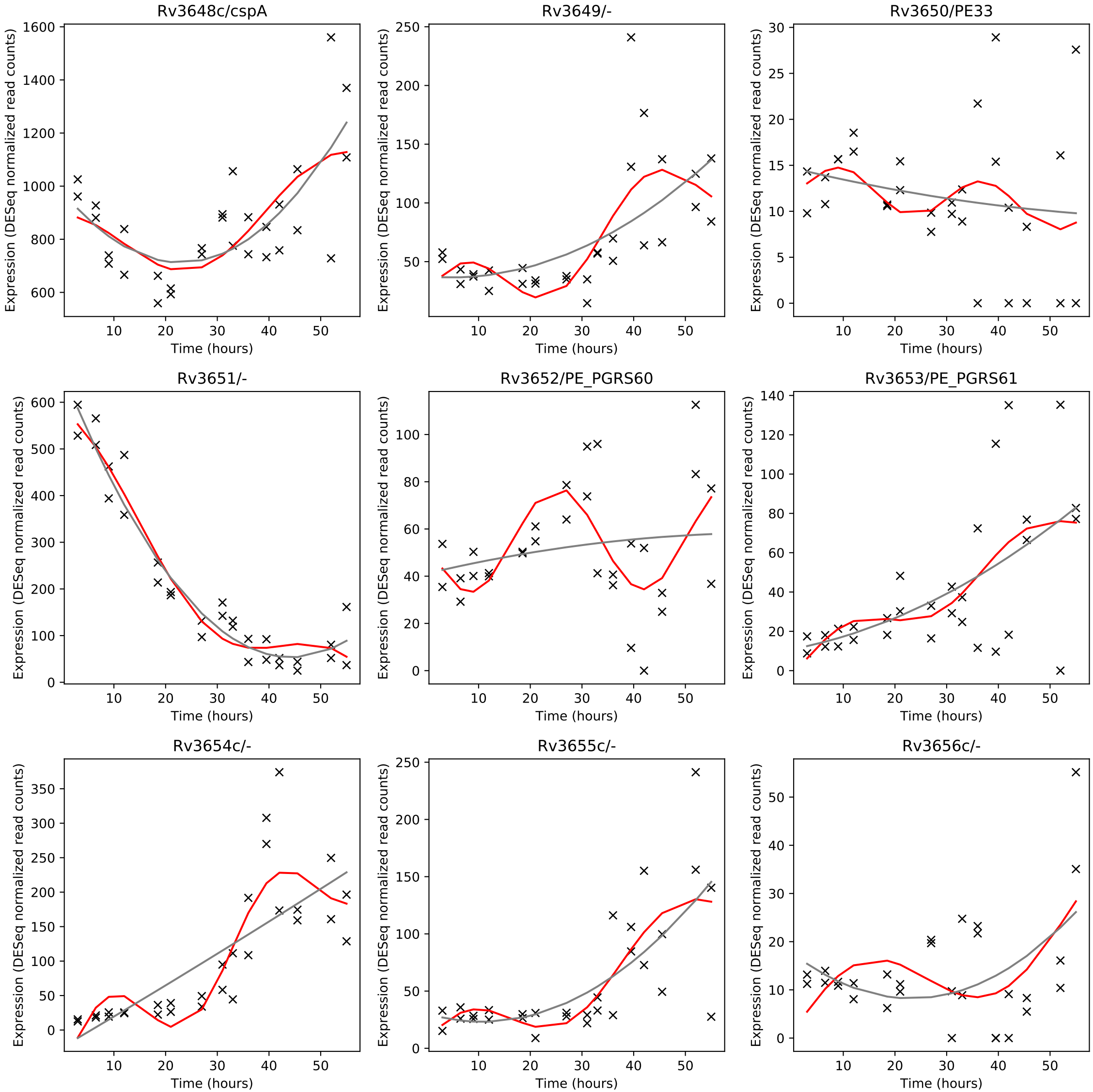

Rv3603c/-
Rv3604c/-
Rv3605c/-
Rv3606c/folK
Rv3607c/folB
Rv3608c/folP1
Rv3609c/folE
Rv3610c/ftsH
Rv3611/-
Expression (DESeq normalized read counts)
Time (hours)

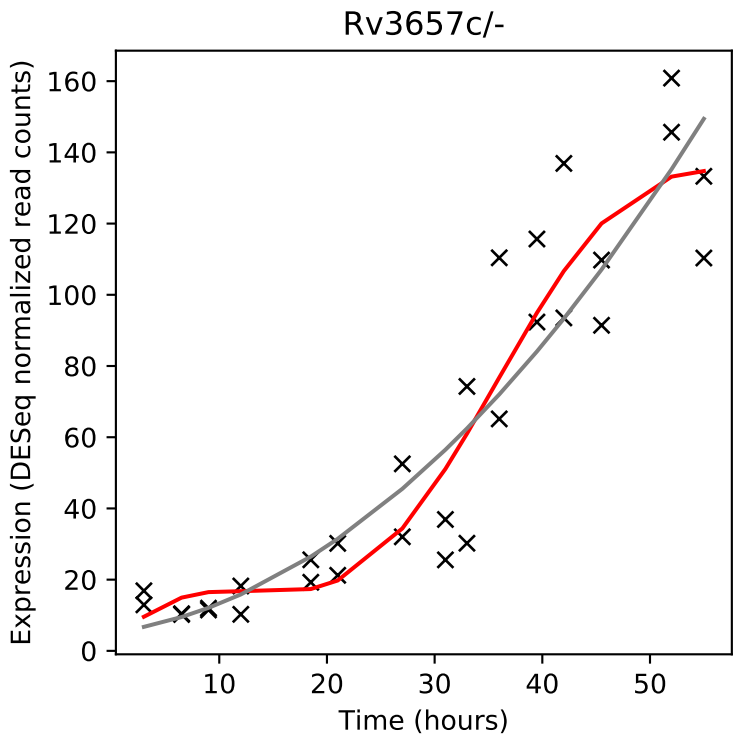

Rv3612c/-
Rv3613c/-
Rv3614c/espD
Rv3615c/espC
Rv3616c/espA
Rv3617/ephA
Rv3618/-
Rv3619c/esxV
Rv3620c/esxW
Expression (DESeq normalized read counts)
Time (hours)

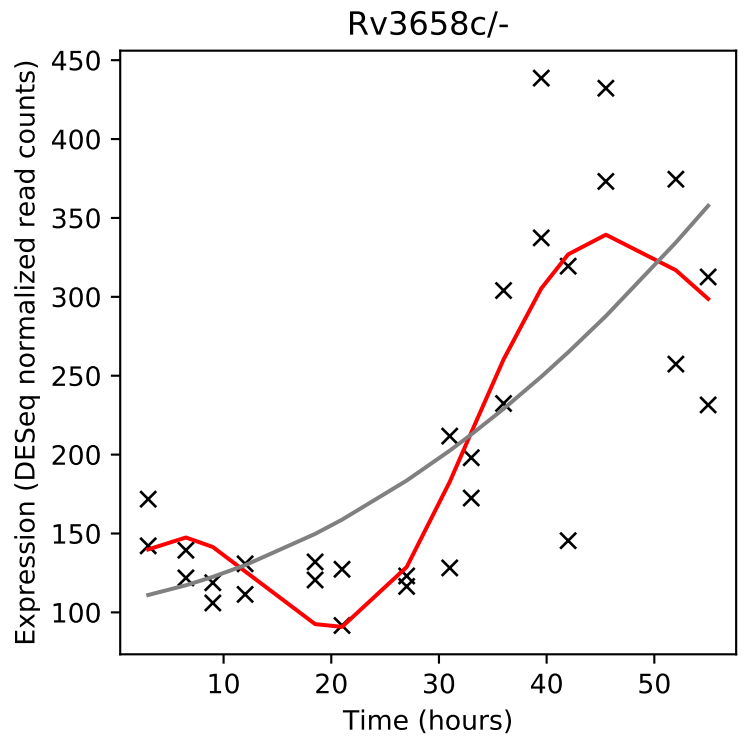

Rv3621c/PPE65
Rv3622c/PE32
Rv3623/lpqG
Rv3624c/hpt
Rv3625c/mesJ
Rv3626c/-
Rv3627c/-
Rv3628/ppa
Rv3629c/-
Expression (DESeq normalized read counts)
Time (hours)

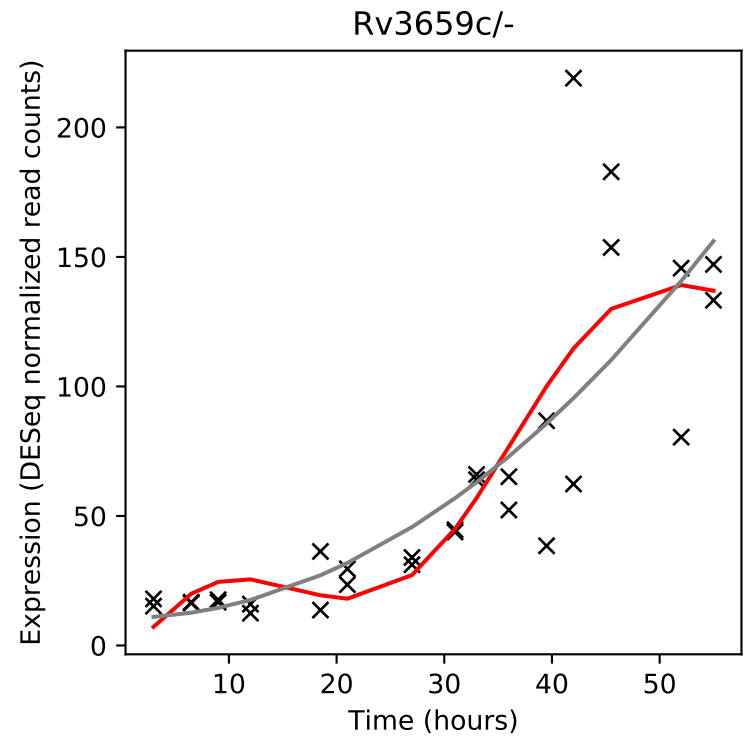

Rv3630/-
Rv3631/-
Rv3632/-
Rv3633/-
Rv3634c/galE1
Rv3635/-
Rv3636/-
Rv3637/-
Rv3638/-
Expression (DESeq normalized read counts)
Time (hours)

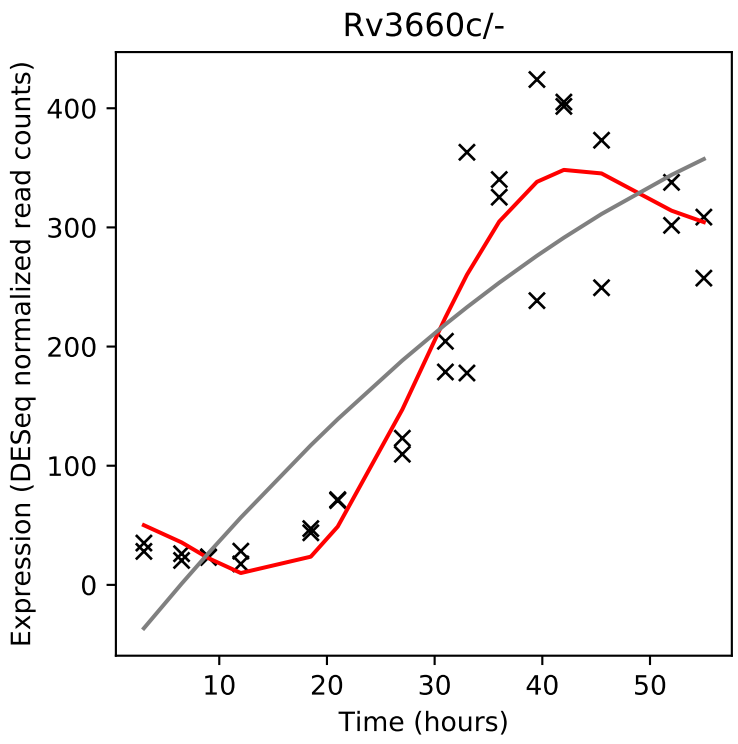

Rv3639c/-
Rv3640c/-
Rv3641c/fic
Rv3642c/-
Rv3643/-
Rv3644c/-
Rv3645/-
Rv3646c/topA
Rv3647c/-
Expression (DESeq normalized read counts)
Time (hours)

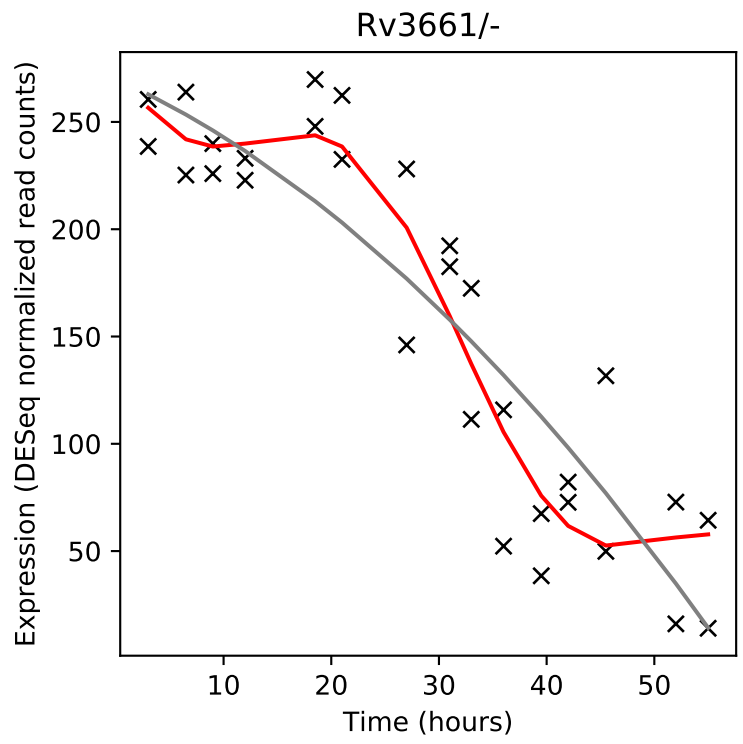

Rv3648c/cspA
Rv3649/-
Rv3650/PE33
Rv3651/-
Rv3652/PE_PGRS60
Rv3653/PE_PGRS61
Rv3654c/-
Rv3655c/-
Rv3656c/-
Expression (DESeq normalized read counts)
Time (hours)

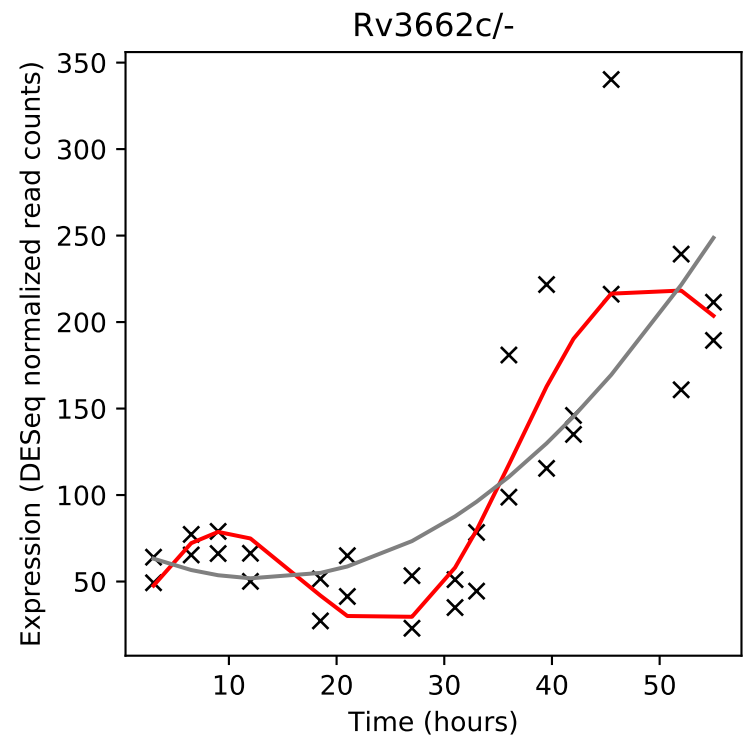

Rv3657c/-
Expression (DESeq normalized read counts)
Time (hours)

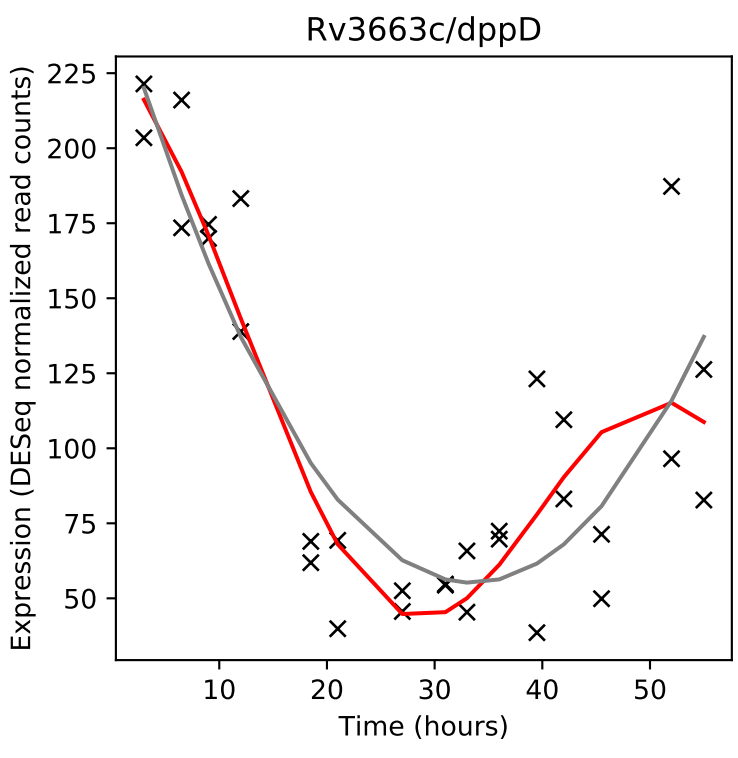

Rv3658c/-
Expression (DESeq normalized read counts)
Time (hours)

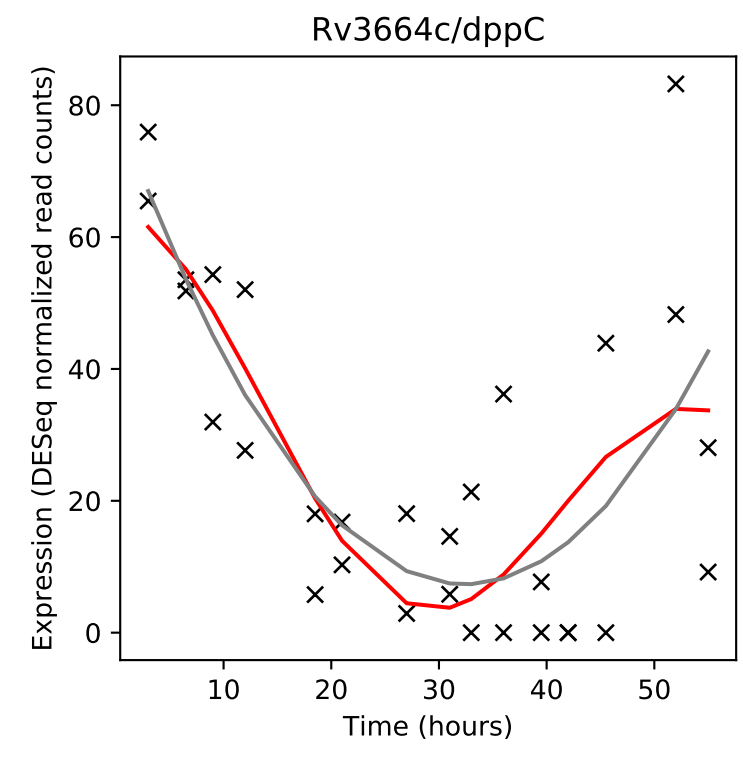

Rv3659c/-
Expression (DESeq normalized read counts)
Time (hours)

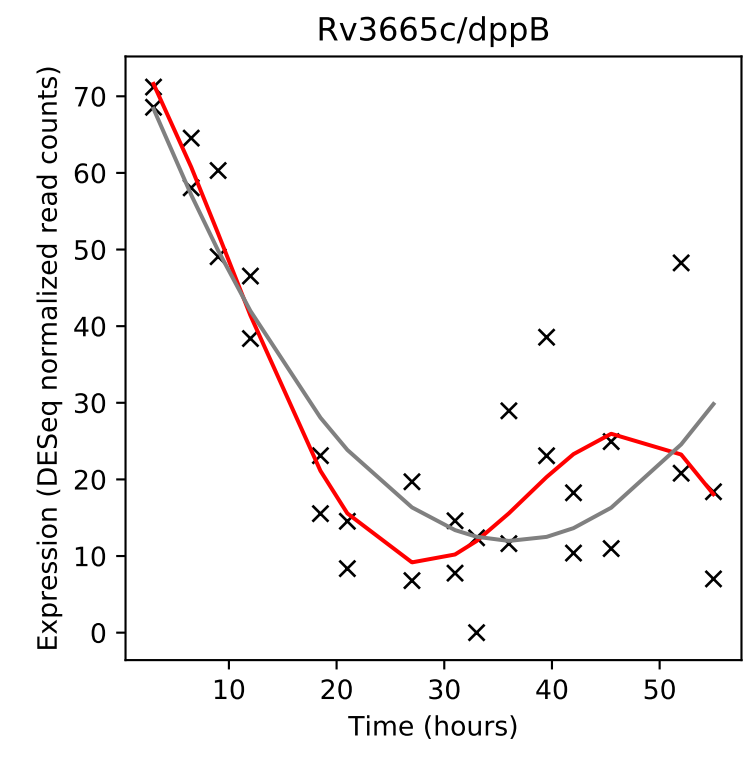

Rv3660c/-
Expression (DESeq normalized read counts)
Time (hours)

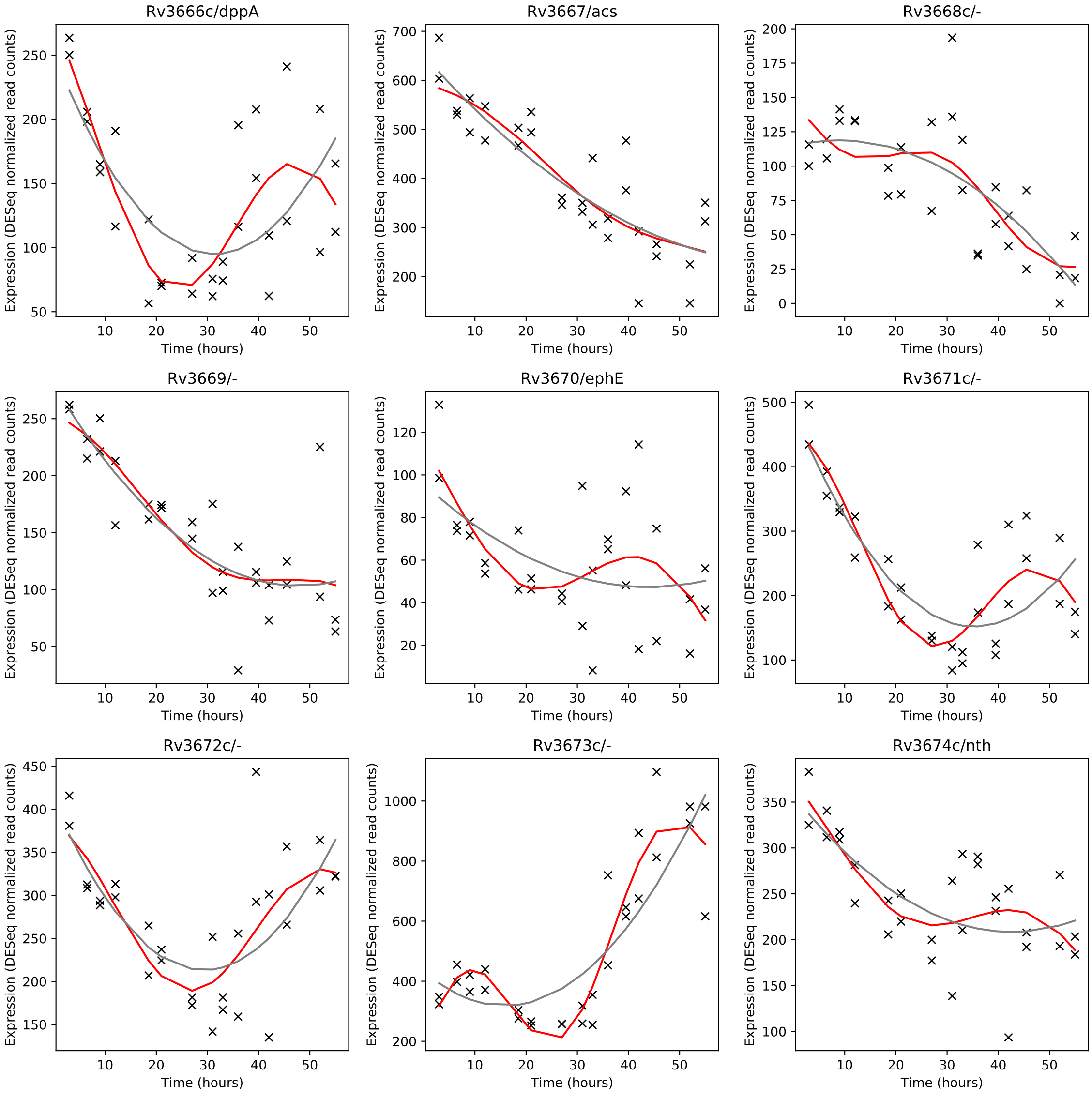

Rv3661/-
Expression (DESeq normalized read counts)
Time (hours)

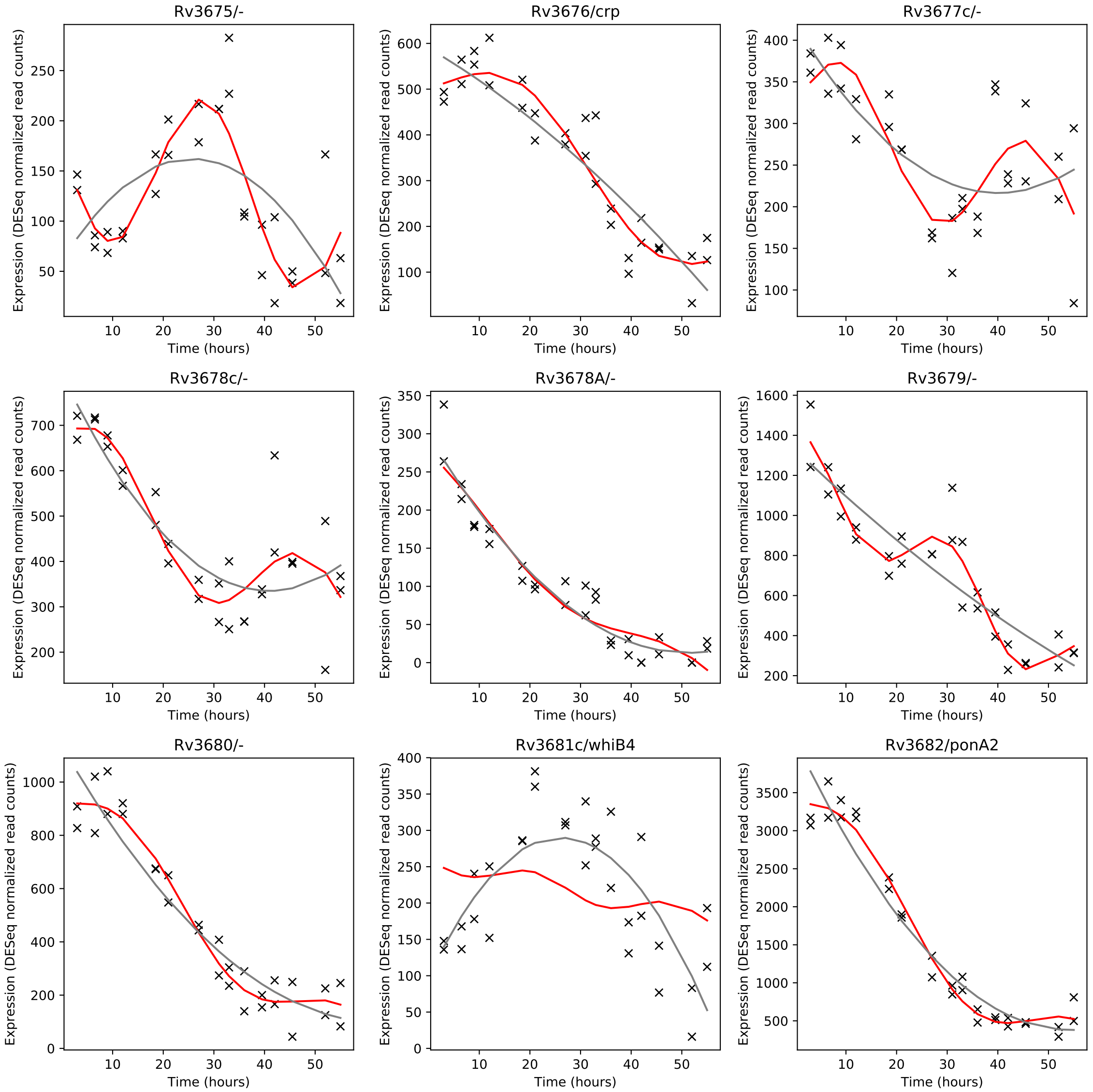

Rv3662c/-
Expression (DESeq normalized read counts)
Time (hours)

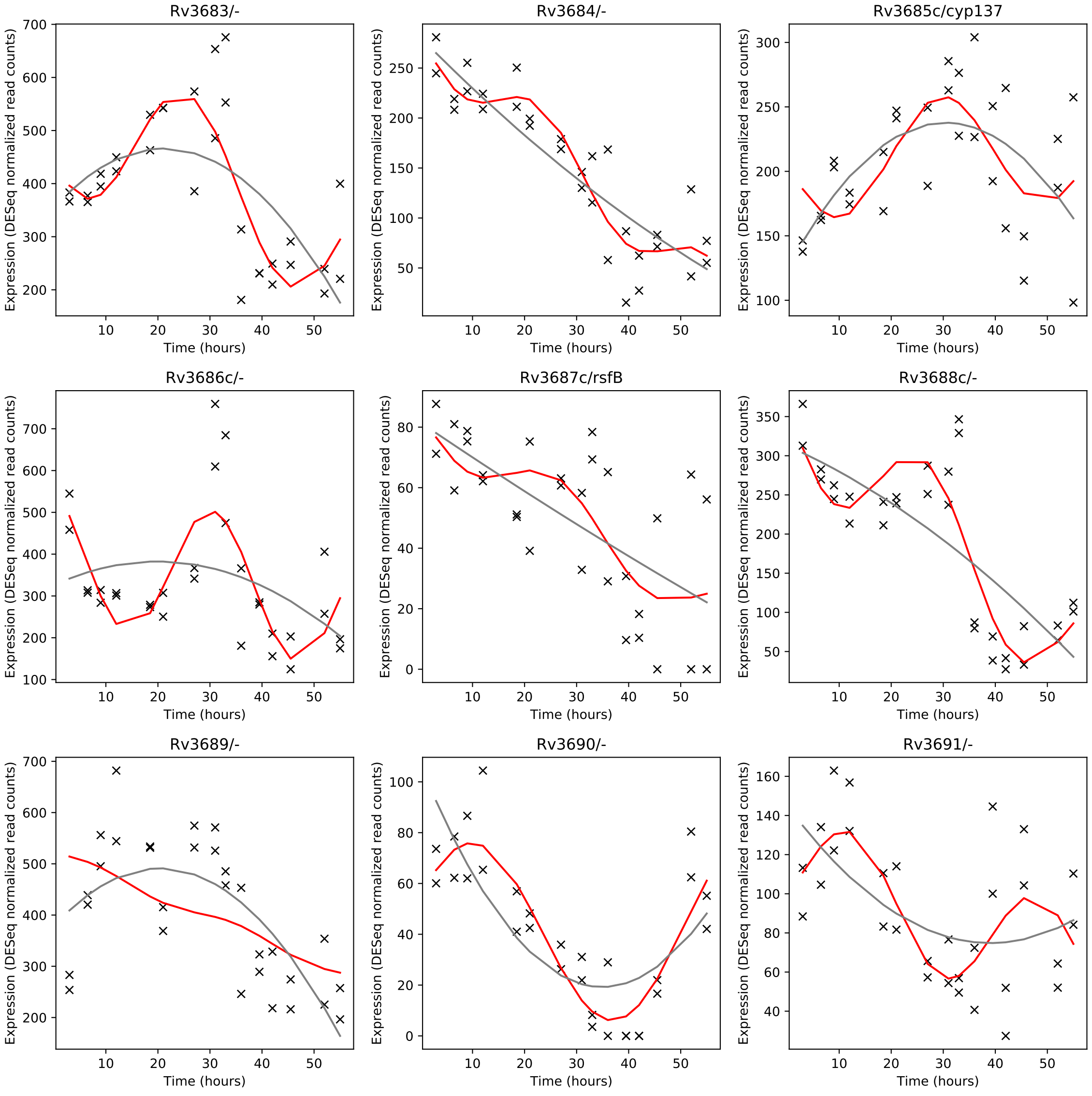

Rv3663c/dppD
Expression (DESeq normalized read counts)
Time (hours)

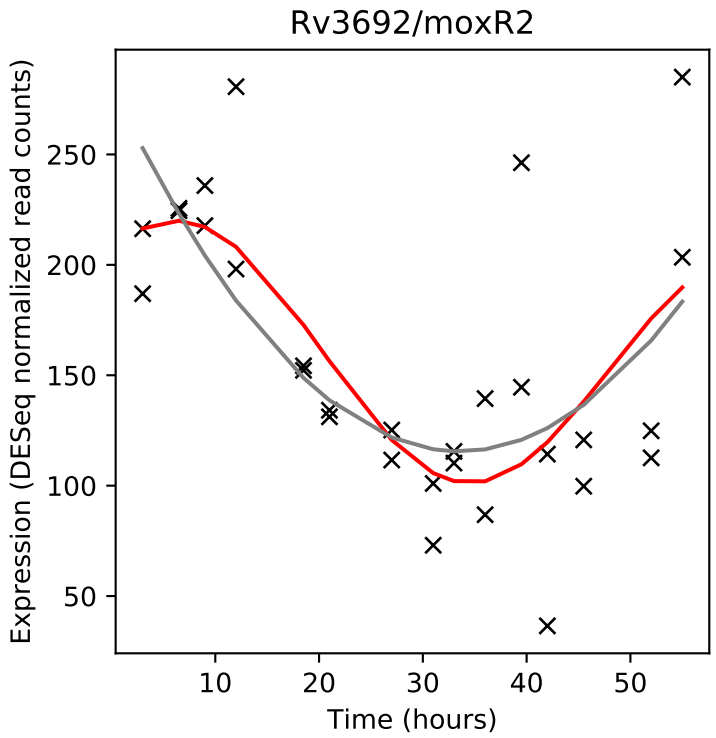

Rv3664c/dppC
Expression (DESeq normalized read counts)
Time (hours)

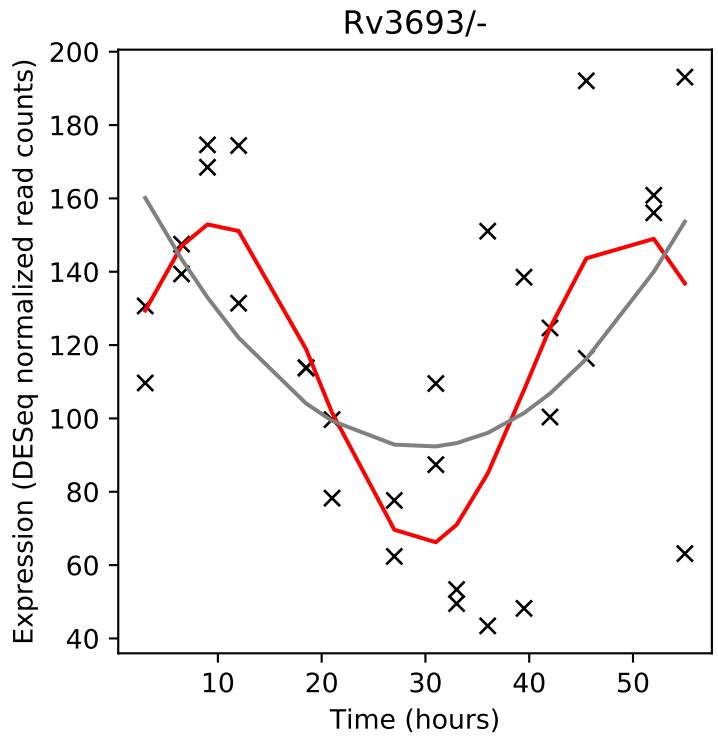

Rv3665c/dppB
Expression (DESeq normalized read counts)
Time (hours)

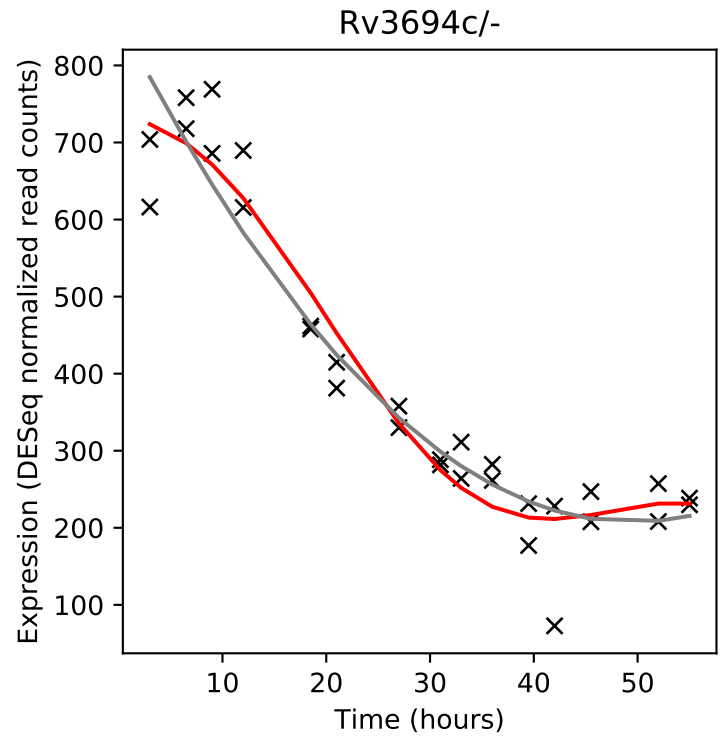

Rv3666c/dppA
Rv3667/acs
Rv3668c/-
Rv3669/-
Rv3670/ephE
Rv3671c/-
Rv3672c/-
Rv3673c/-
Rv3674c/nth
Expression (DESeq normalized read counts)
Time (hours)

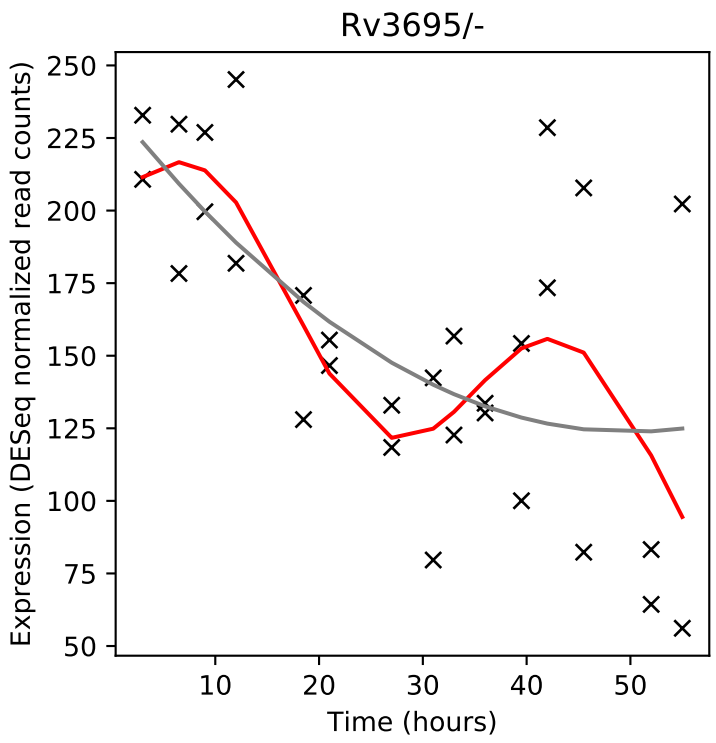

Rv3675/-
Rv3676/crp
Rv3677c/-
Rv3678c/-
Rv3678A/-
Rv3679/-
Rv3680/-
Rv3681c/whiB4
Rv3682/ponA2
Expression (DESeq normalized read counts)
Time (hours)

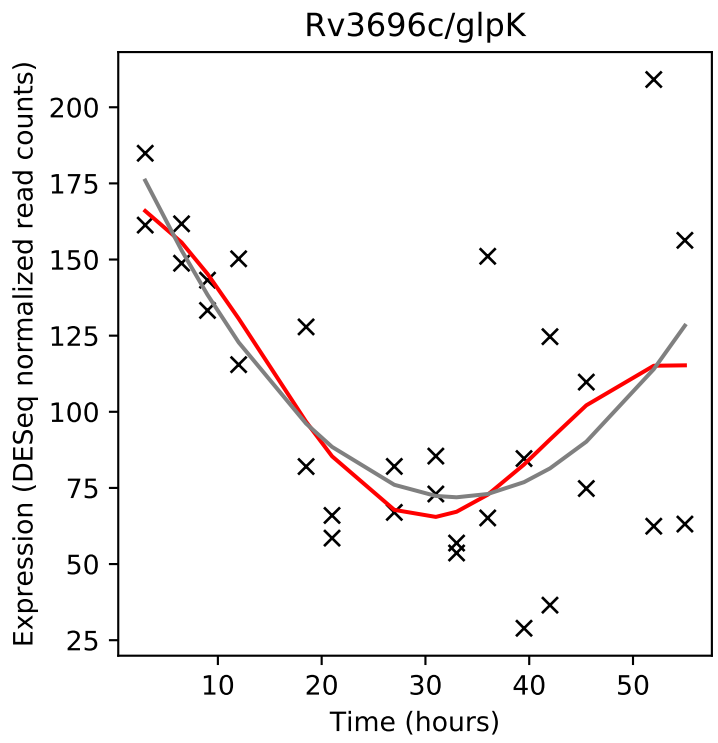

Rv3683/-
Rv3684/-
Rv3685c/cyp137
Rv3686c/-
Rv3687c/rsfB
Rv3688c/-
Rv3689/-
Rv3690/-
Rv3691/-
Expression (DESeq normalized read counts)
Time (hours)

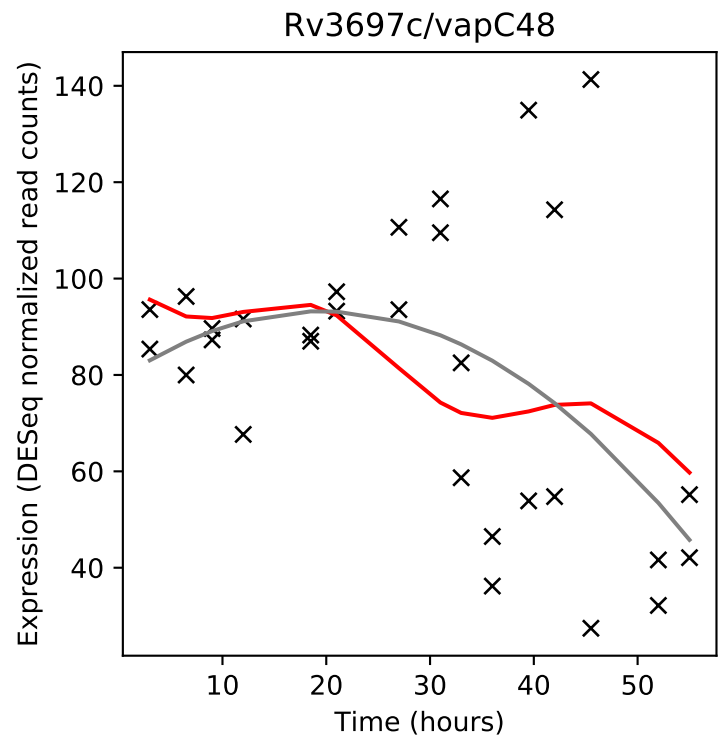

Rv3692/moxR2
Expression (DESeq normalized read counts)
Time (hours)

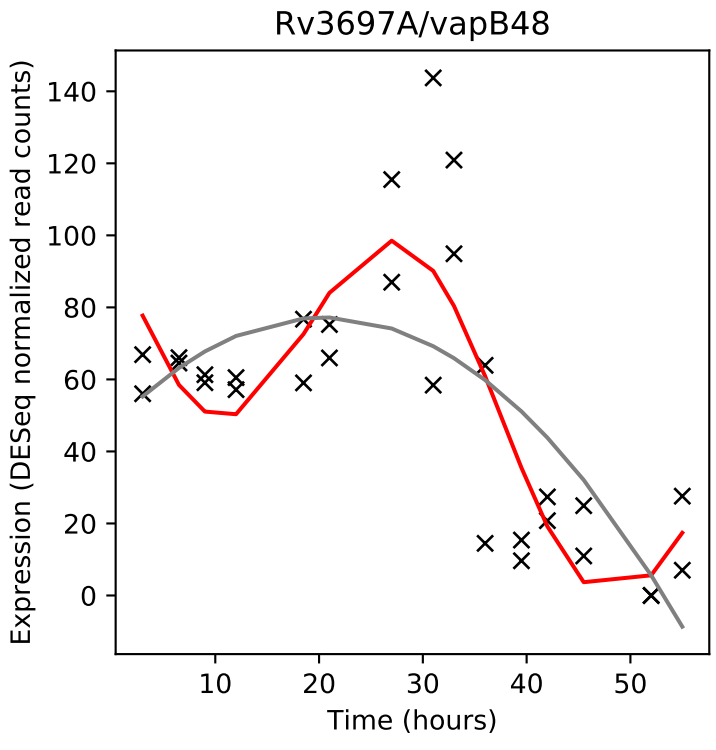

Rv3693/-
Expression (DESeq normalized read counts)
Time (hours)

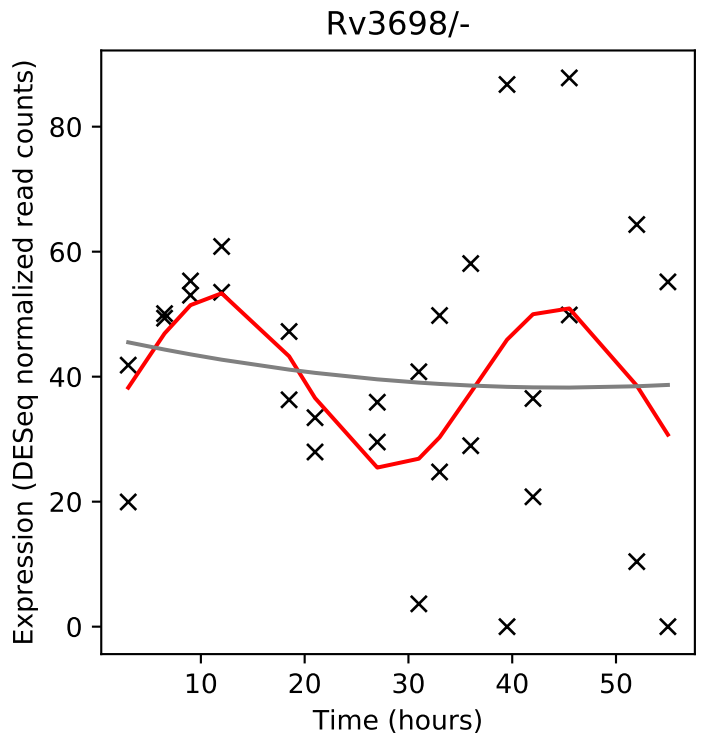

Rv3694c/-
Expression (DESeq normalized read counts)
Time (hours)

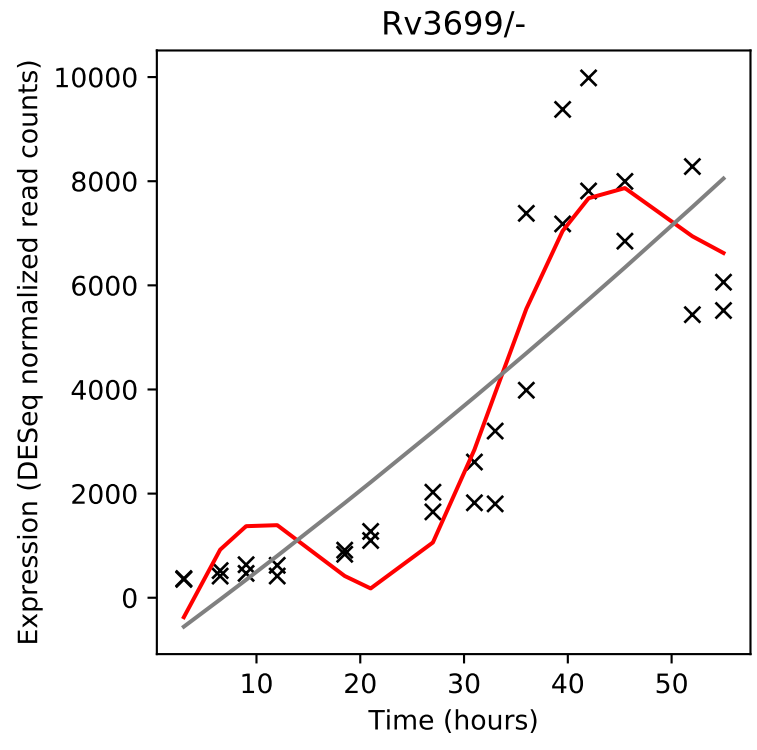

Rv3695/-
Expression (DESeq normalized read counts)
Time (hours)

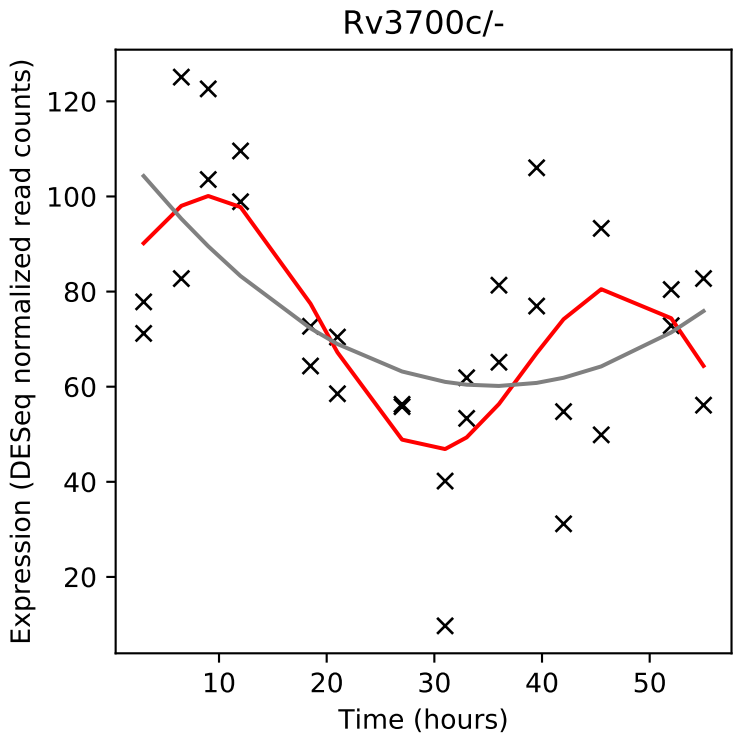

Rv3696c/glpK
Expression (DESeq normalized read counts)
Time (hours)

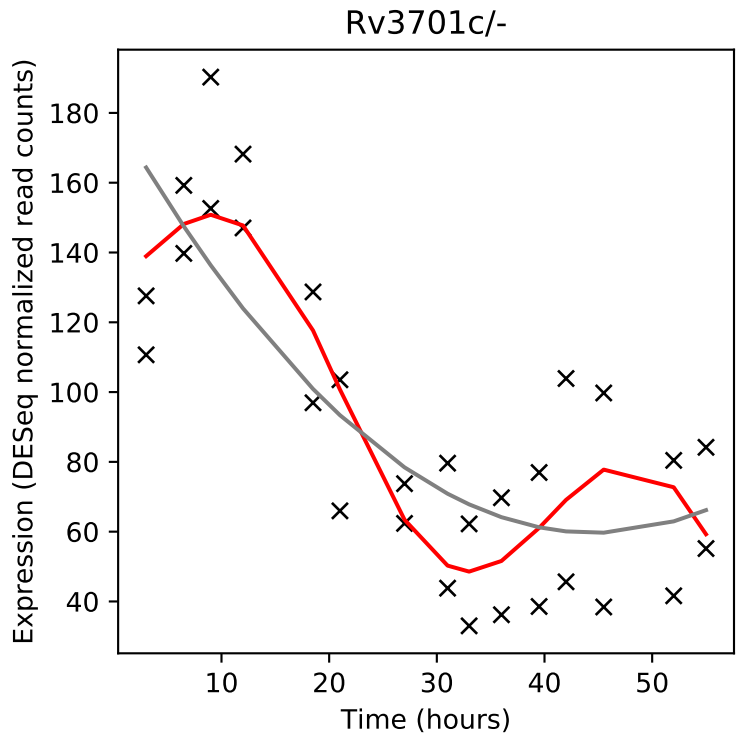

Rv3697c/vapC48
Expression (DESeq normalized read counts)
Time (hours)

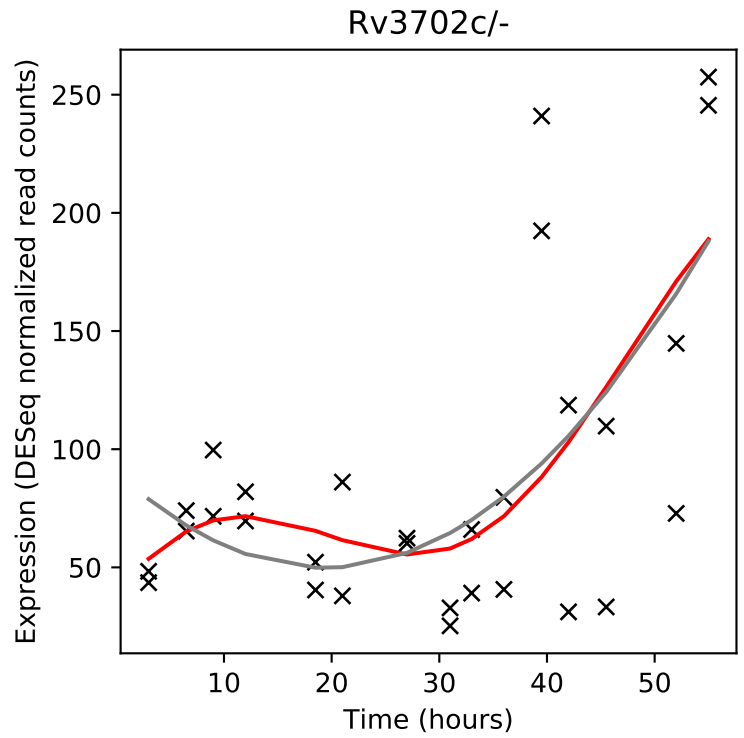

Rv3697A/vapB48
Expression (DESeq normalized read counts)
Time (hours)

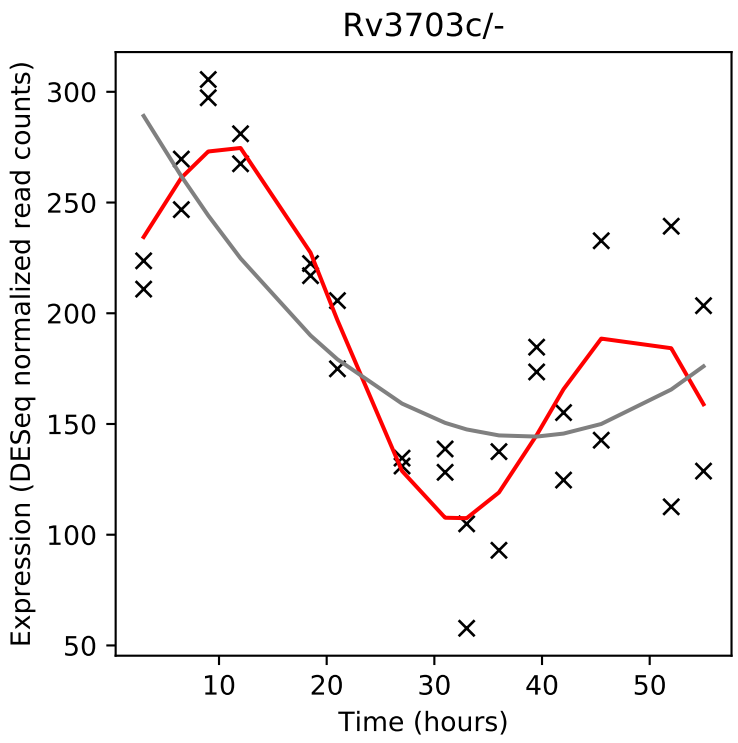

Rv3698/-
Expression (DESeq normalized read counts)
Time (hours)

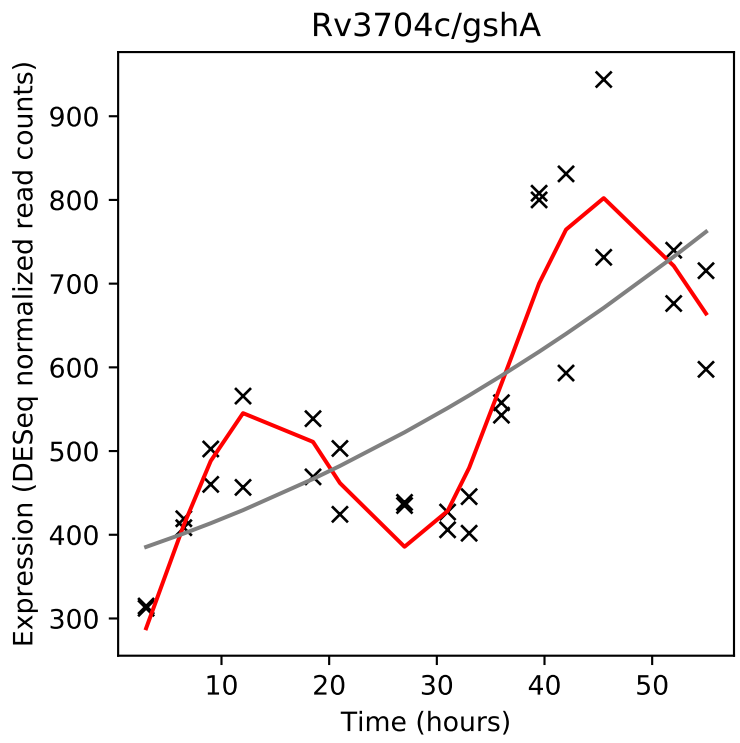

Rv3699/-
Expression (DESeq normalized read counts)
Time (hours)

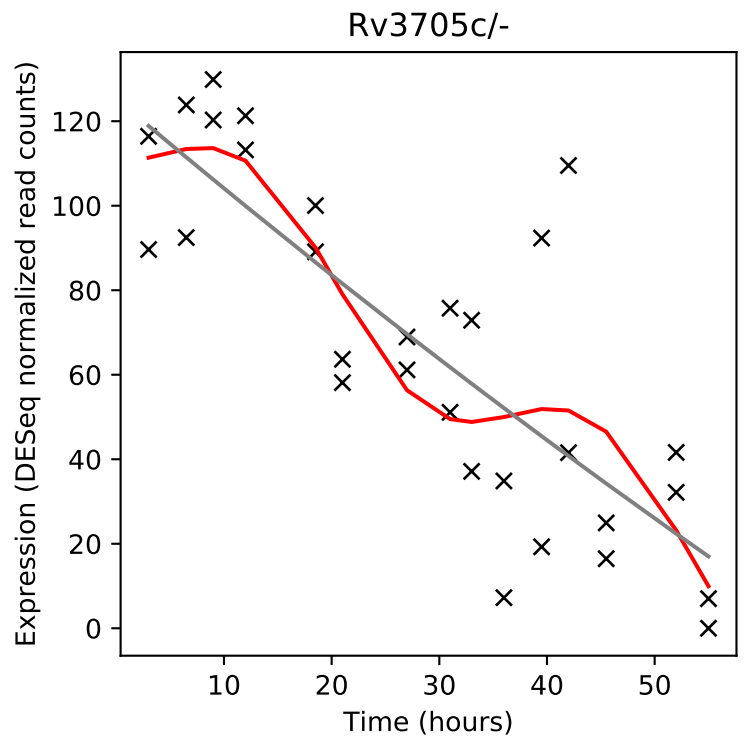

Rv3700c/-
Expression (DESeq normalized read counts)
Time (hours)

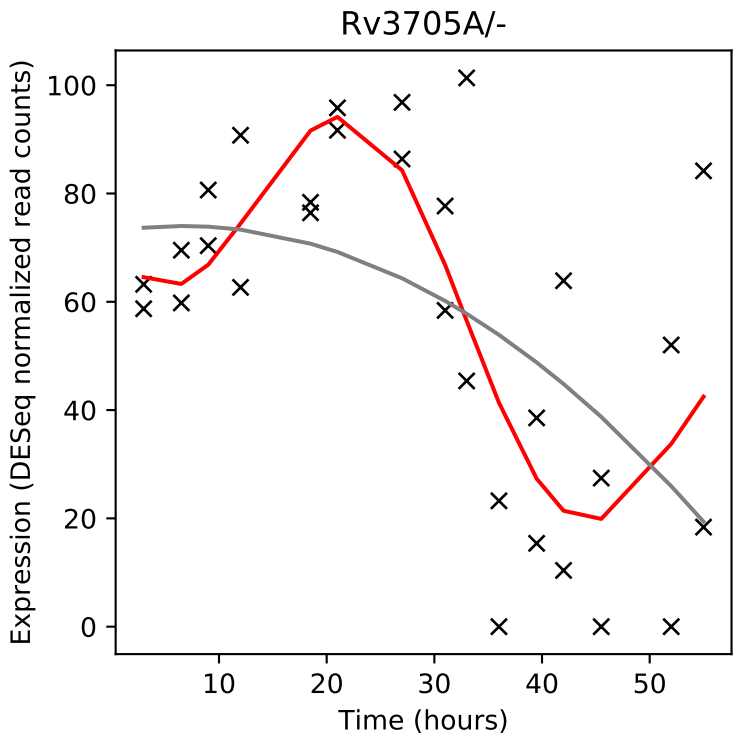

Rv3701c/-
Expression (DESeq normalized read counts)
Time (hours)

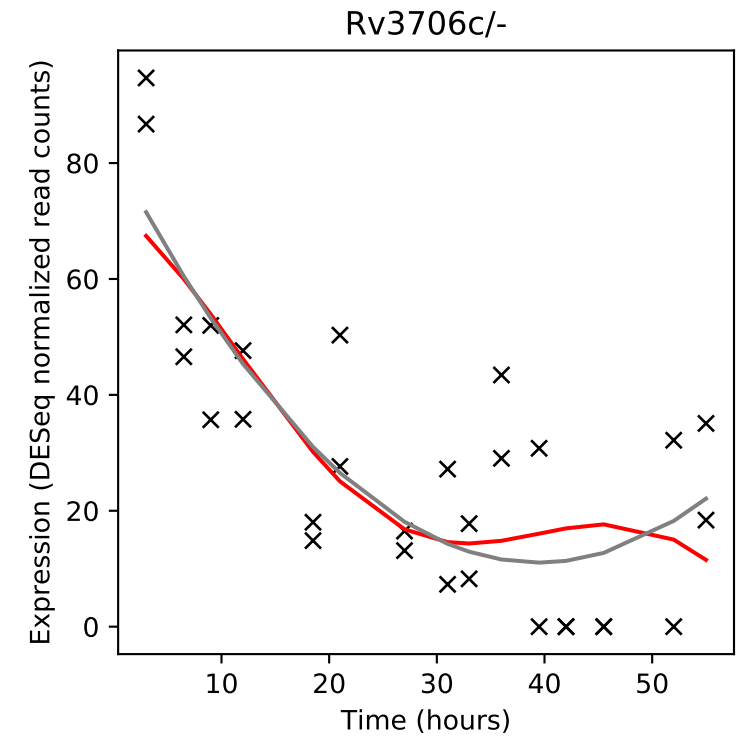

Rv3702c/-
Expression (DESeq normalized read counts)
Time (hours)

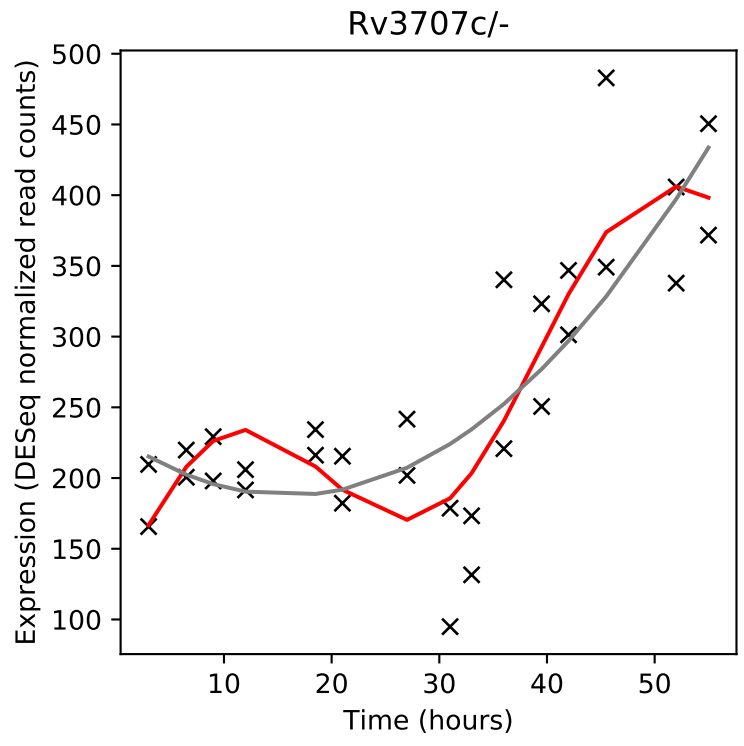

Rv3703c/-
Expression (DESeq normalized read counts)
Time (hours)

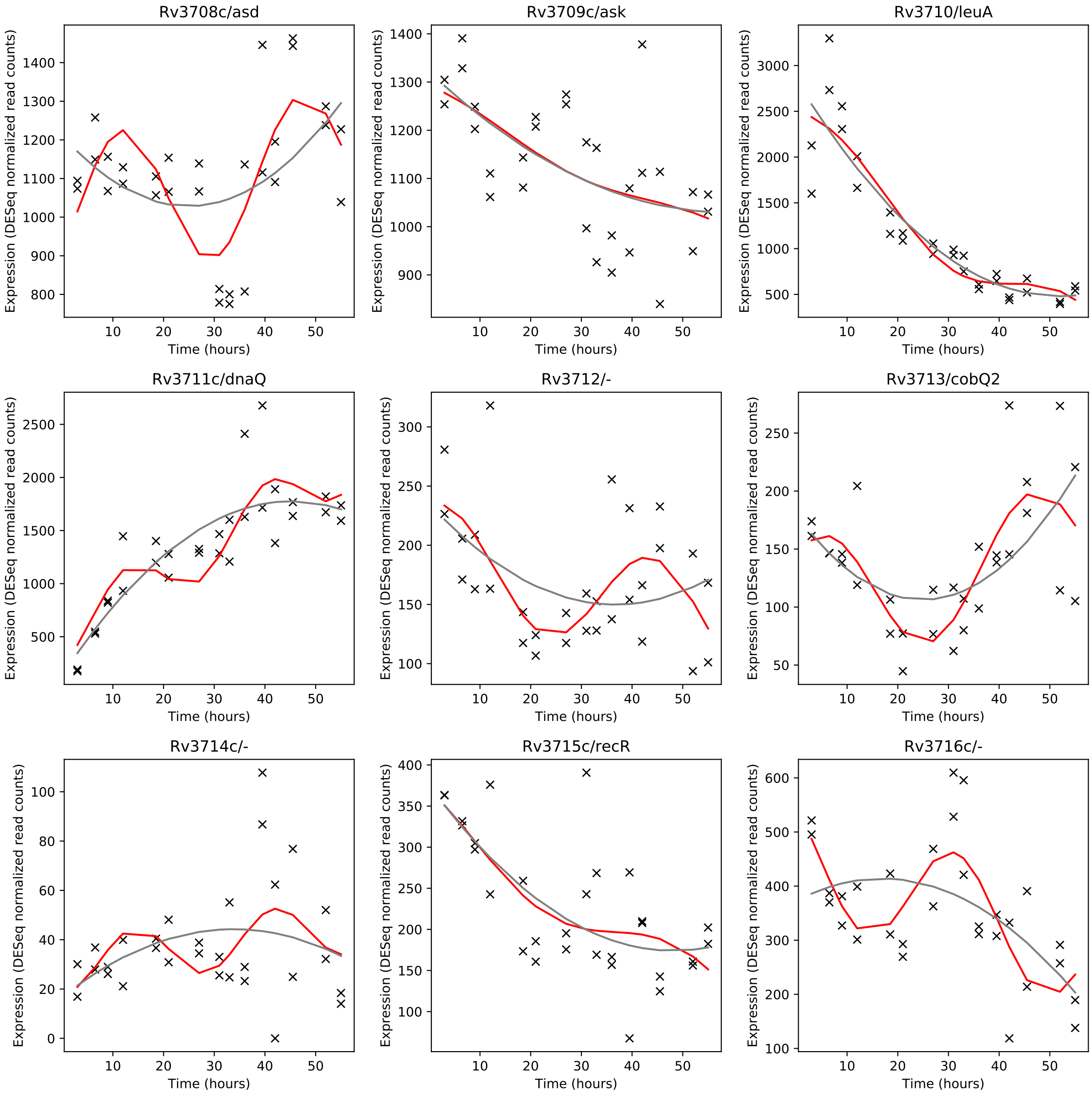

Rv3704c/gshA
Expression (DESeq normalized read counts)
Time (hours)

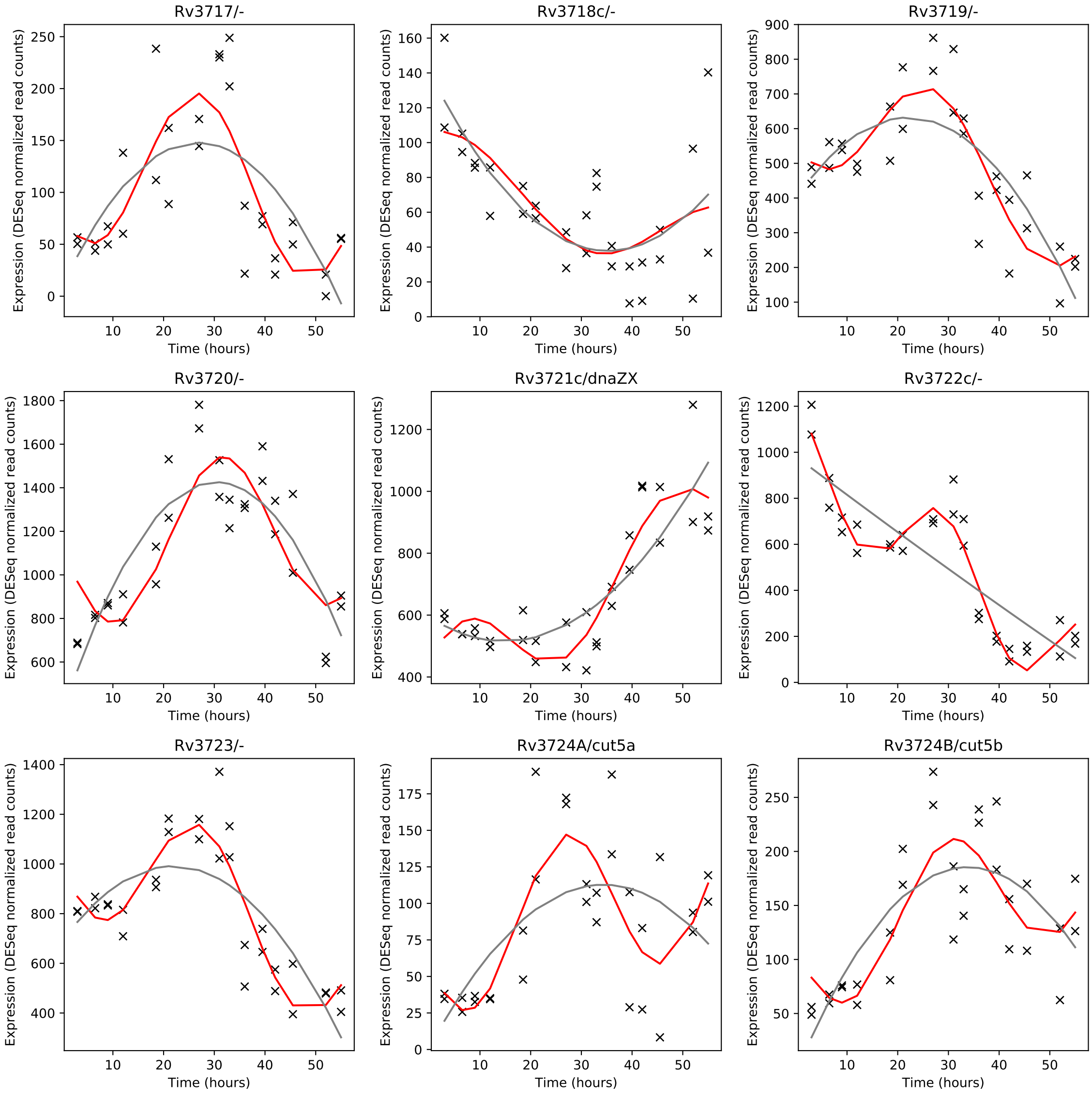

Rv3705c/-
Expression (DESeq normalized read counts)
Time (hours)

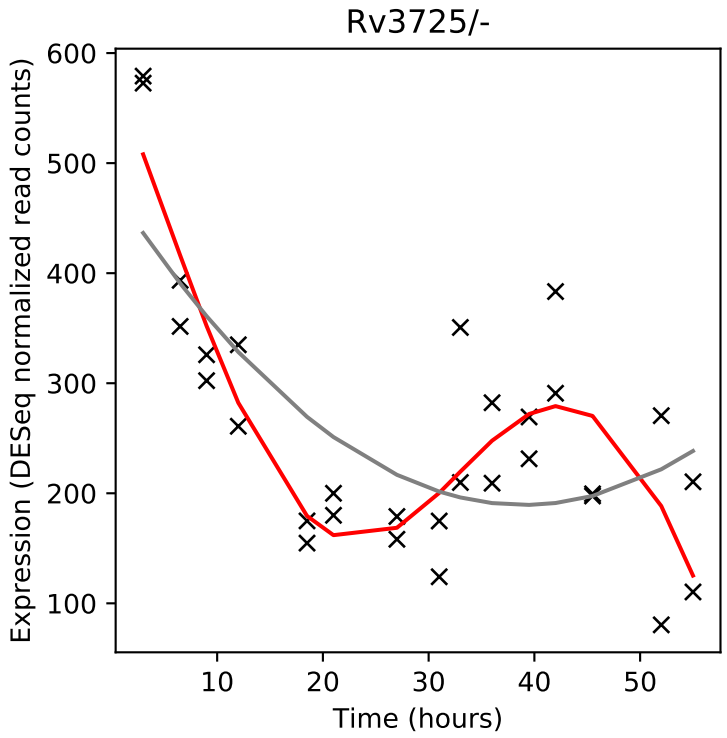

Rv3705A/-
Expression (DESeq normalized read counts)
Time (hours)

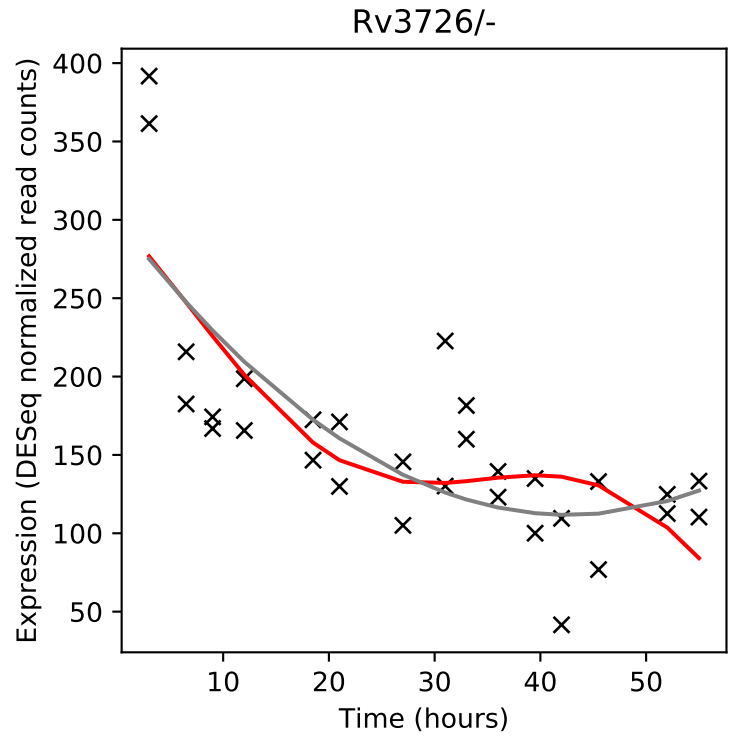

Rv3706c/-
Expression (DESeq normalized read counts)
Time (hours)

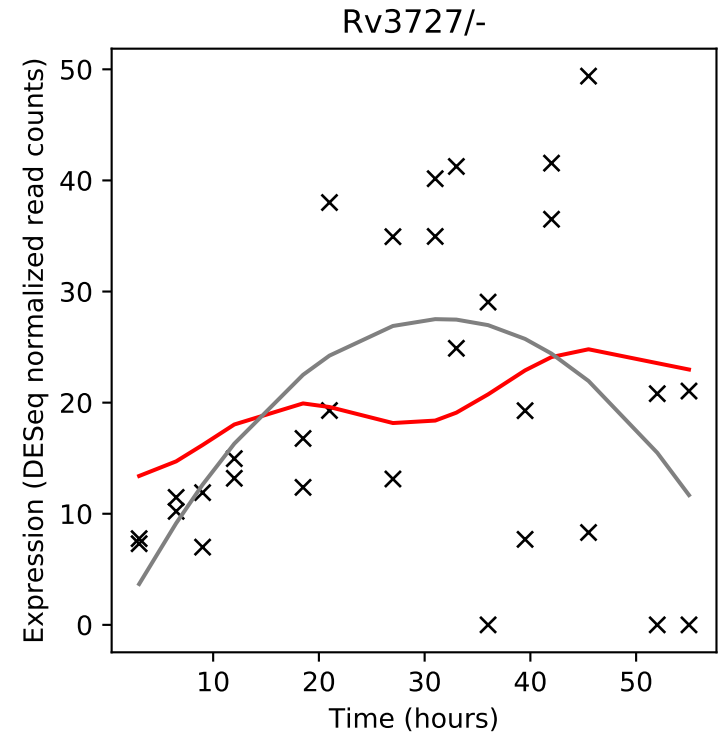

Rv3707c/-
Expression (DESeq normalized read counts)
Time (hours)

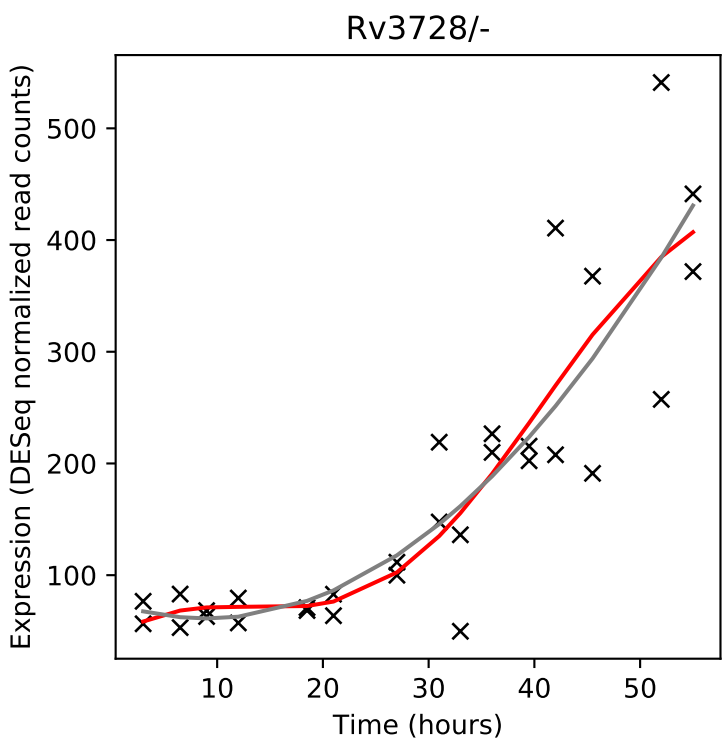

Rv3708c/asd
Rv3709c/ask
Rv3710/leuA
Rv3711c/dnaQ
Rv3712/-
Rv3713/cobQ2
Rv3714c/-
Rv3715c/recR
Rv3716c/-
Expression (DESeq normalized read counts)
Time (hours)

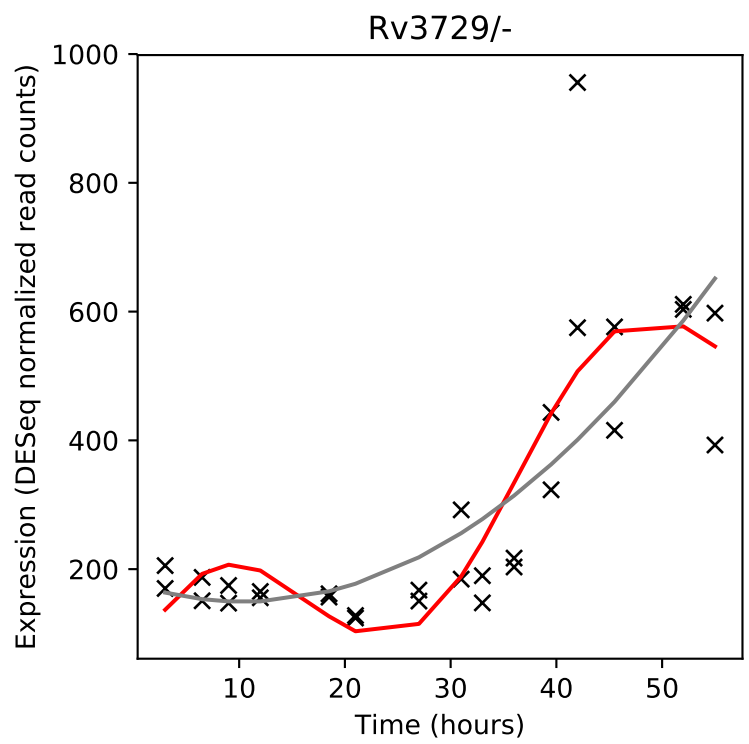

Rv3717/-
Rv3718c/-
Rv3719/-
Rv3720/-
Rv3721c/dnaZX
Rv3722c/-
Rv3723/-
Rv3724A/cut5a
Rv3724B/cut5b
Expression (DESeq normalized read counts)
Time (hours)

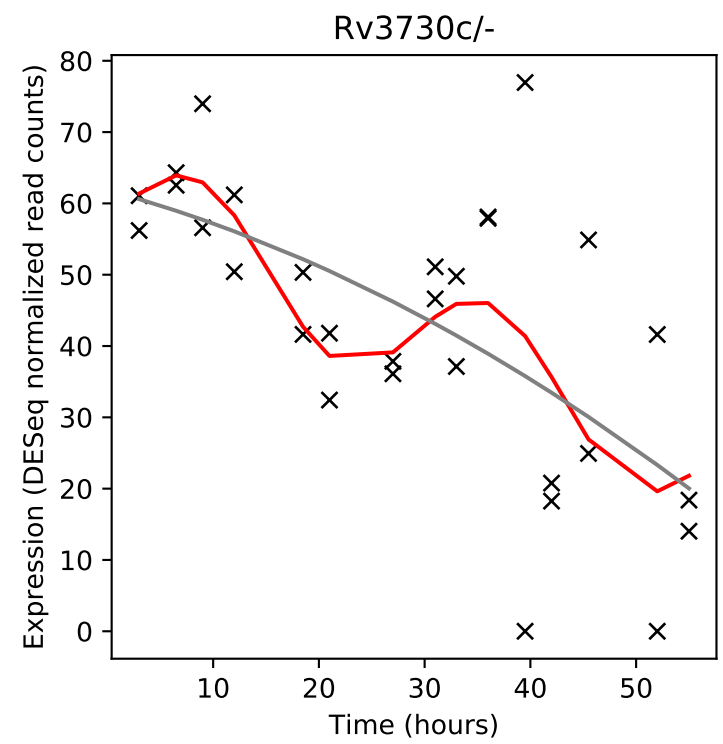

Rv3725/-
Expression (DESeq normalized read counts)
Time (hours)

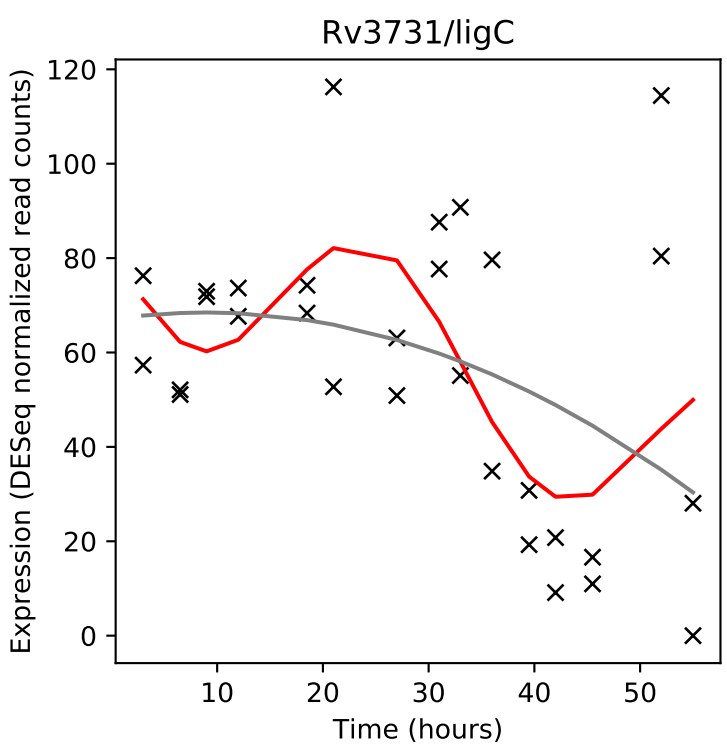

Rv3726/-
Expression (DESeq normalized read counts)
Time (hours)

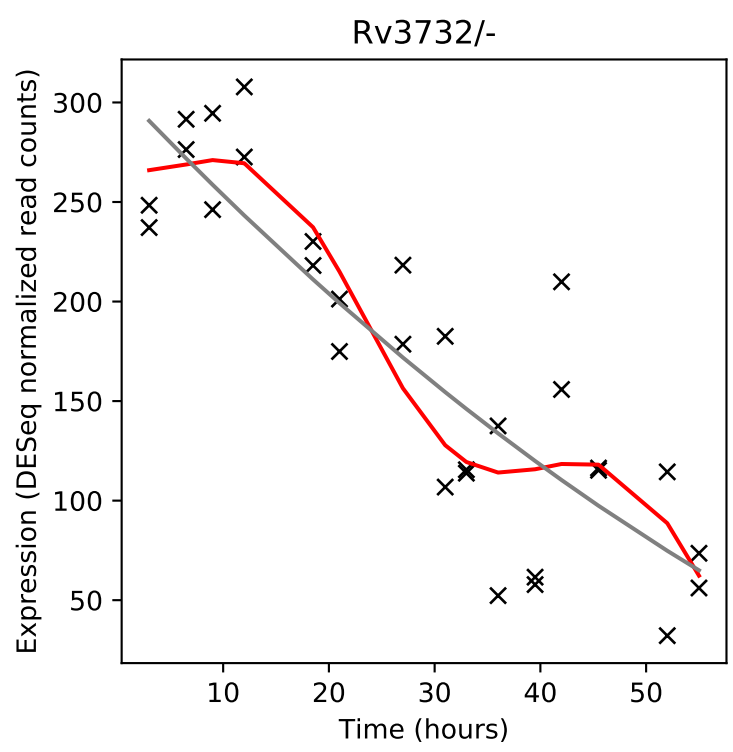

Rv3727/-
Expression (DESeq normalized read counts)
Time (hours)

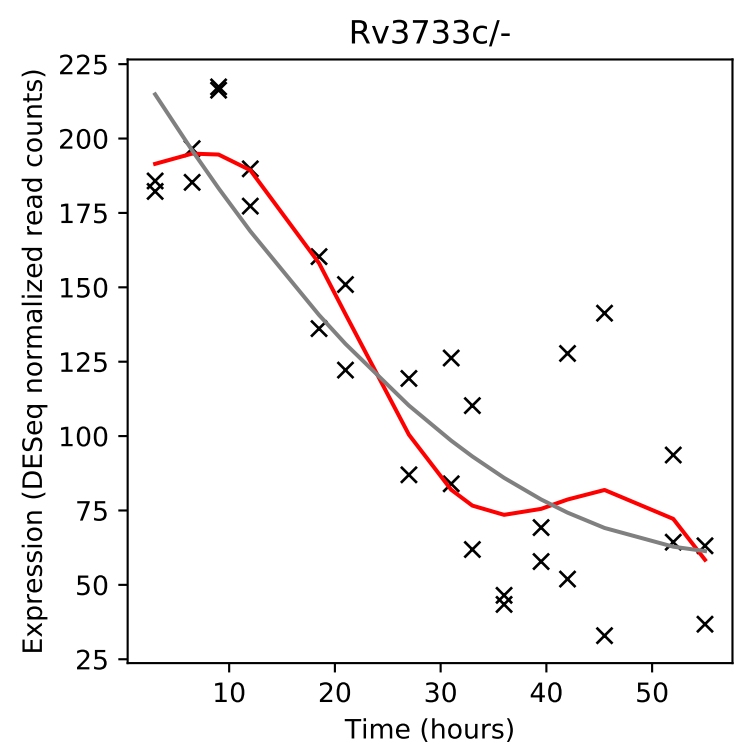

Rv3728/-
Expression (DESeq normalized read counts)
Time (hours)

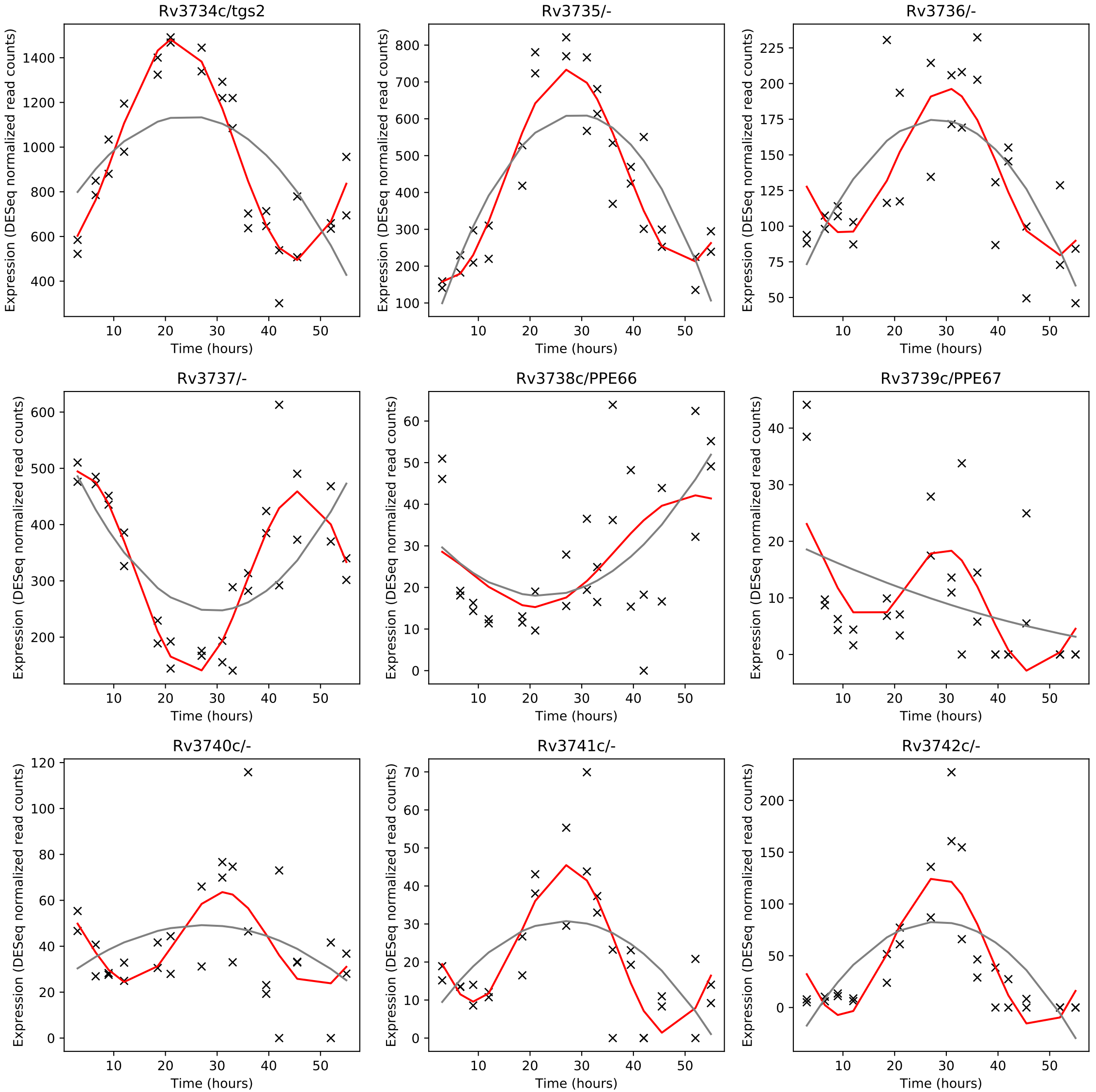

Rv3729/-
Expression (DESeq normalized read counts)
Time (hours)

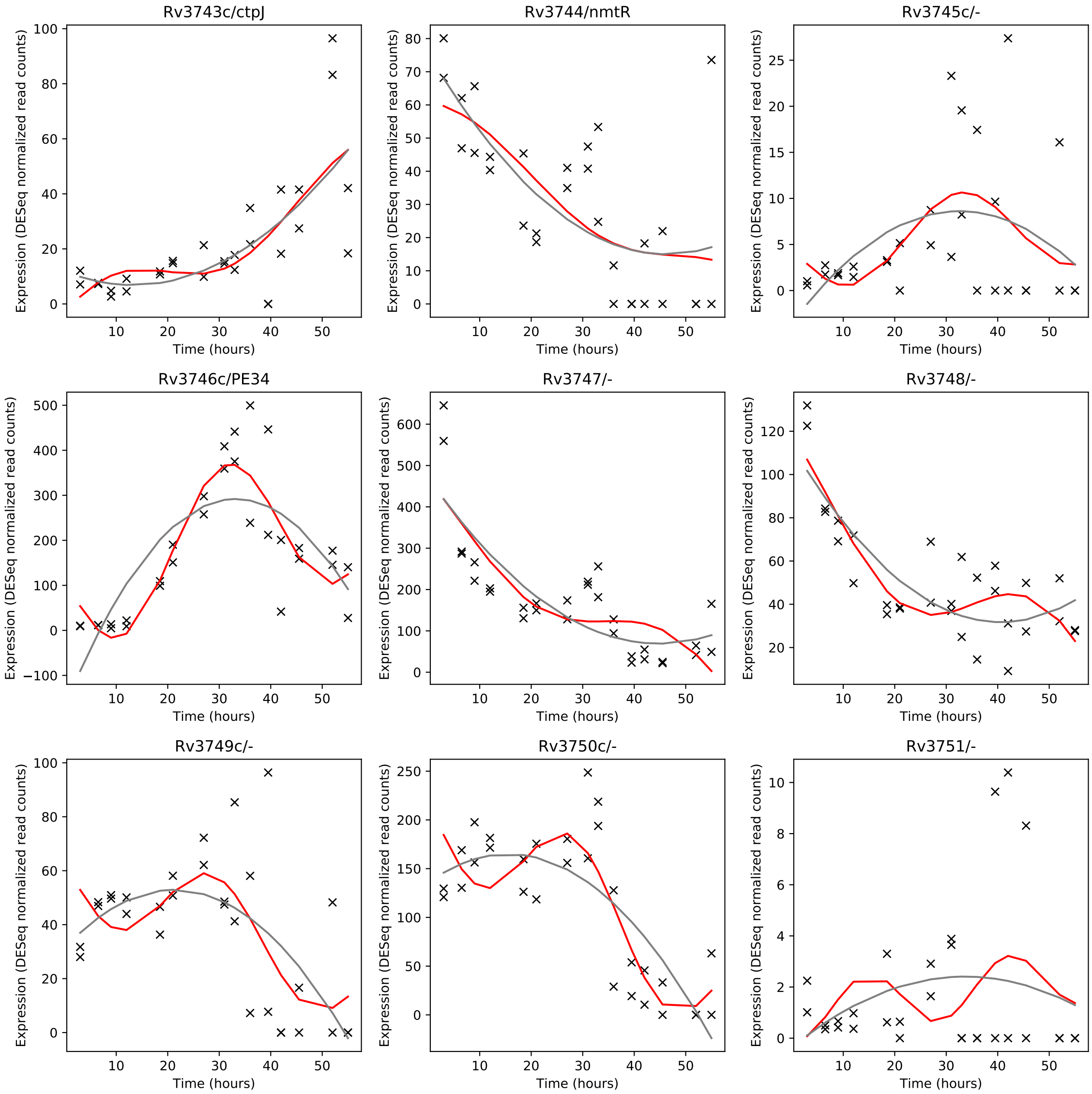

Rv3730c/-
Expression (DESeq normalized read counts)
Time (hours)

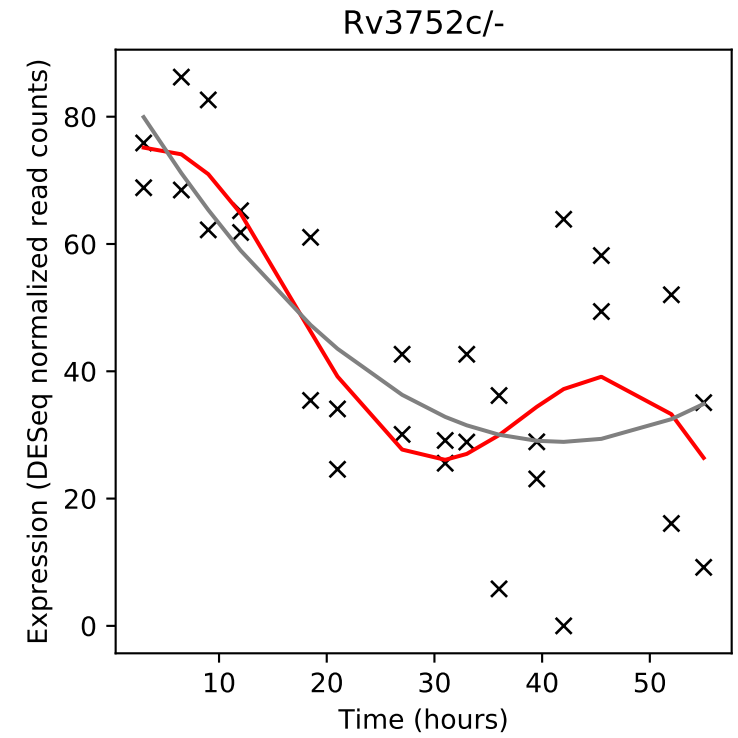

Rv3731/ligC
Expression (DESeq normalized read counts)
Time (hours)

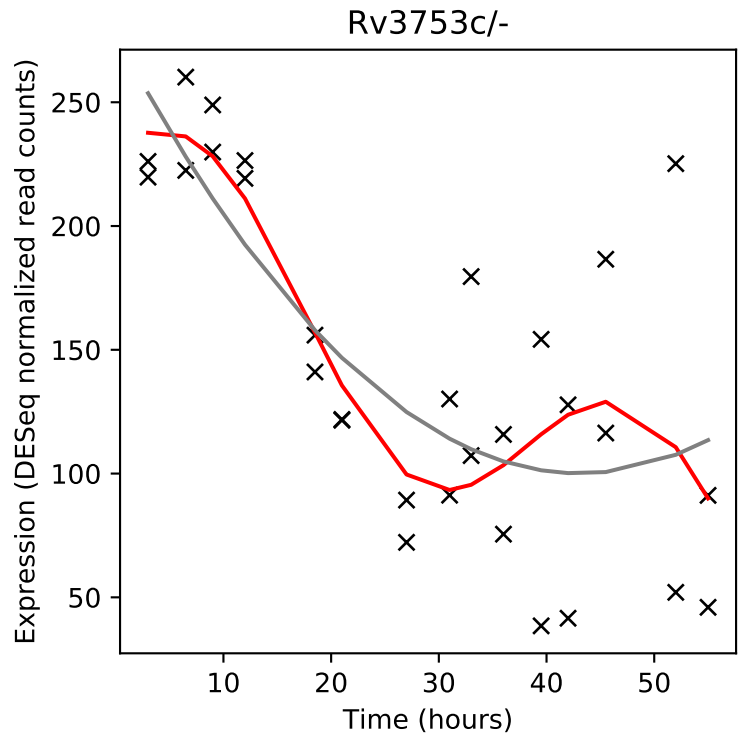

Rv3732/-
Expression (DESeq normalized read counts)
Time (hours)

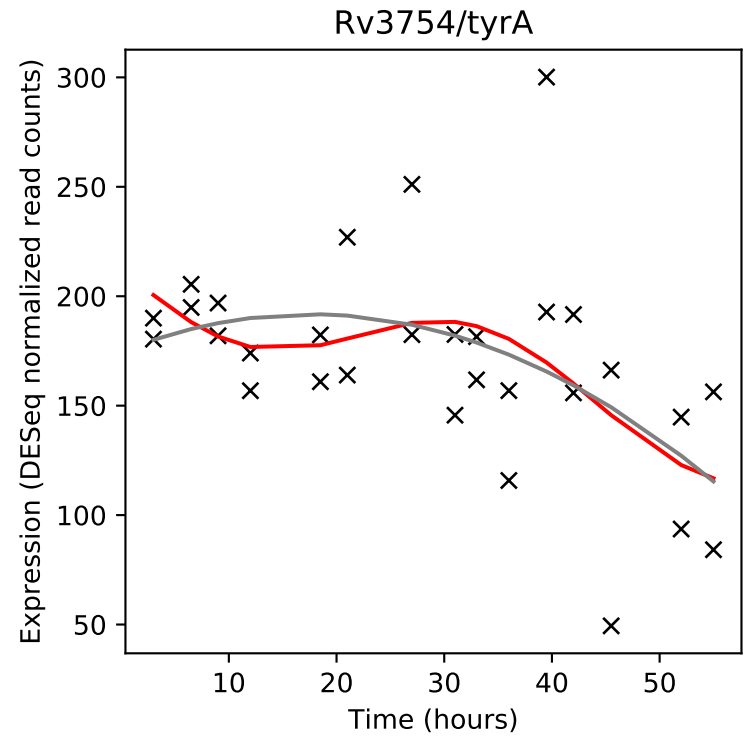

Rv3733c/-
Expression (DESeq normalized read counts)
Time (hours)

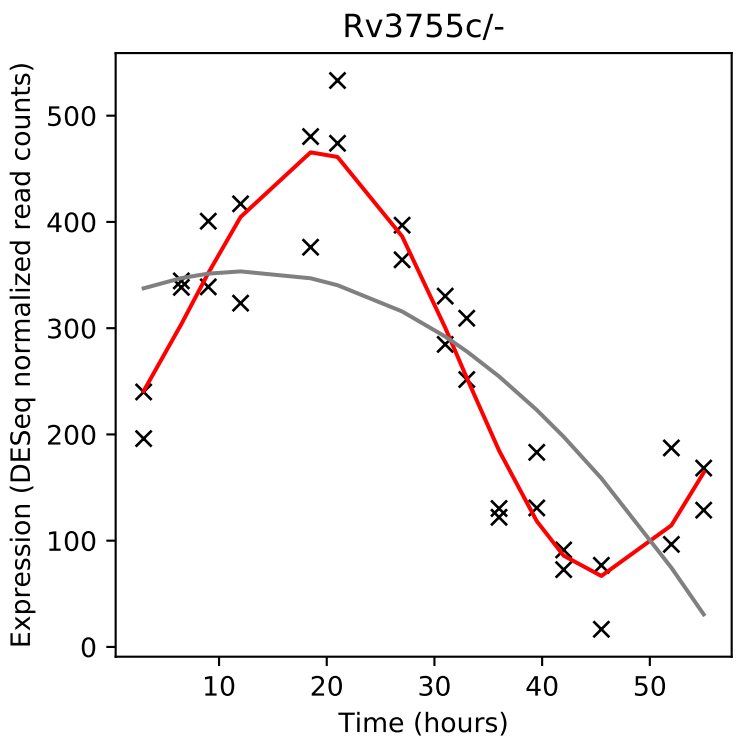

Rv3734c/tgs2
Rv3735/-
Rv3736/-
Rv3737/-
Rv3738c/PPE66
Rv3739c/PPE67
Rv3740c/-
Rv3741c/-
Rv3742c/-
Expression (DESeq normalized read counts)
Time (hours)

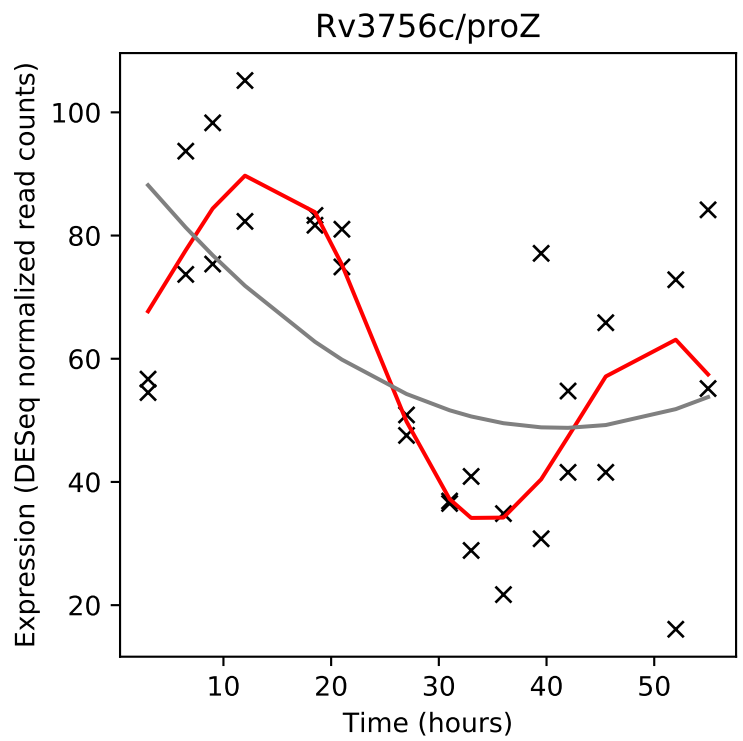

Rv3743c/ctpJ
Rv3744/nmtR
Rv3745c/-
Rv3746c/PE34
Rv3747/-
Rv3748/-
Rv3749c/-
Rv3750c/-
Rv3751/-
Expression (DESeq normalized read counts)
Time (hours)

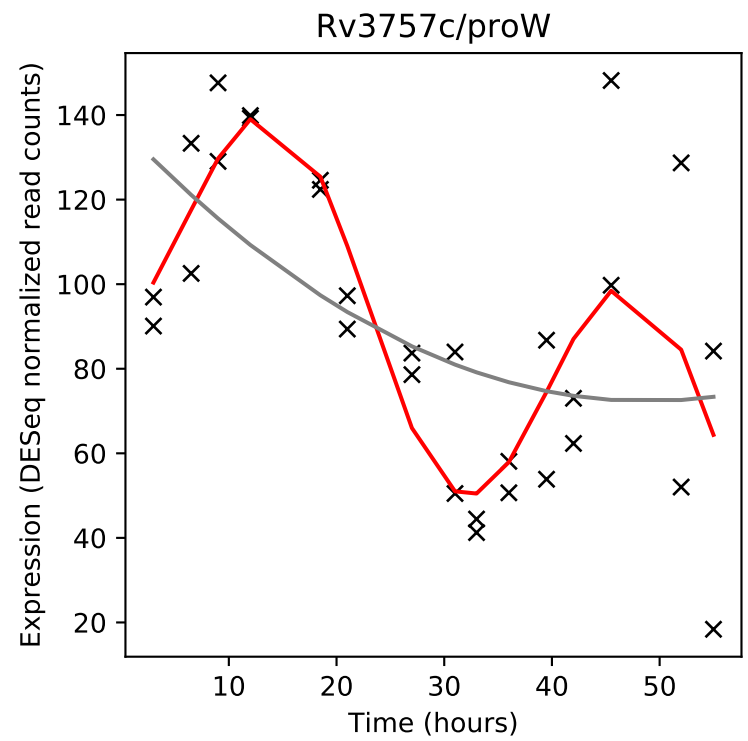

Rv3752c/-
Expression (DESeq normalized read counts)
Time (hours)

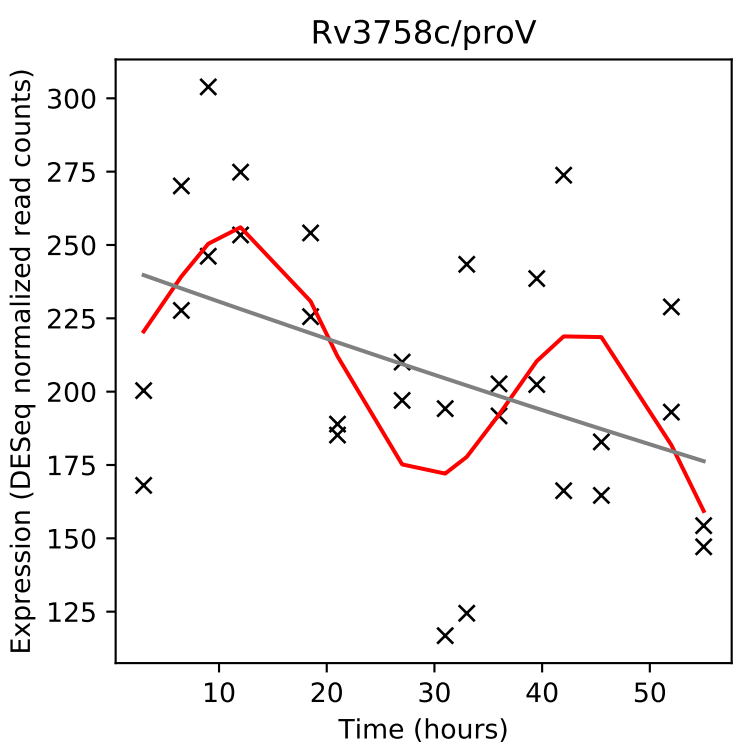

Rv3753c/-
Expression (DESeq normalized read counts)
Time (hours)

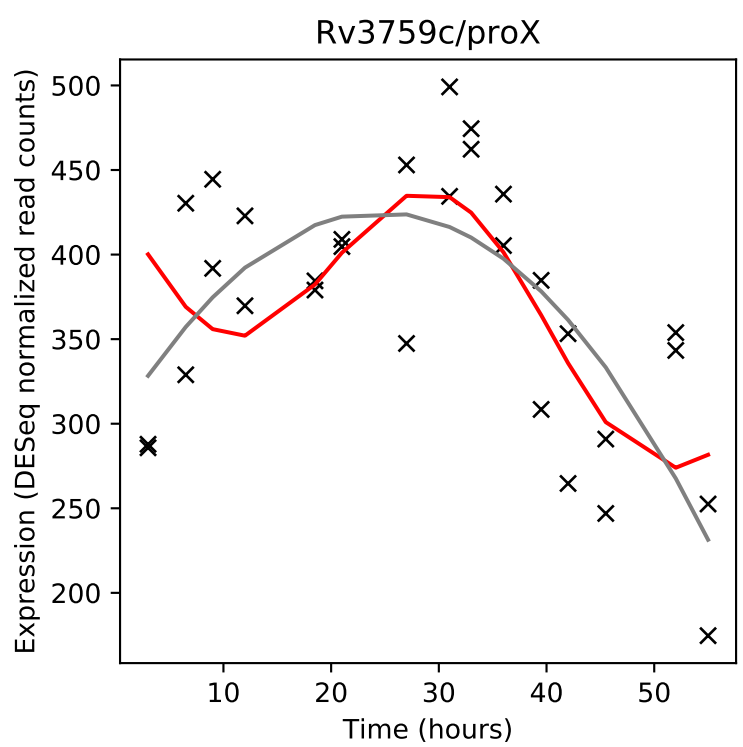

Rv3754/tyrA
Expression (DESeq normalized read counts)
Time (hours)

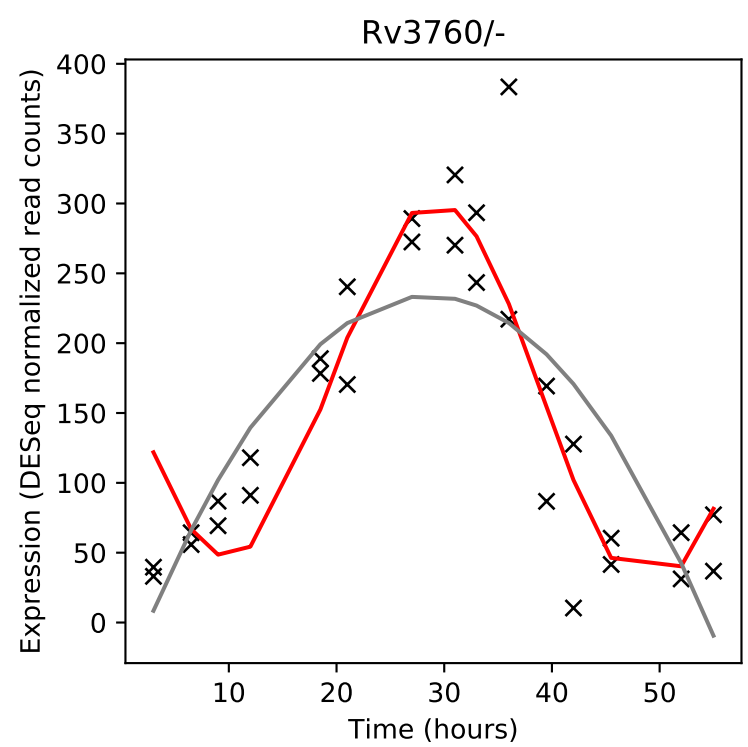

Rv3755c/-
Expression (DESeq normalized read counts)
Time (hours)

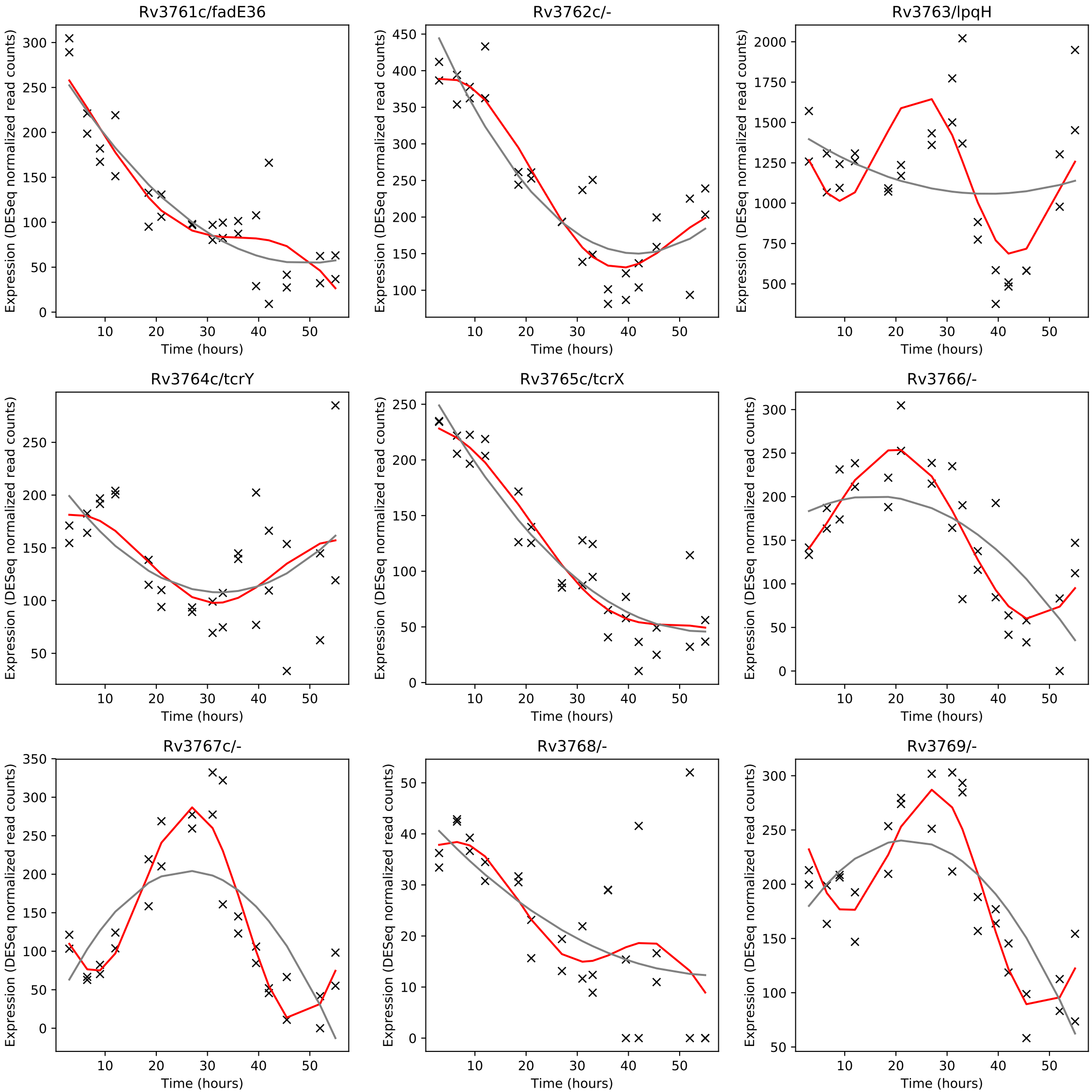

Rv3756c/proZ
Expression (DESeq normalized read counts)
Time (hours)

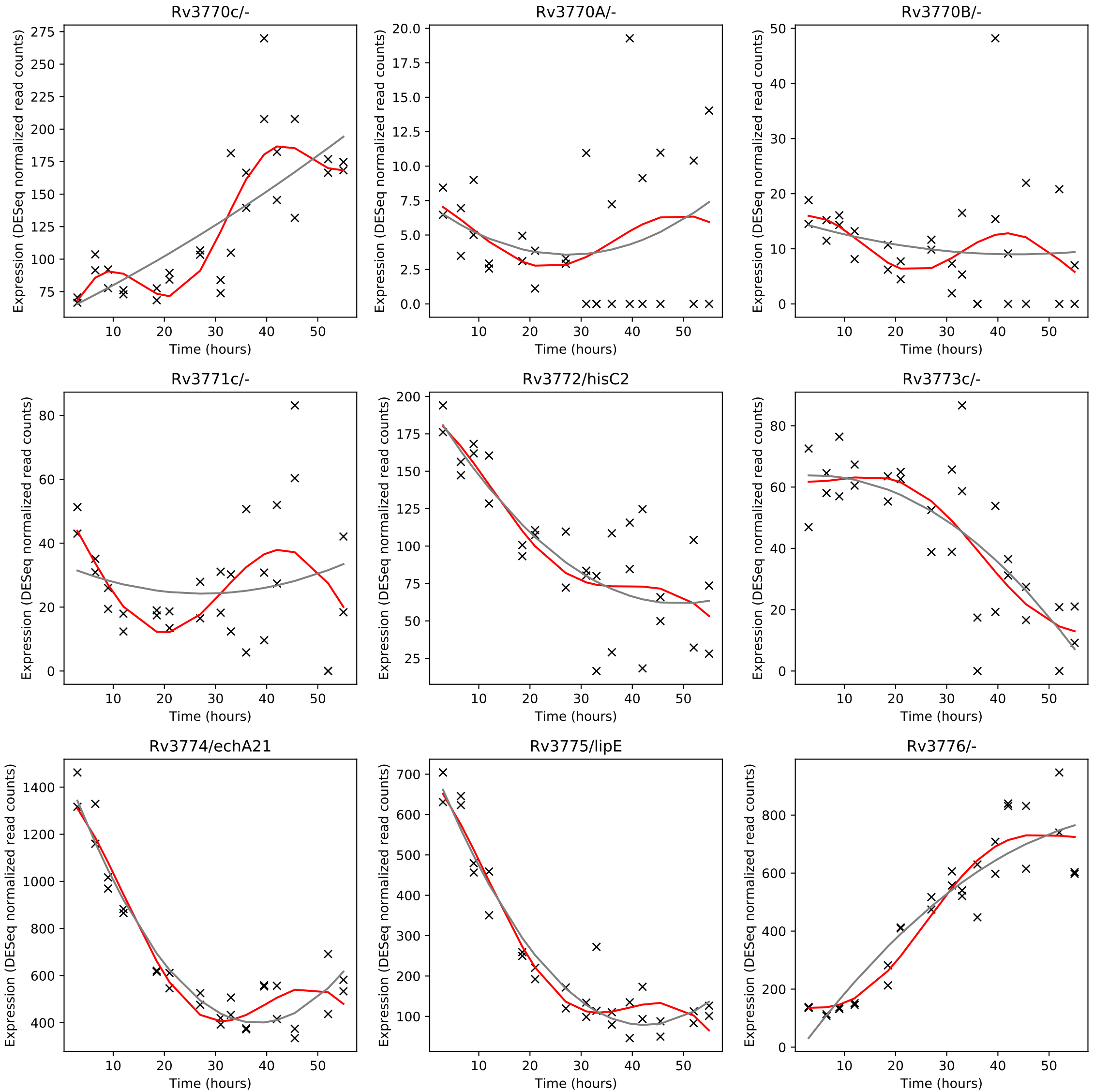

Rv3757c/proW
Expression (DESeq normalized read counts)
Time (hours)

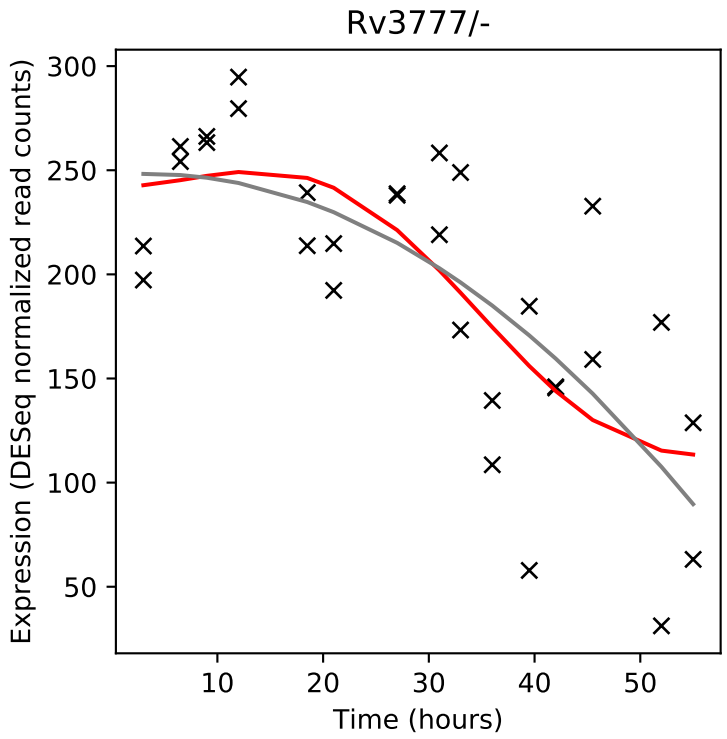

Rv3758c/proV
Expression (DESeq normalized read counts)
Time (hours)

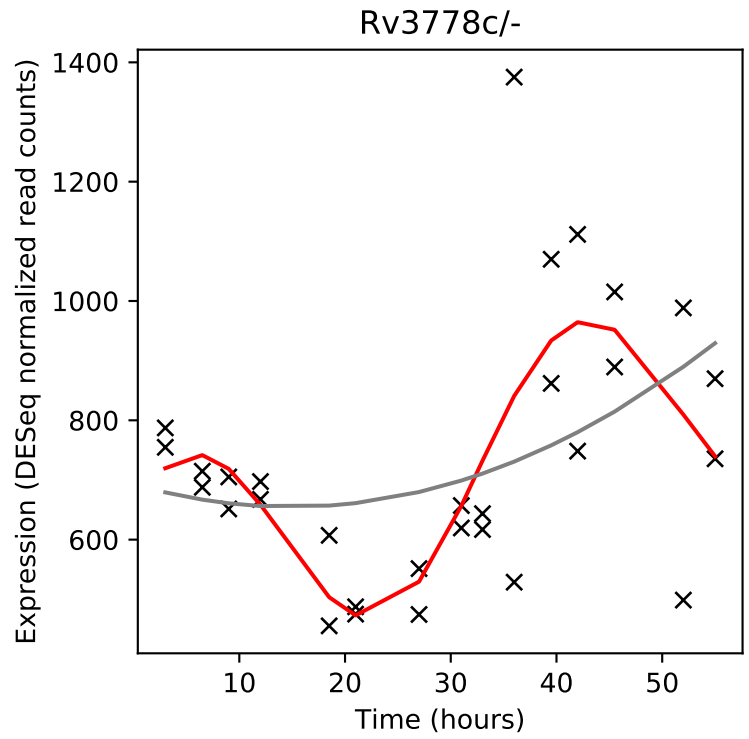

Rv3759c/proX
Expression (DESeq normalized read counts)
Time (hours)

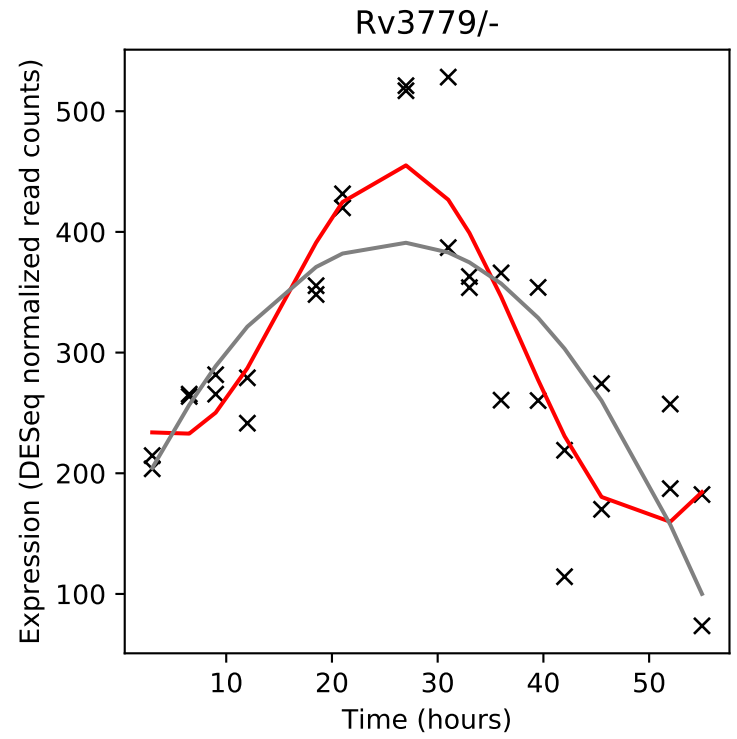

Rv3760/-
Expression (DESeq normalized read counts)
Time (hours)

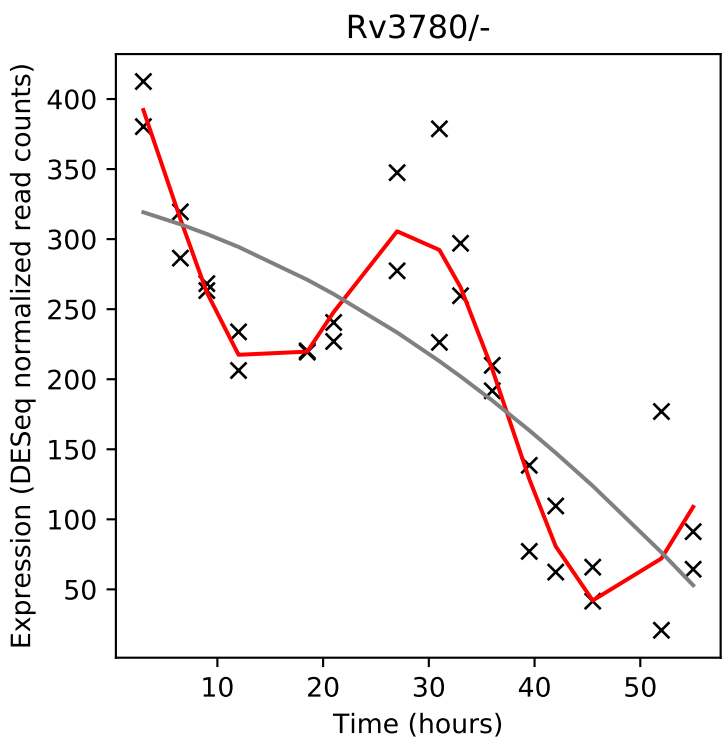

Rv3761c/fadE36
Rv3762c/-
Rv3763/lpqH
Rv3764c/tcrY
Rv3765c/tcrX
Rv3766/-
Rv3767c/-
Rv3768/-
Rv3769/-
Expression (DESeq normalized read counts)
Time (hours)

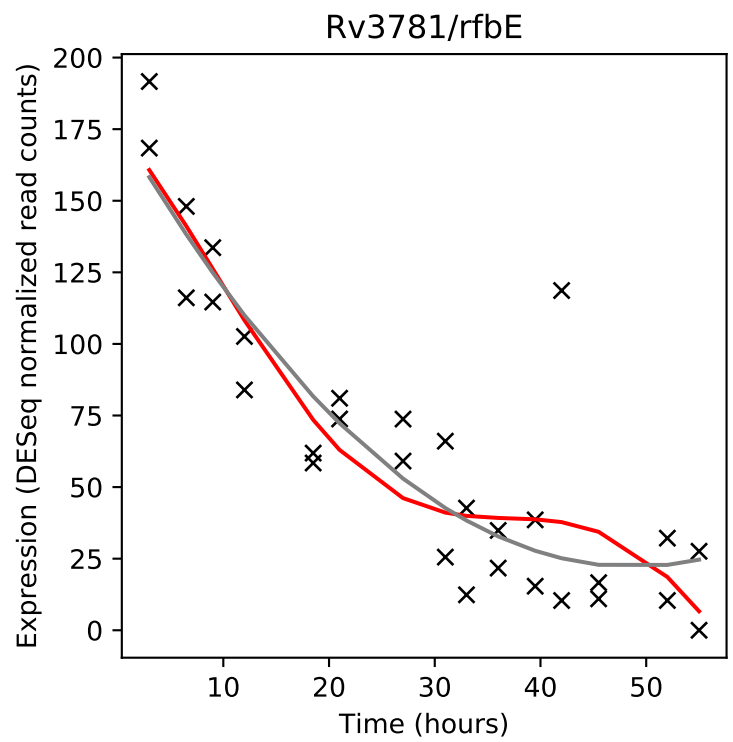

Rv3770c/-
Rv3770A/-
Rv3770B/-
Rv3771c/-
Rv3772/hisC2
Rv3773c/-
Rv3774/echA21
Rv3775/lipE
Rv3776/-
Expression (DESeq normalized read counts)
Time (hours)

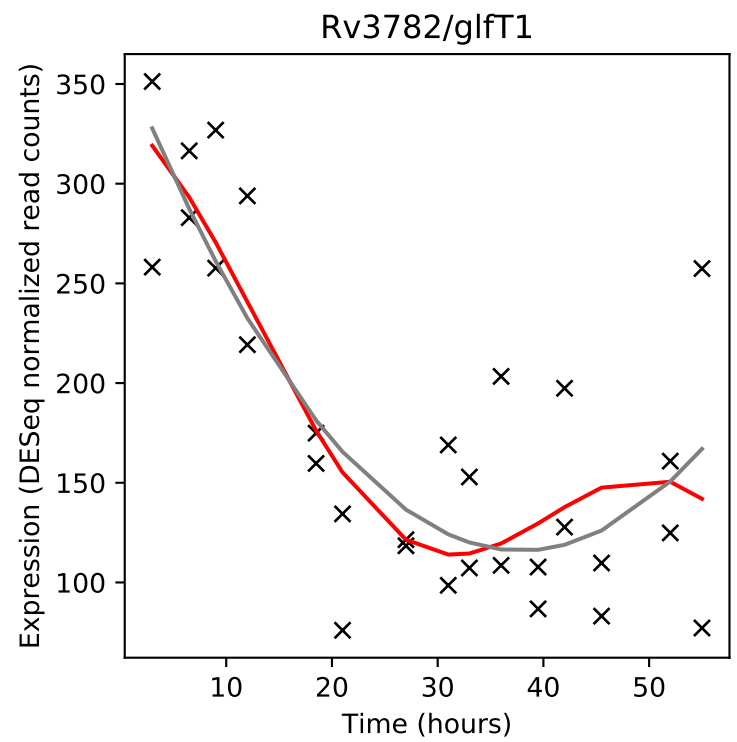

Rv3777/-
Expression (DESeq normalized read counts)
Time (hours)

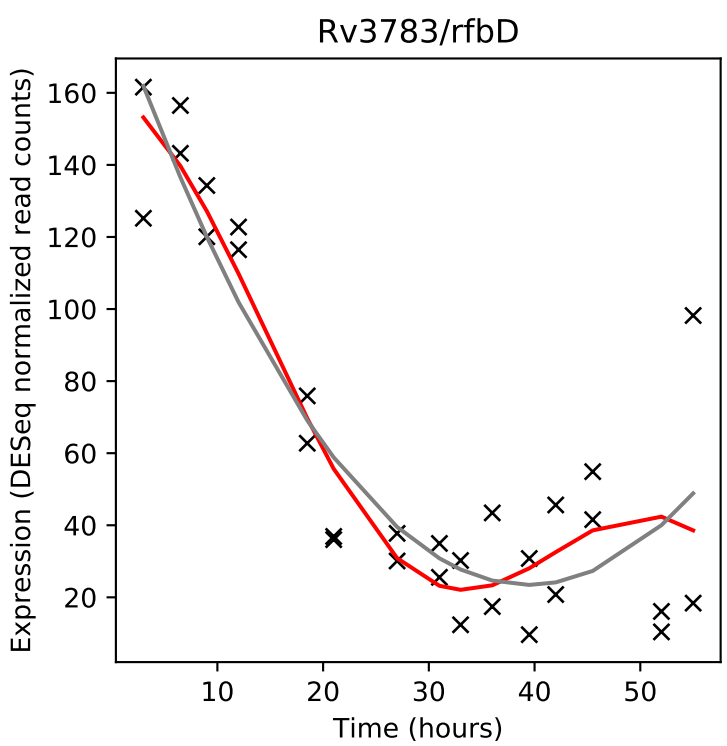

Rv3778c/-
Expression (DESeq normalized read counts)
Time (hours)

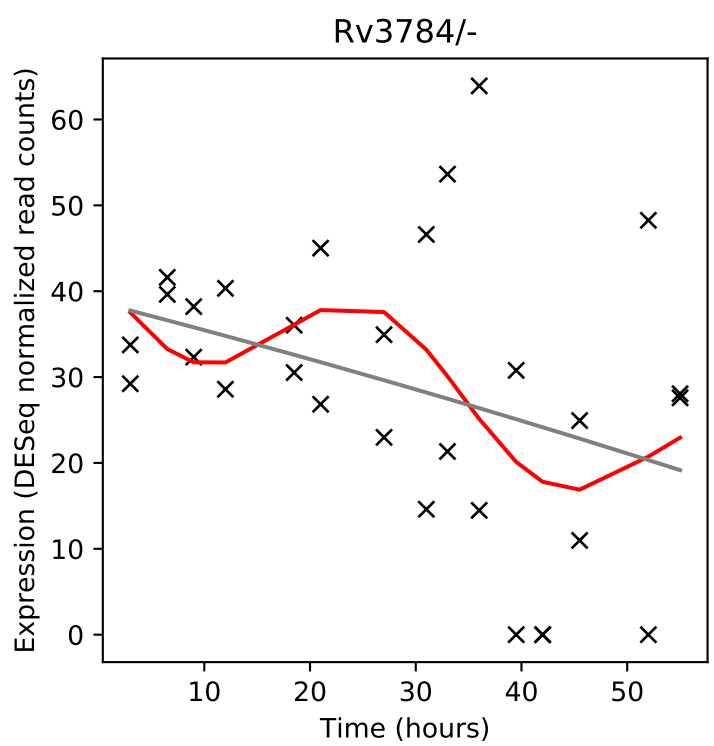

Rv3779/-
Expression (DESeq normalized read counts)
Time (hours)

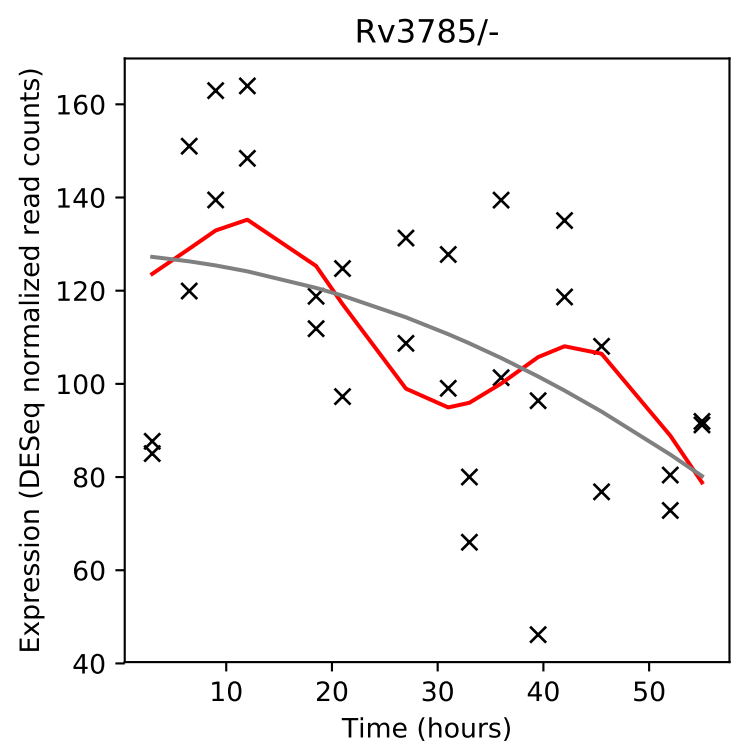

Rv3780/-
Expression (DESeq normalized read counts)
Time (hours)

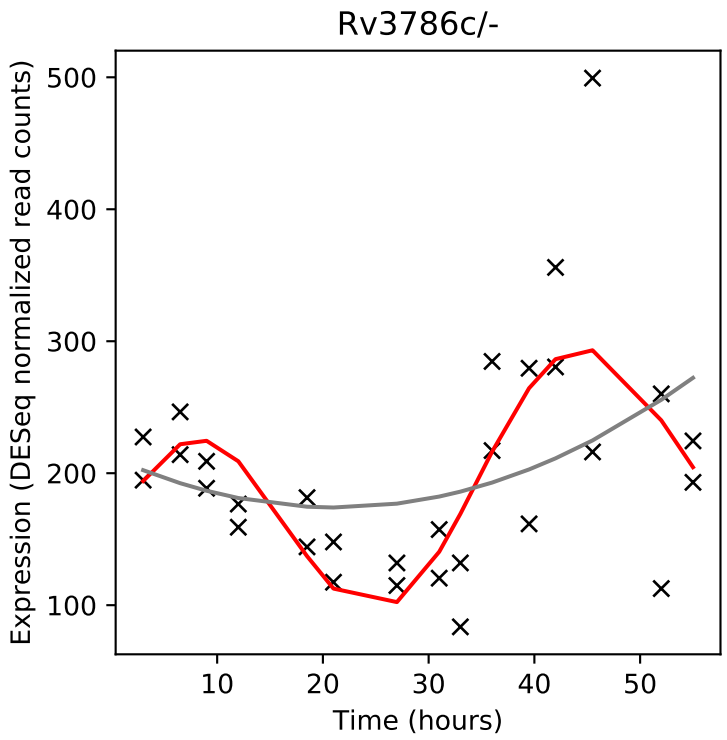

Rv3781/rfbE
Expression (DESeq normalized read counts)
Time (hours)

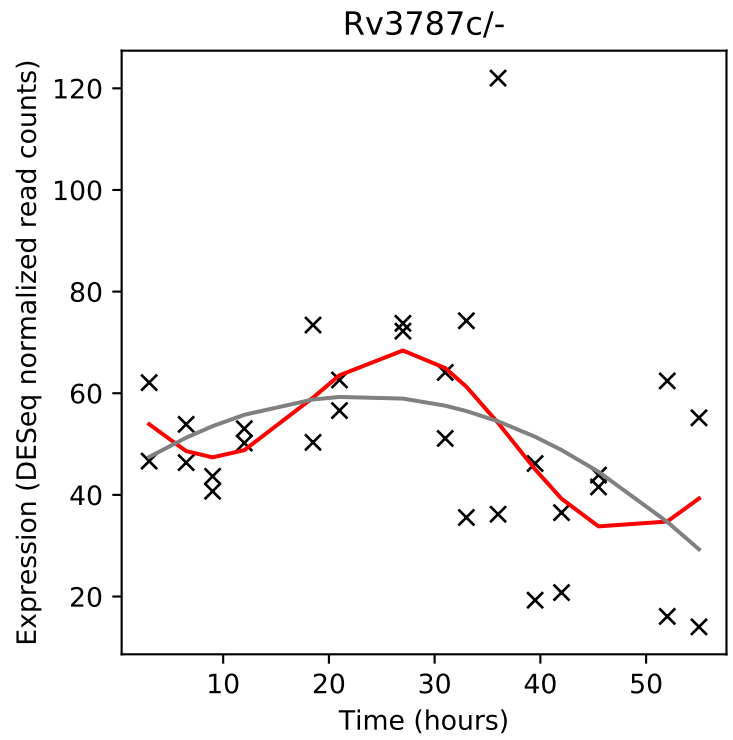

Rv3782/glfT1
Expression (DESeq normalized read counts)
Time (hours)

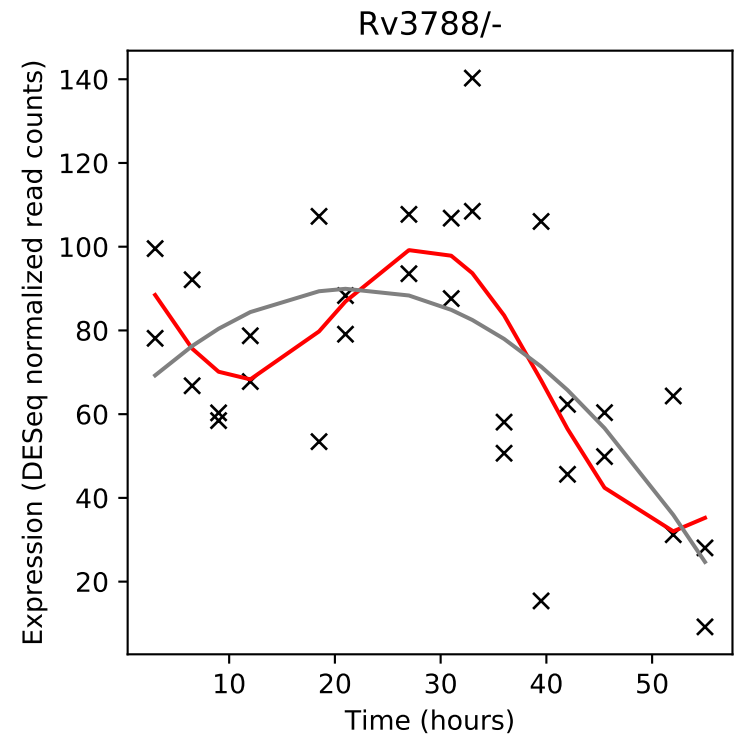

Rv3783/rfbD
Expression (DESeq normalized read counts)
Time (hours)

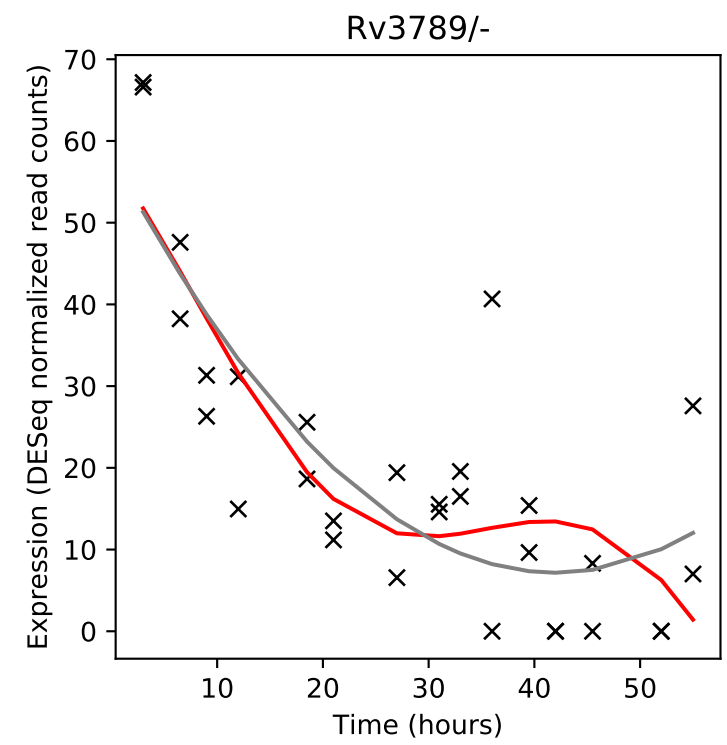

Rv3784/-
Expression (DESeq normalized read counts)
Time (hours)

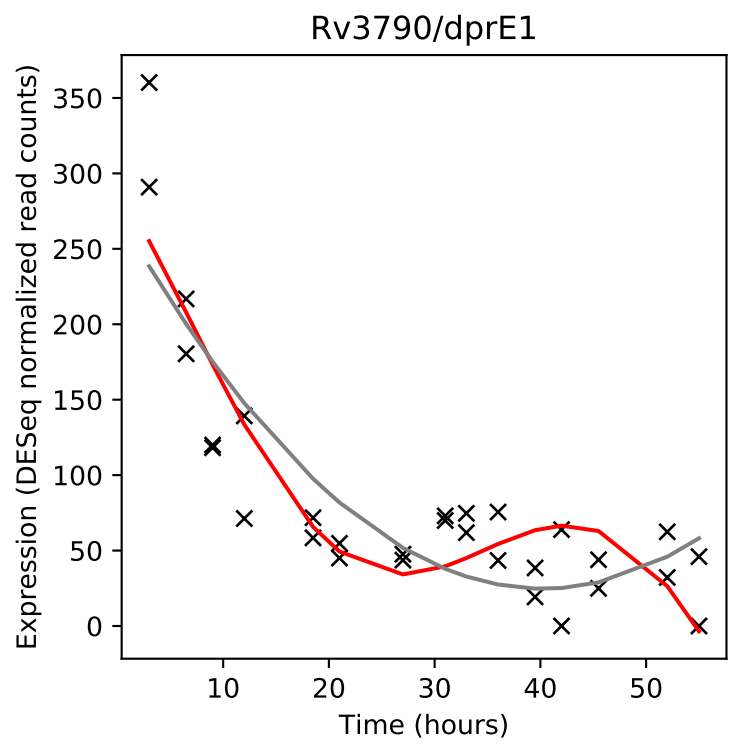

Rv3785/-
Expression (DESeq normalized read counts)
Time (hours)

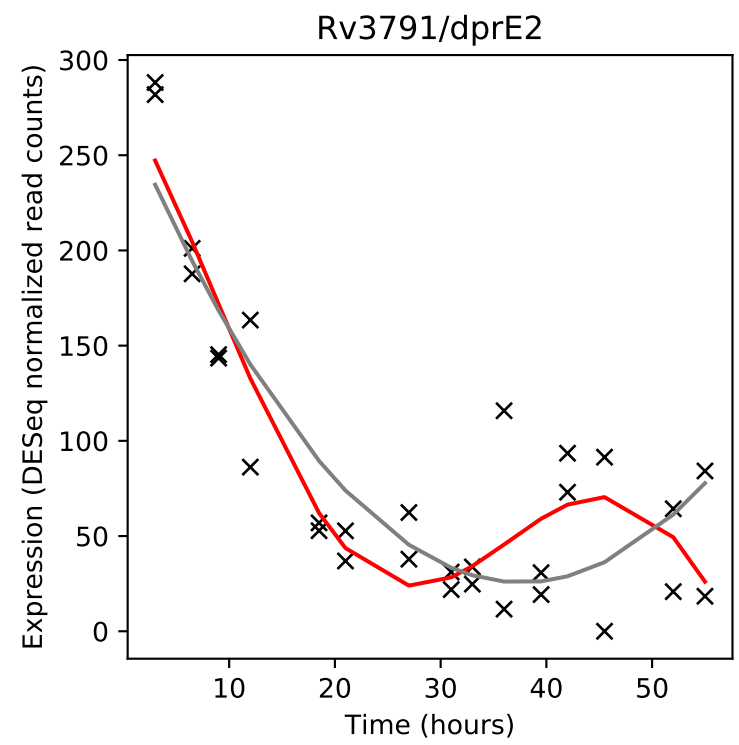

Rv3786c/-
Expression (DESeq normalized read counts)
Time (hours)

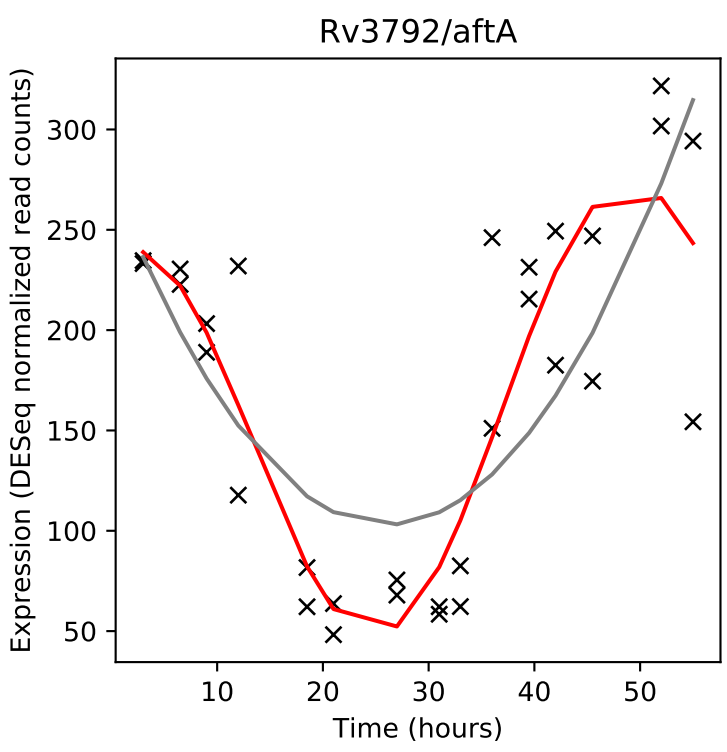

Rv3787c/-
Expression (DESeq normalized read counts)
Time (hours)

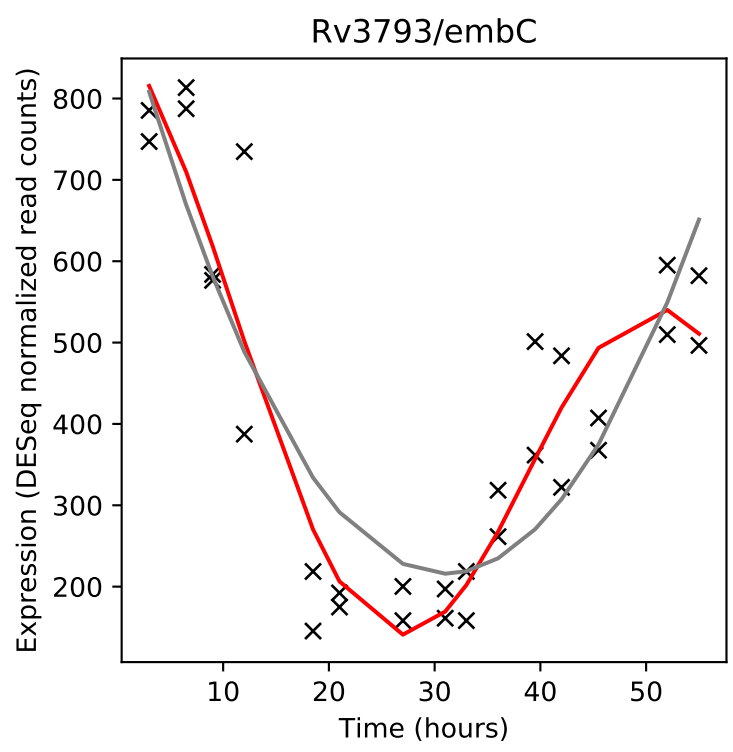

Rv3788/-
Expression (DESeq normalized read counts)
Time (hours)

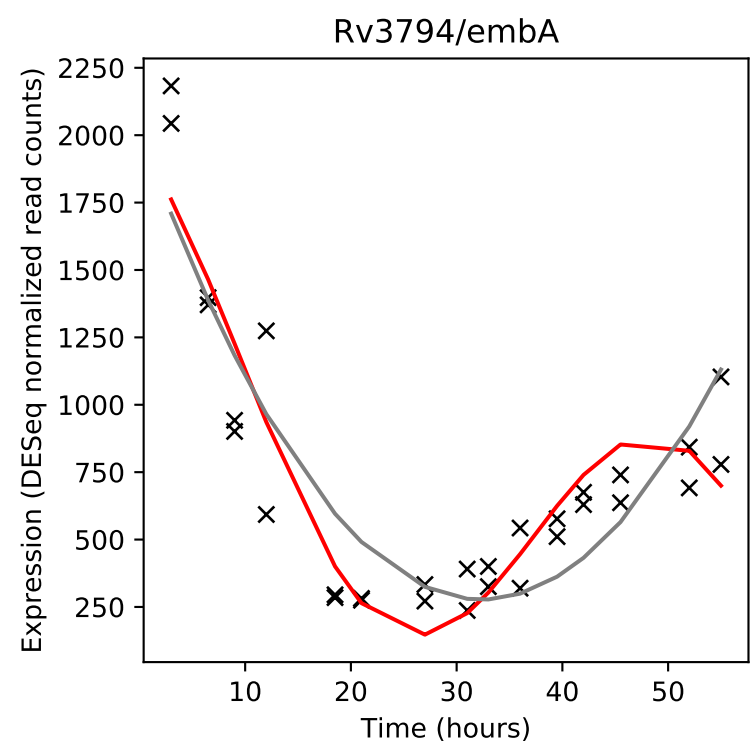

Rv3789/-
Expression (DESeq normalized read counts)
Time (hours)

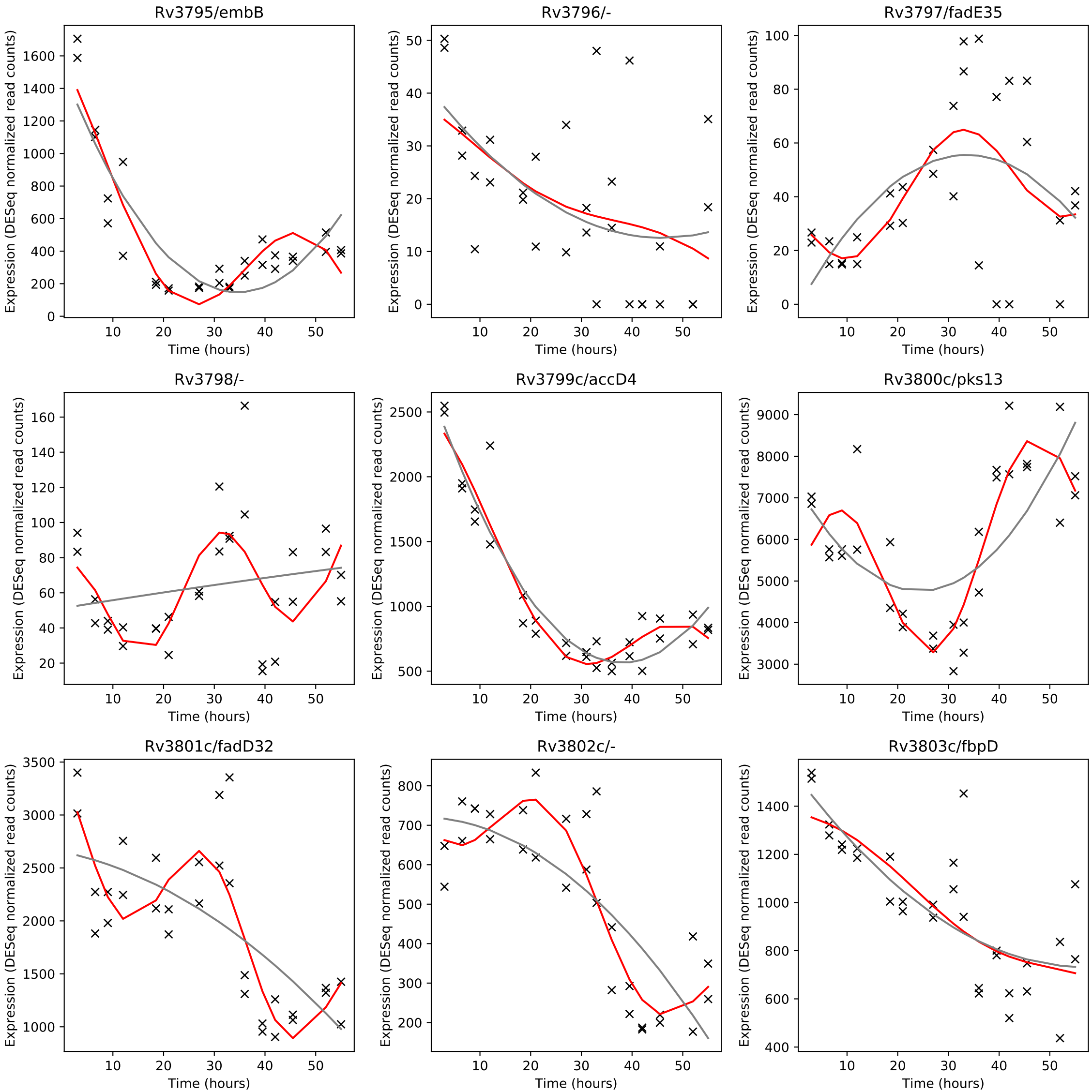

Rv3790/dprE1
Expression (DESeq normalized read counts)
Time (hours)

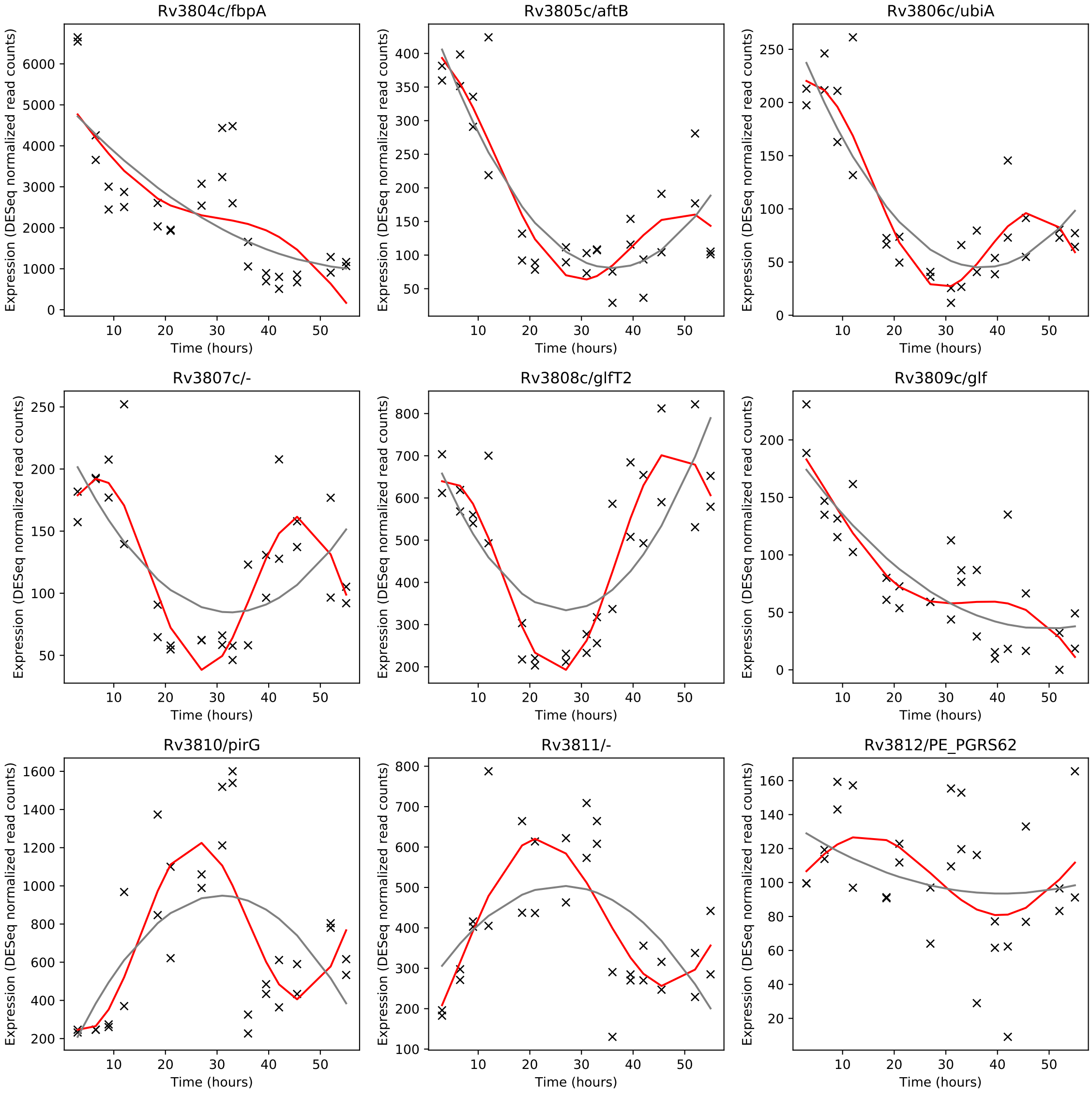

Rv3791/dprE2
Expression (DESeq normalized read counts)
Time (hours)

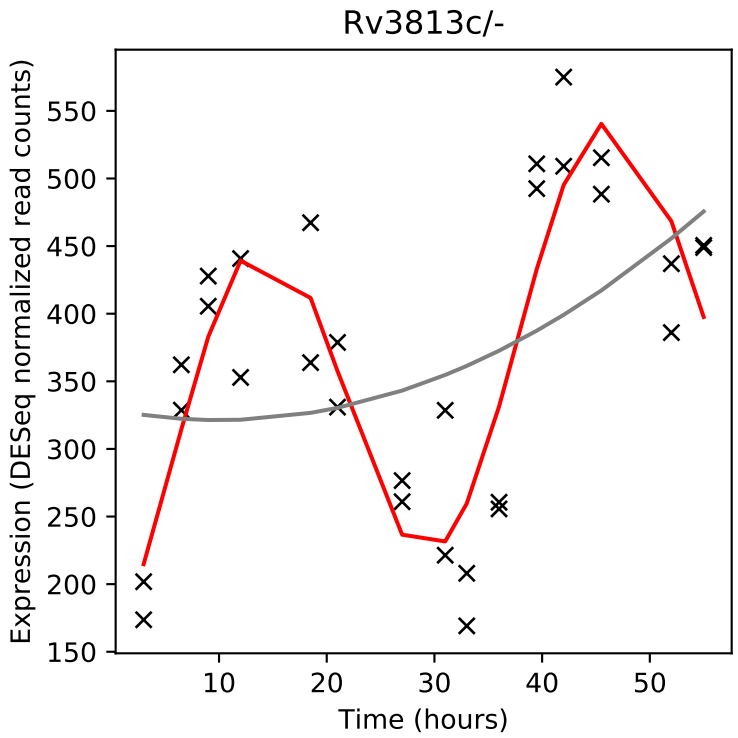

Rv3792/aftA
Expression (DESeq normalized read counts)
Time (hours)

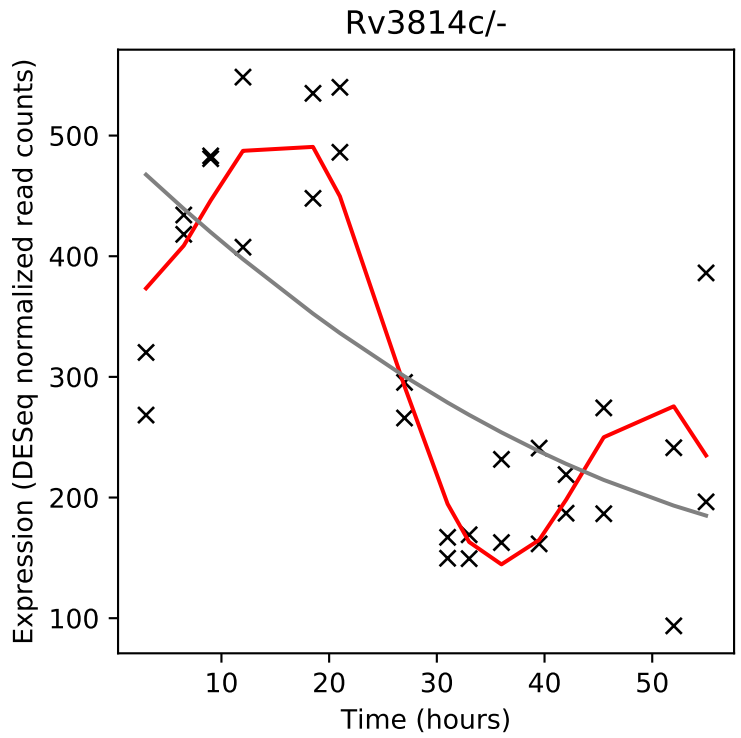

Rv3793/embC
Expression (DESeq normalized read counts)
Time (hours)

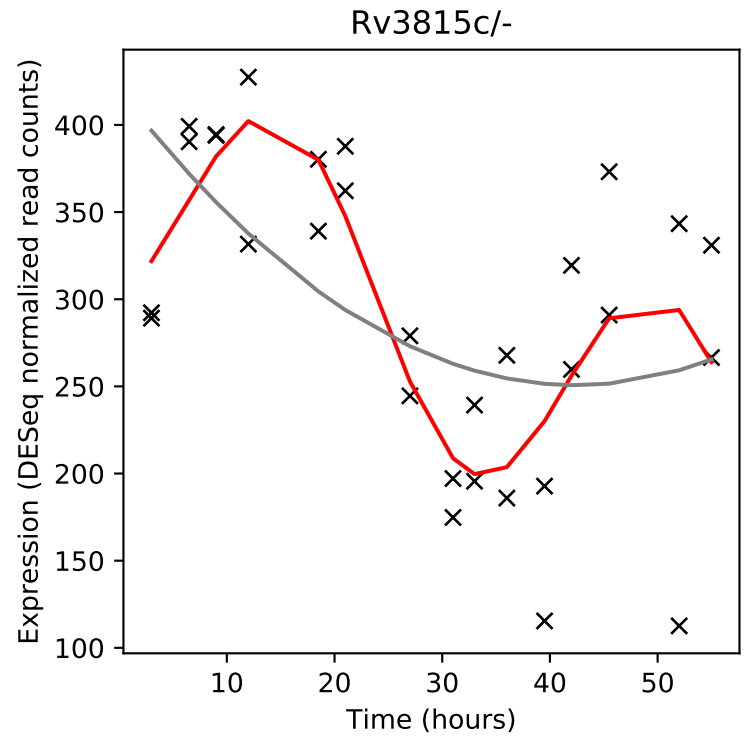

Rv3794/embA
Expression (DESeq normalized read counts)
Time (hours)

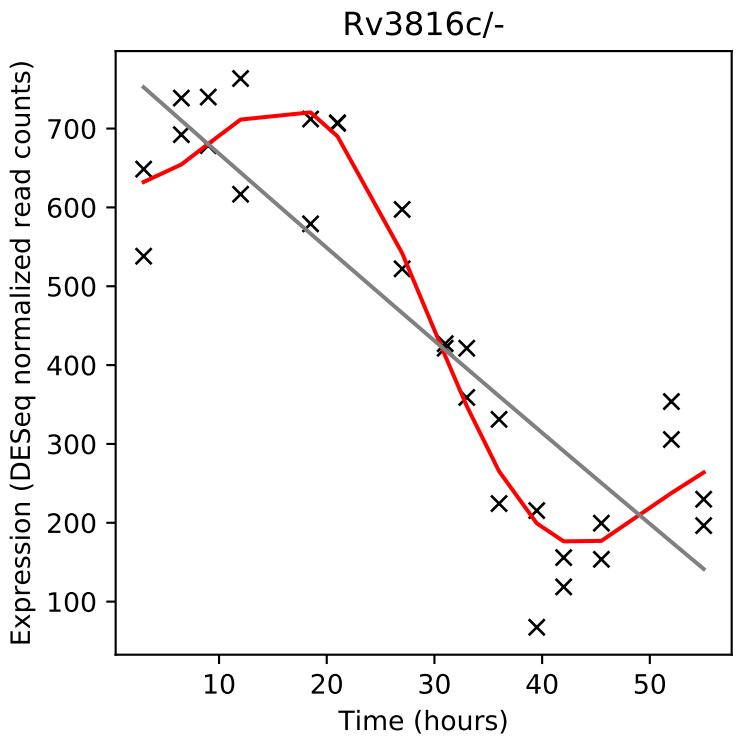

Rv3795/embB
Rv3796/-
Rv3797/fadE35
Rv3798/-
Rv3799c/accD4
Rv3800c/pks13
Rv3801c/fadD32
Rv3802c/-
Rv3803c/fbpD
Expression (DESeq normalized read counts)
Time (hours)

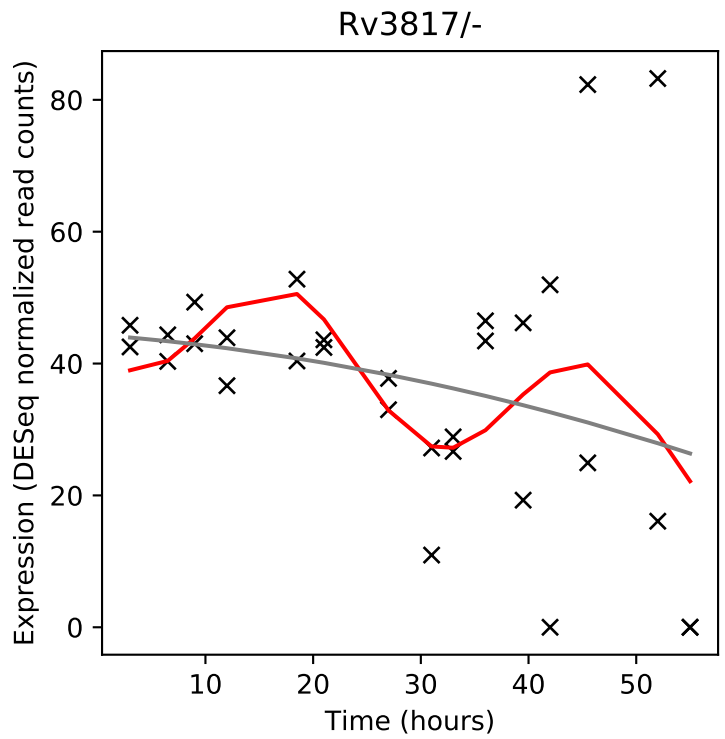

Rv3804c/fbpA
Rv3805c/aftB
Rv3806c/ubiA
Rv3807c/-
Rv3808c/glfT2
Rv3809c/glf
Rv3810/pirG
Rv3811/-
Rv3812/PE_PGRS62
Expression (DESeq normalized read counts)
Time (hours)

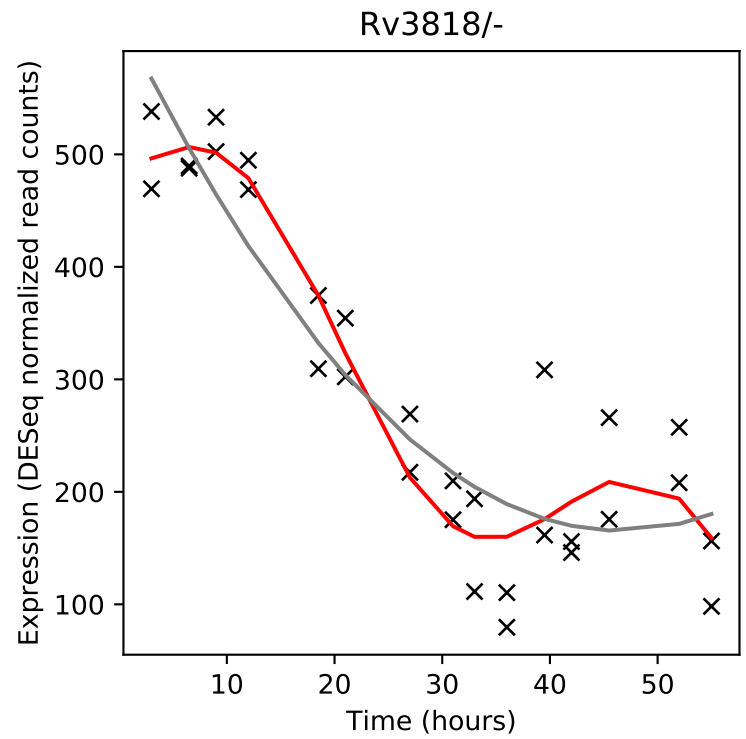

Rv3813c/-
Expression (DESeq normalized read counts)
Time (hours)

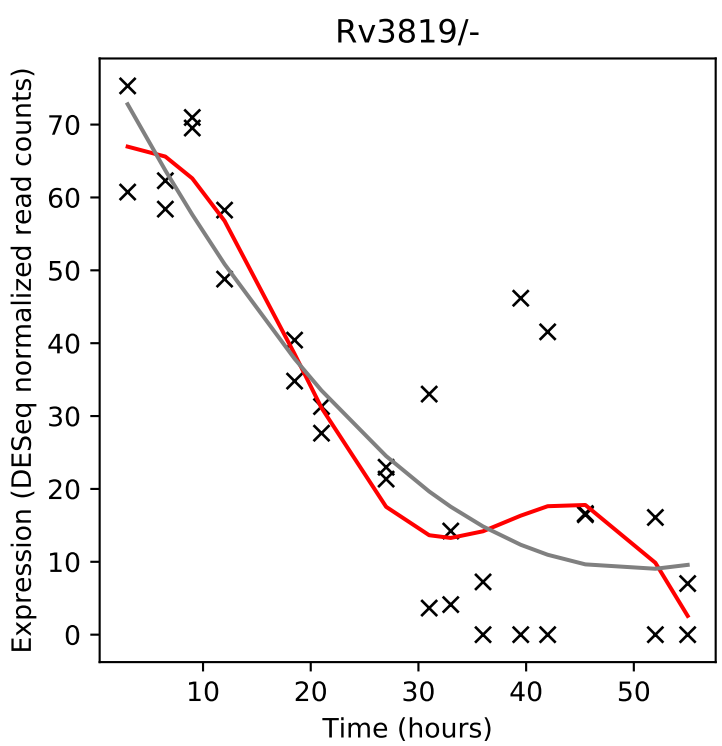

Rv3814c/-
Expression (DESeq normalized read counts)
Time (hours)

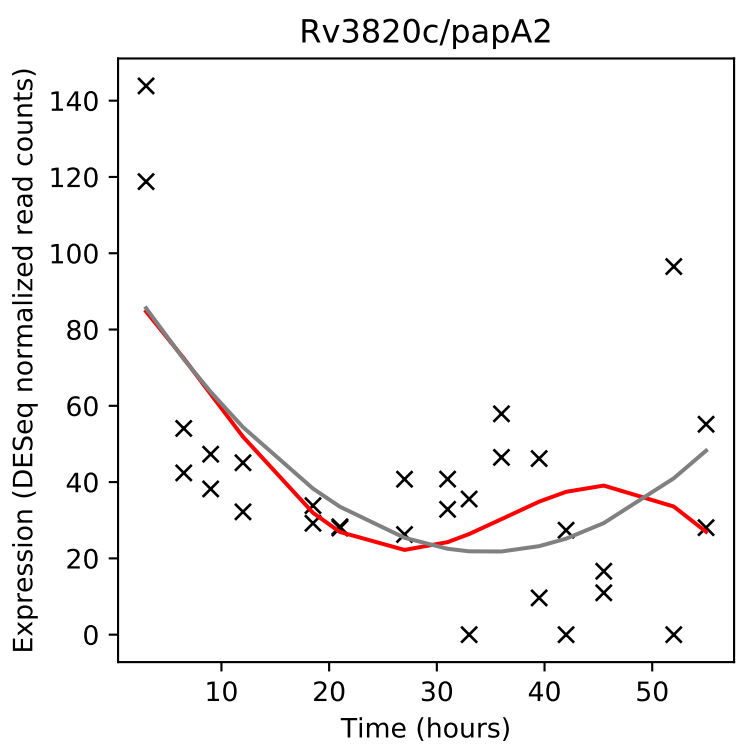

Rv3815c/-
Expression (DESeq normalized read counts)
Time (hours)

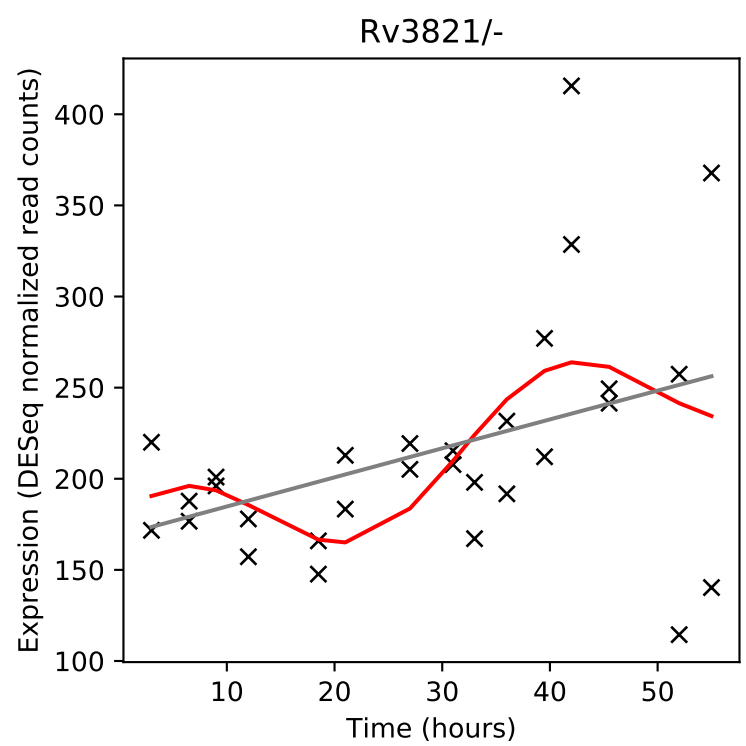

Rv3816c/-
Expression (DESeq normalized read counts)
Time (hours)

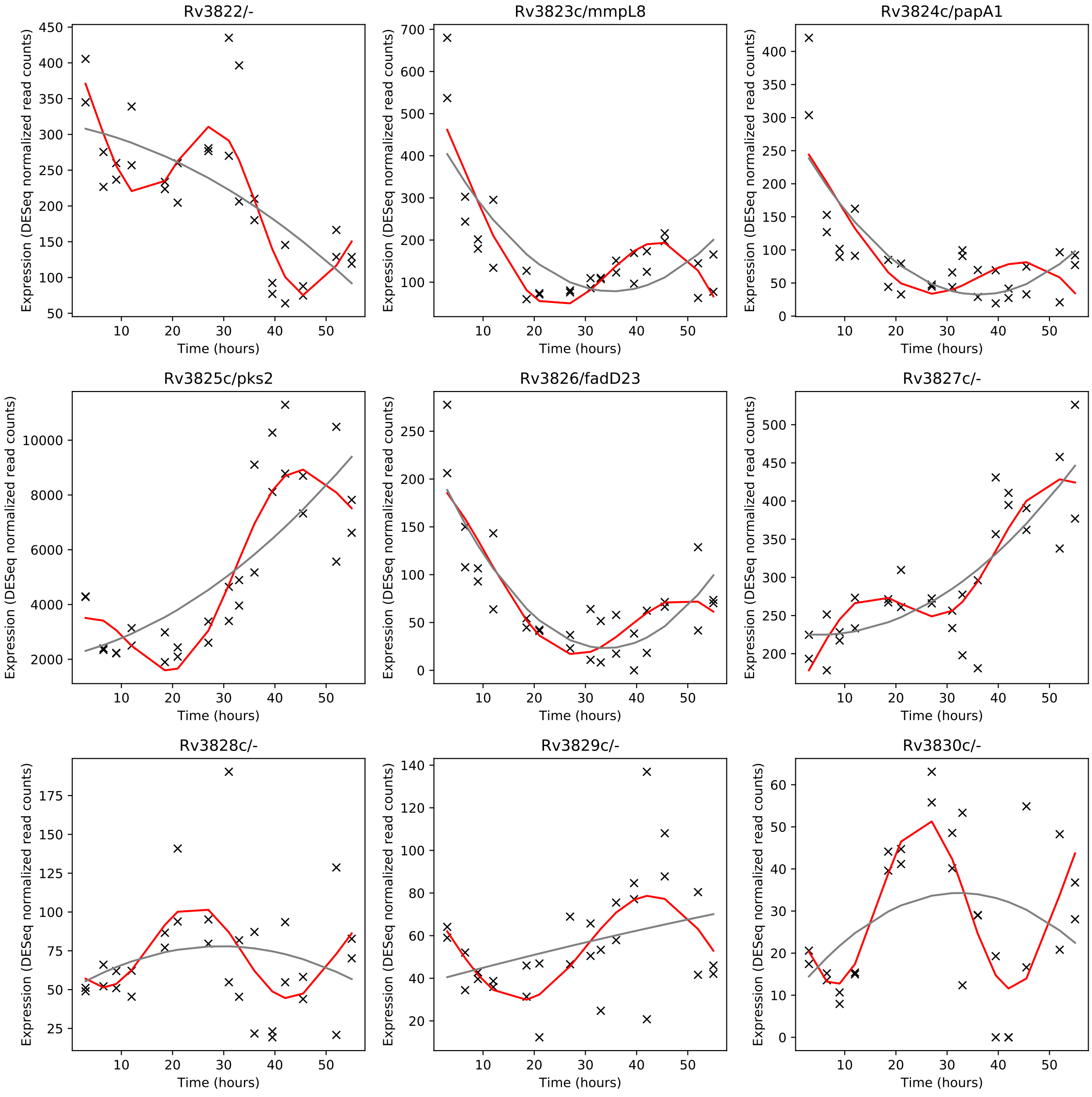

Rv3817/-
Expression (DESeq normalized read counts)
Time (hours)

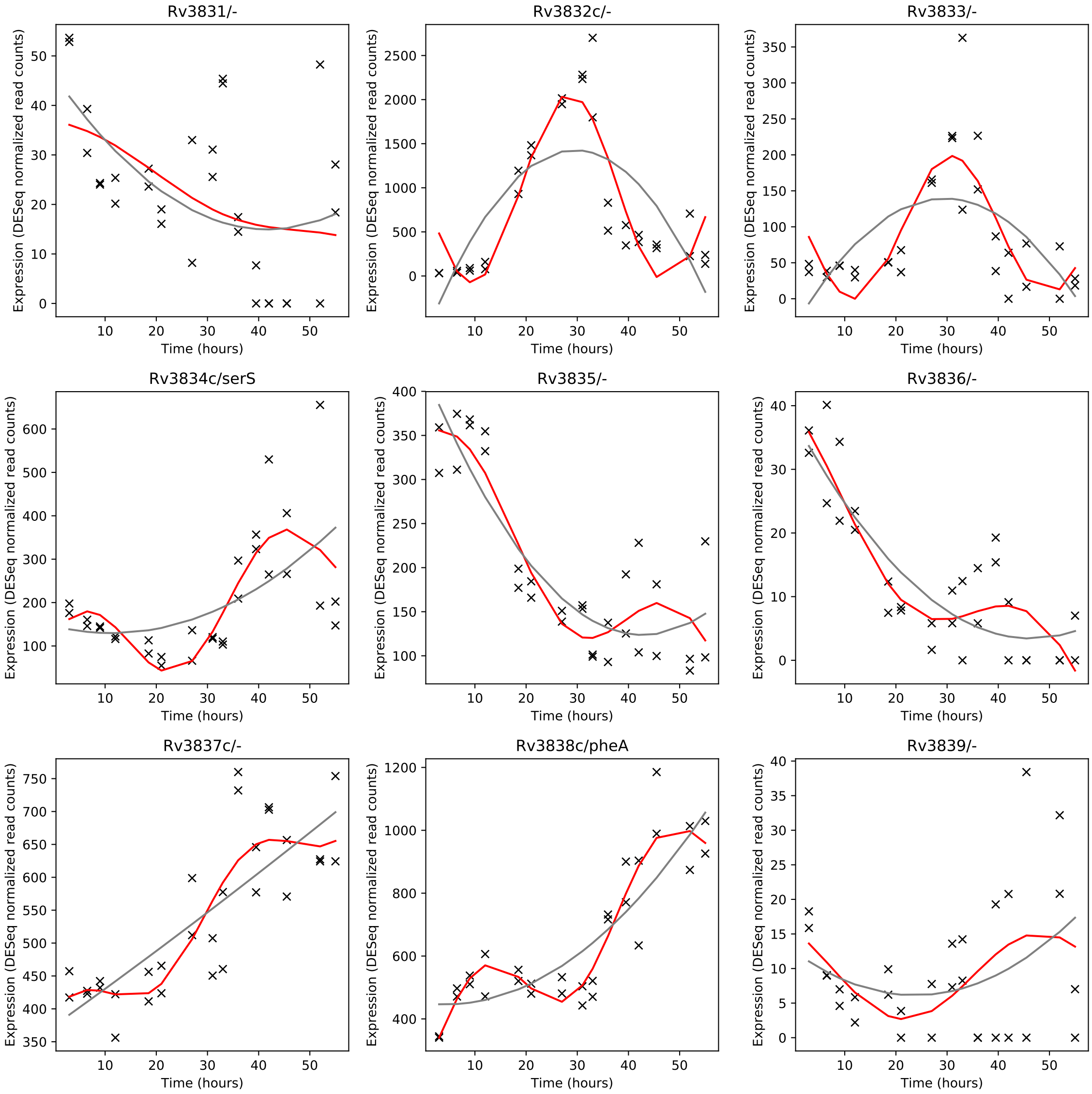

Rv3818/-
Expression (DESeq normalized read counts)
Time (hours)

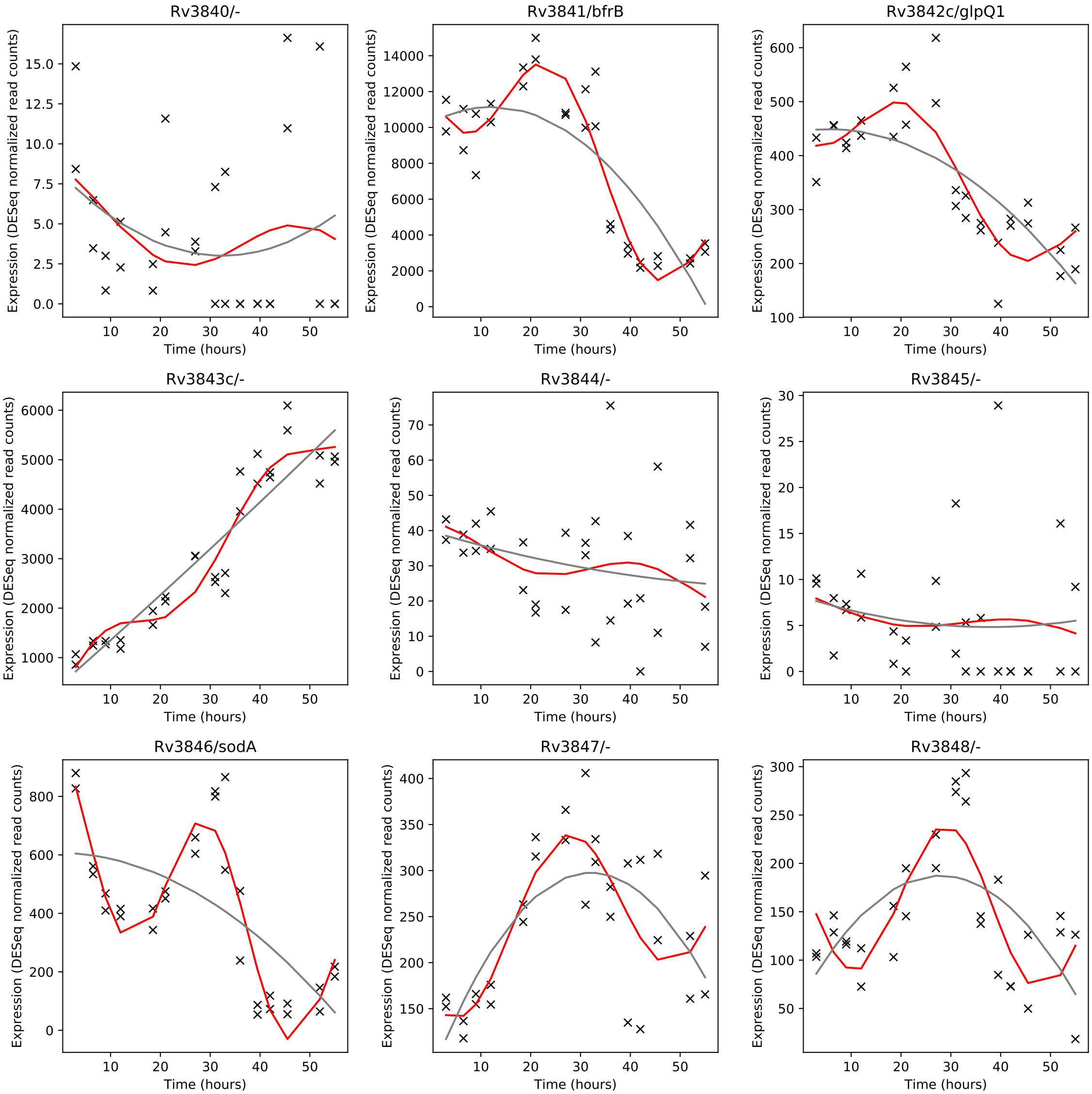

Rv3819/-
Expression (DESeq normalized read counts)
Time (hours)

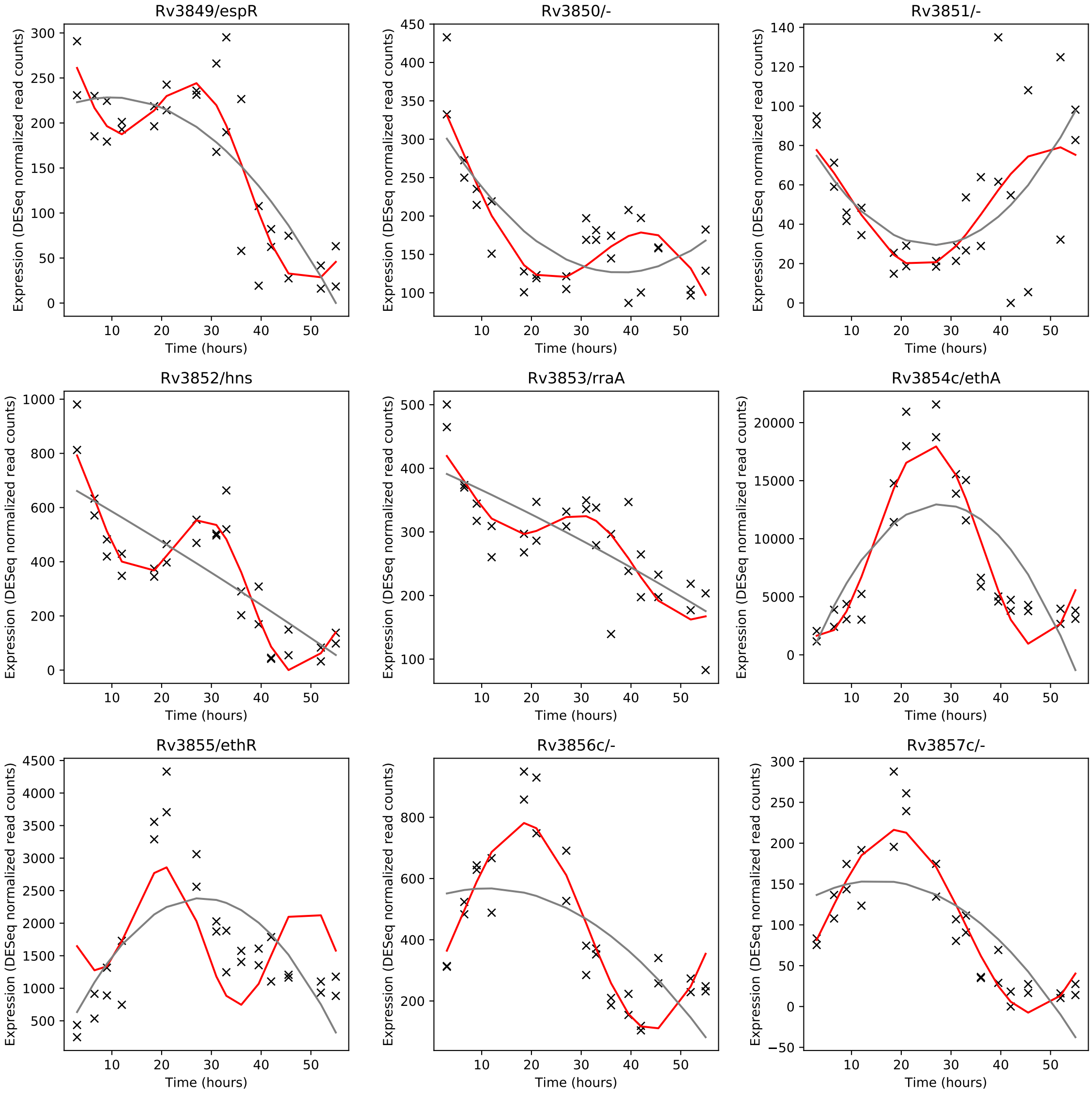

Rv3820c/papA2
Expression (DESeq normalized read counts)
Time (hours)

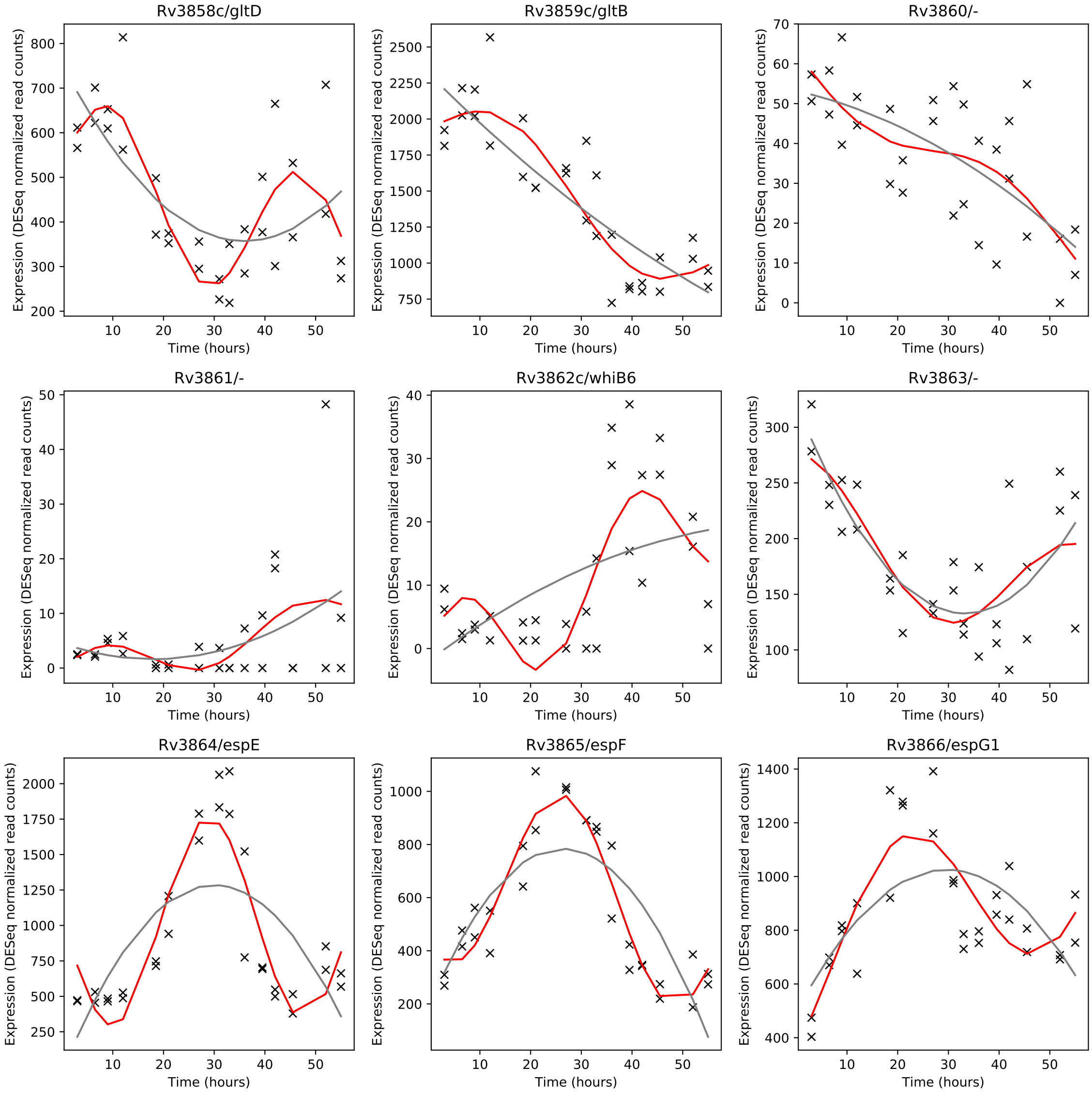

Rv3821/-
Expression (DESeq normalized read counts)
Time (hours)

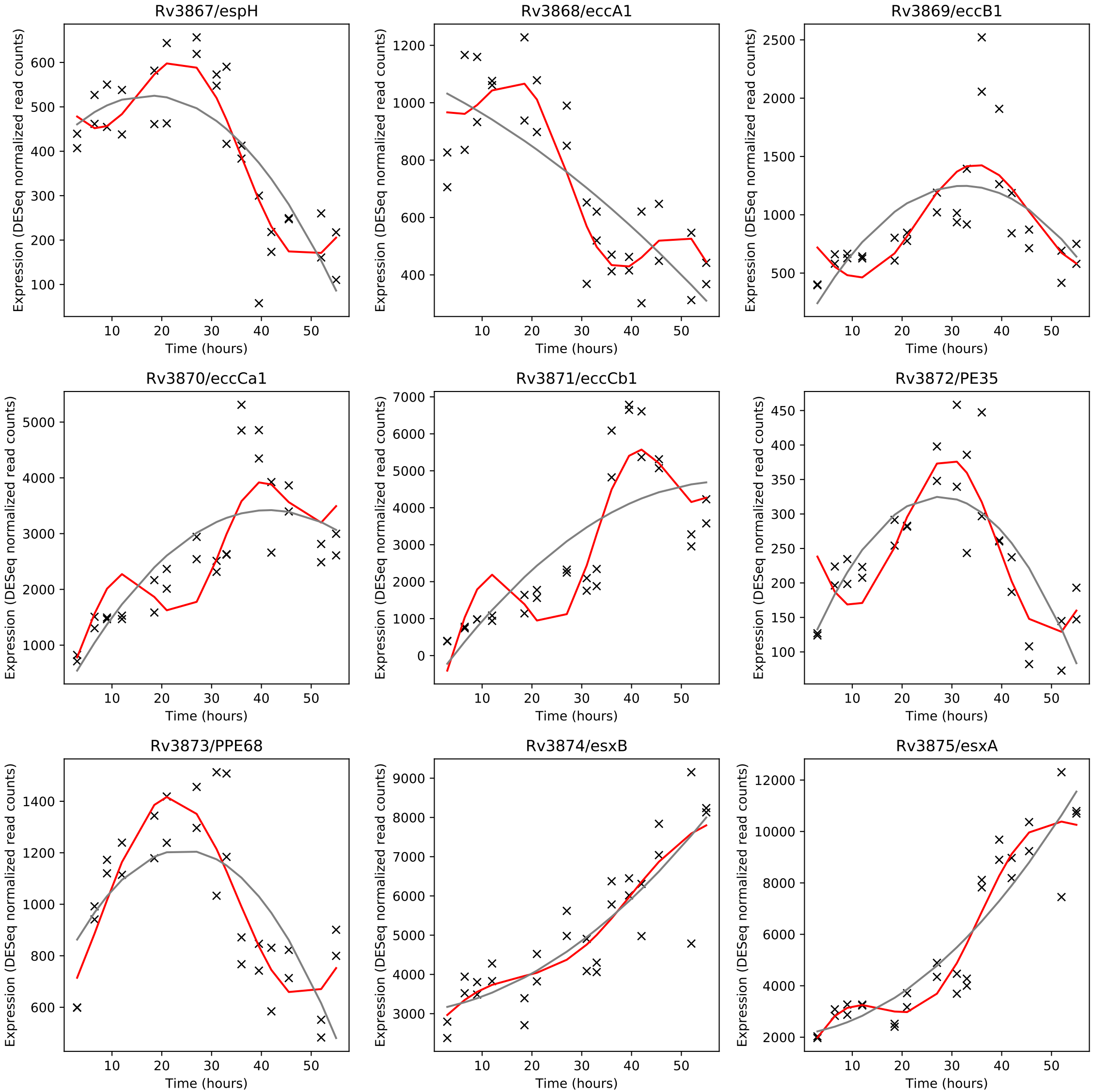

Rv3822/-
Rv3823c/mmpL8
Rv3824c/papA1
Rv3825c/pks2
Rv3826/fadD23
Rv3827c/-
Rv3828c/-
Rv3829c/-
Rv3830c/-
Expression (DESeq normalized read counts)
Time (hours)

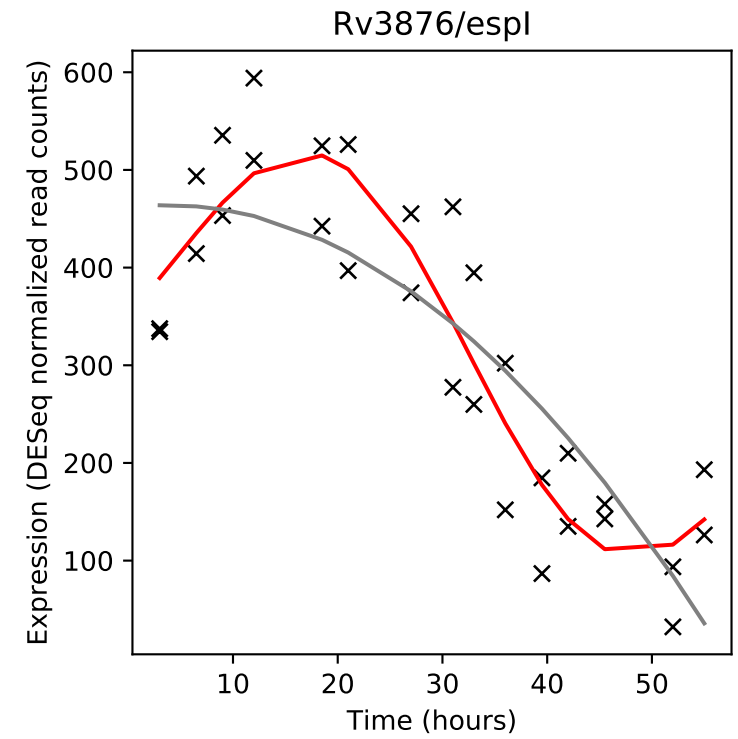

Rv3831/-
Rv3832c/-
Rv3833/-
Rv3834c/serS
Rv3835/-
Rv3836/-
Rv3837c/-
Rv3838c/pheA
Rv3839/-
Expression (DESeq normalized read counts)
Time (hours)

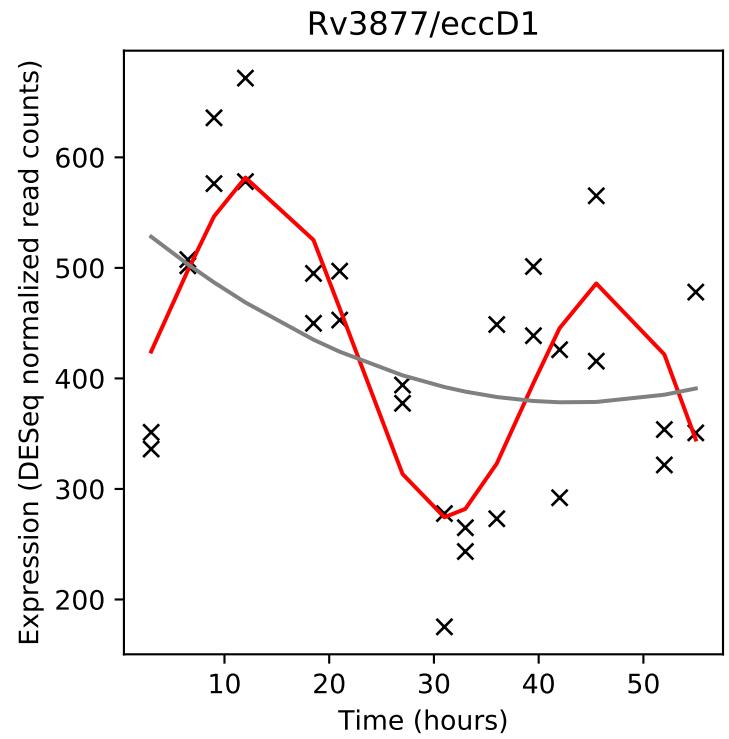

Rv3840/-
Rv3841/bfrB
Rv3842c/glpQ1
Rv3843c/-
Rv3844/-
Rv3845/-
Rv3846/sodA
Rv3847/-
Rv3848/-
Expression (DESeq normalized read counts)
Time (hours)

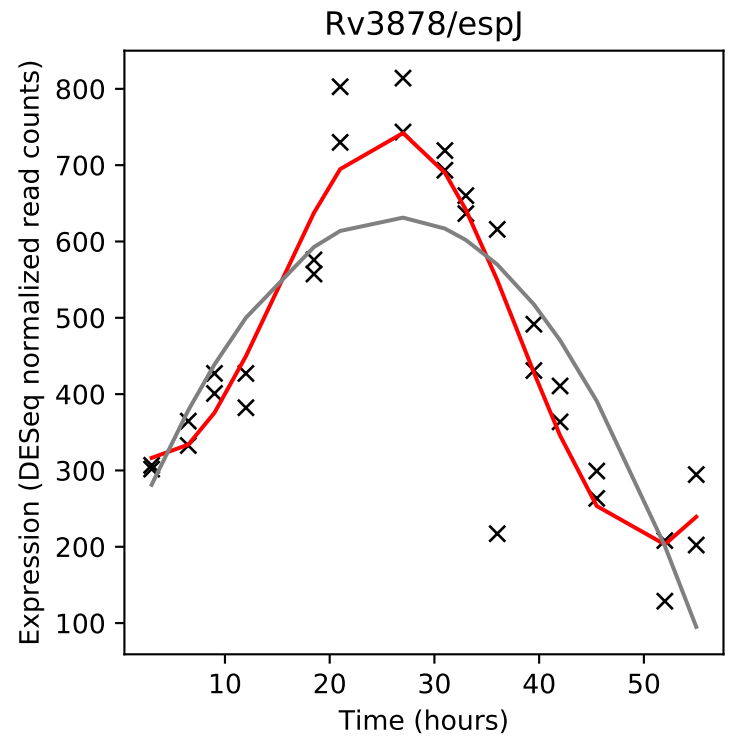

Rv3849/espR
Rv3850/-
Rv3851/-
Rv3852/hns
Rv3853/rraA
Rv3854c/ethA
Rv3855/ethR
Rv3856c/-
Rv3857c/-
Expression (DESeq normalized read counts)
Time (hours)

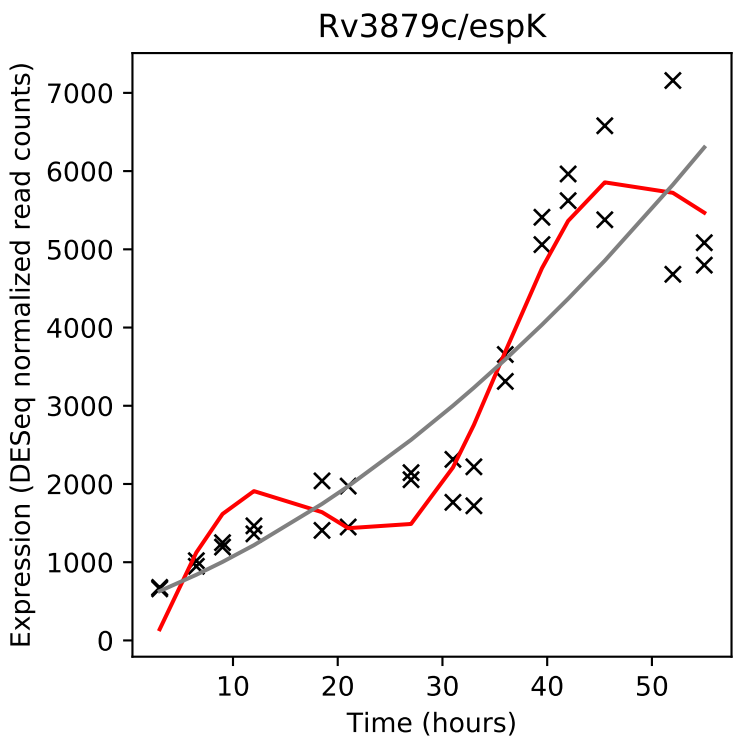

Rv3858c/gltD
Rv3859c/gltB
Rv3860/-
Rv3861/-
Rv3862c/whiB6
Rv3863/-
Rv3864/espE
Rv3865/espF
Rv3866/espG1
Expression (DESeq normalized read counts)
Time (hours)

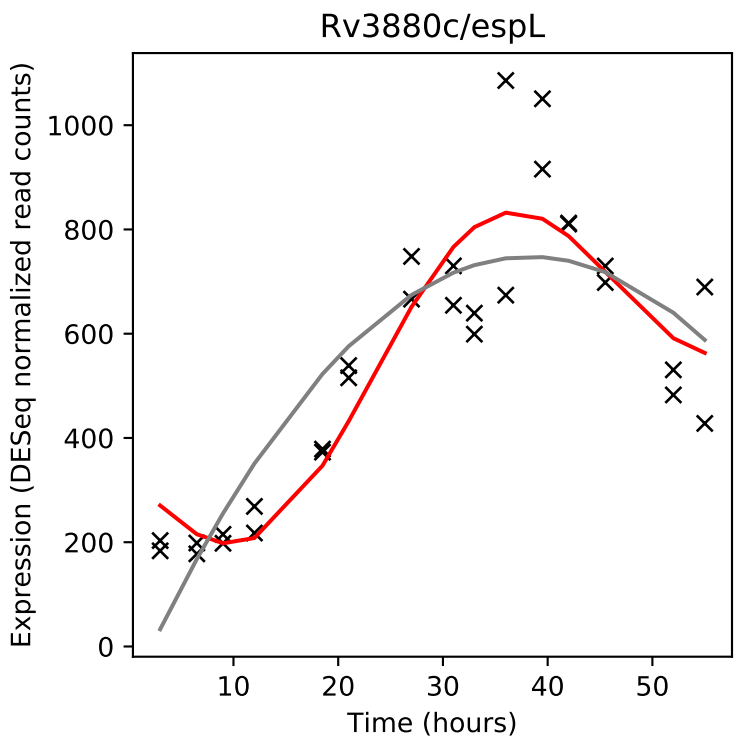

Rv3867/espH
Rv3868/eccA1
Rv3869/eccB1
Rv3870/eccCa1
Rv3871/eccCb1
Rv3872/PE35
Rv3873/PPE68
Rv3874/esxB
Rv3875/esxA
Expression (DESeq normalized read counts)
Time (hours)

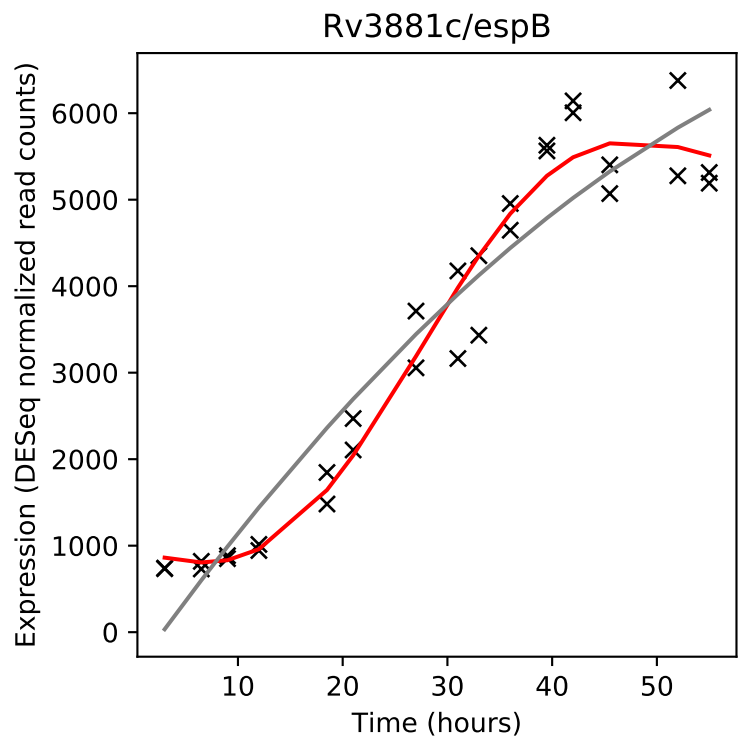

Rv3876/espI
Expression (DESeq normalized read counts)
Time (hours)

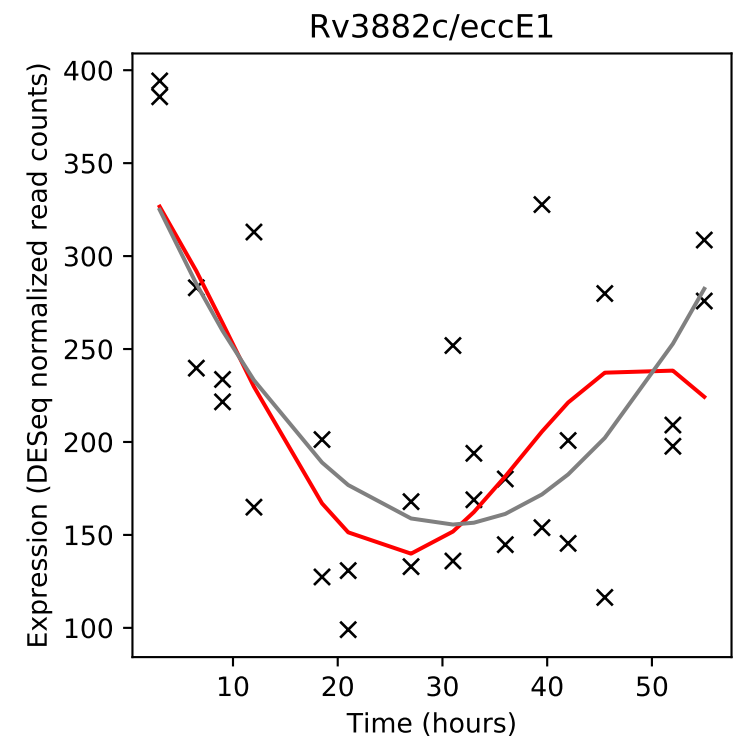

Rv3877/eccD1
Expression (DESeq normalized read counts)
Time (hours)

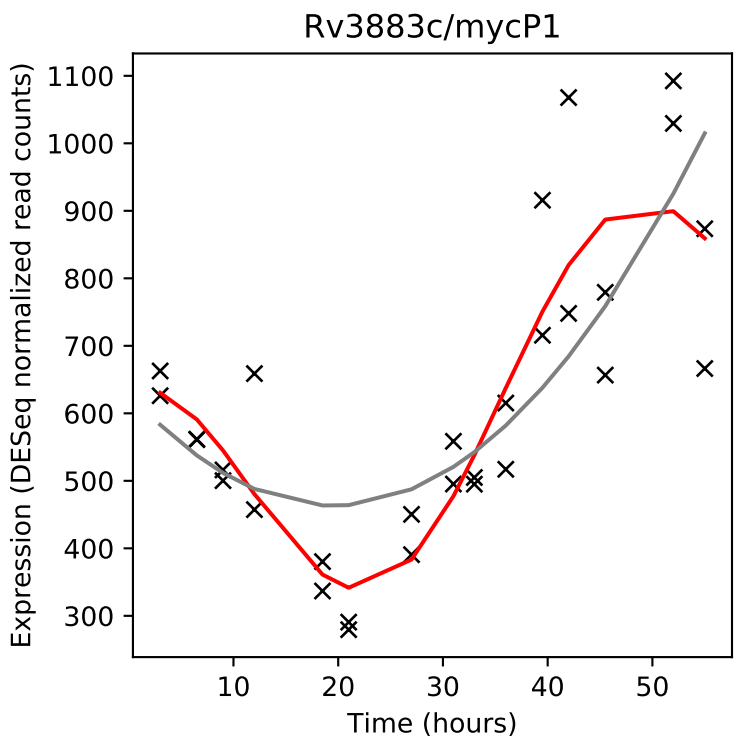

Rv3878/espJ
Expression (DESeq normalized read counts)
Time (hours)

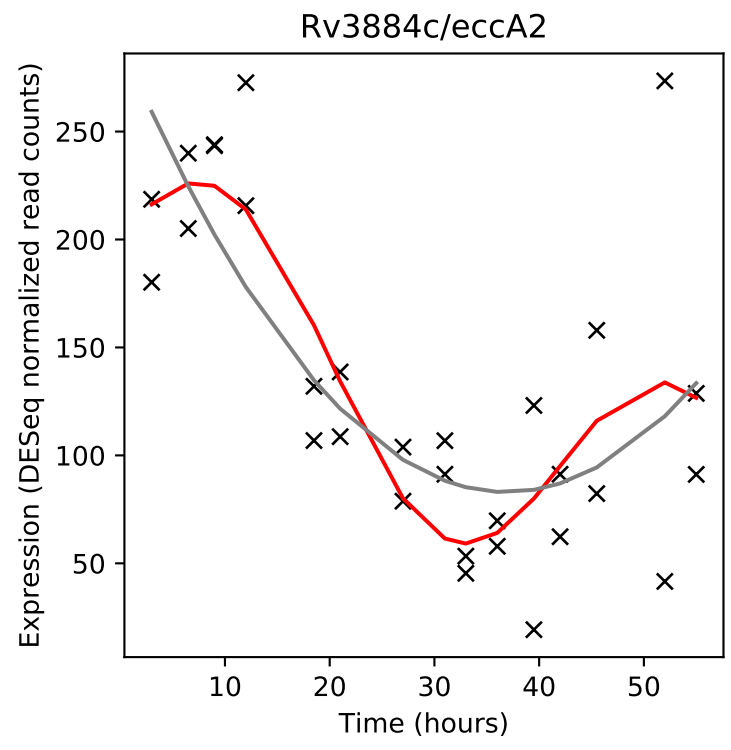

Rv3879c/espK
Expression (DESeq normalized read counts)
Time (hours)

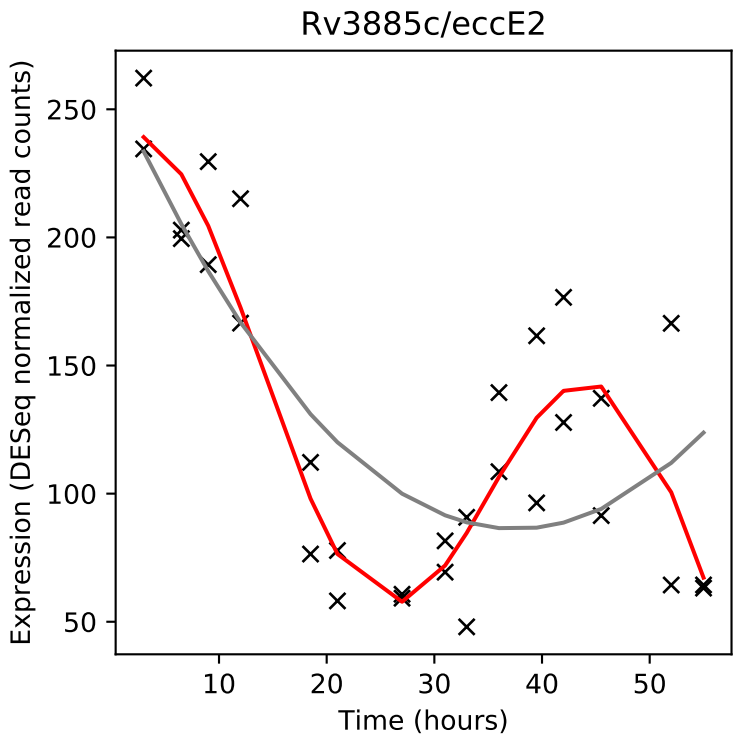

Rv3880c/espL
Expression (DESeq normalized read counts)
Time (hours)

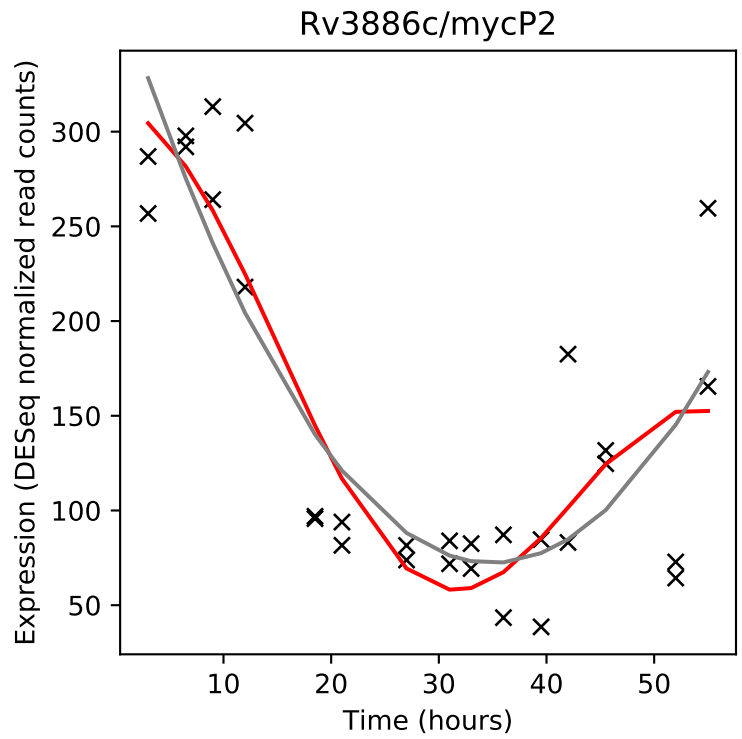

Rv3881c/espB
Expression (DESeq normalized read counts)
Time (hours)

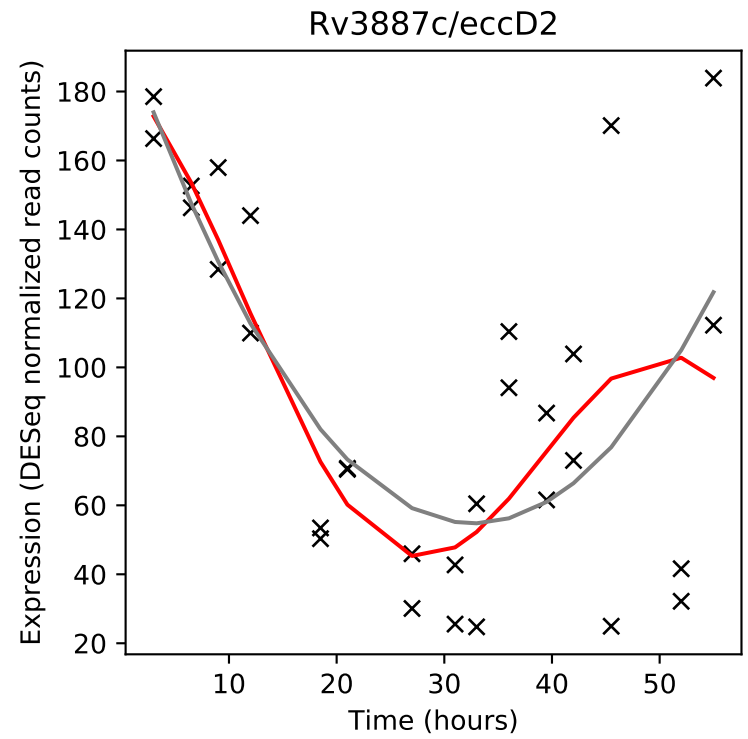

Rv3882c/eccE1
Expression (DESeq normalized read counts)
Time (hours)

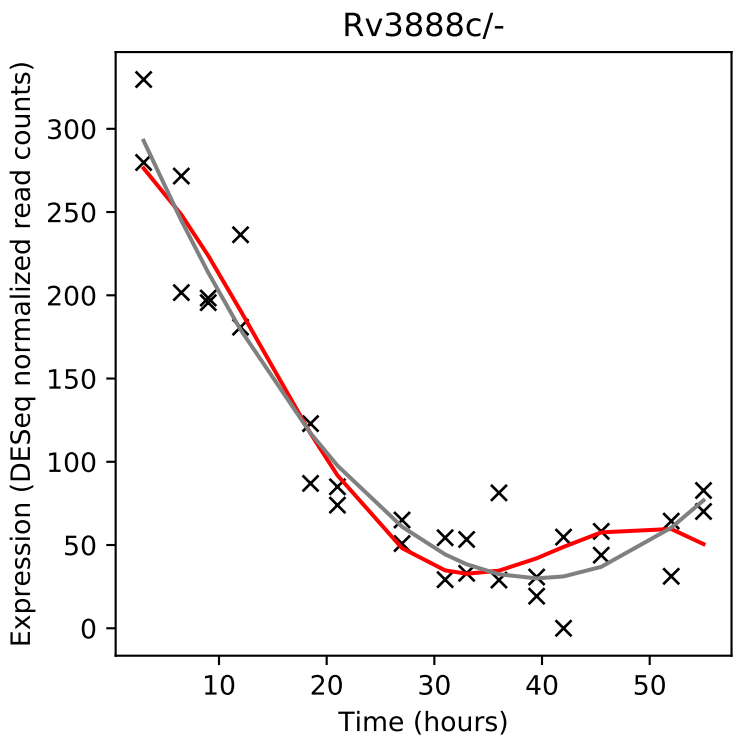

Rv3883c/mycP1
Expression (DESeq normalized read counts)
Time (hours)

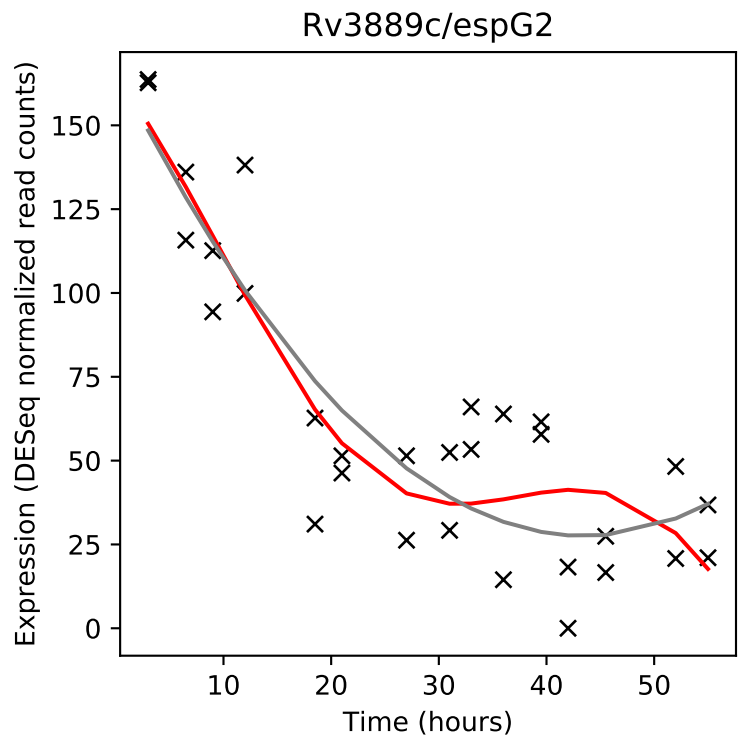

Rv3884c/eccA2
Expression (DESeq normalized read counts)
Time (hours)

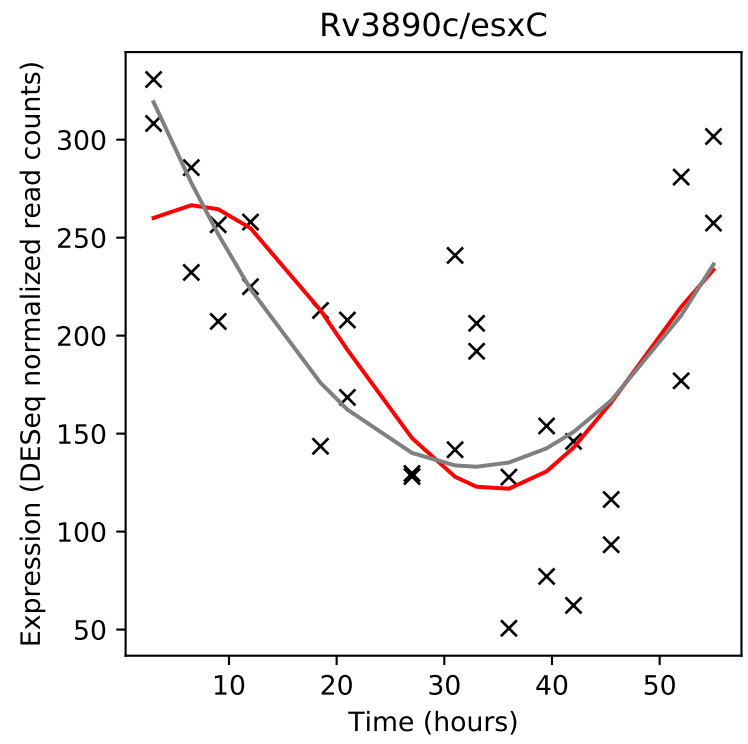

Rv3885c/eccE2
Expression (DESeq normalized read counts)
Time (hours)

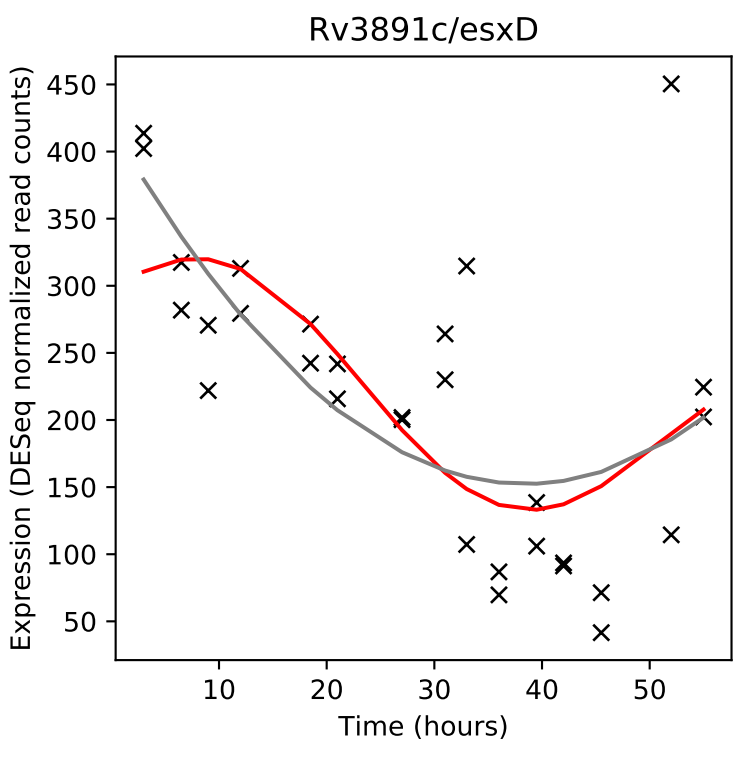

Rv3886c/mycP2
Expression (DESeq normalized read counts)
Time (hours)

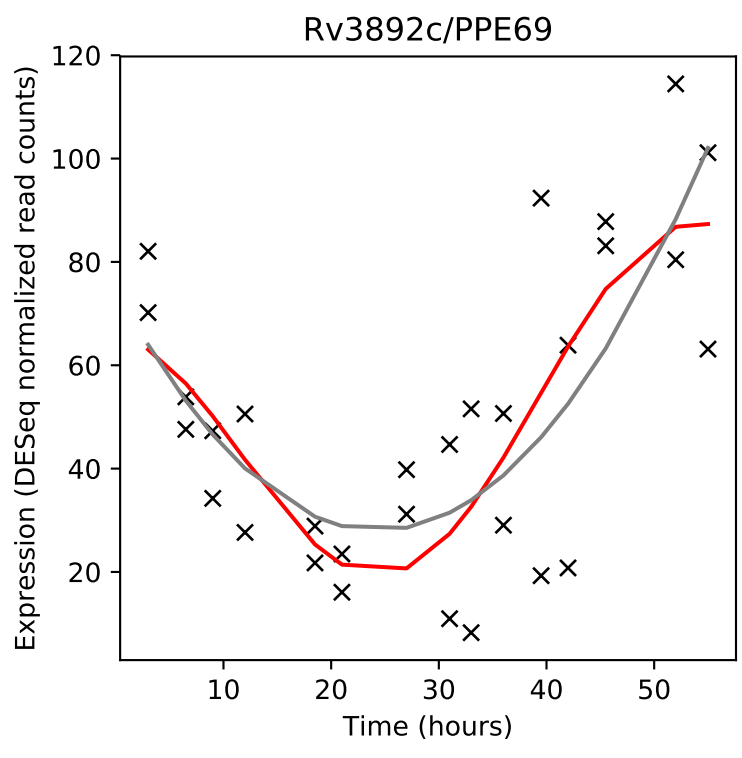

Rv3887c/eccD2
Expression (DESeq normalized read counts)
Time (hours)

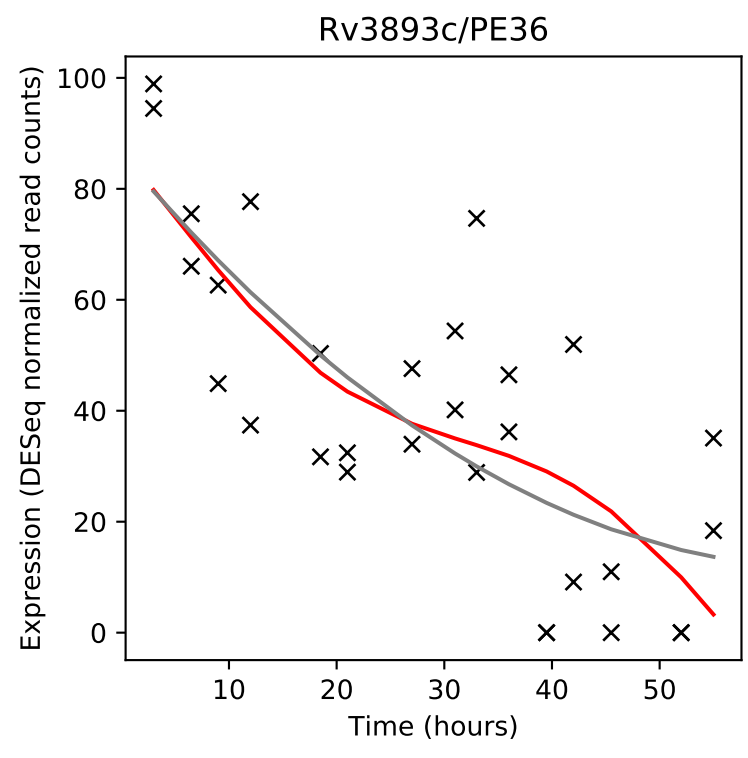

Rv3888c/-
Expression (DESeq normalized read counts)
Time (hours)

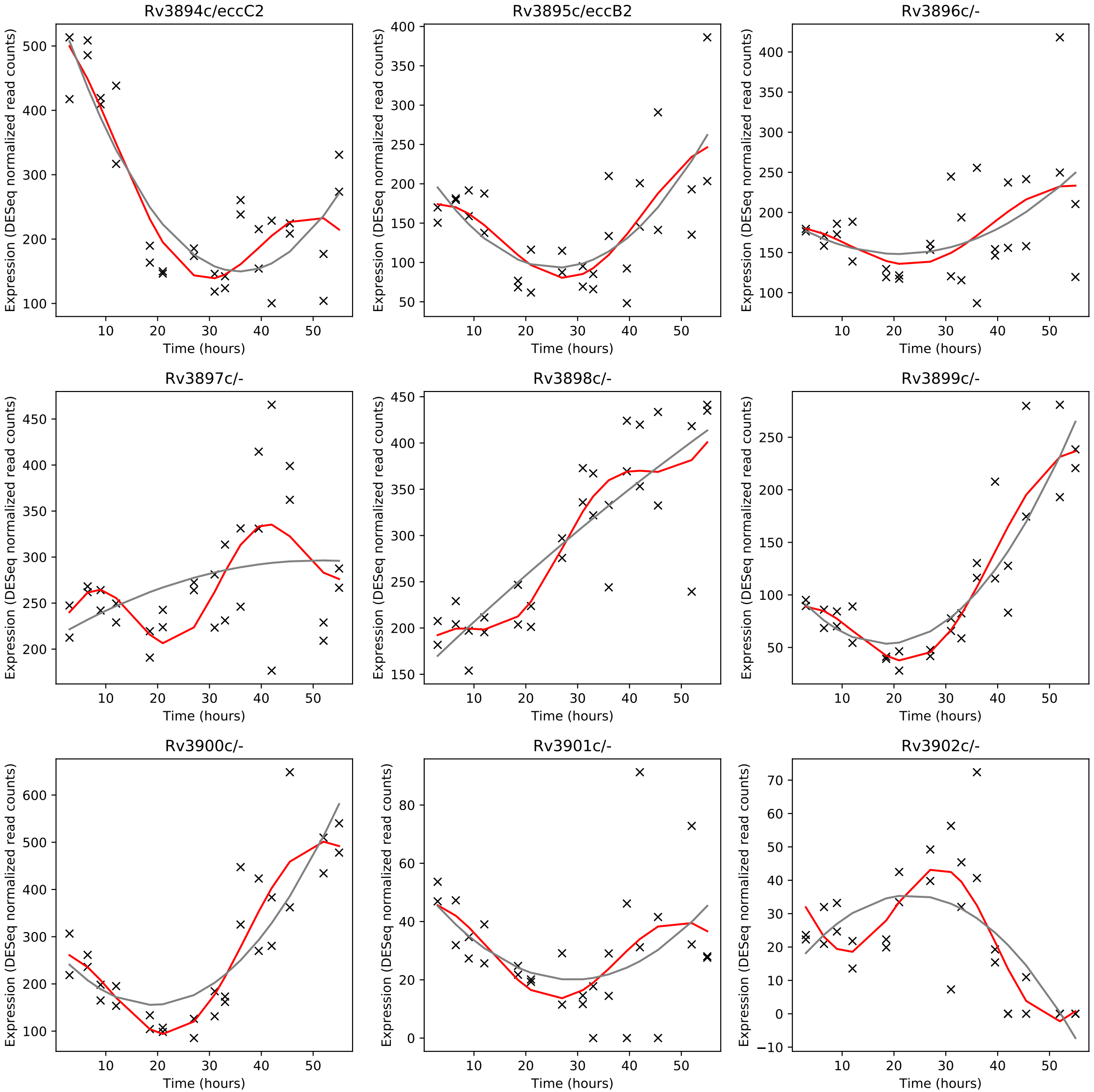

Rv3889c/espG2
Expression (DESeq normalized read counts)
Time (hours)

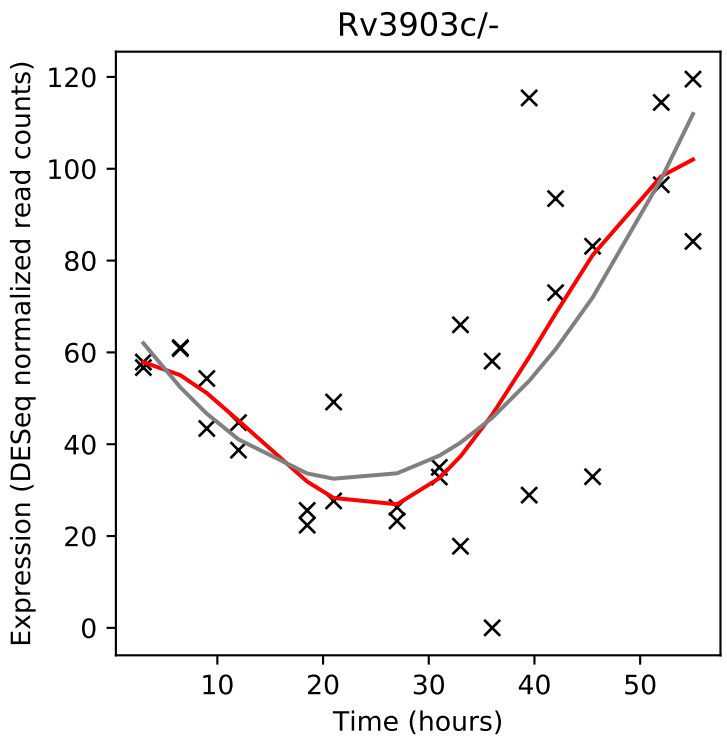

Rv3890c/esxC
Expression (DESeq normalized read counts)
Time (hours)

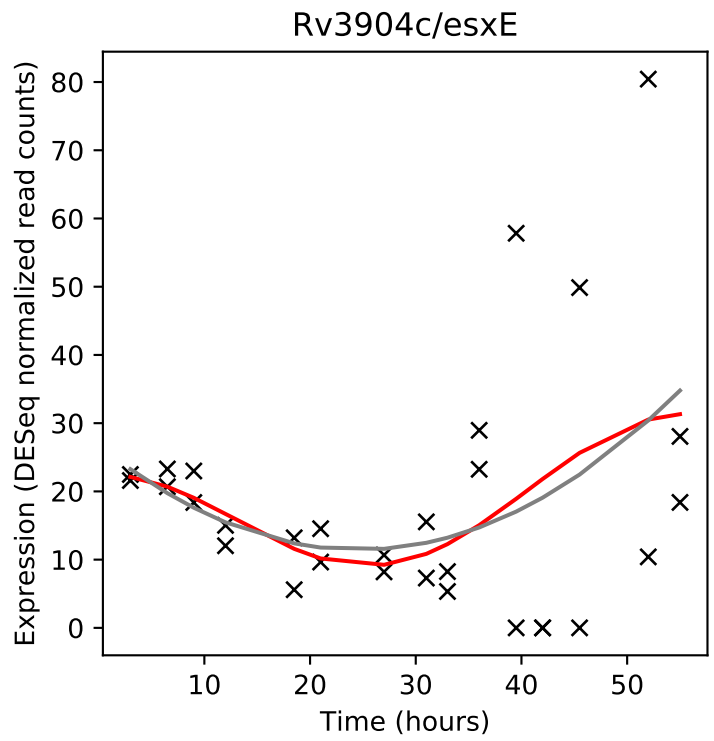

Rv3891c/esxD
Expression (DESeq normalized read counts)
Time (hours)

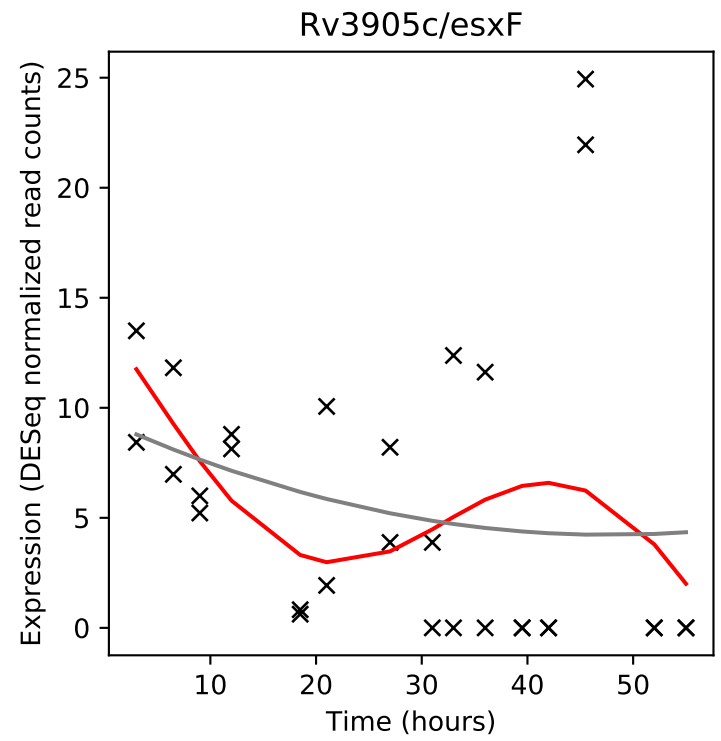

Rv3892c/PPE69
Expression (DESeq normalized read counts)
Time (hours)

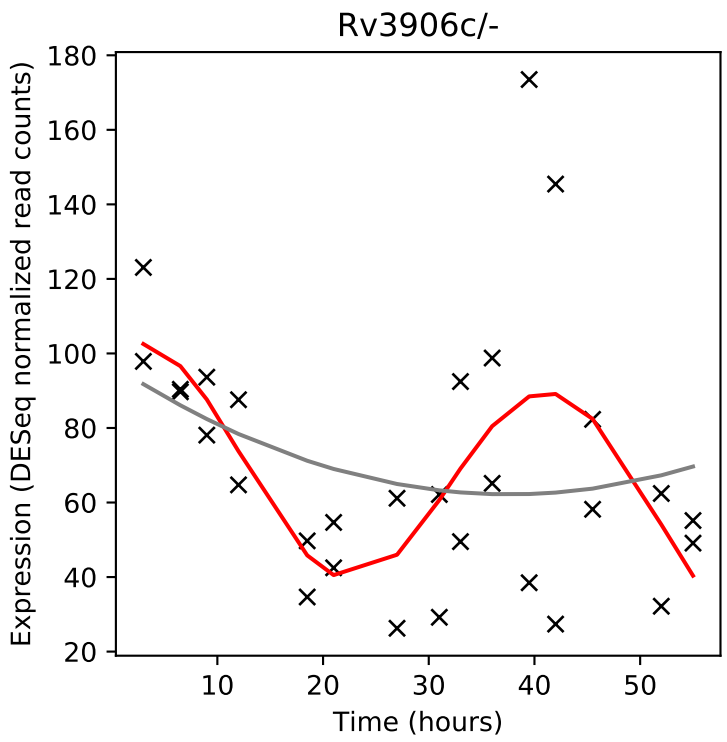

Rv3893c/PE36
Expression (DESeq normalized read counts)
Time (hours)

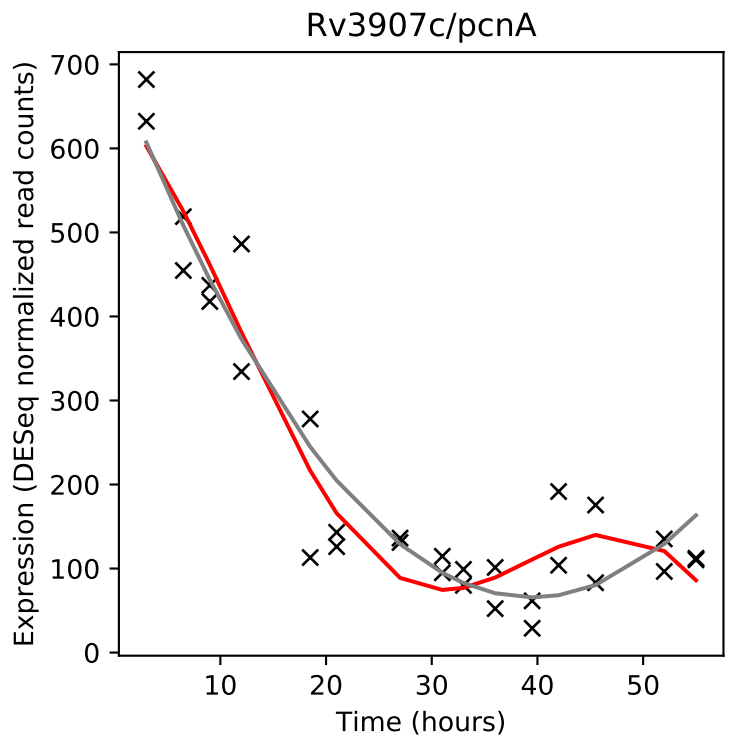

Rv3894c/eccC2
Rv3895c/eccB2
Rv3896c/-
Rv3897c/-
Rv3898c/-
Rv3899c/-
Rv3900c/-
Rv3901c/-
Rv3902c/-
Expression (DESeq normalized read counts)
Time (hours)

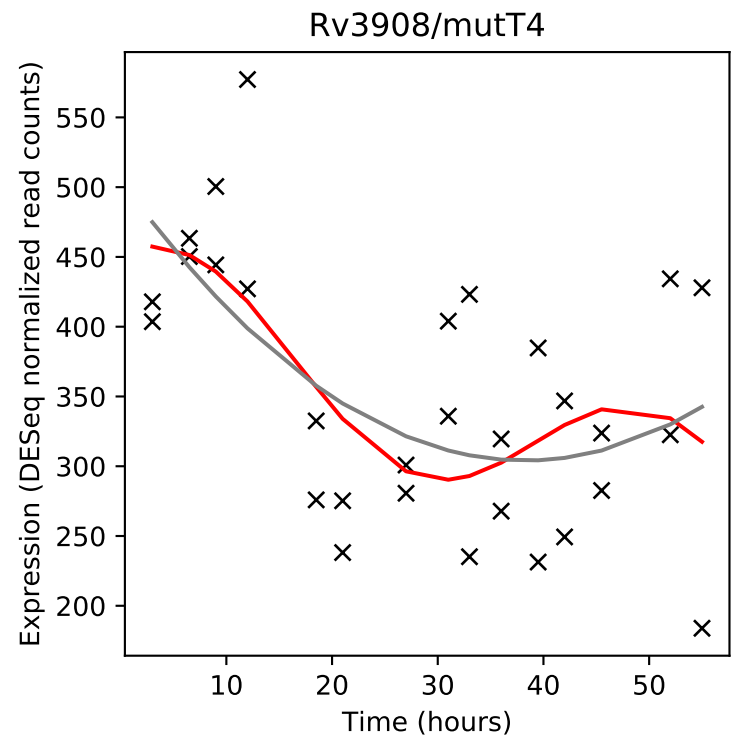

Rv3903c/-
Expression (DESeq normalized read counts)
Time (hours)

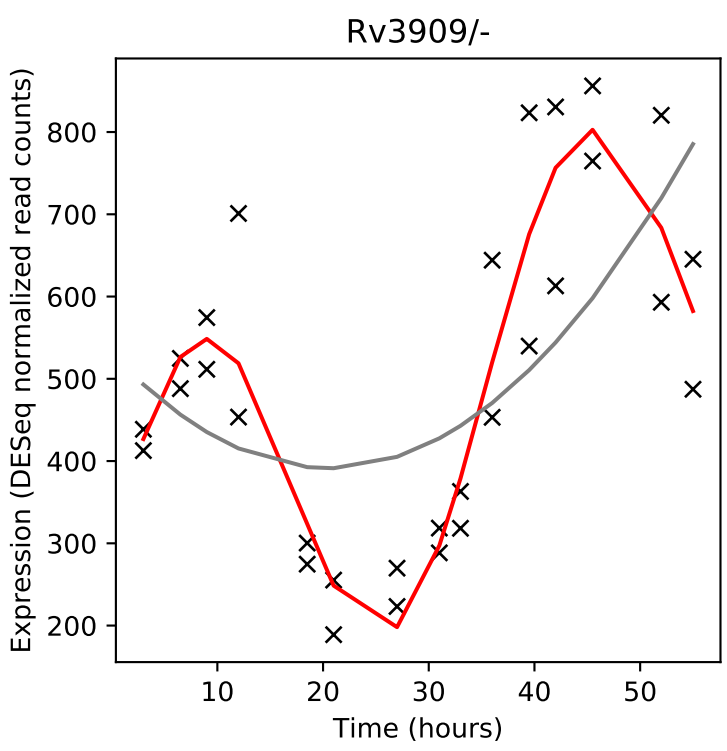

Rv3904c/esxE
Expression (DESeq normalized read counts)
Time (hours)

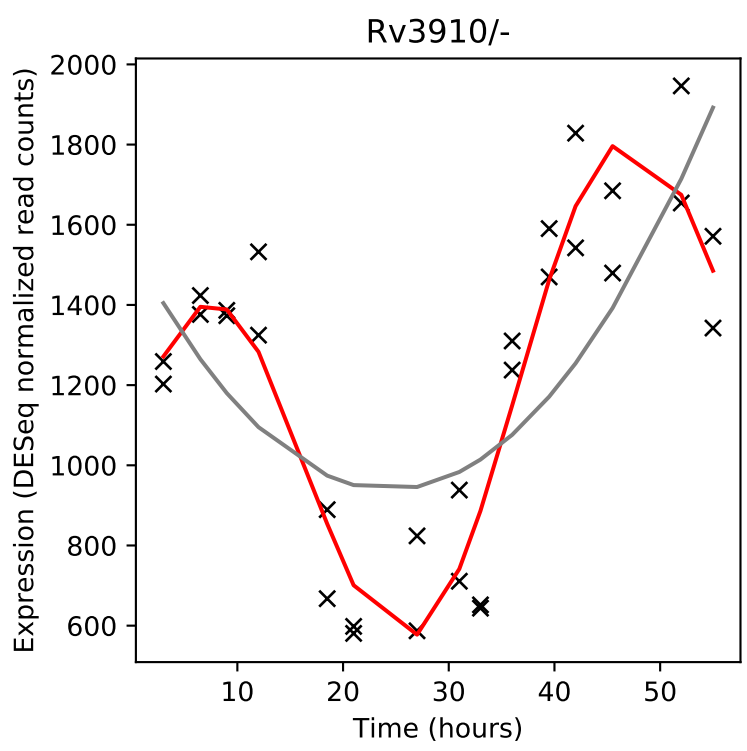

Rv3905c/esxF
Expression (DESeq normalized read counts)
Time (hours)

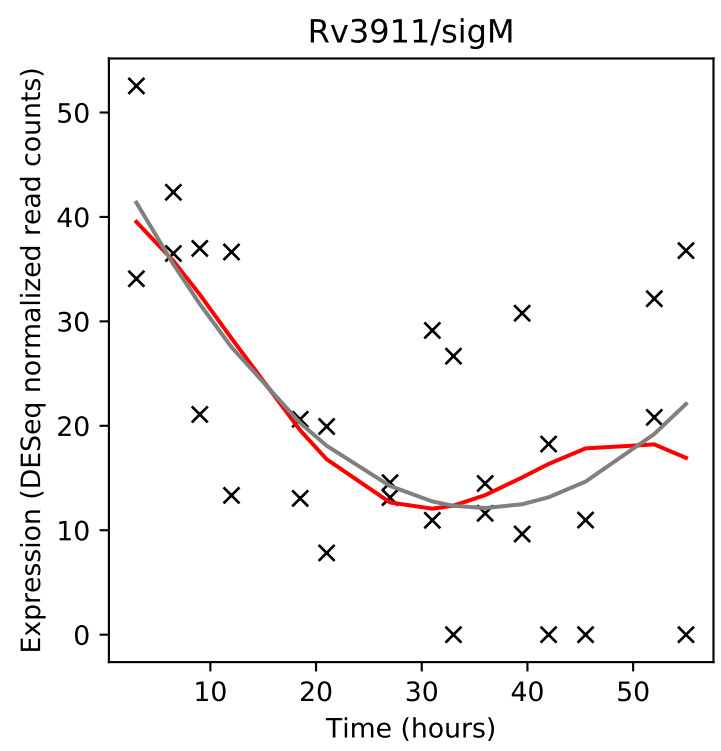

Rv3906c/-
Expression (DESeq normalized read counts)
Time (hours)

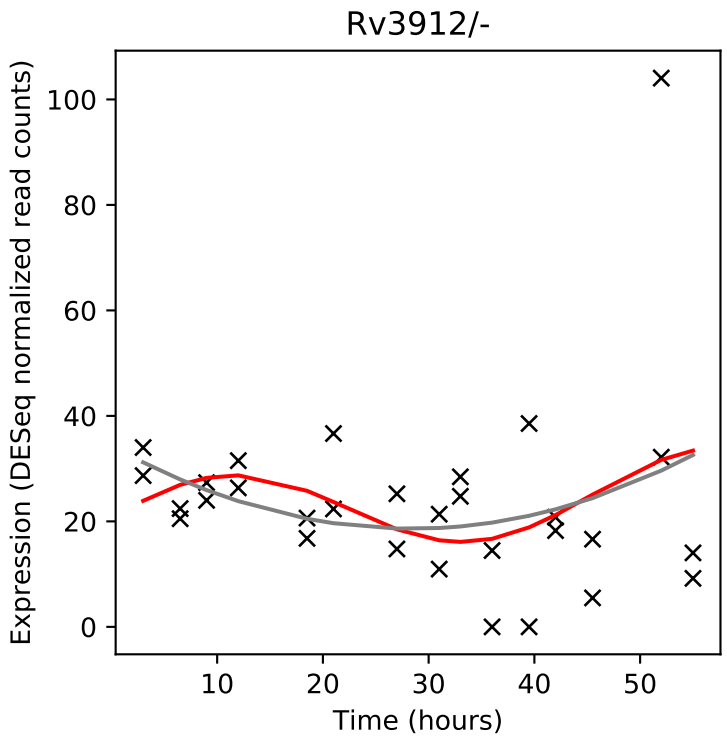

Rv3907c/pcnA
Expression (DESeq normalized read counts)
Time (hours)

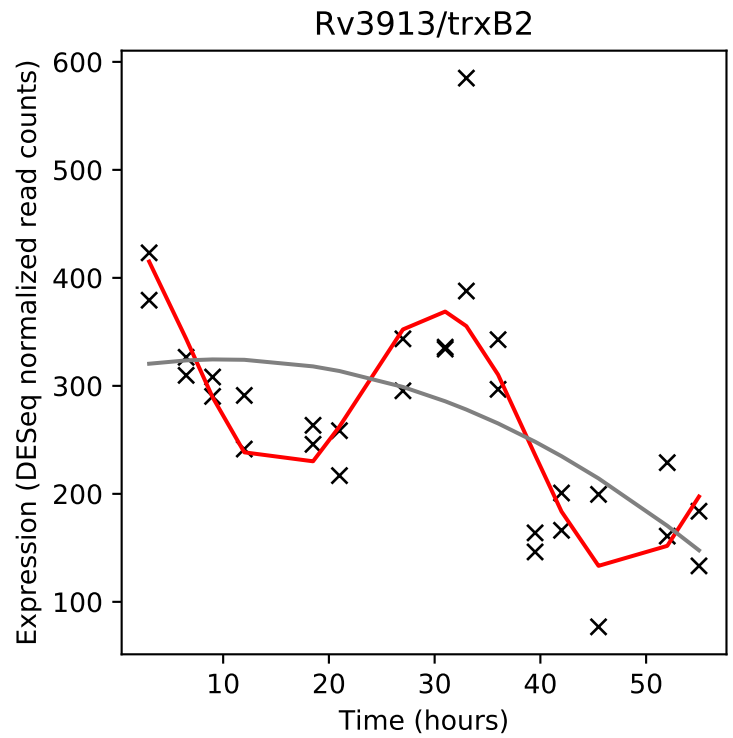

Rv3908/mutT4
Expression (DESeq normalized read counts)
Time (hours)

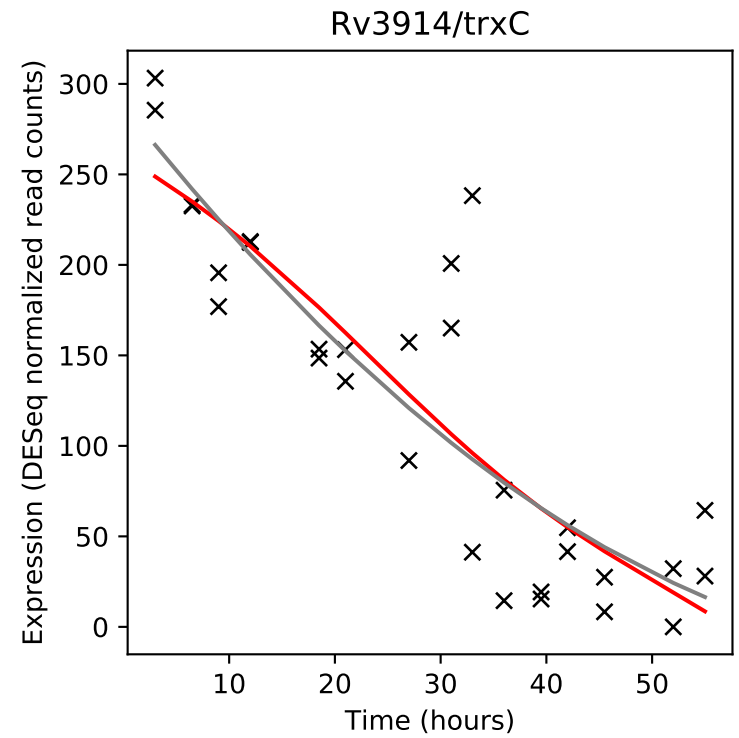

Rv3909/-
Expression (DESeq normalized read counts)
Time (hours)

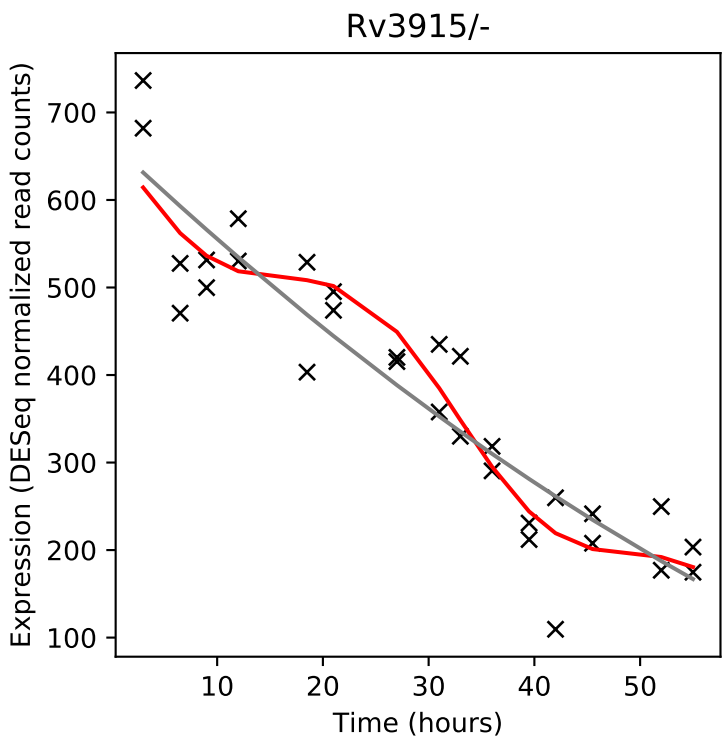

Rv3910/-
Expression (DESeq normalized read counts)
Time (hours)

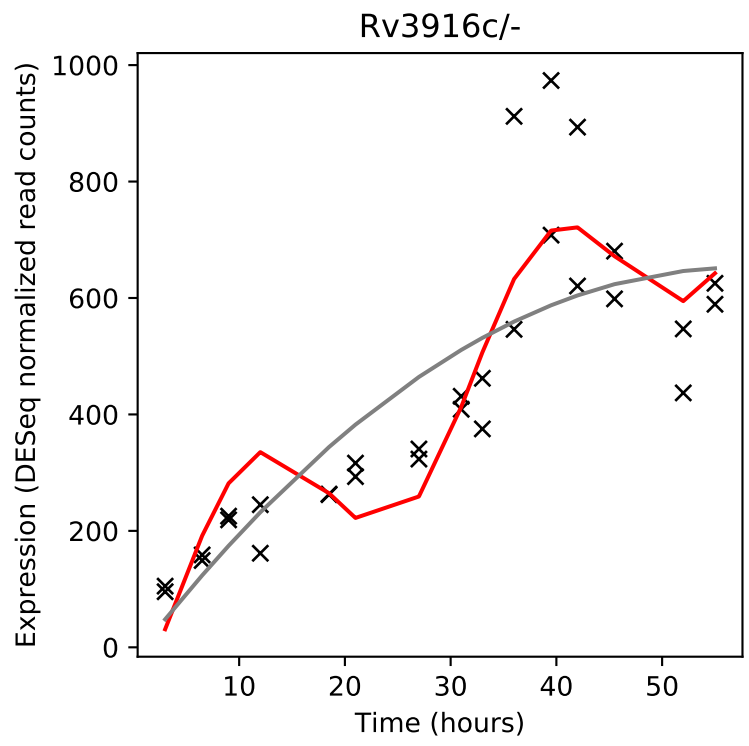

Rv3911/sigM
Expression (DESeq normalized read counts)
Time (hours)

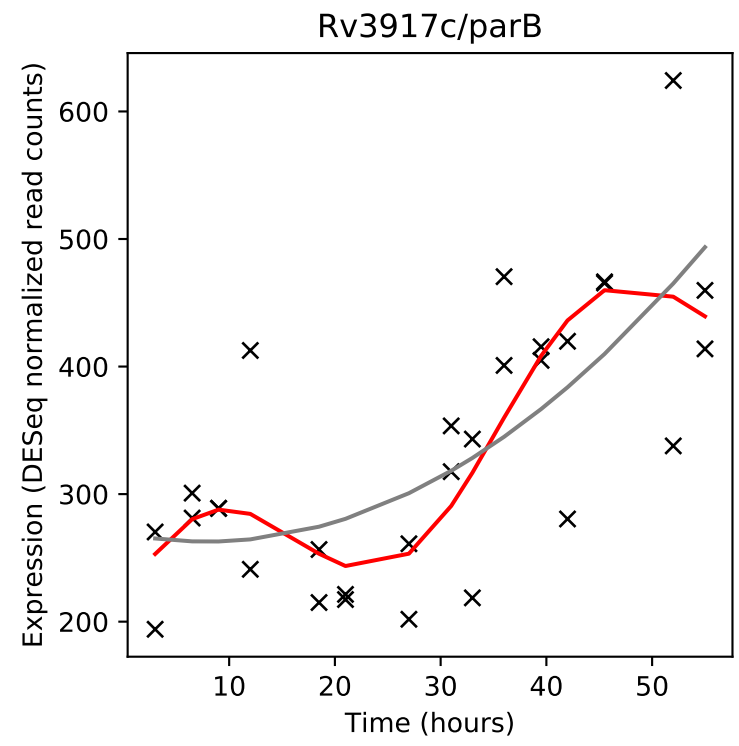

Rv3912/-
Expression (DESeq normalized read counts)
Time (hours)

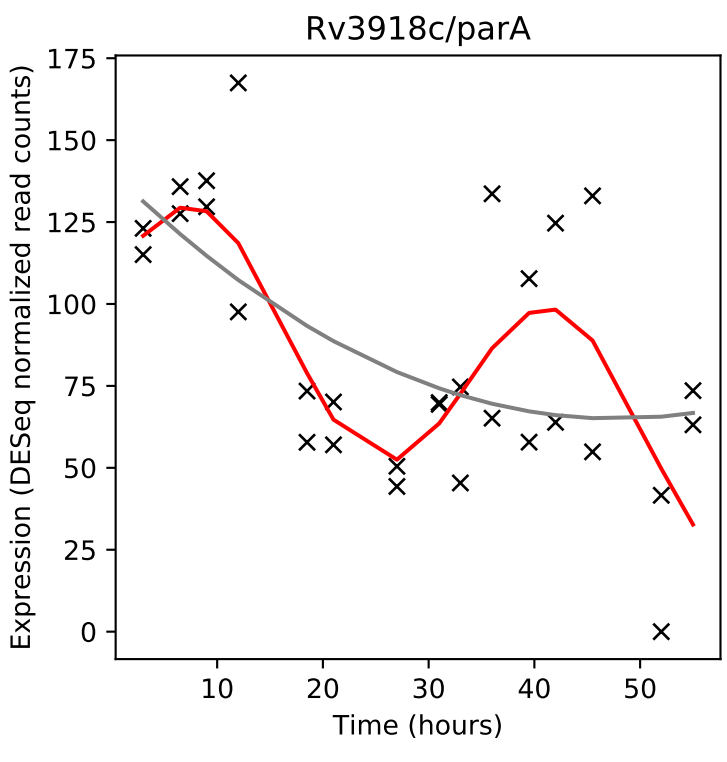

Rv3913/trxB2
Expression (DESeq normalized read counts)
Time (hours)

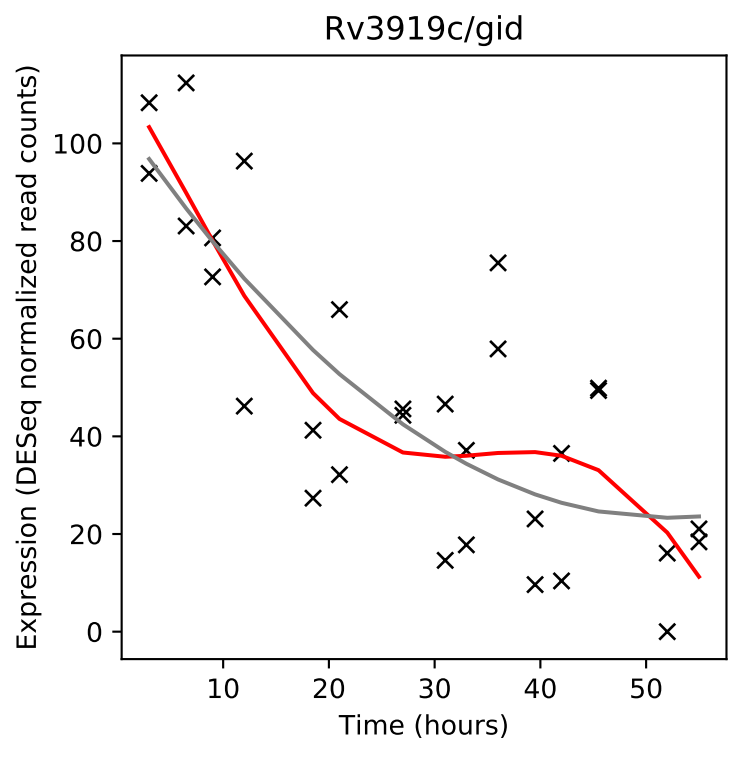

Rv3914/trxC
Expression (DESeq normalized read counts)
Time (hours)

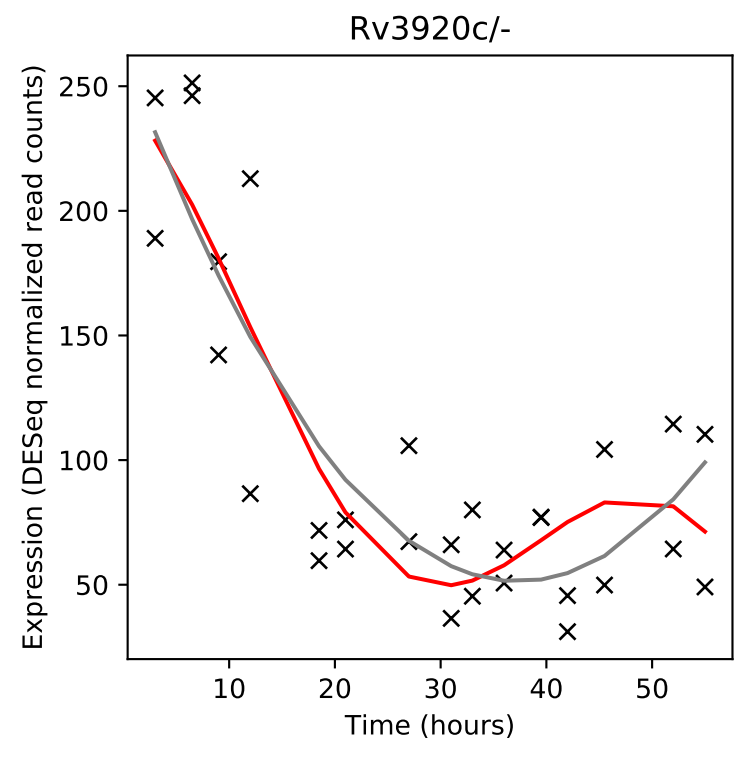

Rv3915/-
Expression (DESeq normalized read counts)
Time (hours)

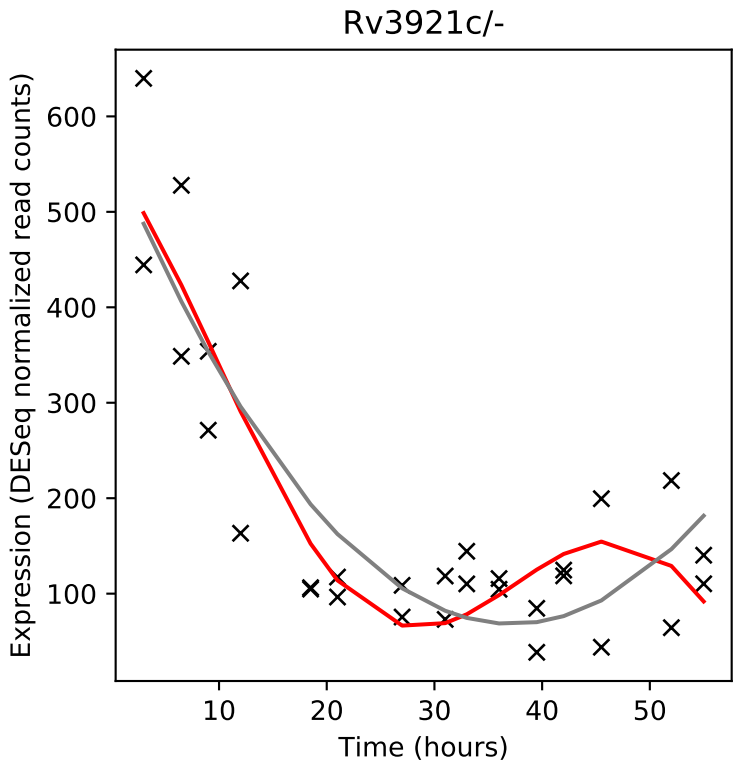

Rv3916c/-
Expression (DESeq normalized read counts)
Time (hours)

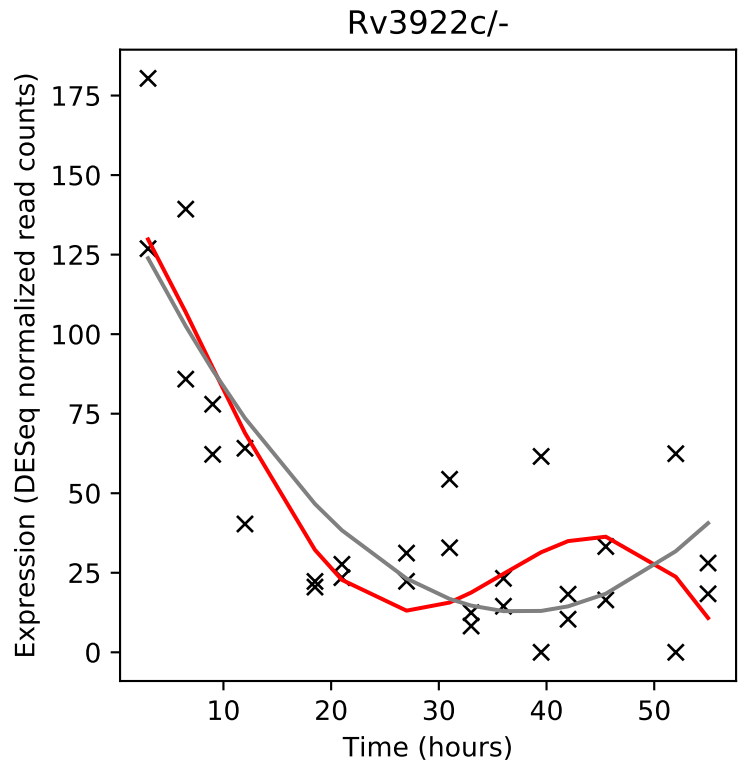

Rv3917c/parB
Expression (DESeq normalized read counts)
Time (hours)

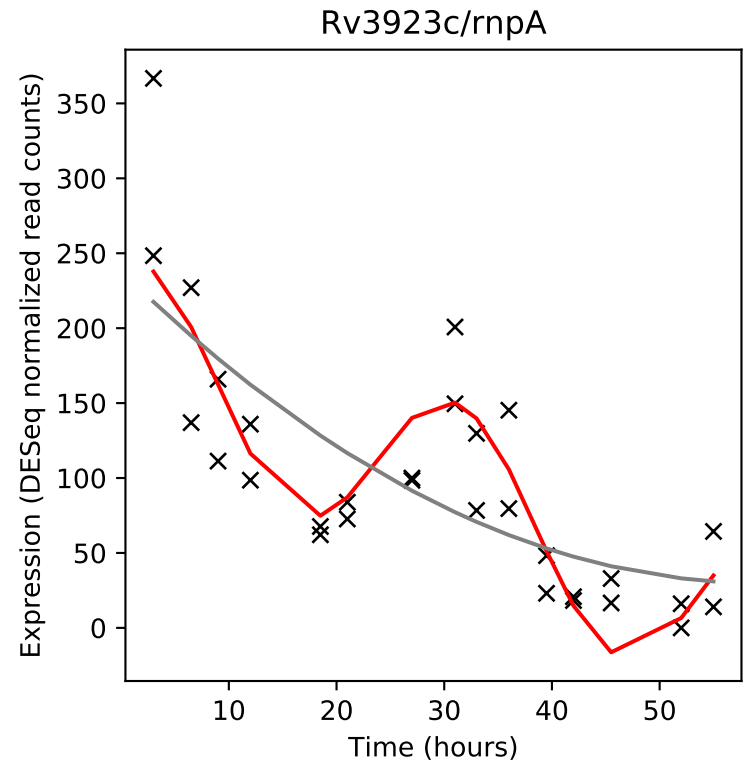

Rv3918c/parA
Expression (DESeq normalized read counts)
Time (hours)

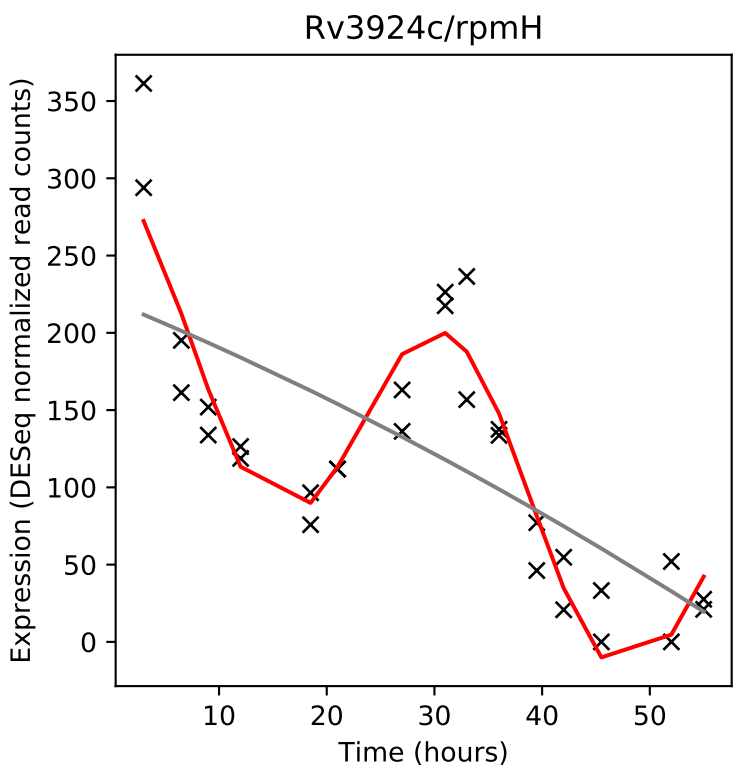

Rv3919c/gid
Expression (DESeq normalized read counts)
Time (hours)

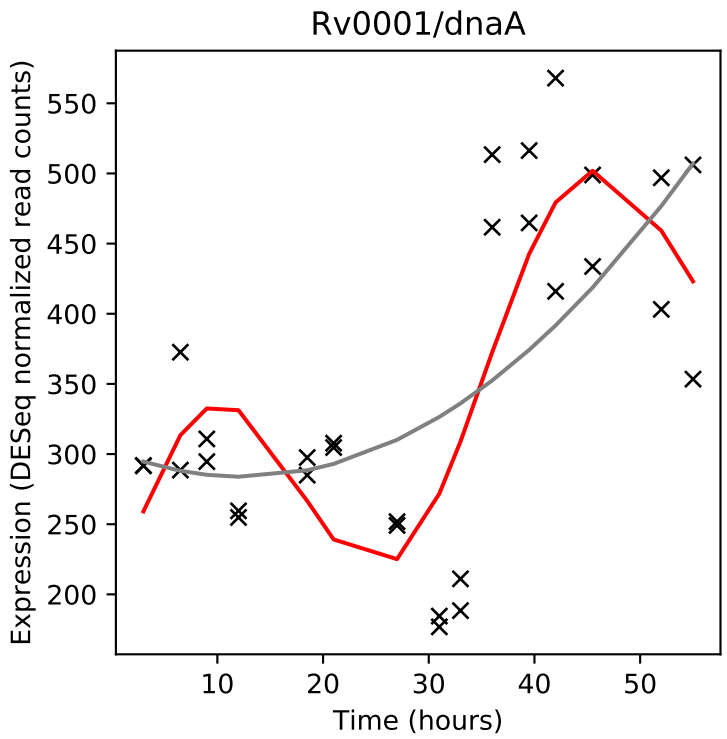

Rv3920c/-
Expression (DESeq normalized read counts)
Time (hours)

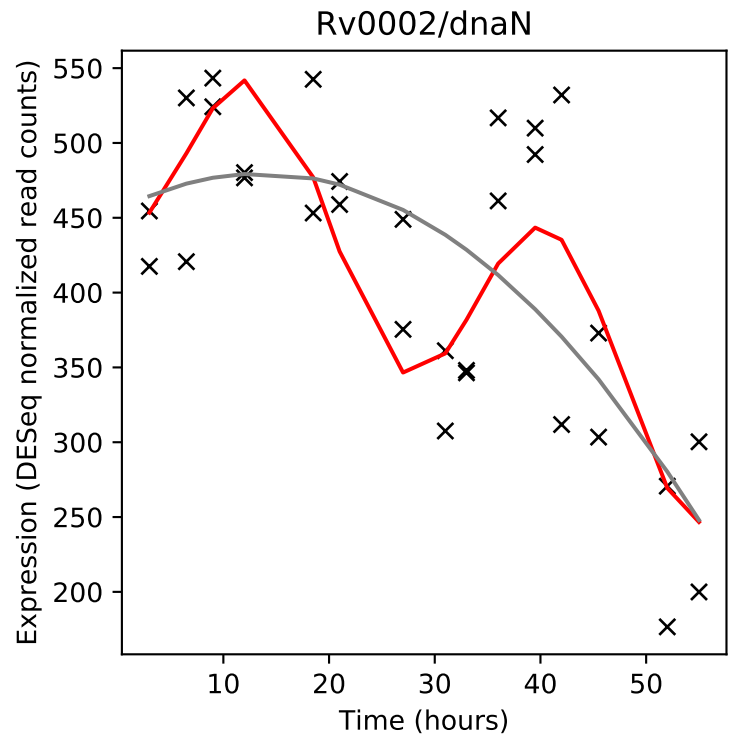

Rv3921c/-
Expression (DESeq normalized read counts)
Time (hours)

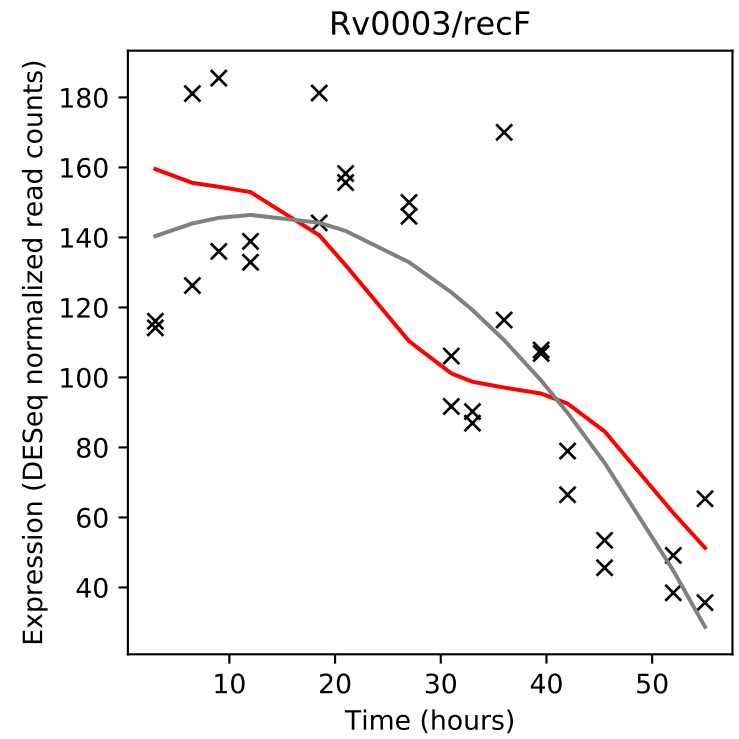

Rv3922c/-
Expression (DESeq normalized read counts)
Time (hours)

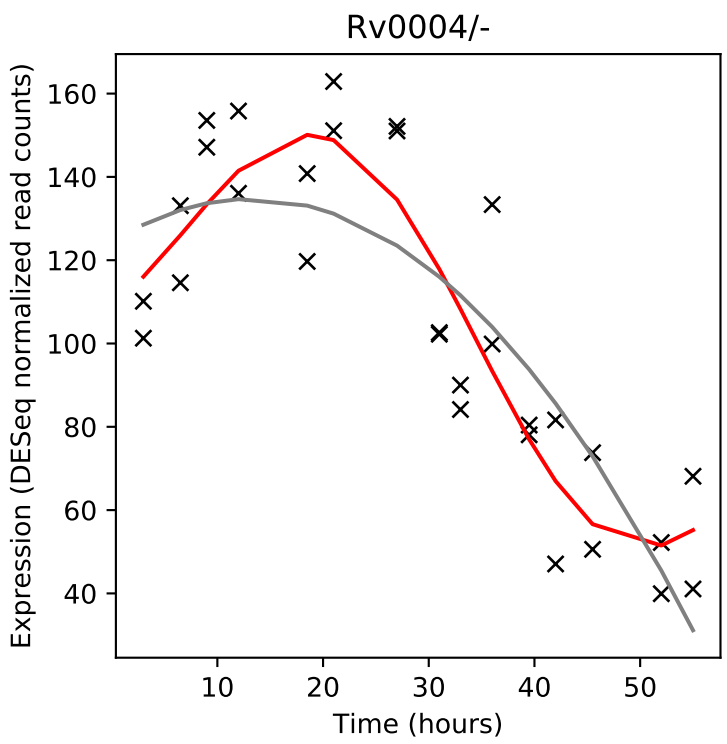

Rv3923c/rnpA
Expression (DESeq normalized read counts)
Time (hours)

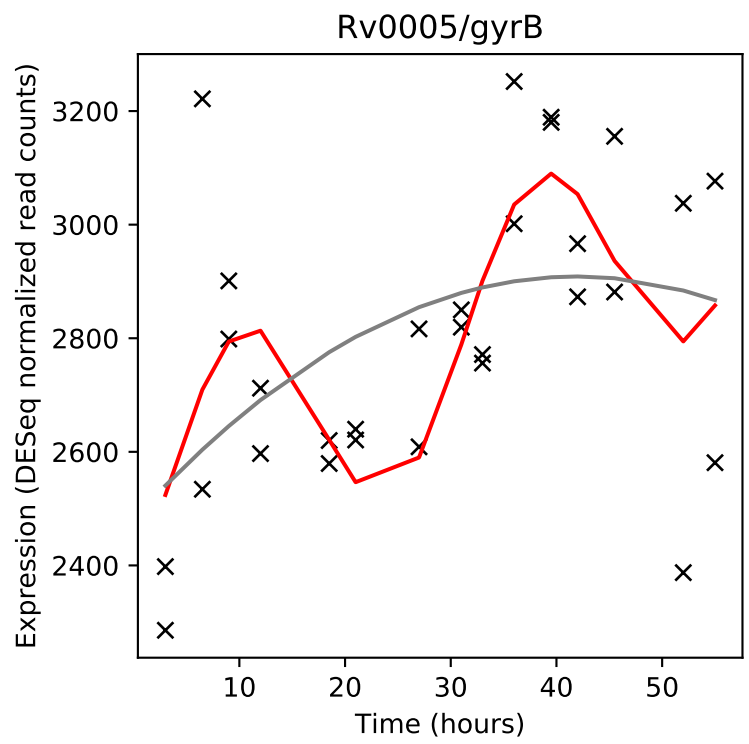

Rv3924c/rpmH
Expression (DESeq normalized read counts)
Time (hours)

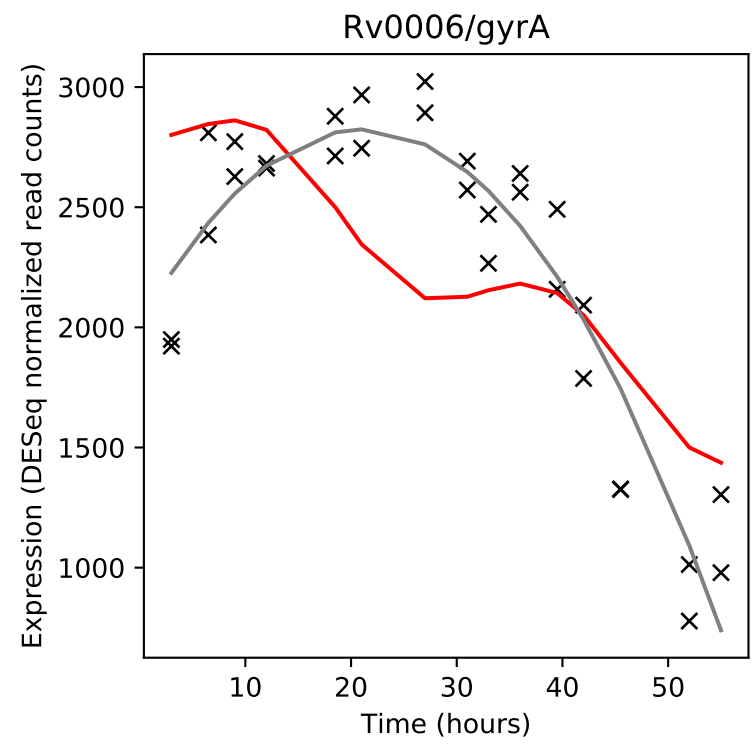

Rv0001/dnaA
Expression (DESeq normalized read counts)
Time (hours)

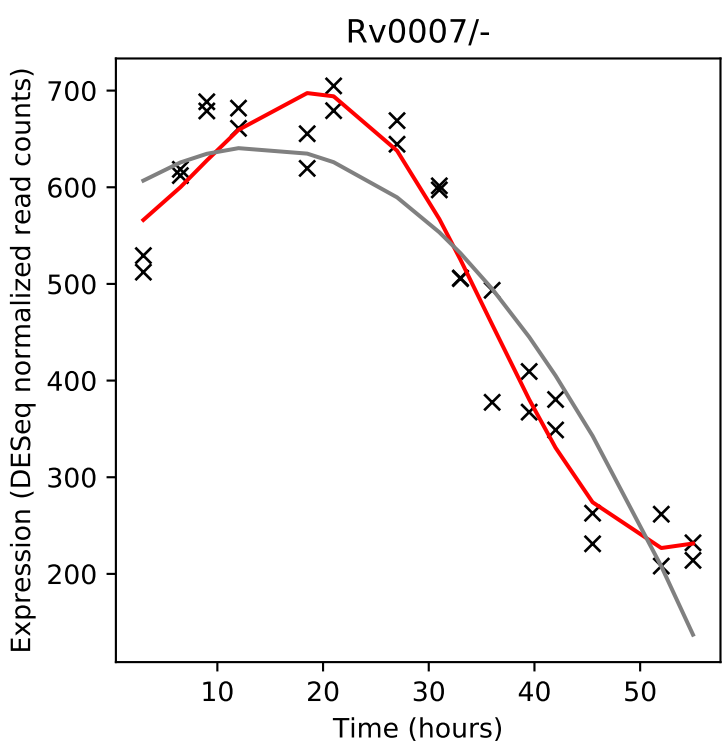

Rv0002/dnaN
Expression (DESeq normalized read counts)
Time (hours)

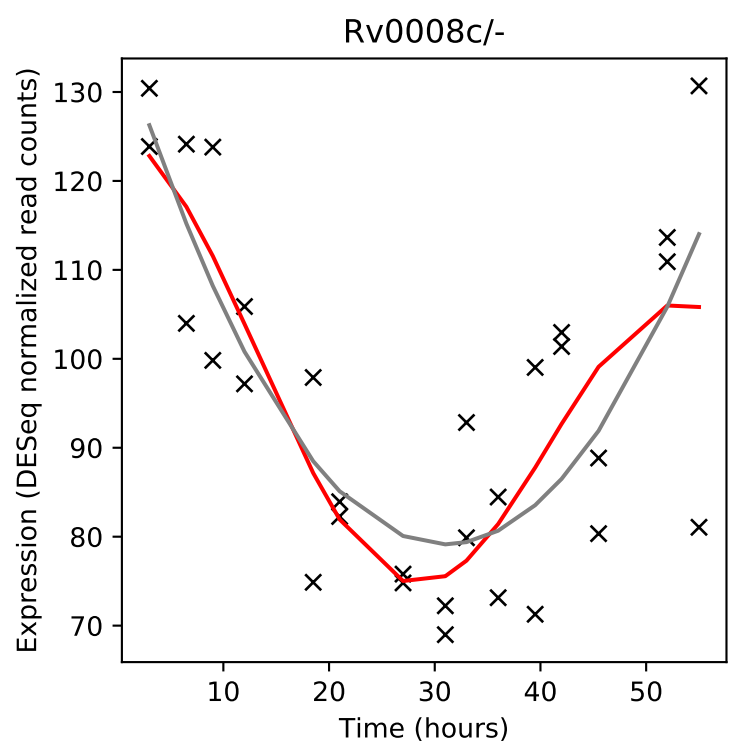

Rv0003/recF
Expression (DESeq normalized read counts)
Time (hours)

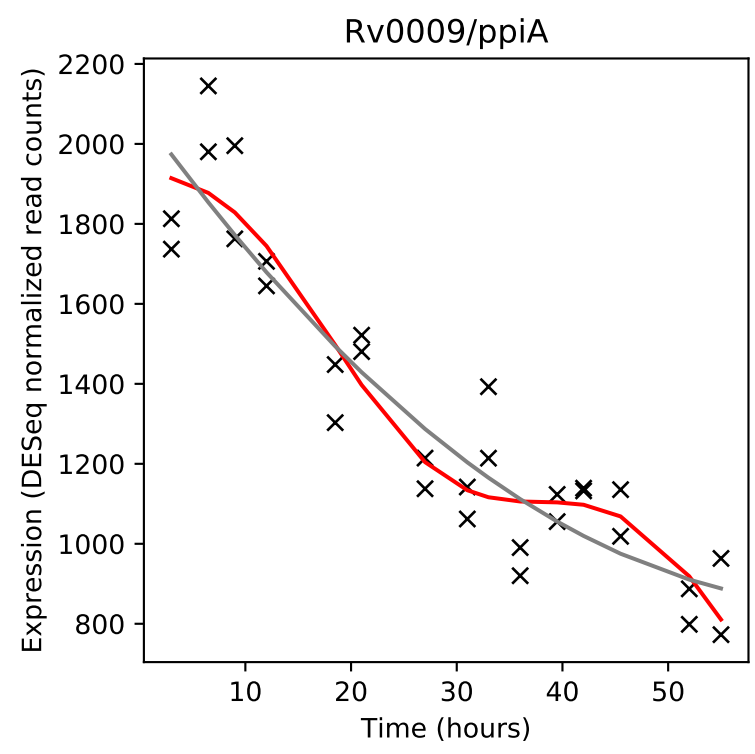

Rv0004/-
Expression (DESeq normalized read counts)
Time (hours)

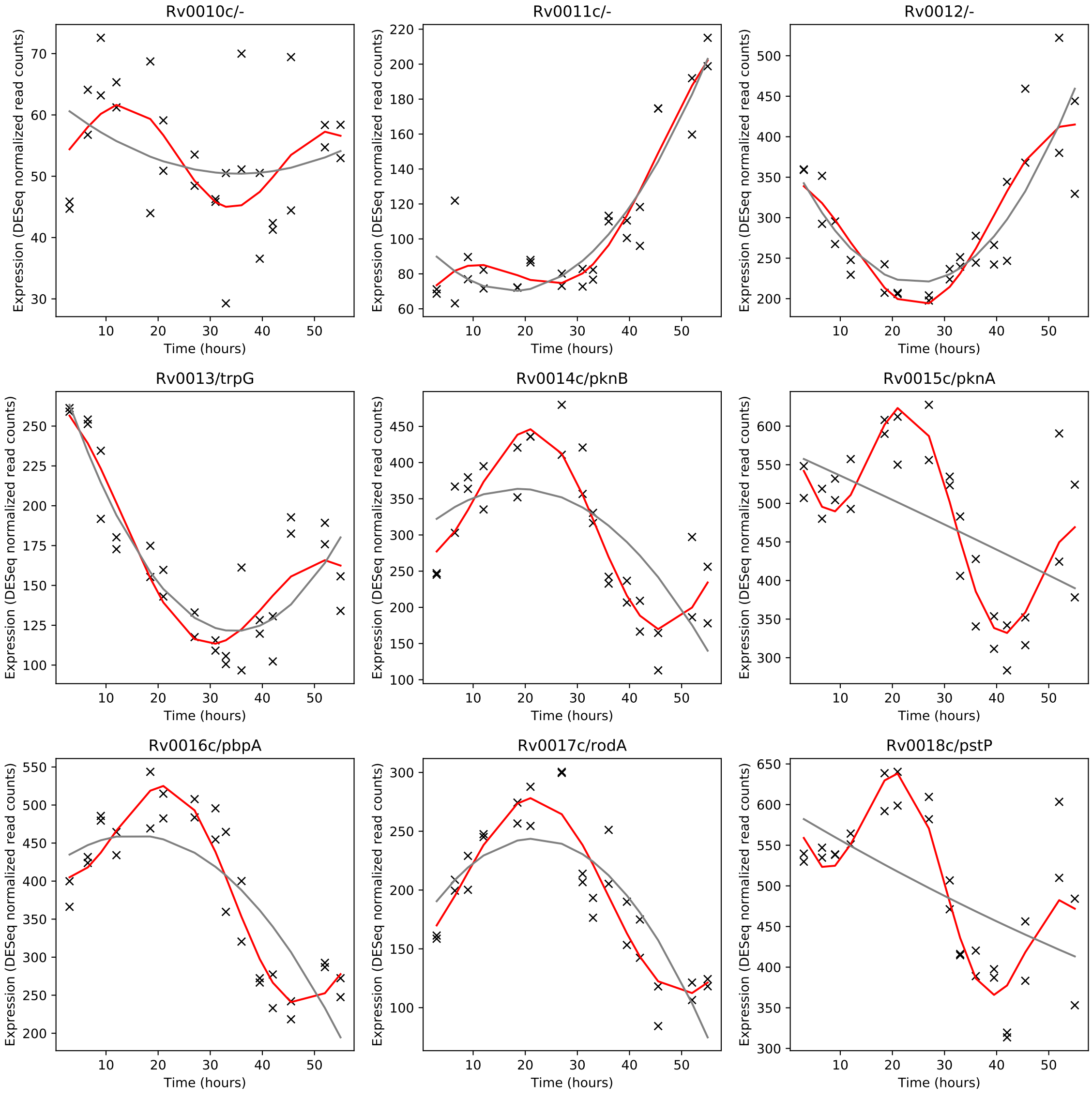

Rv0005/gyrB
Expression (DESeq normalized read counts)
Time (hours)

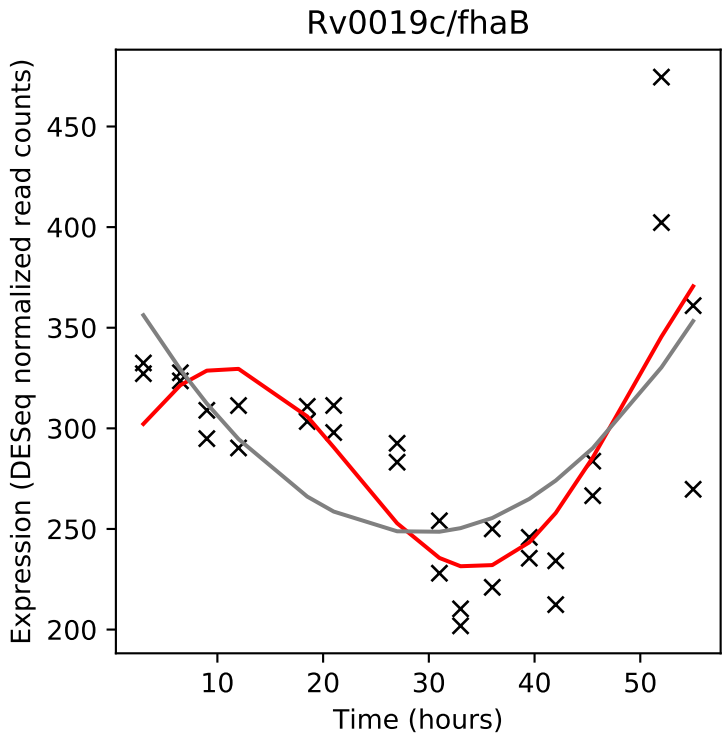

Rv0006/gyrA
Expression (DESeq normalized read counts)
Time (hours)

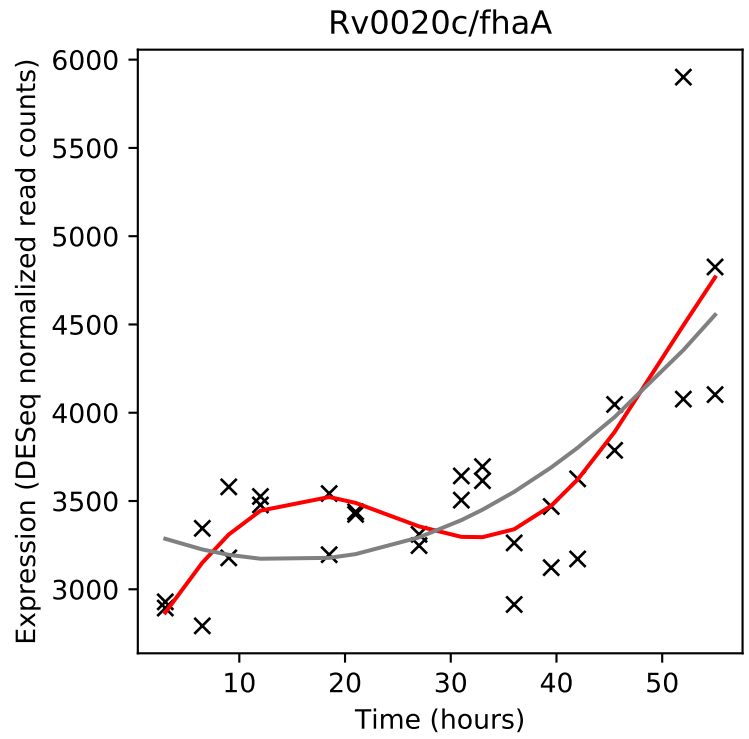

Rv0007/-
Expression (DESeq normalized read counts)
Time (hours)

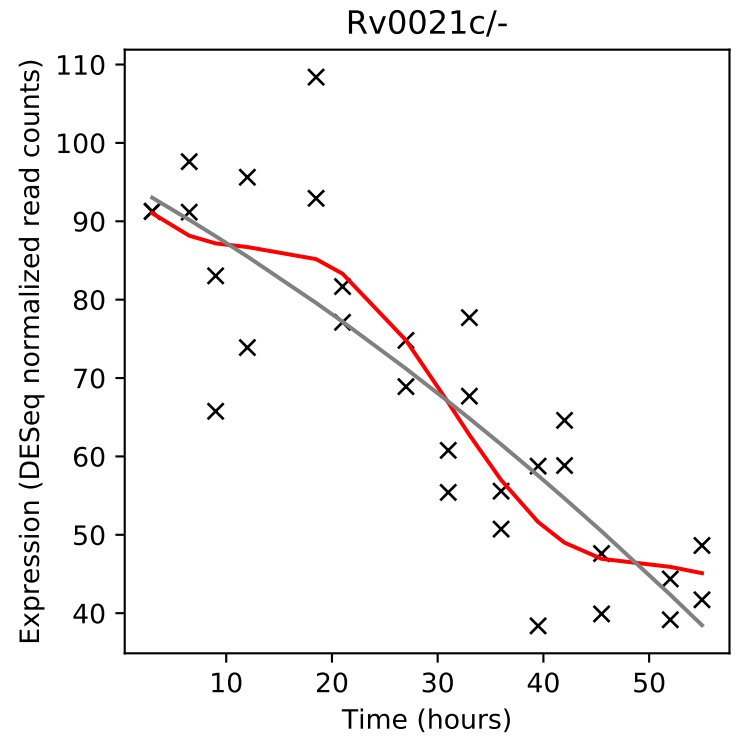

Rv0008c/-
Expression (DESeq normalized read counts)
Time (hours)

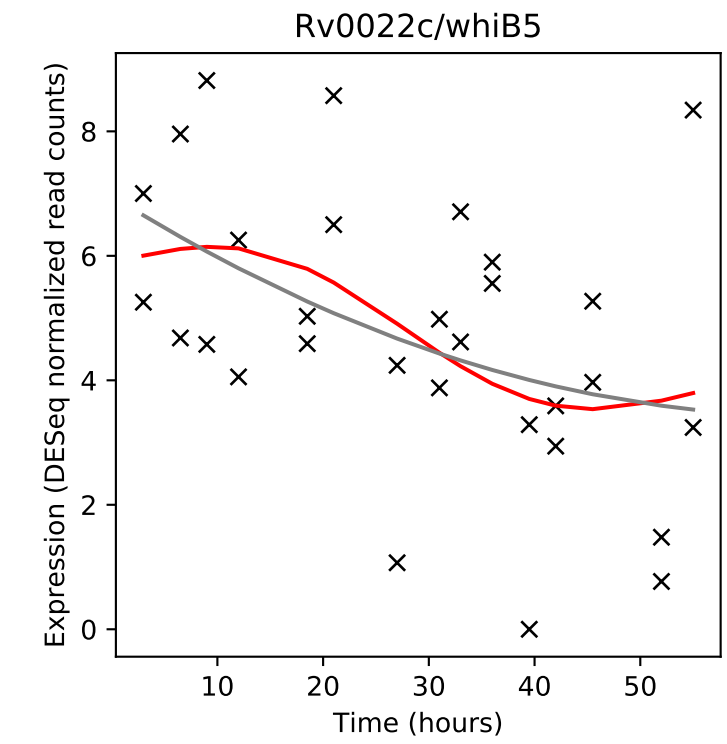

Rv0009/ppiA
Expression (DESeq normalized read counts)
Time (hours)

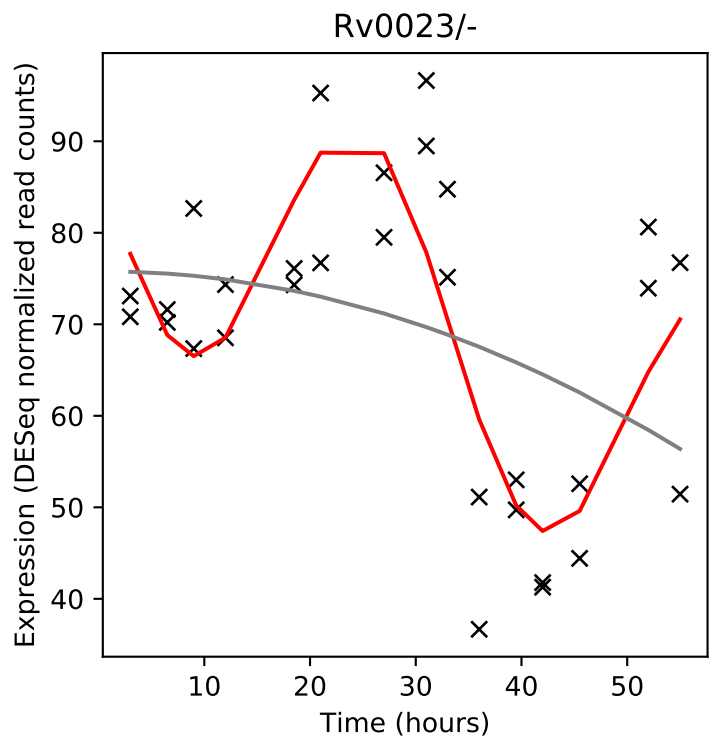

Rv0010c/-
Rv0011c/-
Rv0012/-
Rv0013/trpG
Rv0014c/pknB
Rv0015c/pknA
Rv0016c/pbpA
Rv0017c/rodA
Rv0018c/pstP
Expression (DESeq normalized read counts)
Time (hours)

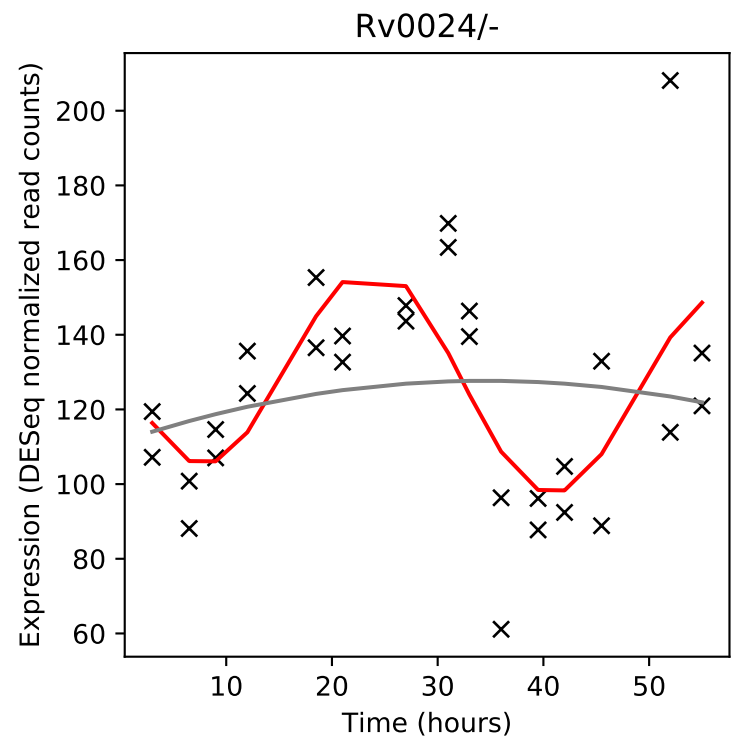

Rv0019c/fhaB
Expression (DESeq normalized read counts)
Time (hours)

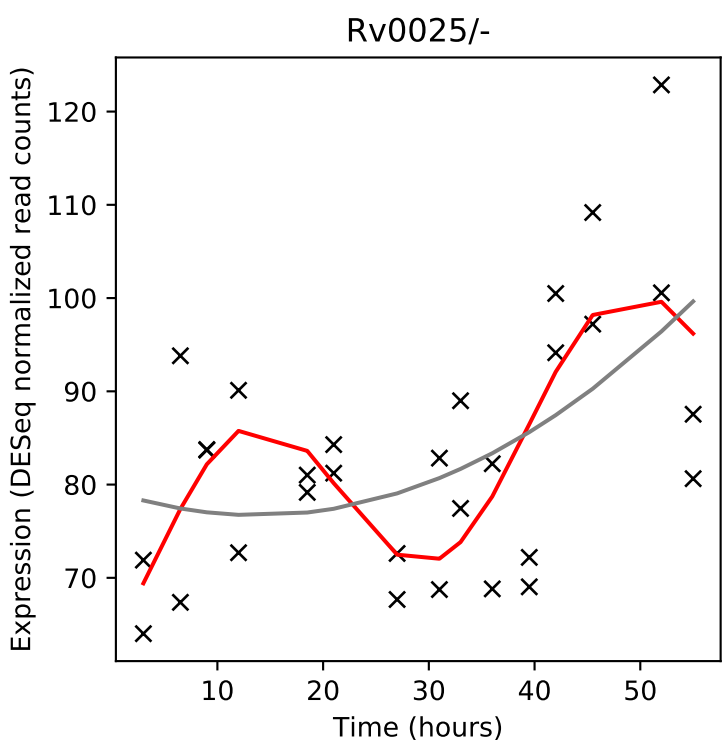

Rv0020c/fhaA
Expression (DESeq normalized read counts)
Time (hours)

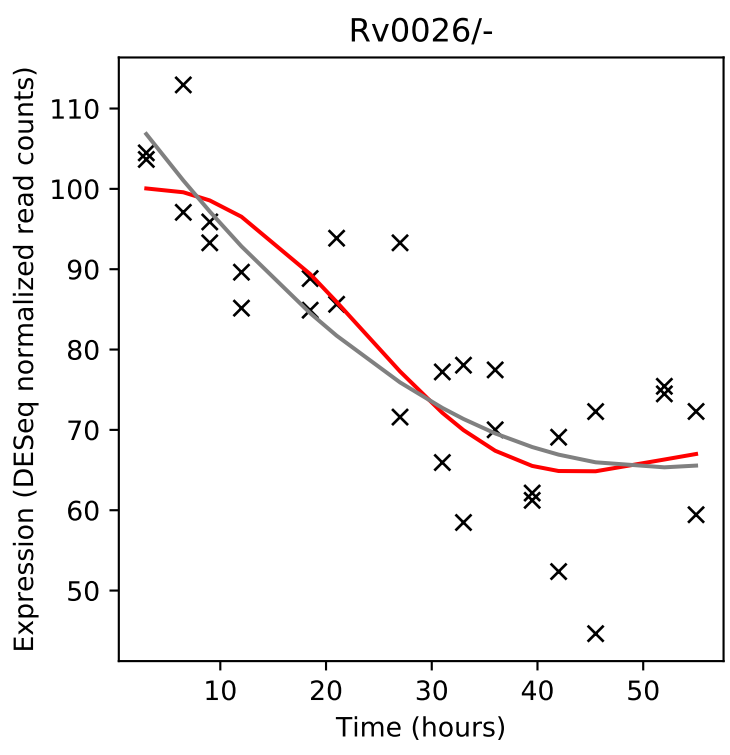

Rv0021c/-
Expression (DESeq normalized read counts)
Time (hours)

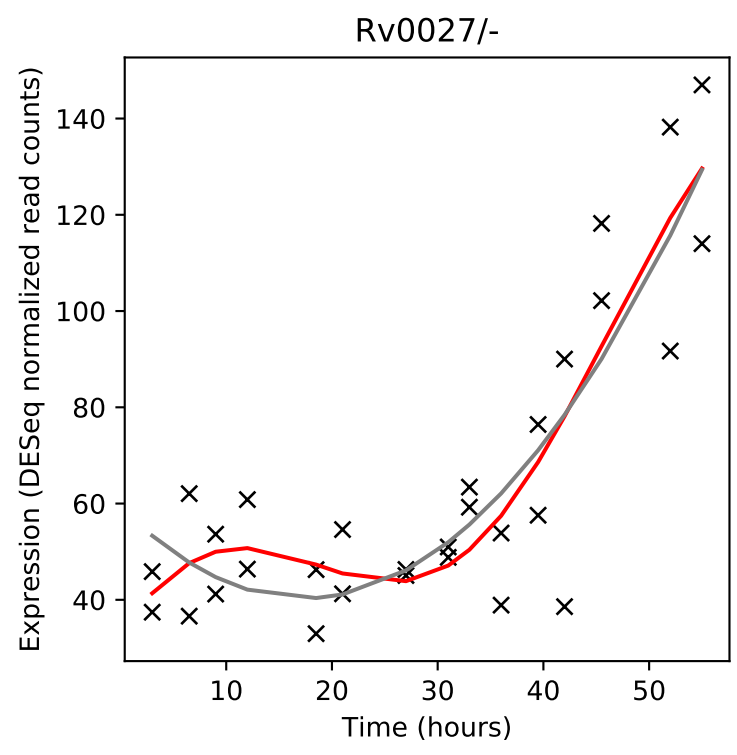

Rv0022c/whiB5
Expression (DESeq normalized read counts)
Time (hours)

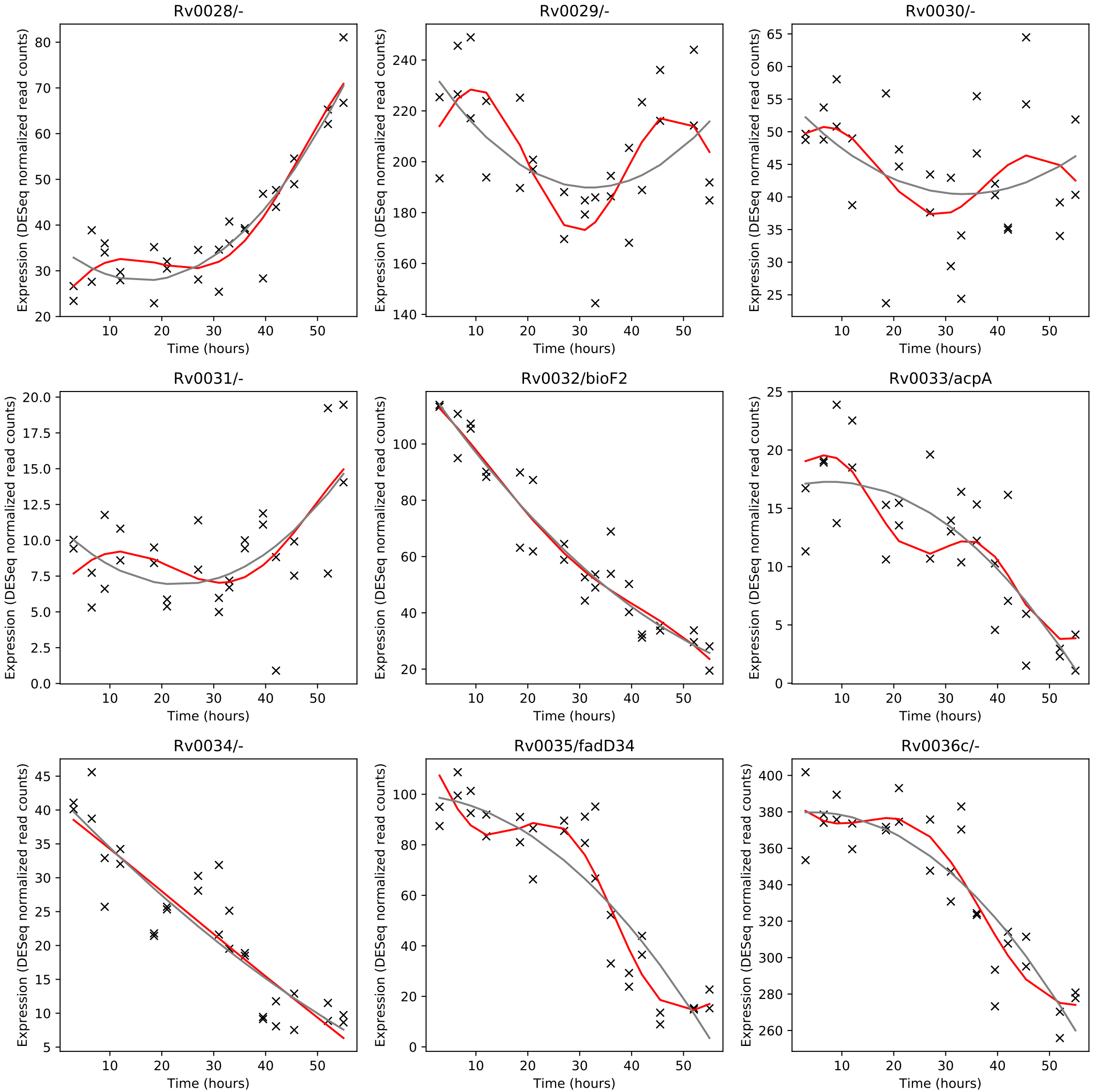

Rv0023/-
Expression (DESeq normalized read counts)
Time (hours)

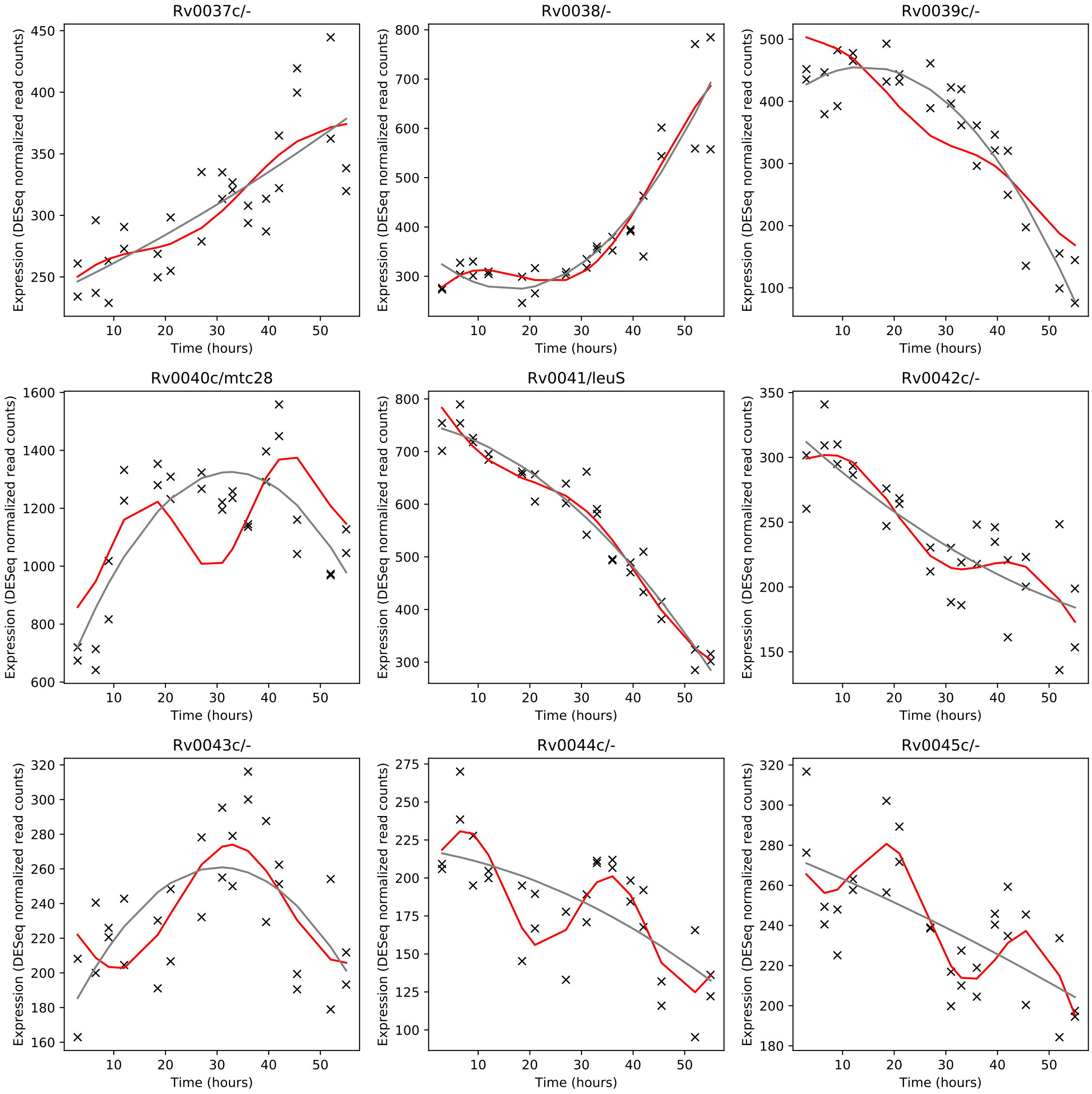

Rv0024/-
Expression (DESeq normalized read counts)
Time (hours)

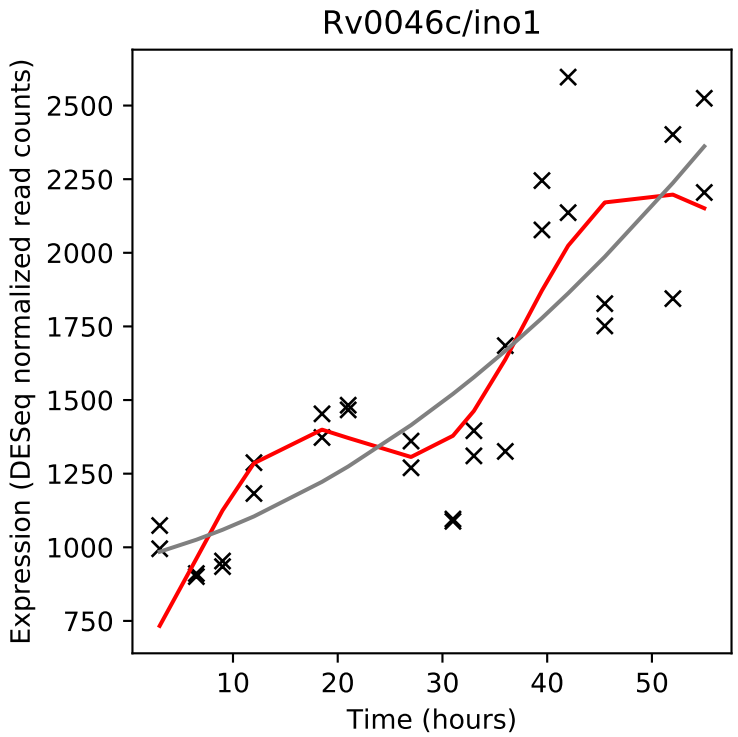

Rv0025/-
Expression (DESeq normalized read counts)
Time (hours)

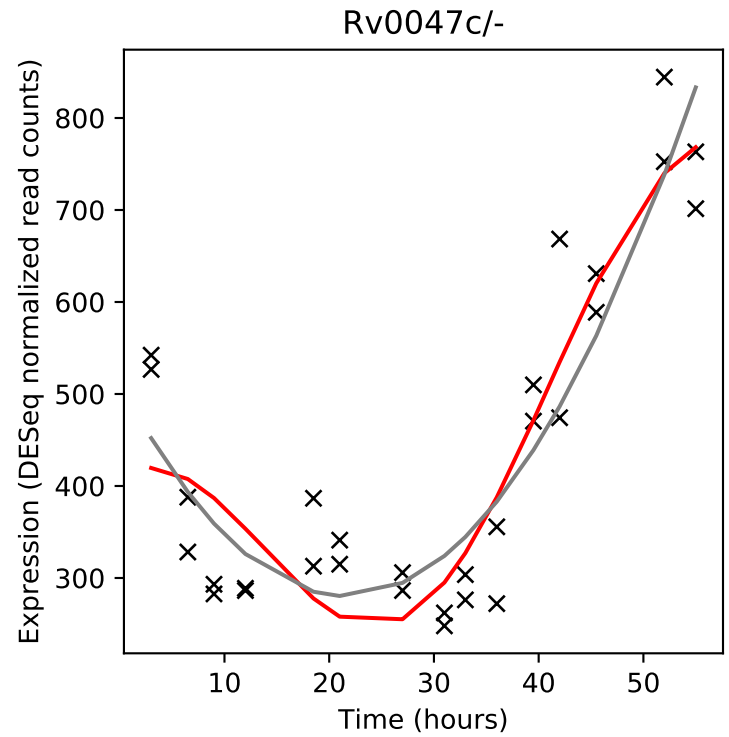

Rv0026/-
Expression (DESeq normalized read counts)
Time (hours)

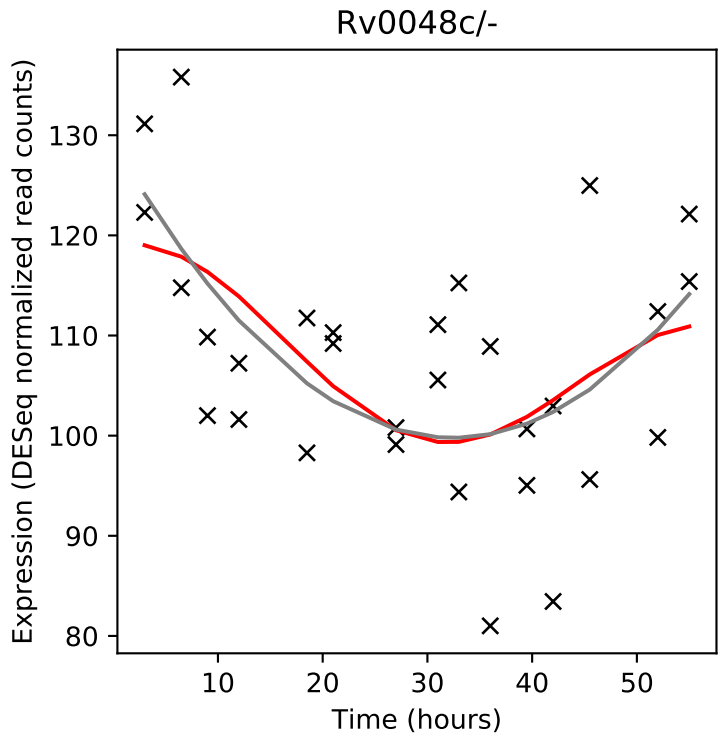

Rv0027/-
Expression (DESeq normalized read counts)
Time (hours)

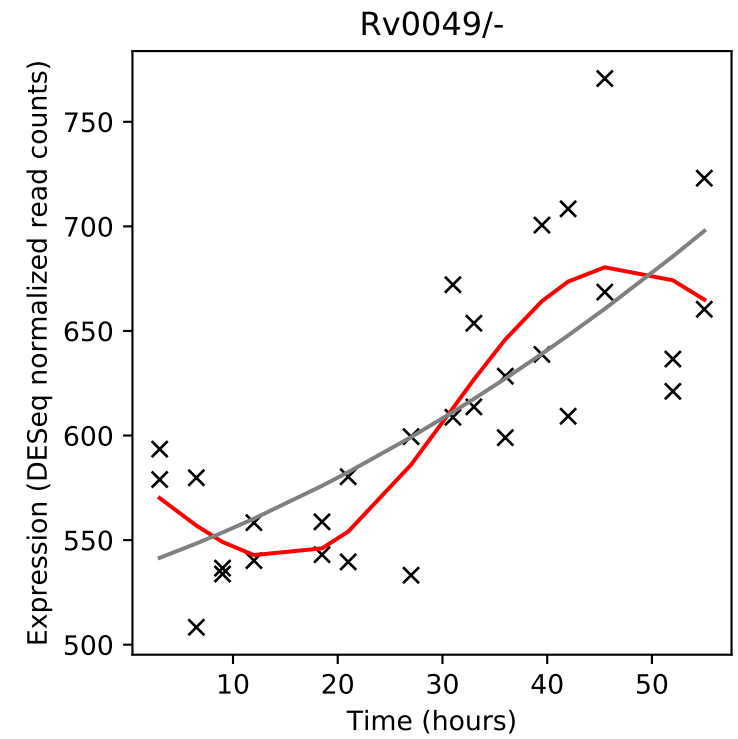

Rv0028/-
Rv0029/-
Rv0030/-
Rv0031/-
Rv0032/bioF2
Rv0033/acpA
Rv0034/-
Rv0035/fadD34
Rv0036c/-
Expression (DESeq normalized read counts)
Time (hours)

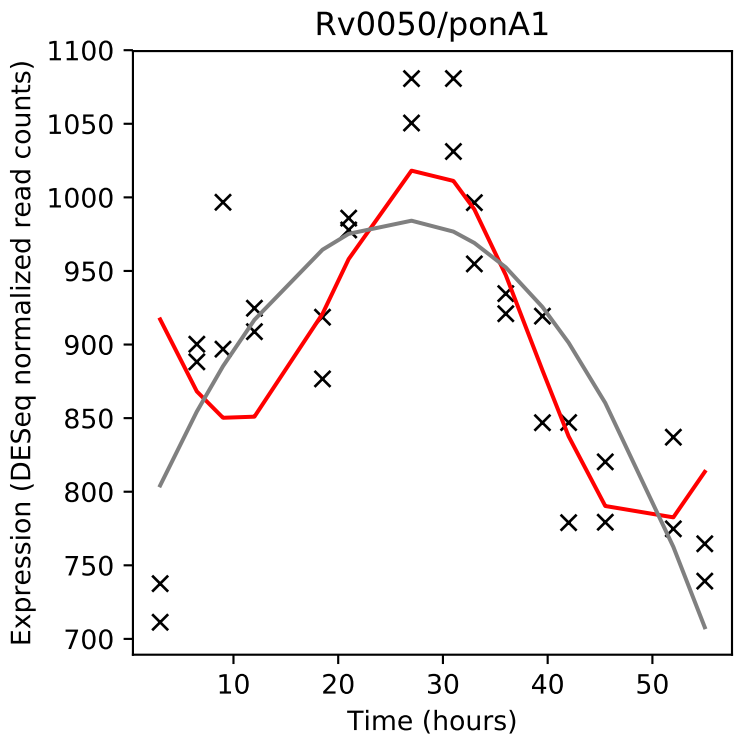

Rv0037c/-
Rv0038/-
Rv0039c/-
Rv0040c/mtc28
Rv0041/leuS
Rv0042c/-
Rv0043c/-
Rv0044c/-
Rv0045c/-
Expression (DESeq normalized read counts)
Time (hours)

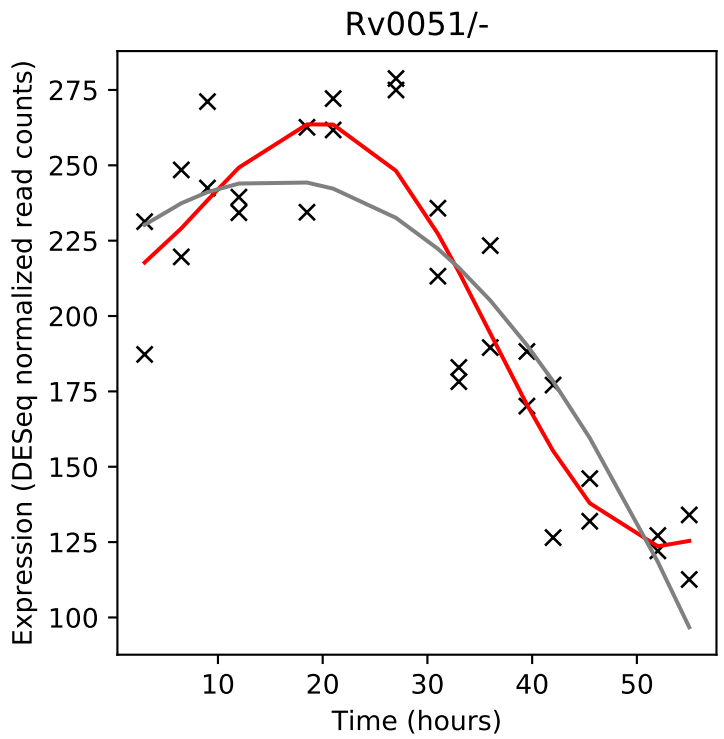

Rv0046c/ino1
Expression (DESeq normalized read counts)
Time (hours)

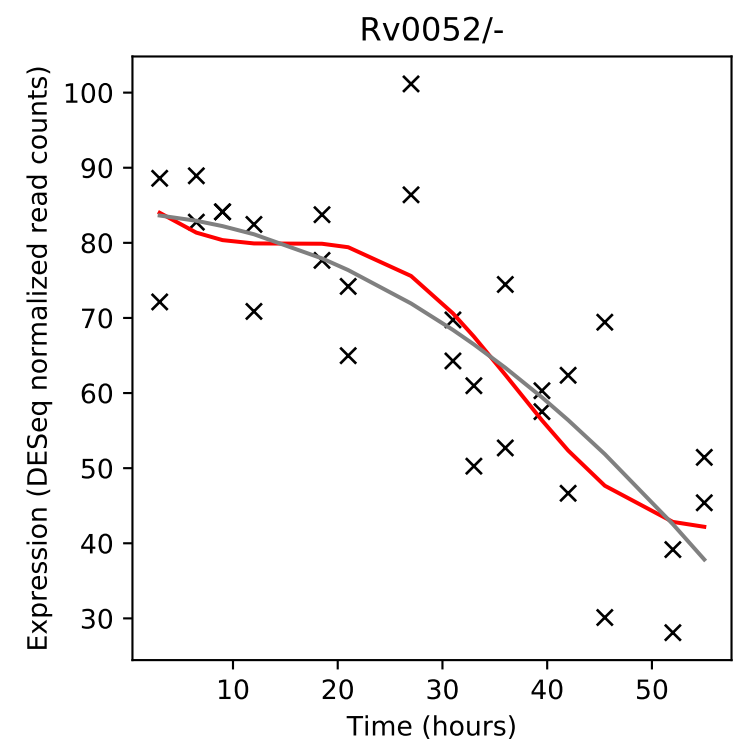

Rv0047c/-
Expression (DESeq normalized read counts)
Time (hours)

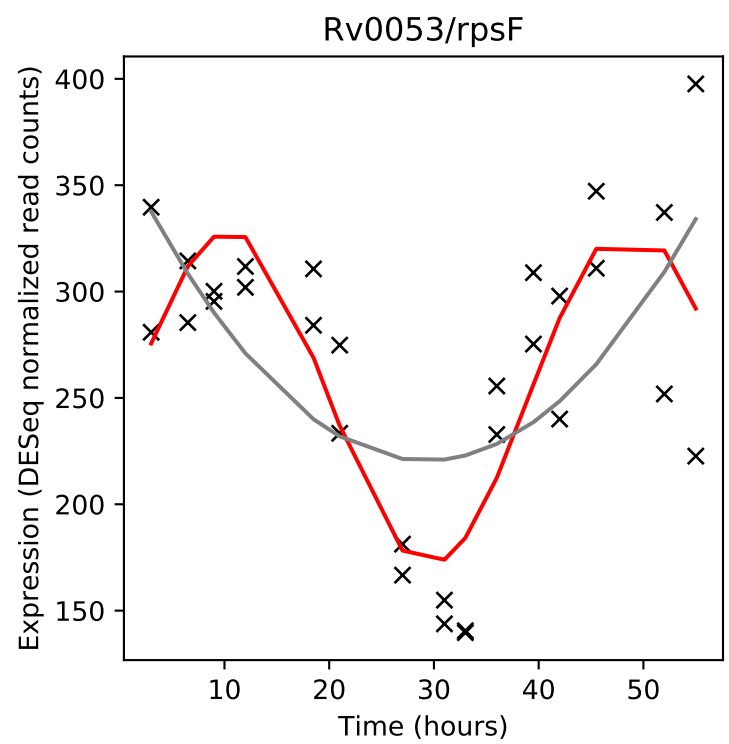

Rv0048c/-
Expression (DESeq normalized read counts)
Time (hours)

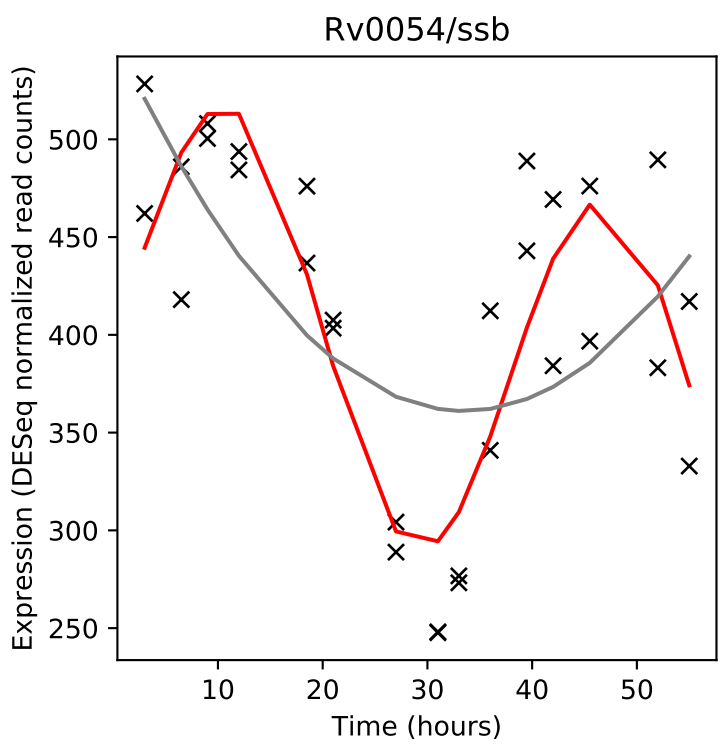

Rv0049/-
Expression (DESeq normalized read counts)
Time (hours)

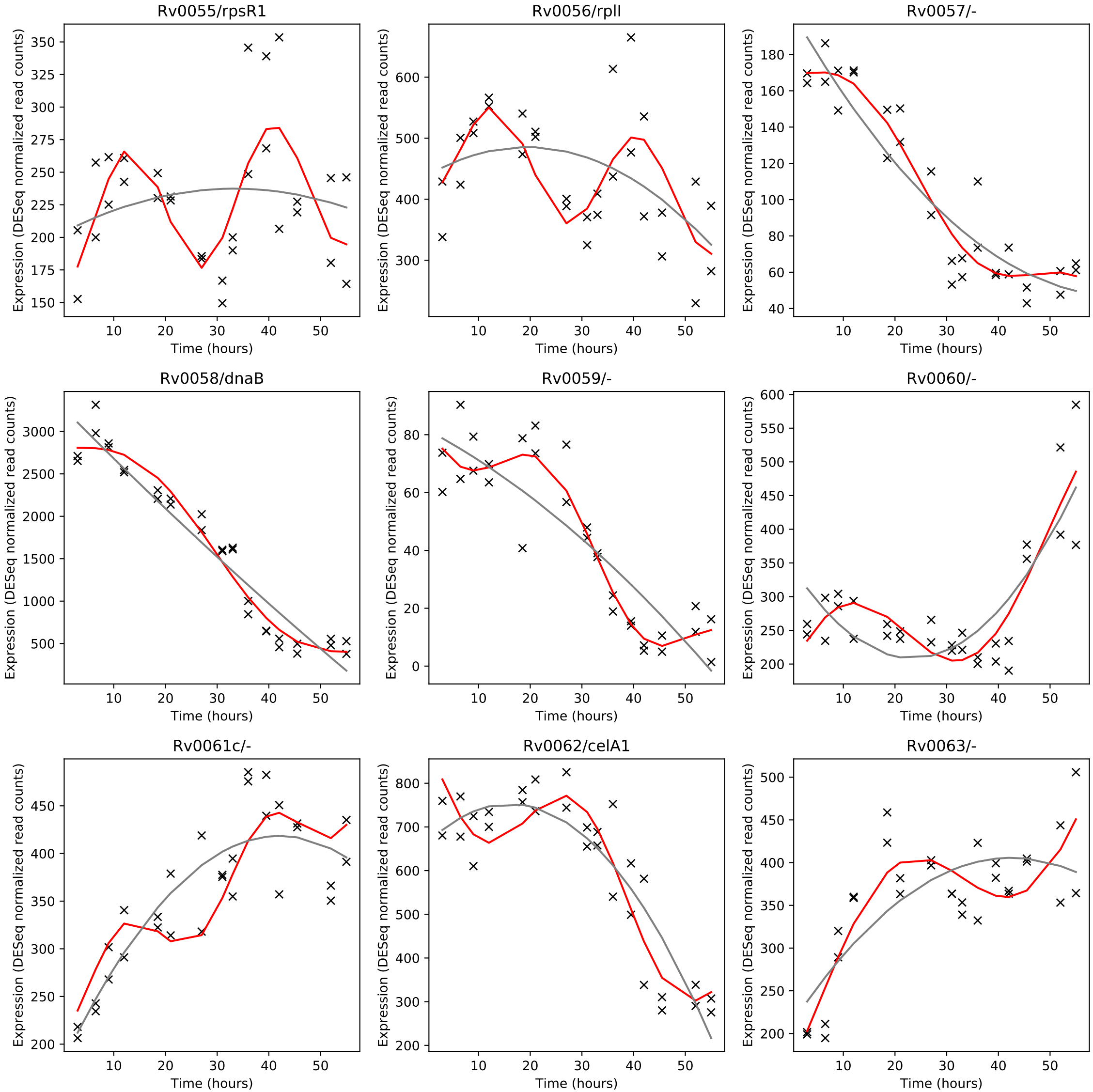

Rv0050/ponA1
Expression (DESeq normalized read counts)
Time (hours)

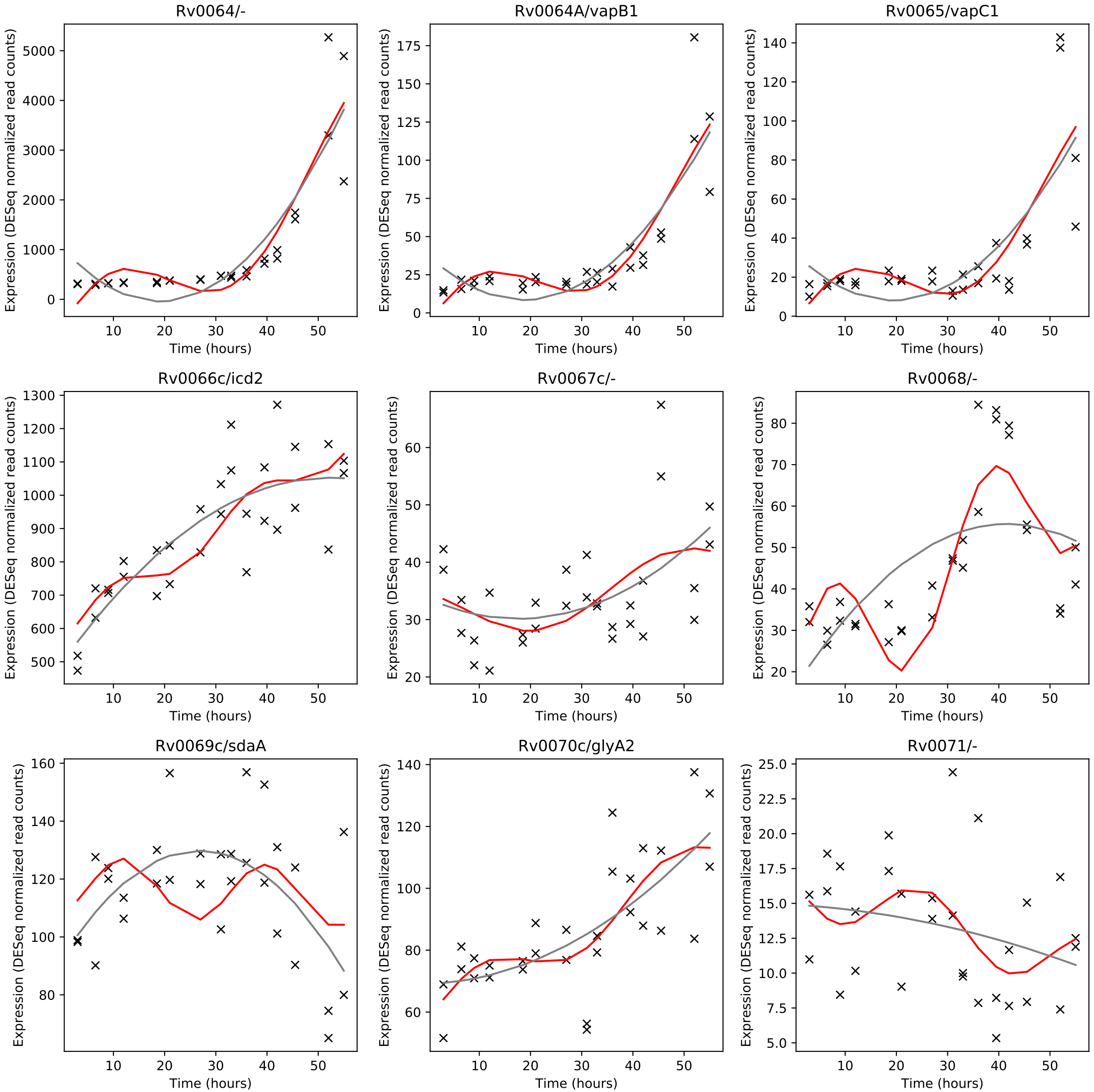

Rv0051/-
Expression (DESeq normalized read counts)
Time (hours)

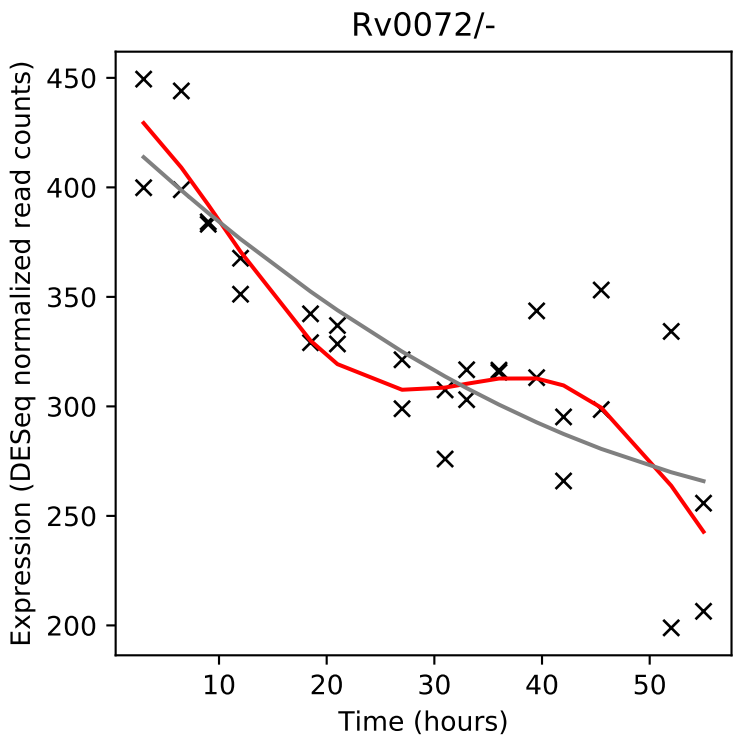

Rv0052/-
Expression (DESeq normalized read counts)
Time (hours)

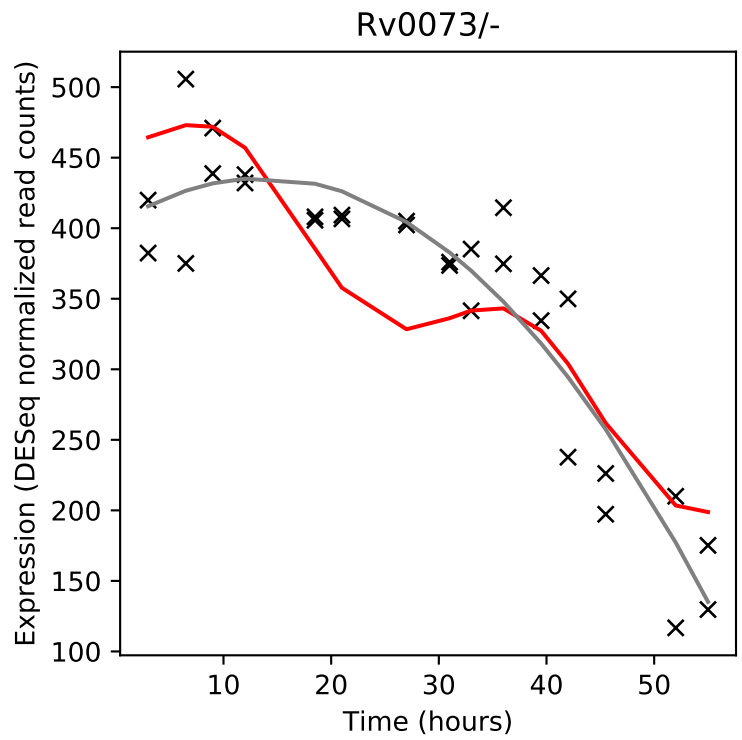

Rv0053/rpsF
Expression (DESeq normalized read counts)
Time (hours)

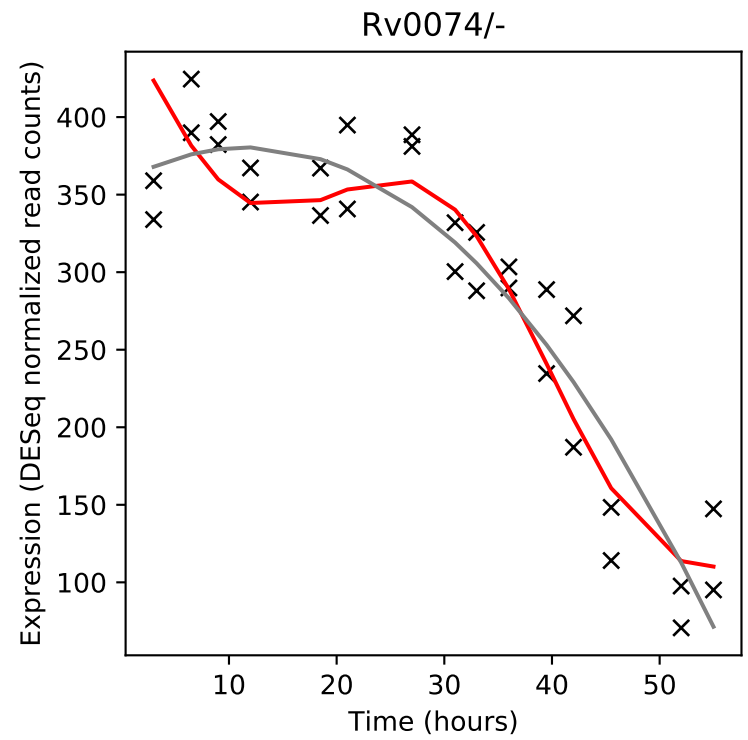

Rv0054/ssb
Expression (DESeq normalized read counts)
Time (hours)

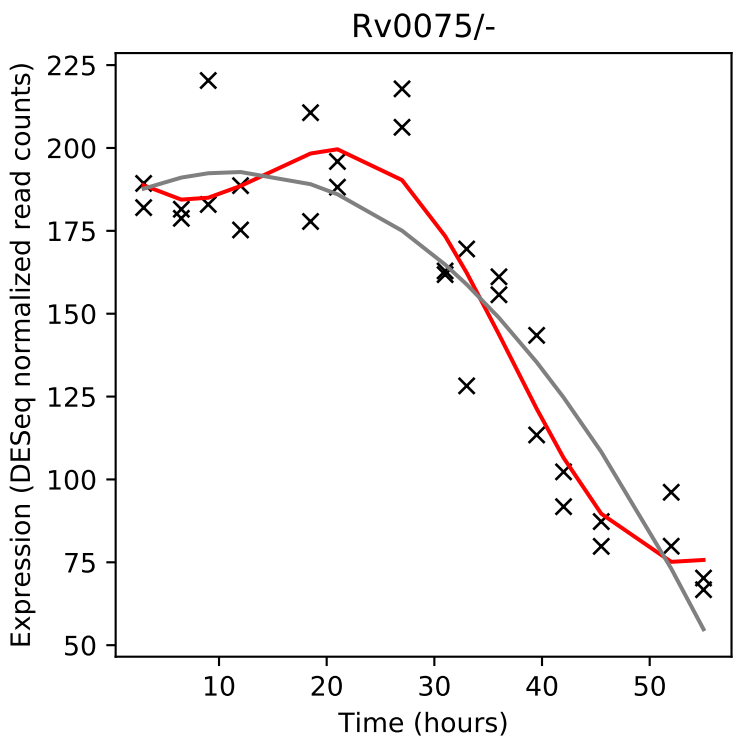

Rv0055/rpsR1
Rv0056/rplI
Rv0057/-
Rv0058/dnaB
Rv0059/-
Rv0060/-
Rv0061c/-
Rv0062/celA1
Rv0063/-
Expression (DESeq normalized read counts)
Time (hours)

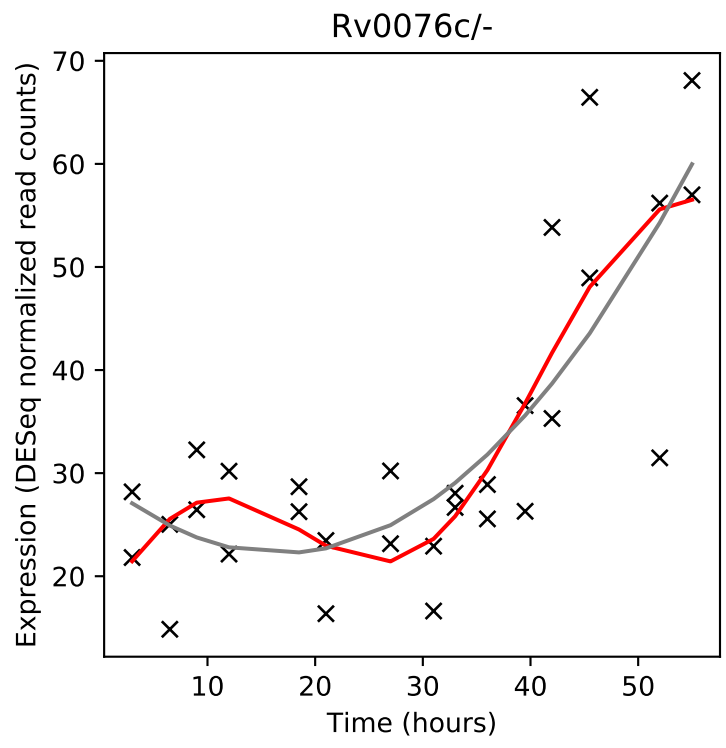

Rv0064/-
Rv0064A/vapB1
Rv0065/vapC1
Rv0066c/icd2
Rv0067c/-
Rv0068/-
Rv0069c/sdaA
Rv0070c/glyA2
Rv0071/-
Expression (DESeq normalized read counts)
Time (hours)

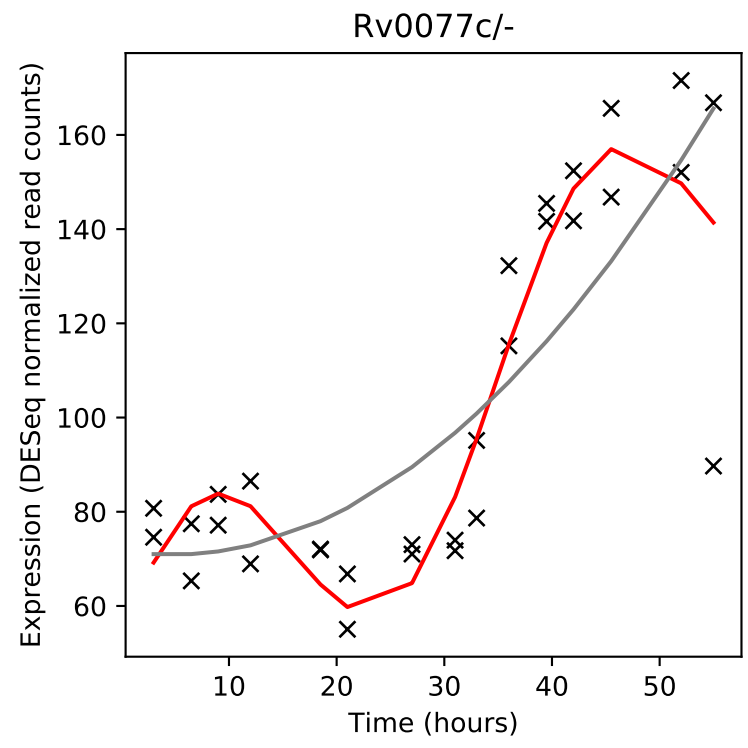

Rv0072/-
Expression (DESeq normalized read counts)
Time (hours)

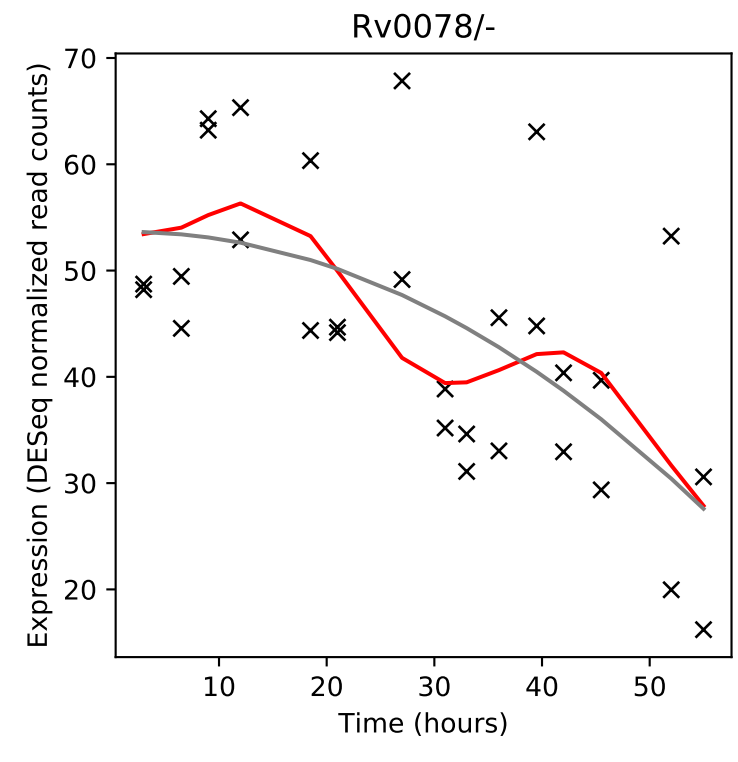

Rv0073/-
Expression (DESeq normalized read counts)
Time (hours)

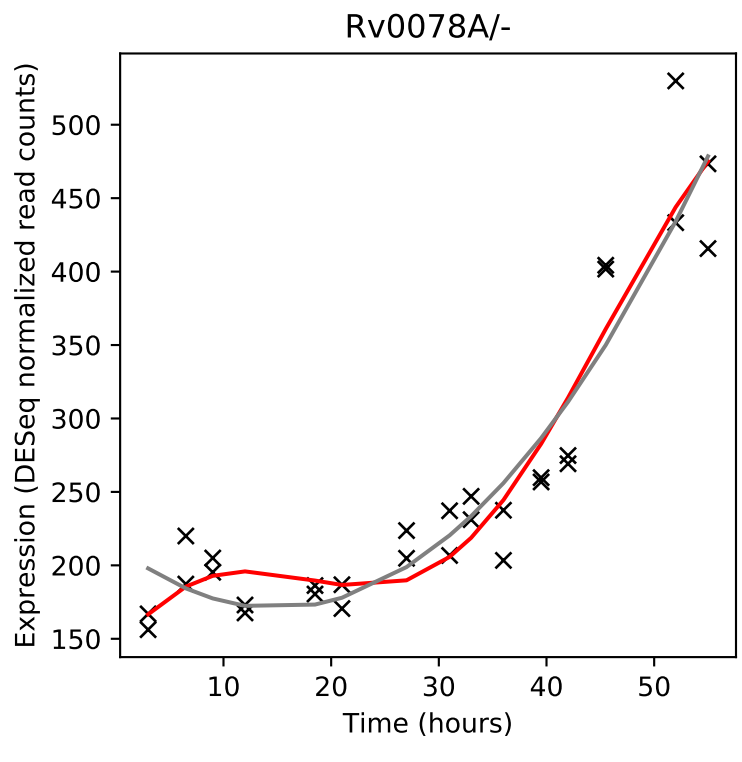

Rv0074/-
Expression (DESeq normalized read counts)
Time (hours)

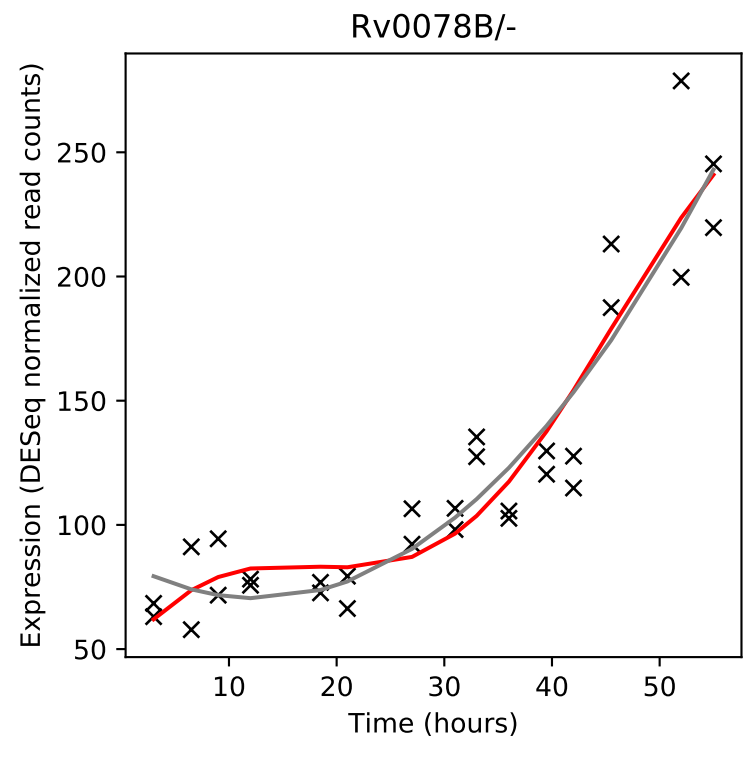

Rv0075/-
Expression (DESeq normalized read counts)
Time (hours)

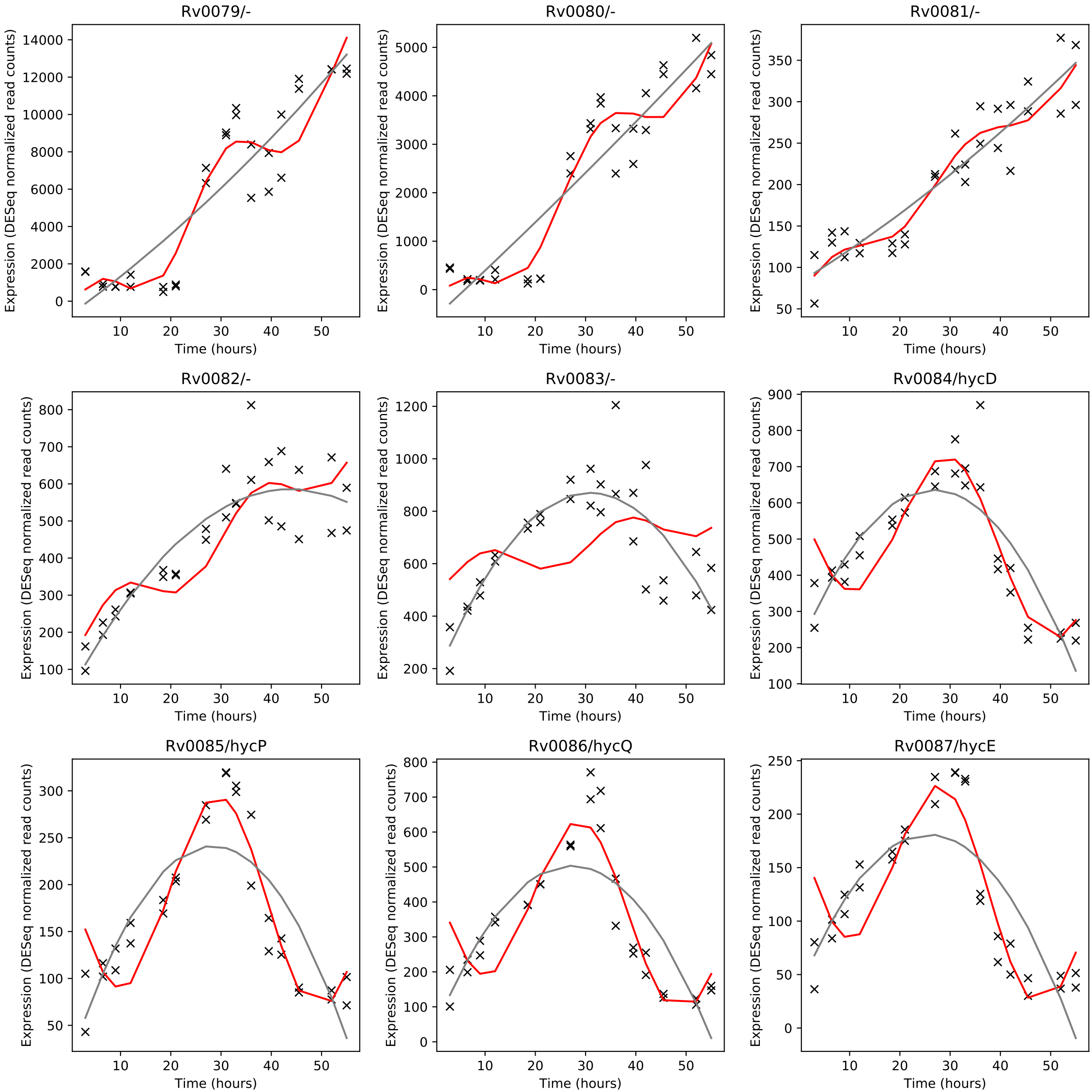

Rv0076c/-
Expression (DESeq normalized read counts)
Time (hours)

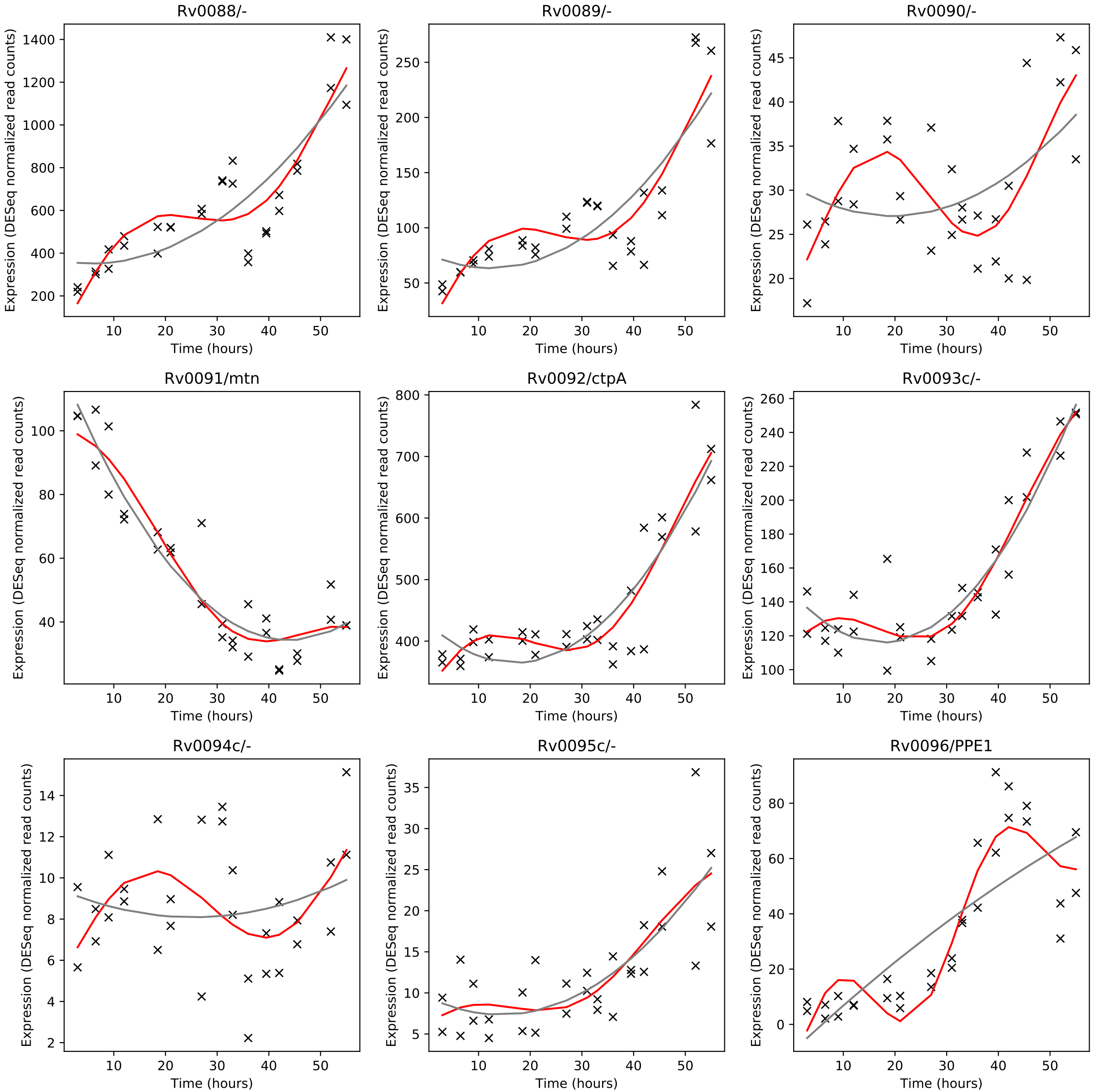

Rv0077c/-
Expression (DESeq normalized read counts)
Time (hours)

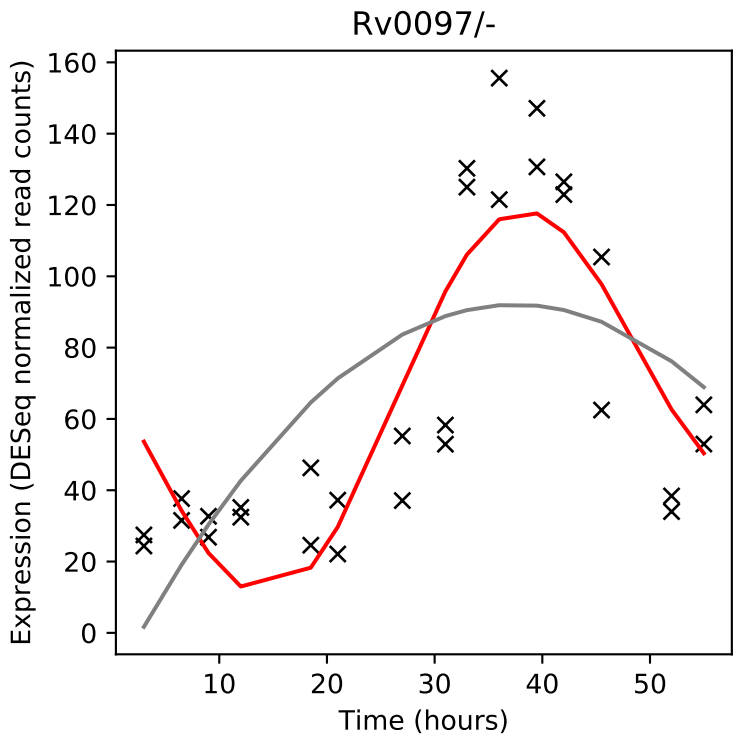

Rv0078/-
Expression (DESeq normalized read counts)
Time (hours)

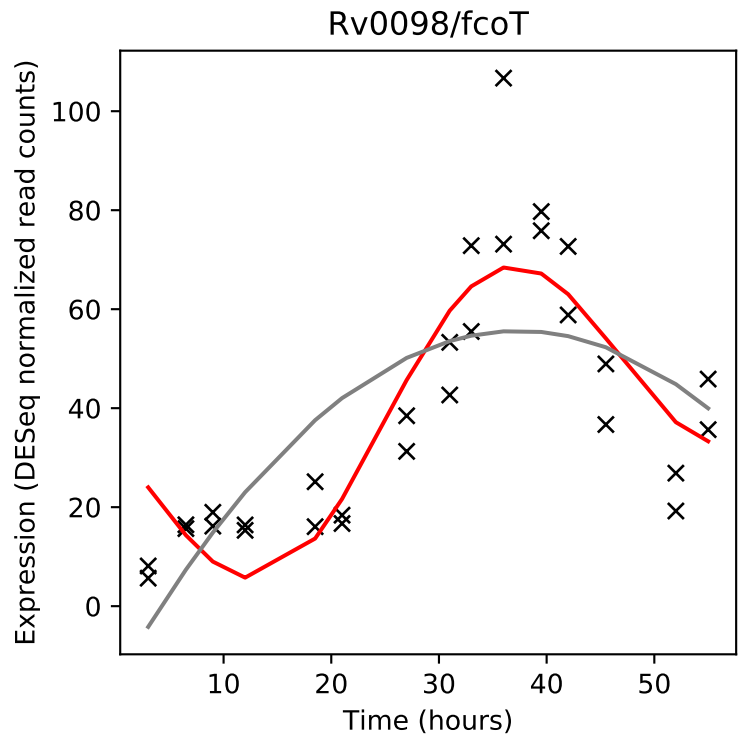

Rv0078A/-
Expression (DESeq normalized read counts)
Time (hours)

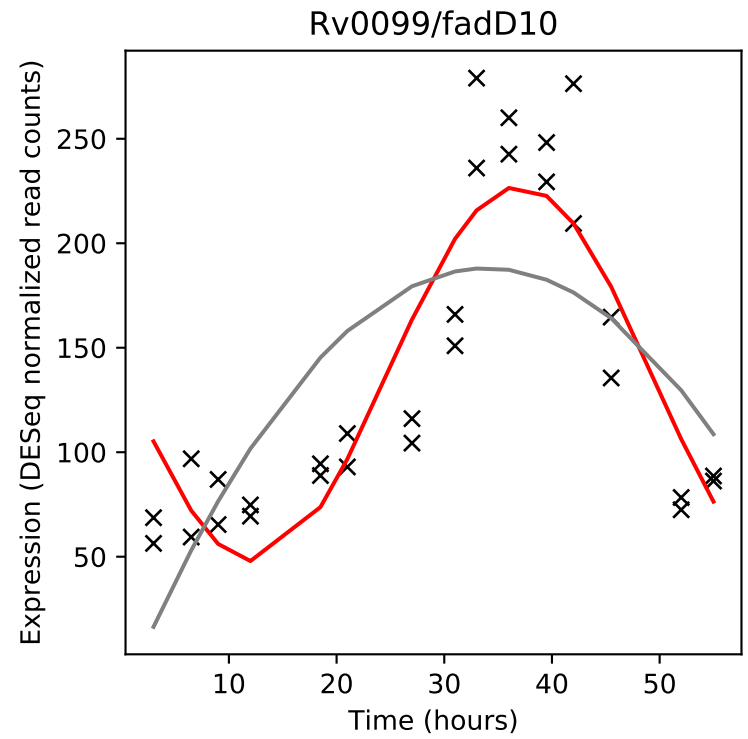

Rv0078B/-
Expression (DESeq normalized read counts)
Time (hours)

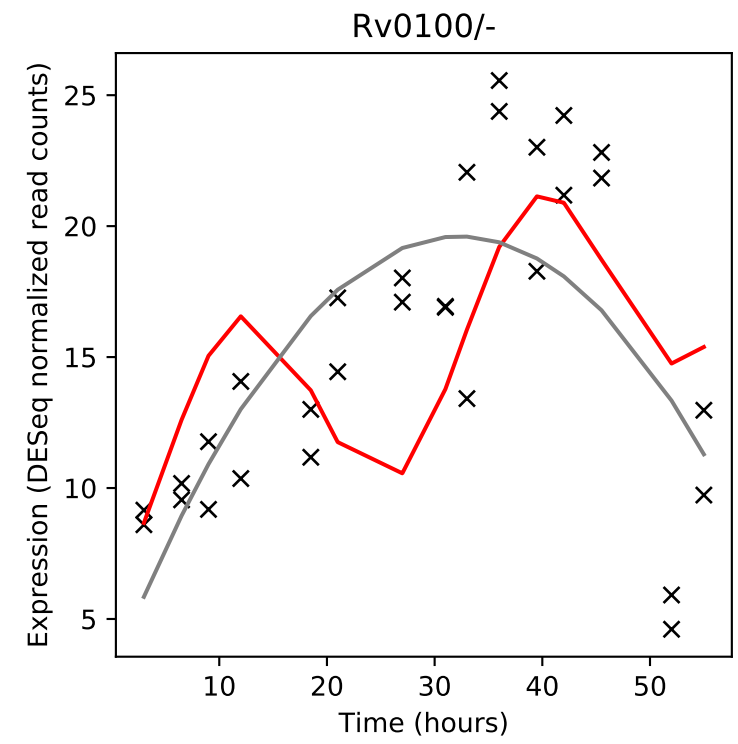

Rv0079/-
Rv0080/-
Rv0081/-
Rv0082/-
Rv0083/-
Rv0084/hycD
Rv0085/hycP
Rv0086/hycQ
Rv0087/hycE
Expression (DESeq normalized read counts)
Time (hours)

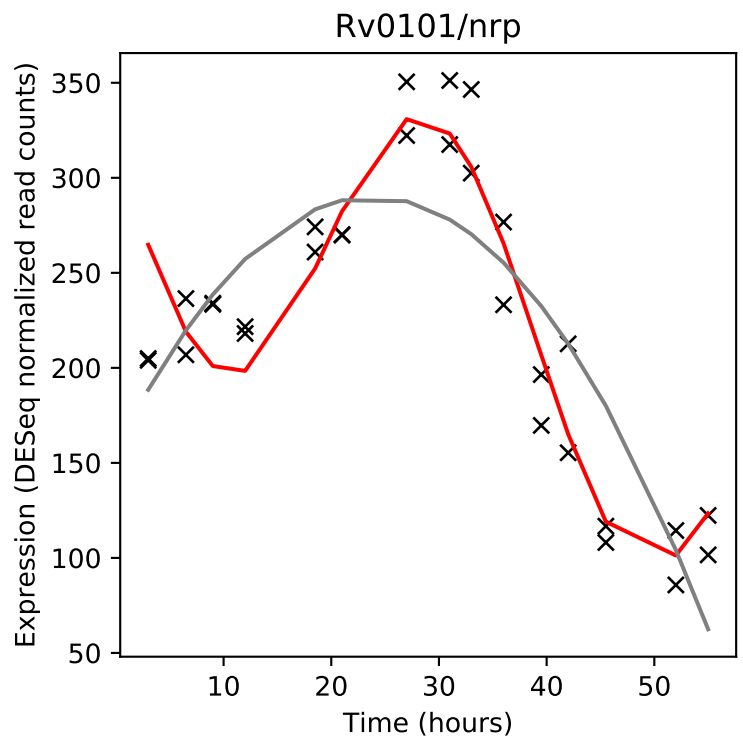

Rv0088/-
Rv0089/-
Rv0090/-
Rv0091/mtn
Rv0092/ctpA
Rv0093c/-
Rv0094c/-
Rv0095c/-
Rv0096/PPE1
Expression (DESeq normalized read counts)
Time (hours)

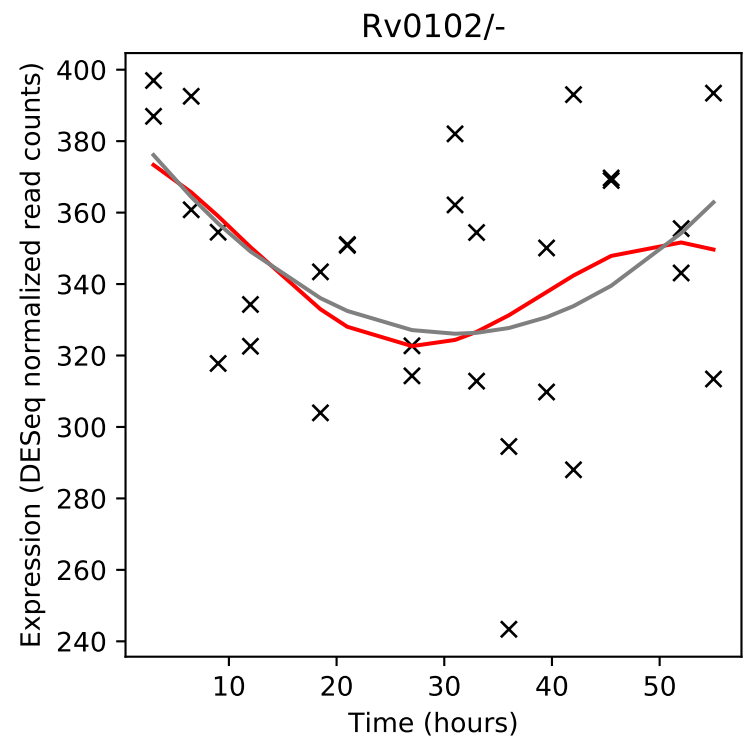

Rv0097/-
Expression (DESeq normalized read counts)
Time (hours)

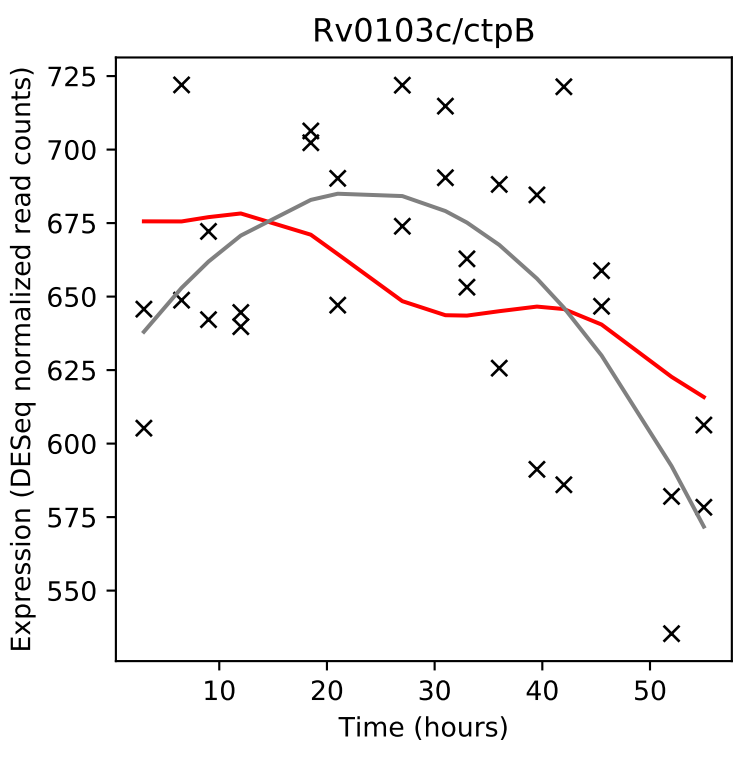

Rv0098/fcoT
Expression (DESeq normalized read counts)
Time (hours)

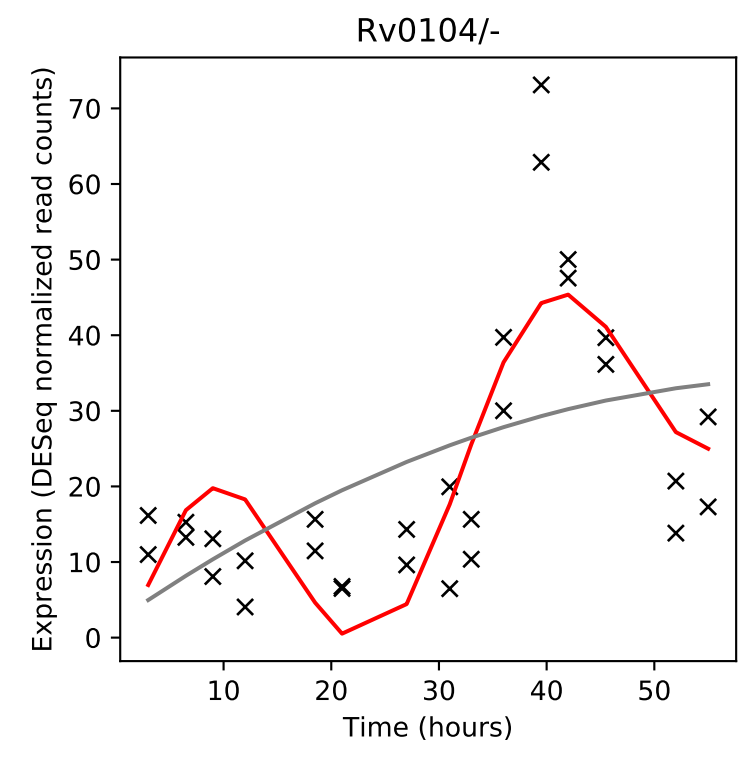

Rv0099/fadD10
Expression (DESeq normalized read counts)
Time (hours)

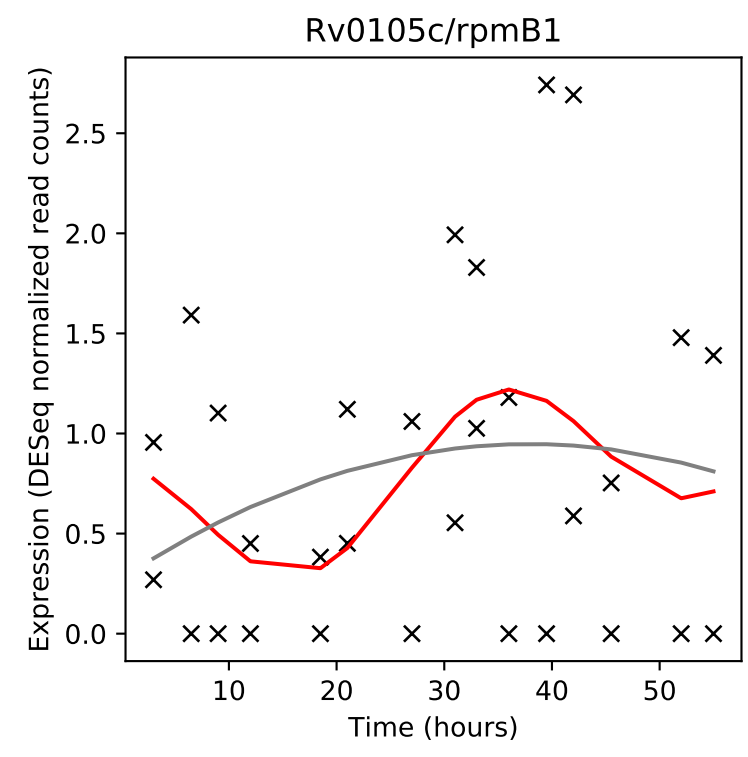

Rv0100/-
Expression (DESeq normalized read counts)
Time (hours)

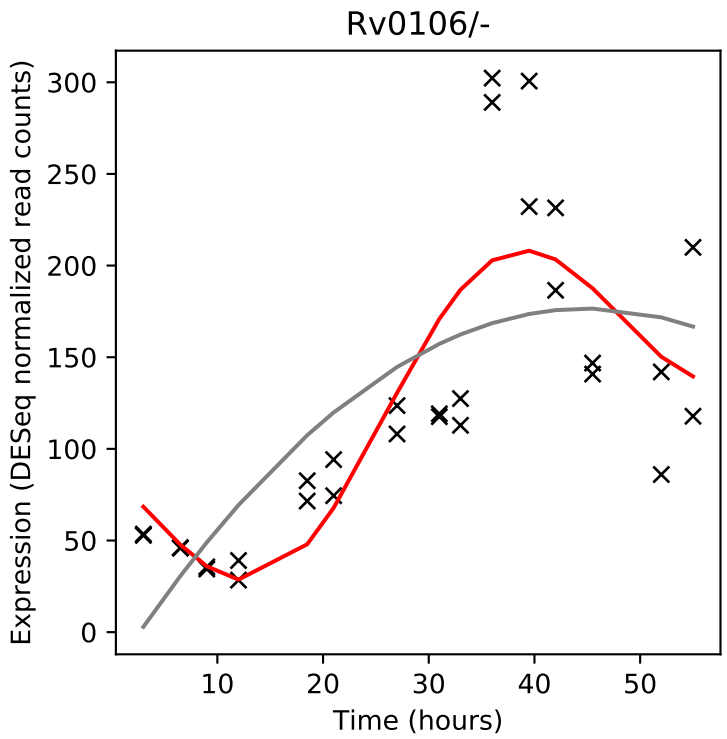

Rv0101/nrp
Expression (DESeq normalized read counts)
Time (hours)

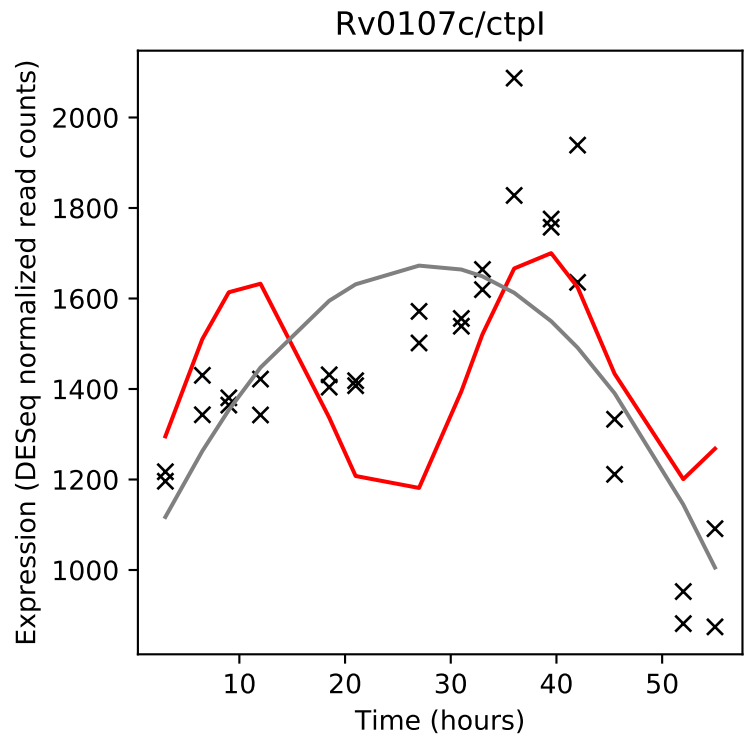

Rv0102/-
Expression (DESeq normalized read counts)
Time (hours)

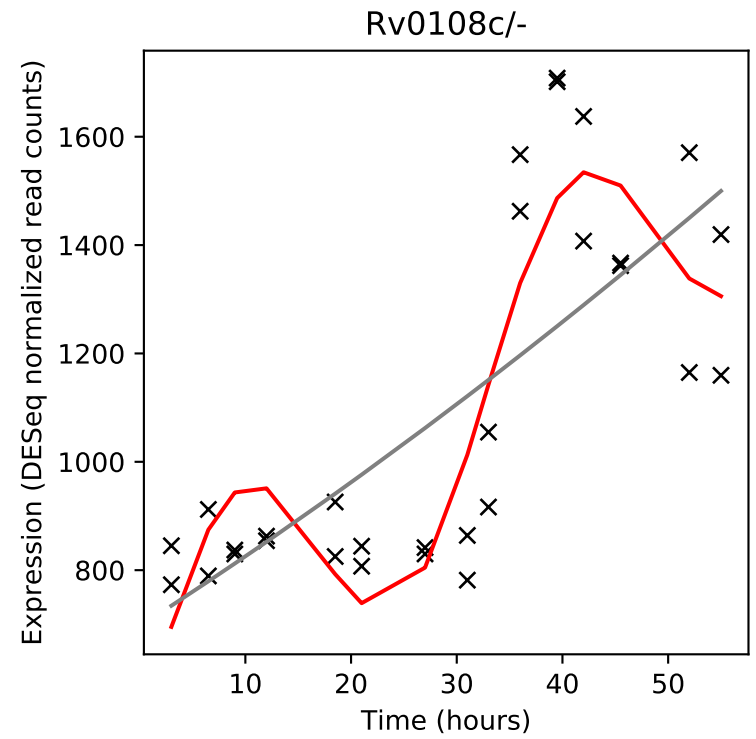

Rv0103c/ctpB
Expression (DESeq normalized read counts)
Time (hours)

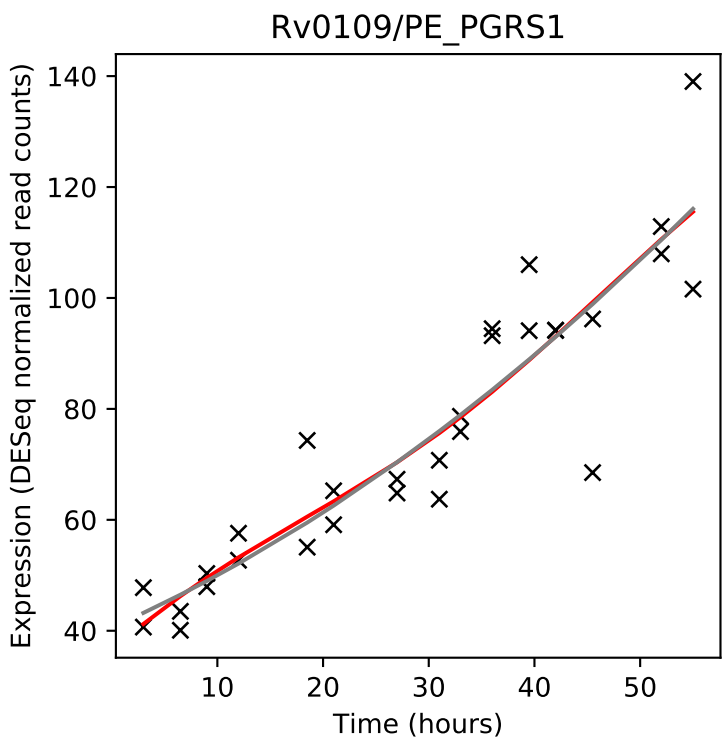

Rv0104/-
Expression (DESeq normalized read counts)
Time (hours)

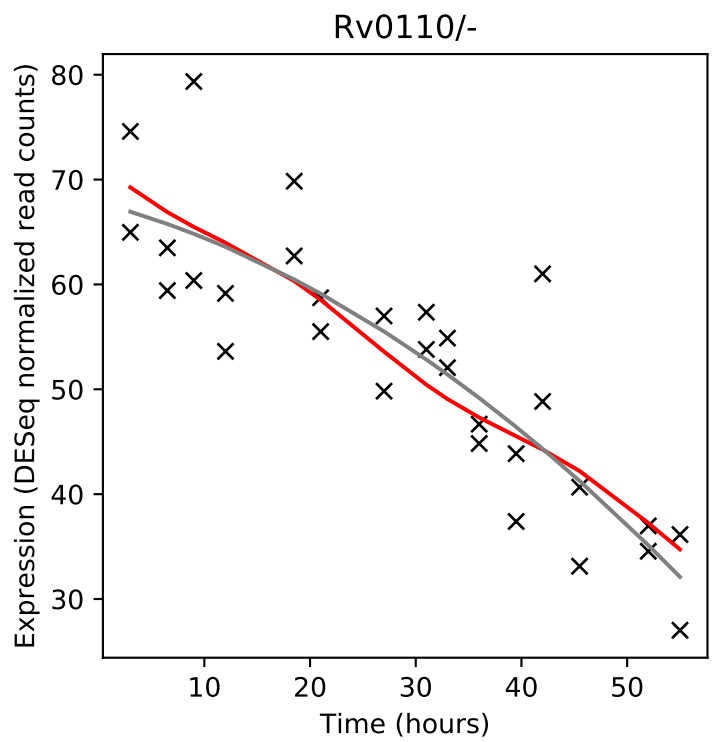

Rv0105c/rpmB1
Expression (DESeq normalized read counts)
Time (hours)

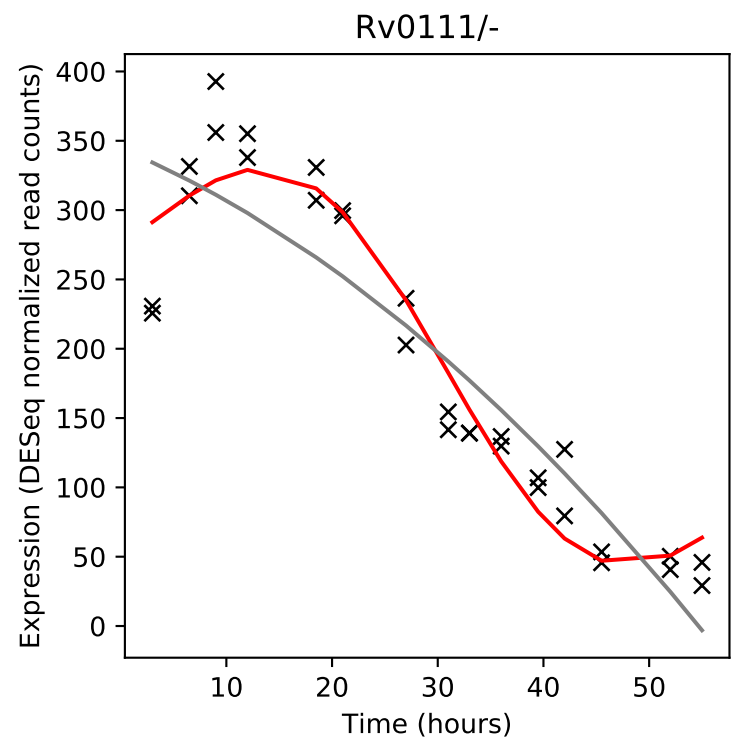

Rv0106/-
Expression (DESeq normalized read counts)
Time (hours)

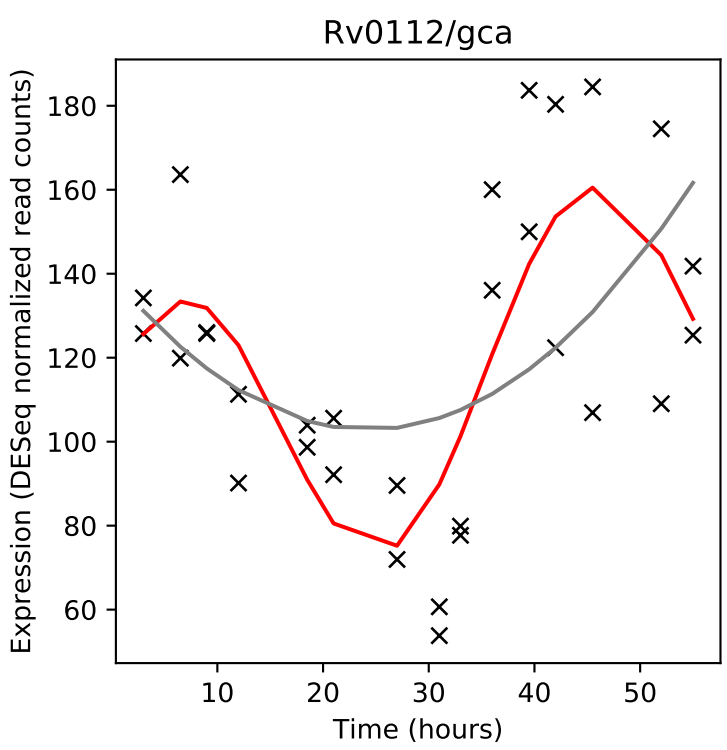

Rv0107c/ctpI
Expression (DESeq normalized read counts)
Time (hours)

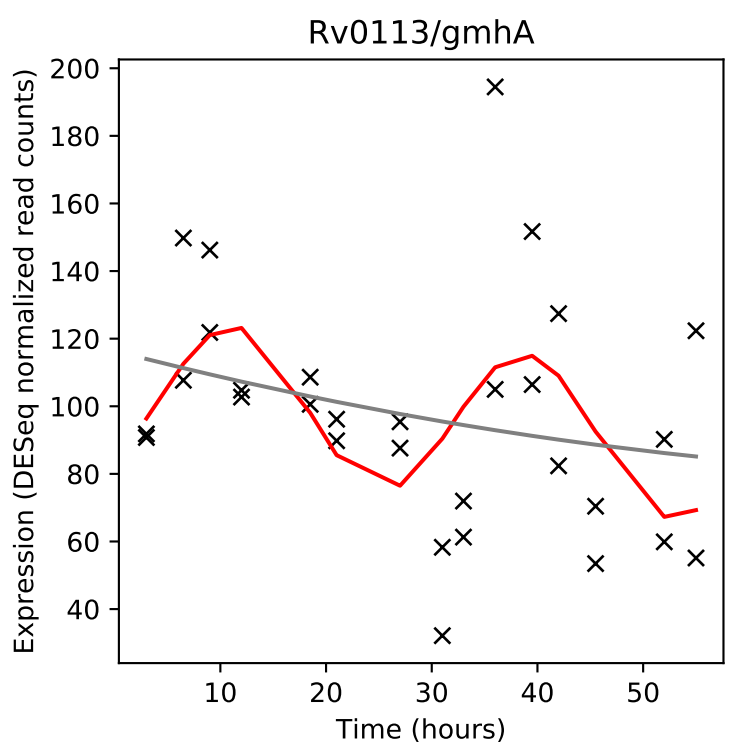

Rv0108c/-
Expression (DESeq normalized read counts)
Time (hours)

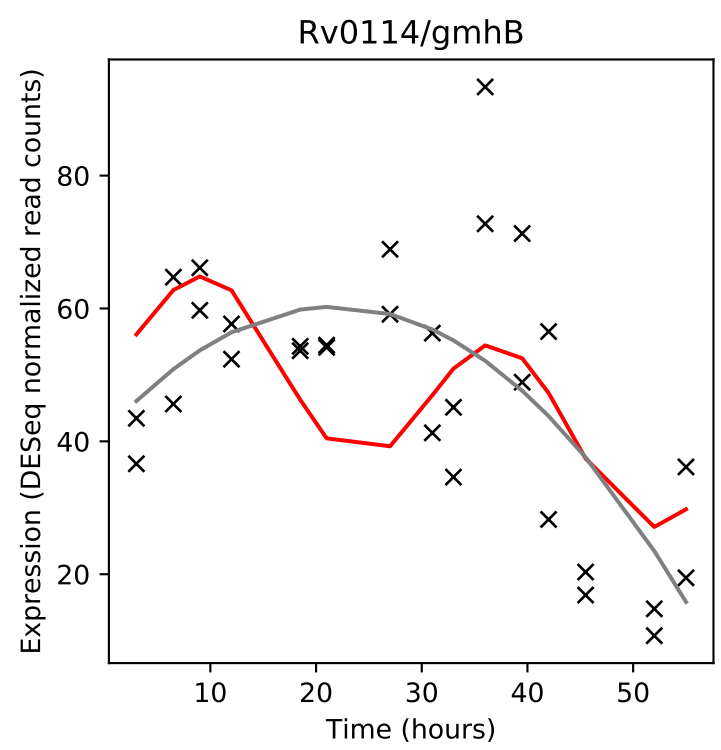

Rv0109/PE_PGRS1
Expression (DESeq normalized read counts)
Time (hours)

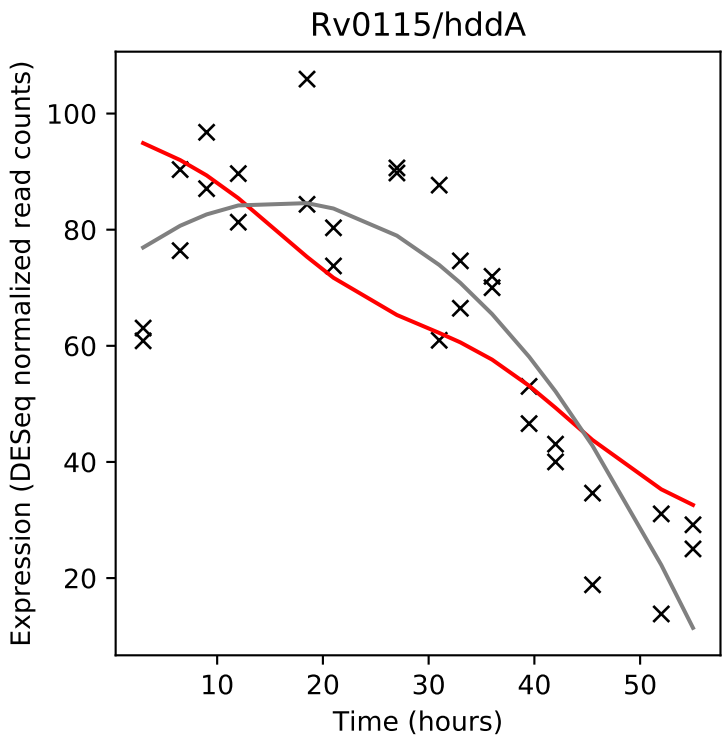

Rv0110/-
Expression (DESeq normalized read counts)
Time (hours)

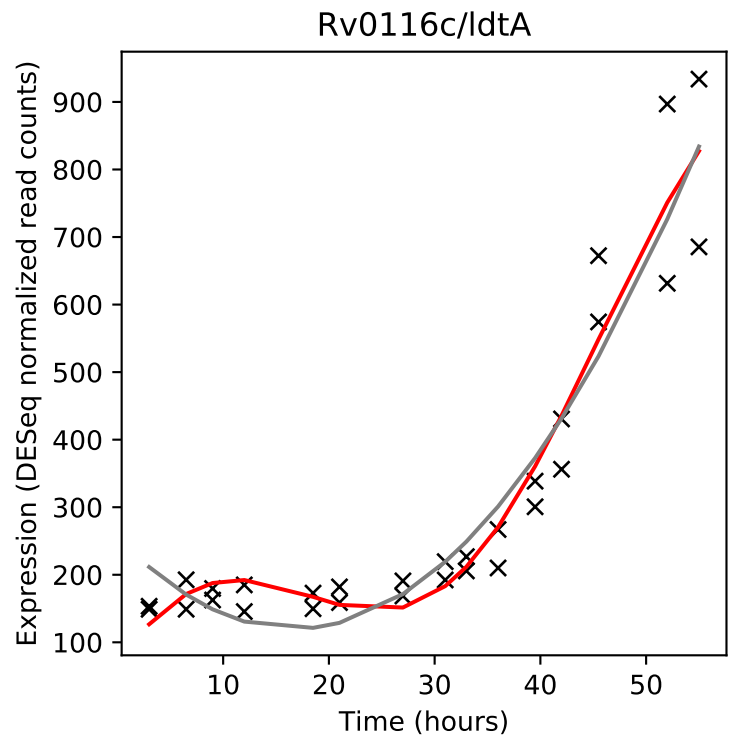

Rv0111/-
Expression (DESeq normalized read counts)
Time (hours)

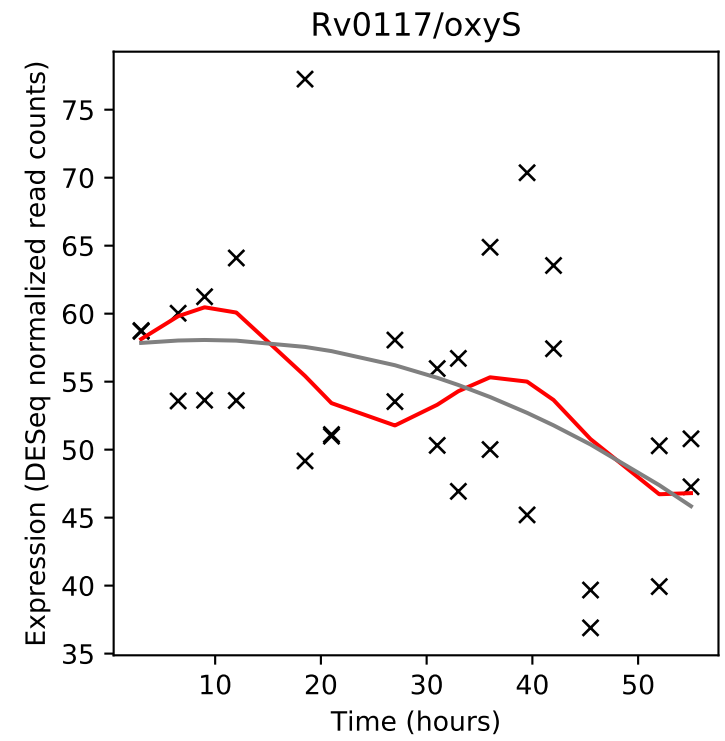

Rv0112/gca
Expression (DESeq normalized read counts)
Time (hours)

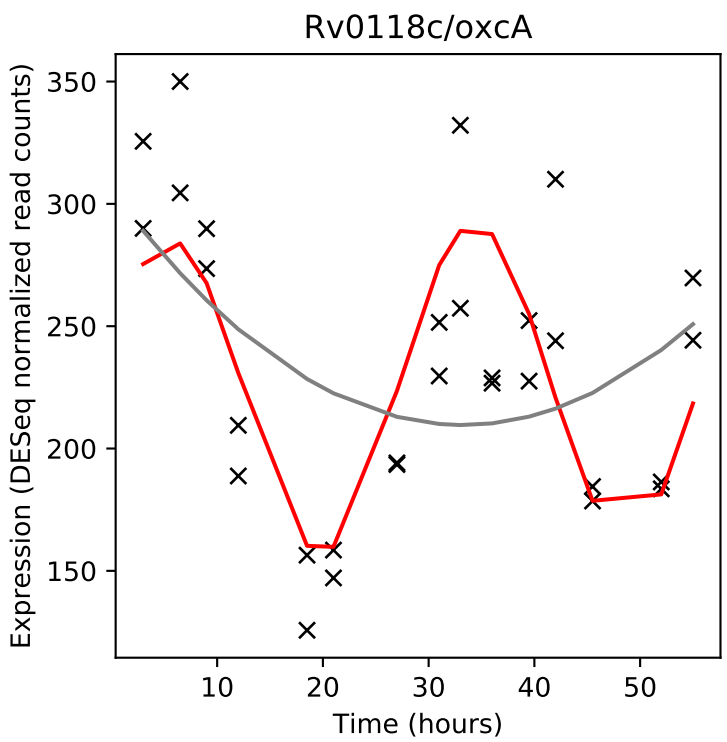

Rv0113/gmhA
Expression (DESeq normalized read counts)
Time (hours)

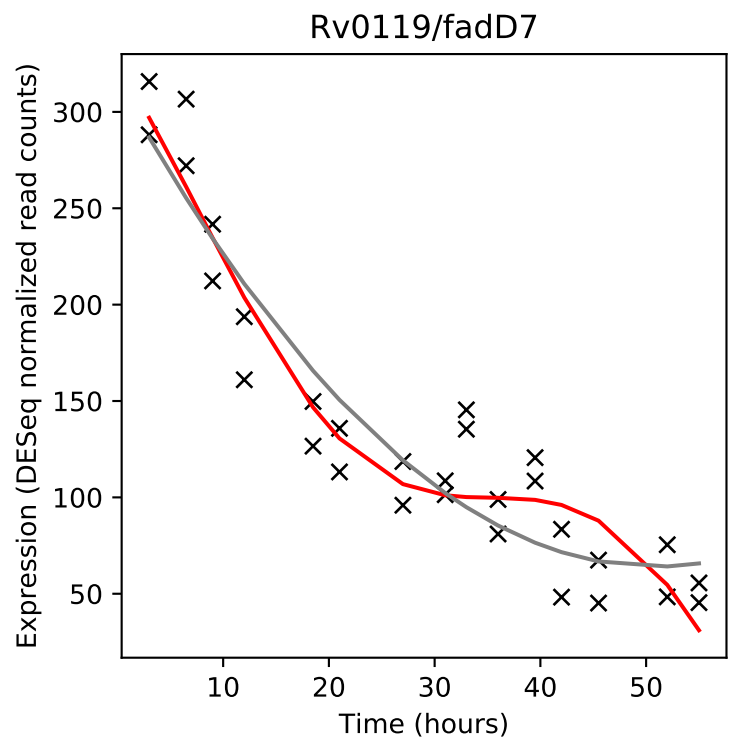

Rv0114/gmhB
Expression (DESeq normalized read counts)
Time (hours)

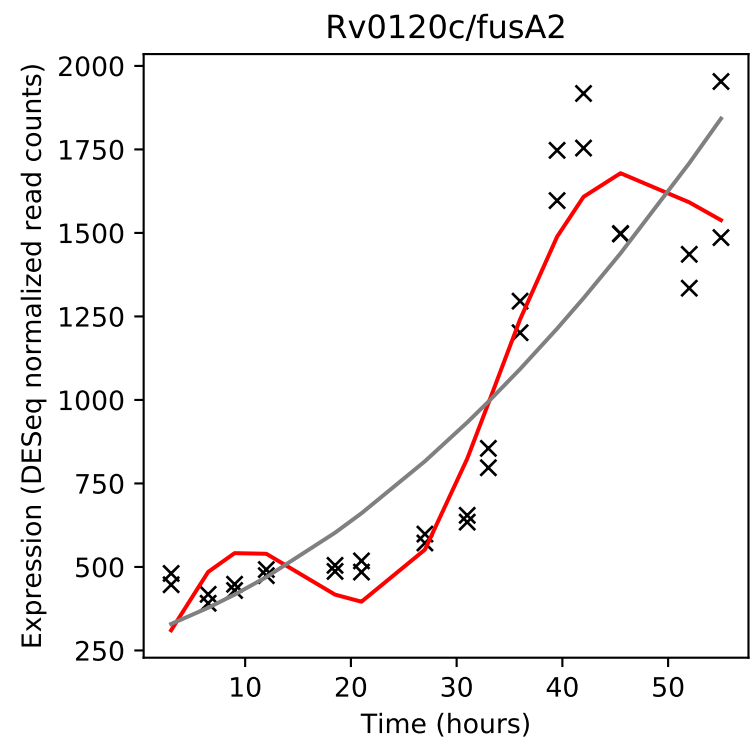

Rv0115/hddA
Expression (DESeq normalized read counts)
Time (hours)

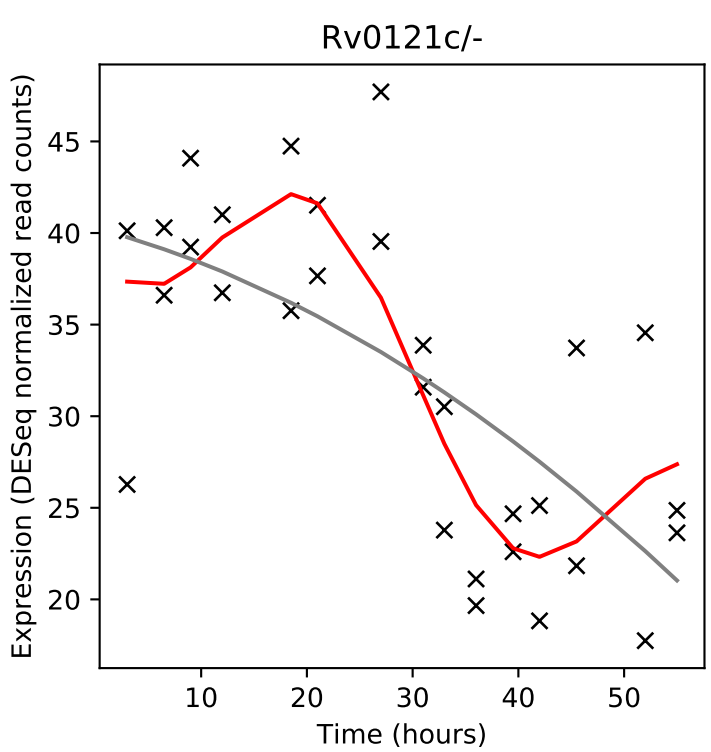

Rv0116c/ldtA
Expression (DESeq normalized read counts)
Time (hours)

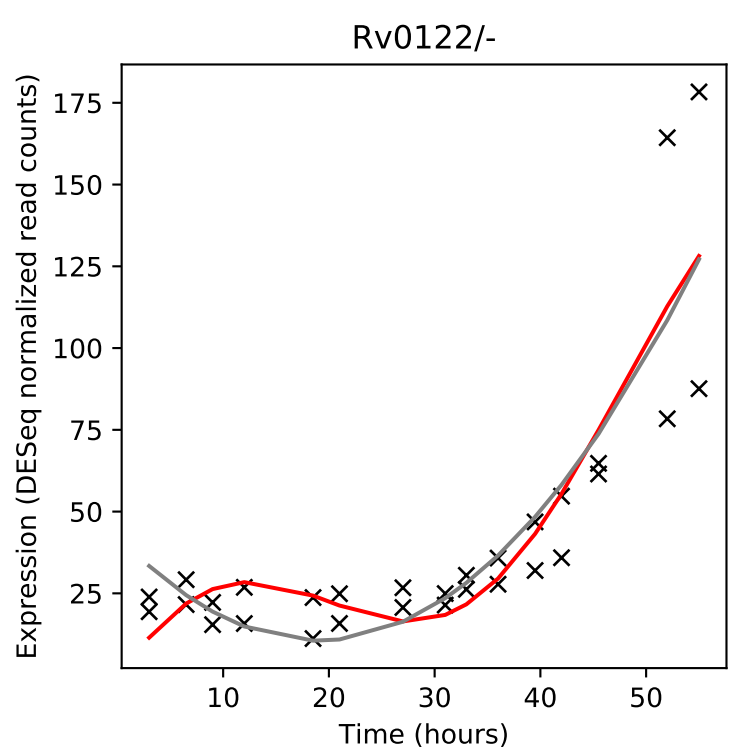

Rv0117/oxyS
Expression (DESeq normalized read counts)
Time (hours)

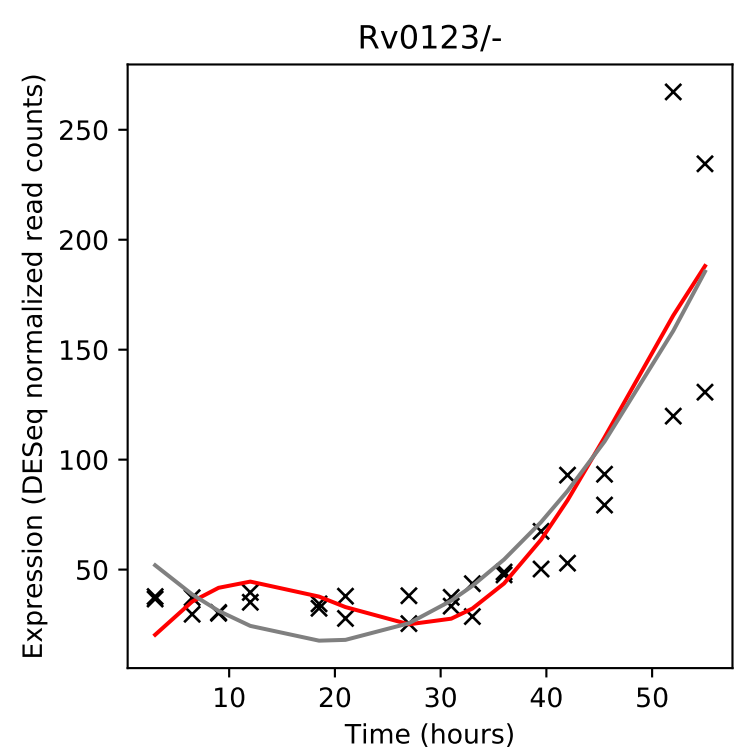

Rv0118c/oxcA
Expression (DESeq normalized read counts)
Time (hours)

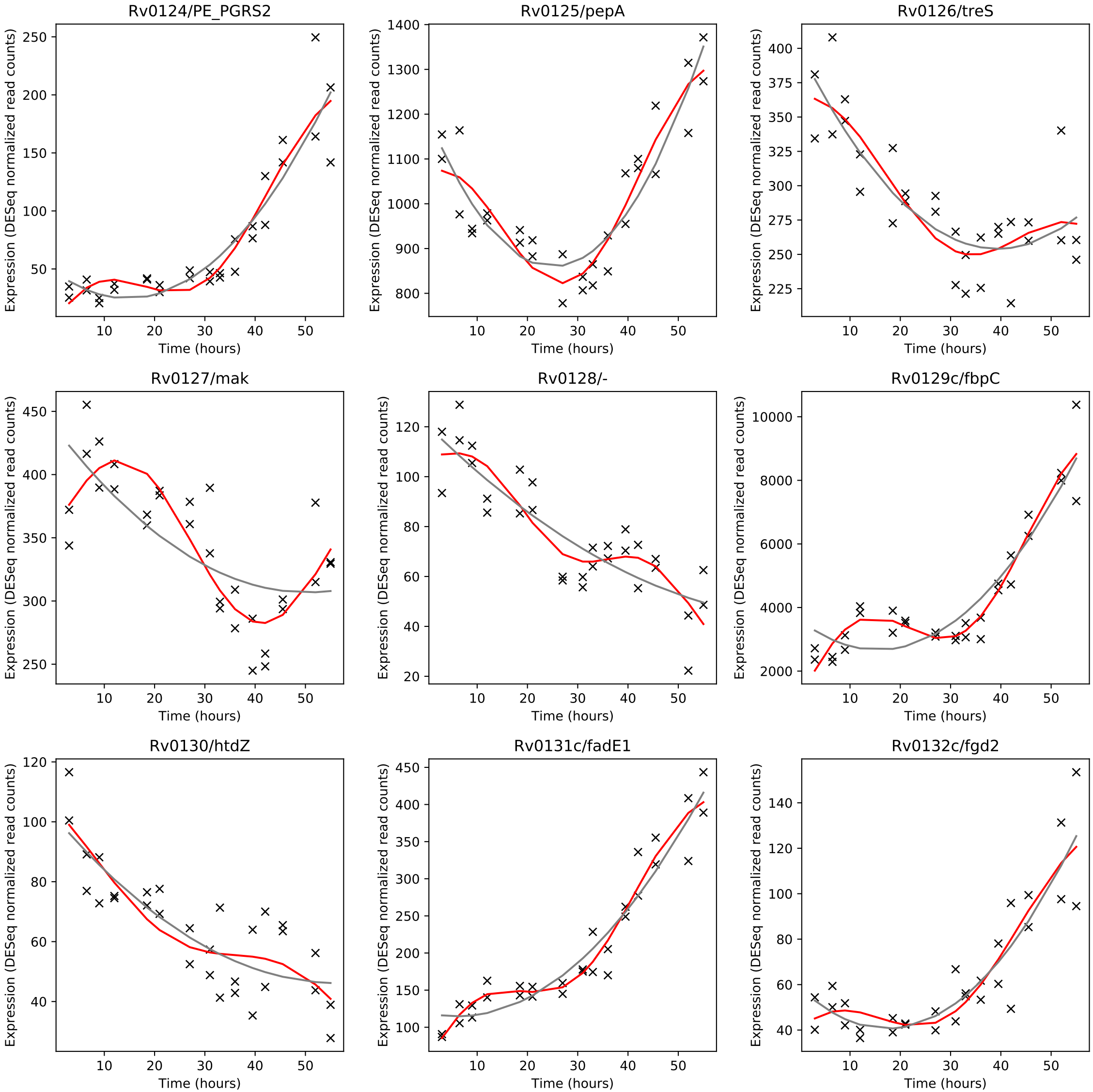

Rv0119/fadD7
Expression (DESeq normalized read counts)
Time (hours)

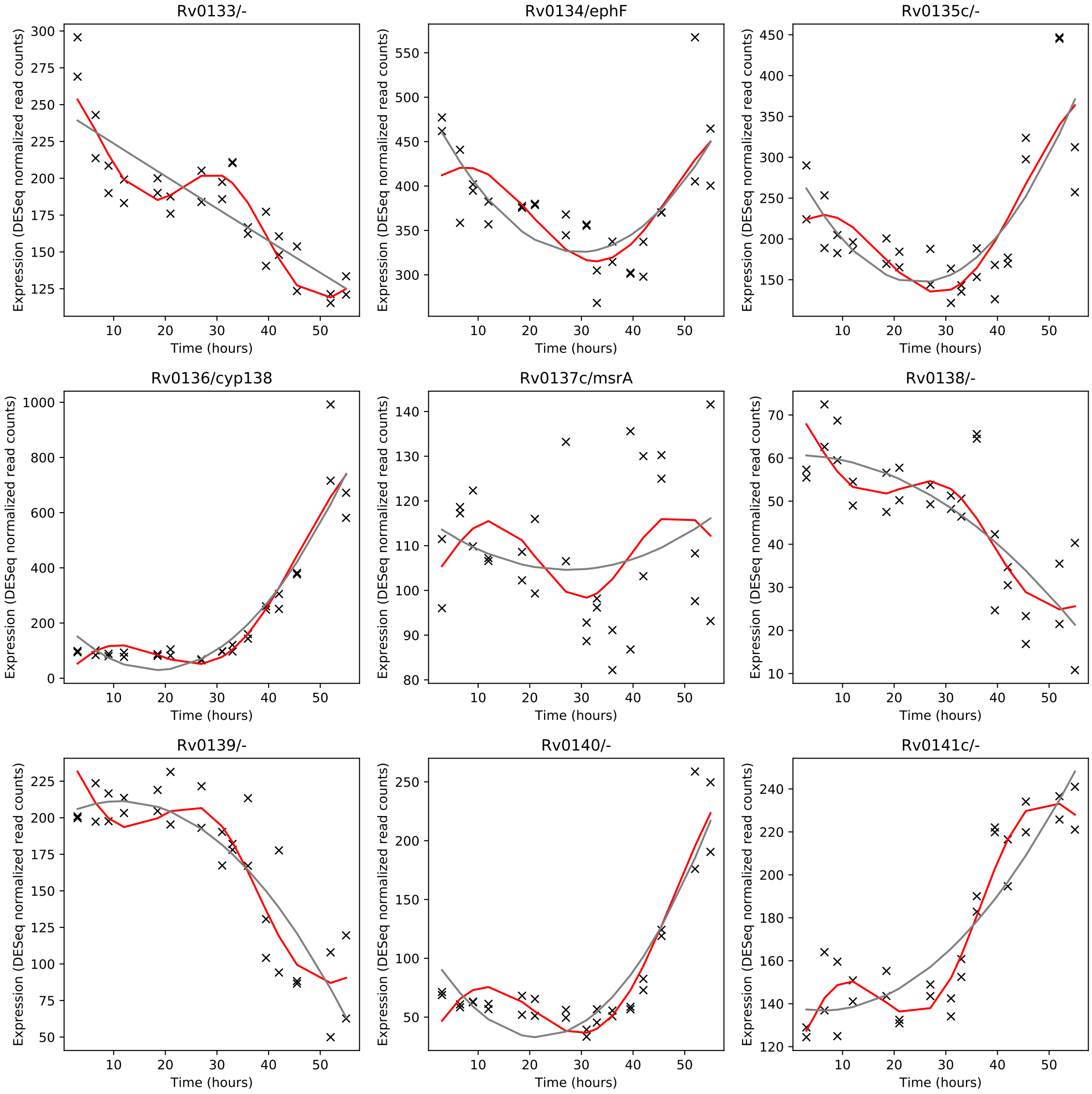

Rv0120c/fusA2
Expression (DESeq normalized read counts)
Time (hours)

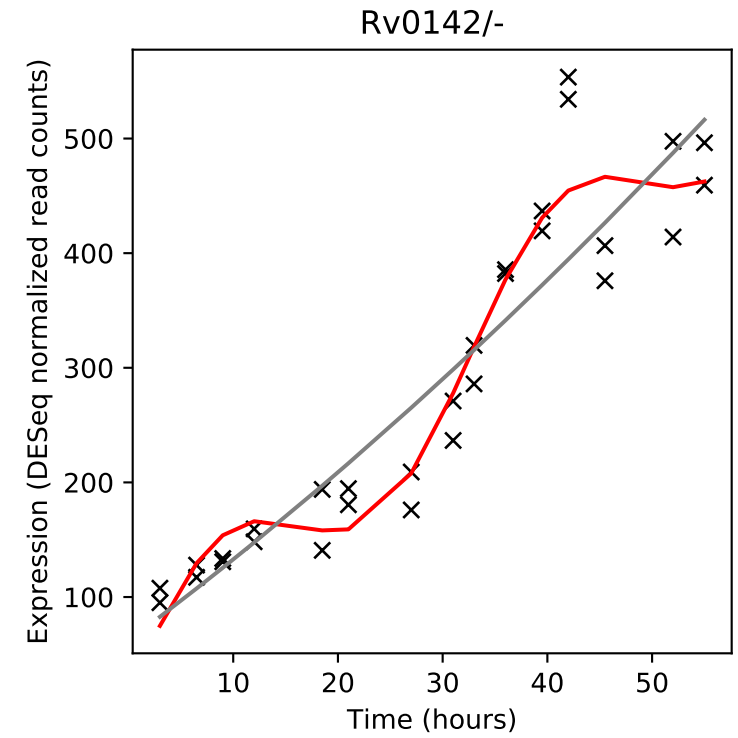

Rv0121c/-
Expression (DESeq normalized read counts)
Time (hours)

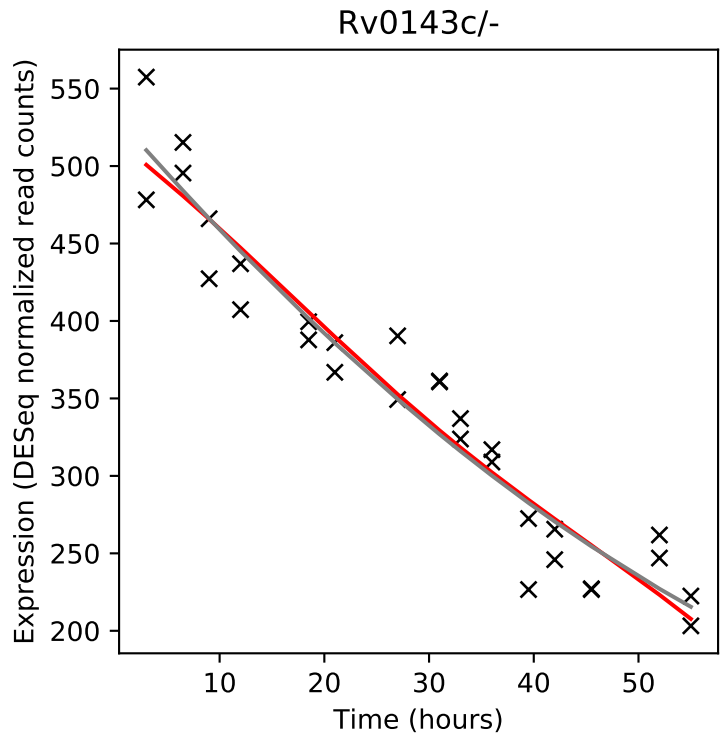

Rv0122/-
Expression (DESeq normalized read counts)
Time (hours)

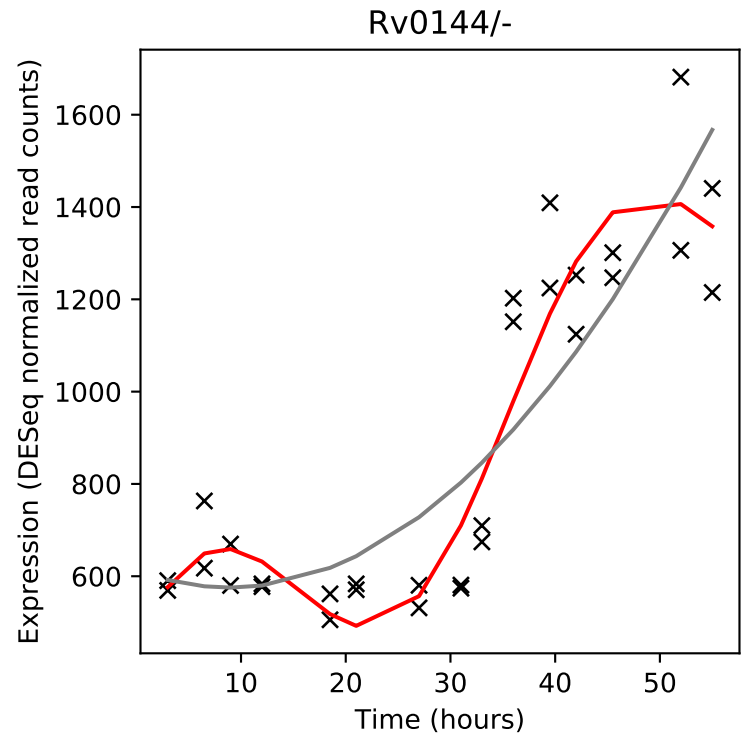

Rv0123/-
Expression (DESeq normalized read counts)
Time (hours)

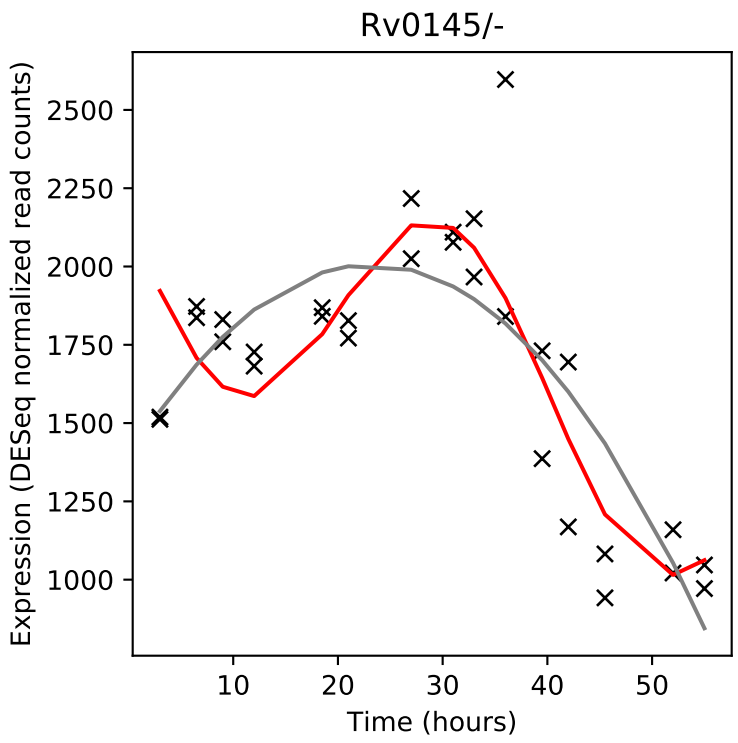

Rv0124/PE_PGRS2
Rv0125/pepA
Rv0126/treS
Rv0127/mak
Rv0128/-
Rv0129c/fbpC
Rv0130/htdZ
Rv0131c/fadE1
Rv0132c/fgd2
Expression (DESeq normalized read counts)
Time (hours)

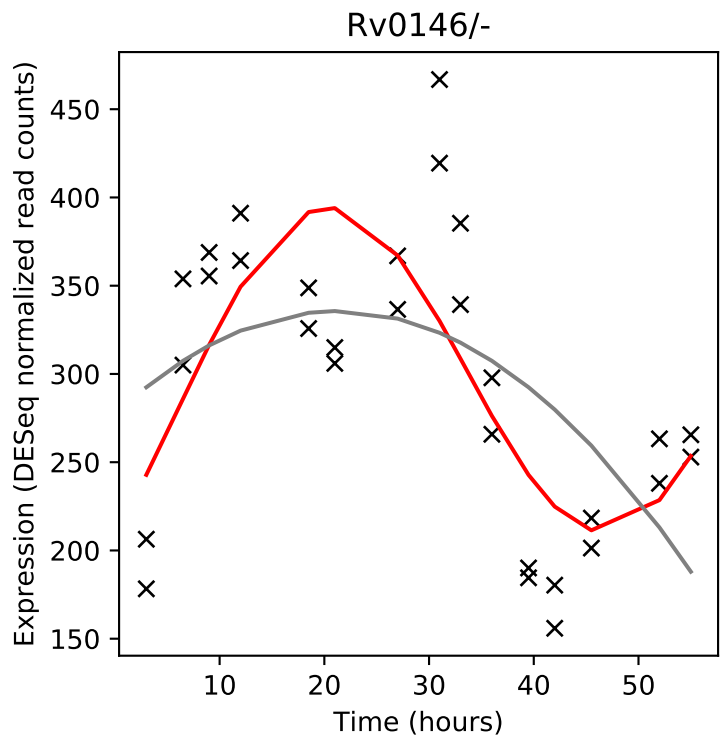

Rv0133/-
Rv0134/ephF
Rv0135c/-
Rv0136/cyp138
Rv0137c/msrA
Rv0138/-
Rv0139/-
Rv0140/-
Rv0141c/-
Expression (DESeq normalized read counts)
Time (hours)

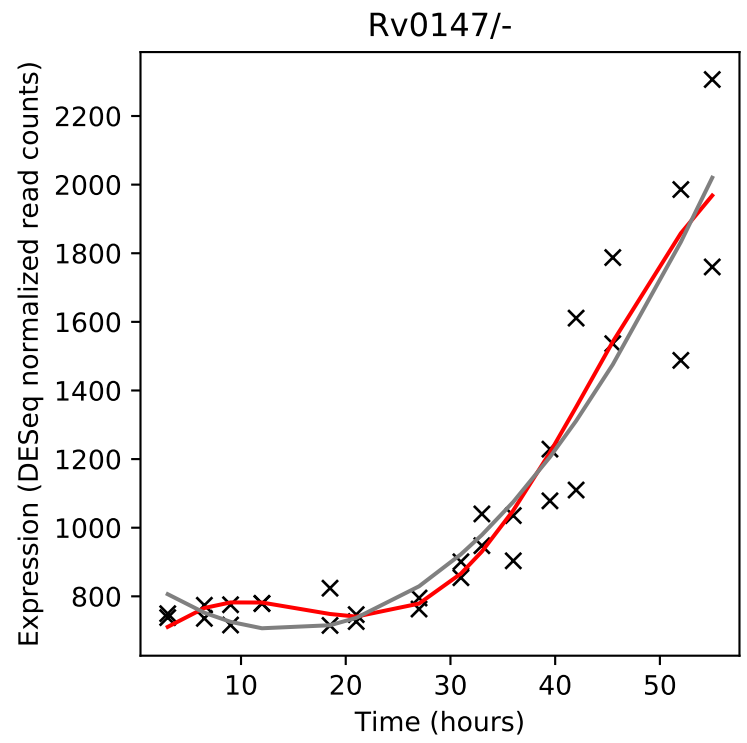

Rv0142/-
Expression (DESeq normalized read counts)
Time (hours)

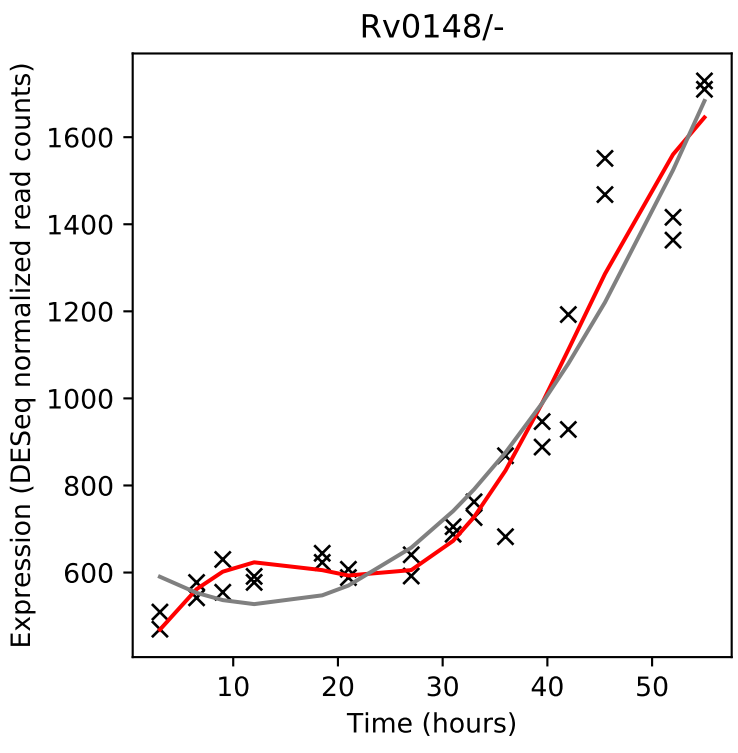

Rv0143c/-
Expression (DESeq normalized read counts)
Time (hours)

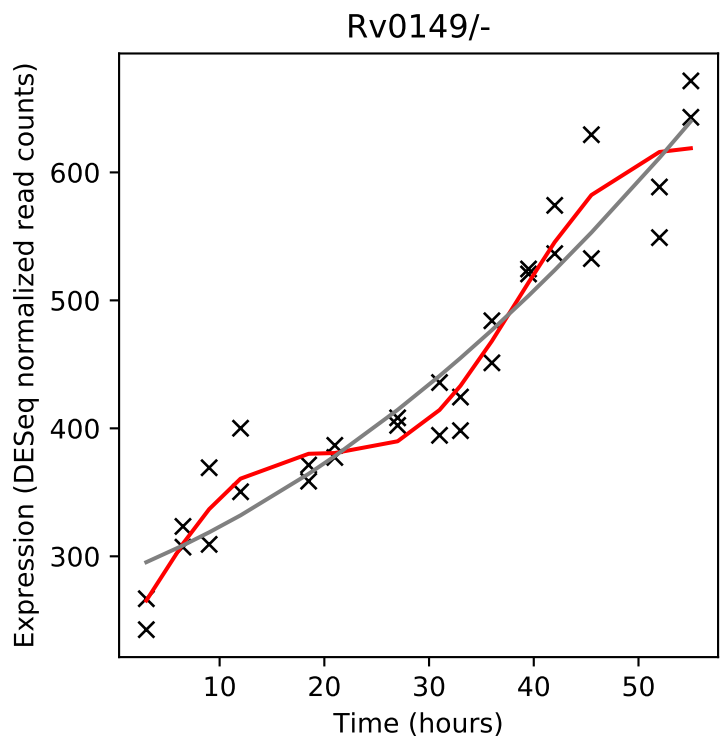

Rv0144/-
Expression (DESeq normalized read counts)
Time (hours)

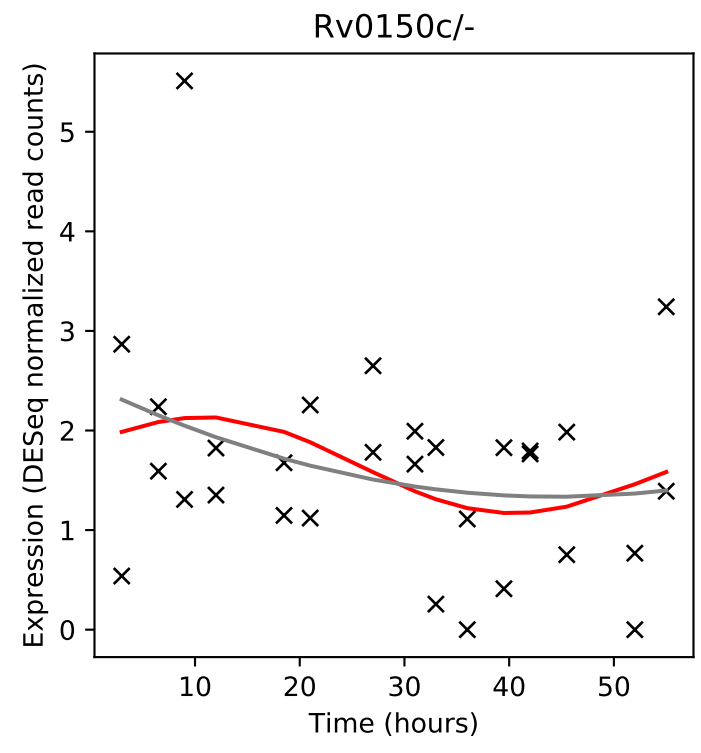

Rv0145/-
Expression (DESeq normalized read counts)
Time (hours)

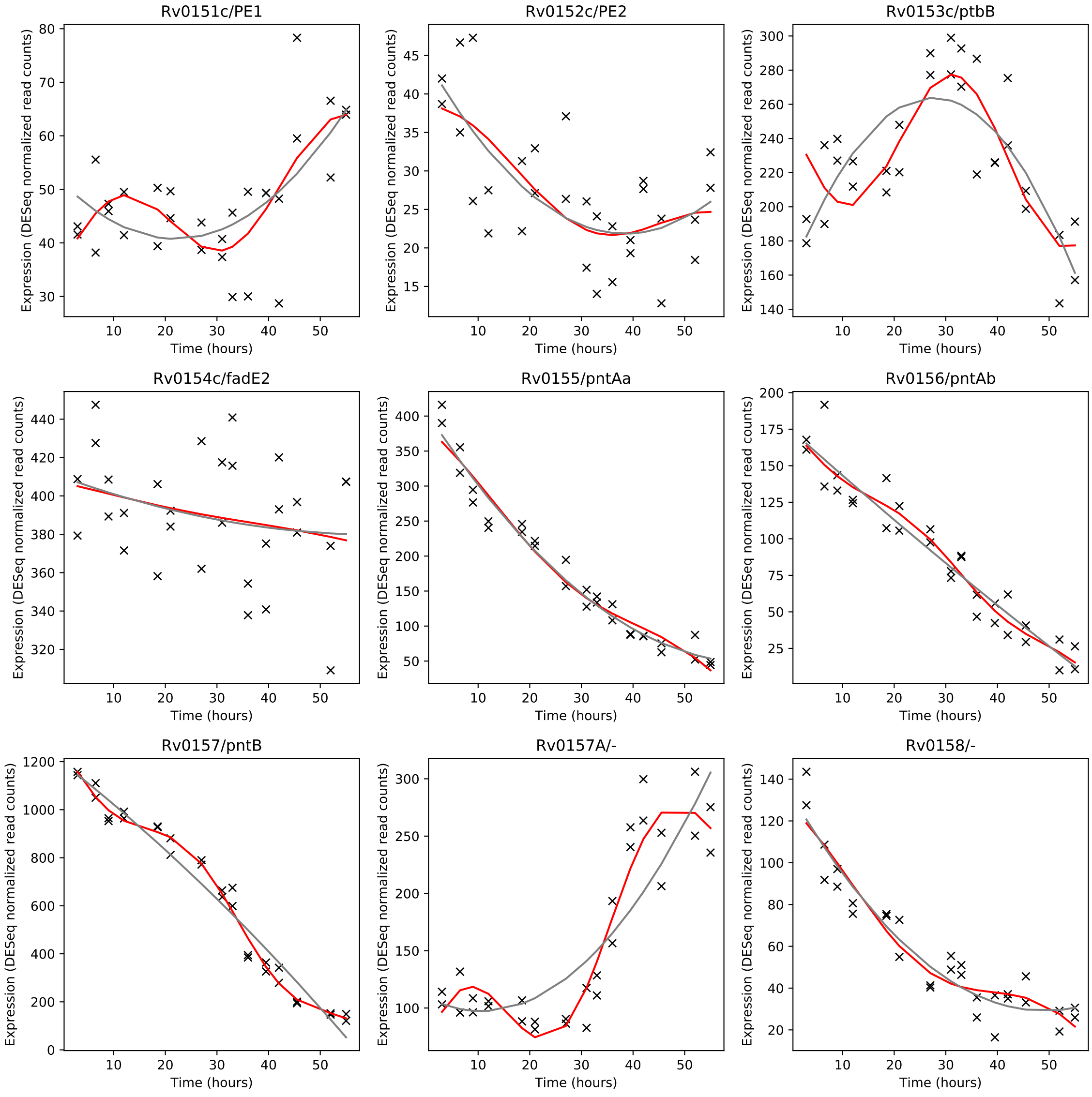

Rv0146/-
Expression (DESeq normalized read counts)
Time (hours)

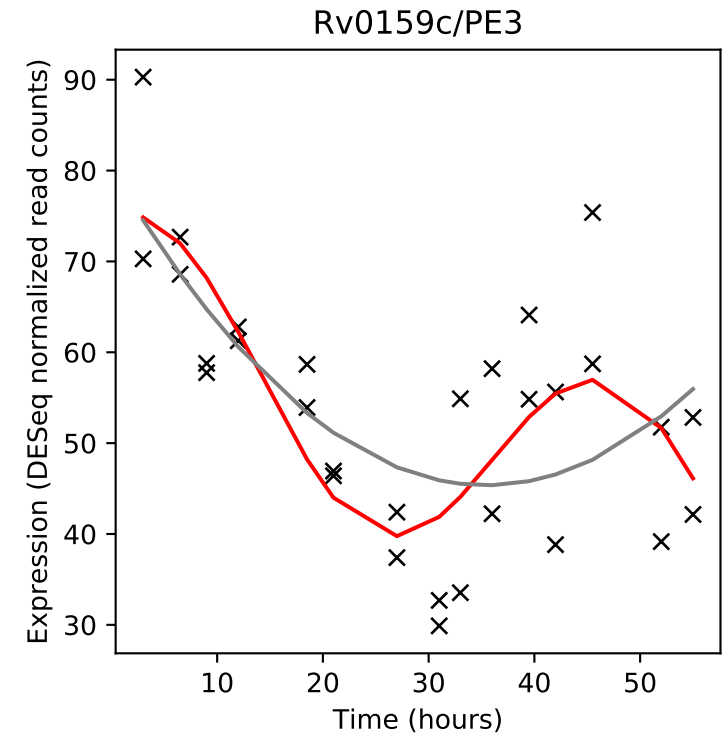

Rv0147/-
Expression (DESeq normalized read counts)
Time (hours)

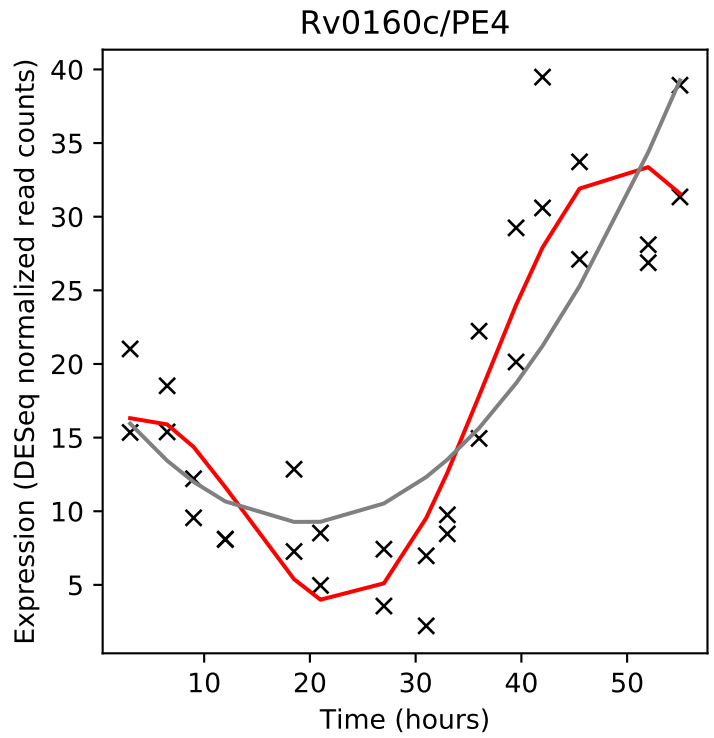

Rv0148/-
Expression (DESeq normalized read counts)
Time (hours)

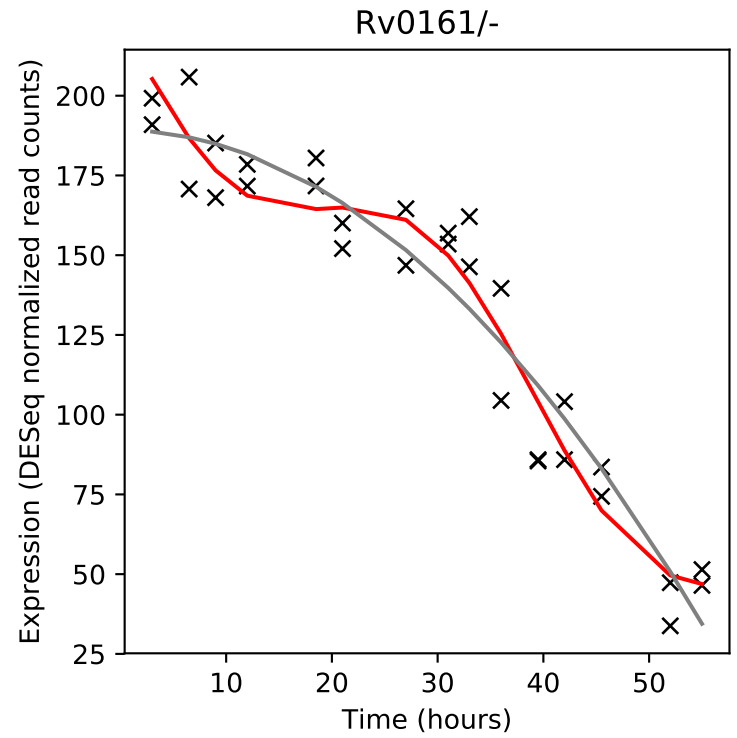

Rv0149/-
Expression (DESeq normalized read counts)
Time (hours)

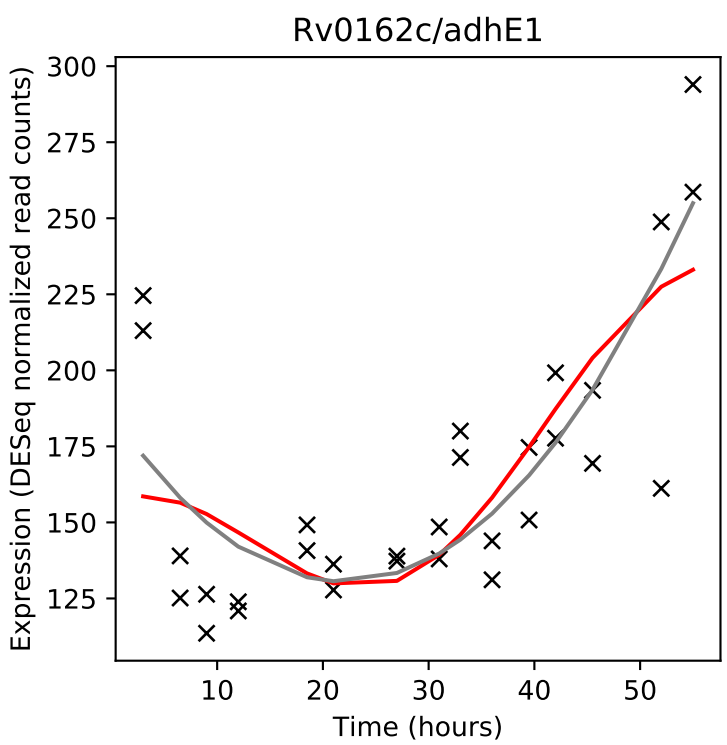

Rv0150c/-
Expression (DESeq normalized read counts)
Time (hours)

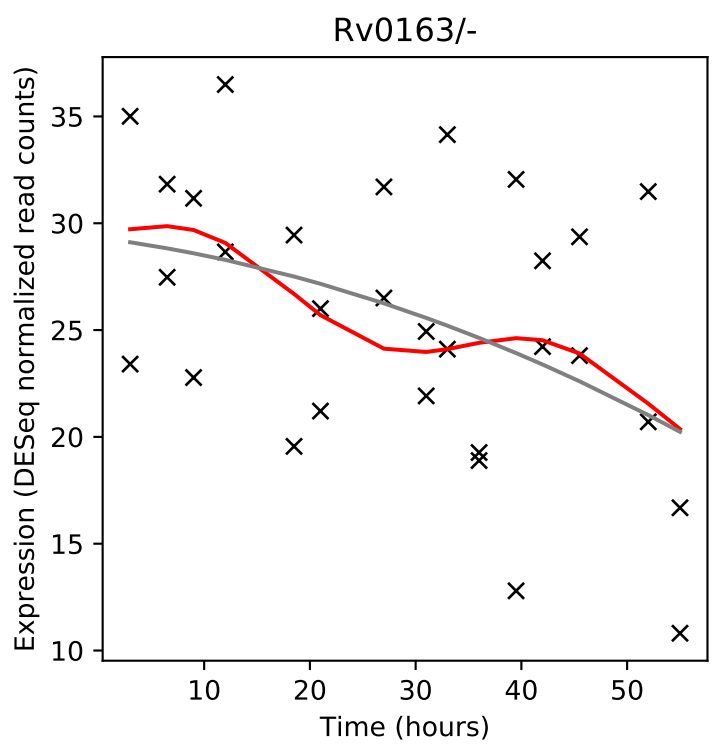

Rv0151c/PE1
Rv0152c/PE2
Rv0153c/ptbB
Rv0154c/fadE2
Rv0155/pntAa
Rv0156/pntAb
Rv0157/pntB
Rv0157A/-
Rv0158/-
Expression (DESeq normalized read counts)
Time (hours)

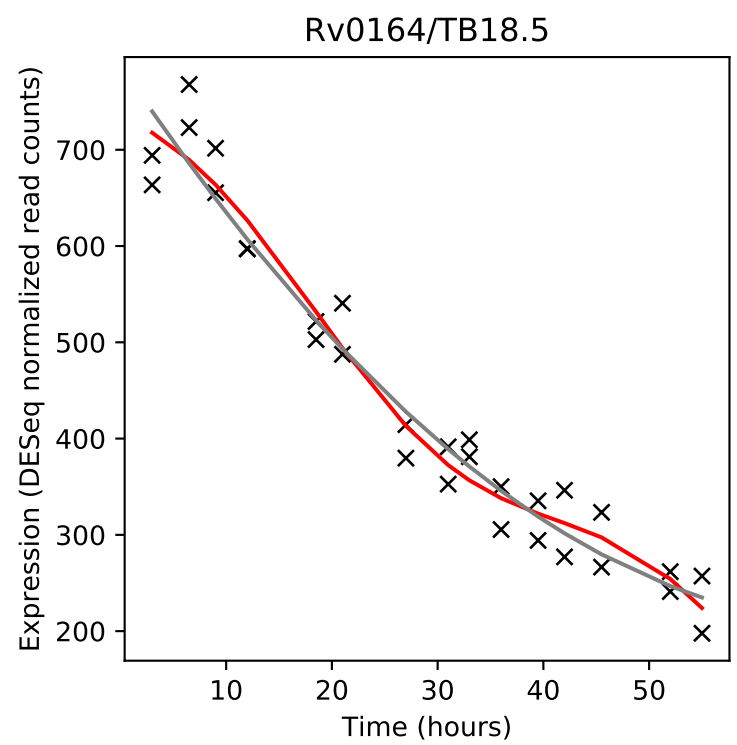

Rv0159c/PE3
Expression (DESeq normalized read counts)
Time (hours)

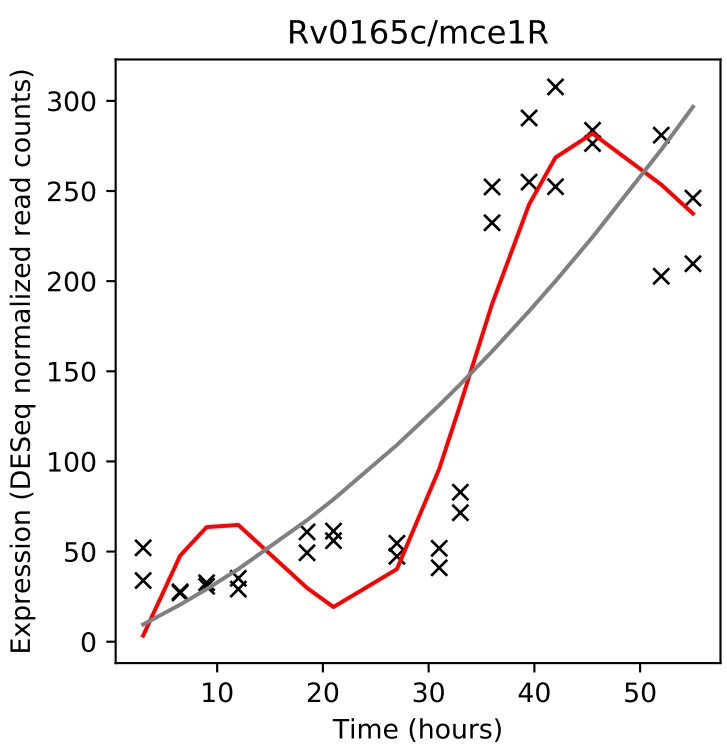

Rv0160c/PE4
Expression (DESeq normalized read counts)
Time (hours)

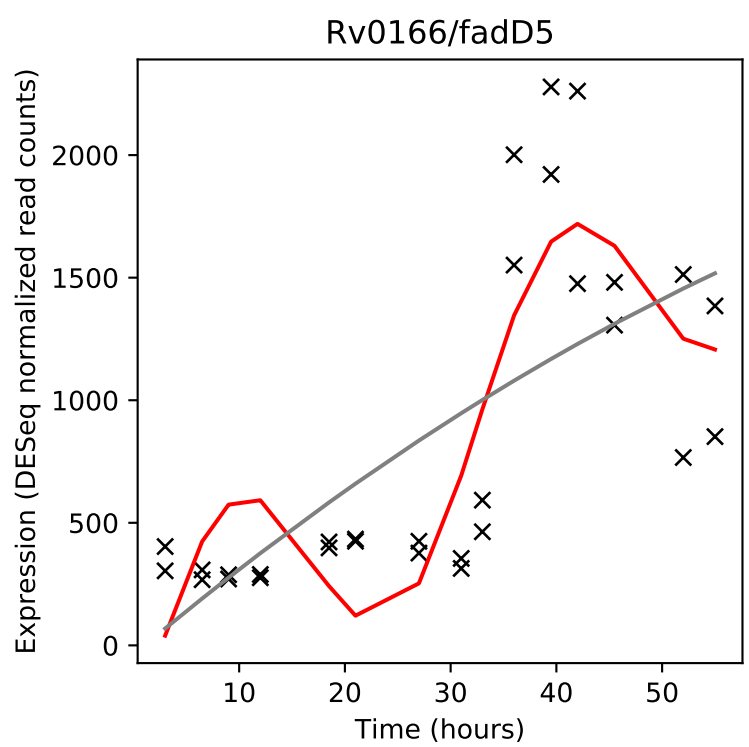

Rv0161/-
Expression (DESeq normalized read counts)
Time (hours)

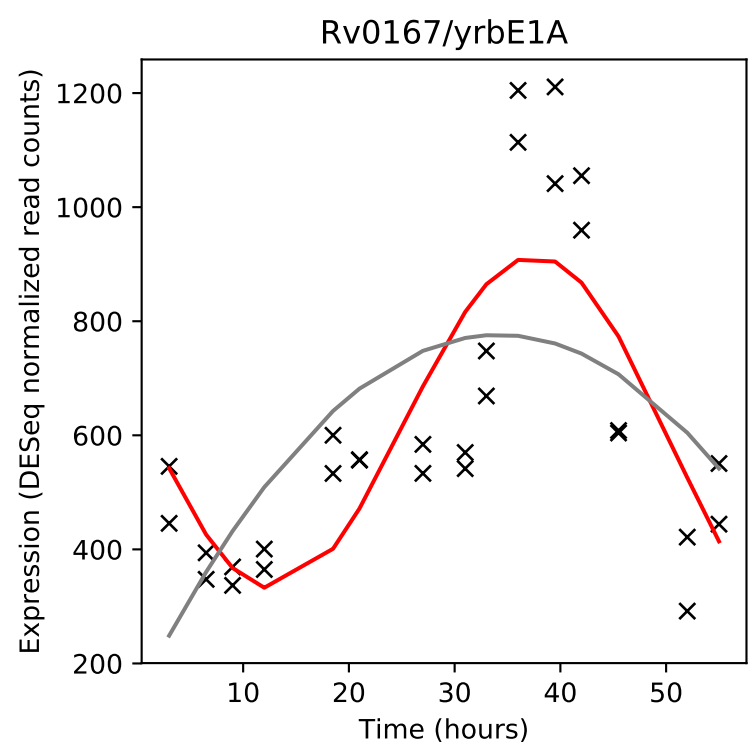

Rv0162c/adhE1
Expression (DESeq normalized read counts)
Time (hours)

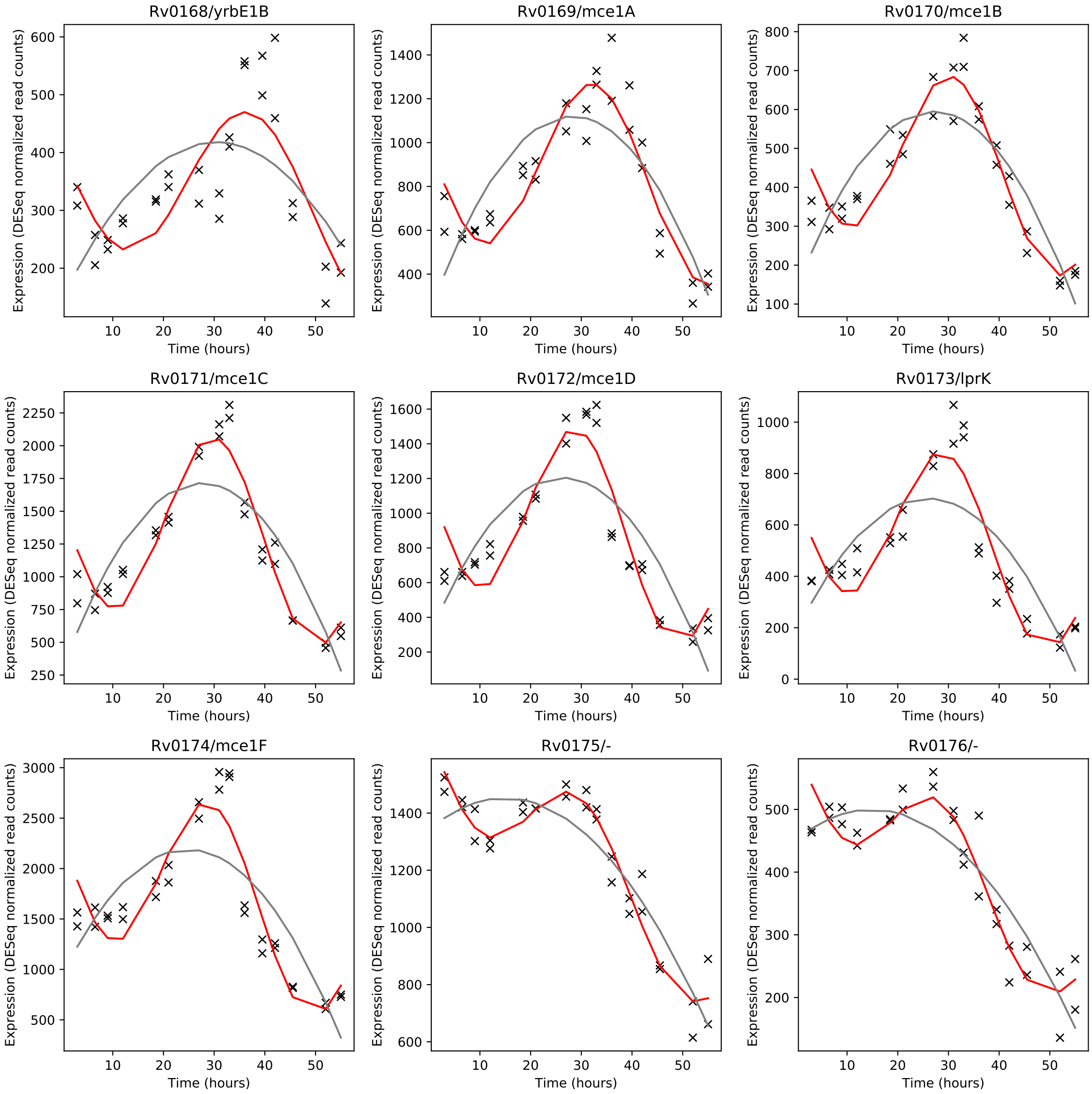

Rv0163/-
Expression (DESeq normalized read counts)
Time (hours)

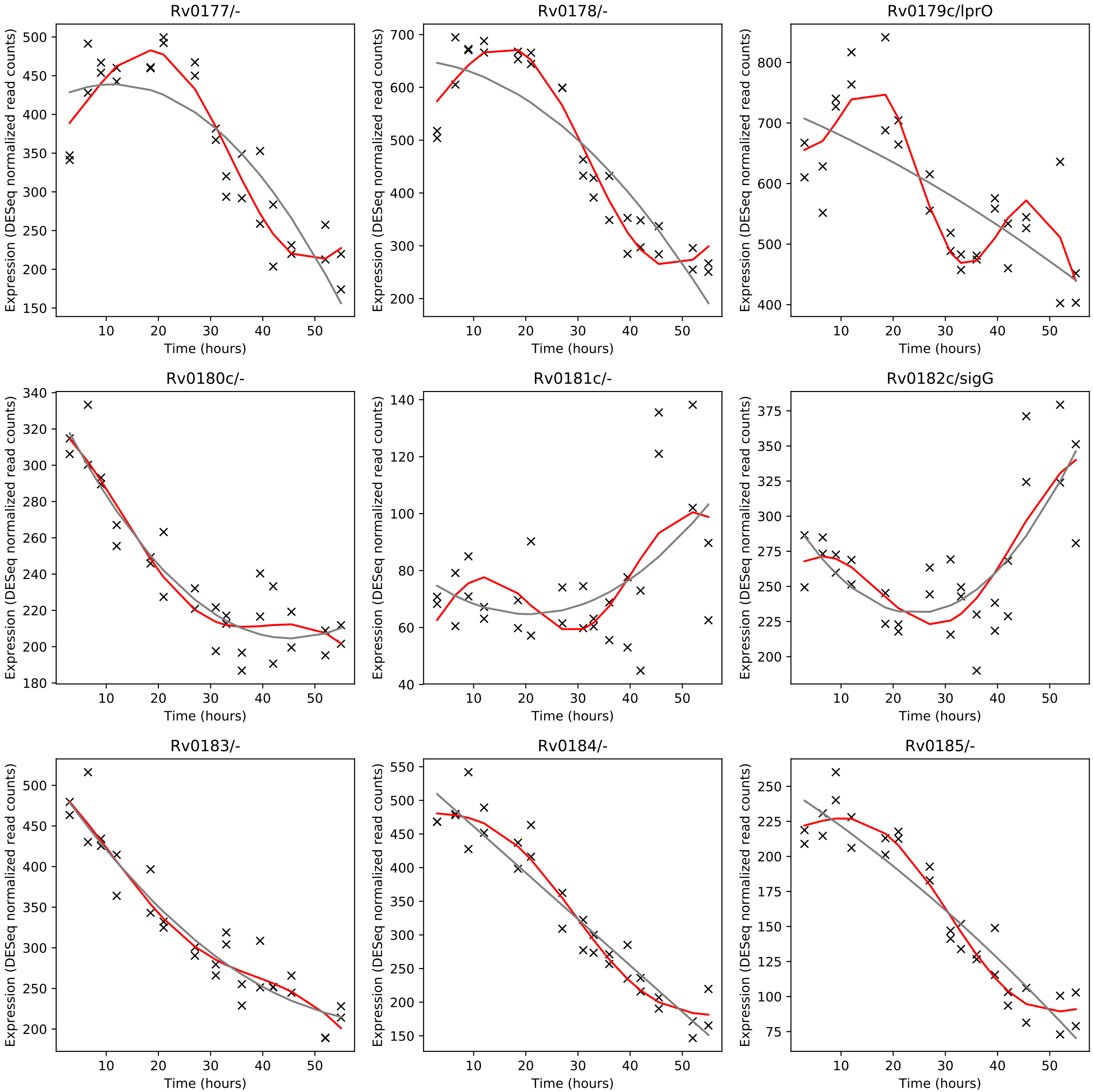

Rv0164/TB18.5
Expression (DESeq normalized read counts)
Time (hours)

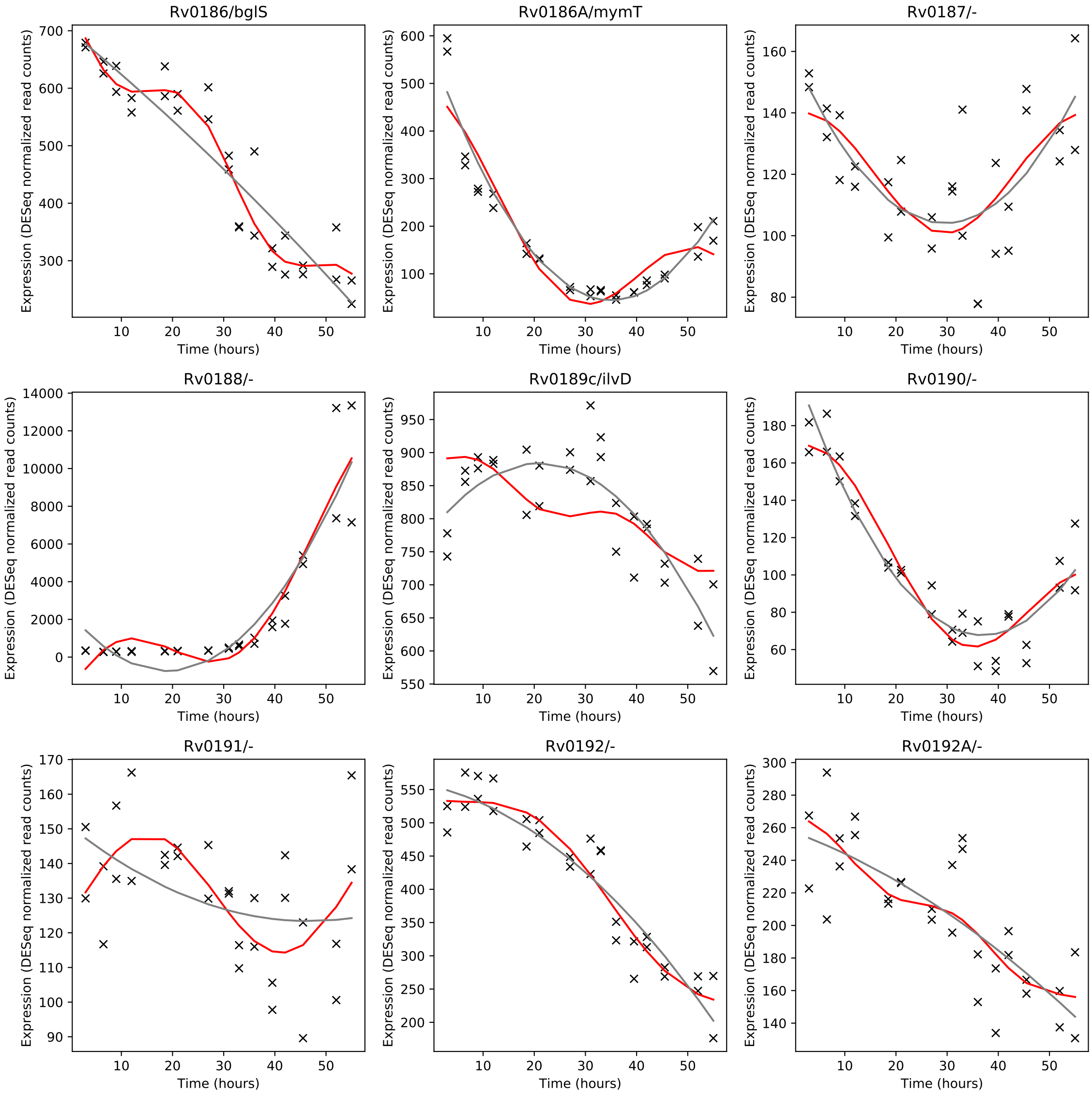

Rv0165c/mce1R
Expression (DESeq normalized read counts)
Time (hours)

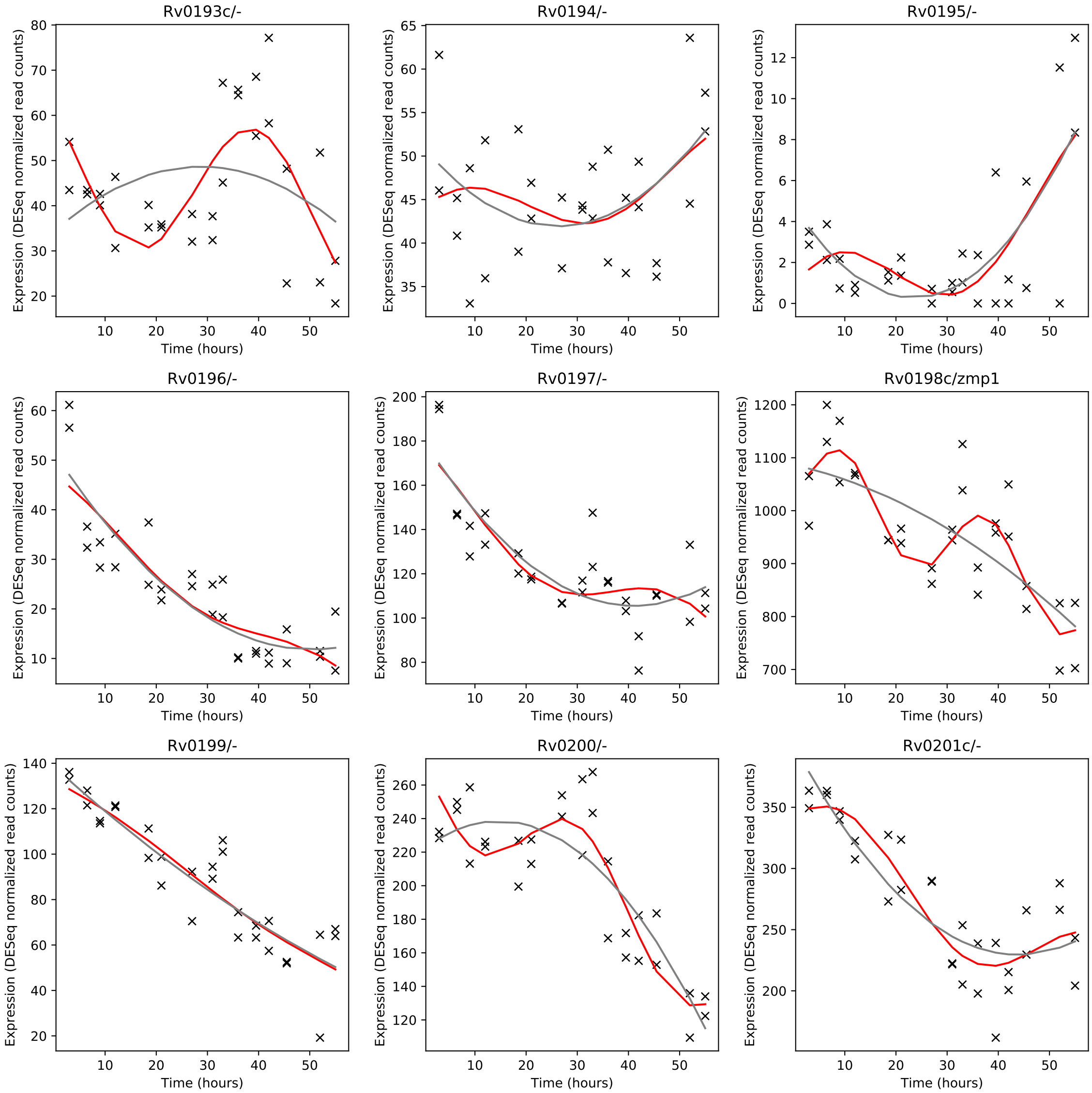

Rv0166/fadD5
Expression (DESeq normalized read counts)
Time (hours)

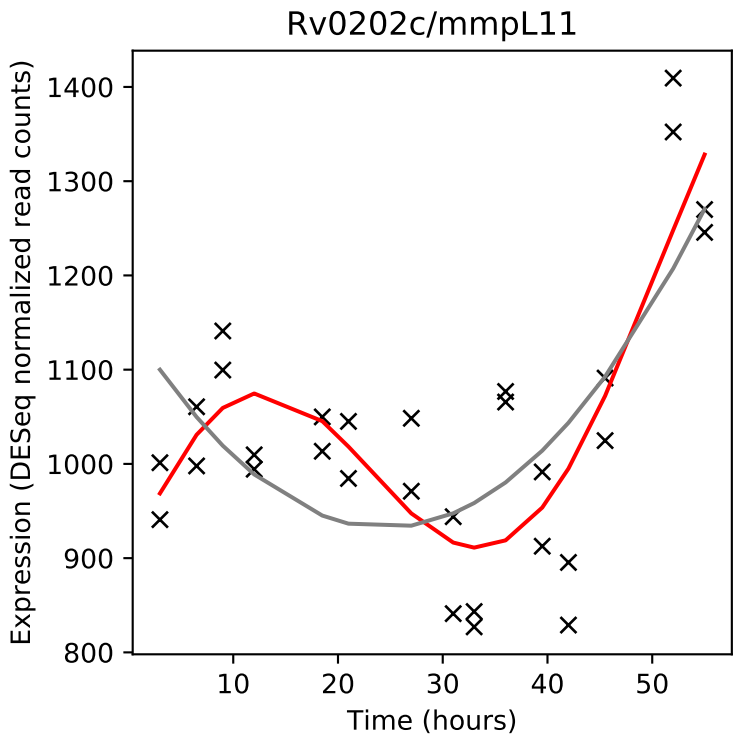

Rv0167/yrbE1A
Expression (DESeq normalized read counts)
Time (hours)

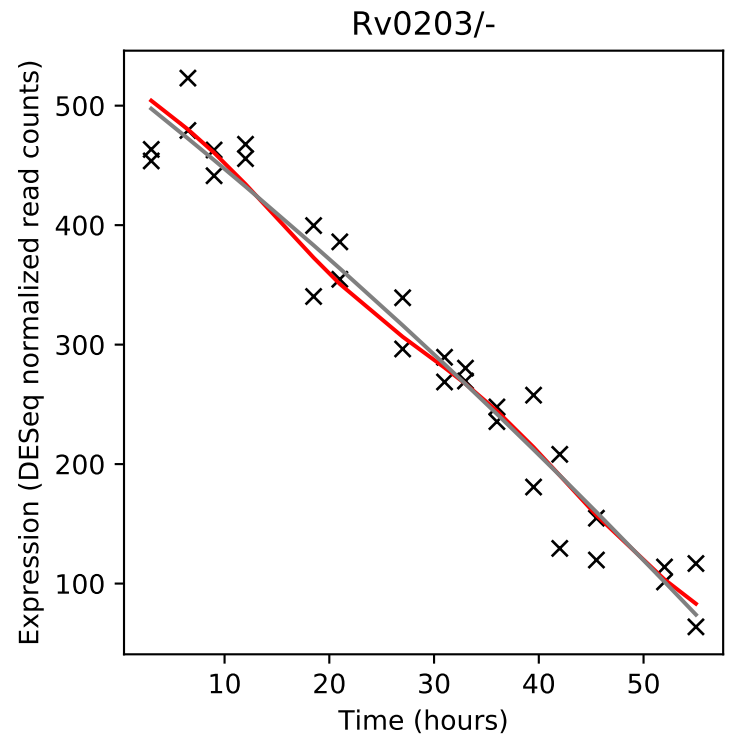

Rv0168/yrbE1B
Rv0169/mce1A
Rv0170/mce1B
Rv0171/mce1C
Rv0172/mce1D
Rv0173/lprK
Rv0174/mce1F
Rv0175/-
Rv0176/-
Expression (DESeq normalized read counts)
Time (hours)

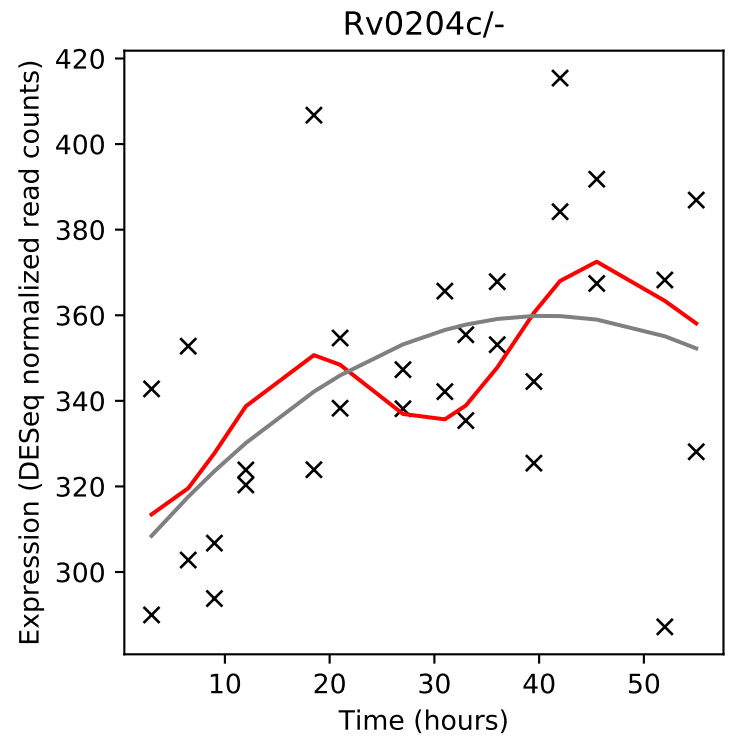

Rv0177/-
Rv0178/-
Rv0179c/lprO
Rv0180c/-
Rv0181c/-
Rv0182c/sigG
Rv0183/-
Rv0184/-
Rv0185/-
Expression (DESeq normalized read counts)
Time (hours)

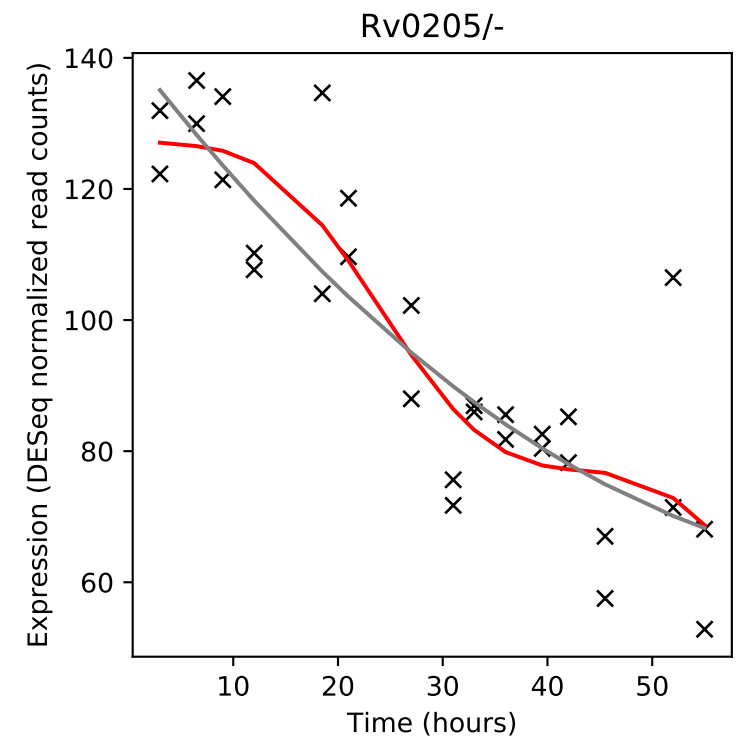

Rv0186/bglS
Rv0186A/mymT
Rv0187/-
Rv0188/-
Rv0189c/ilvD
Rv0190/-
Rv0191/-
Rv0192/-
Rv0192A/-
Expression (DESeq normalized read counts)
Time (hours)

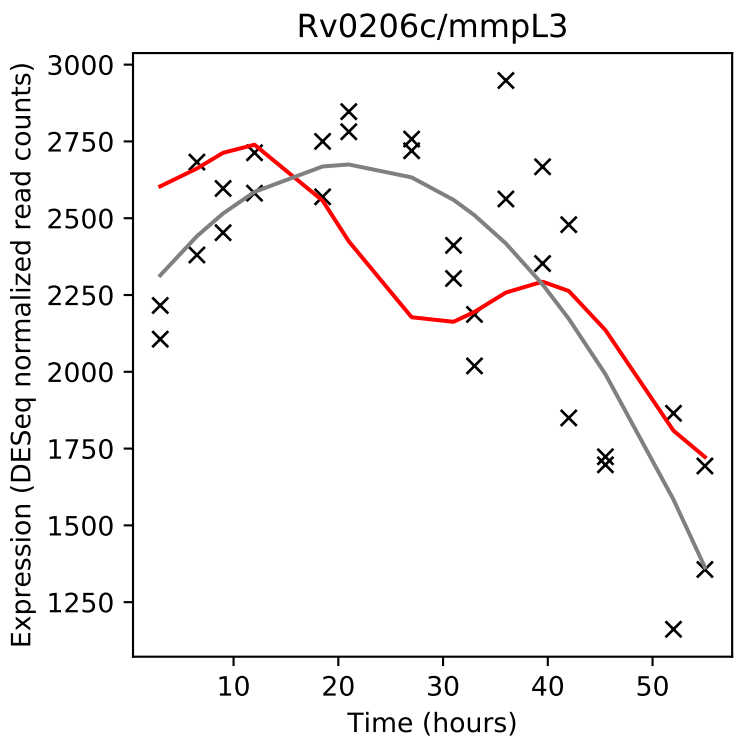

Rv0193c/-
Rv0194/-
Rv0195/-
Rv0196/-
Rv0197/-
Rv0198c/zmp1
Rv0199/-
Rv0200/-
Rv0201c/-
Expression (DESeq normalized read counts)
Time (hours)

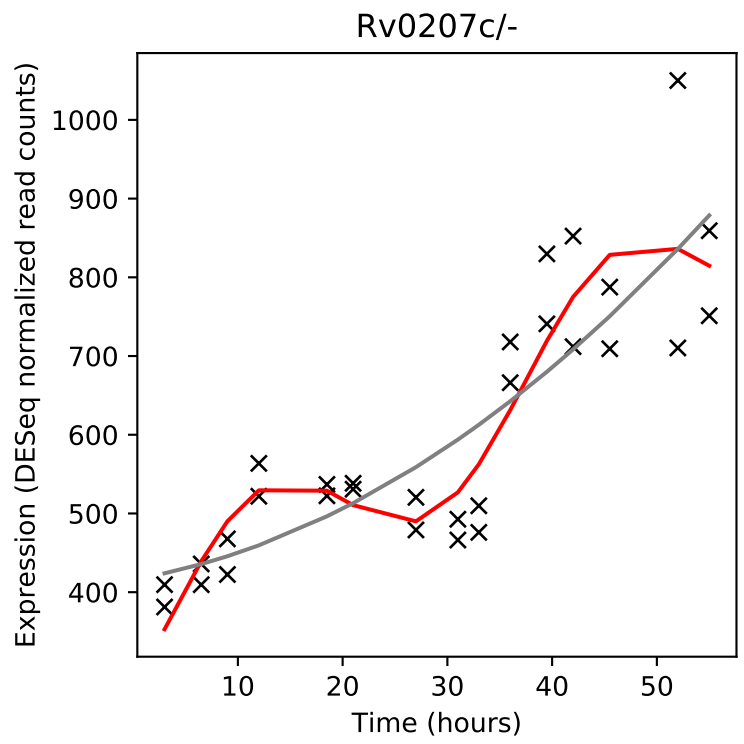

Rv0202c/mmpL11
Expression (DESeq normalized read counts)
Time (hours)

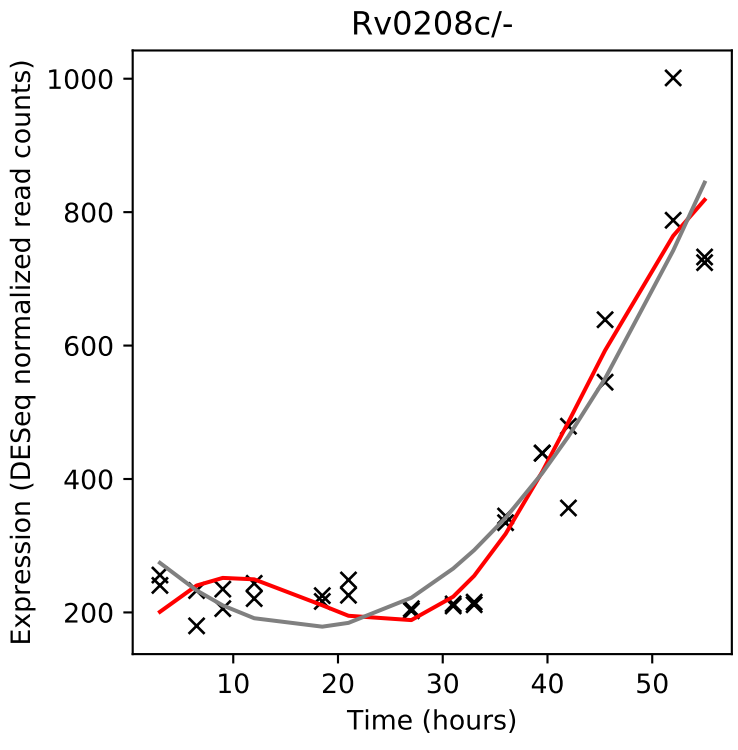

Rv0203/-
Expression (DESeq normalized read counts)
Time (hours)

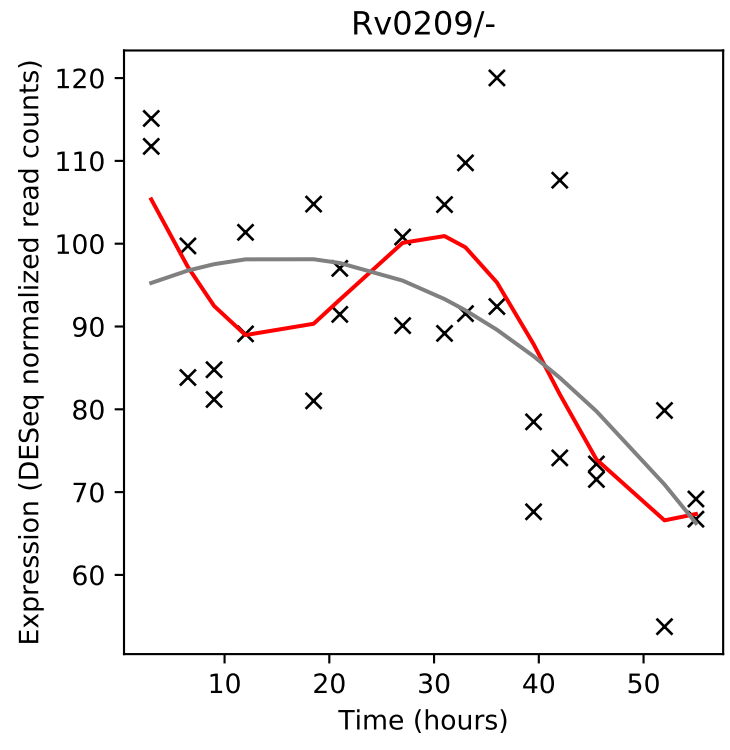

Rv0204c/-
Expression (DESeq normalized read counts)
Time (hours)

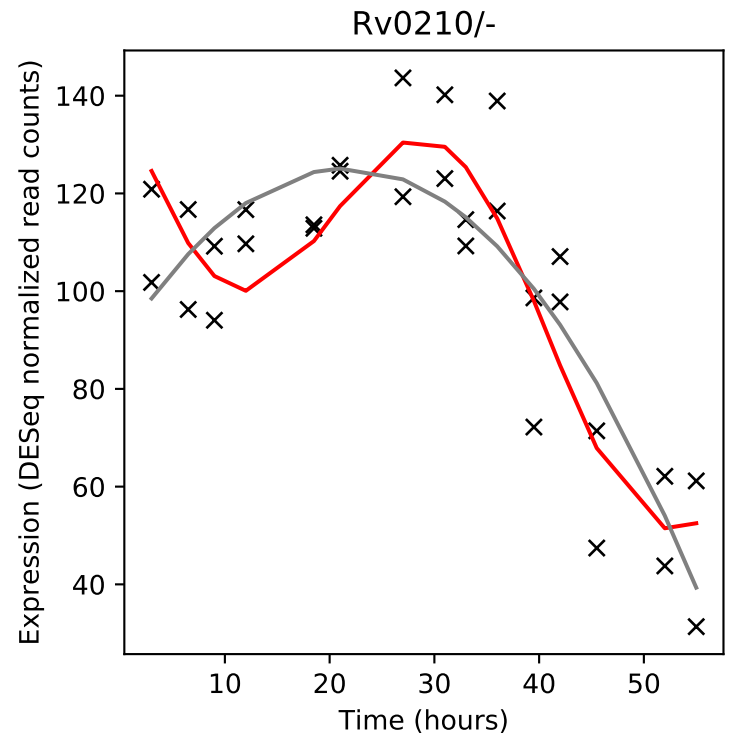

Rv0205/-
Expression (DESeq normalized read counts)
Time (hours)

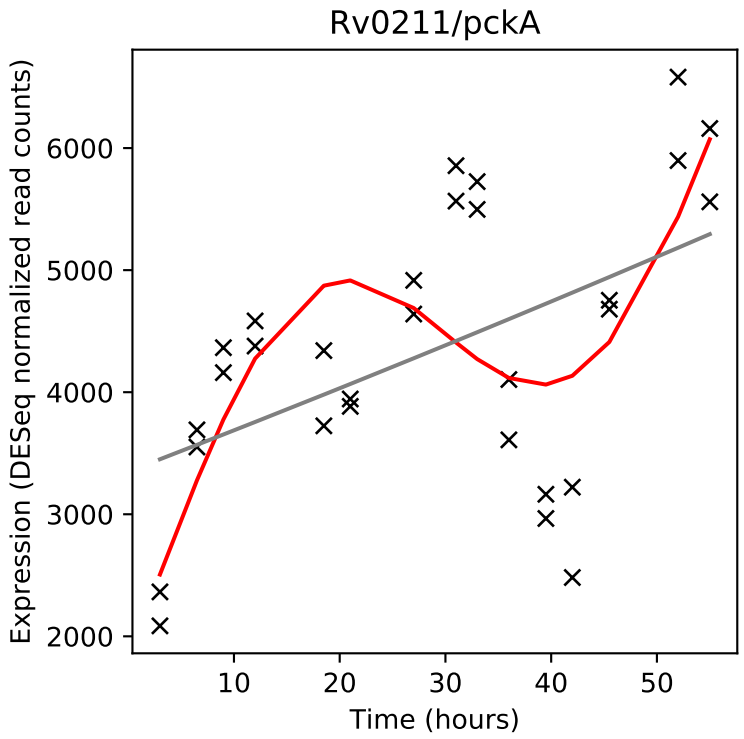

Rv0206c/mmpL3
Expression (DESeq normalized read counts)
Time (hours)

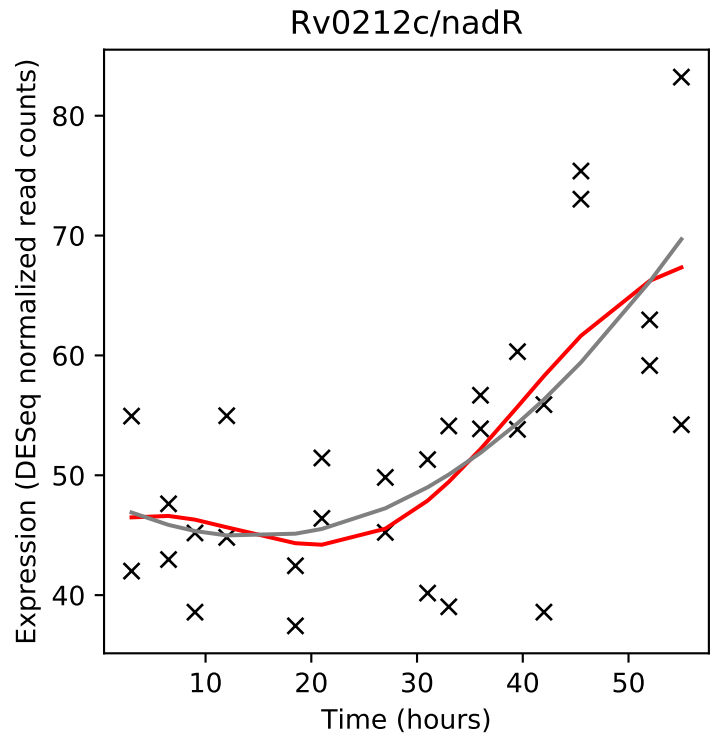

Rv0207c/-
Expression (DESeq normalized read counts)
Time (hours)

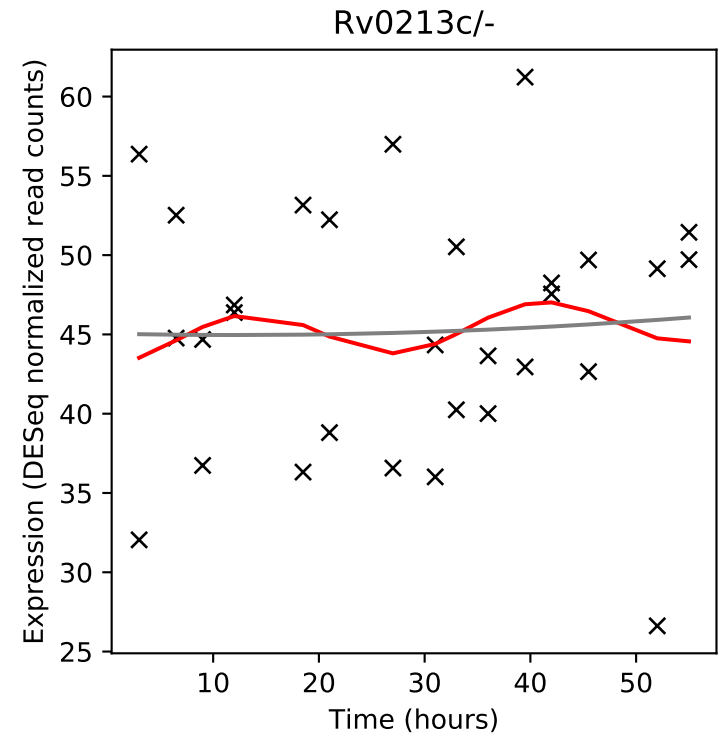

Rv0208c/-
Expression (DESeq normalized read counts)
Time (hours)

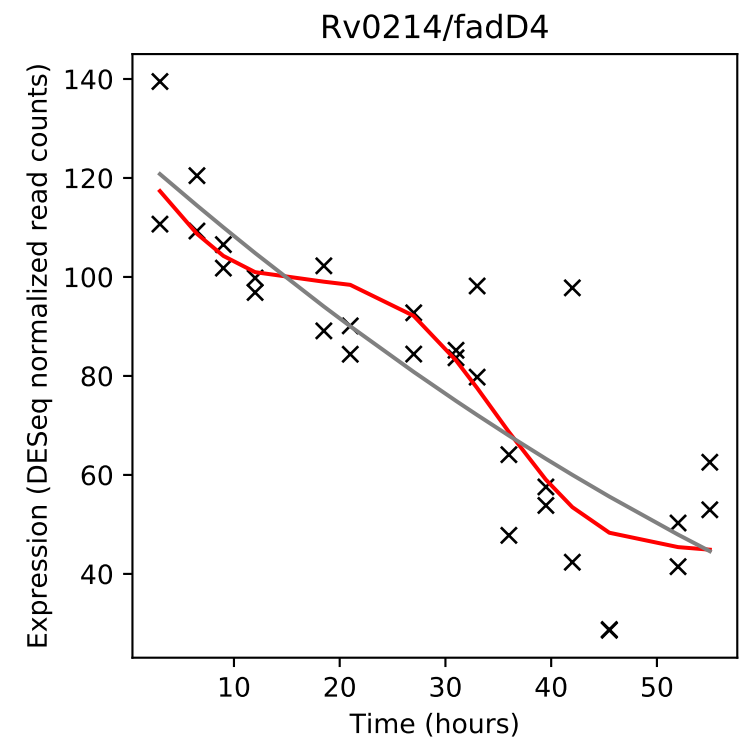

Rv0209/-
Expression (DESeq normalized read counts)
Time (hours)

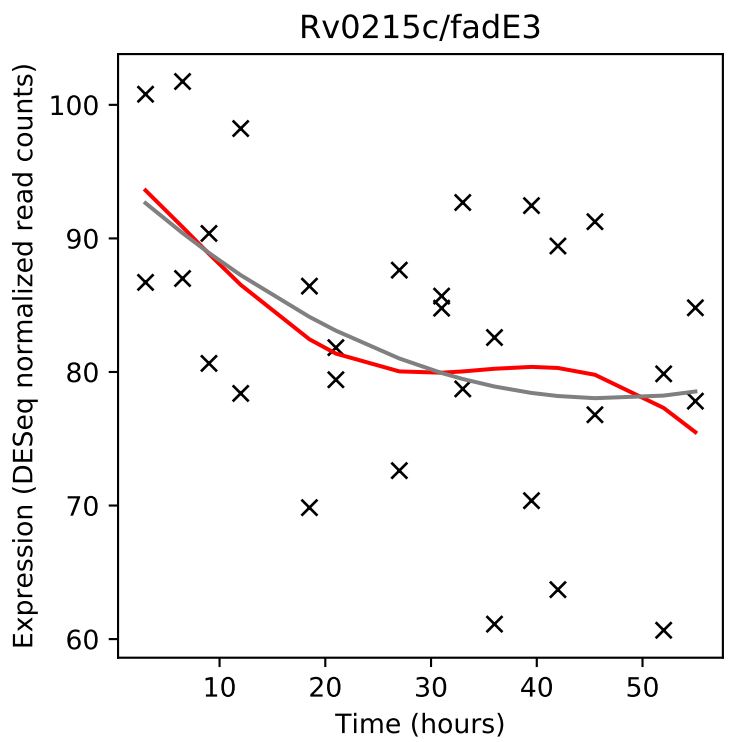

Rv0210/-
Expression (DESeq normalized read counts)
Time (hours)

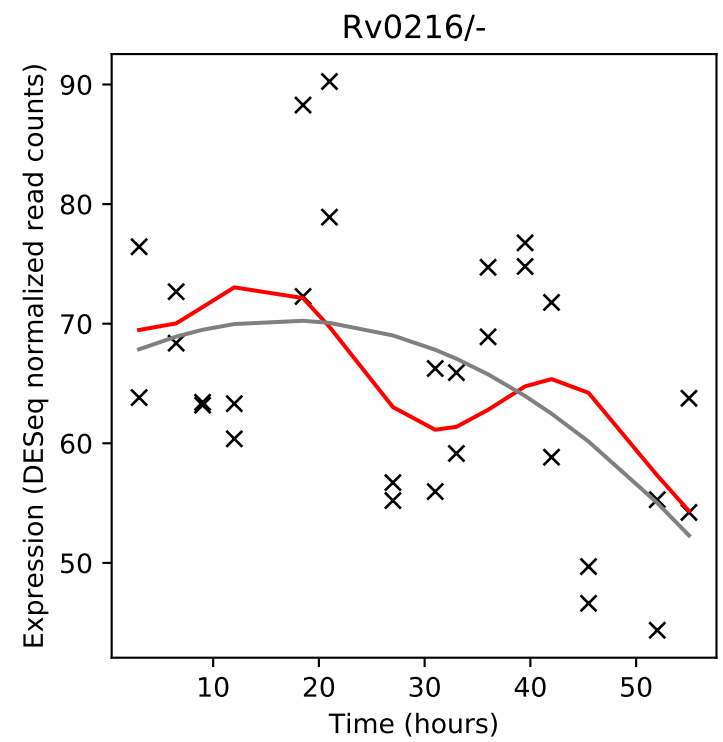

Rv0211/pckA
Expression (DESeq normalized read counts)
Time (hours)

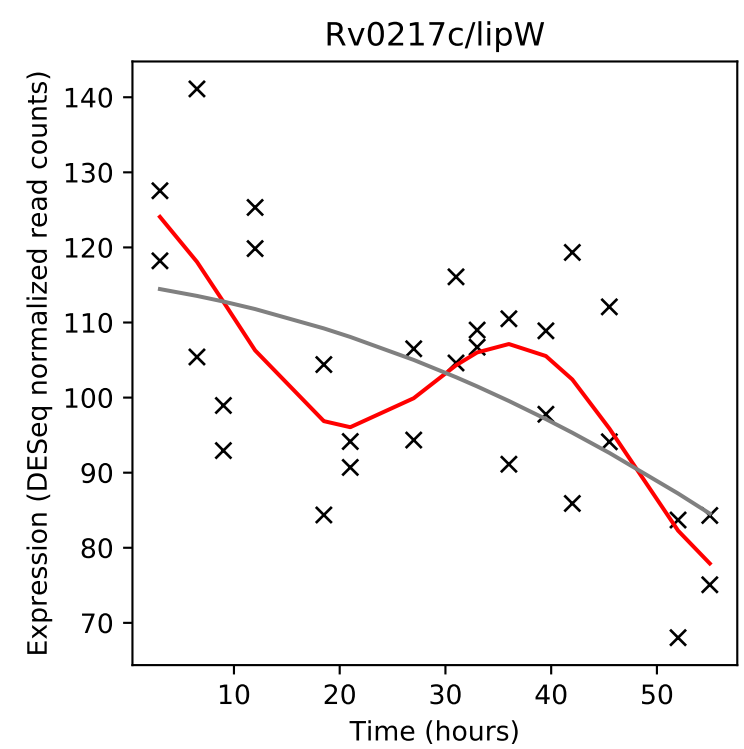

Rv0212c/nadR
Expression (DESeq normalized read counts)
Time (hours)

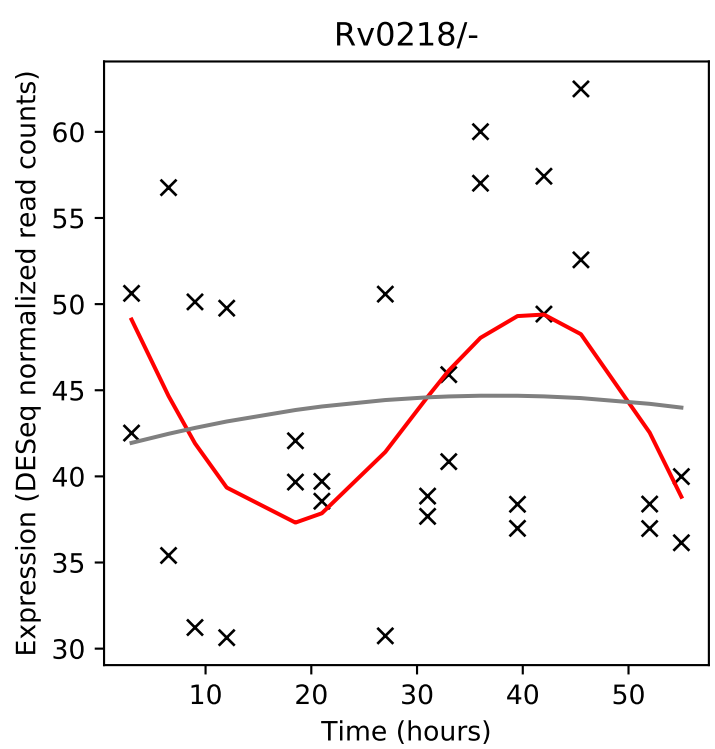

Rv0213c/-
Expression (DESeq normalized read counts)
Time (hours)

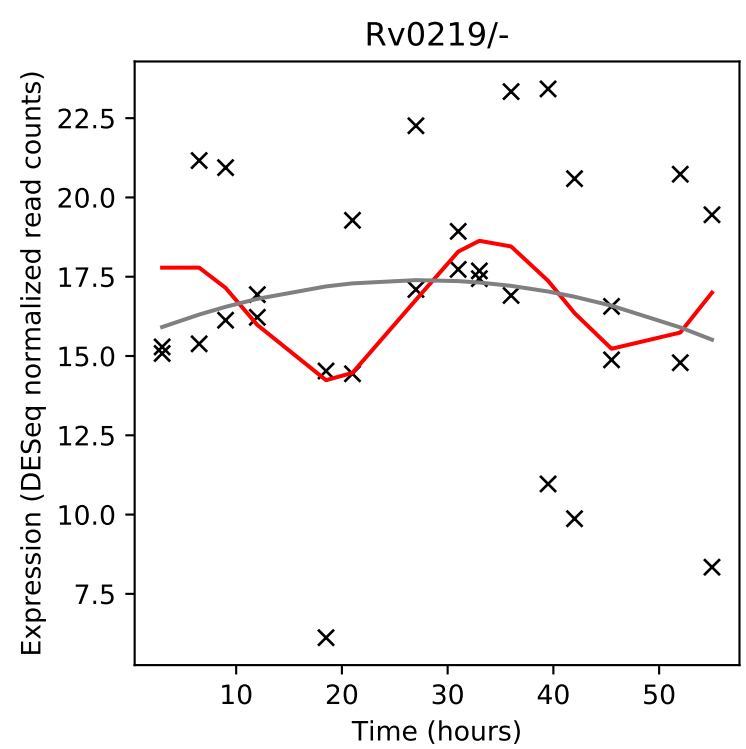

Rv0214/fadD4
Expression (DESeq normalized read counts)
Time (hours)

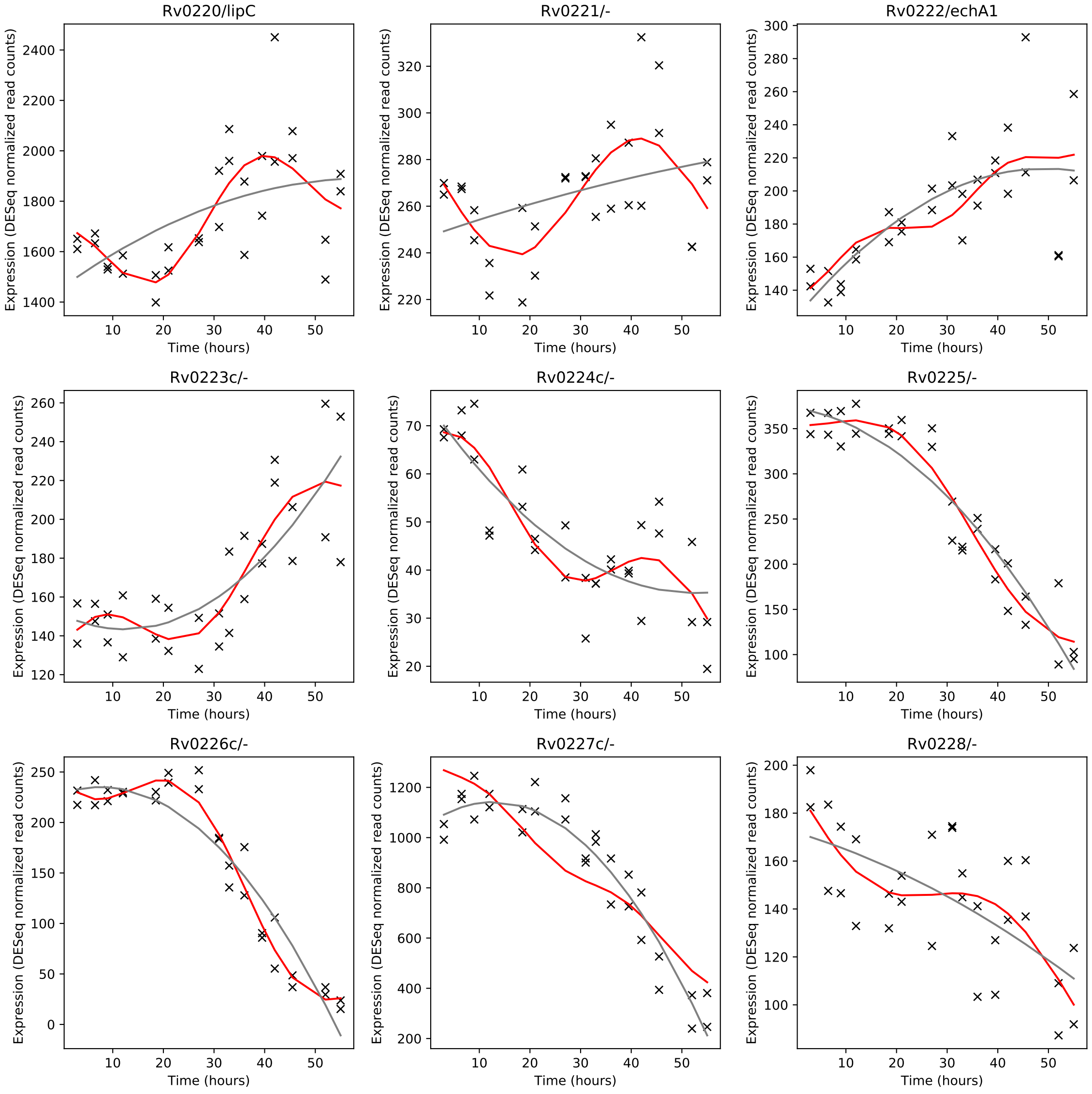

Rv0215c/fadE3
Expression (DESeq normalized read counts)
Time (hours)

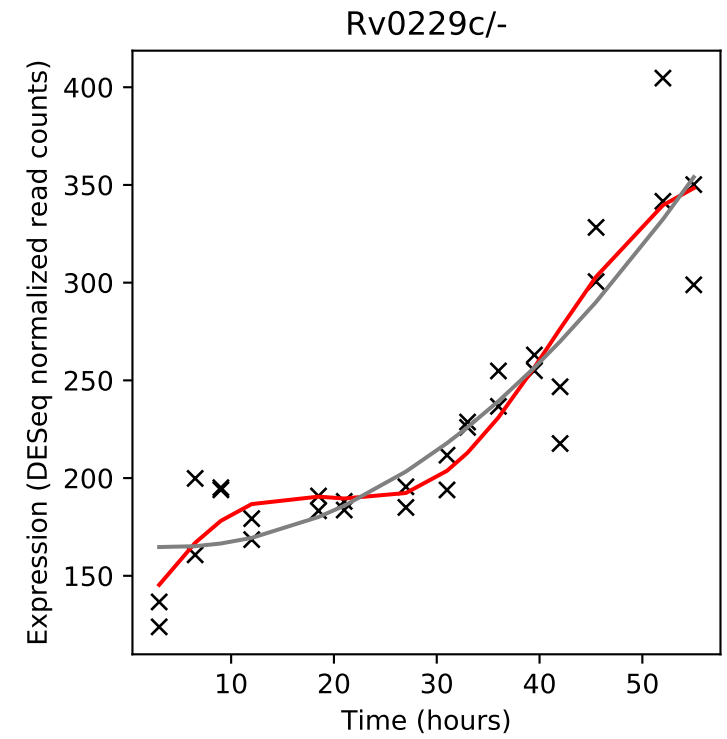

Rv0216/-
Expression (DESeq normalized read counts)
Time (hours)

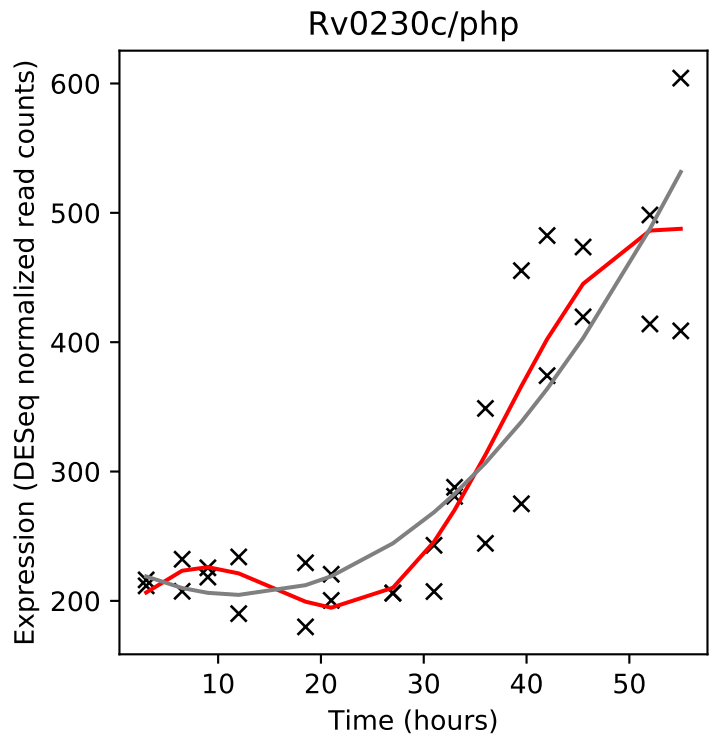

Rv0217c/lipW
Expression (DESeq normalized read counts)
Time (hours)

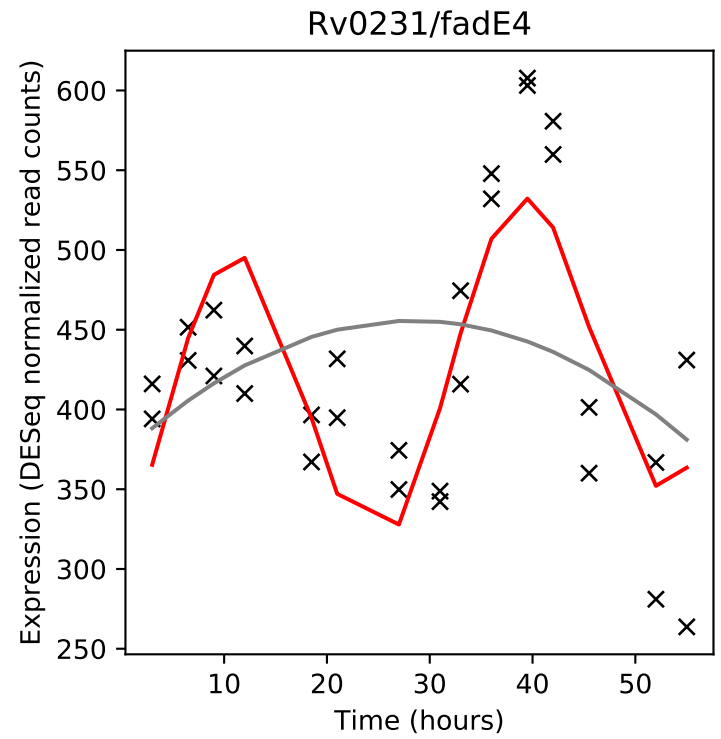

Rv0218/-
Expression (DESeq normalized read counts)
Time (hours)

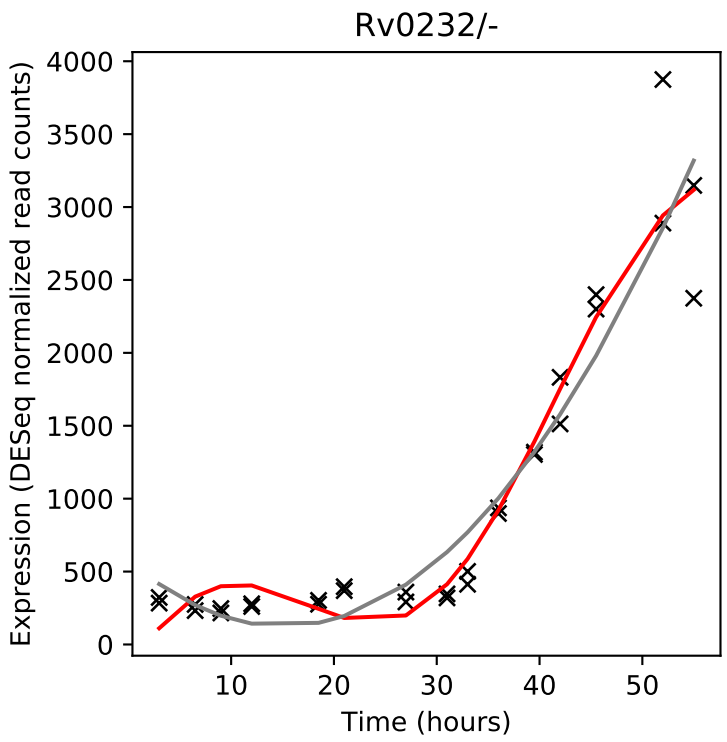

Rv0219/-
Expression (DESeq normalized read counts)
Time (hours)

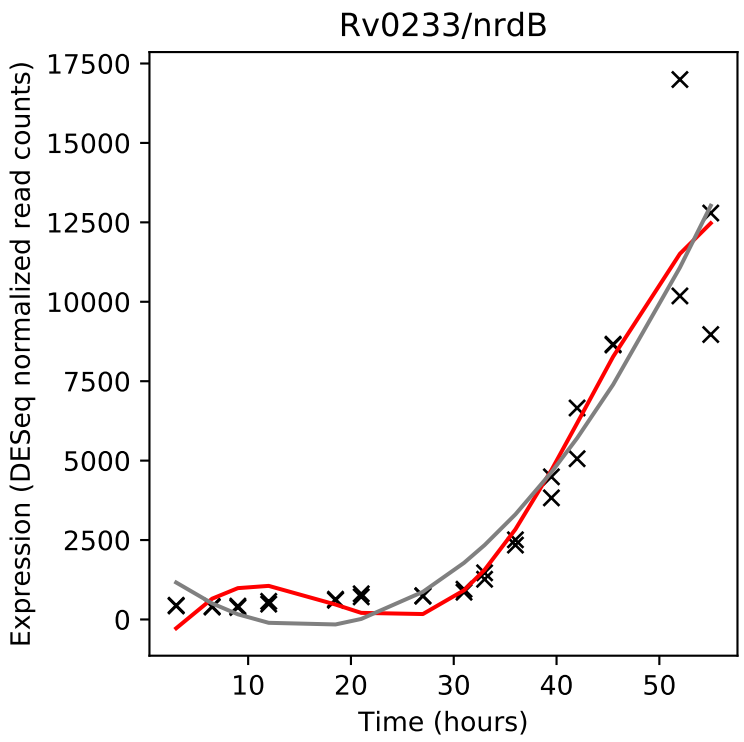

Rv0220/lipC
Rv0221/-
Rv0222/echA1
Rv0223c/-
Rv0224c/-
Rv0225/-
Rv0226c/-
Rv0227c/-
Rv0228/-
Expression (DESeq normalized read counts)
Time (hours)

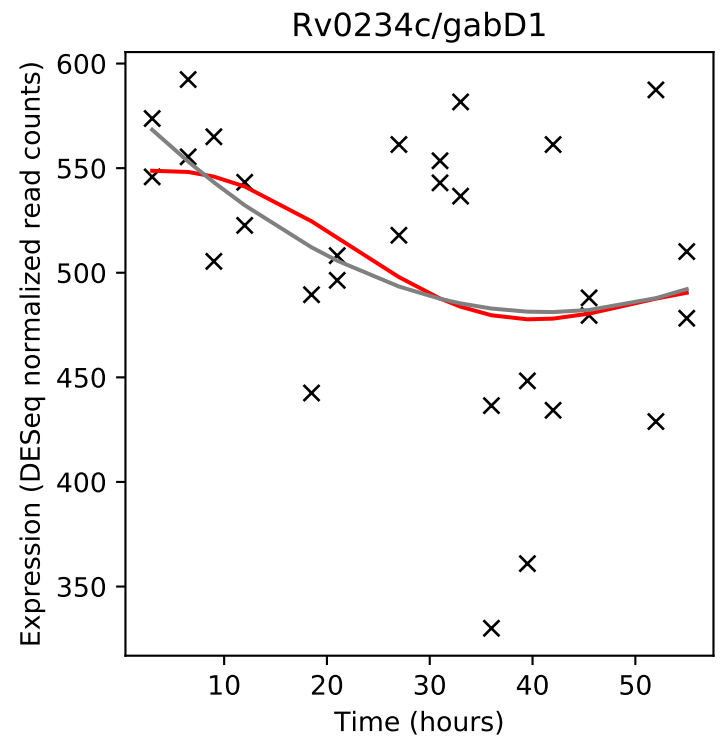

Rv0229c/-
Expression (DESeq normalized read counts)
Time (hours)

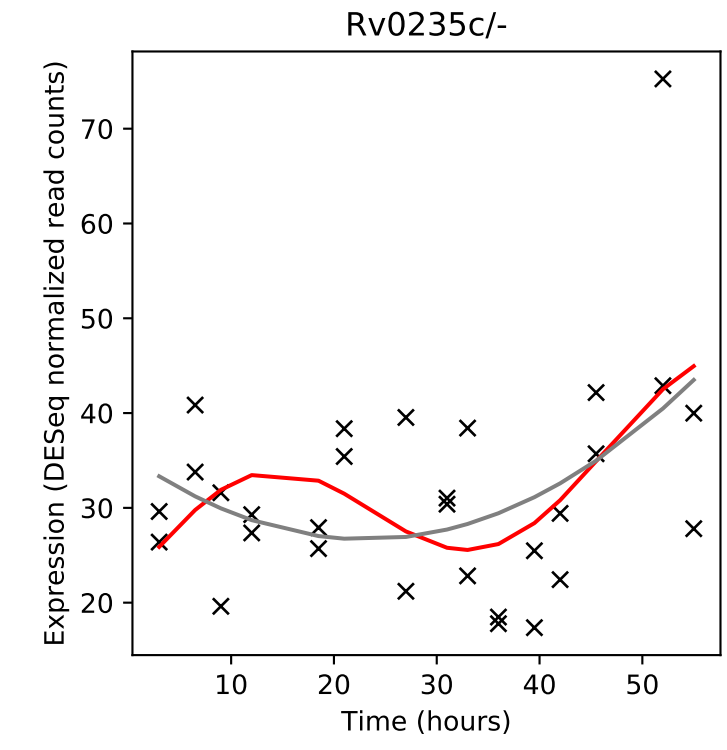

Rv0230c/php
Expression (DESeq normalized read counts)
Time (hours)

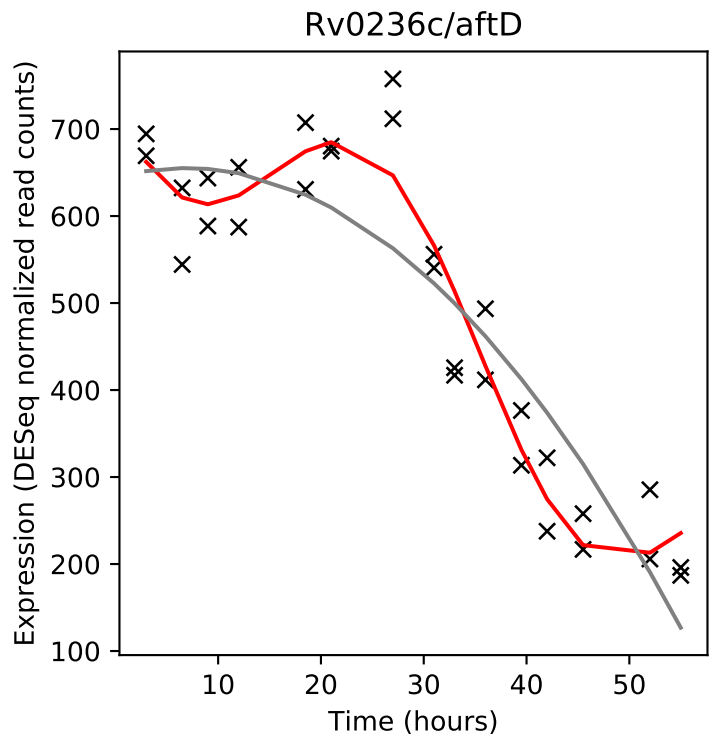

Rv0231/fadE4
Expression (DESeq normalized read counts)
Time (hours)

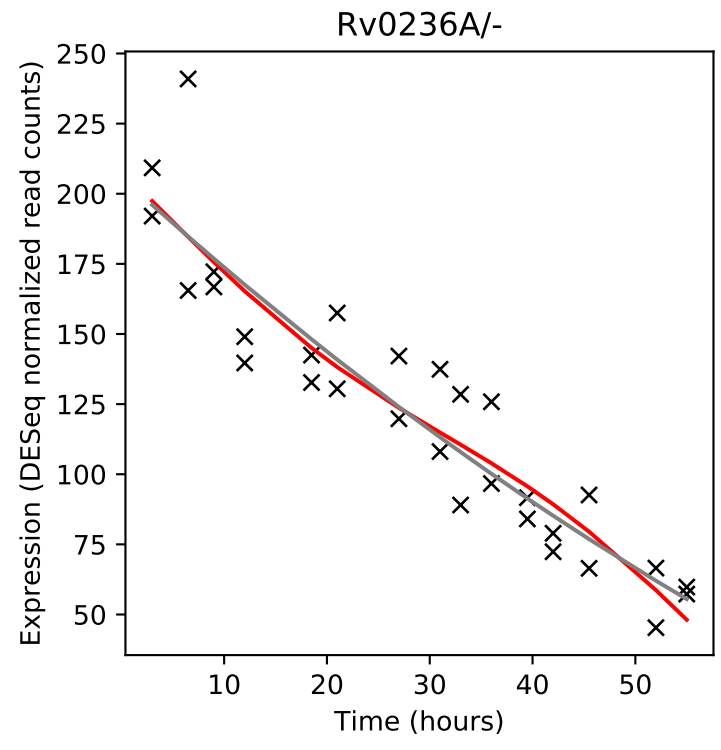

Rv0232/-
Expression (DESeq normalized read counts)
Time (hours)

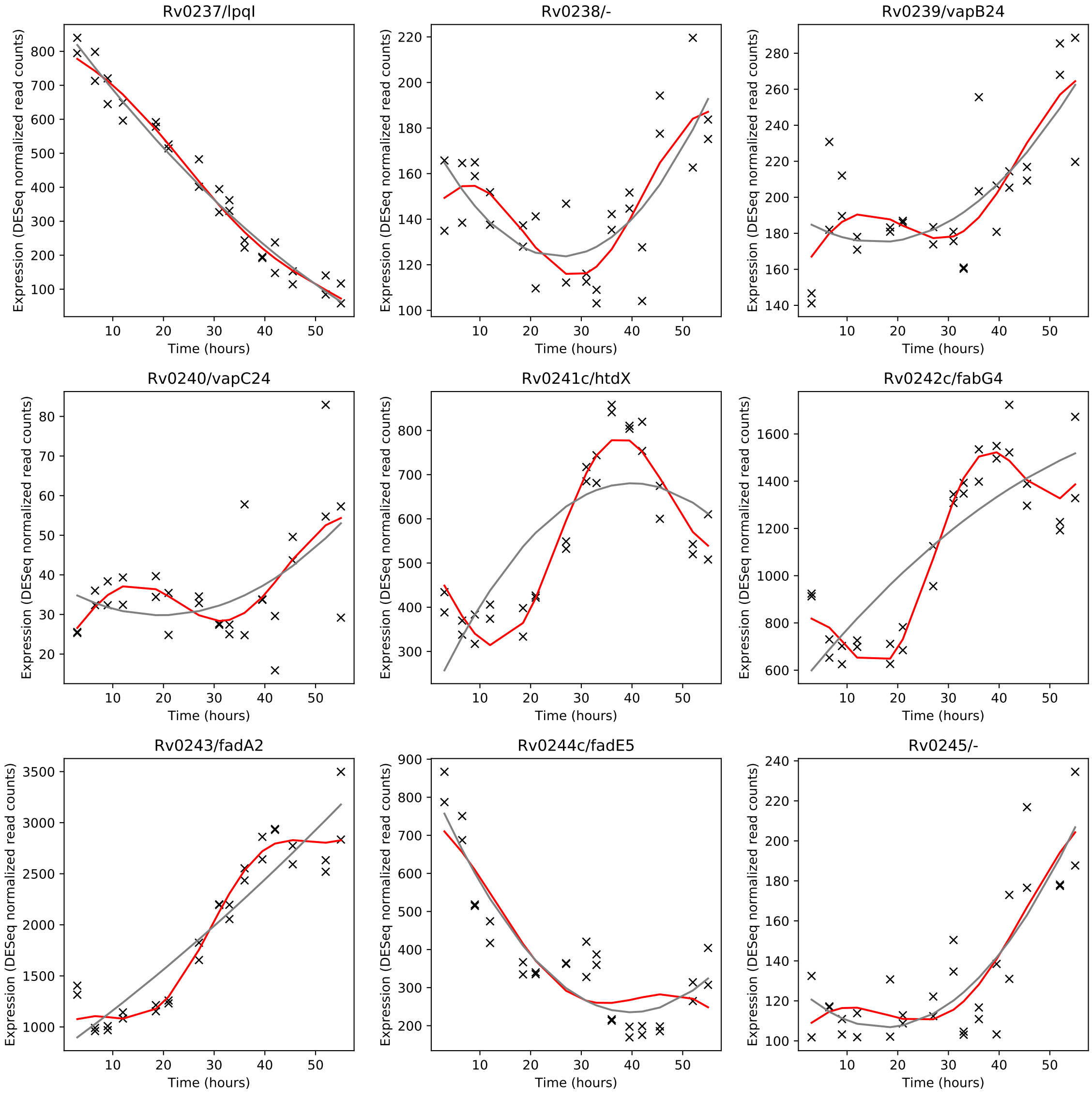

Rv0233/nrdB
Expression (DESeq normalized read counts)
Time (hours)

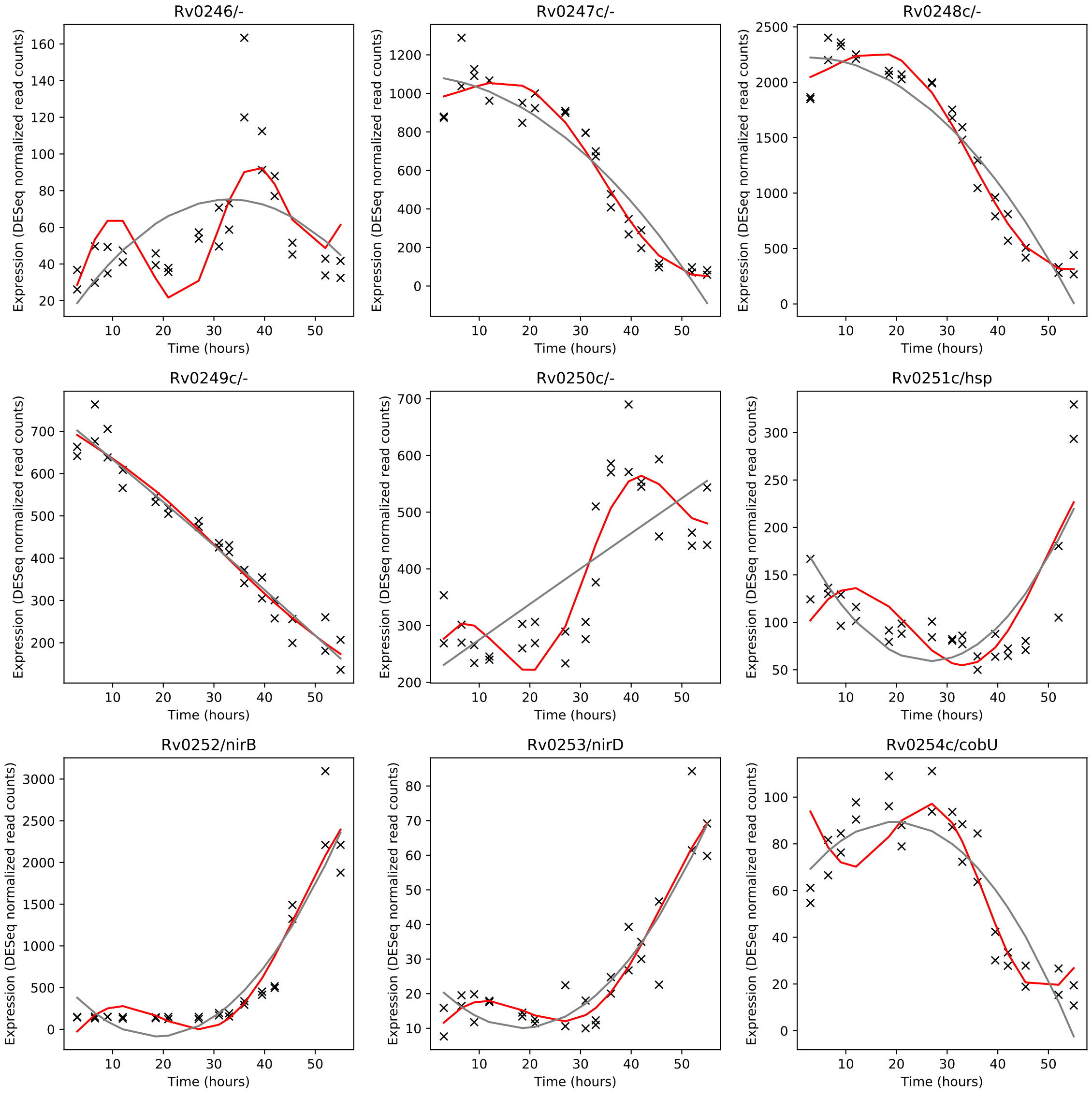

Rv0234c/gabD1
Expression (DESeq normalized read counts)
Time (hours)

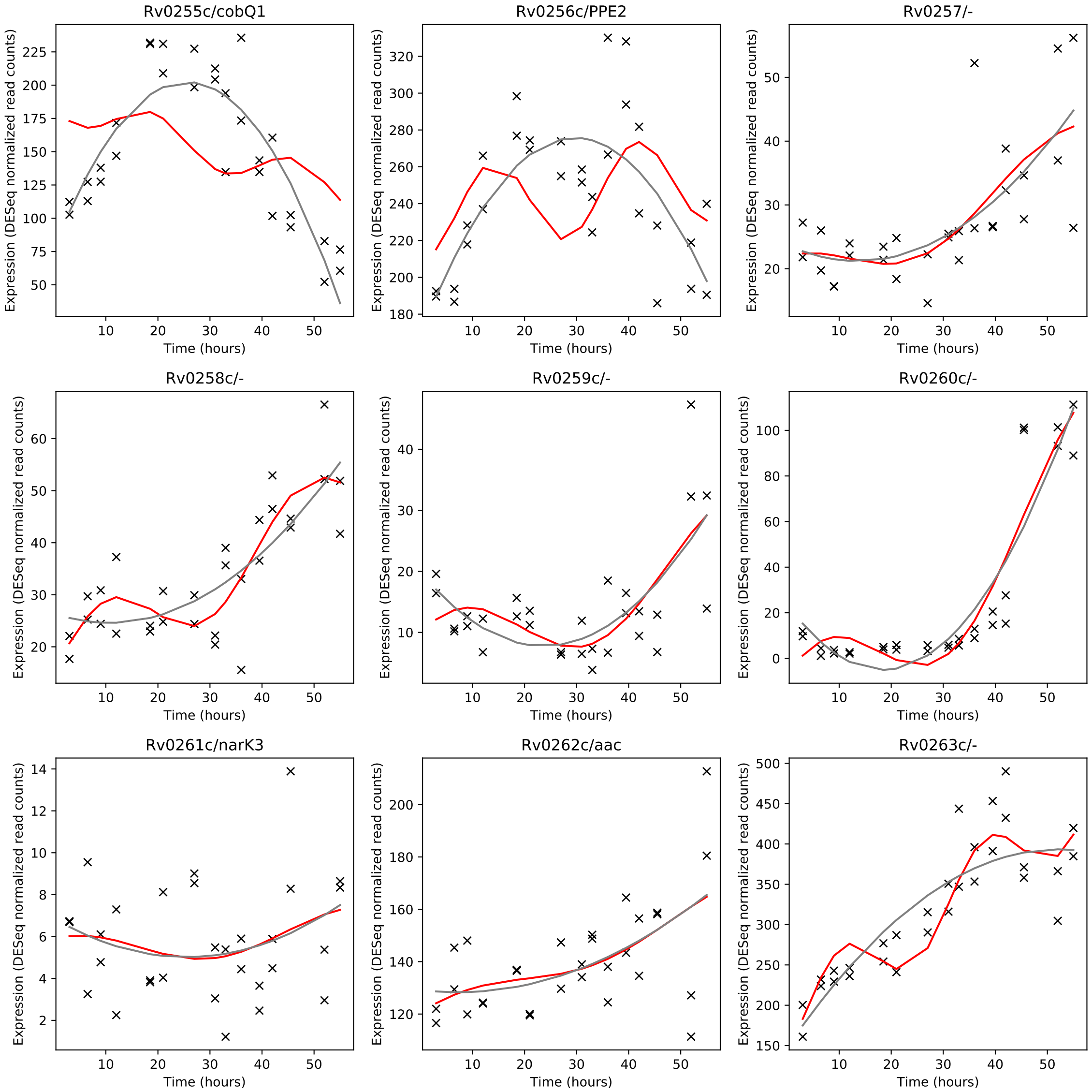

Rv0235c/-
Expression (DESeq normalized read counts)
Time (hours)

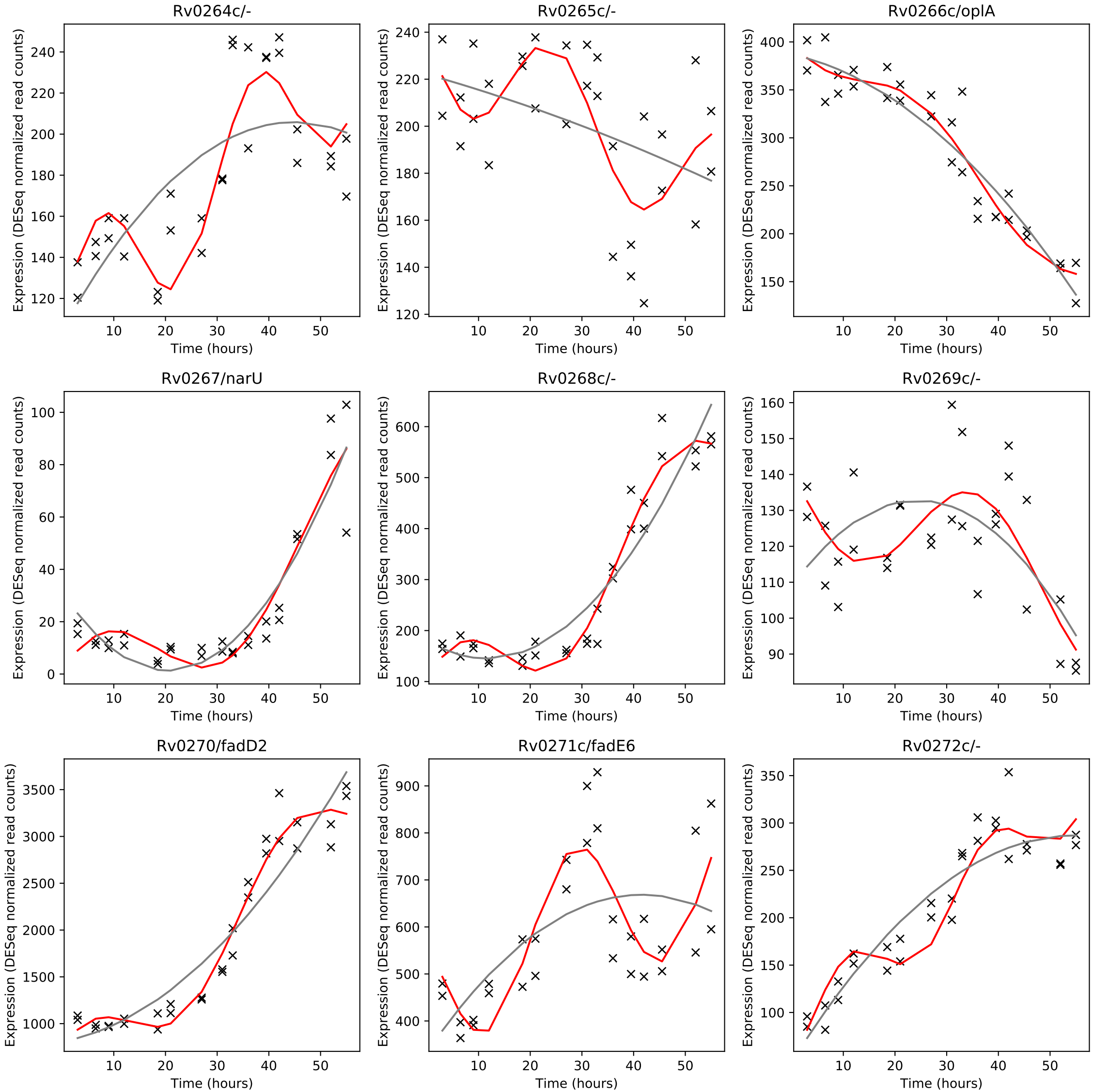

Rv0236c/aftD
Expression (DESeq normalized read counts)
Time (hours)

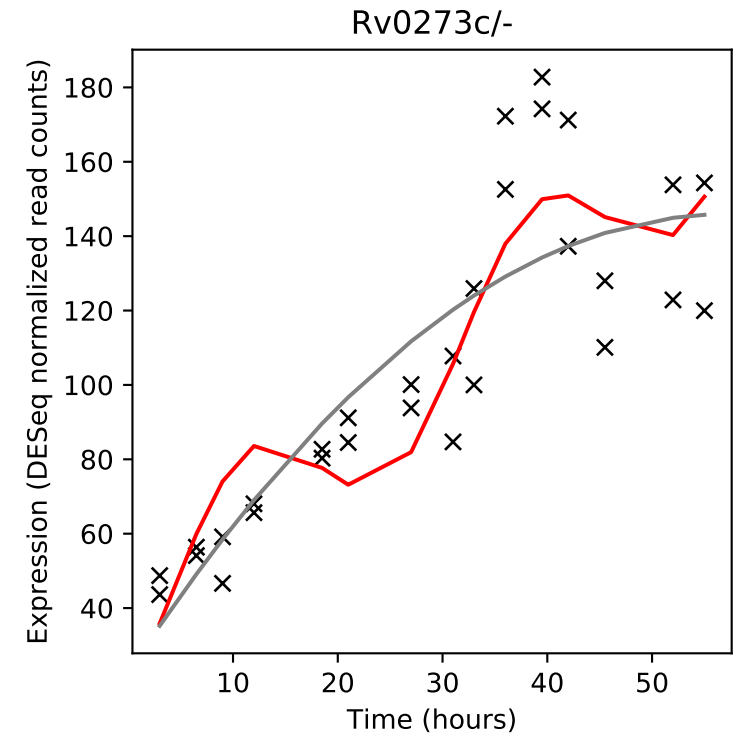

Rv0236A/-
Expression (DESeq normalized read counts)
Time (hours)

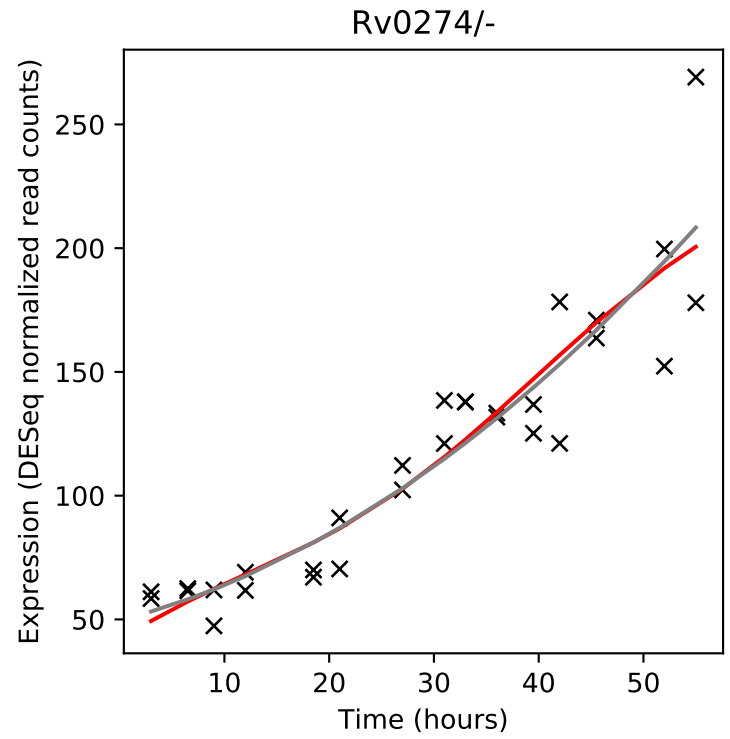

Rv0237/lpqI
Rv0238/-
Rv0239/vapB24
Rv0240/vapC24
Rv0241c/htdX
Rv0242c/fabG4
Rv0243/fadA2
Rv0244c/fadE5
Rv0245/-
Expression (DESeq normalized read counts)
Time (hours)

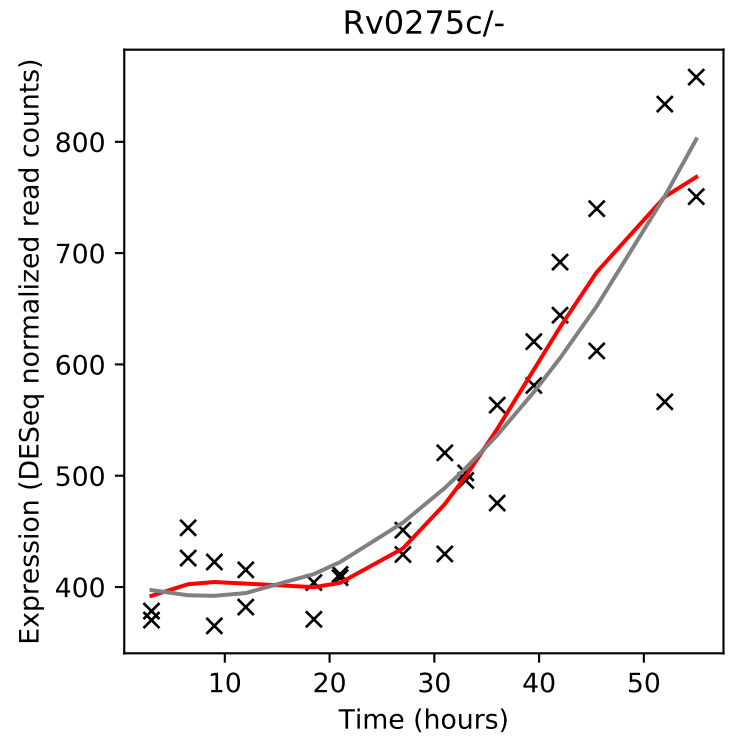

Rv0246/-
Rv0247c/-
Rv0248c/-
Rv0249c/-
Rv0250c/-
Rv0251c/hsp
Rv0252/nirB
Rv0253/nirD
Rv0254c/cobU
Expression (DESeq normalized read counts)
Time (hours)

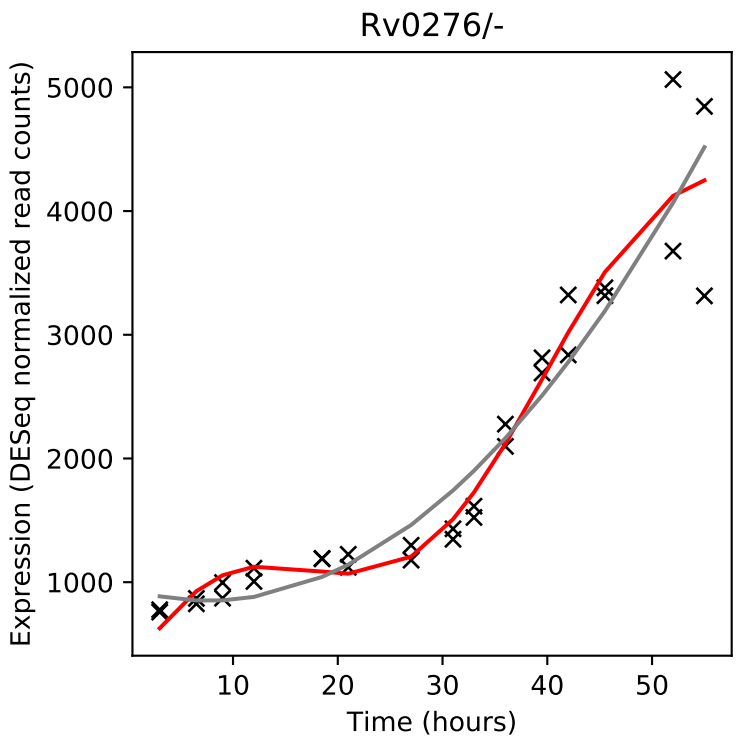

Rv0255c/cobQ1
Rv0256c/PPE2
Rv0257/-
Rv0258c/-
Rv0259c/-
Rv0260c/-
Rv0261c/narK3
Rv0262c/aac
Rv0263c/-
Expression (DESeq normalized read counts)
Time (hours)

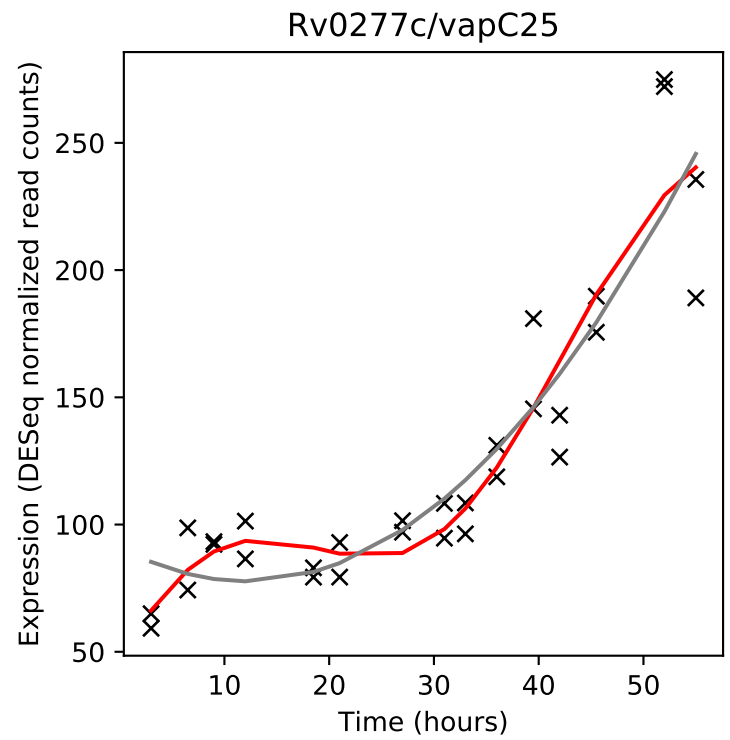

Rv0264c/-
Rv0265c/-
Rv0266c/oplA
Rv0267/narU
Rv0268c/-
Rv0269c/-
Rv0270/fadD2
Rv0271c/fadE6
Rv0272c/-
Expression (DESeq normalized read counts)
Time (hours)

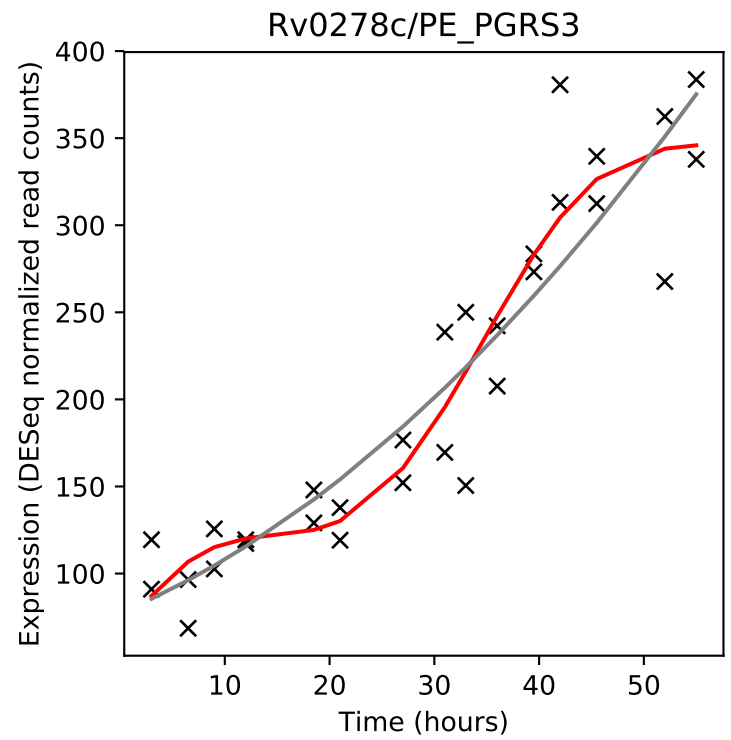

Rv0273c/-
Expression (DESeq normalized read counts)
Time (hours)

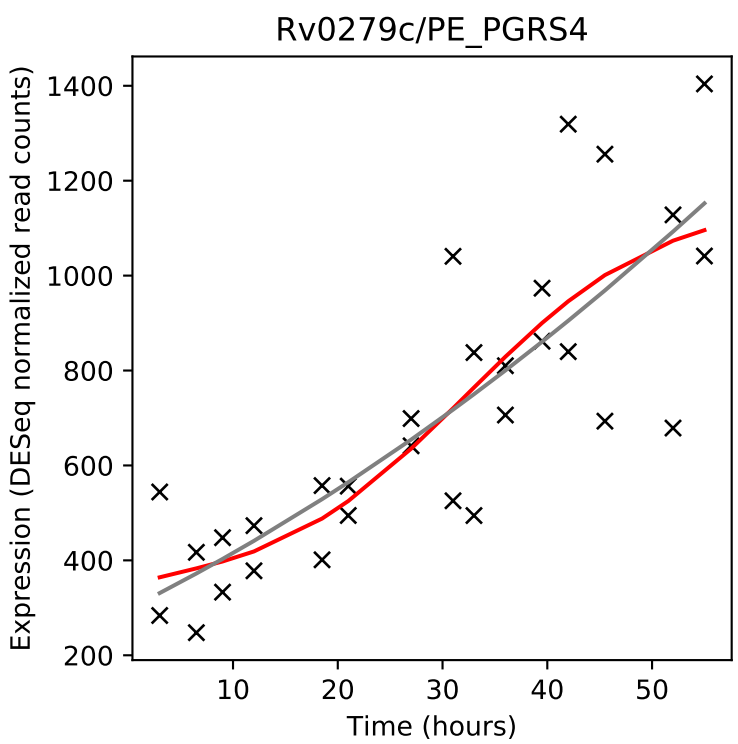

Rv0274/-
Expression (DESeq normalized read counts)
Time (hours)

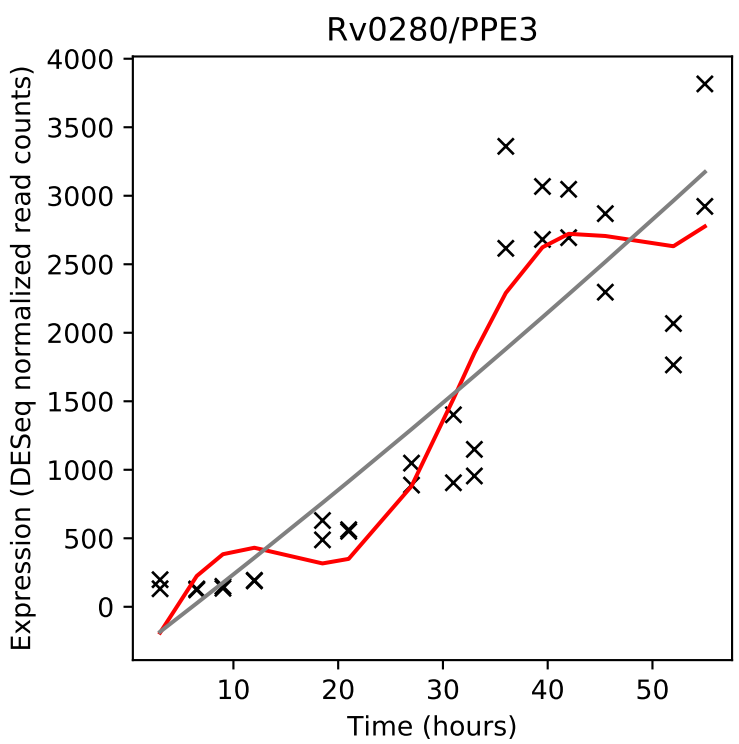

Rv0275c/-
Expression (DESeq normalized read counts)
Time (hours)

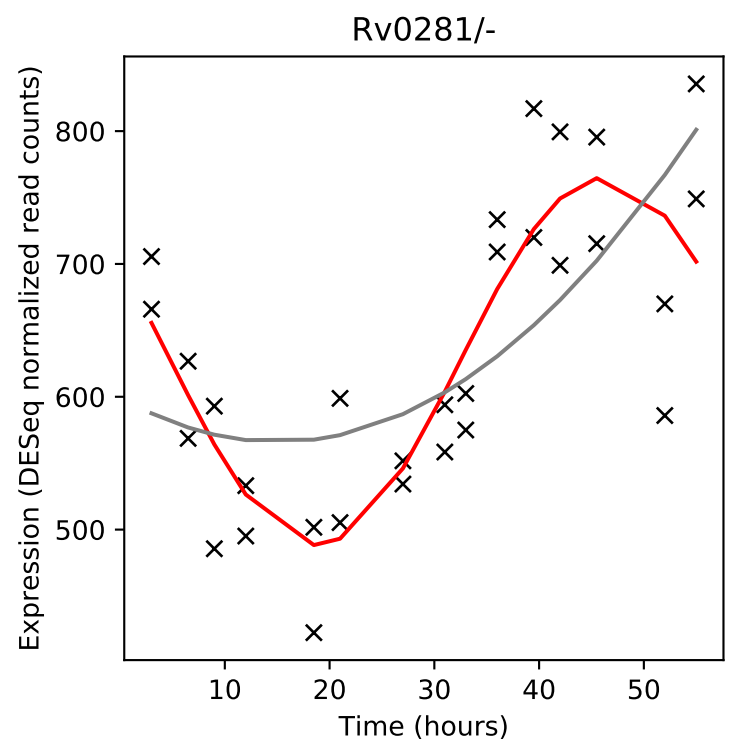

Rv0276/-
Expression (DESeq normalized read counts)
Time (hours)

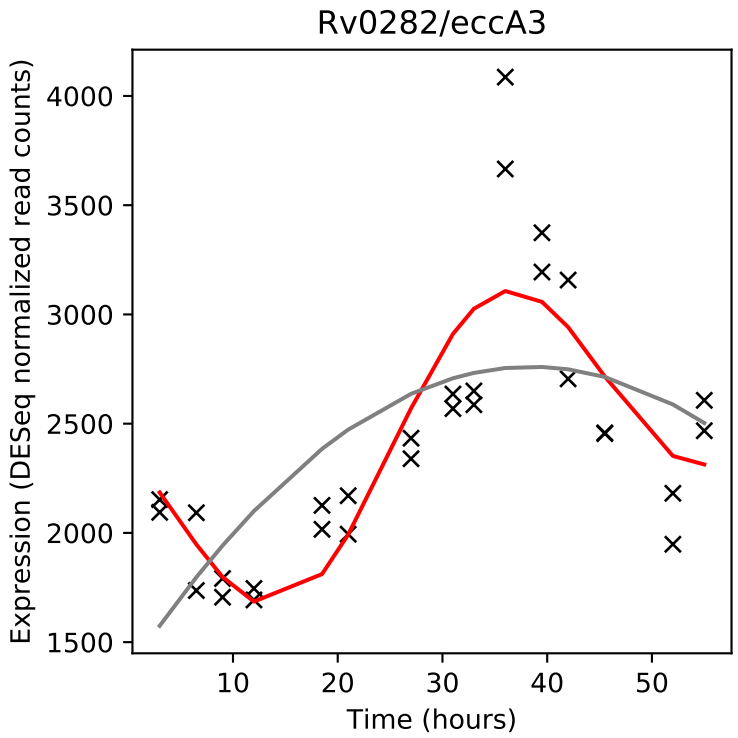

Rv0277c/vapC25
Expression (DESeq normalized read counts)
Time (hours)

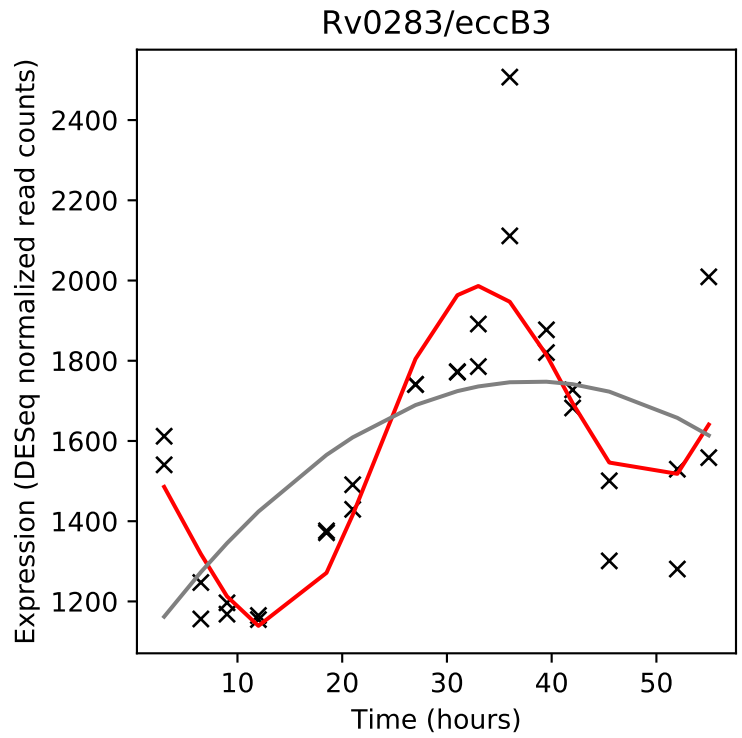

Rv0278c/PE_PGRS3
Expression (DESeq normalized read counts)
Time (hours)

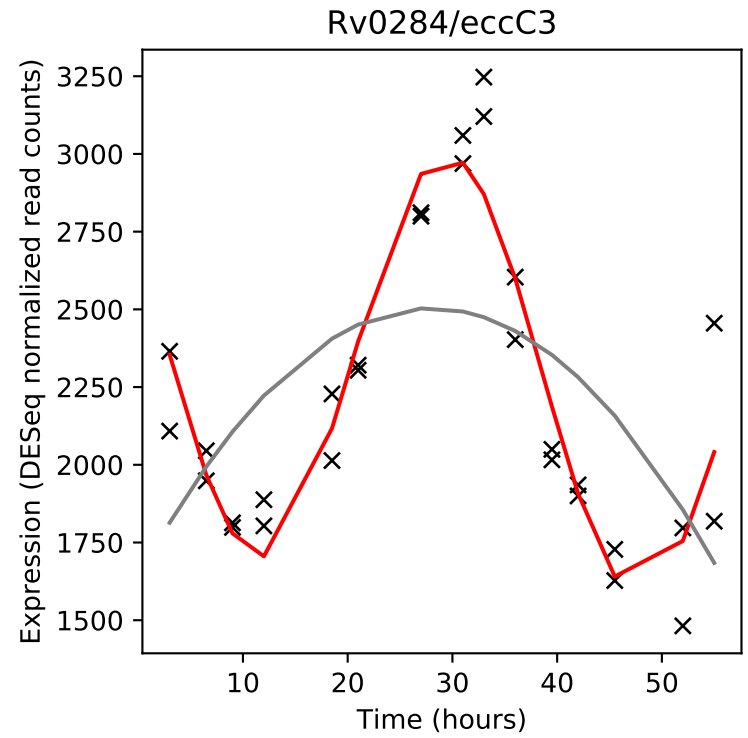

Rv0279c/PE_PGRS4
Expression (DESeq normalized read counts)
Time (hours)

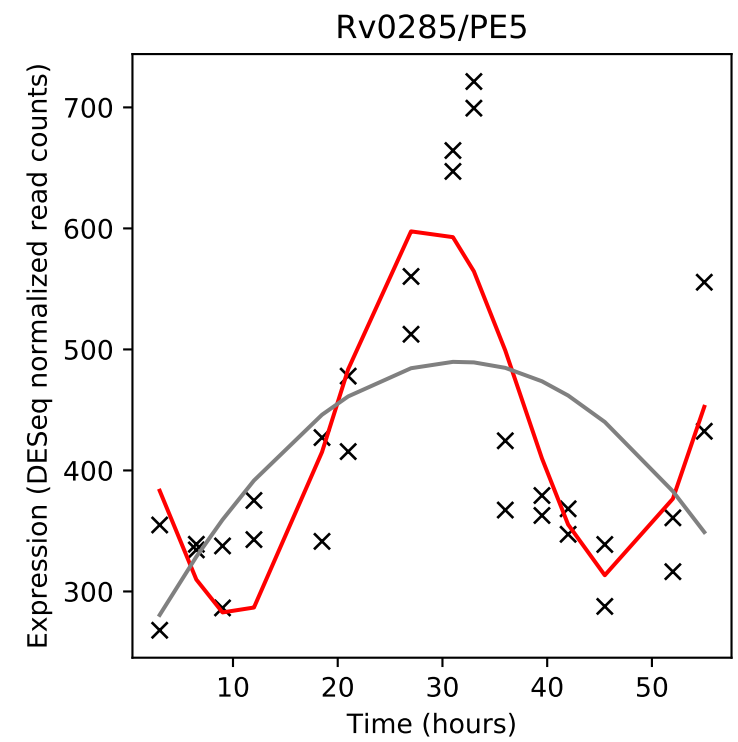

Rv0280/PPE3
Expression (DESeq normalized read counts)
Time (hours)

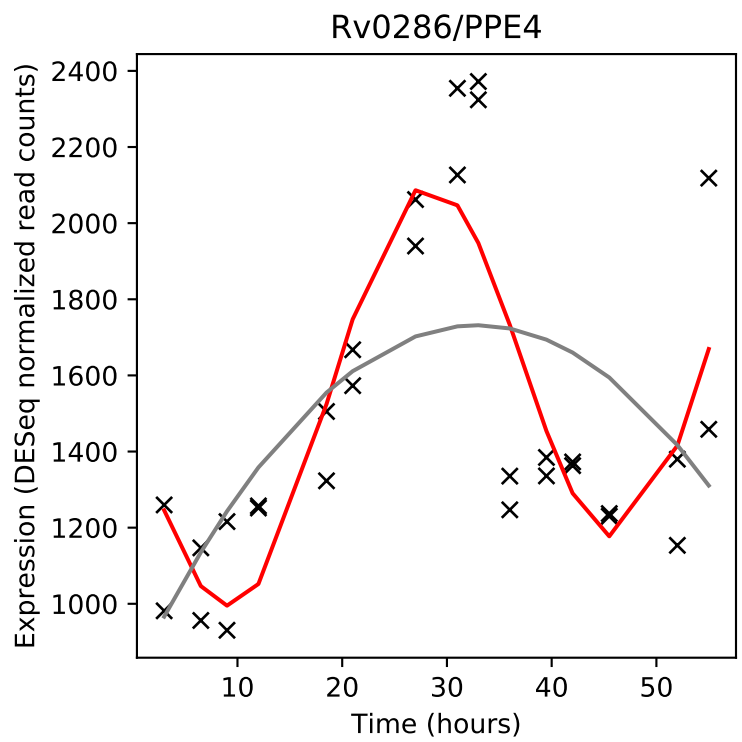

Rv0281/-
Expression (DESeq normalized read counts)
Time (hours)

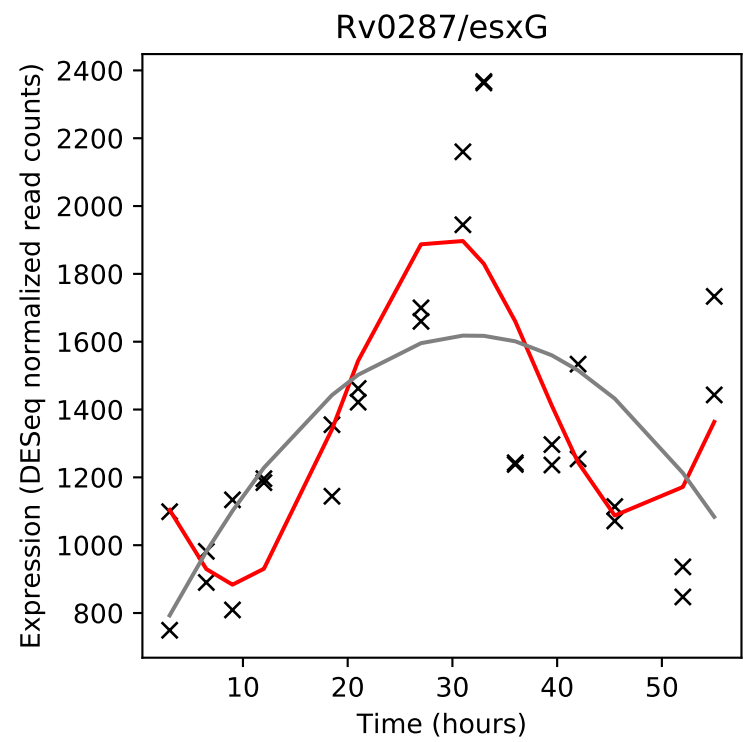

Rv0282/eccA3
Expression (DESeq normalized read counts)
Time (hours)

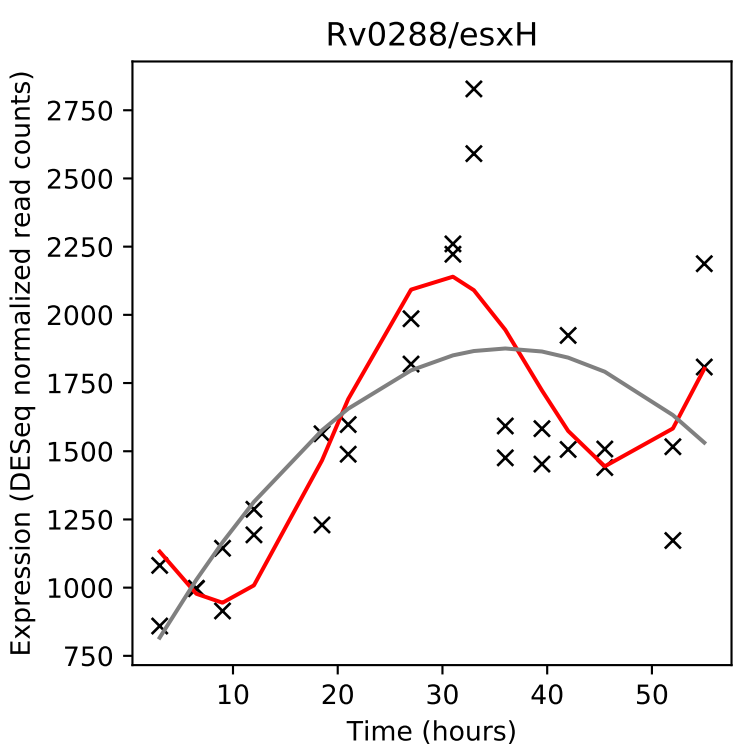

Rv0283/eccB3
Expression (DESeq normalized read counts)
Time (hours)

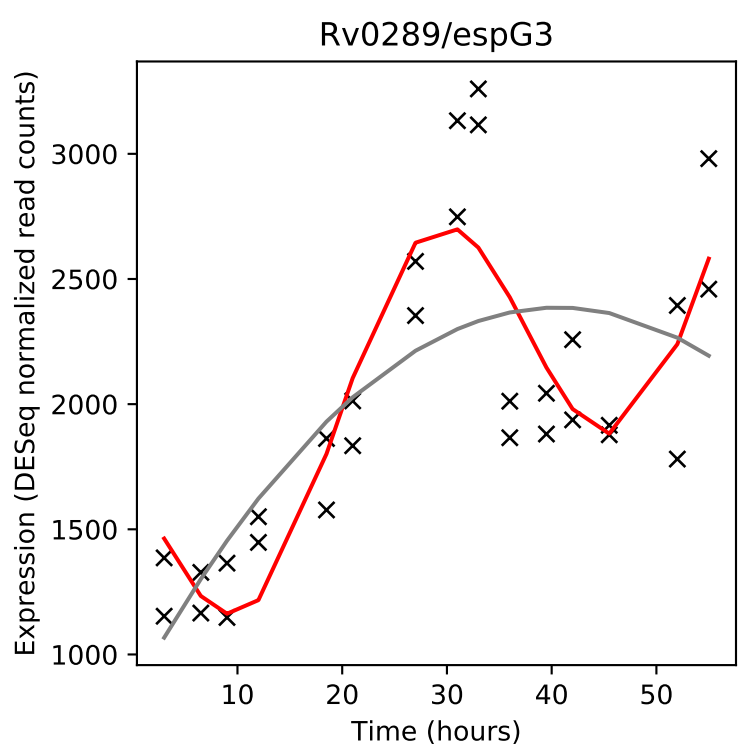

Rv0284/eccC3
Expression (DESeq normalized read counts)
Time (hours)

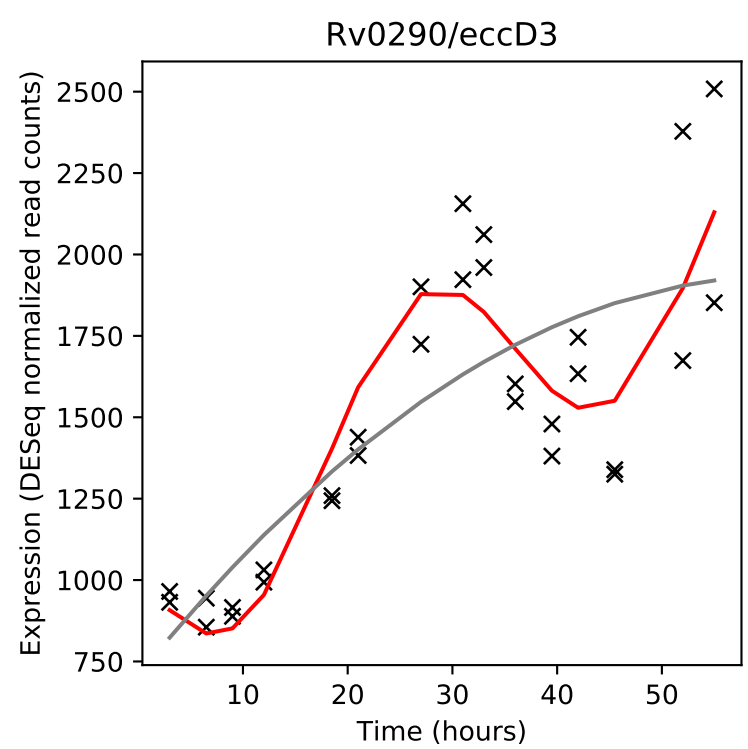

Rv0285/PE5
Expression (DESeq normalized read counts)
Time (hours)

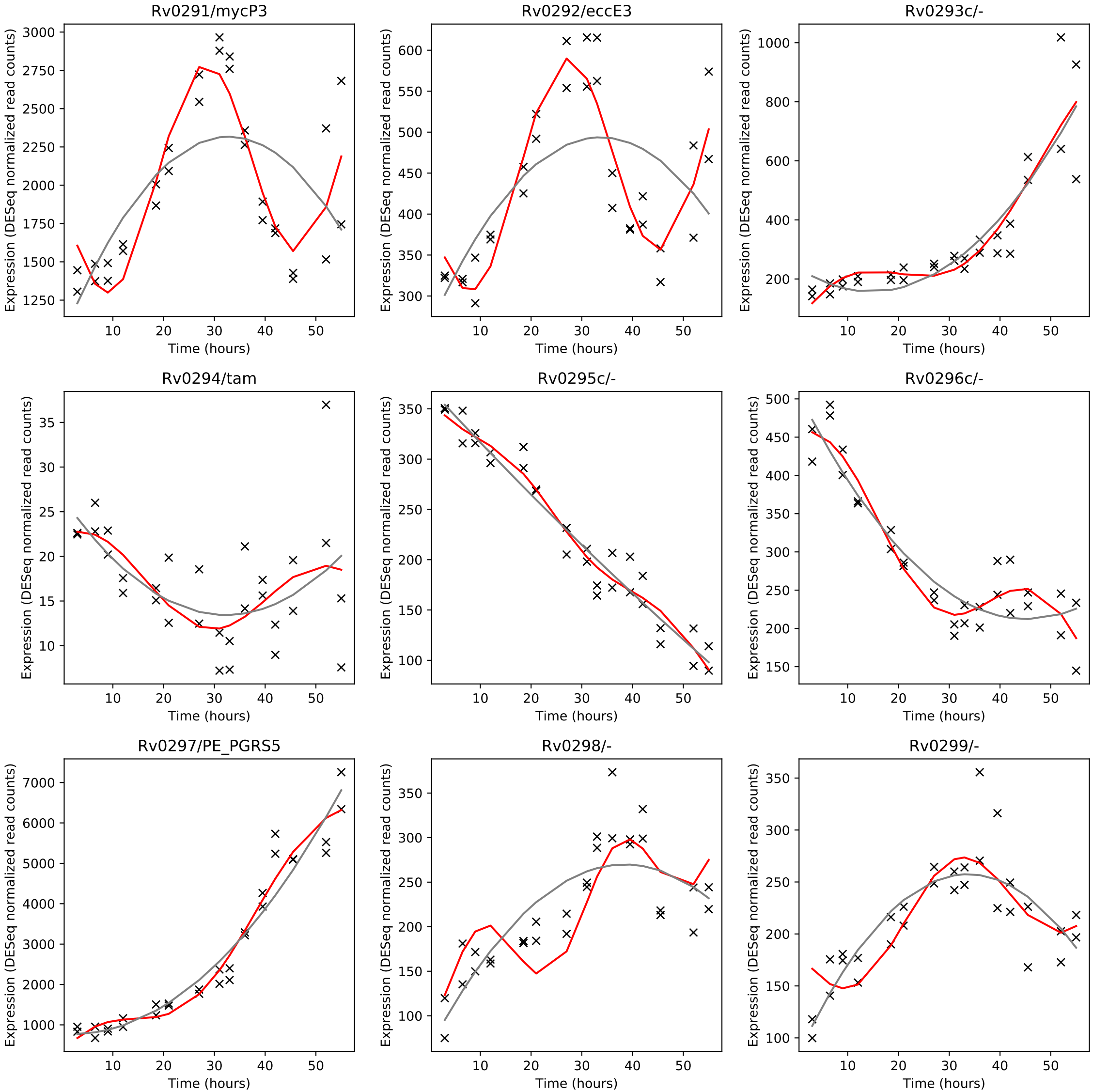

Rv0286/PPE4
Expression (DESeq normalized read counts)
Time (hours)

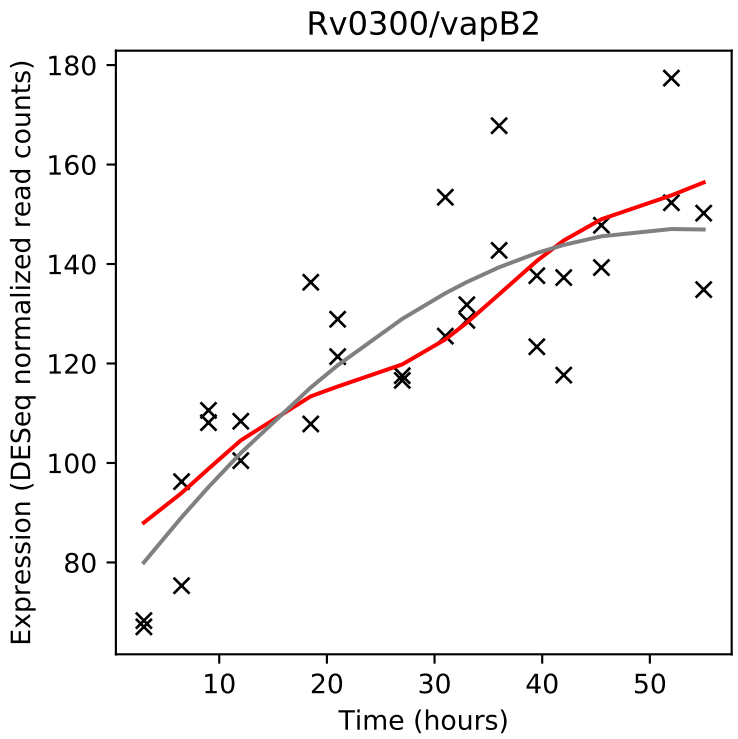

Rv0287/esxG
Expression (DESeq normalized read counts)
Time (hours)

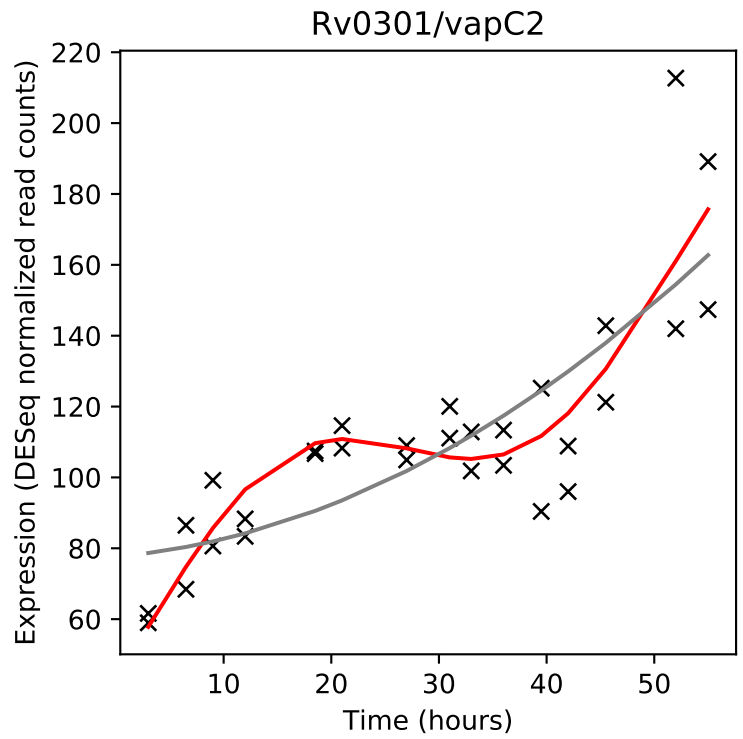

Rv0288/esxH
Expression (DESeq normalized read counts)
Time (hours)

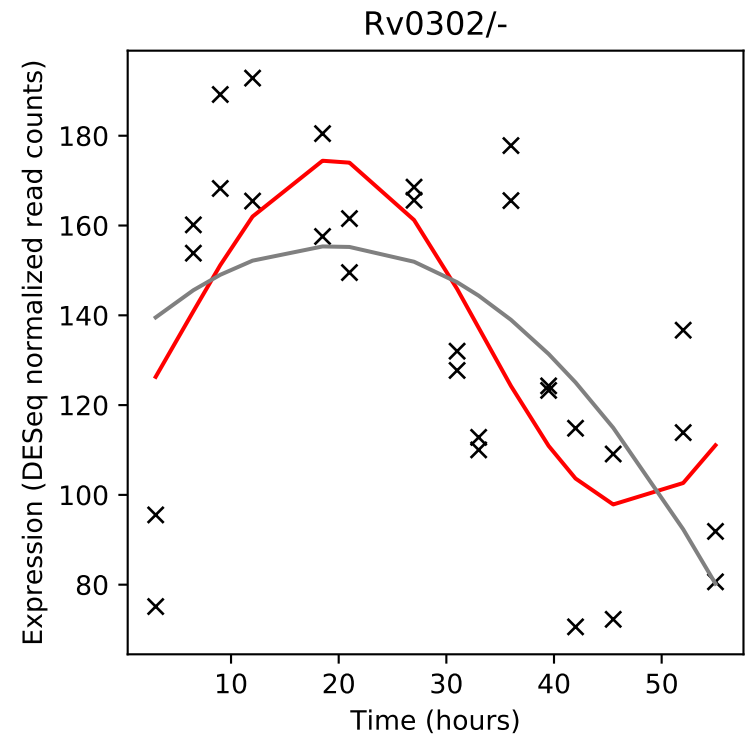

Rv0289/espG3
Expression (DESeq normalized read counts)
Time (hours)

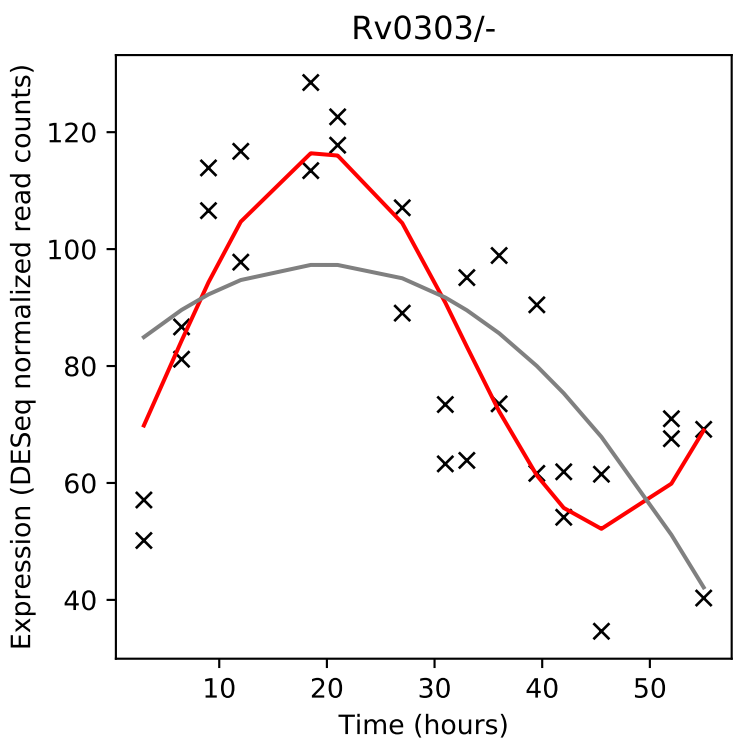

Rv0290/eccD3
Expression (DESeq normalized read counts)
Time (hours)

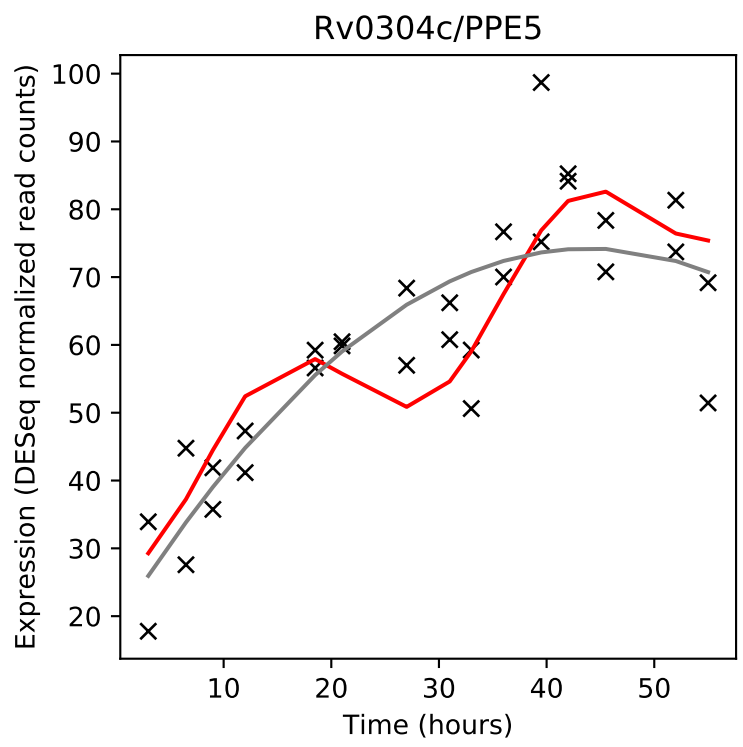

Rv0291/mycP3
Rv0292/eccE3
Rv0293c/-
Rv0294/tam
Rv0295c/-
Rv0296c/-
Rv0297/PE_PGRS5
Rv0298/-
Rv0299/-
Expression (DESeq normalized read counts)
Time (hours)

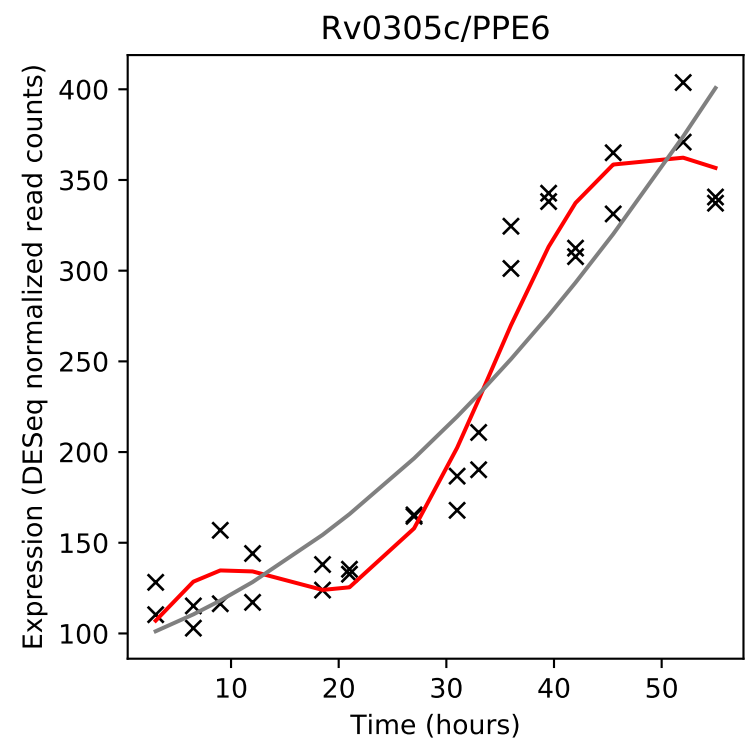

Rv0300/vapB2
Expression (DESeq normalized read counts)
Time (hours)

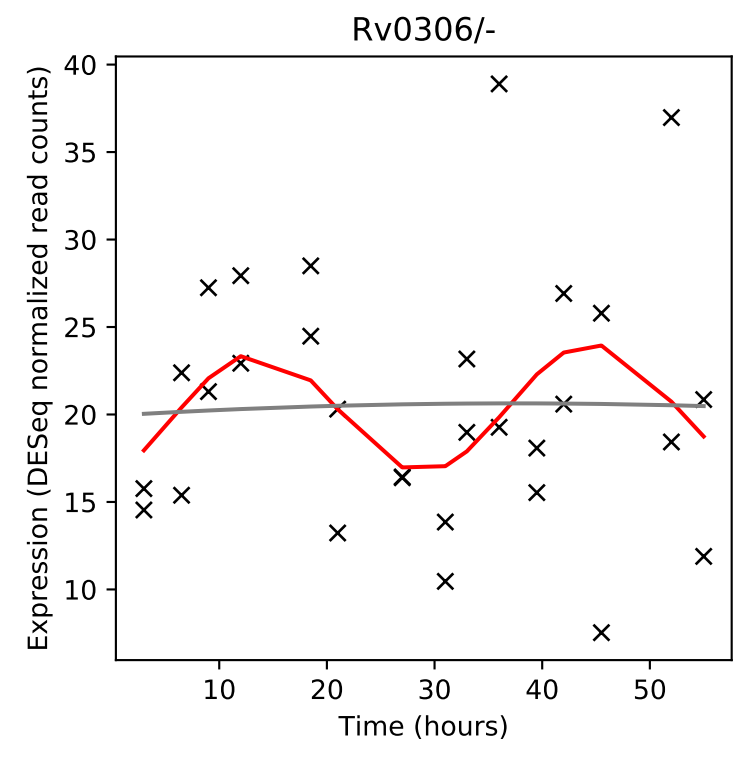

Rv0301/vapC2
Expression (DESeq normalized read counts)
Time (hours)

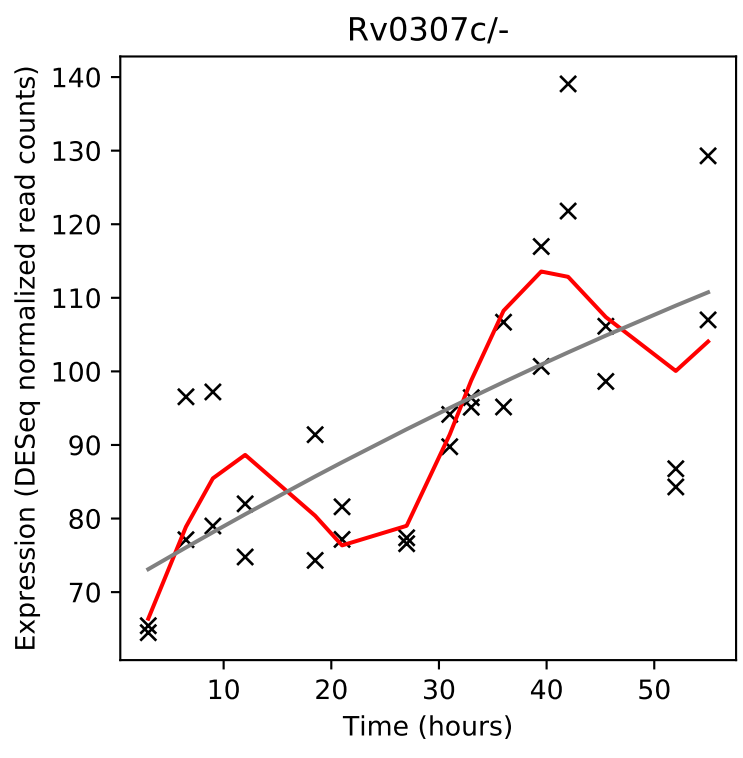

Rv0302/-
Expression (DESeq normalized read counts)
Time (hours)

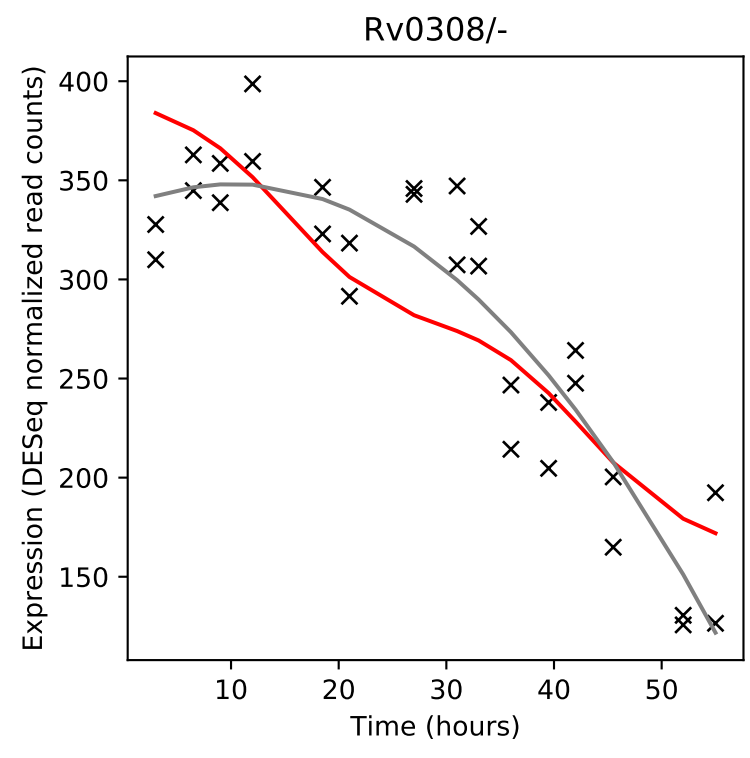

Rv0303/-
Expression (DESeq normalized read counts)
Time (hours)

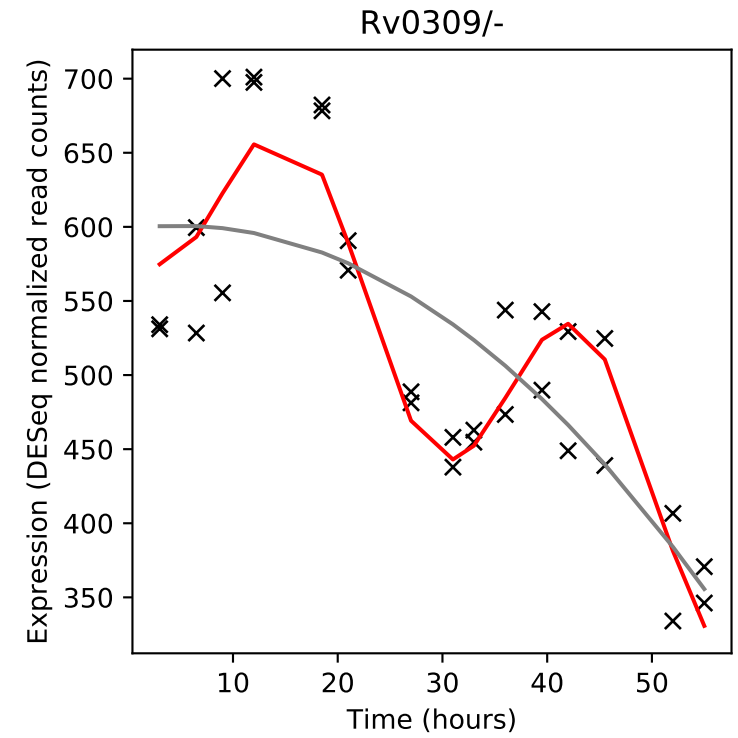

Rv0304c/PPE5
Expression (DESeq normalized read counts)
Time (hours)

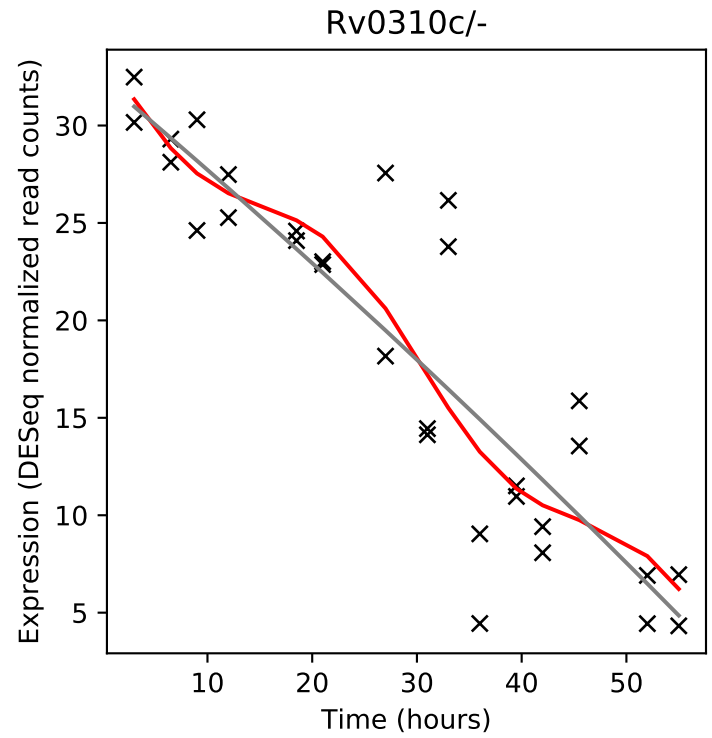

Rv0305c/PPE6
Expression (DESeq normalized read counts)
Time (hours)

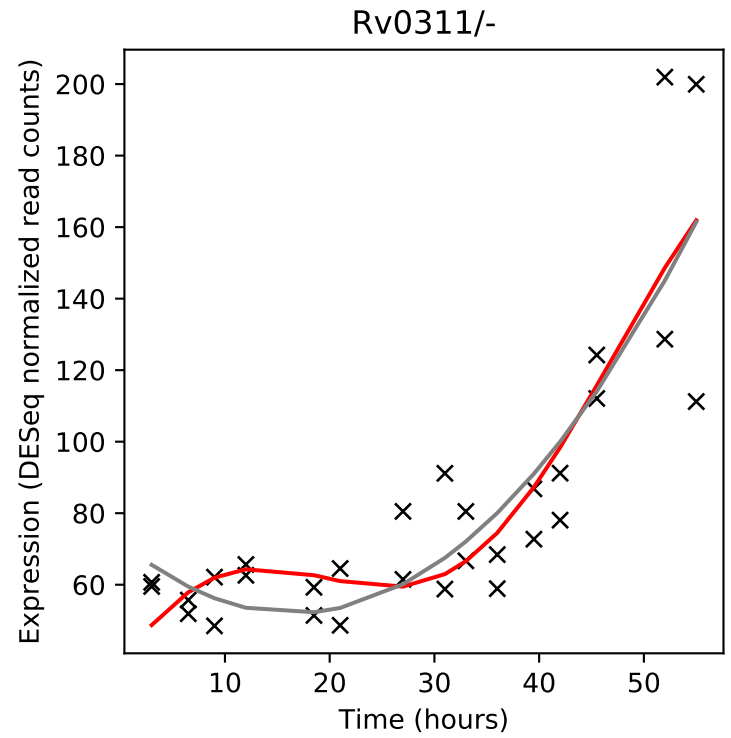

Rv0306/-
Expression (DESeq normalized read counts)
Time (hours)

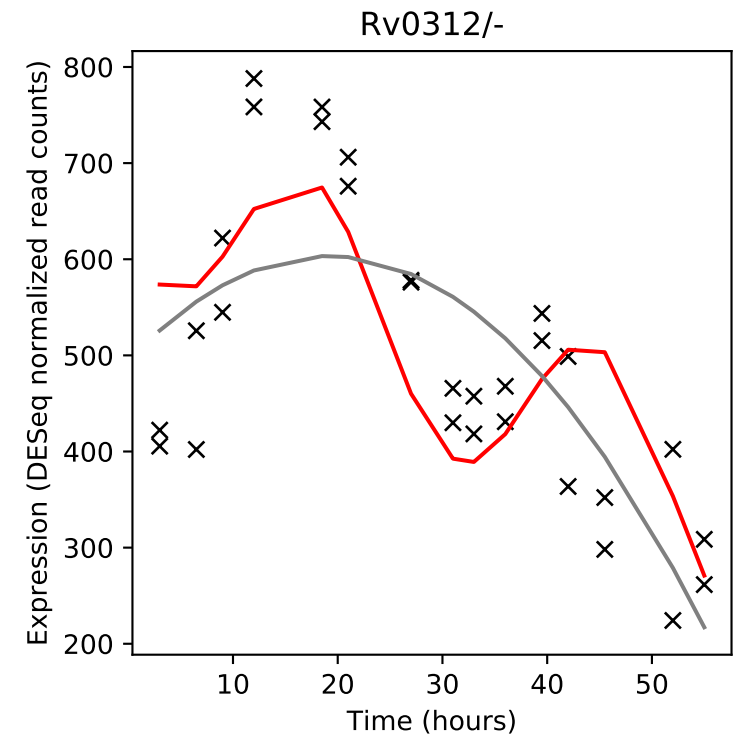

Rv0307c/-
Expression (DESeq normalized read counts)
Time (hours)

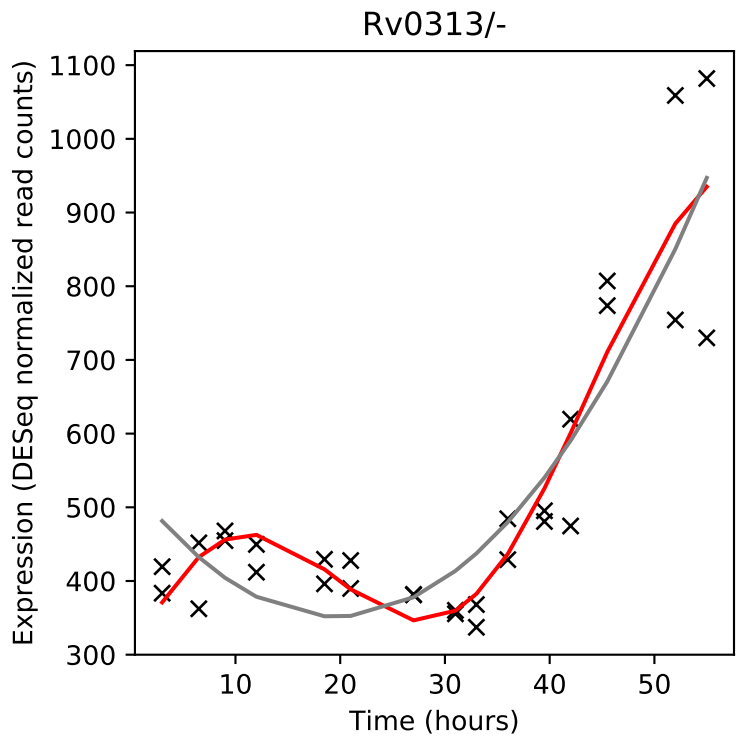

Rv0308/-
Expression (DESeq normalized read counts)
Time (hours)

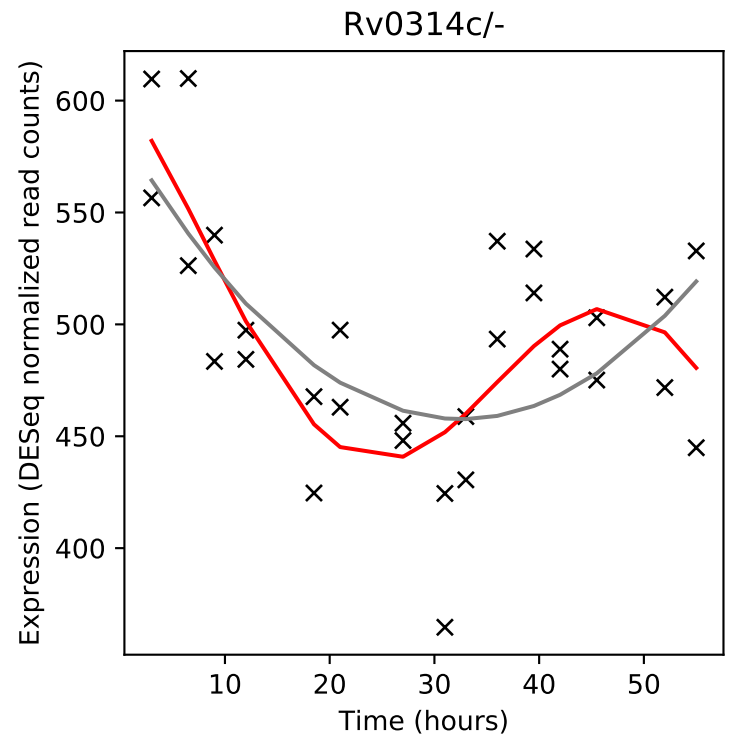

Rv0309/-
Expression (DESeq normalized read counts)
Time (hours)

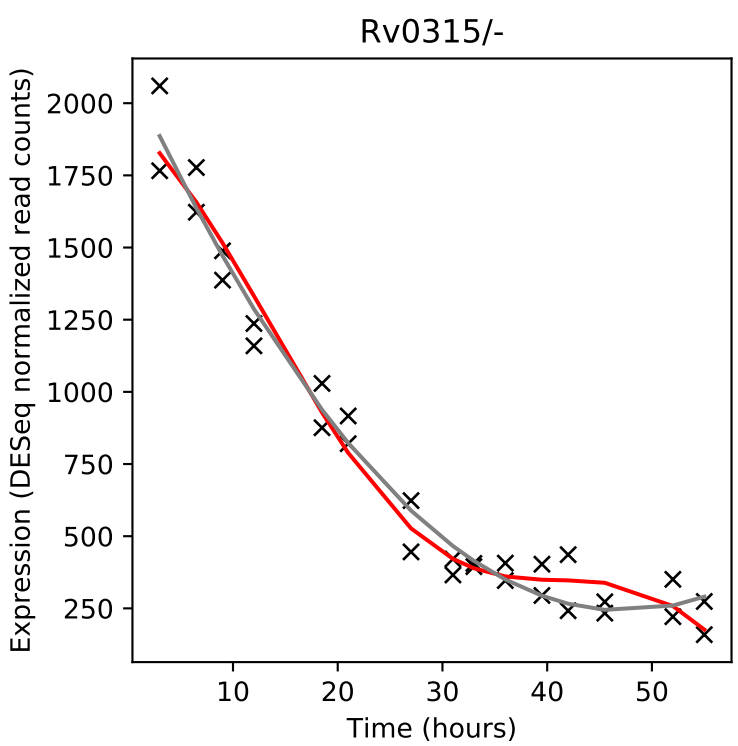

Rv0310c/-
Expression (DESeq normalized read counts)
Time (hours)

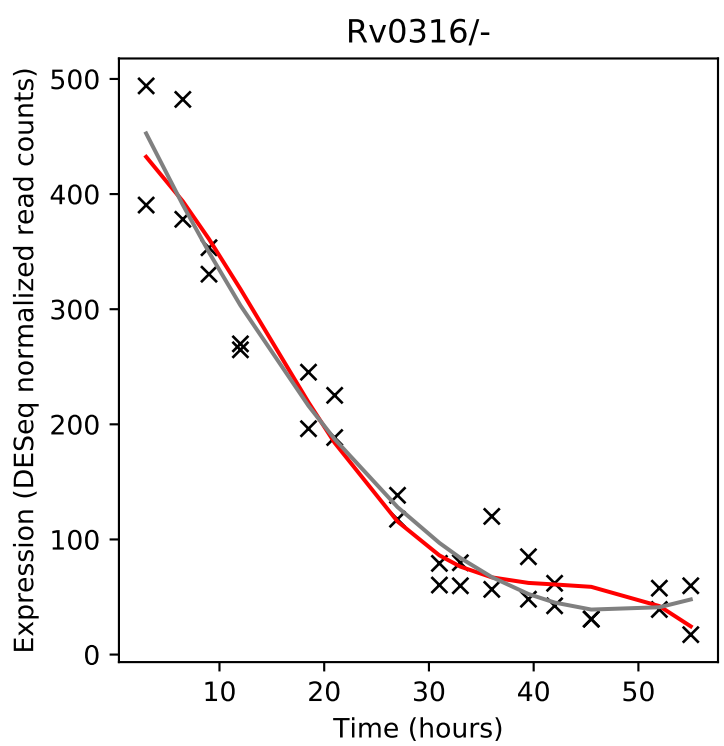

Rv0311/-
Expression (DESeq normalized read counts)
Time (hours)

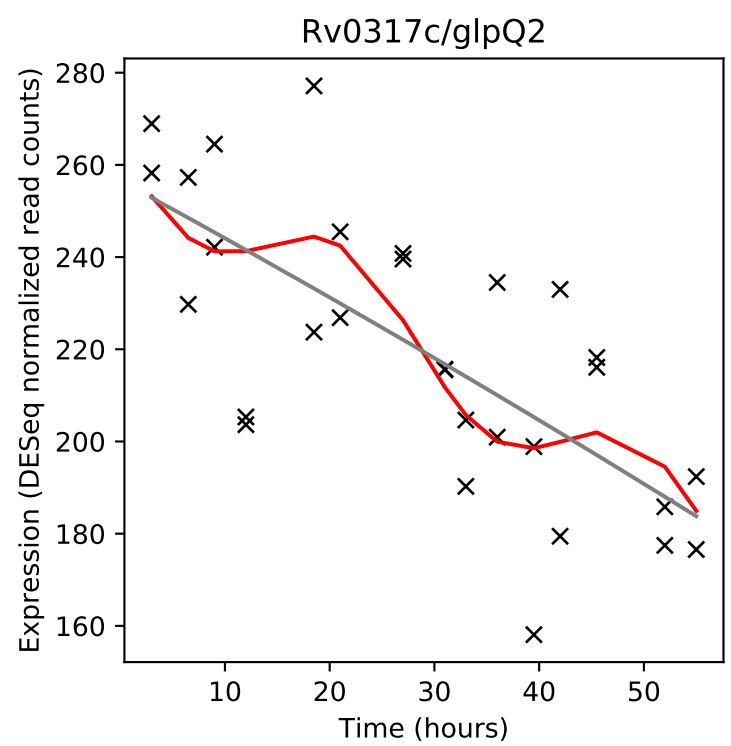

Rv0312/-
Expression (DESeq normalized read counts)
Time (hours)

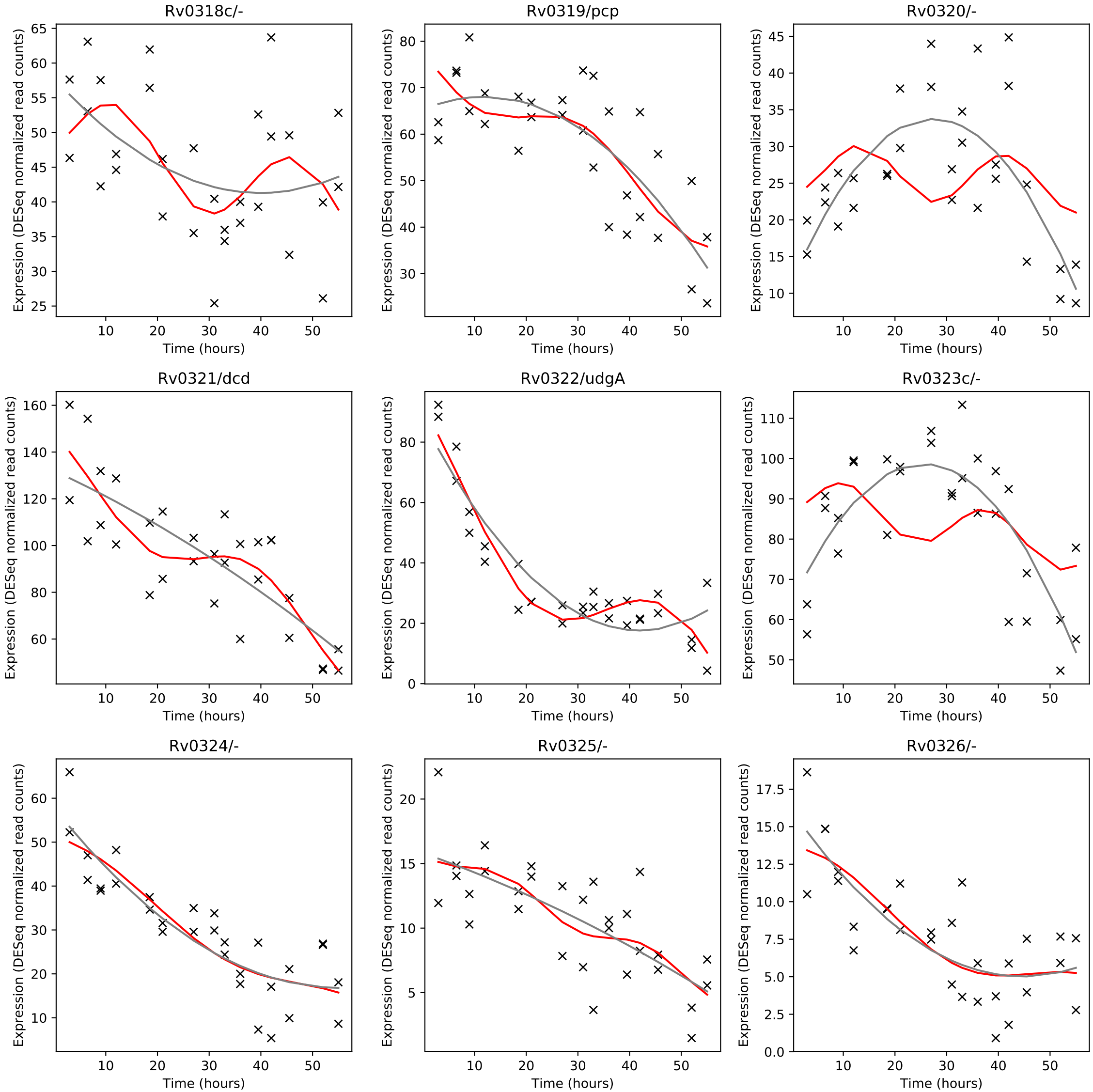

Rv0313/-
Expression (DESeq normalized read counts)
Time (hours)

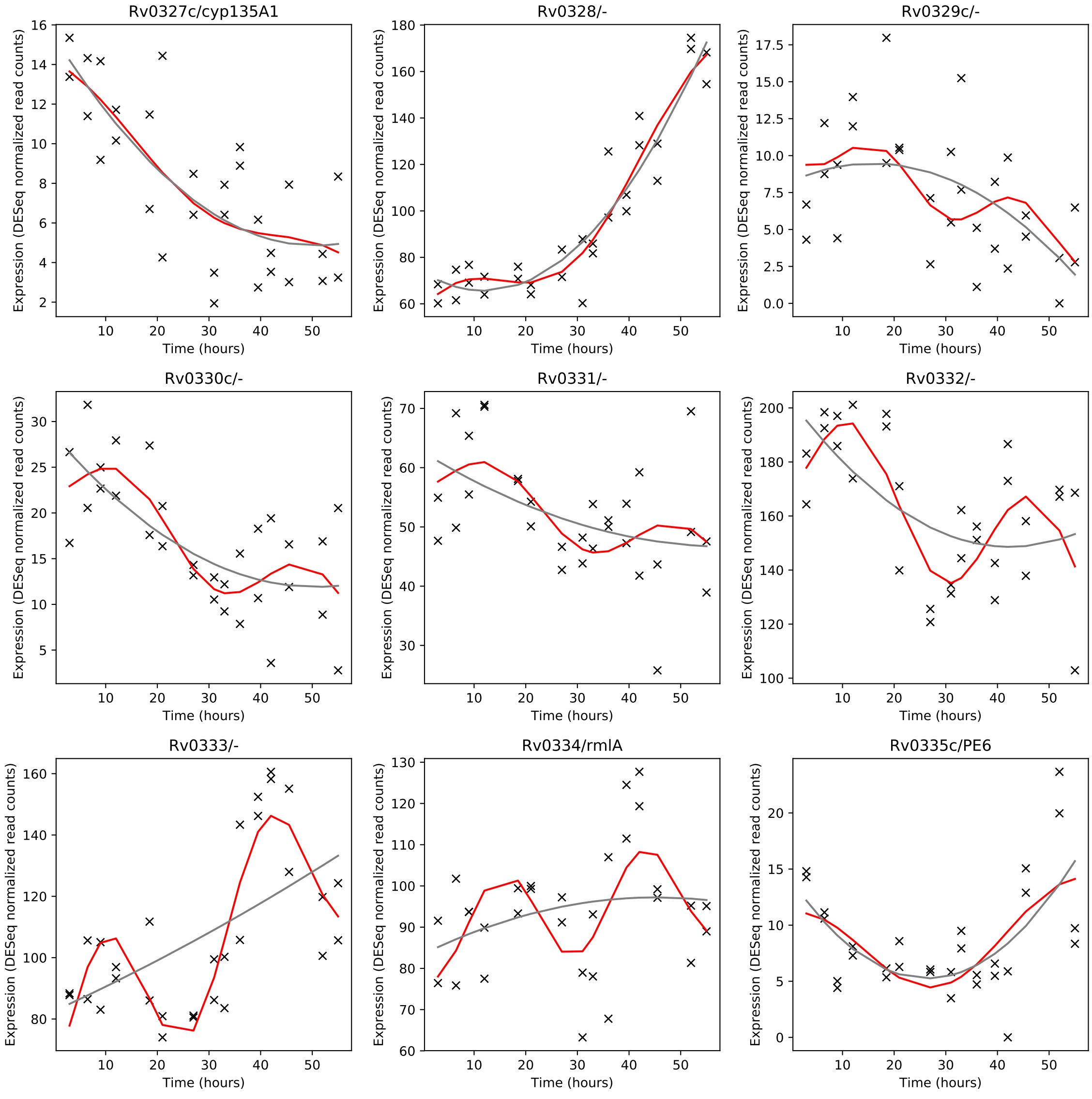

Rv0314c/-
Expression (DESeq normalized read counts)
Time (hours)

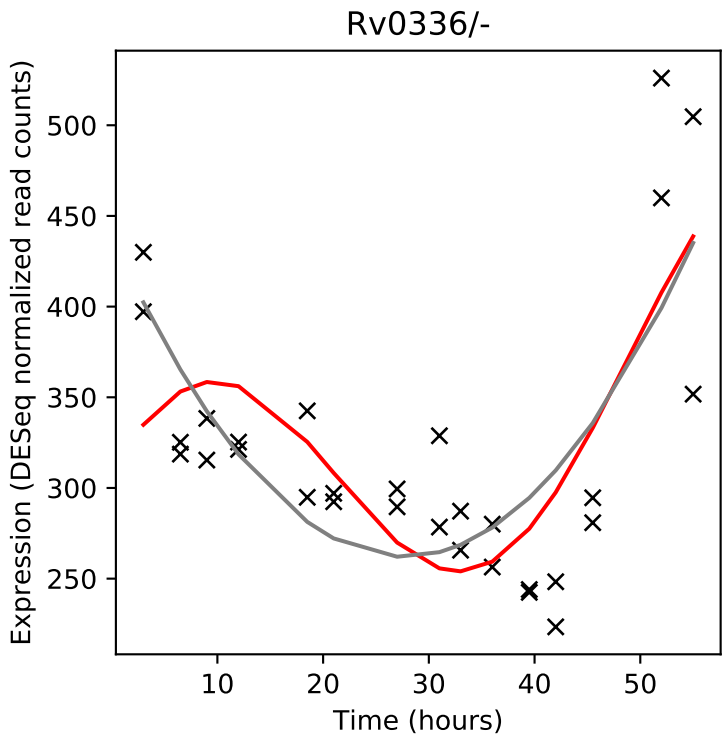

Rv0315/-
Expression (DESeq normalized read counts)
Time (hours)

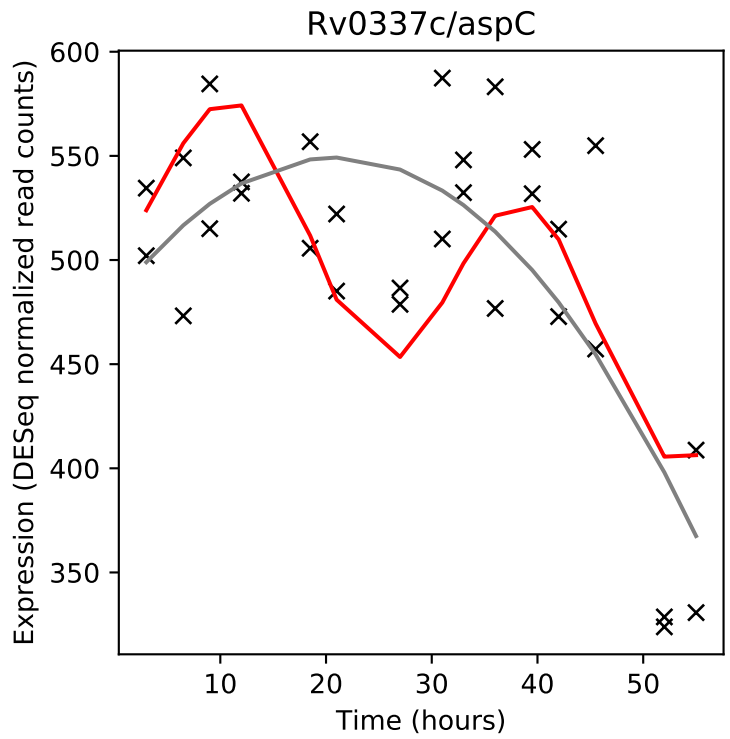

Rv0316/-
Expression (DESeq normalized read counts)
Time (hours)

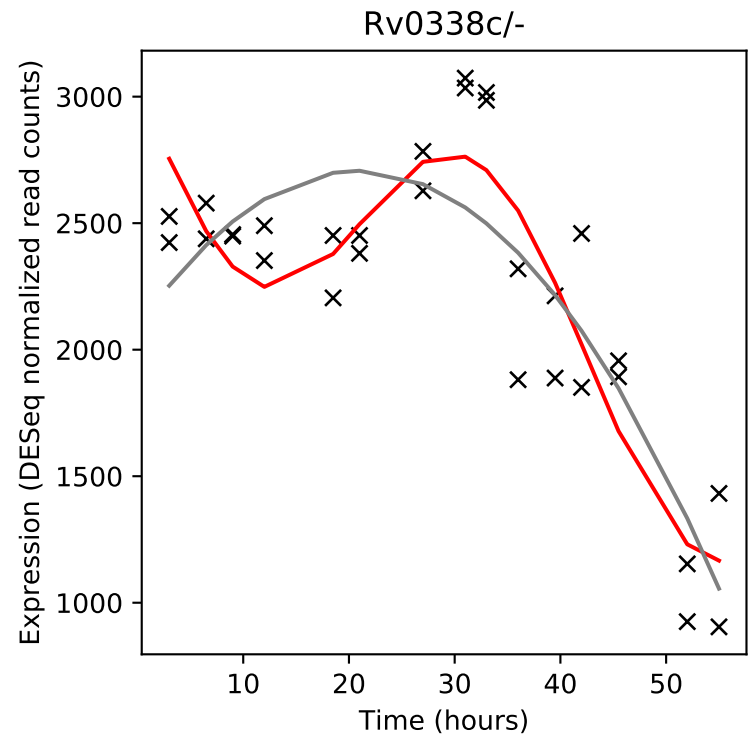

Rv0317c/glpQ2
Expression (DESeq normalized read counts)
Time (hours)

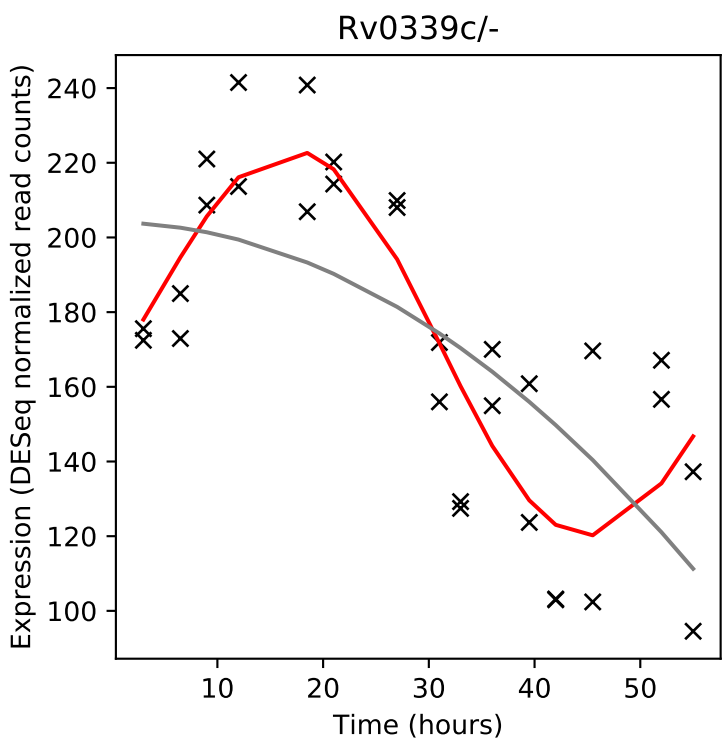

Rv0318c/-
Rv0319/pcp
Rv0320/-
Rv0321/dcd
Rv0322/udgA
Rv0323c/-
Rv0324/-
Rv0325/-
Rv0326/-
Expression (DESeq normalized read counts)
Time (hours)

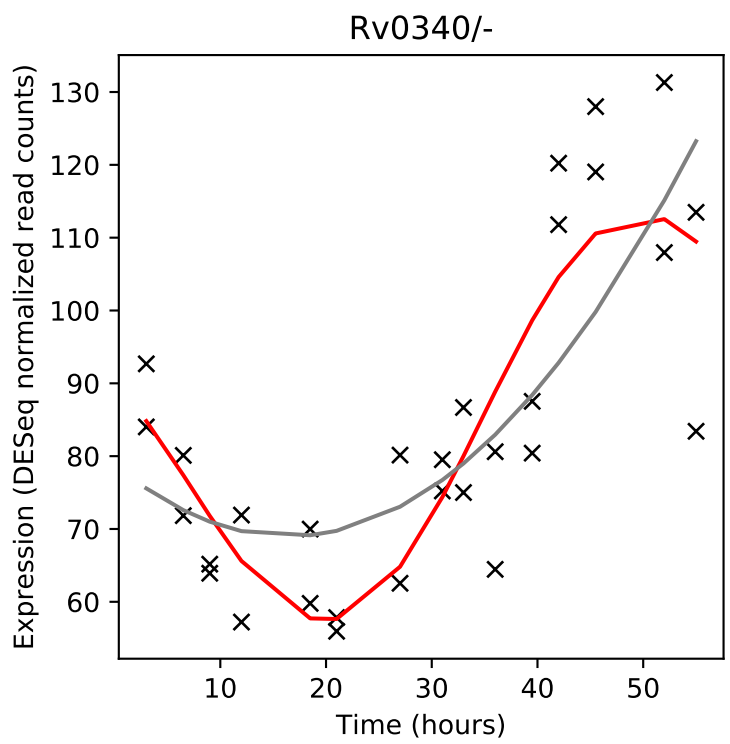

Rv0327c/cyp135A1
Rv0328/-
Rv0329c/-
Rv0330c/-
Rv0331/-
Rv0332/-
Rv0333/-
Rv0334/rmlA
Rv0335c/PE6
Expression (DESeq normalized read counts)
Time (hours)

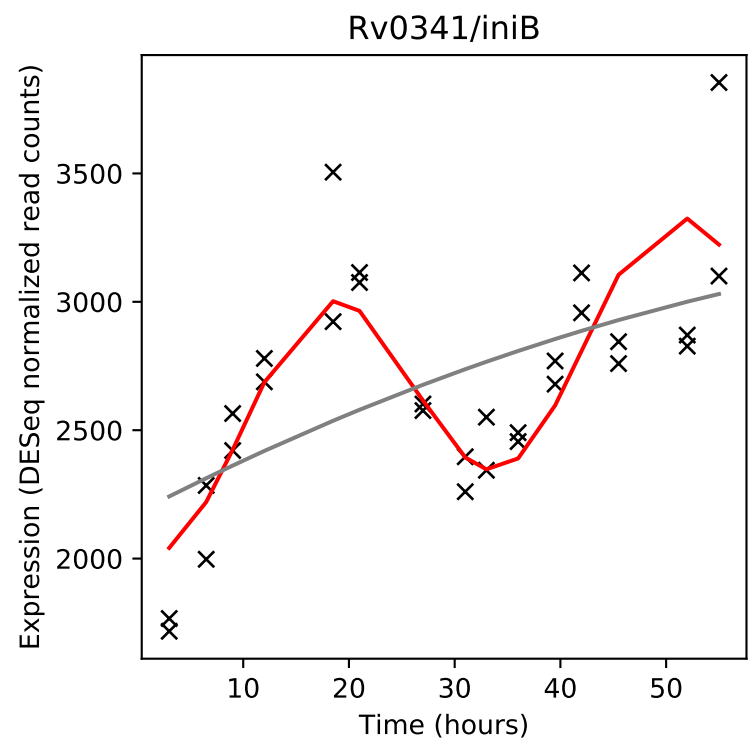

Rv0336/-
Expression (DESeq normalized read counts)
Time (hours)

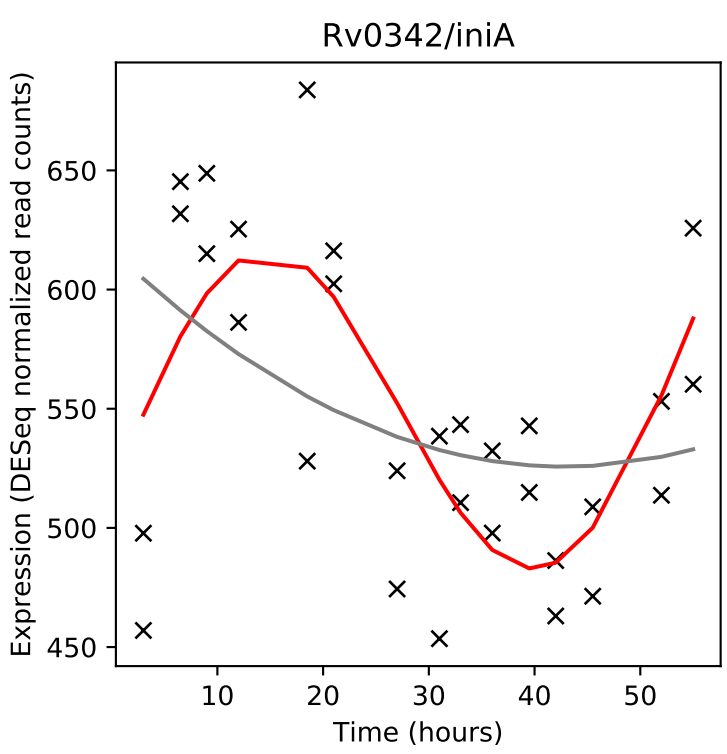

Rv0337c/aspC
Expression (DESeq normalized read counts)
Time (hours)

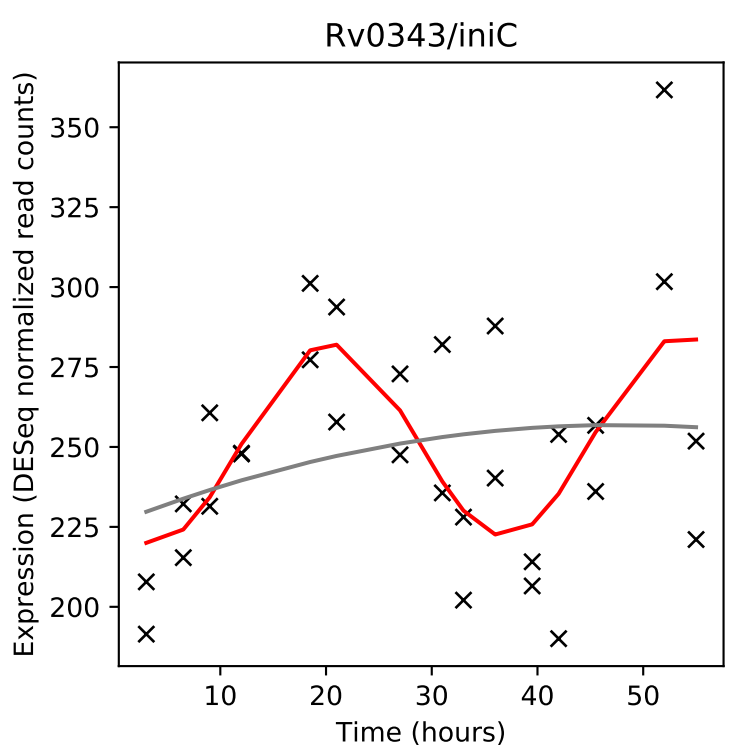

Rv0338c/-
Expression (DESeq normalized read counts)
Time (hours)

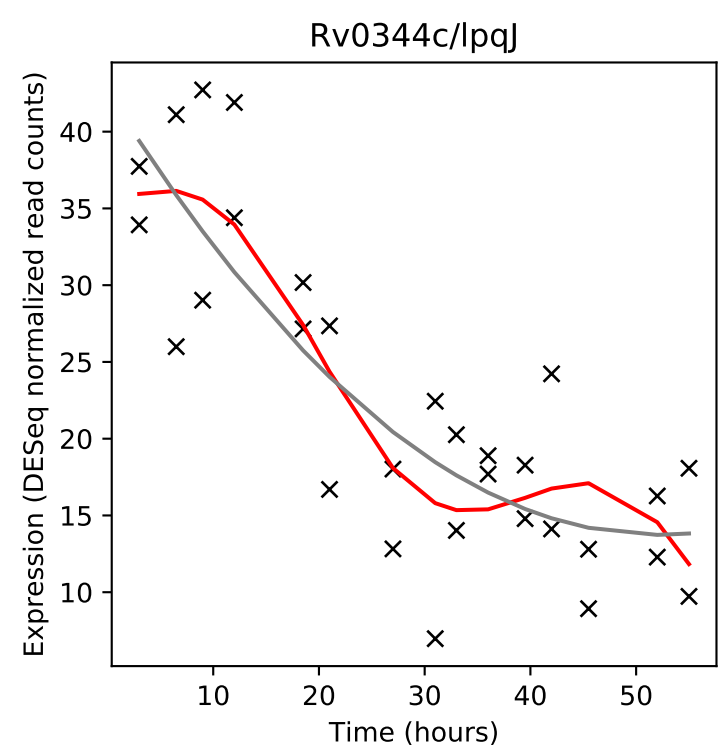

Rv0339c/-
Expression (DESeq normalized read counts)
Time (hours)

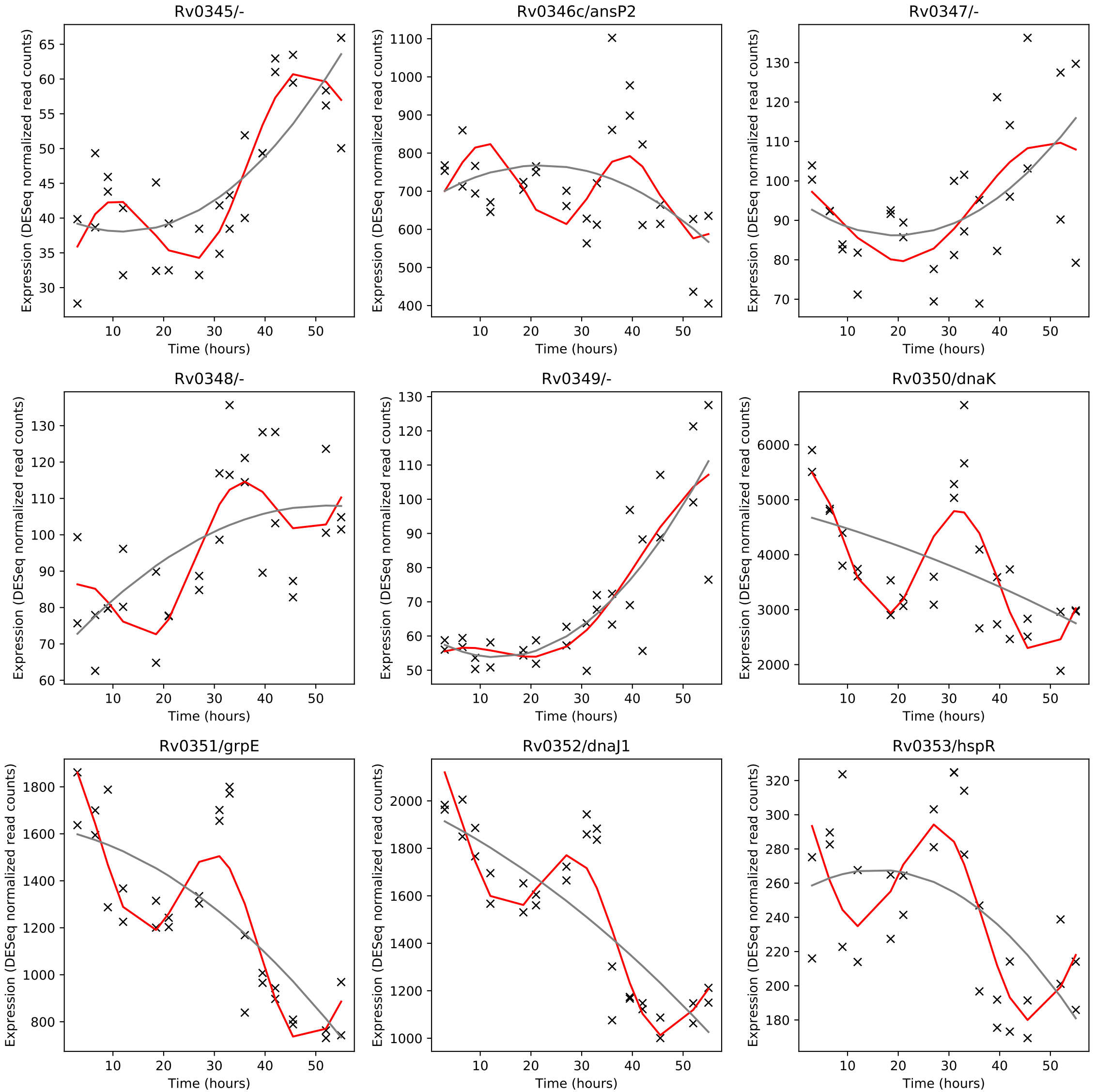

Rv0340/-
Expression (DESeq normalized read counts)
Time (hours)

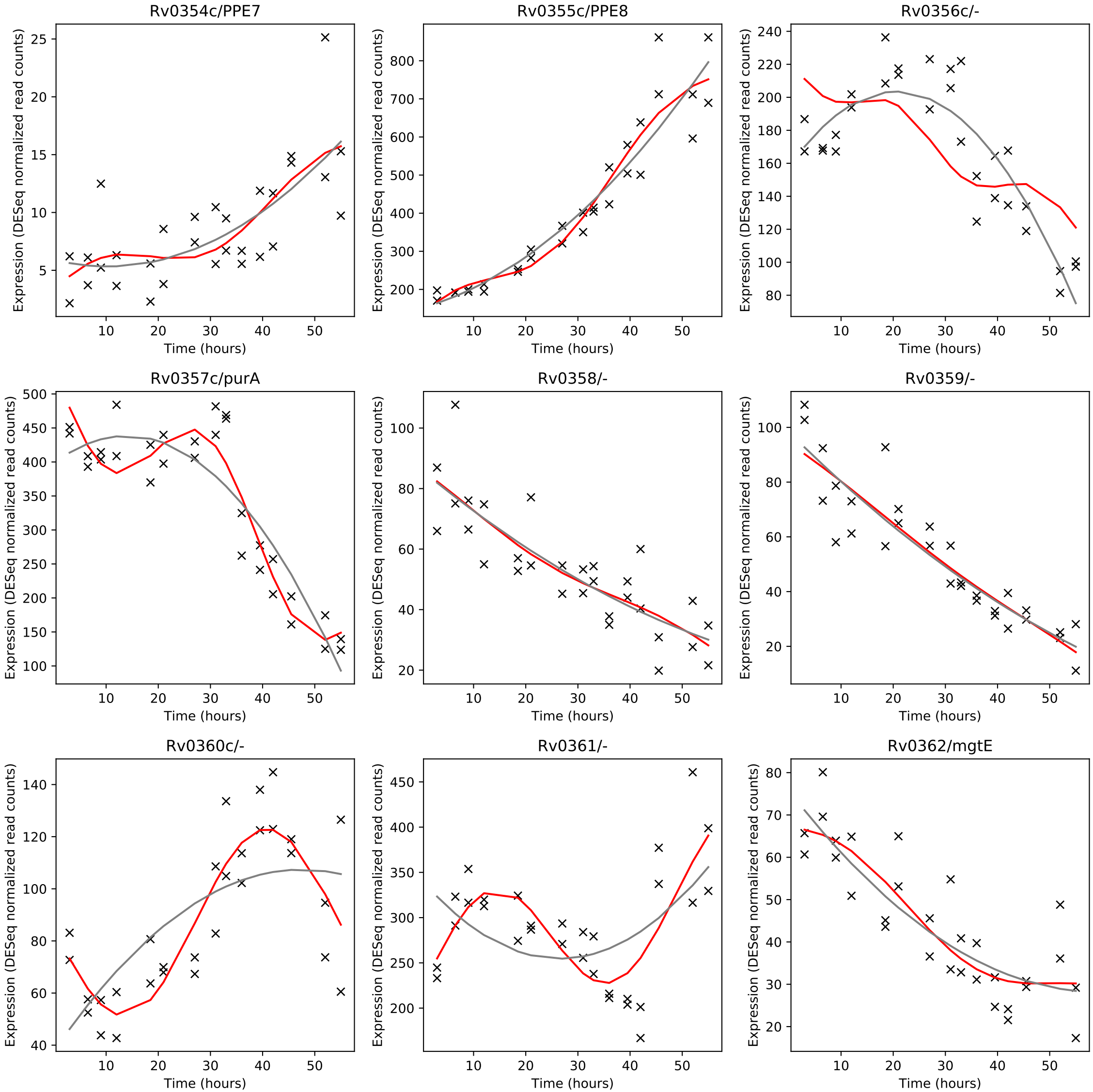

Rv0341/iniB
Expression (DESeq normalized read counts)
Time (hours)

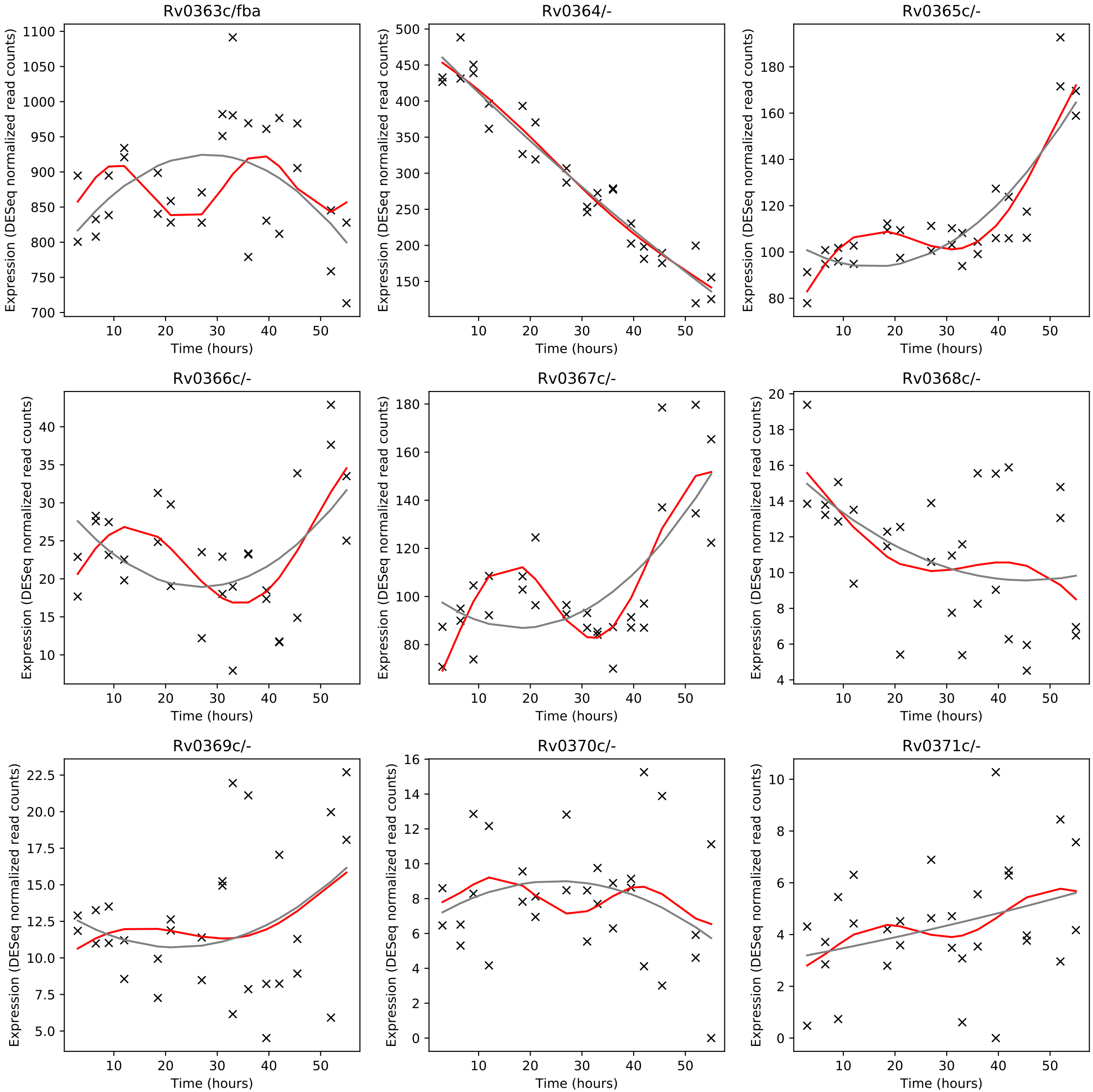

Rv0342/iniA
Expression (DESeq normalized read counts)
Time (hours)

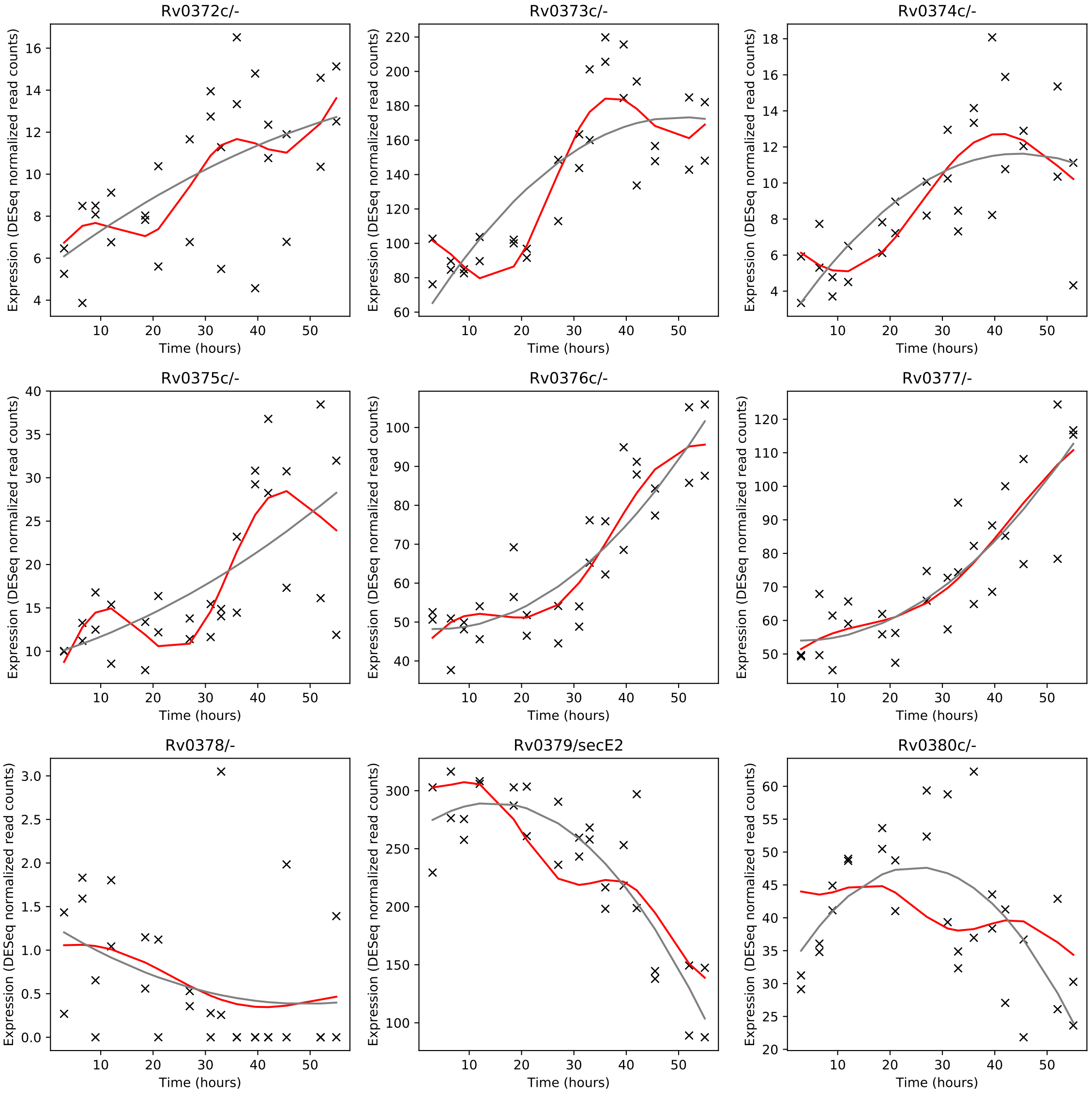

Rv0343/iniC
Expression (DESeq normalized read counts)
Time (hours)

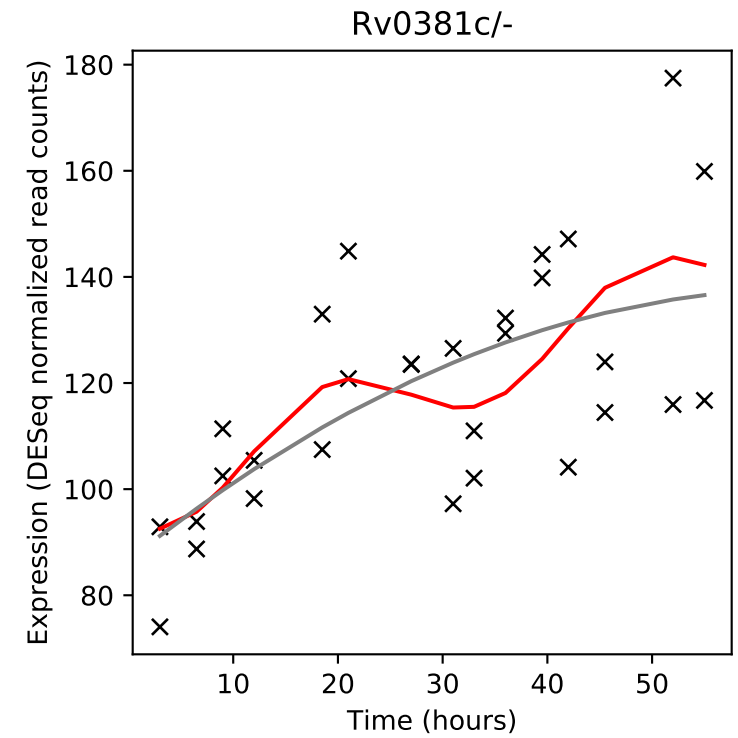

Rv0344c/lpqJ
Expression (DESeq normalized read counts)
Time (hours)

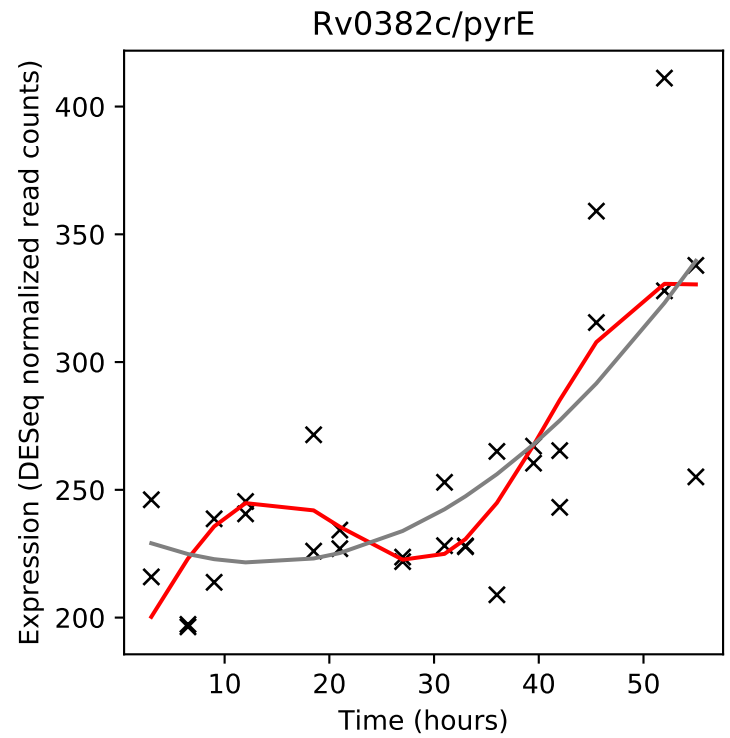

Rv0345/-
Rv0346c/ansP2
Rv0347/-
Rv0348/-
Rv0349/-
Rv0350/dnaK
Rv0351/grpE
Rv0352/dnaJ1
Rv0353/hspR
Expression (DESeq normalized read counts)
Time (hours)

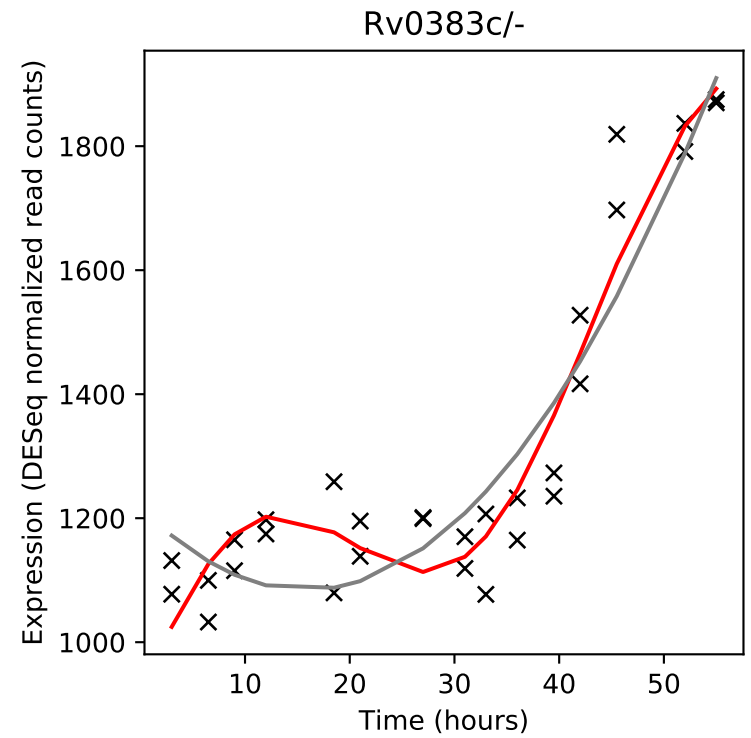

Rv0354c/PPE7
Rv0355c/PPE8
Rv0356c/-
Rv0357c/purA
Rv0358/-
Rv0359/-
Rv0360c/-
Rv0361/-
Rv0362/mgtE
Expression (DESeq normalized read counts)
Time (hours)

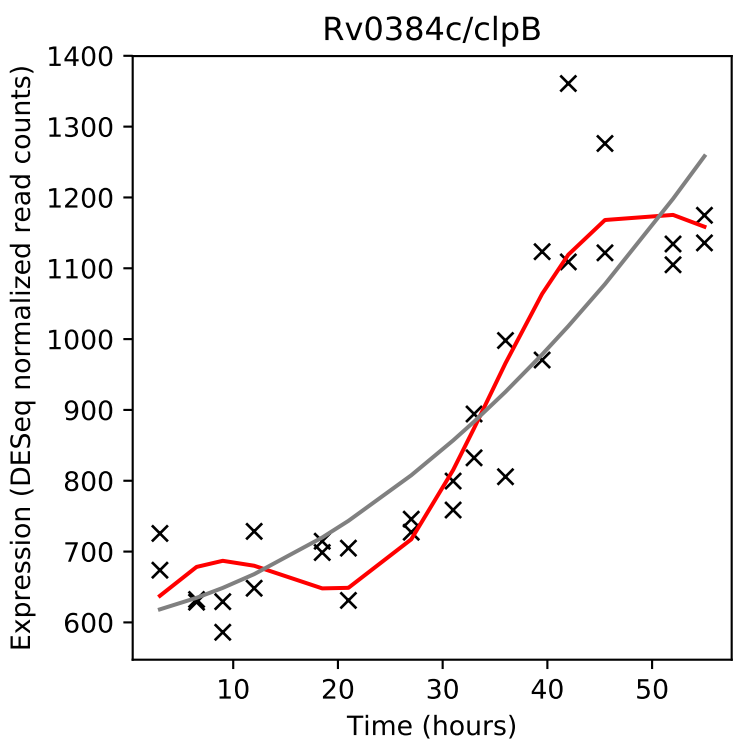

Rv0363c/fba
Rv0364/-
Rv0365c/-
Rv0366c/-
Rv0367c/-
Rv0368c/-
Rv0369c/-
Rv0370c/-
Rv0371c/-
Expression (DESeq normalized read counts)
Time (hours)

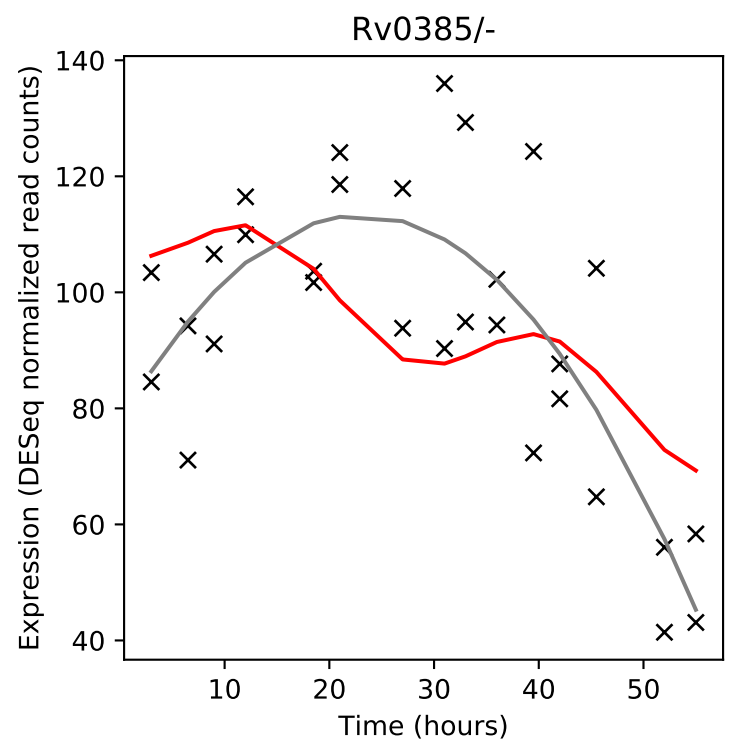

Rv0372c/-
Rv0373c/-
Rv0374c/-
Rv0375c/-
Rv0376c/-
Rv0377/-
Rv0378/-
Rv0379/secE2
Rv0380c/-
Expression (DESeq normalized read counts)
Time (hours)

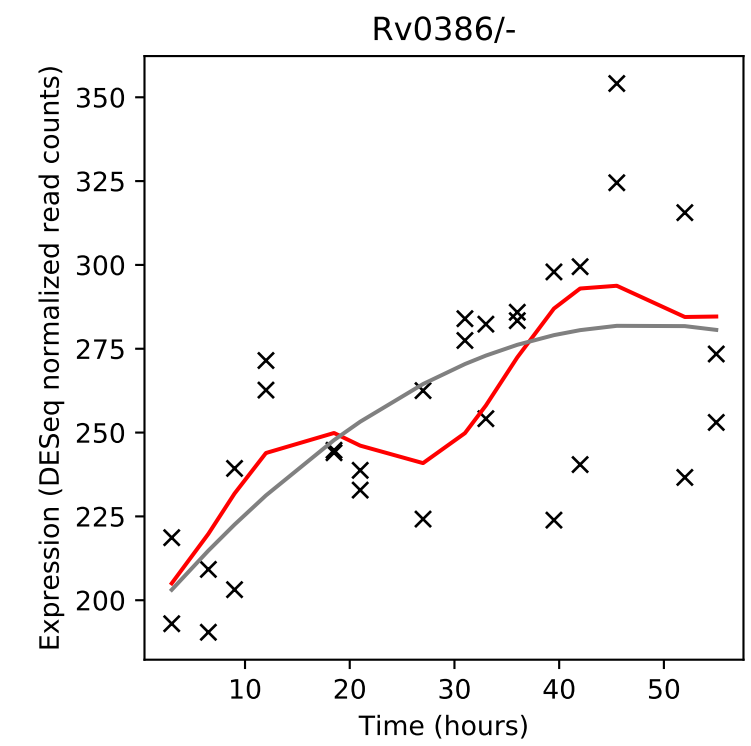

Rv0381c/-
Expression (DESeq normalized read counts)
Time (hours)

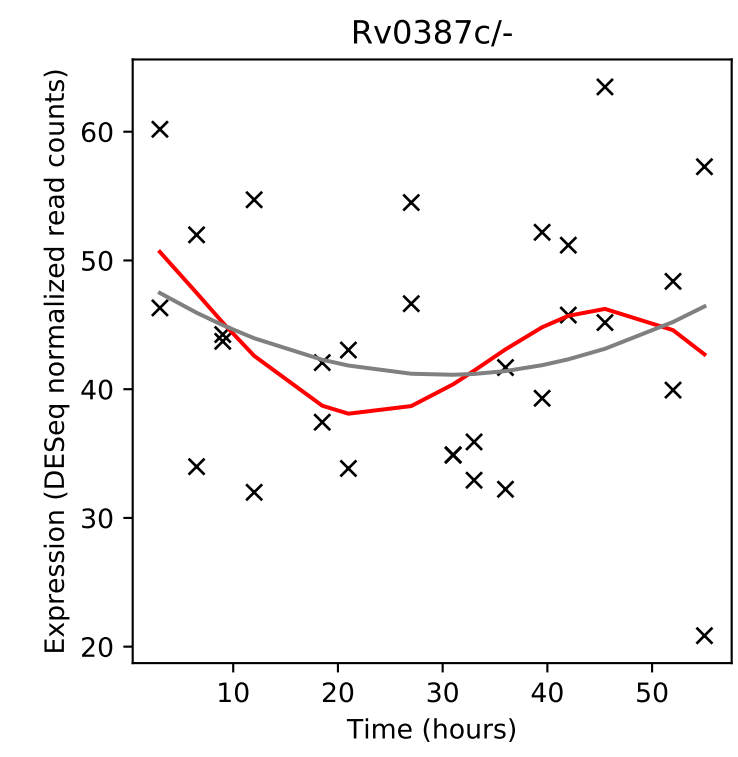

Rv0382c/pyrE
Expression (DESeq normalized read counts)
Time (hours)

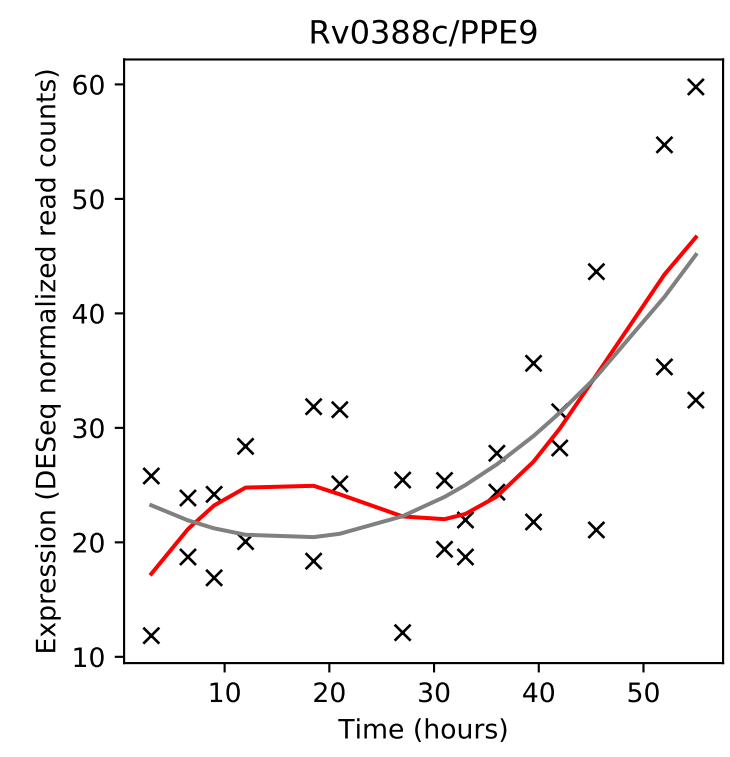

Rv0383c/-
Expression (DESeq normalized read counts)
Time (hours)

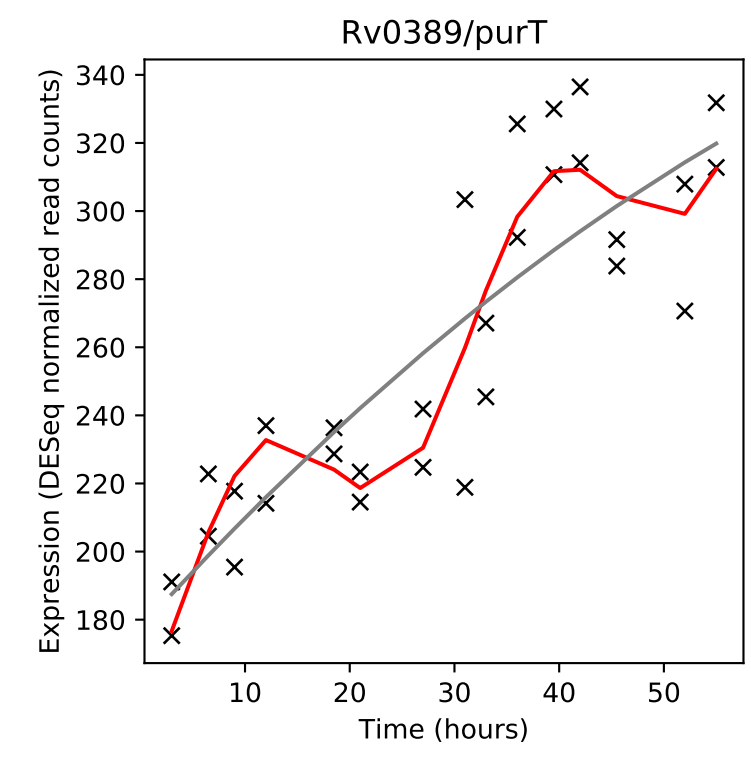

Rv0384c/clpB
Expression (DESeq normalized read counts)
Time (hours)

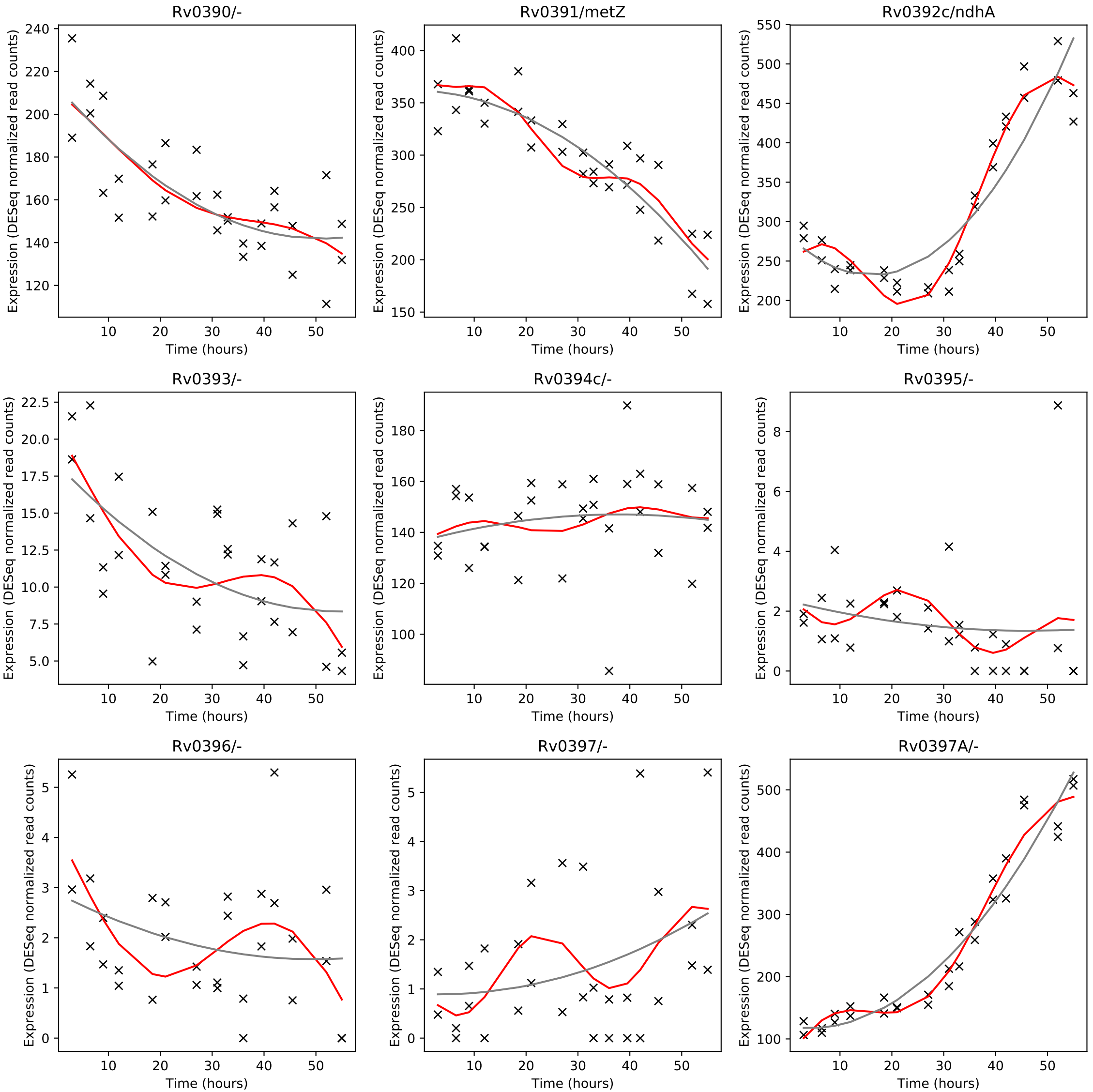

Rv0385/-
Expression (DESeq normalized read counts)
Time (hours)

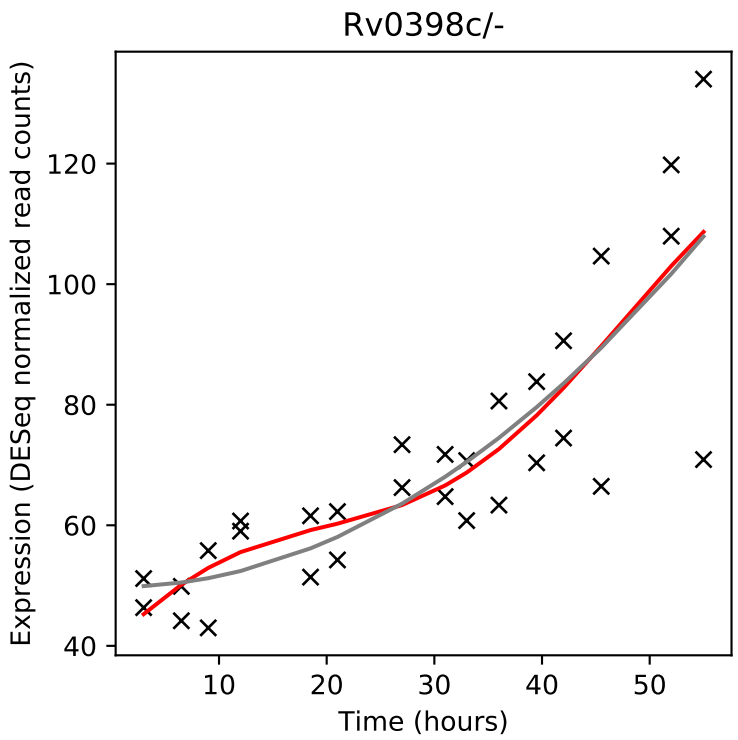

Rv0386/-
Expression (DESeq normalized read counts)
Time (hours)

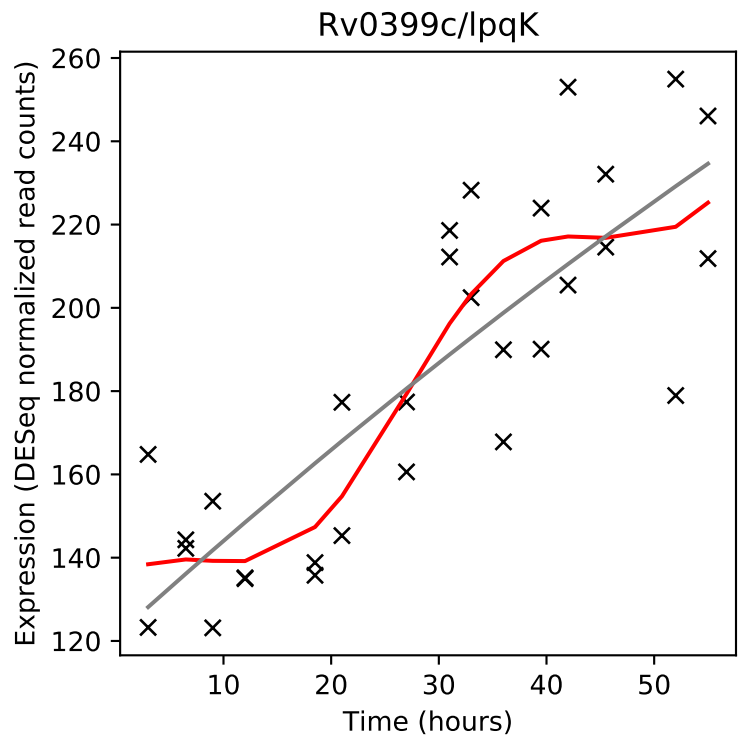

Rv0387c/-
Expression (DESeq normalized read counts)
Time (hours)

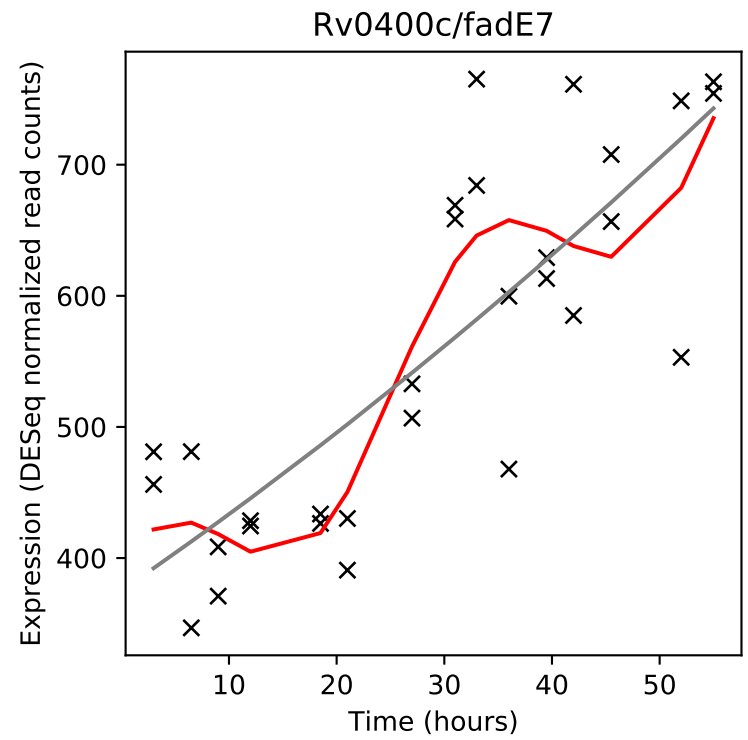

Rv0388c/PPE9
Expression (DESeq normalized read counts)
Time (hours)

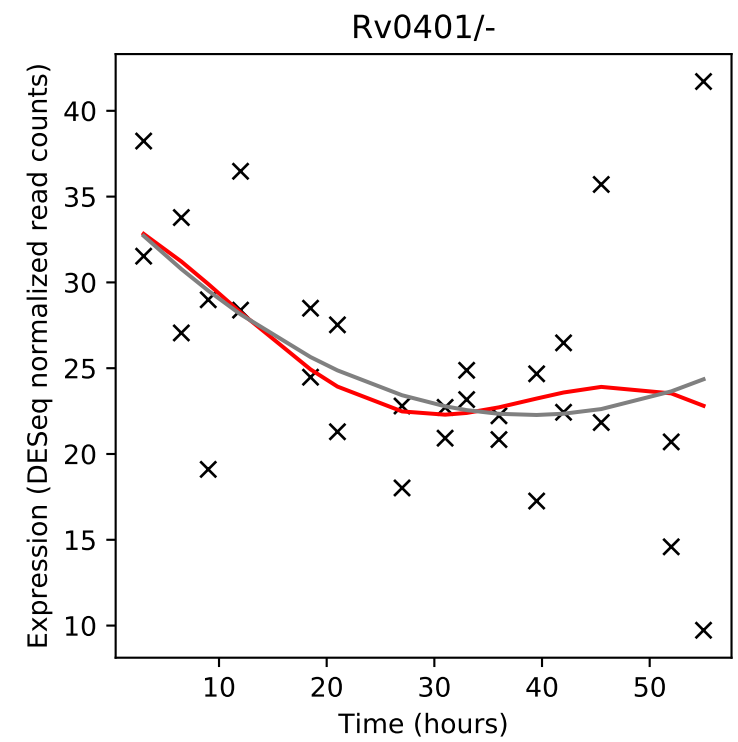

Rv0389/purT
Expression (DESeq normalized read counts)
Time (hours)

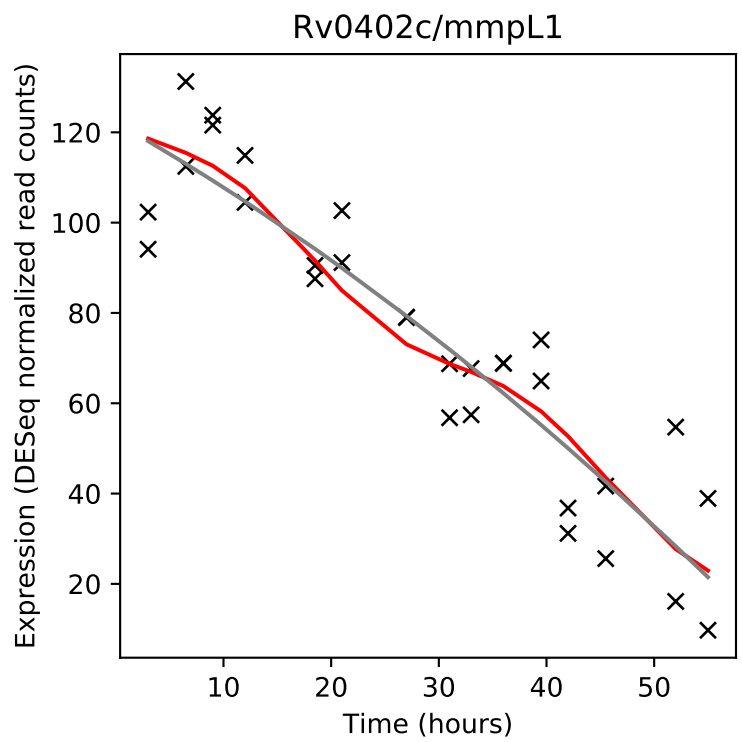

Rv0390/-
Rv0391/metZ
Rv0392c/ndhA
Rv0393/-
Rv0394c/-
Rv0395/-
Rv0396/-
Rv0397/-
Rv0397A/-
Expression (DESeq normalized read counts)
Time (hours)

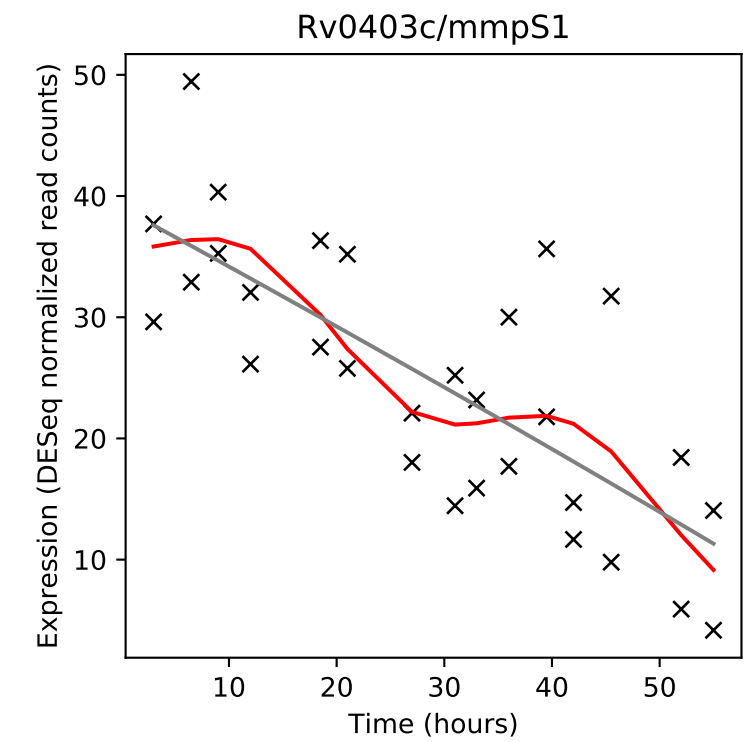

Rv0398c/-
Expression (DESeq normalized read counts)
Time (hours)

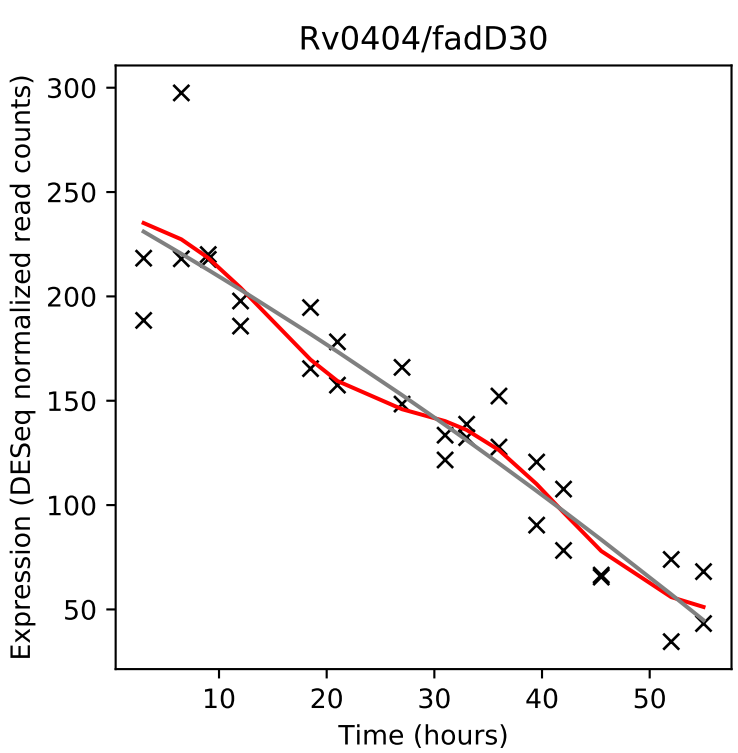

Rv0399c/lpqK
Expression (DESeq normalized read counts)
Time (hours)

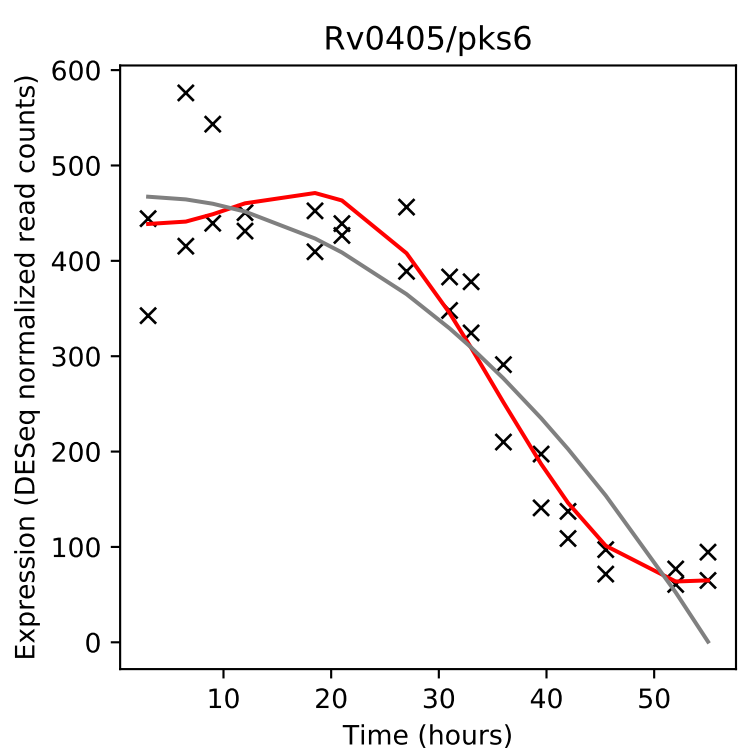

Rv0400c/fadE7
Expression (DESeq normalized read counts)
Time (hours)

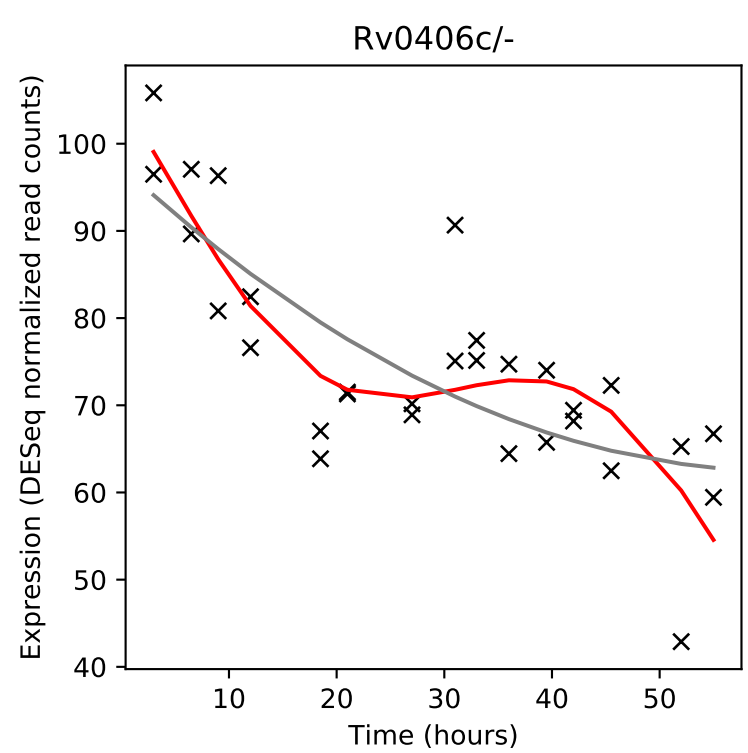

Rv0401/-
Expression (DESeq normalized read counts)
Time (hours)

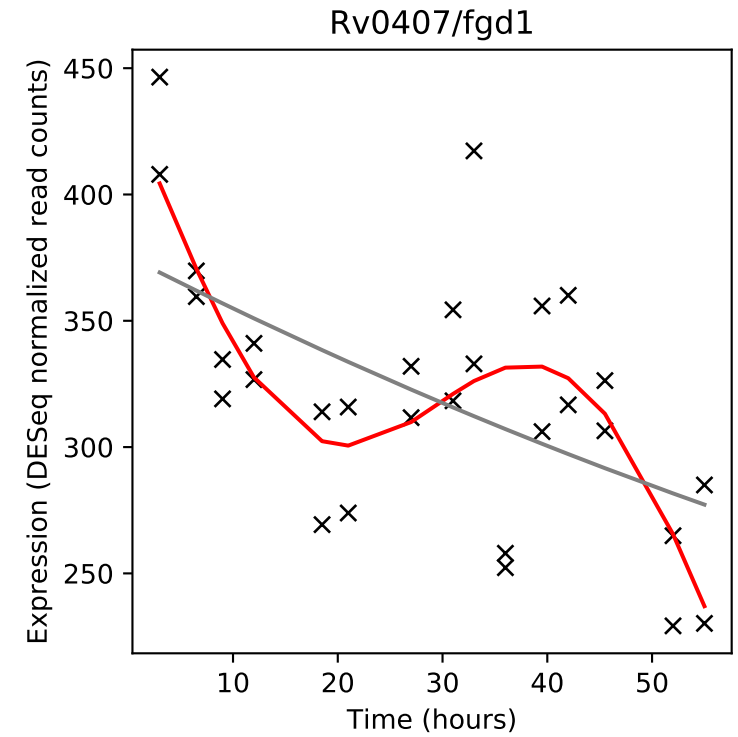

Rv0402c/mmpL1
Expression (DESeq normalized read counts)
Time (hours)

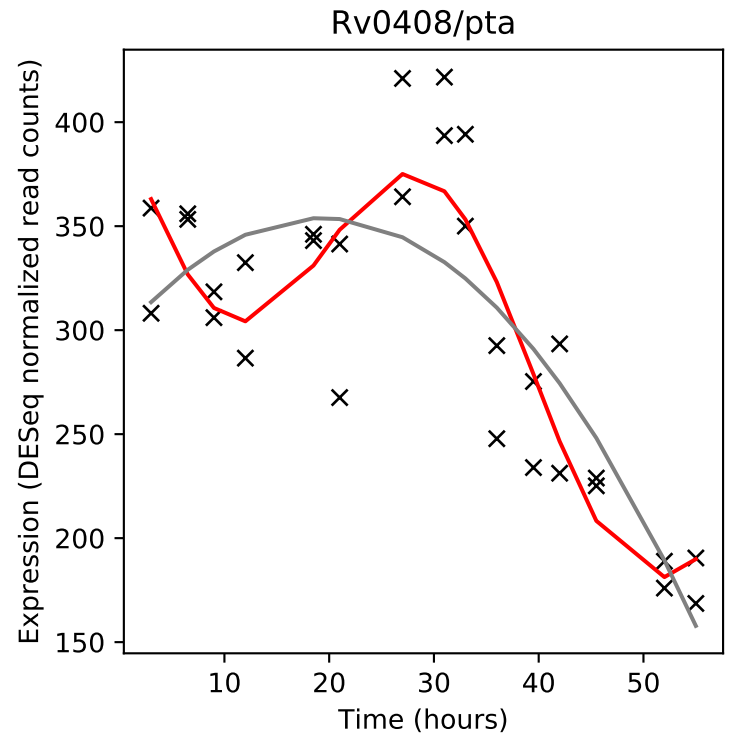

Rv0403c/mmpS1
Expression (DESeq normalized read counts)
Time (hours)

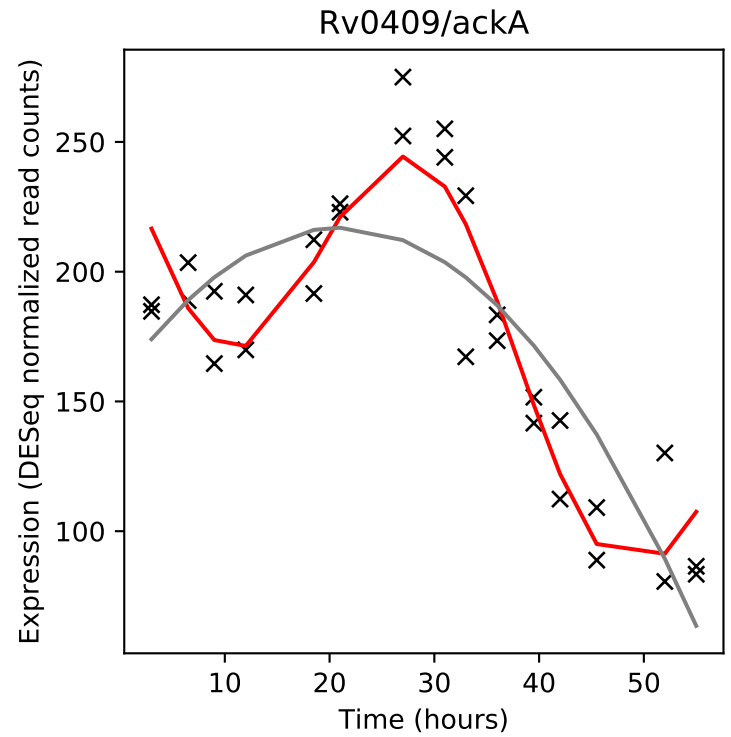

Rv0404/fadD30
Expression (DESeq normalized read counts)
Time (hours)

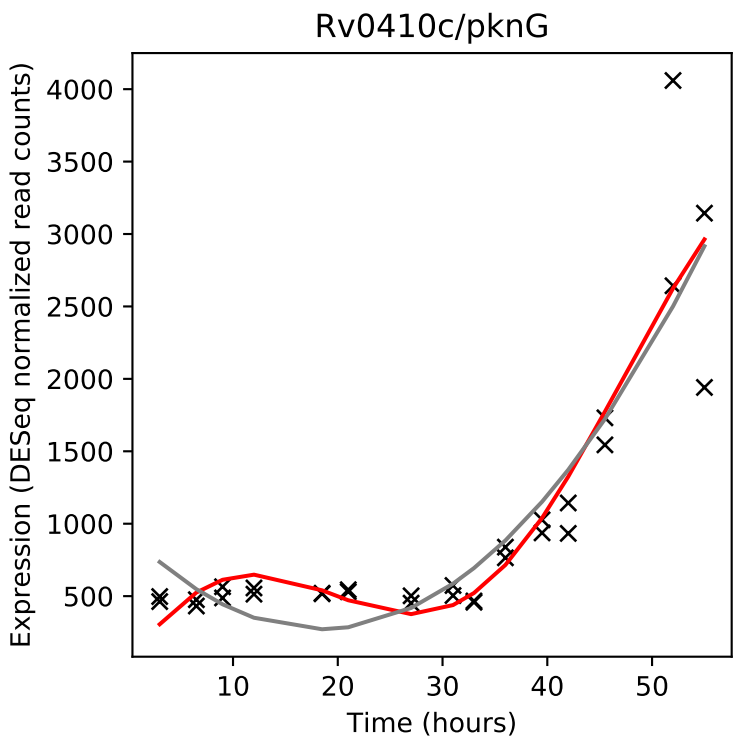

Rv0405/pks6
Expression (DESeq normalized read counts)
Time (hours)

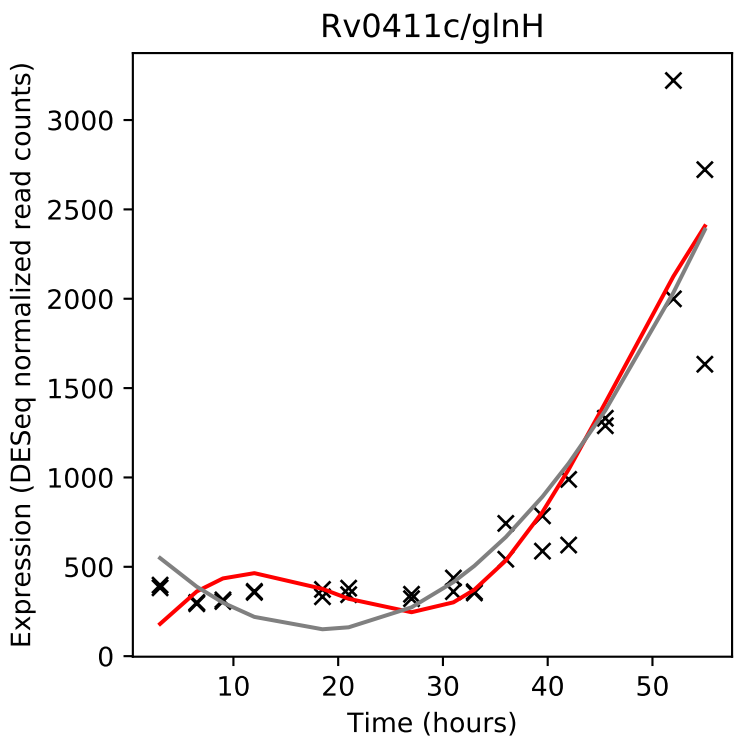

Rv0406c/-
Expression (DESeq normalized read counts)
Time (hours)

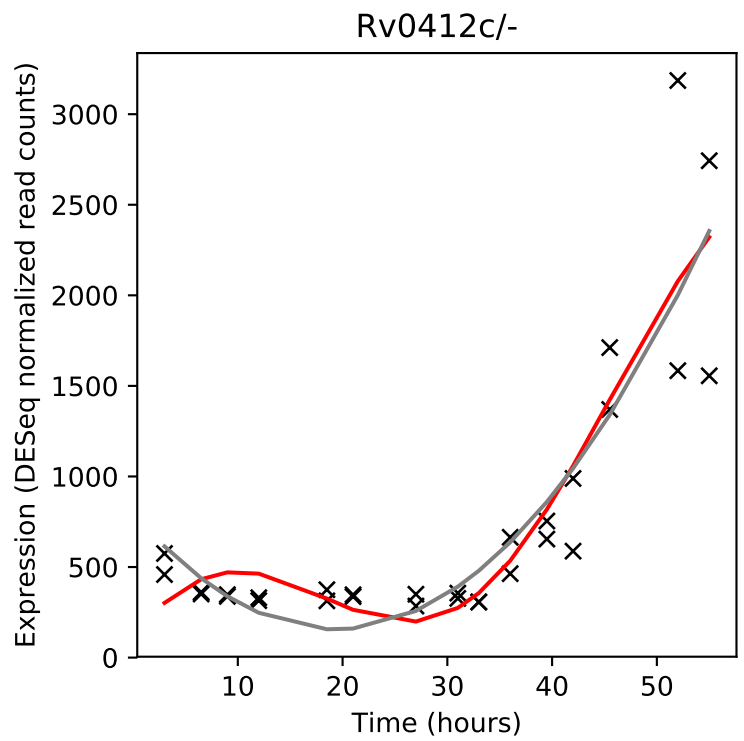

Rv0407/fgd1
Expression (DESeq normalized read counts)
Time (hours)

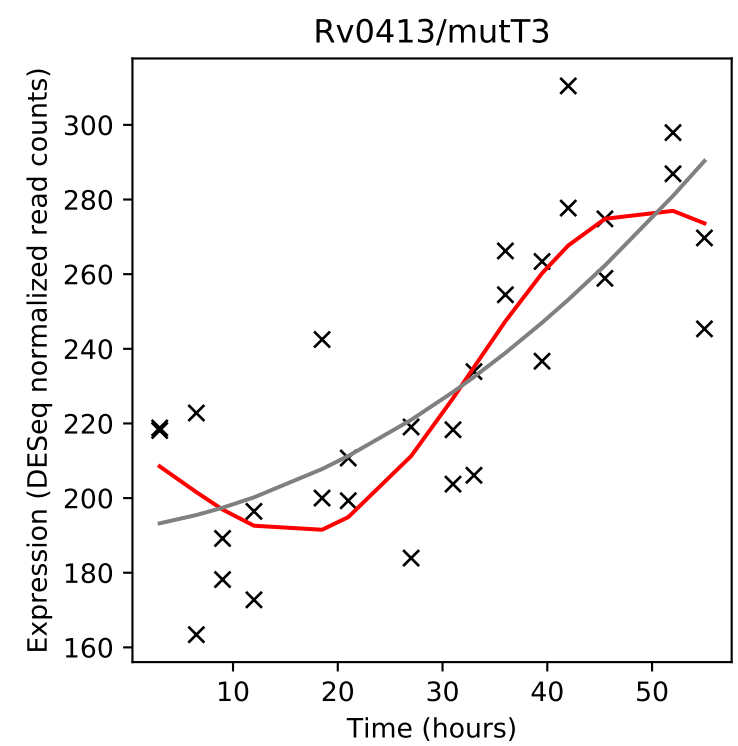

Rv0408/pta
Expression (DESeq normalized read counts)
Time (hours)

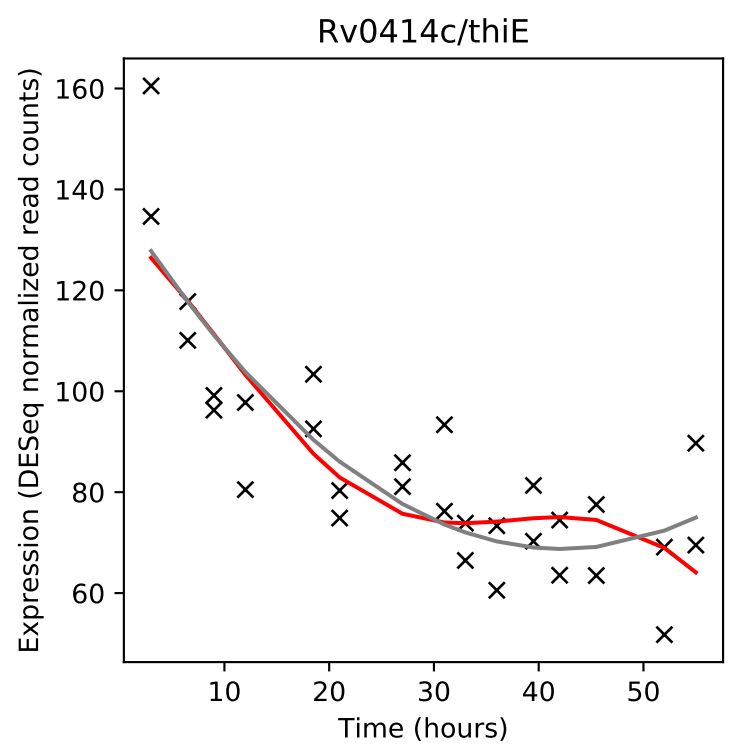

Rv0409/ackA
Expression (DESeq normalized read counts)
Time (hours)

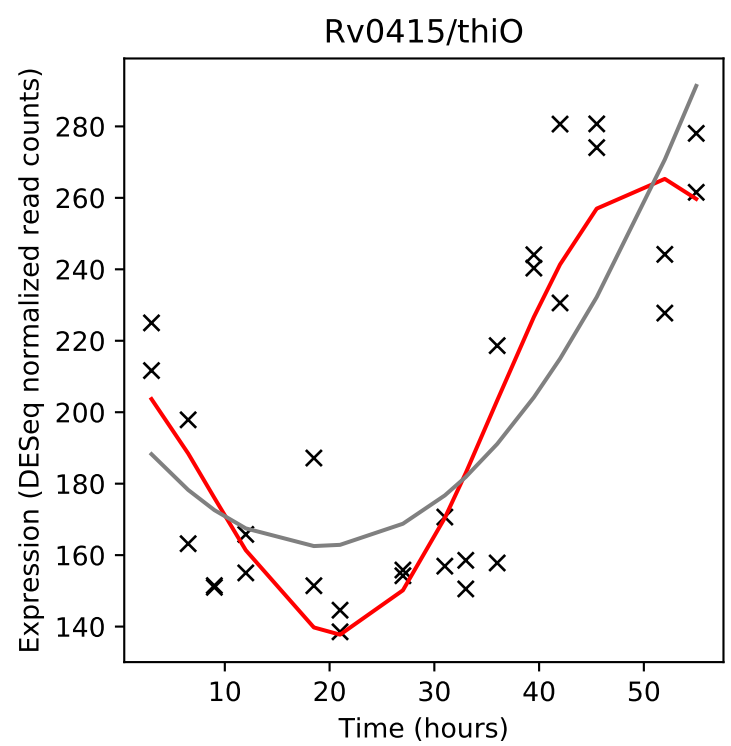

Rv0410c/pknG
Expression (DESeq normalized read counts)
Time (hours)

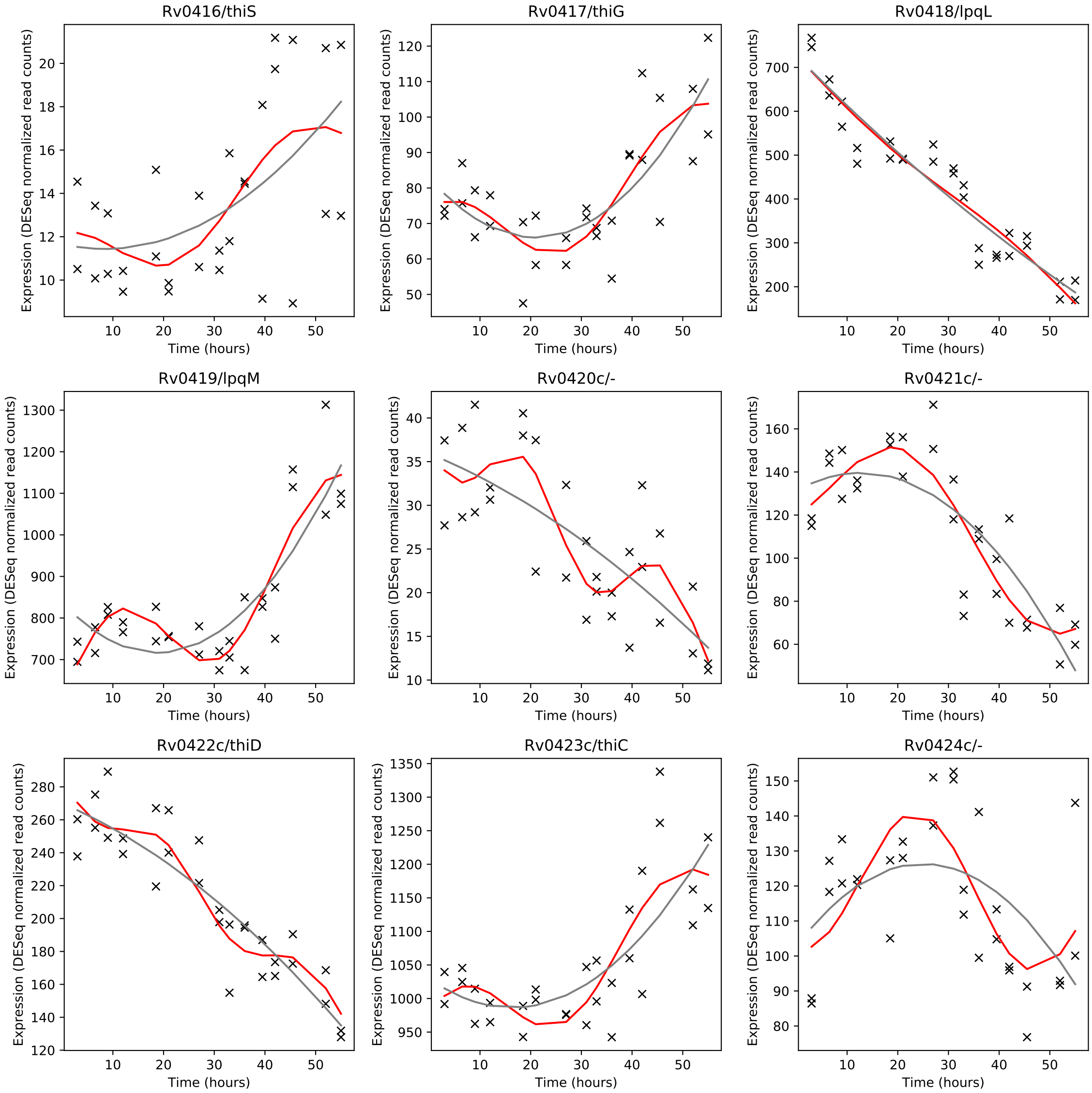

Rv0411c/glnH
Expression (DESeq normalized read counts)
Time (hours)

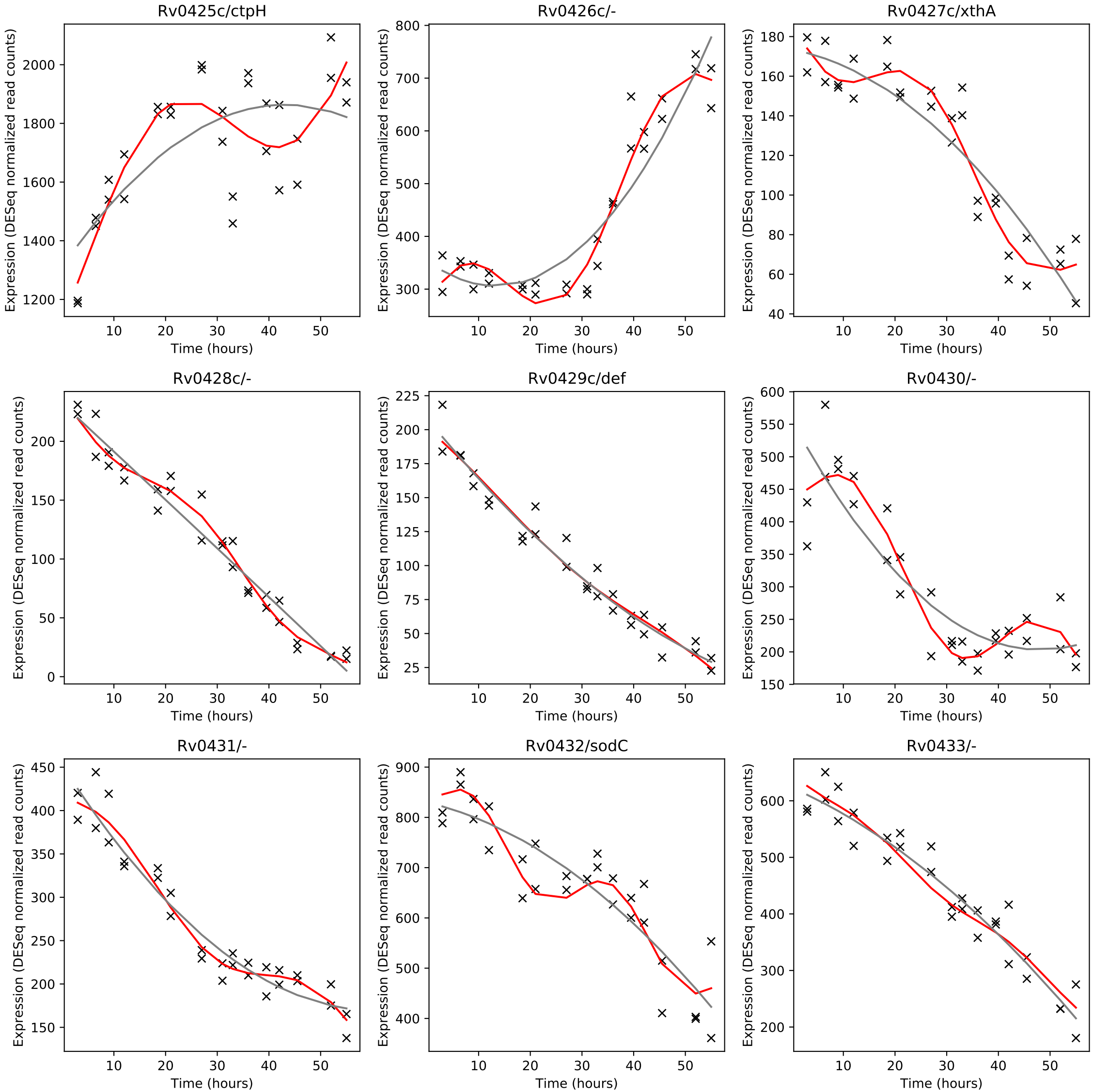

Rv0412c/-
Expression (DESeq normalized read counts)
Time (hours)

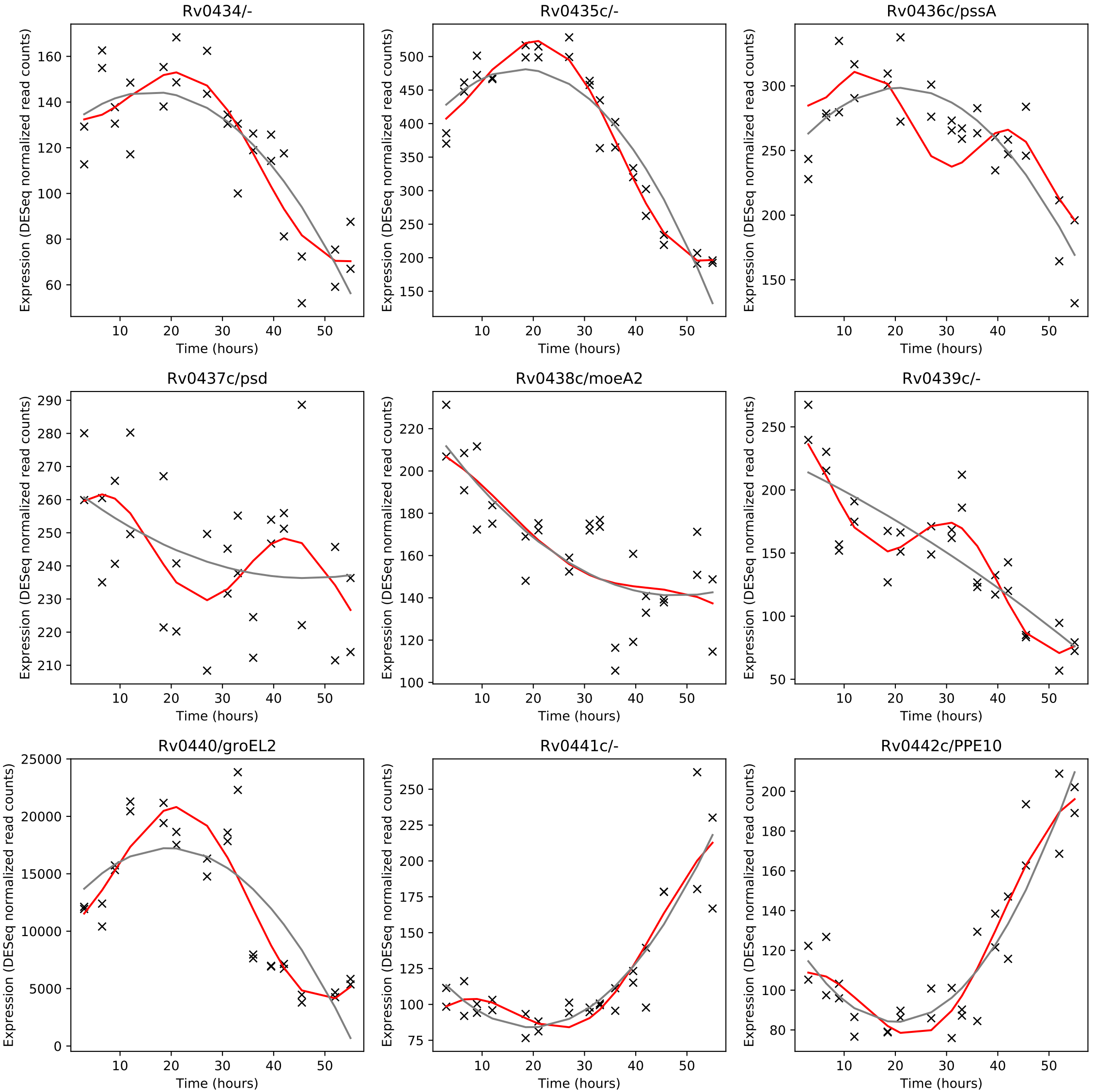

Rv0413/mutT3
Expression (DESeq normalized read counts)
Time (hours)

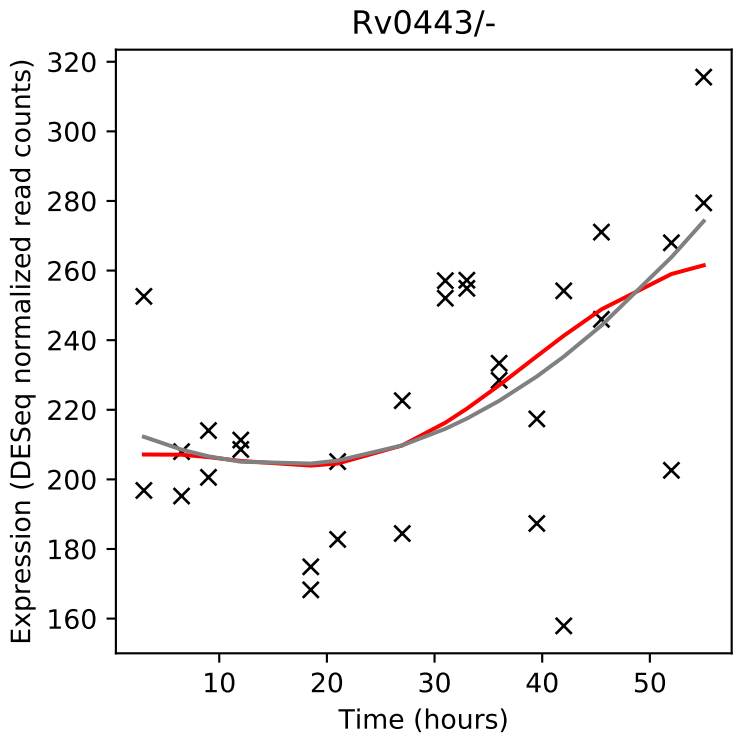

Rv0414c/thiE
Expression (DESeq normalized read counts)
Time (hours)

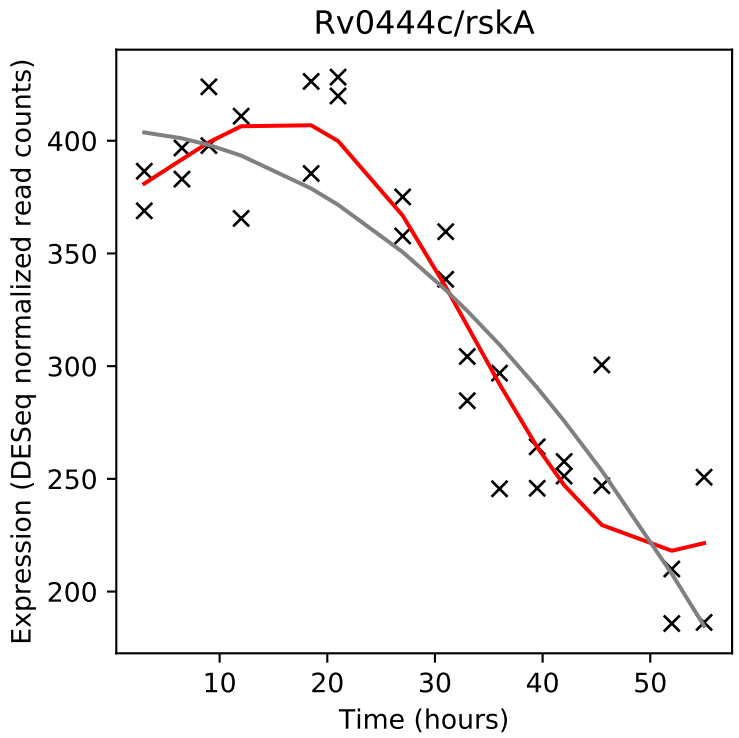

Rv0415/thiO
Expression (DESeq normalized read counts)
Time (hours)

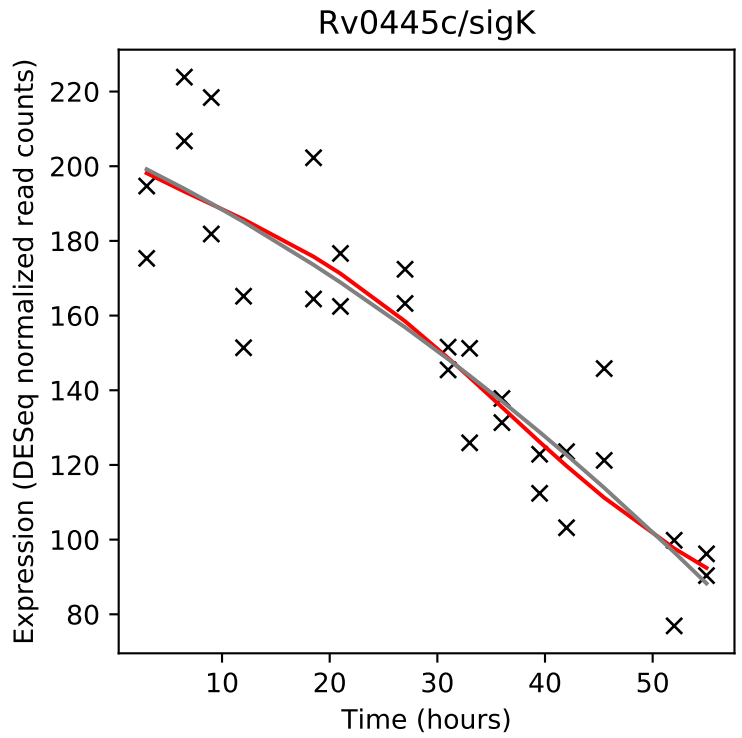

Rv0416/thiS
Rv0417/thiG
Rv0418/lpqL
Rv0419/lpqM
Rv0420c/-
Rv0421c/-
Rv0422c/thiD
Rv0423c/thiC
Rv0424c/-
Expression (DESeq normalized read counts)
Time (hours)

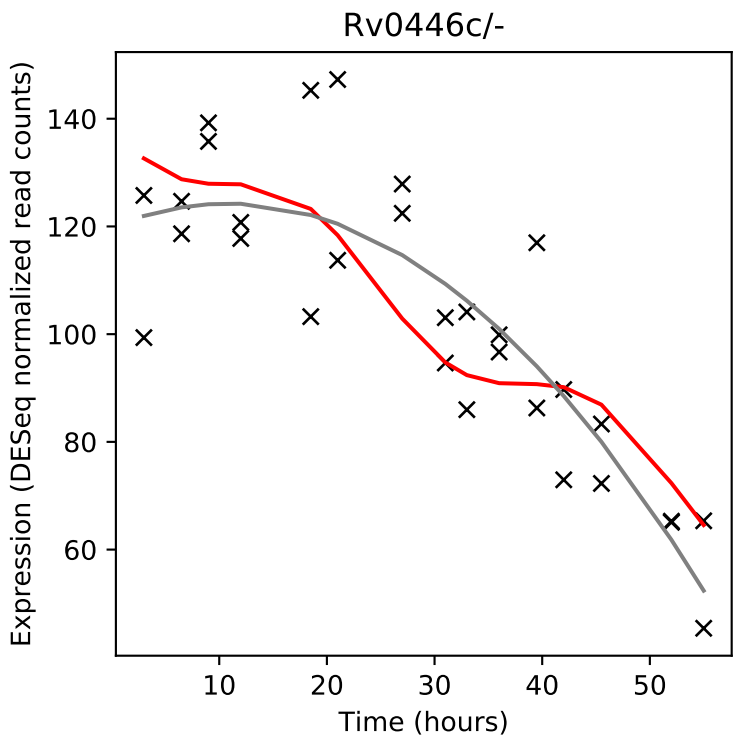

Rv0425c/ctpH
Rv0426c/-
Rv0427c/xthA
Rv0428c/-
Rv0429c/def
Rv0430/-
Rv0431/-
Rv0432/sodC
Rv0433/-
Expression (DESeq normalized read counts)
Time (hours)

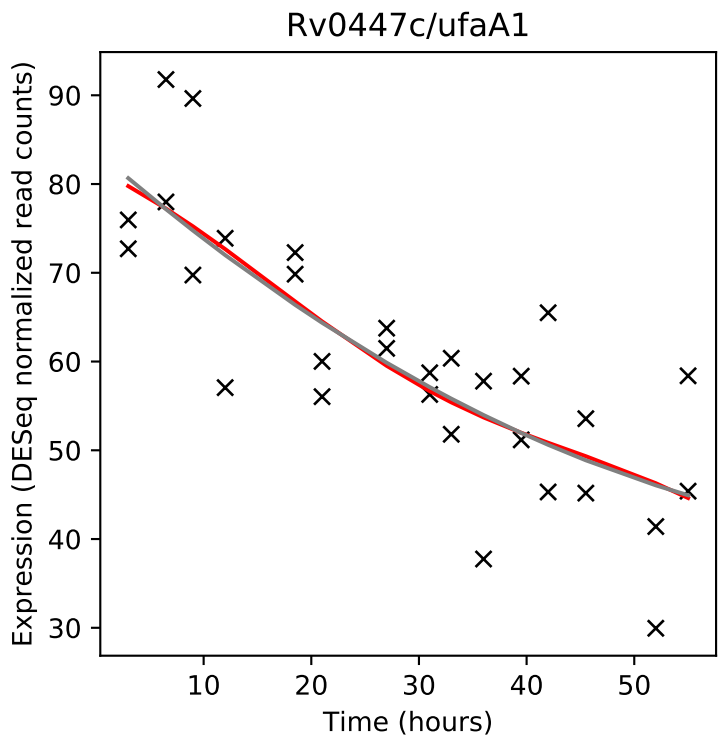

Rv0434/-
Rv0435c/-
Rv0436c/pssA
Rv0437c/psd
Rv0438c/moeA2
Rv0439c/-
Rv0440/groEL2
Rv0441c/-
Rv0442c/PPE10
Expression (DESeq normalized read counts)
Time (hours)

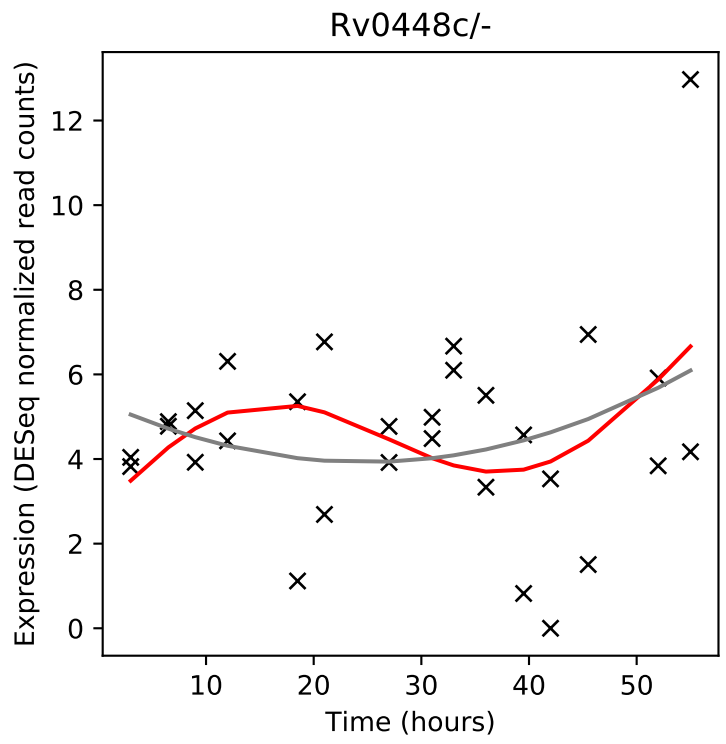

Rv0443/-
Expression (DESeq normalized read counts)
Time (hours)

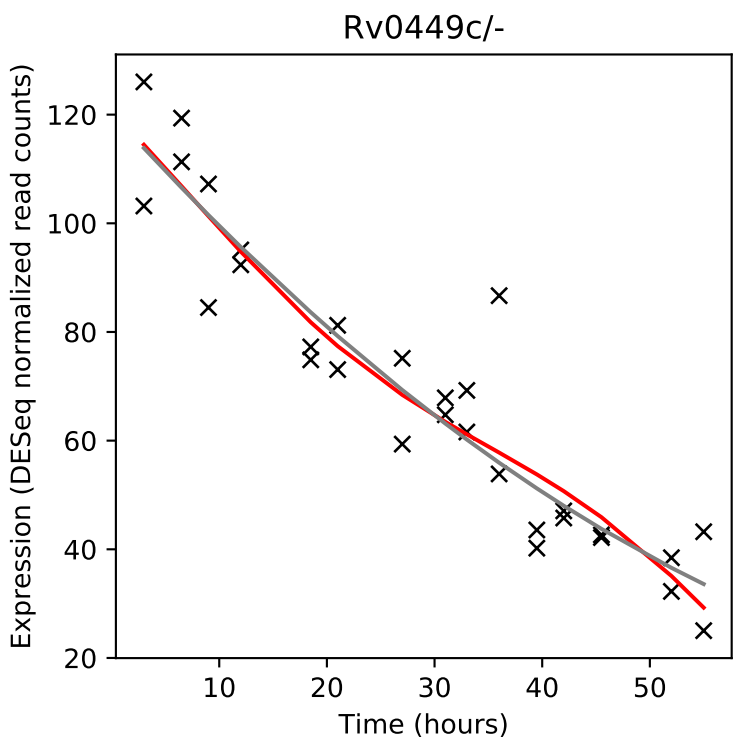

Rv0444c/rskA
Expression (DESeq normalized read counts)
Time (hours)

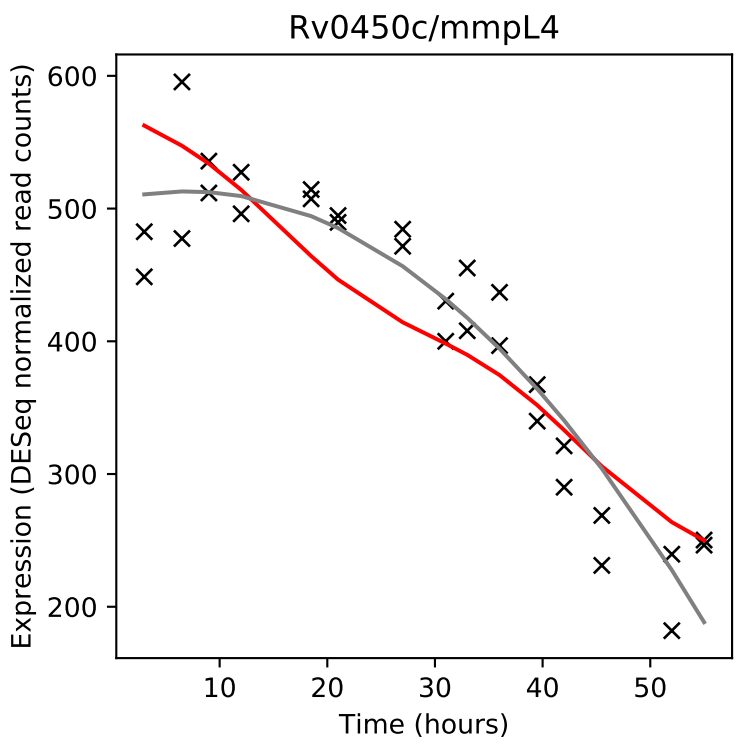

Rv0445c/sigK
Expression (DESeq normalized read counts)
Time (hours)

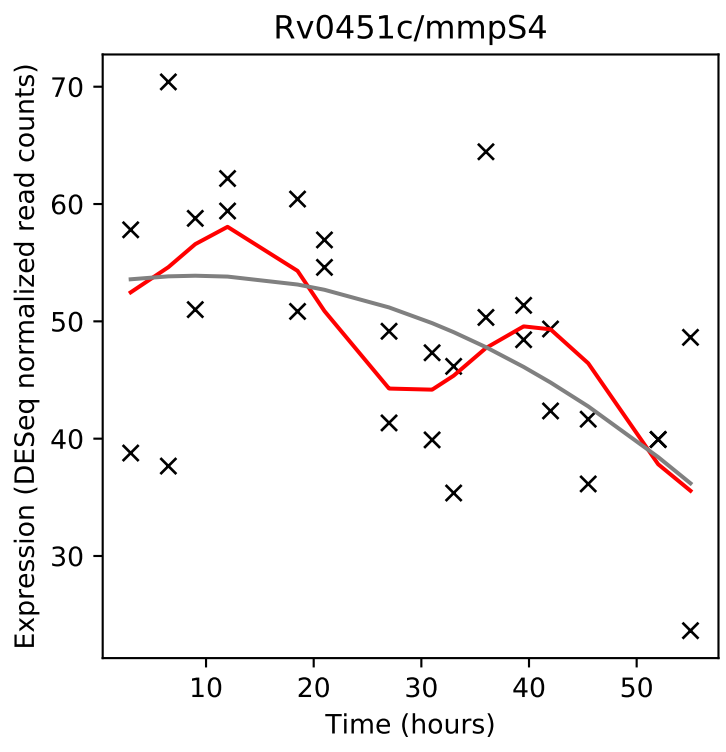

Rv0446c/-
Expression (DESeq normalized read counts)
Time (hours)

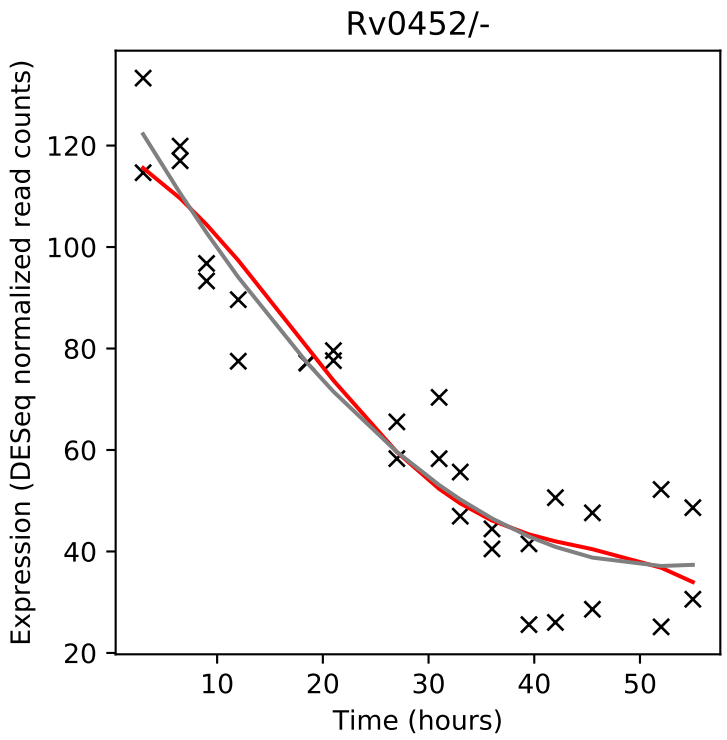

Rv0447c/ufaA1
Expression (DESeq normalized read counts)
Time (hours)

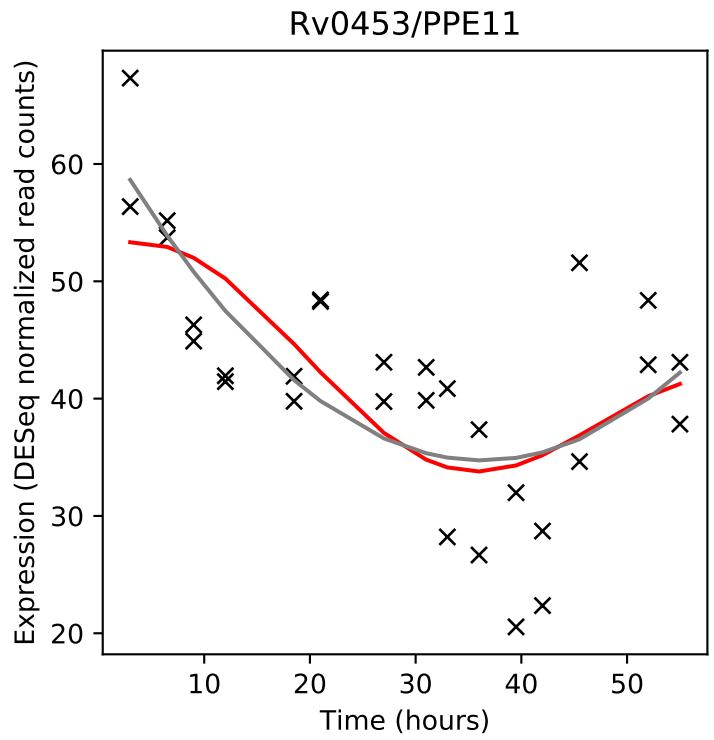

Rv0448c/-
Expression (DESeq normalized read counts)
Time (hours)

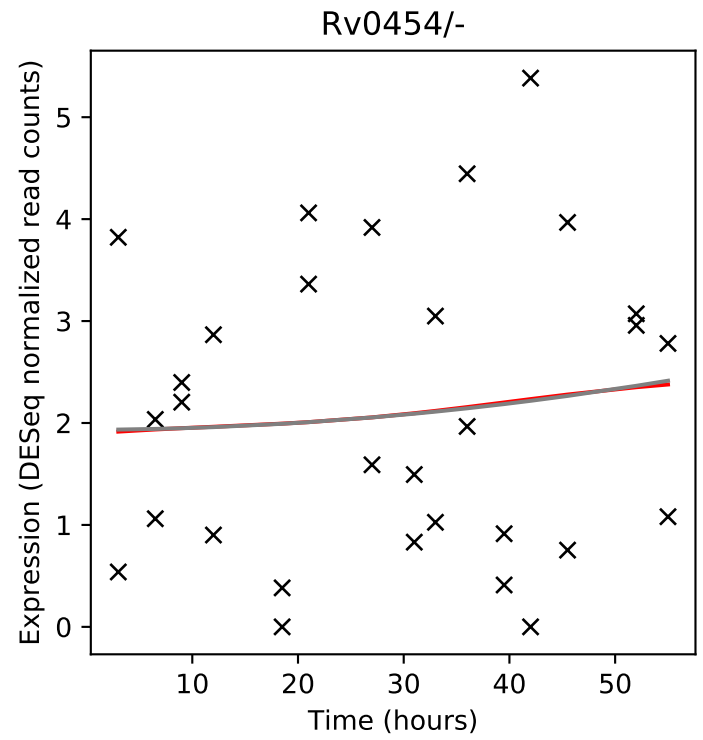

Rv0449c/-
Expression (DESeq normalized read counts)
Time (hours)

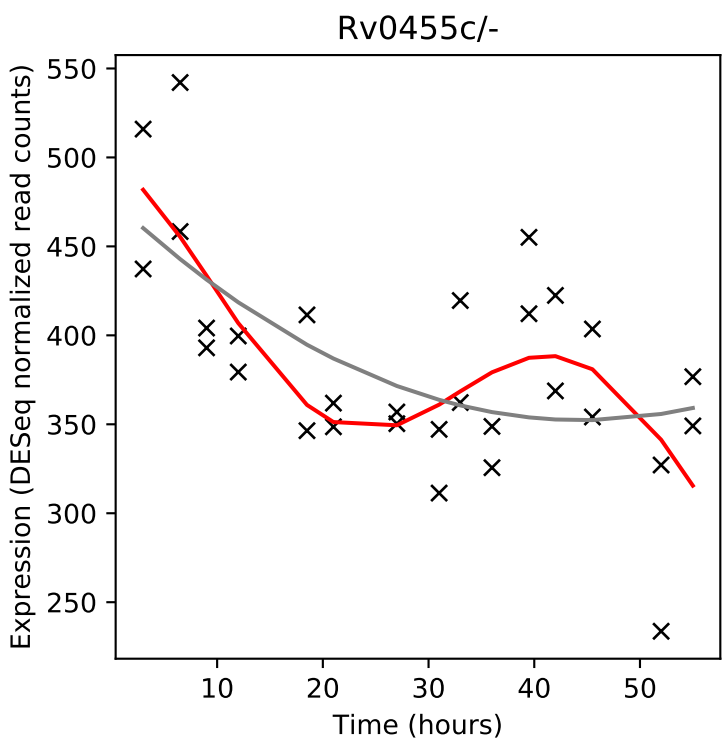

Rv0450c/mmpL4
Expression (DESeq normalized read counts)
Time (hours)

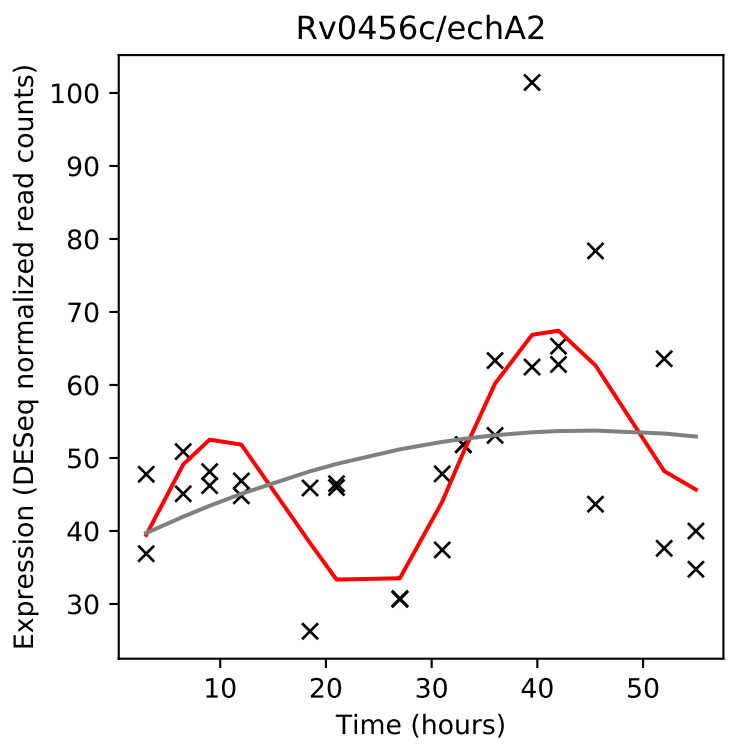

Rv0451c/mmpS4
Expression (DESeq normalized read counts)
Time (hours)

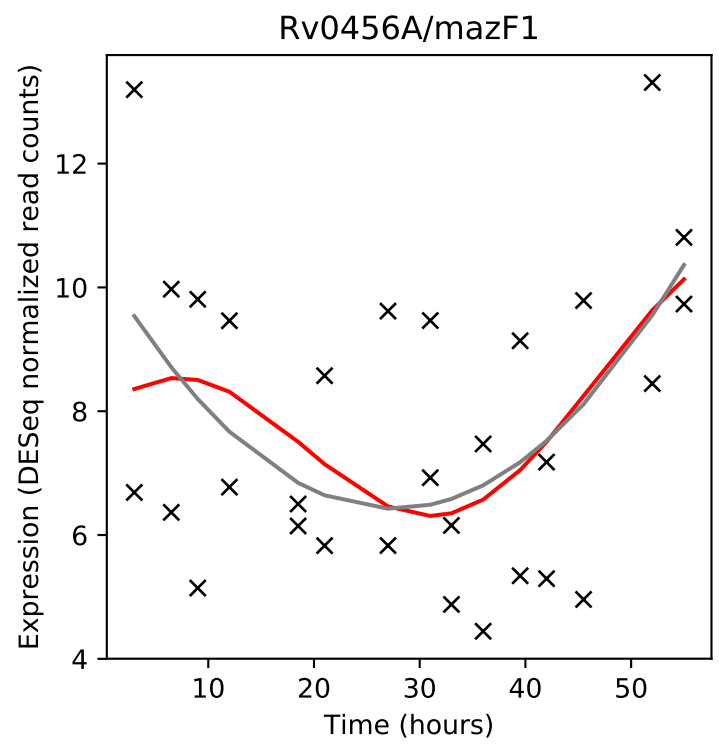

Rv0452/-
Expression (DESeq normalized read counts)
Time (hours)

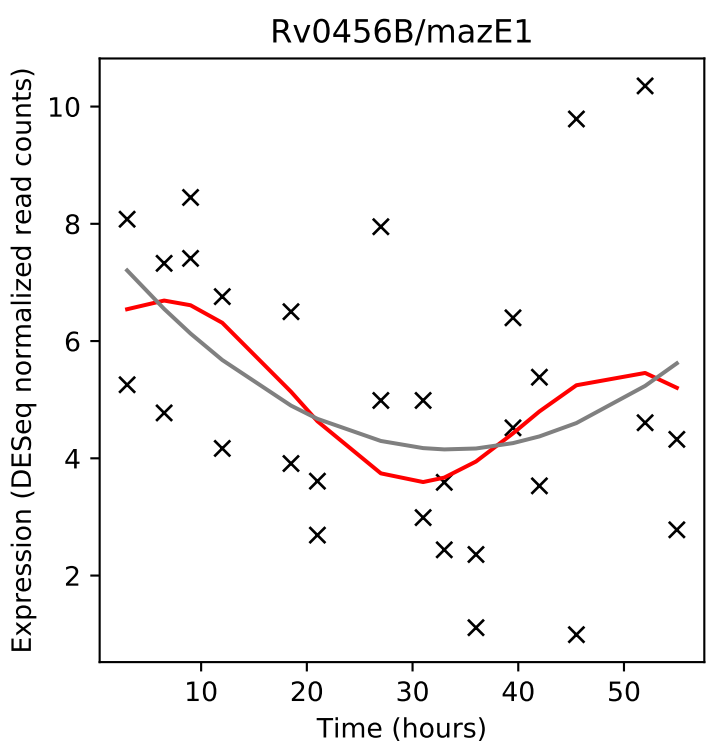

Rv0453/PPE11
Expression (DESeq normalized read counts)
Time (hours)

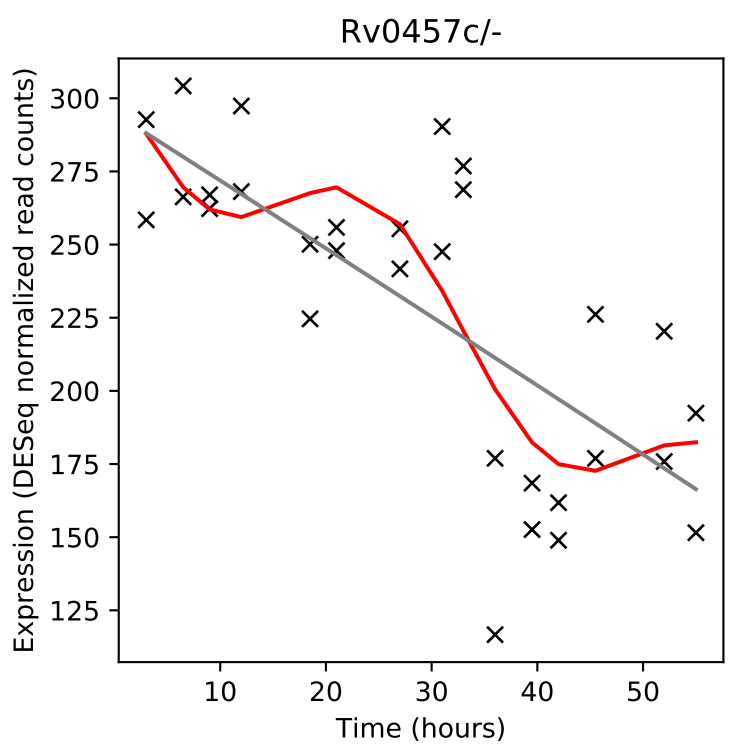

Rv0454/-
Expression (DESeq normalized read counts)
Time (hours)

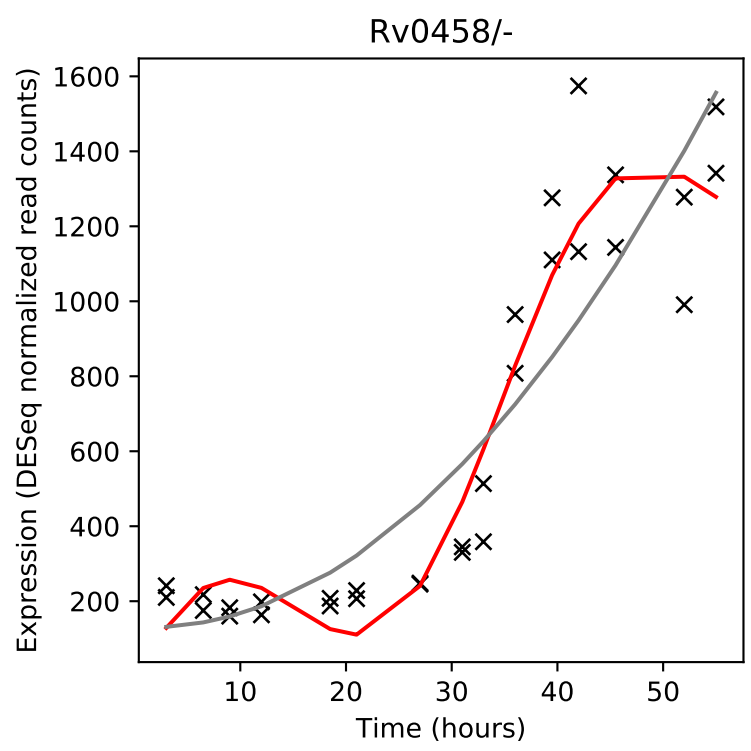

Rv0455c/-
Expression (DESeq normalized read counts)
Time (hours)

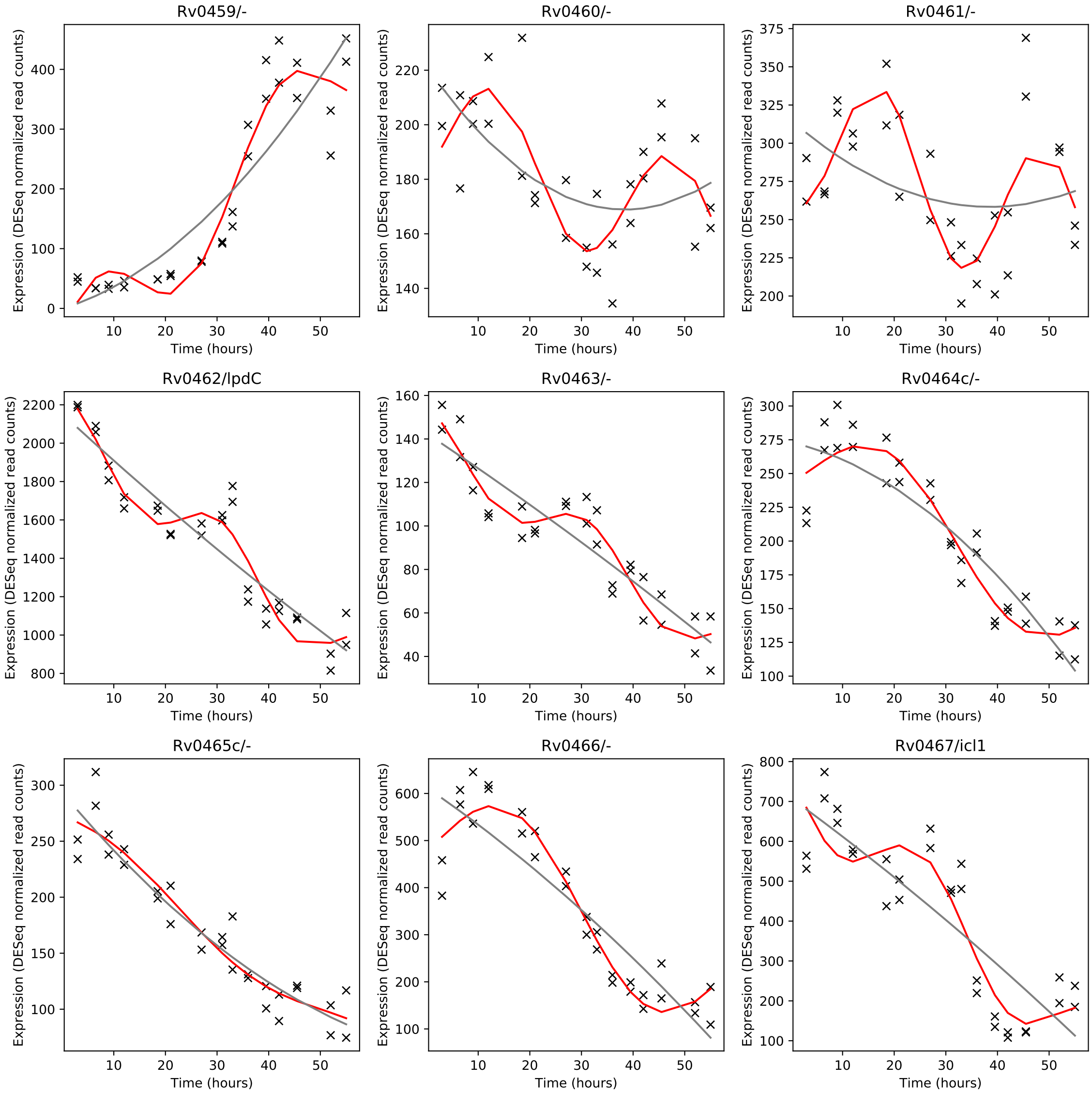

Rv0456c/echA2
Expression (DESeq normalized read counts)
Time (hours)

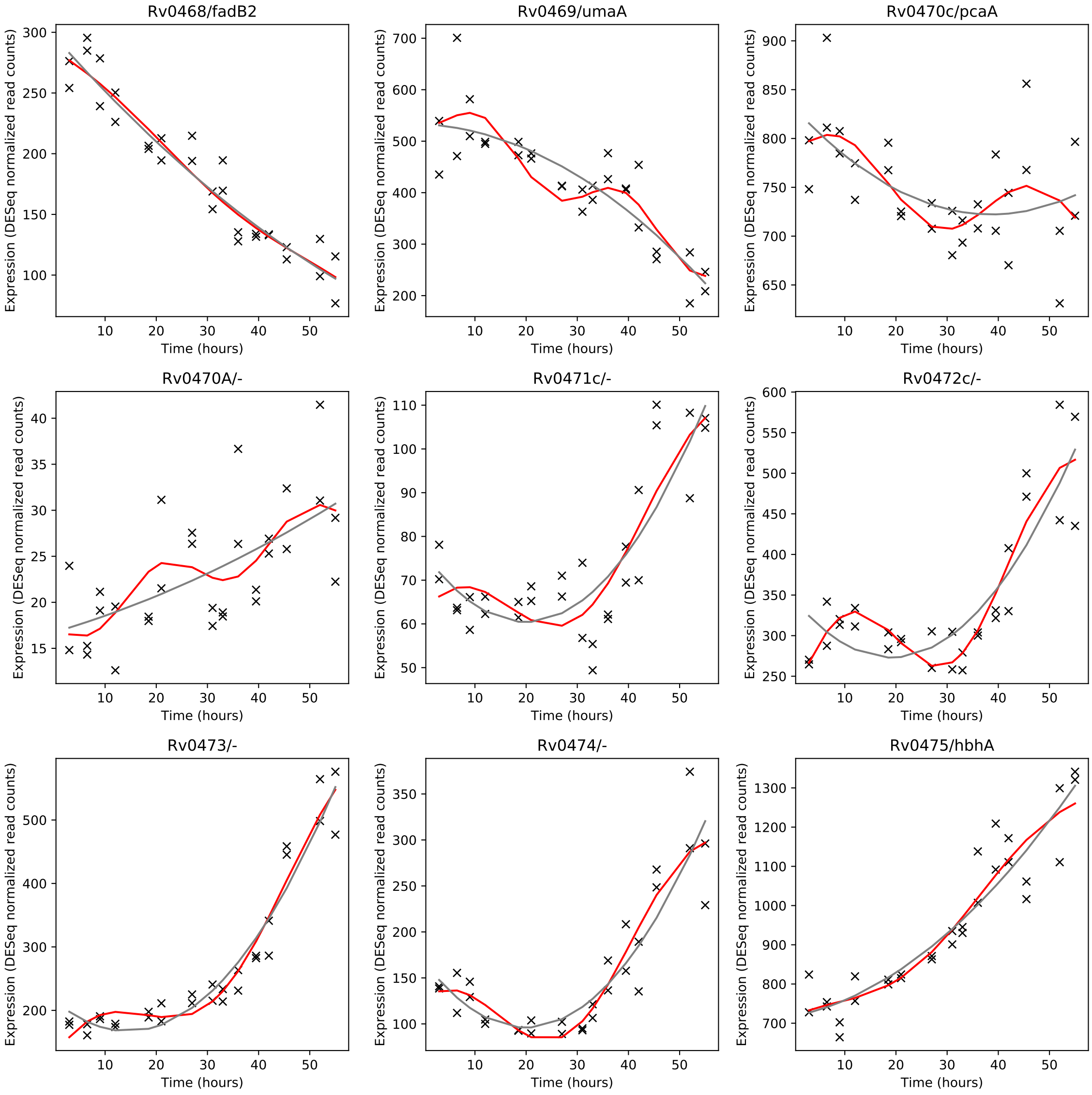

Rv0456A/mazF1
Expression (DESeq normalized read counts)
Time (hours)

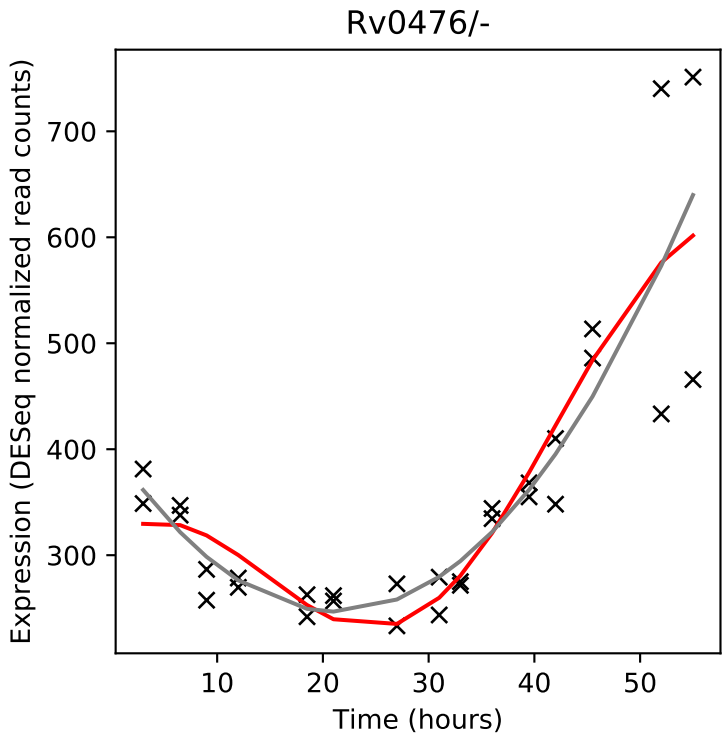

Rv0456B/mazE1
Expression (DESeq normalized read counts)
Time (hours)

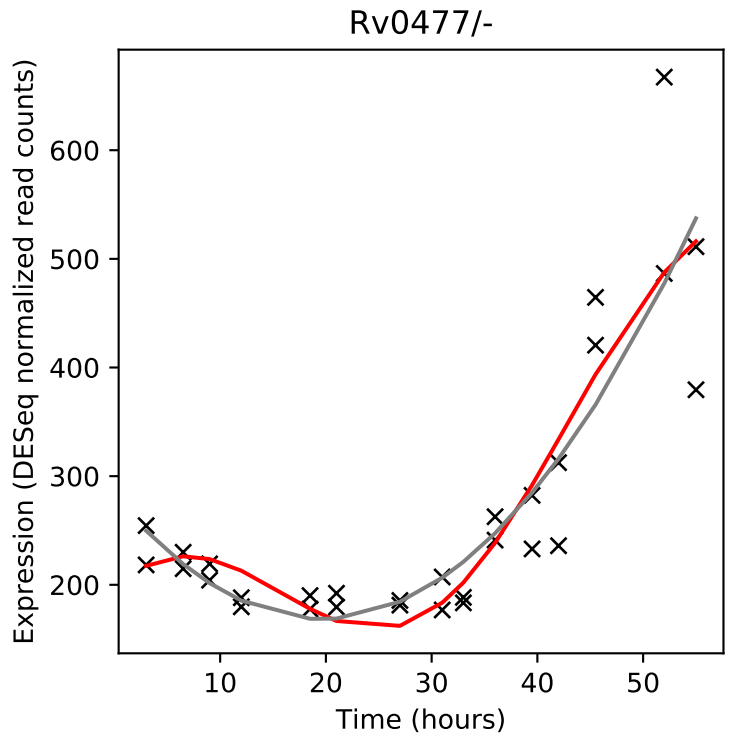

Rv0457c/-
Expression (DESeq normalized read counts)
Time (hours)

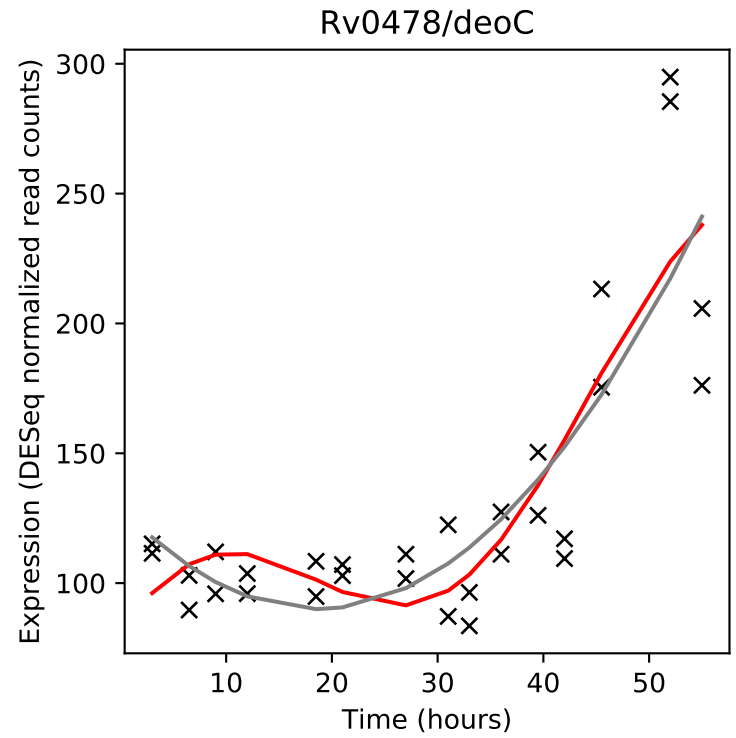

Rv0458/-
Expression (DESeq normalized read counts)
Time (hours)

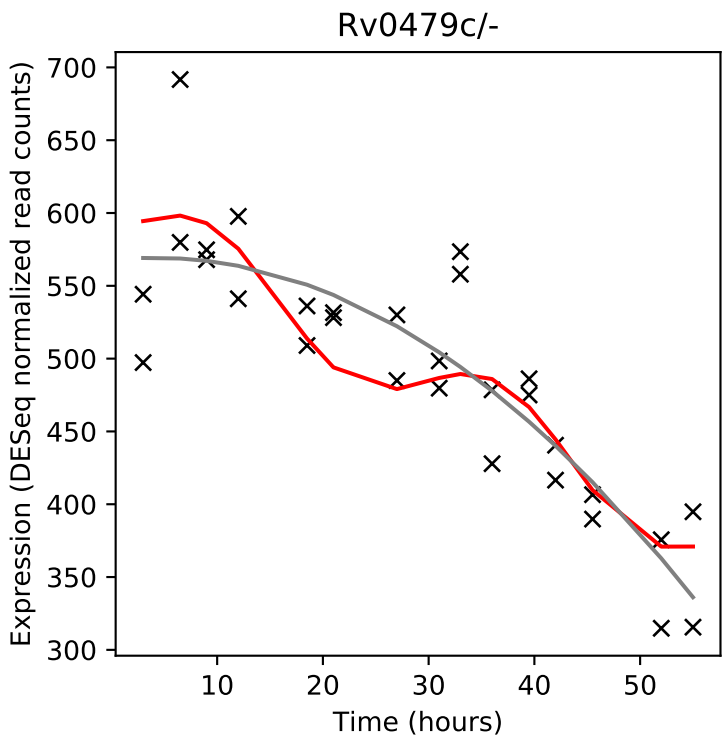

Rv0459/-
Rv0460/-
Rv0461/-
Rv0462/lpdC
Rv0463/-
Rv0464c/-
Rv0465c/-
Rv0466/-
Rv0467/icl1
Expression (DESeq normalized read counts)
Time (hours)

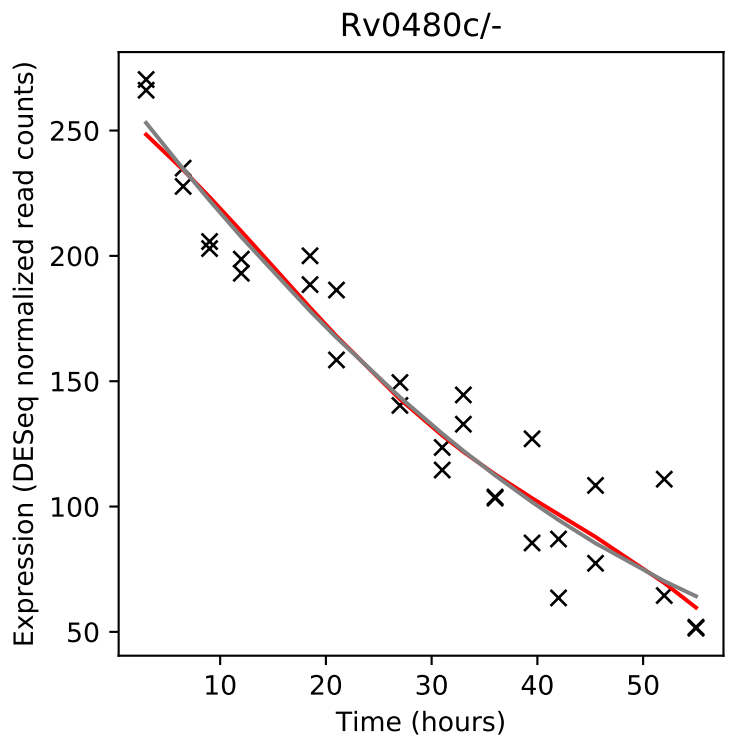

Rv0468/fadB2
Rv0469/umaA
Rv0470c/pcaA
Rv0470A/-
Rv0471c/-
Rv0472c/-
Rv0473/-
Rv0474/-
Rv0475/hbhA
Expression (DESeq normalized read counts)
Time (hours)

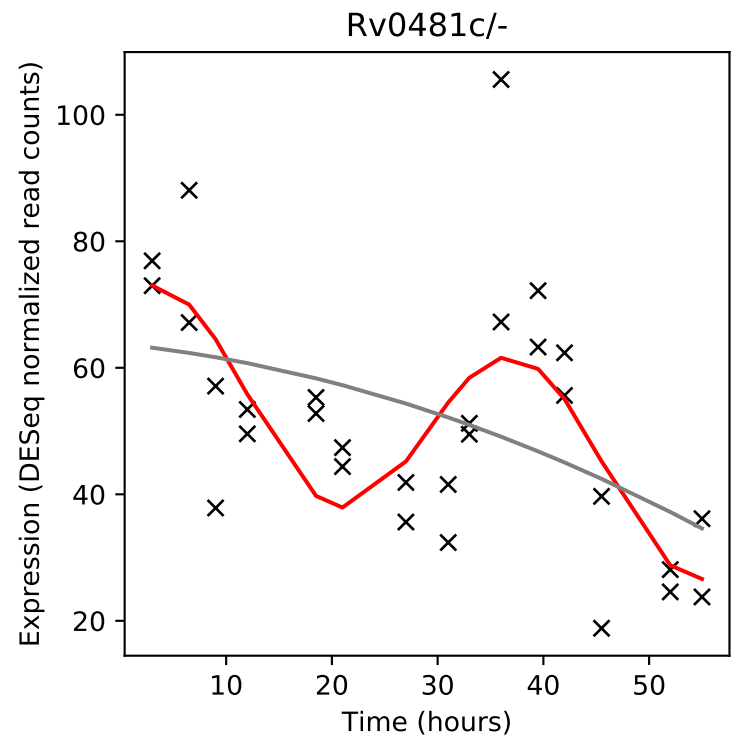

Rv0476/-
Expression (DESeq normalized read counts)
Time (hours)

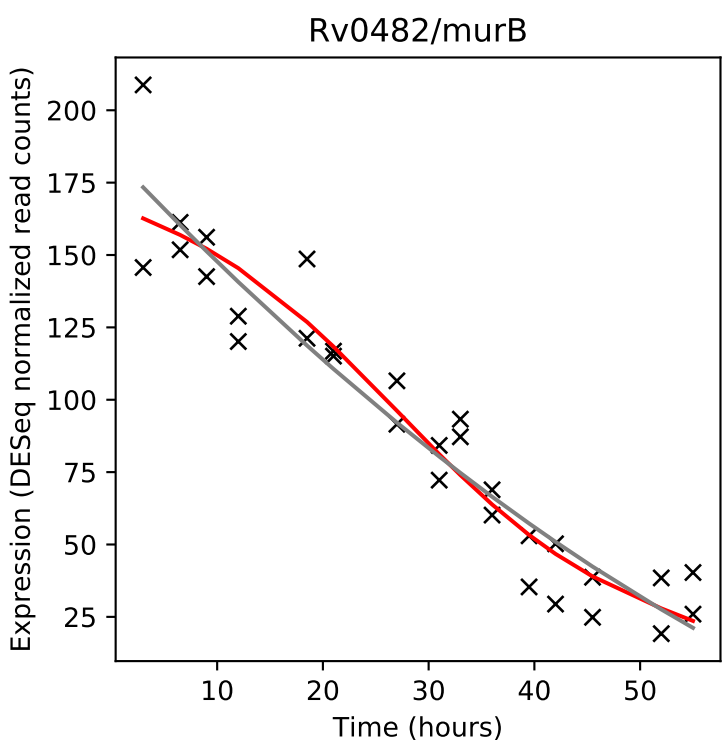

Rv0477/-
Expression (DESeq normalized read counts)
Time (hours)

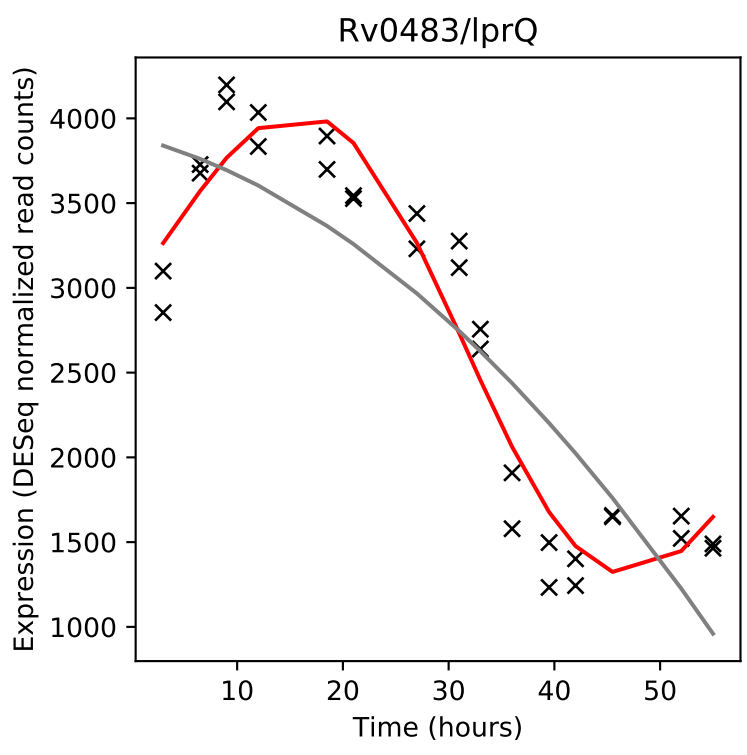

Rv0478/deoC
Expression (DESeq normalized read counts)
Time (hours)

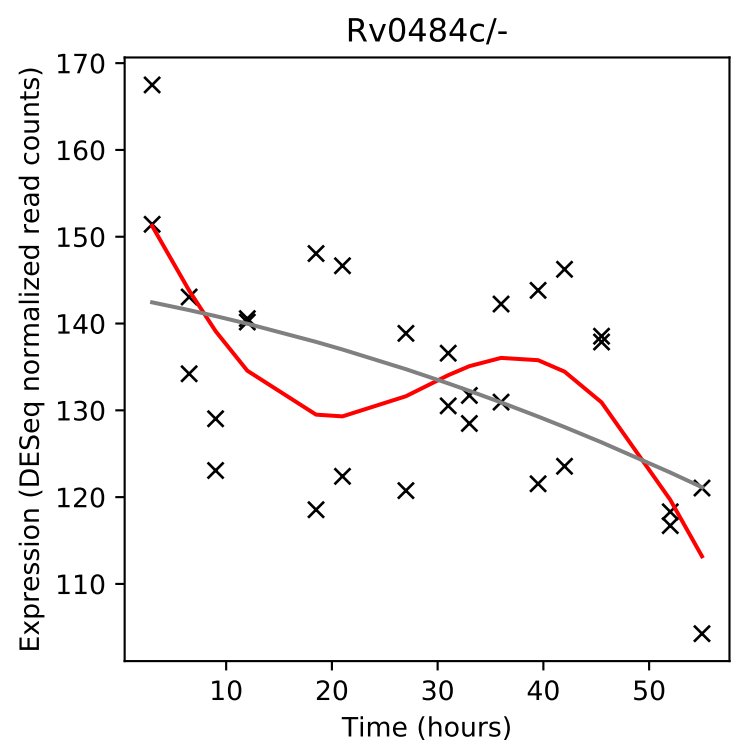

Rv0479c/-
Expression (DESeq normalized read counts)
Time (hours)

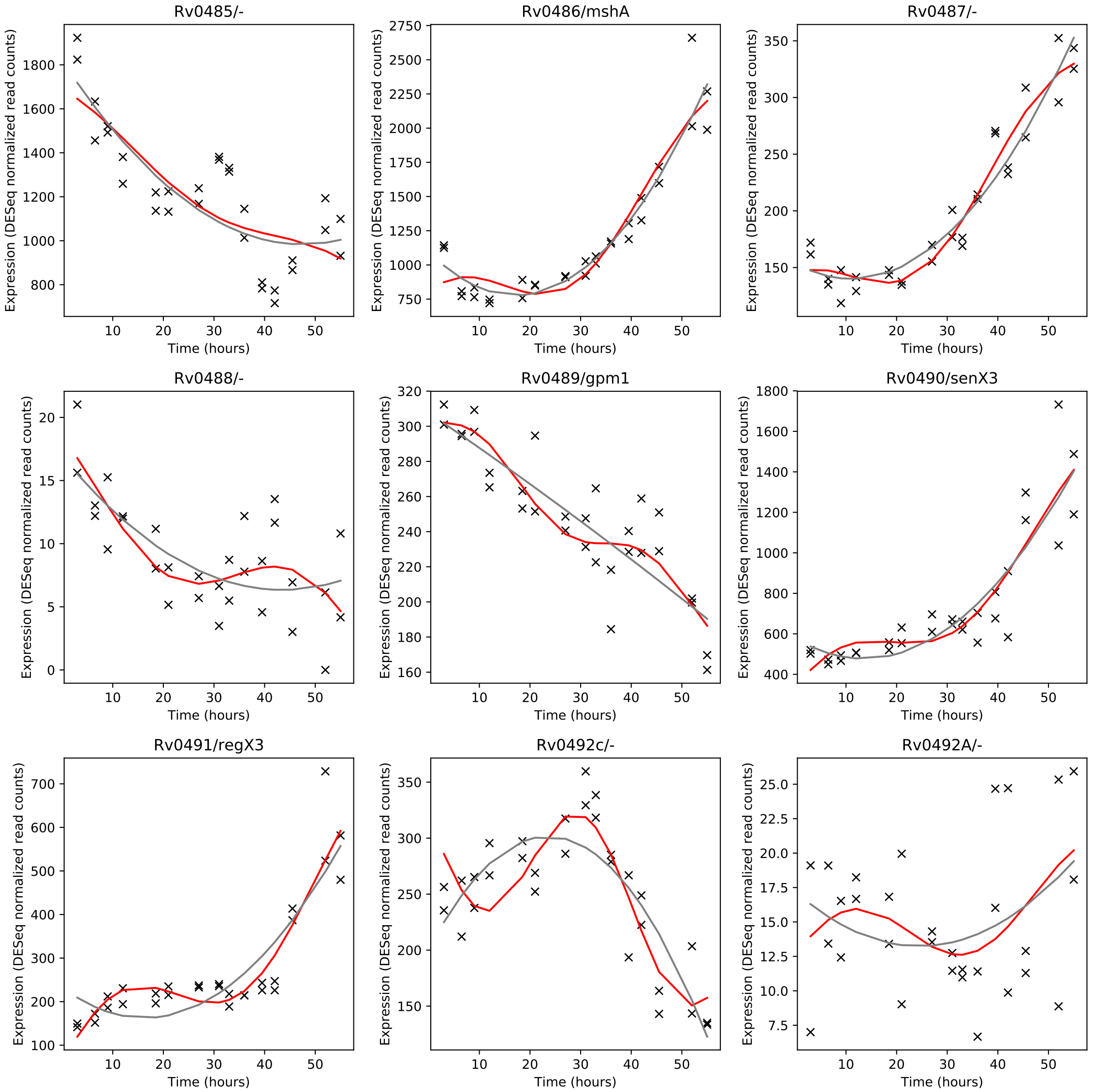

Rv0480c/-
Expression (DESeq normalized read counts)
Time (hours)

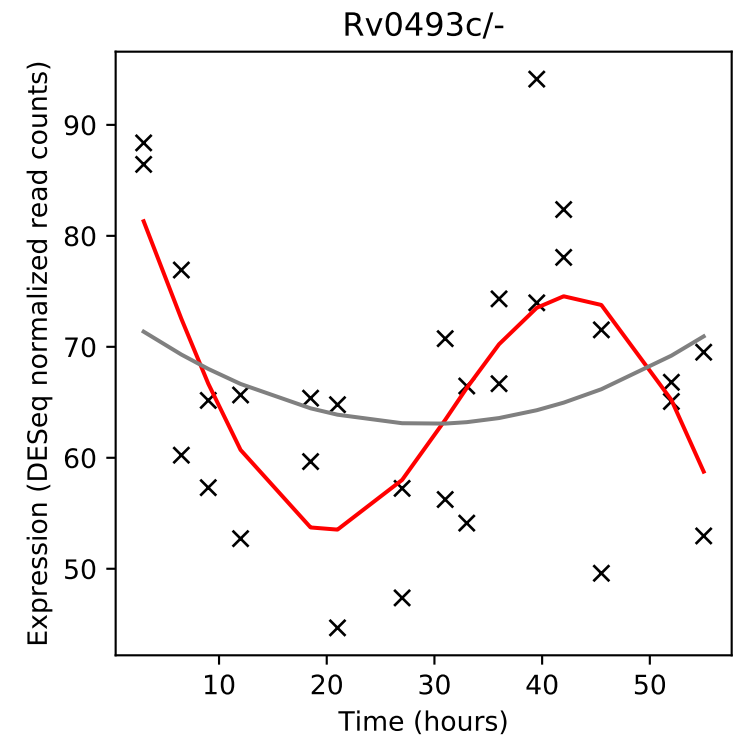

Rv0481c/-
Expression (DESeq normalized read counts)
Time (hours)

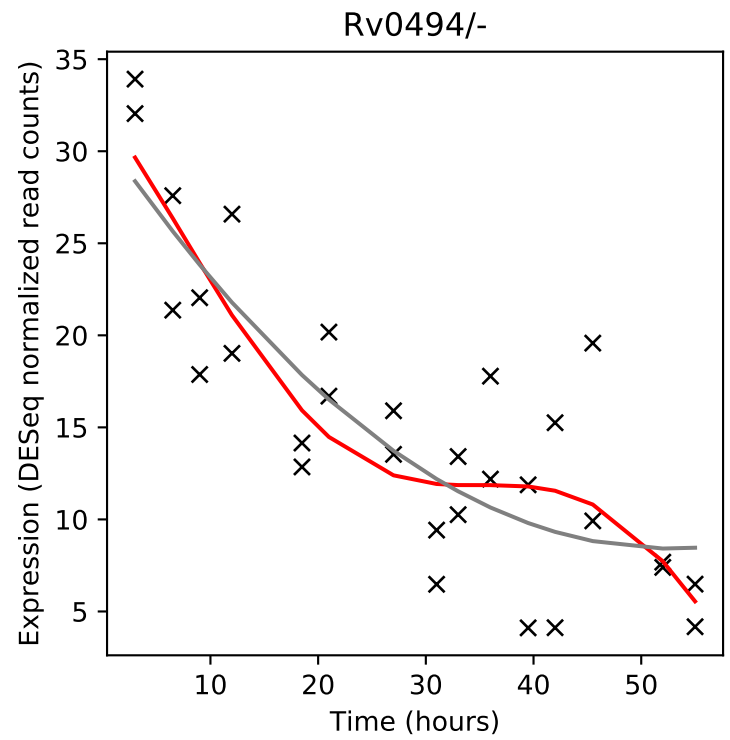

Rv0482/murB
Expression (DESeq normalized read counts)
Time (hours)

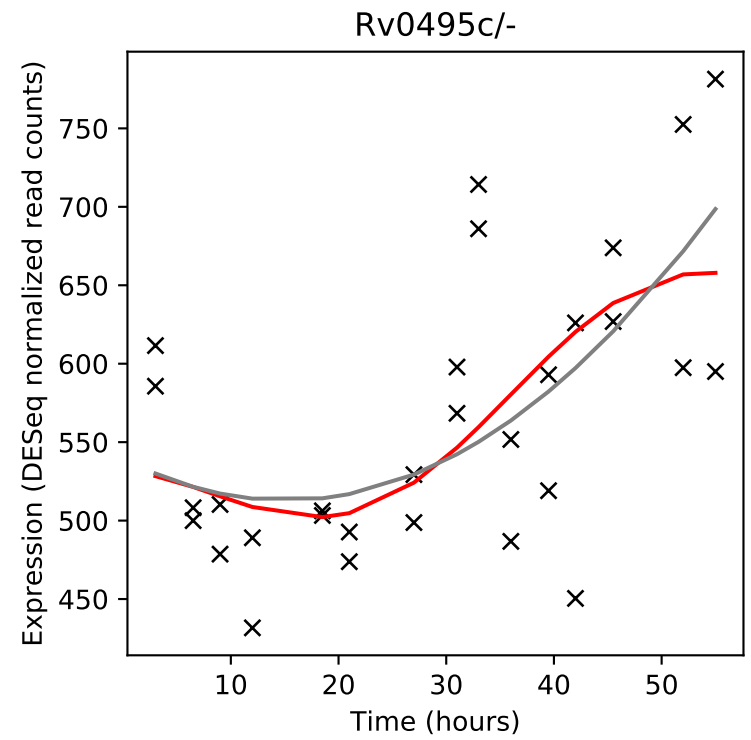

Rv0483/lprQ
Expression (DESeq normalized read counts)
Time (hours)

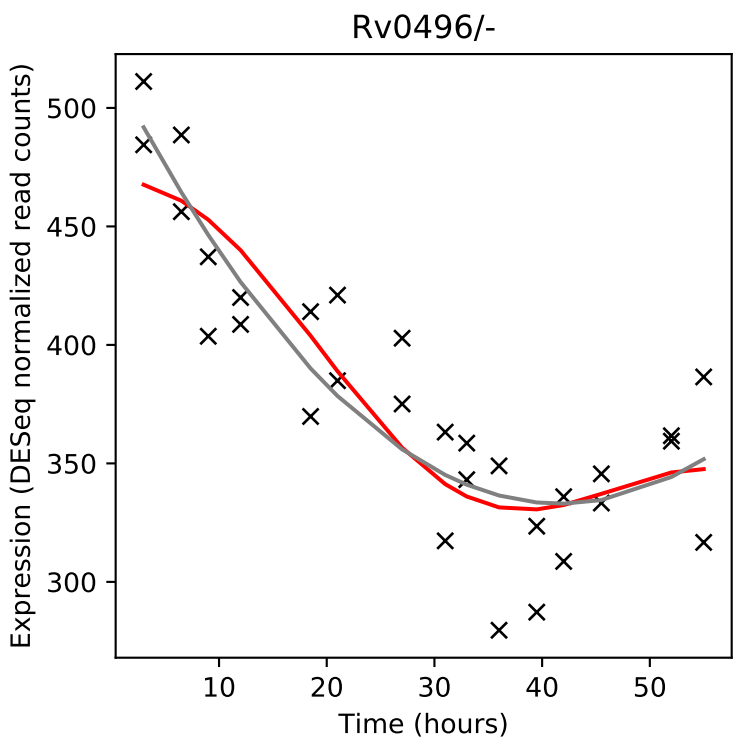

Rv0484c/-
Expression (DESeq normalized read counts)
Time (hours)

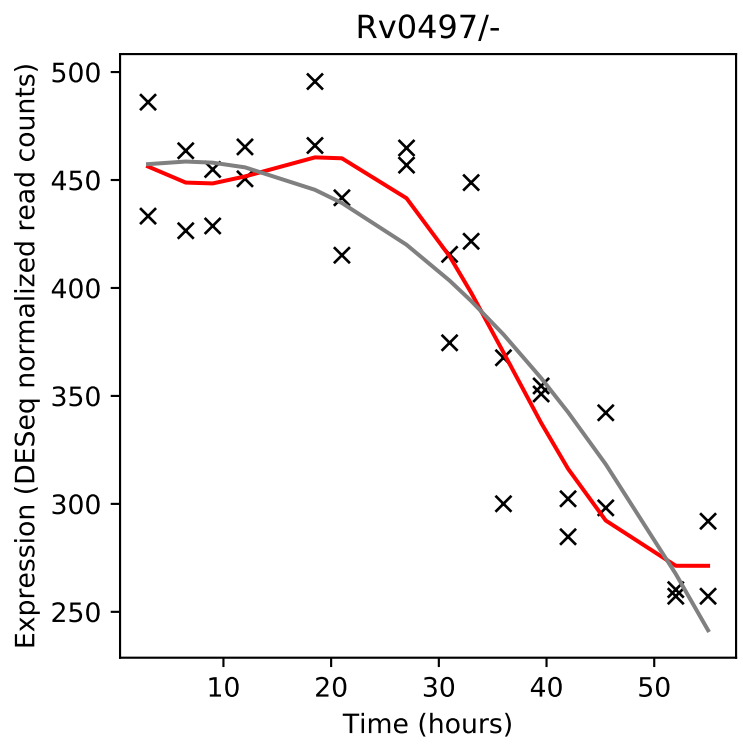

Rv0485/-
Rv0486/mshA
Rv0487/-
Rv0488/-
Rv0489/gpm1
Rv0490/senX3
Rv0491/regX3
Rv0492c/-
Rv0492A/-
Expression (DESeq normalized read counts)
Time (hours)

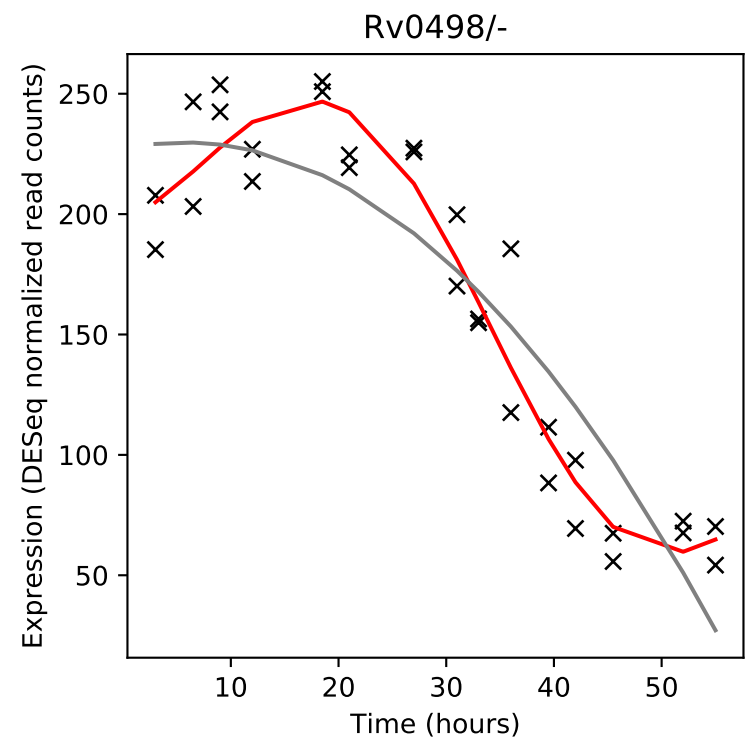

Rv0493c/-
Expression (DESeq normalized read counts)
Time (hours)

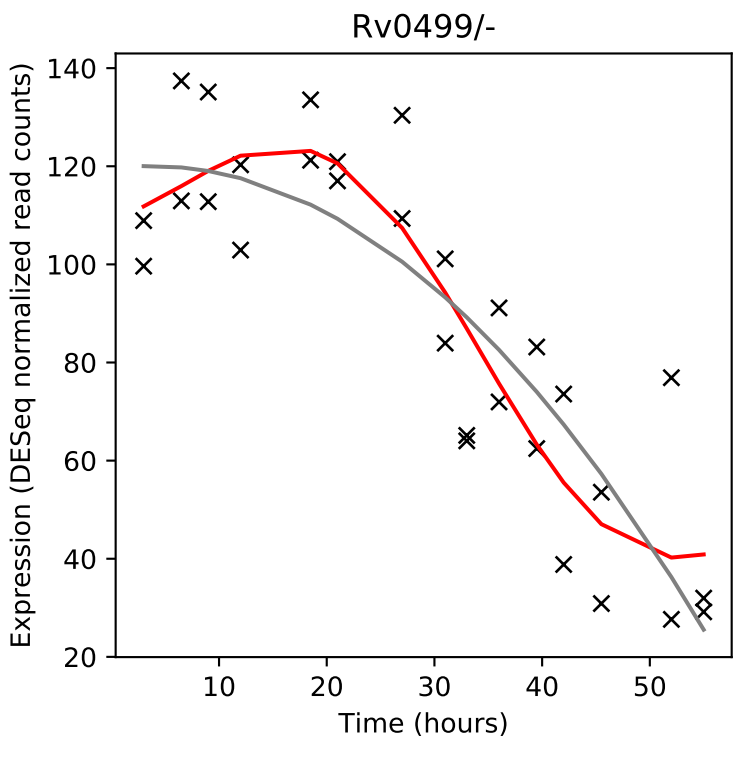

Rv0494/-
Expression (DESeq normalized read counts)
Time (hours)

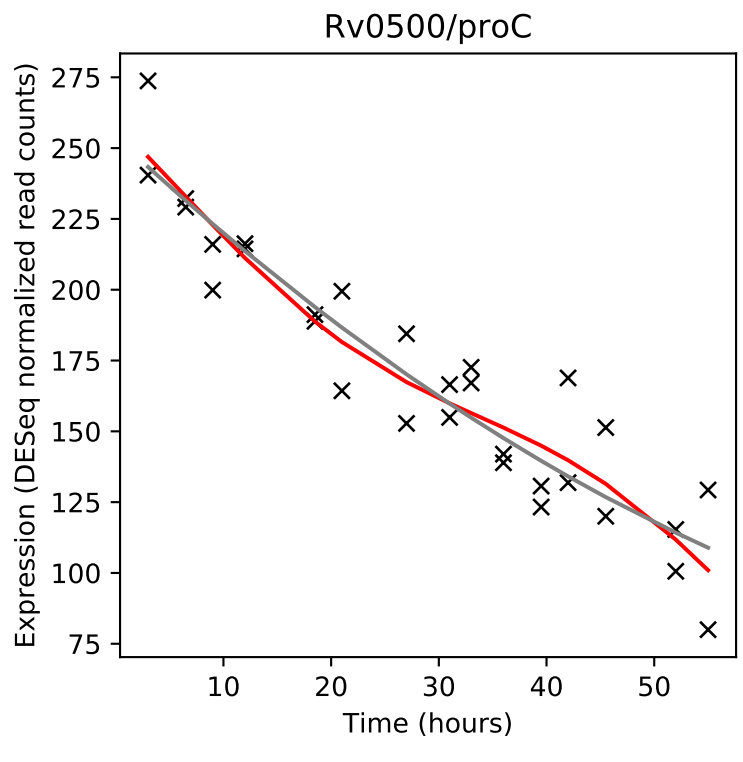

Rv0495c/-
Expression (DESeq normalized read counts)
Time (hours)

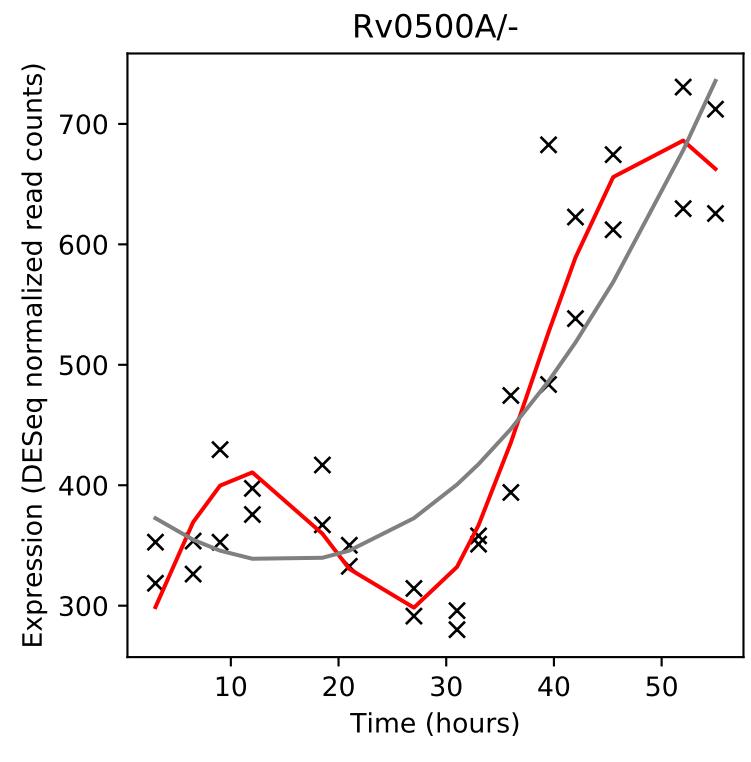

Rv0496/-
Expression (DESeq normalized read counts)
Time (hours)

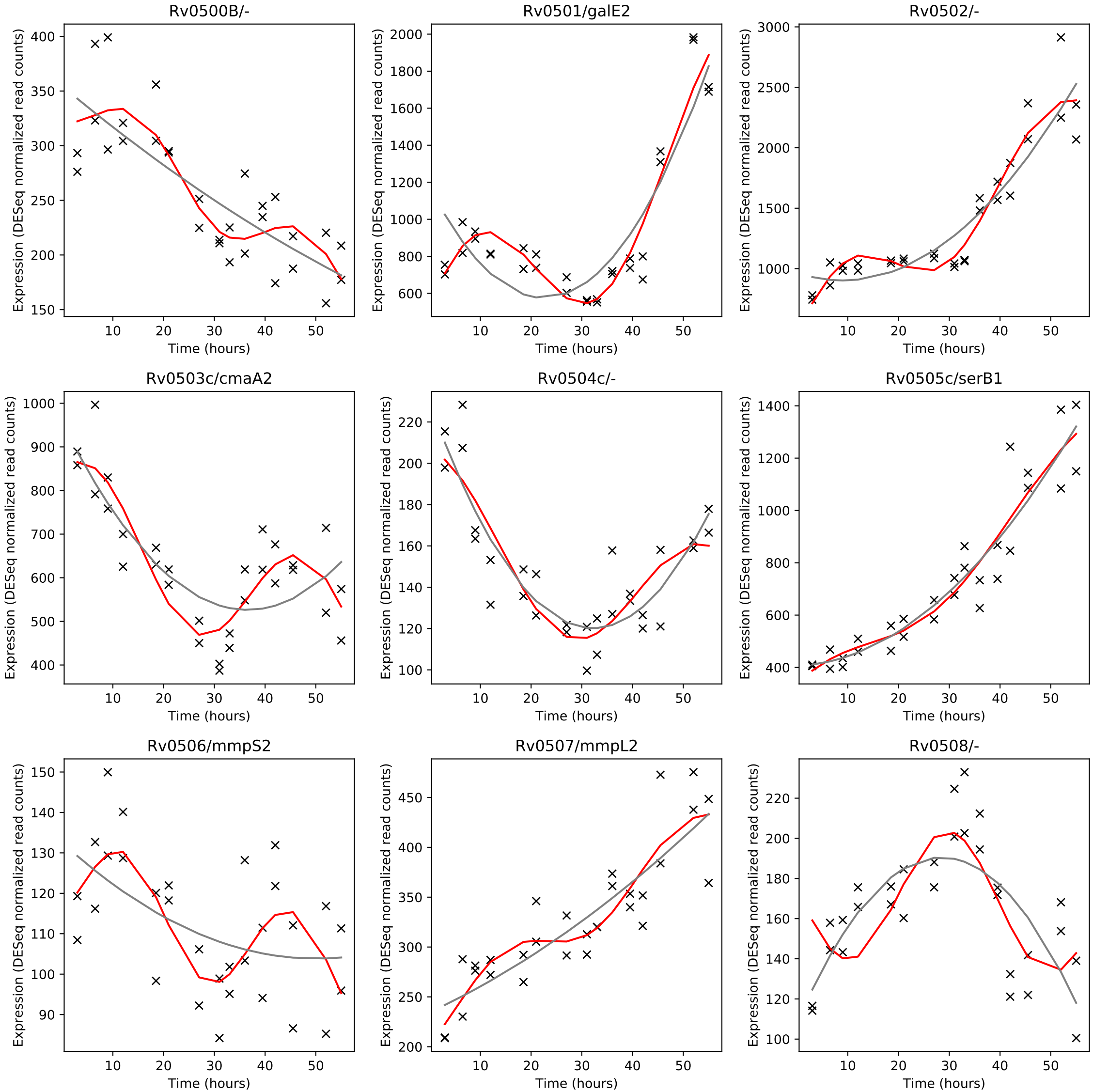

Rv0497/-
Expression (DESeq normalized read counts)
Time (hours)

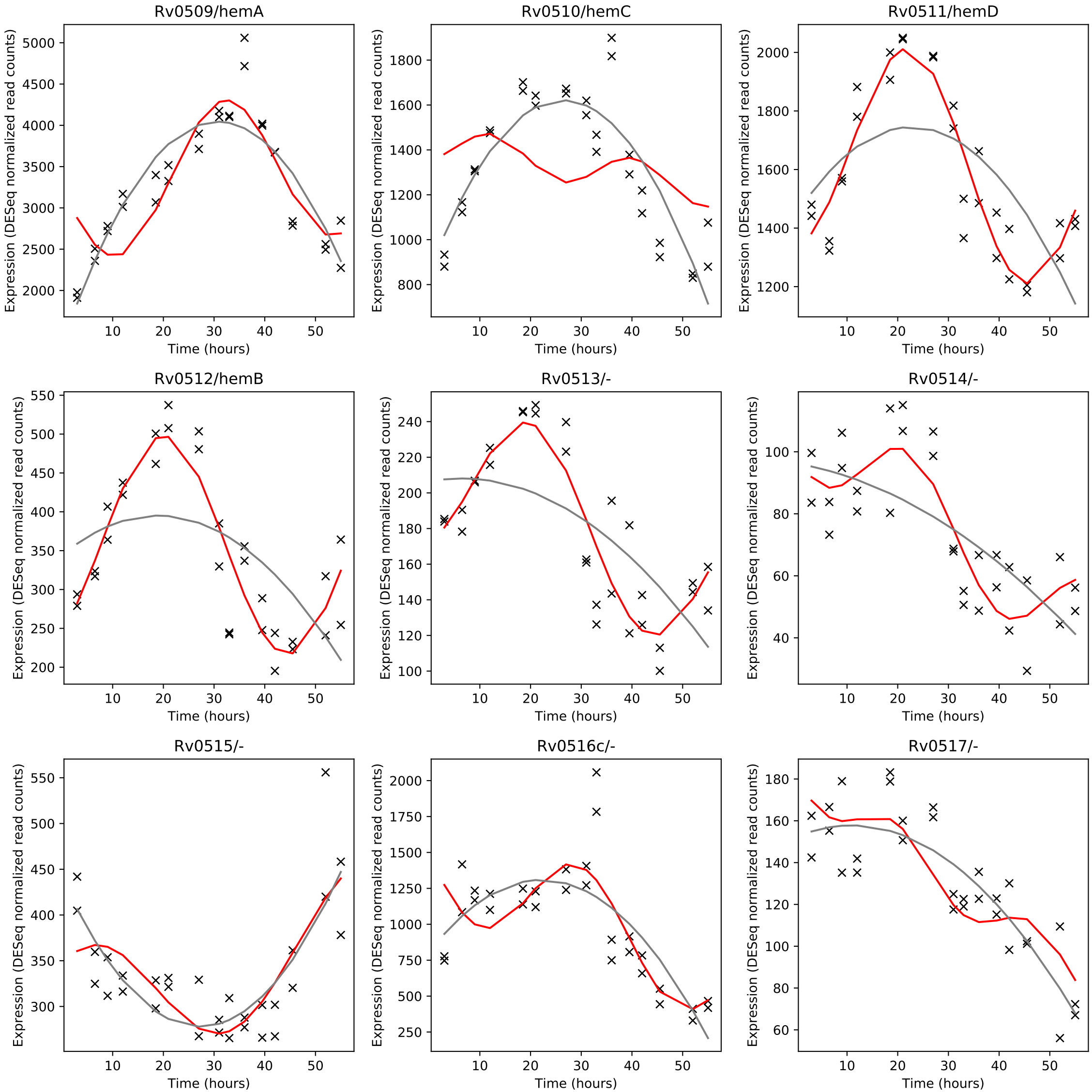

Rv0498/-
Expression (DESeq normalized read counts)
Time (hours)

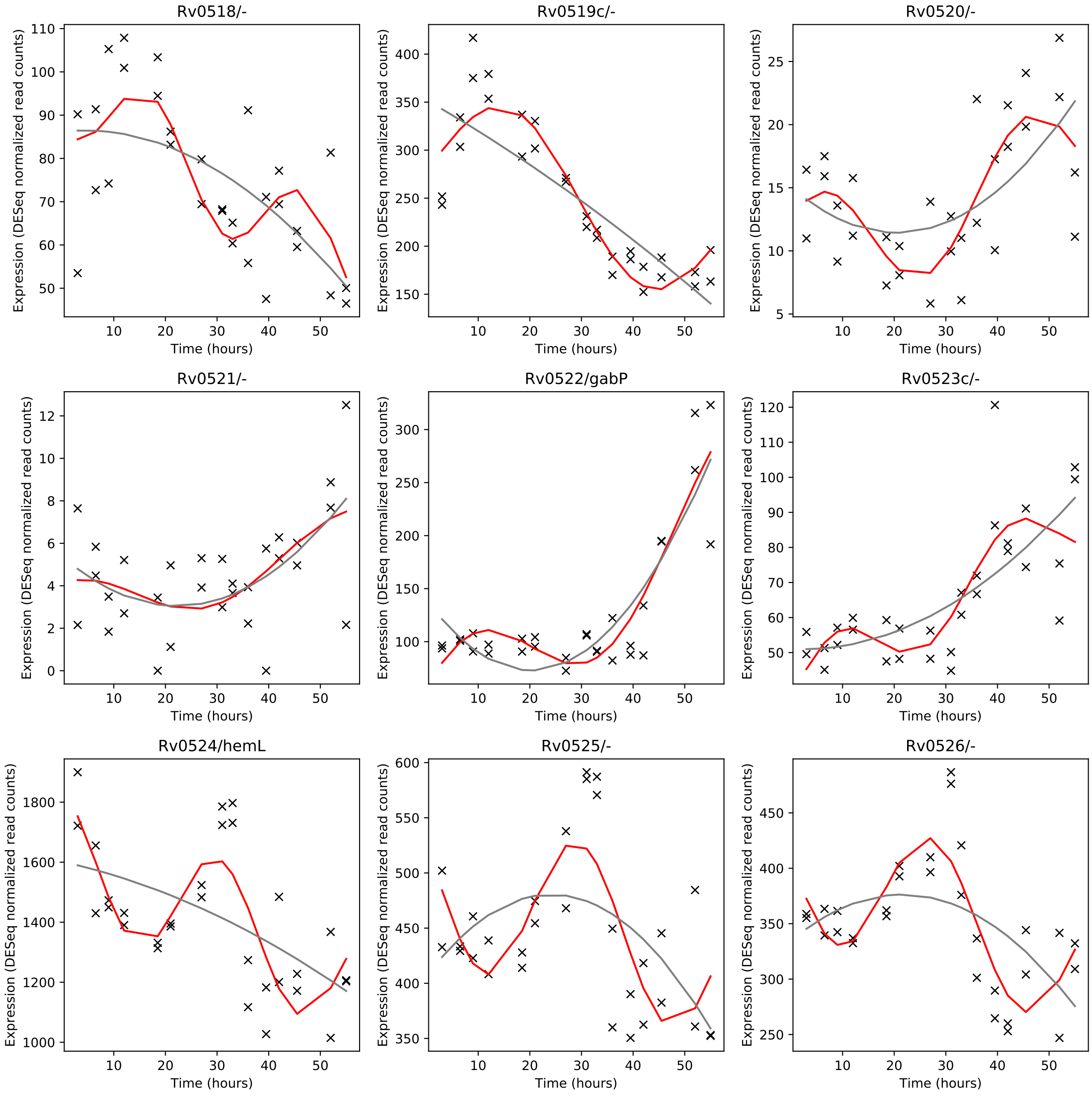

Rv0499/-
Expression (DESeq normalized read counts)
Time (hours)

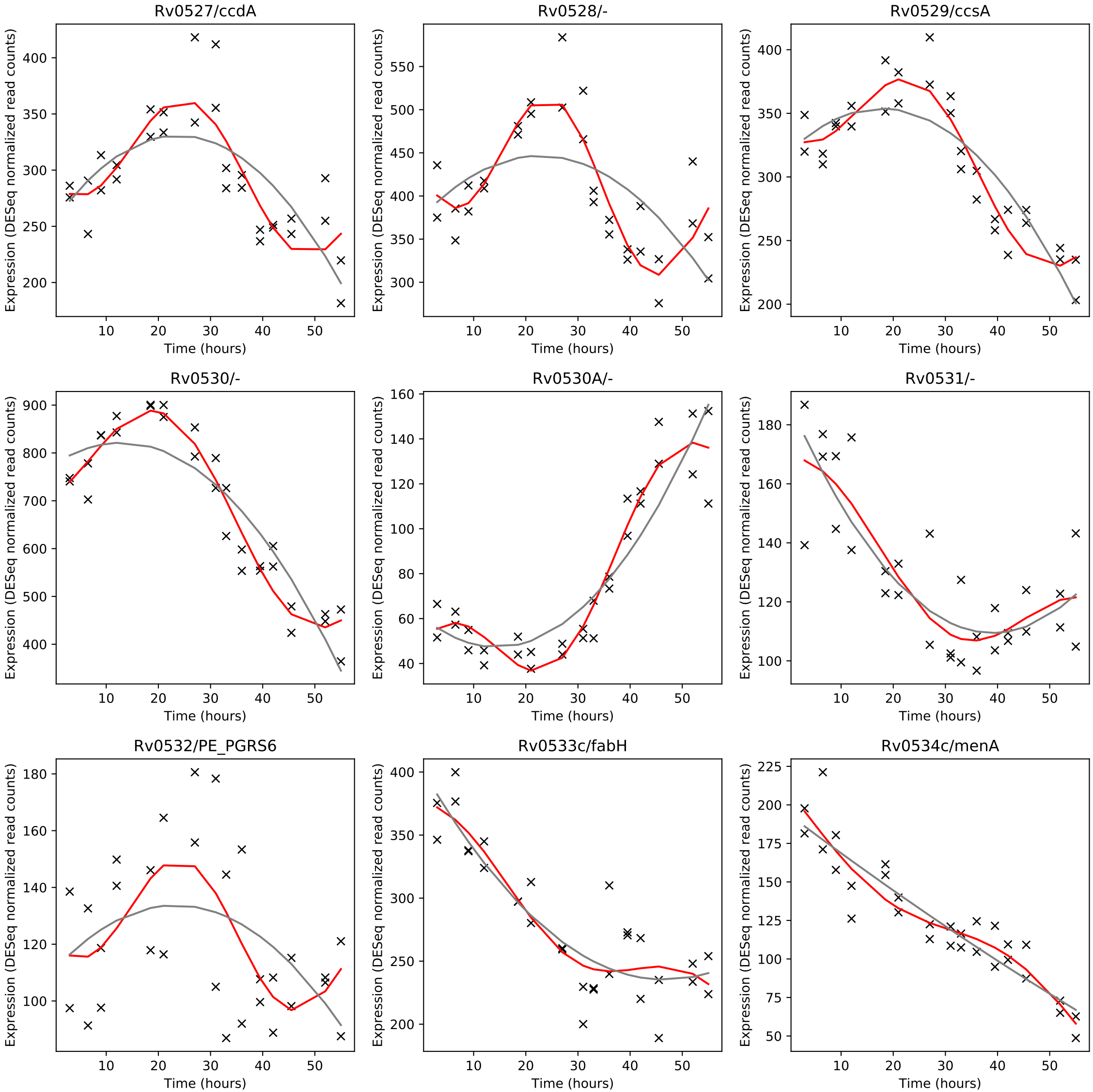

Rv0500/proC
Expression (DESeq normalized read counts)
Time (hours)

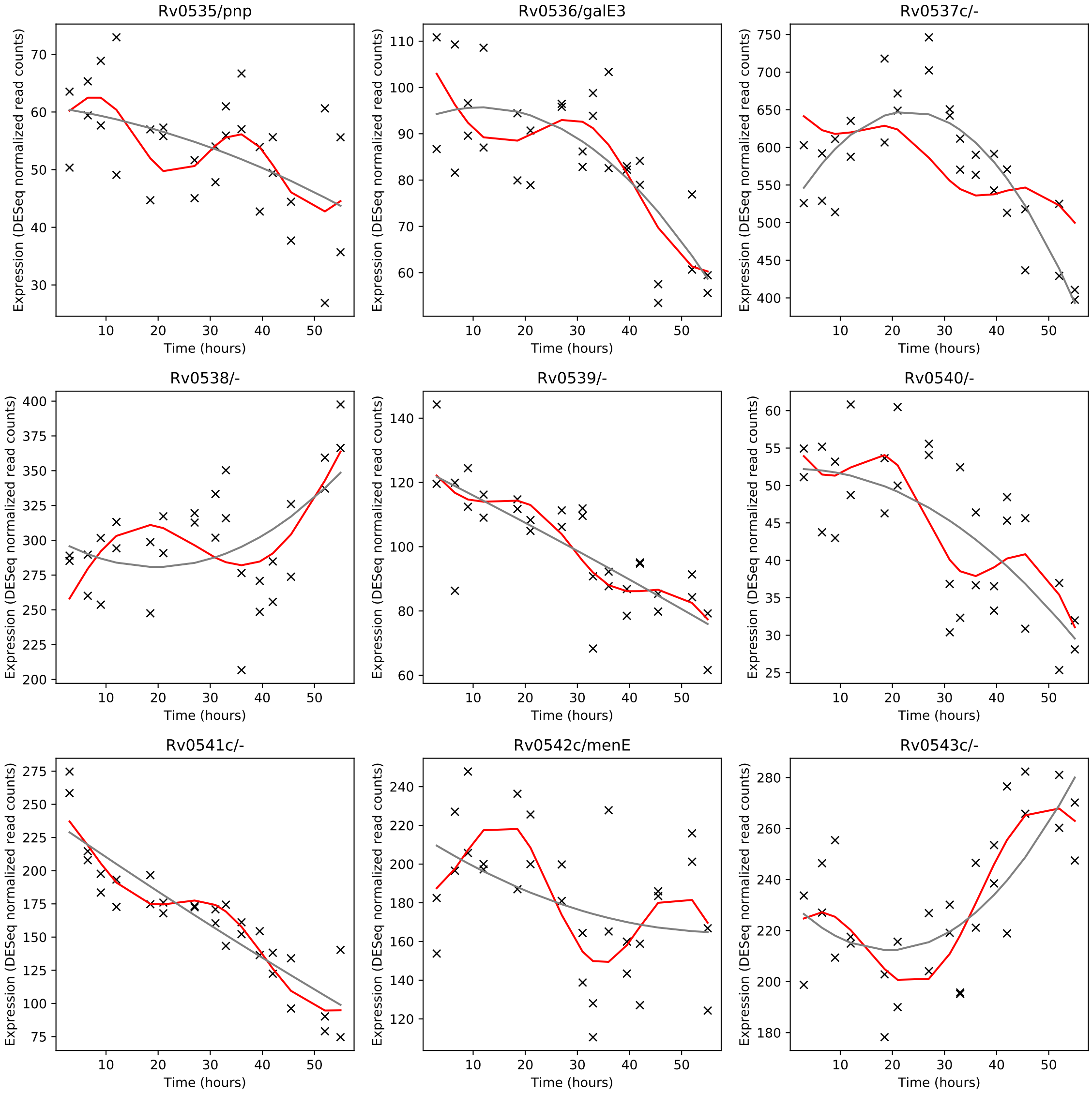

Rv0500A/-
Expression (DESeq normalized read counts)
Time (hours)

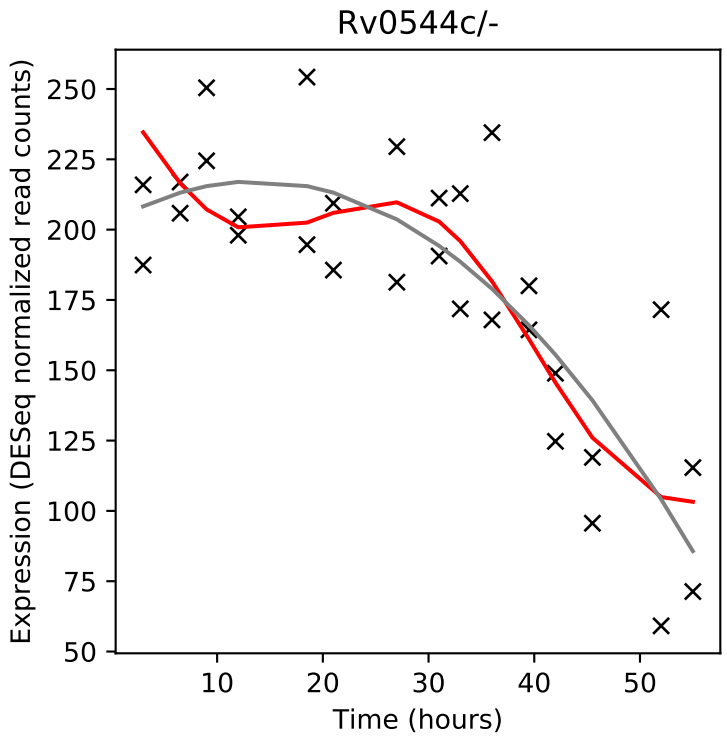

Rv0500B/-
Rv0501/galE2
Rv0502/-
Rv0503c/cmaA2
Rv0504c/-
Rv0505c/serB1
Rv0506/mmpS2
Rv0507/mmpL2
Rv0508/-
Expression (DESeq normalized read counts)
Time (hours)

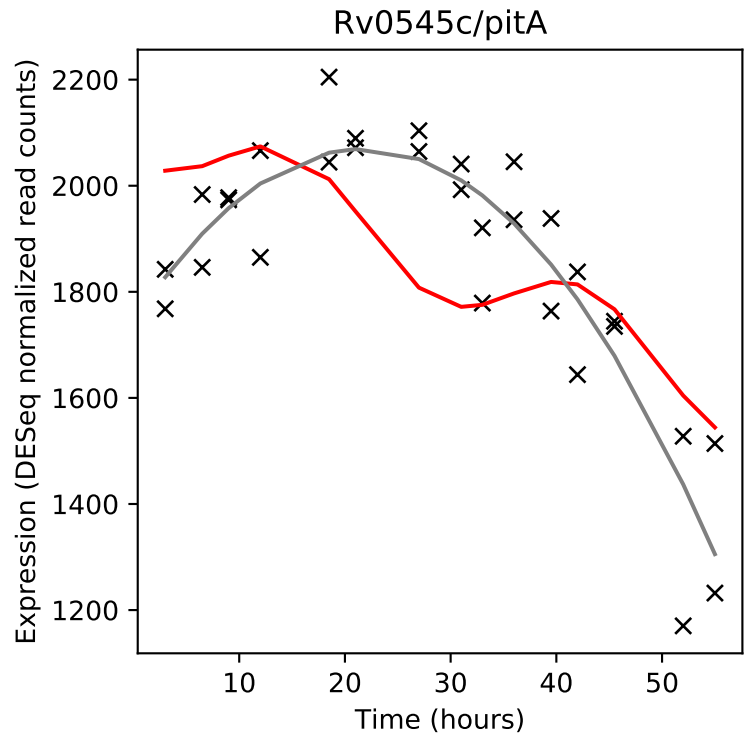

Rv0509/hemA
Rv0510/hemC
Rv0511/hemD
Rv0512/hemB
Rv0513/-
Rv0514/-
Rv0515/-
Rv0516c/-
Rv0517/-
Expression (DESeq normalized read counts)
Time (hours)

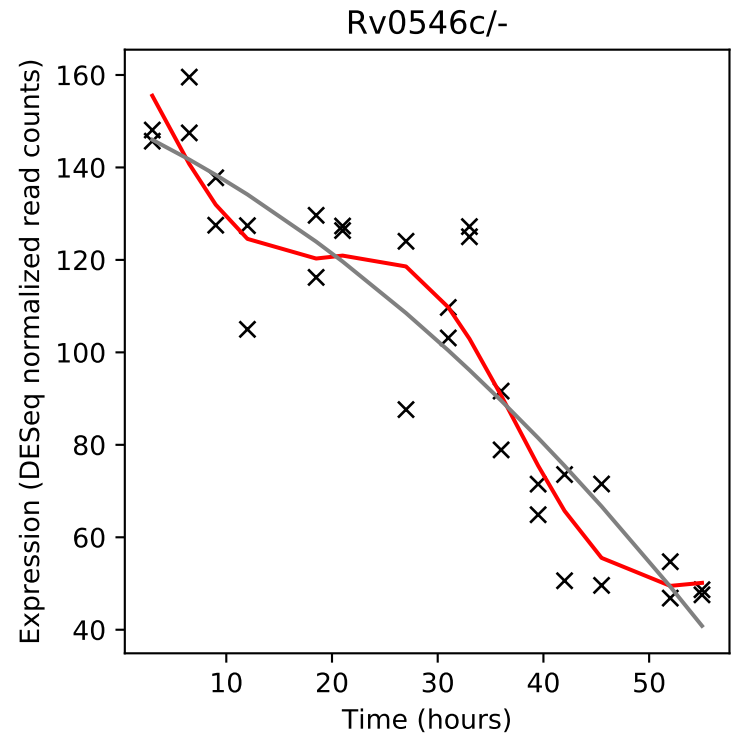

Rv0518/-
Rv0519c/-
Rv0520/-
Rv0521/-
Rv0522/gabP
Rv0523c/-
Rv0524/hemL
Rv0525/-
Rv0526/-
Expression (DESeq normalized read counts)
Time (hours)

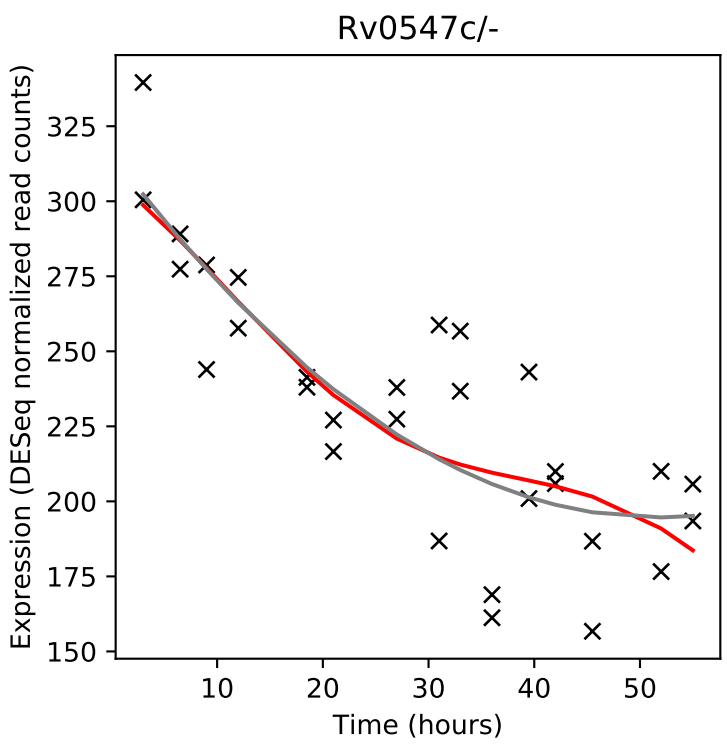

Rv0527/ccdA
Rv0528/-
Rv0529/ccsA
Rv0530/-
Rv0530A/-
Rv0531/-
Rv0532/PE_PGRS6
Rv0533c/fabH
Rv0534c/menA
Expression (DESeq normalized read counts)
Time (hours)

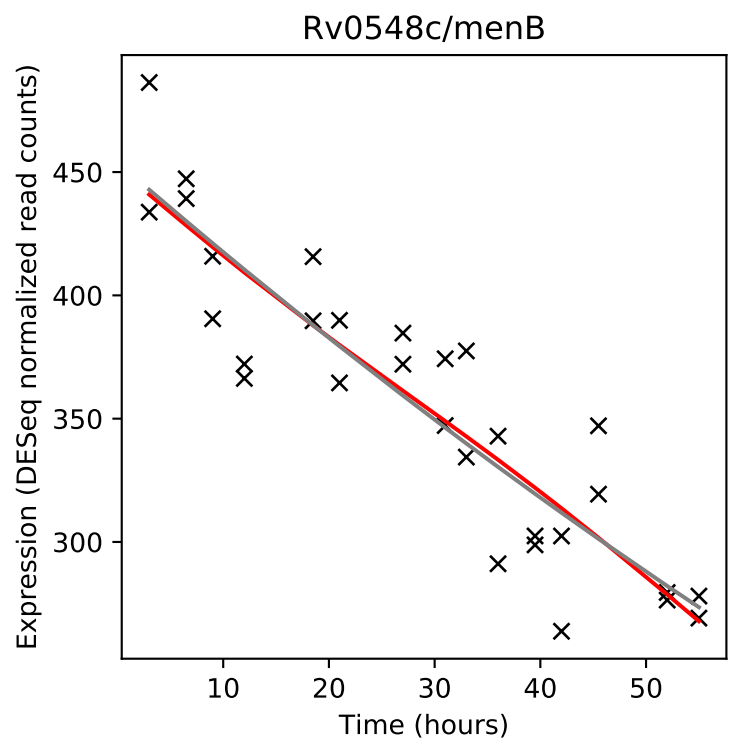

Rv0535/pnp
Rv0536/galE3
Rv0537c/-
Rv0538/-
Rv0539/-
Rv0540/-
Rv0541c/-
Rv0542c/menE
Rv0543c/-
Expression (DESeq normalized read counts)
Time (hours)

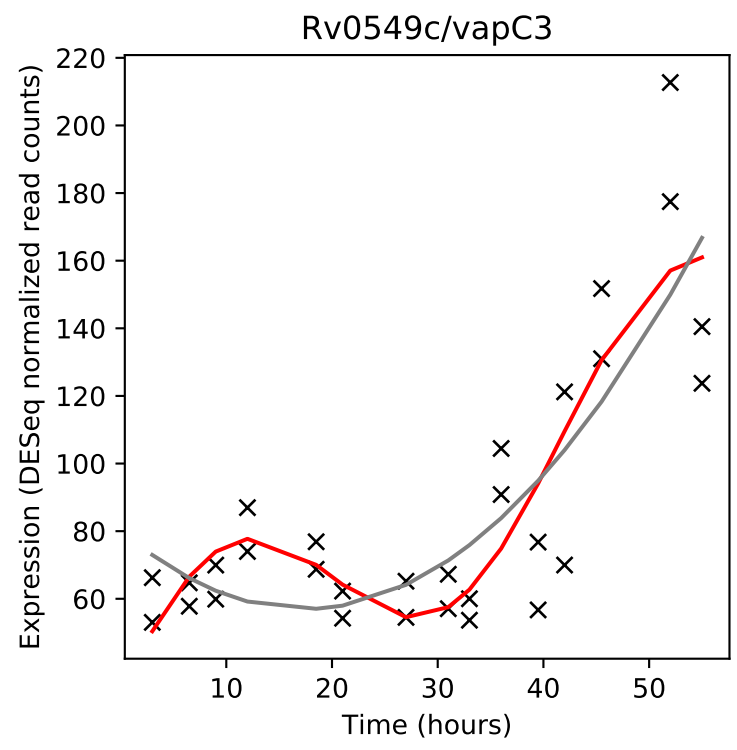

Rv0544c/-
Expression (DESeq normalized read counts)
Time (hours)

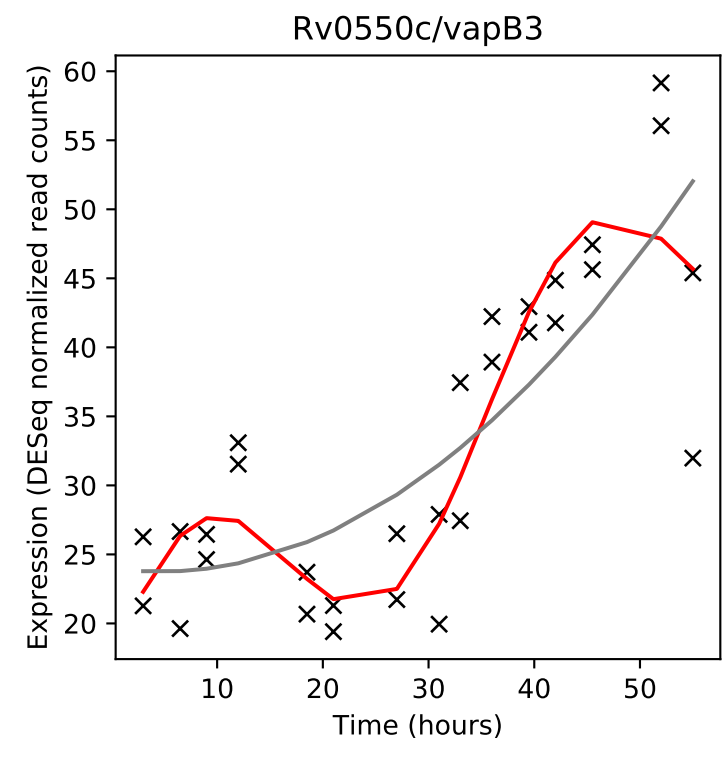

Rv0545c/pitA
Expression (DESeq normalized read counts)
Time (hours)

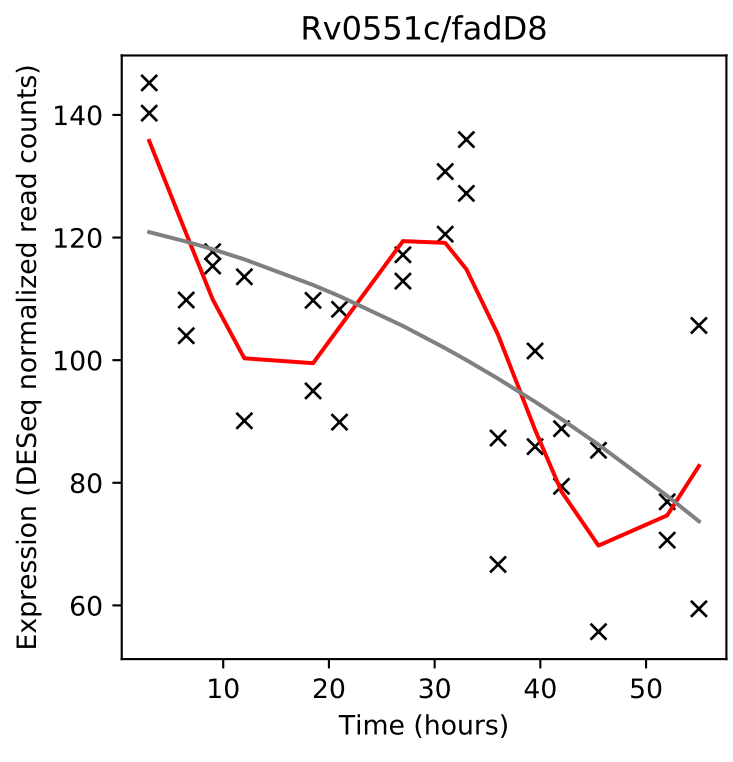

Rv0546c/-
Expression (DESeq normalized read counts)
Time (hours)

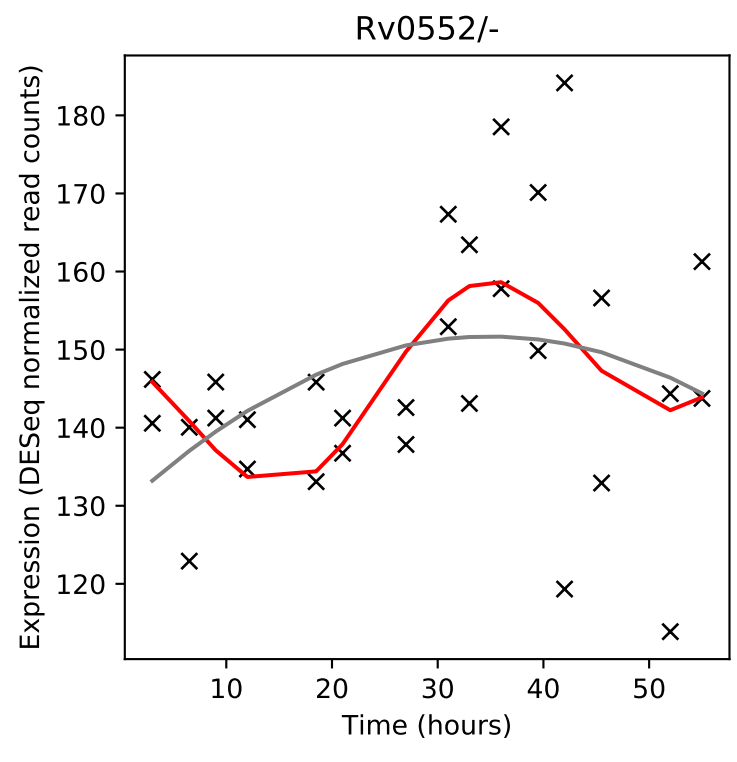

Rv0547c/-
Expression (DESeq normalized read counts)
Time (hours)

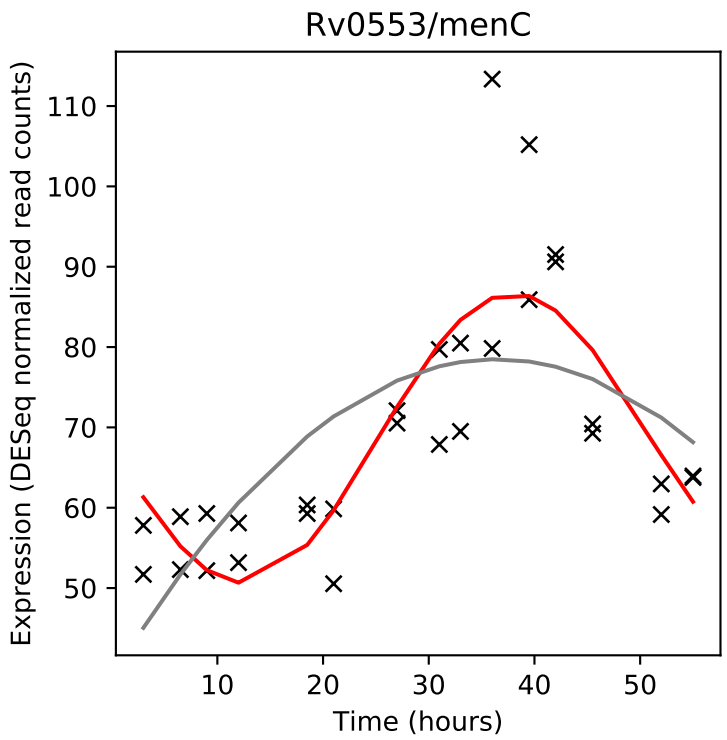

Rv0548c/menB
Expression (DESeq normalized read counts)
Time (hours)

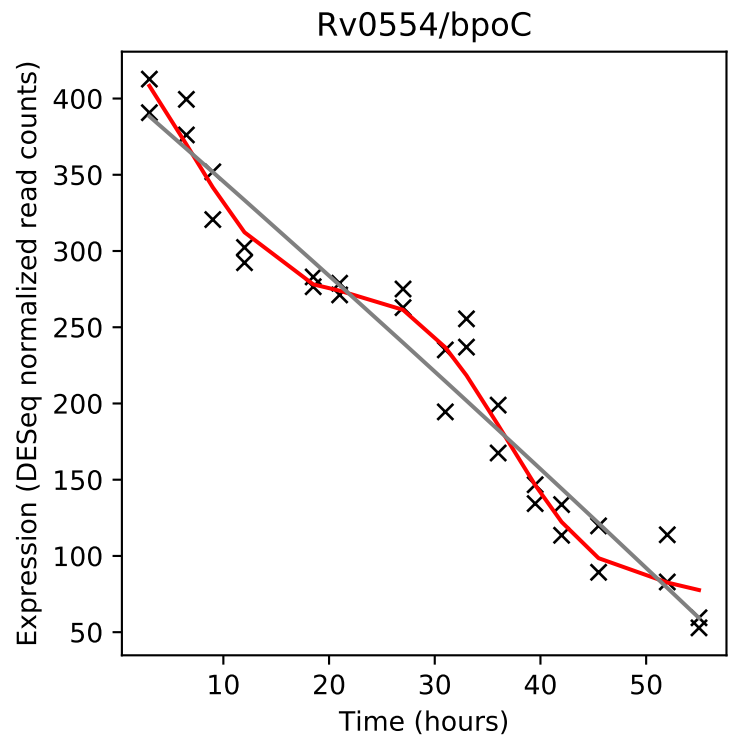

Rv0549c/vapC3
Expression (DESeq normalized read counts)
Time (hours)

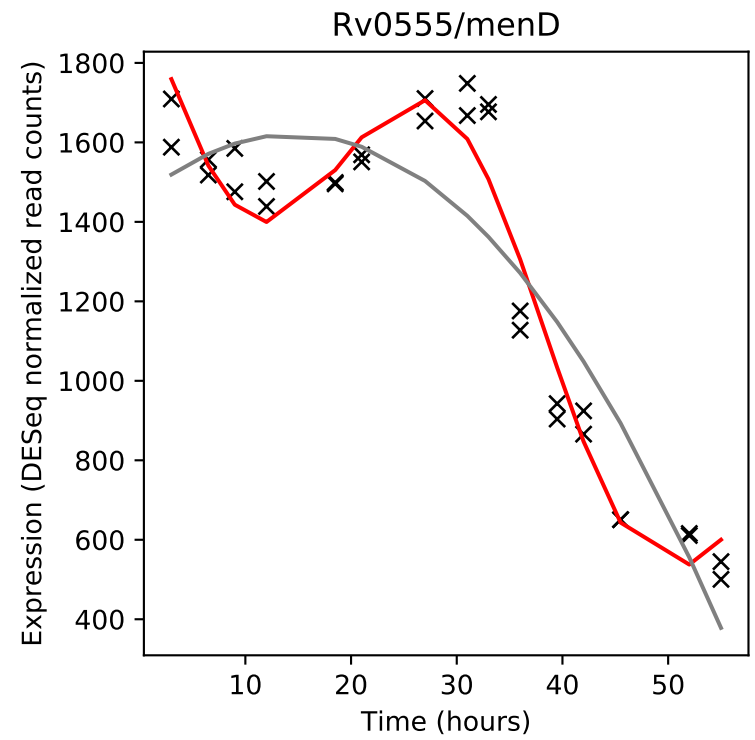

Rv0550c/vapB3
Expression (DESeq normalized read counts)
Time (hours)

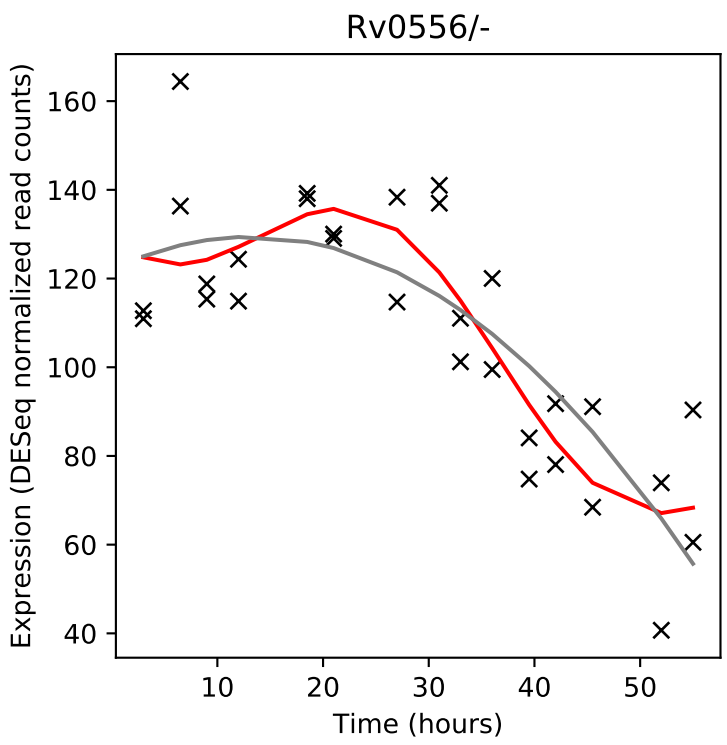

Rv0551c/fadD8
Expression (DESeq normalized read counts)
Time (hours)

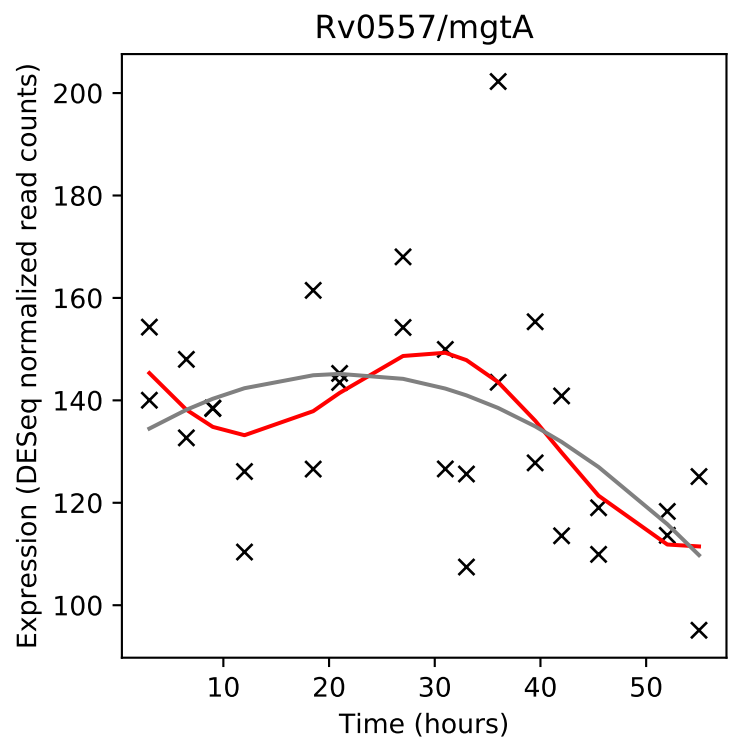

Rv0552/-
Expression (DESeq normalized read counts)
Time (hours)

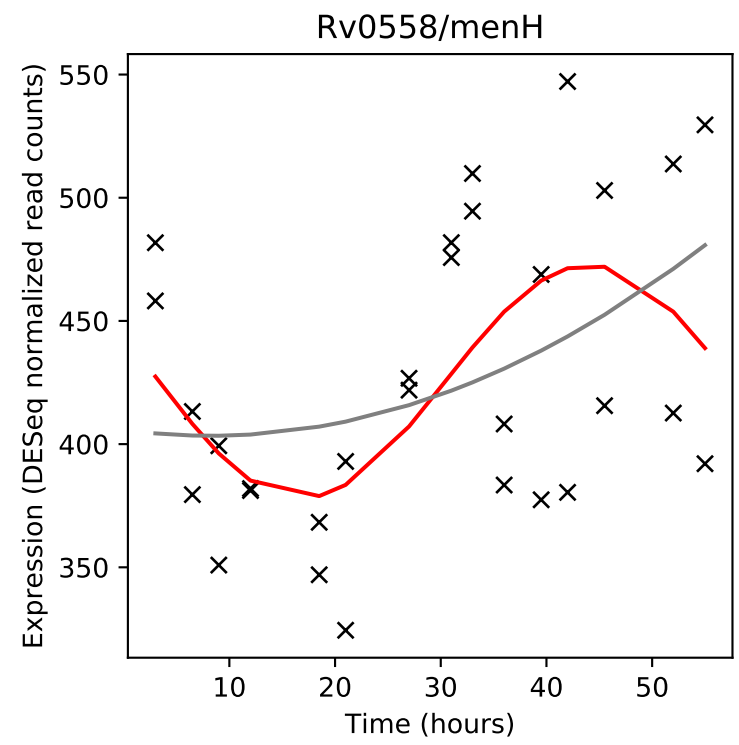

Rv0553/menC
Expression (DESeq normalized read counts)
Time (hours)

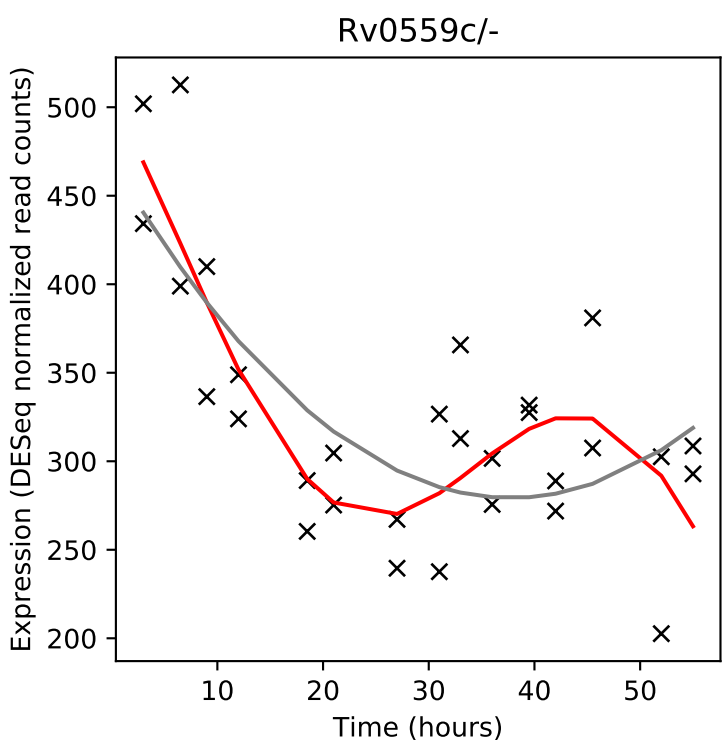

Rv0554/bpoC
Expression (DESeq normalized read counts)
Time (hours)

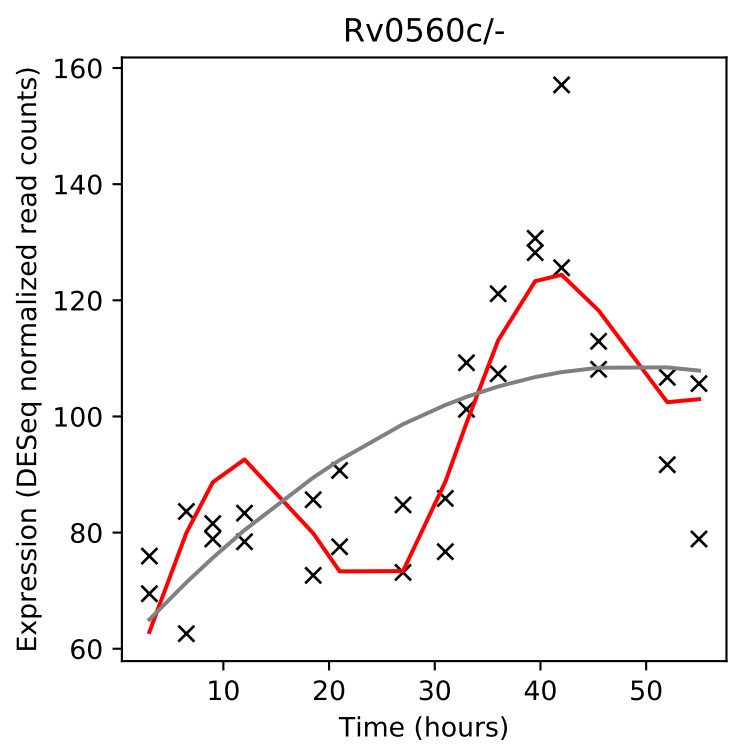

Rv0555/menD
Expression (DESeq normalized read counts)
Time (hours)

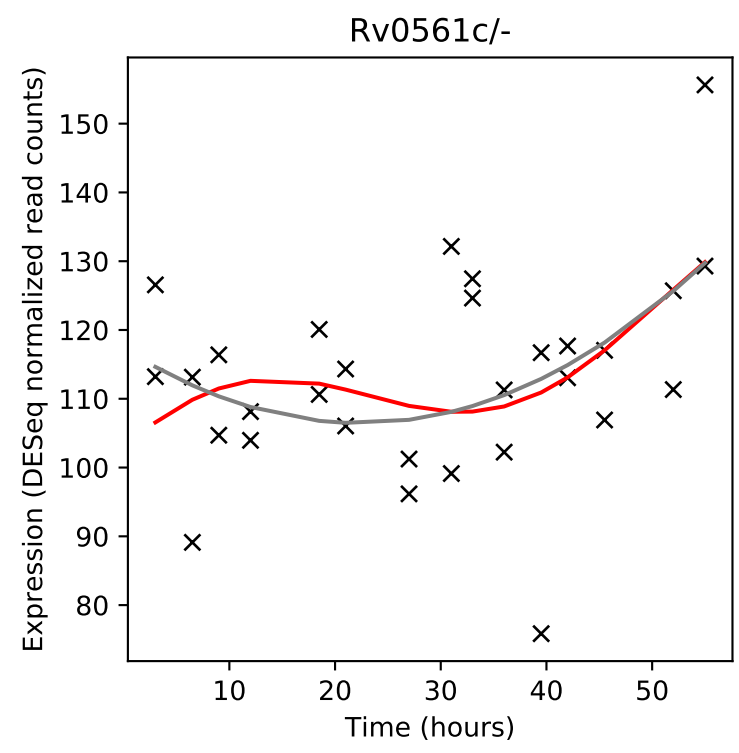

Rv0556/-
Expression (DESeq normalized read counts)
Time (hours)

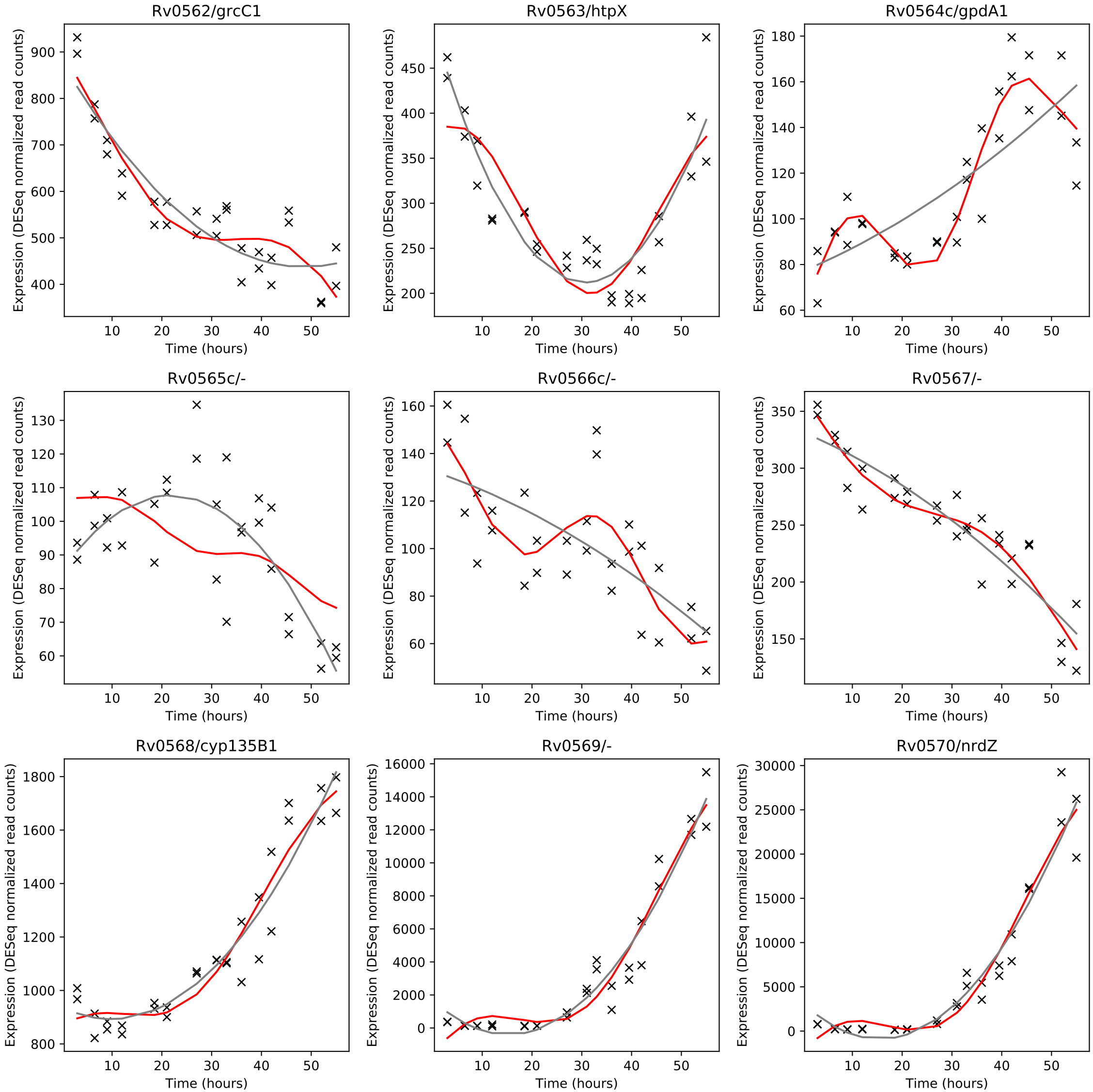

Rv0557/mgtA
Expression (DESeq normalized read counts)
Time (hours)

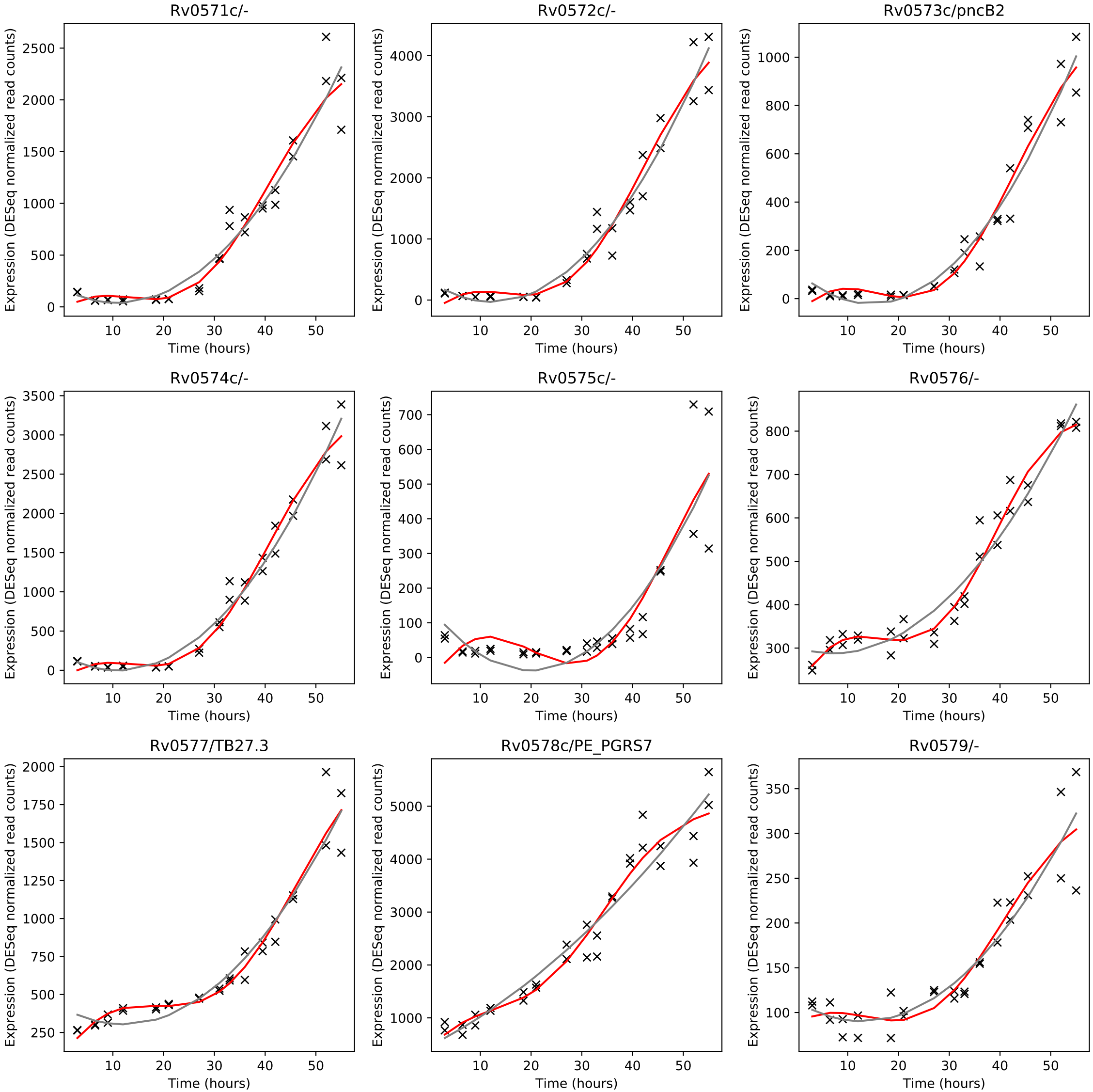

Rv0558/menH
Expression (DESeq normalized read counts)
Time (hours)

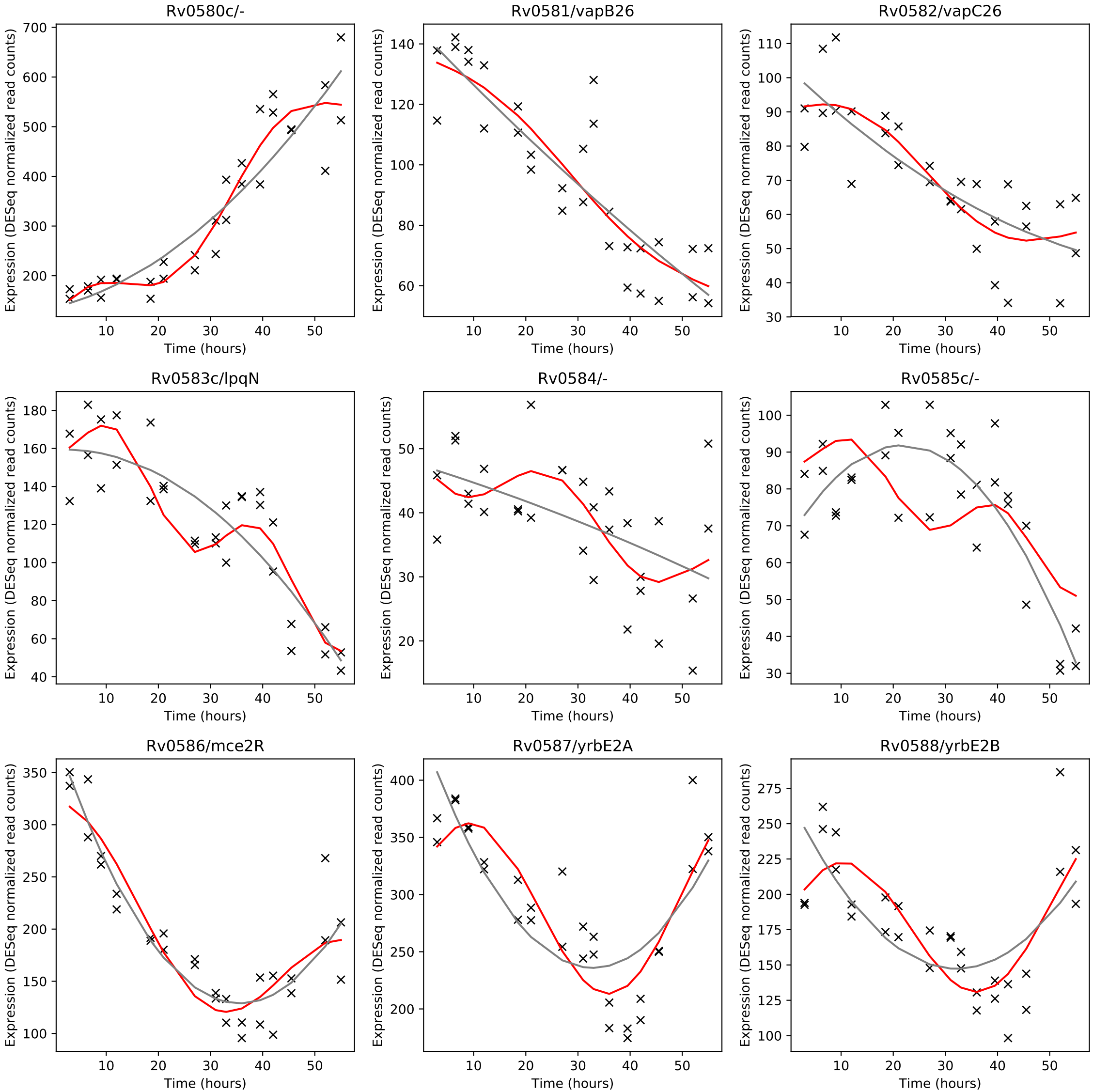

Rv0559c/-
Expression (DESeq normalized read counts)
Time (hours)

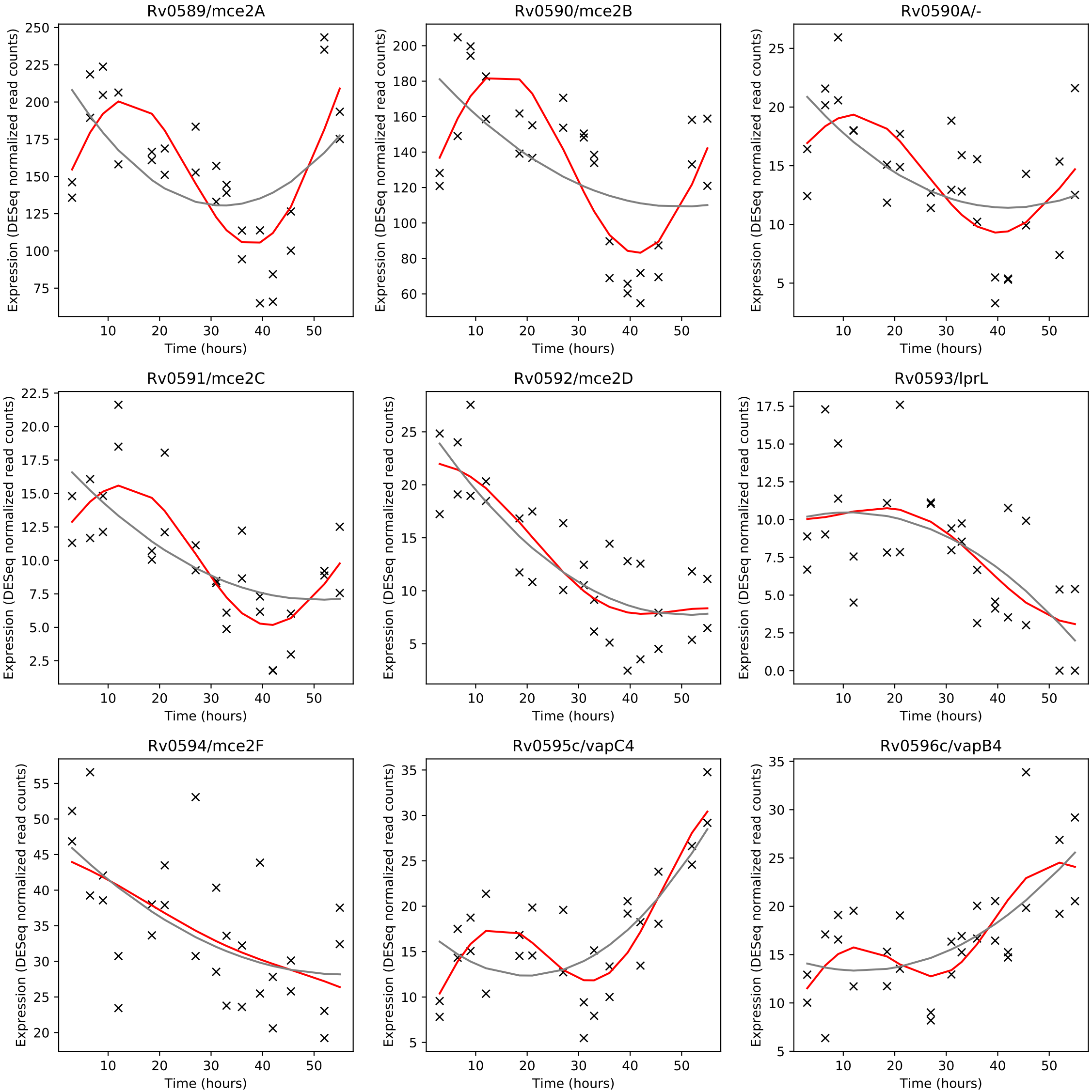

Rv0560c/-
Expression (DESeq normalized read counts)
Time (hours)

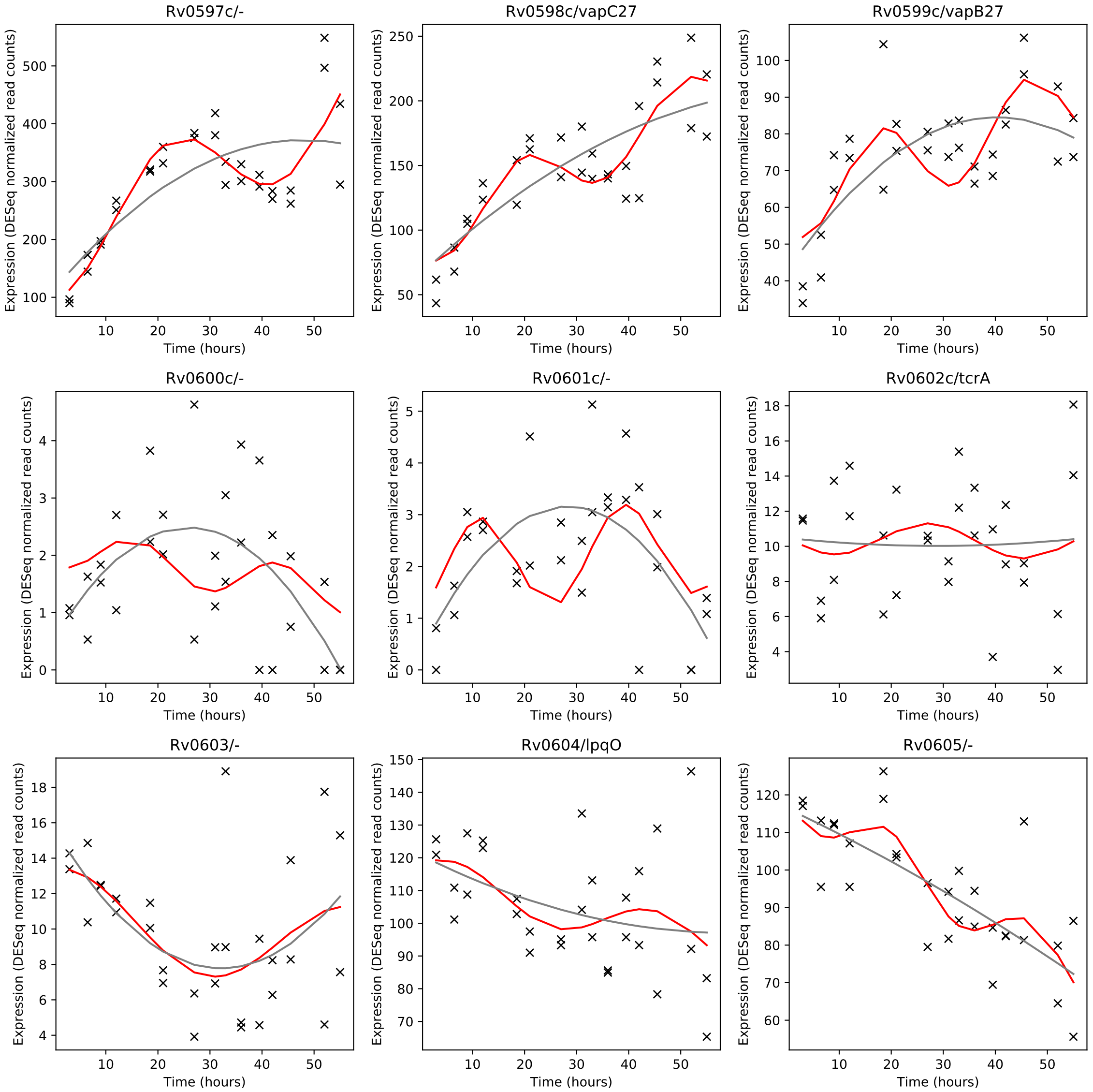

Rv0561c/-
Expression (DESeq normalized read counts)
Time (hours)

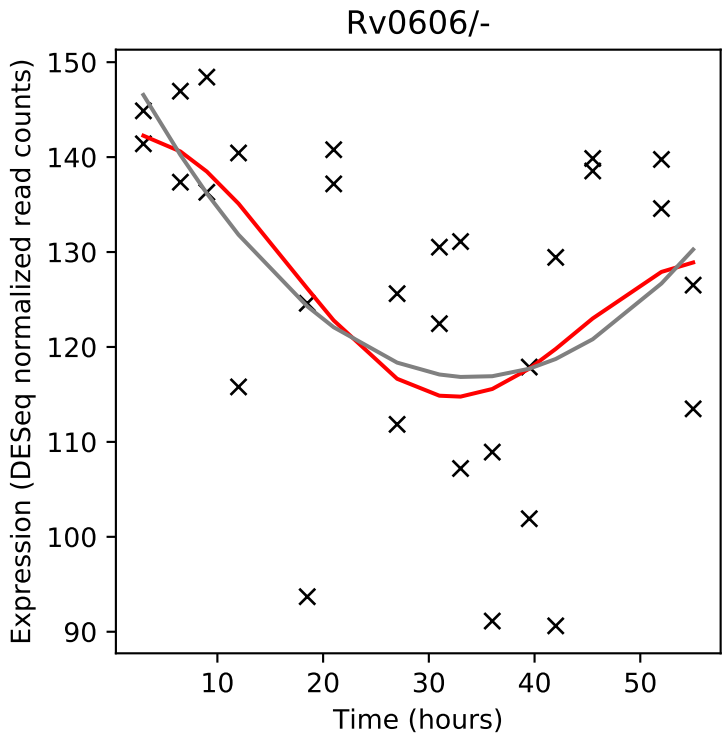

Rv0562/grcC1
Rv0563/htpX
Rv0564c/gpdA1
Rv0565c/-
Rv0566c/-
Rv0567/-
Rv0568/cyp135B1
Rv0569/-
Rv0570/nrdZ
Expression (DESeq normalized read counts)
Time (hours)

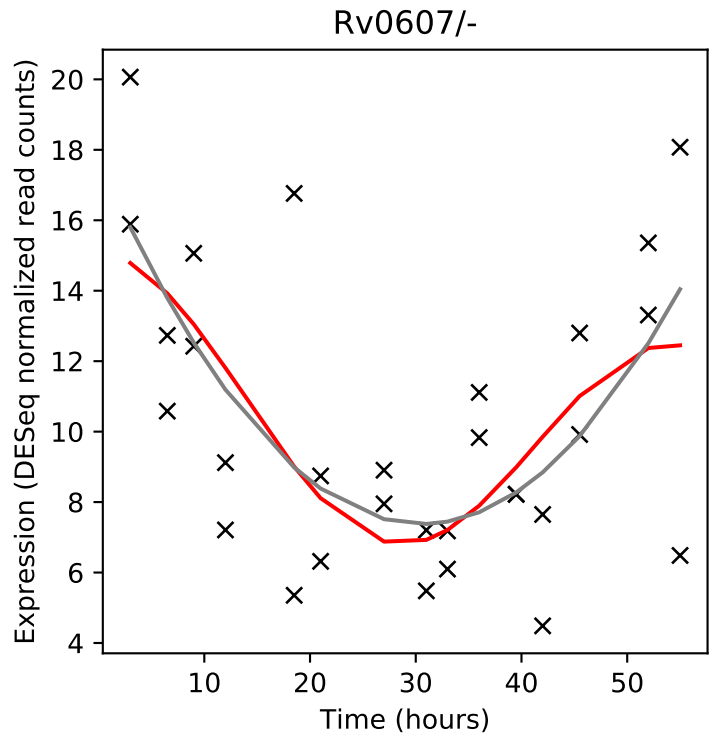

Rv0571c/-
Rv0572c/-
Rv0573c/pncB2
Rv0574c/-
Rv0575c/-
Rv0576/-
Rv0577/TB27.3
Rv0578c/PE_PGRS7
Rv0579/-
Expression (DESeq normalized read counts)
Time (hours)

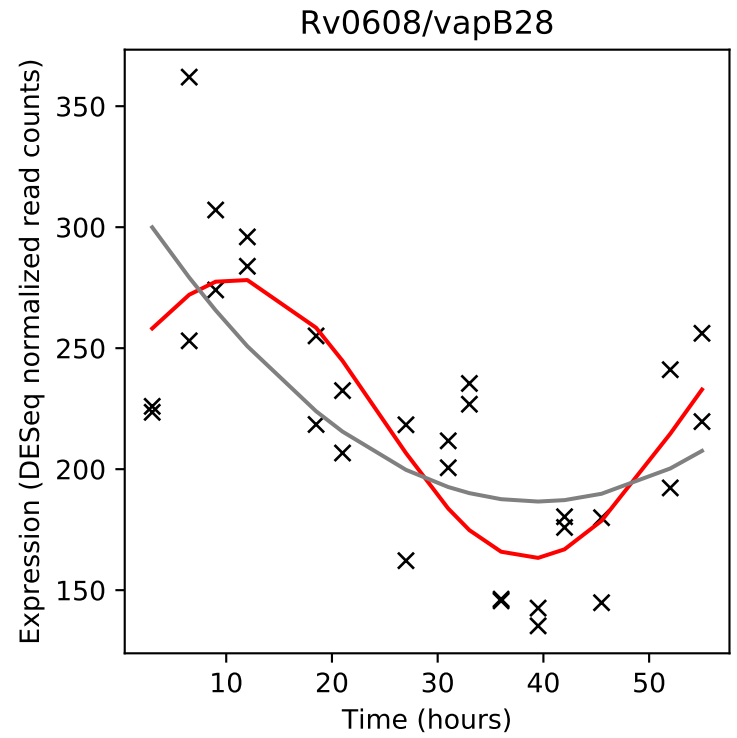

Rv0580c/-
Rv0581/vapB26
Rv0582/vapC26
Rv0583c/lpqN
Rv0584/-
Rv0585c/-
Rv0586/mce2R
Rv0587/yrbE2A
Rv0588/yrbE2B
Expression (DESeq normalized read counts)
Time (hours)

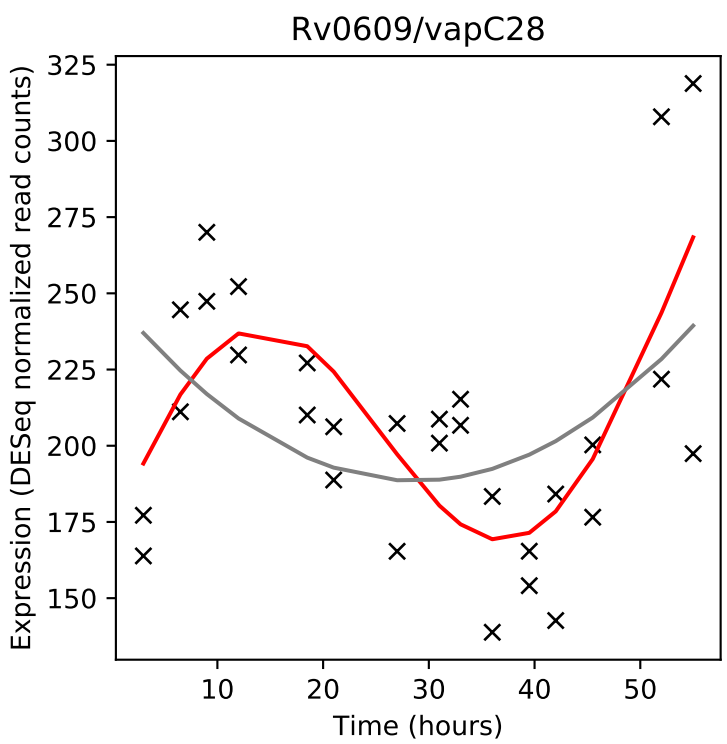

Rv0589/mce2A
Rv0590/mce2B
Rv0590A/-
Rv0591/mce2C
Rv0592/mce2D
Rv0593/lprL
Rv0594/mce2F
Rv0595c/vapC4
Rv0596c/vapB4
Expression (DESeq normalized read counts)
Time (hours)

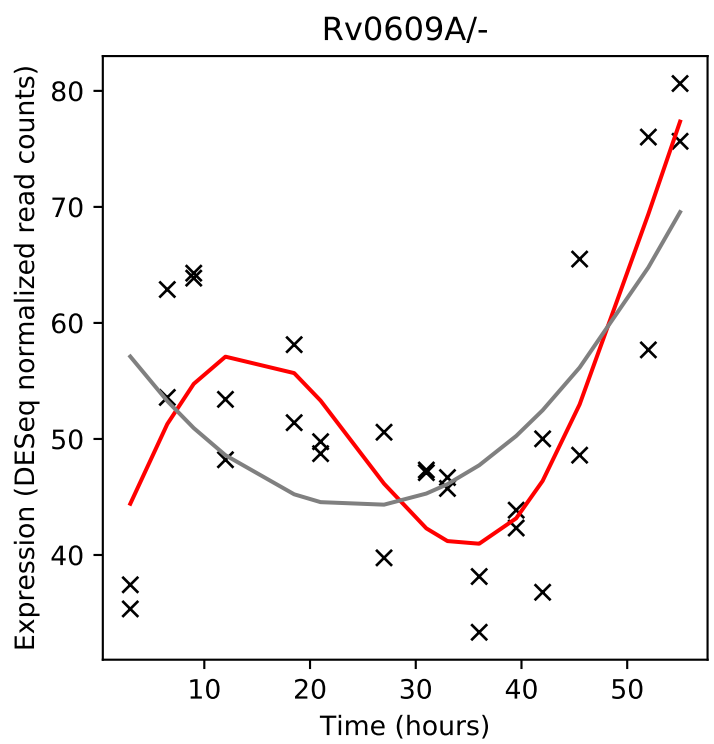

Rv0597c/-
Rv0598c/vapC27
Rv0599c/vapB27
Rv0600c/-
Rv0601c/-
Rv0602c/tcrA
Rv0603/-
Rv0604/lpqO
Rv0605/-
Expression (DESeq normalized read counts)
Time (hours)

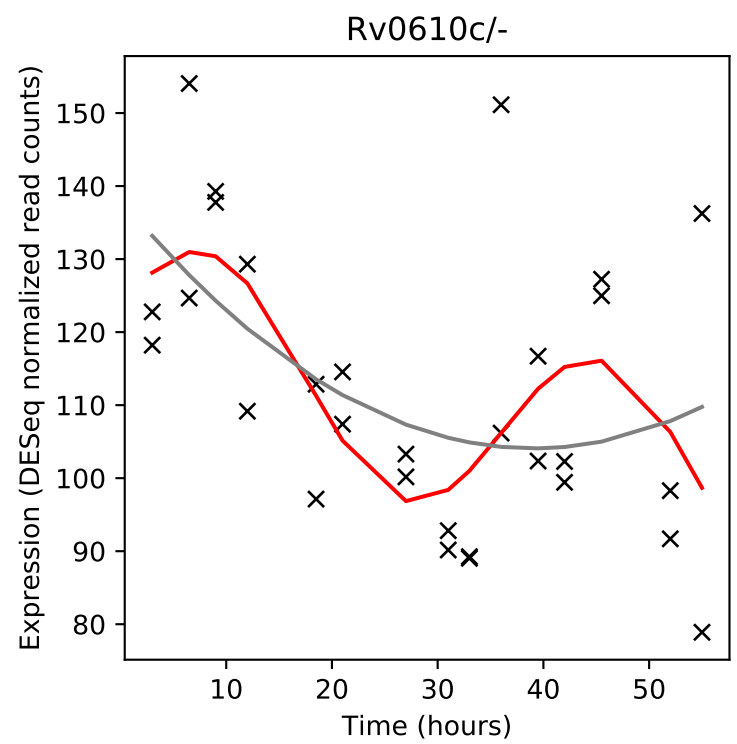

Rv0606/-
Expression (DESeq normalized read counts)
Time (hours)

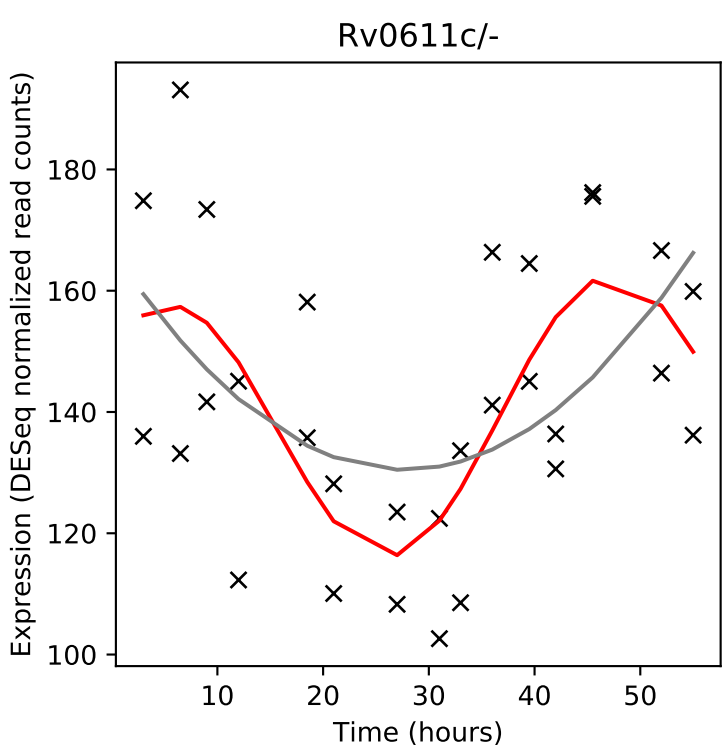

Rv0607/-
Expression (DESeq normalized read counts)
Time (hours)

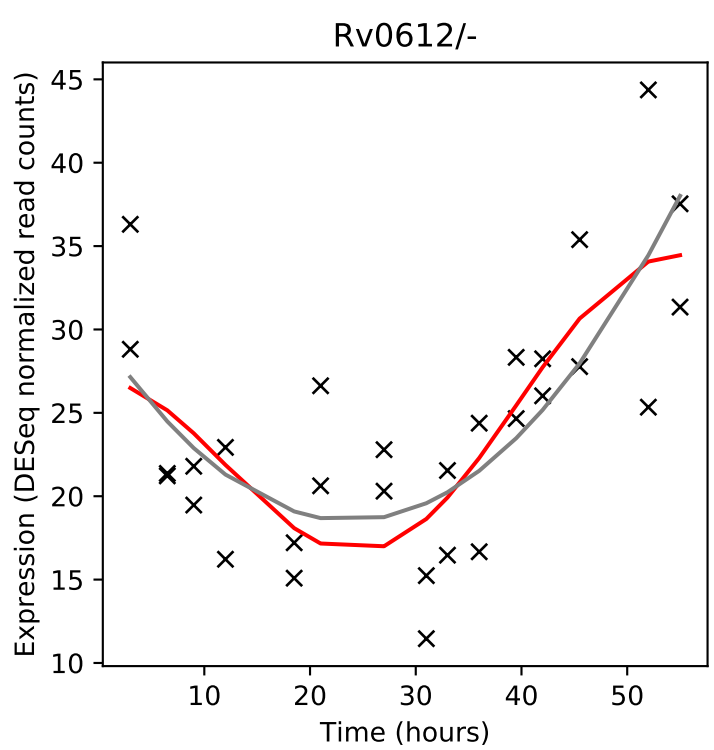

Rv0608/vapB28
Expression (DESeq normalized read counts)
Time (hours)

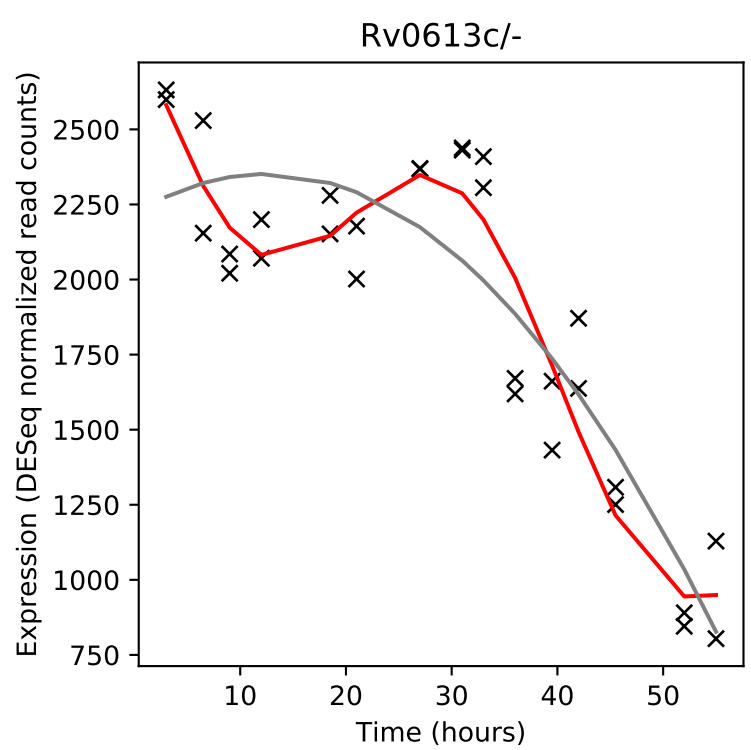

Rv0609/vapC28
Expression (DESeq normalized read counts)
Time (hours)

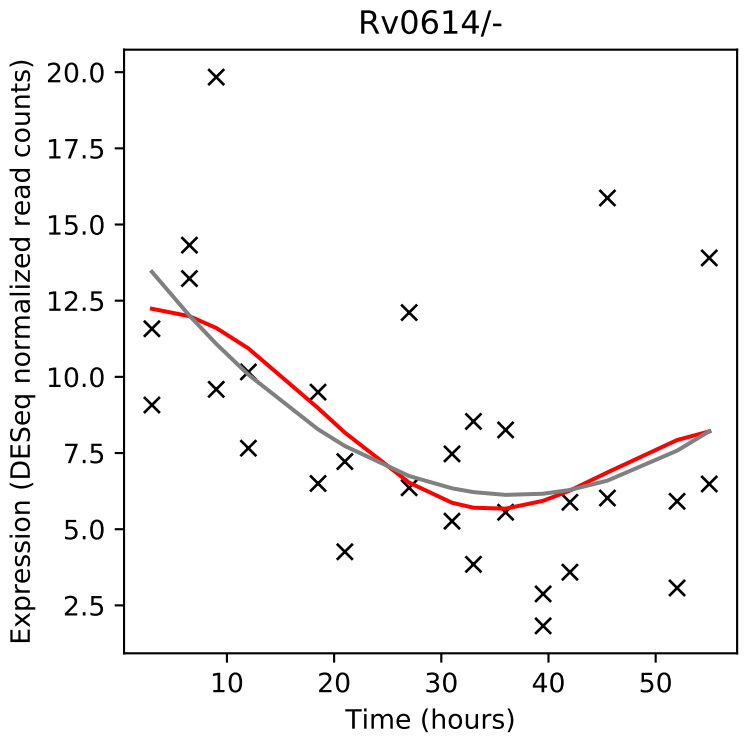

Rv0609A/-
Expression (DESeq normalized read counts)
Time (hours)

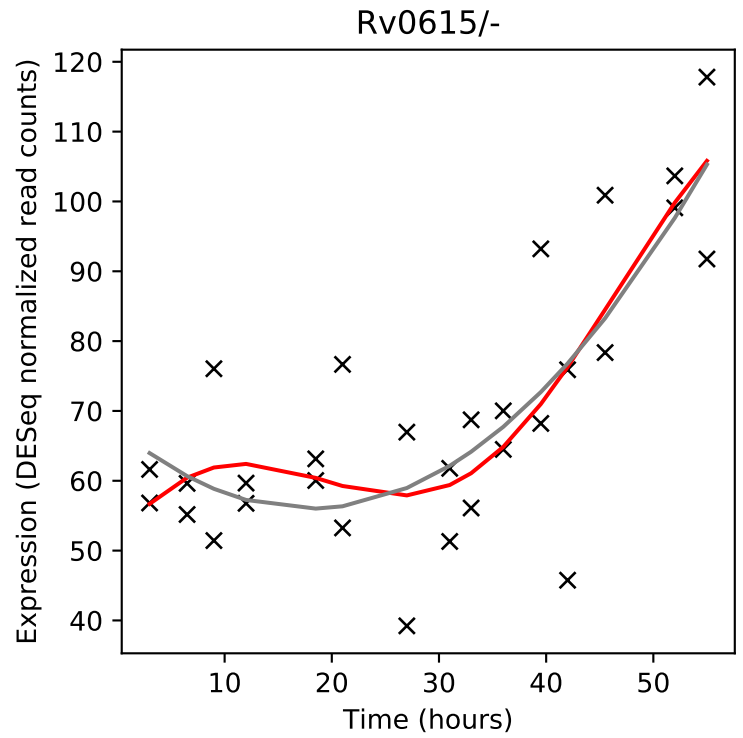

Rv0610c/-
Expression (DESeq normalized read counts)
Time (hours)

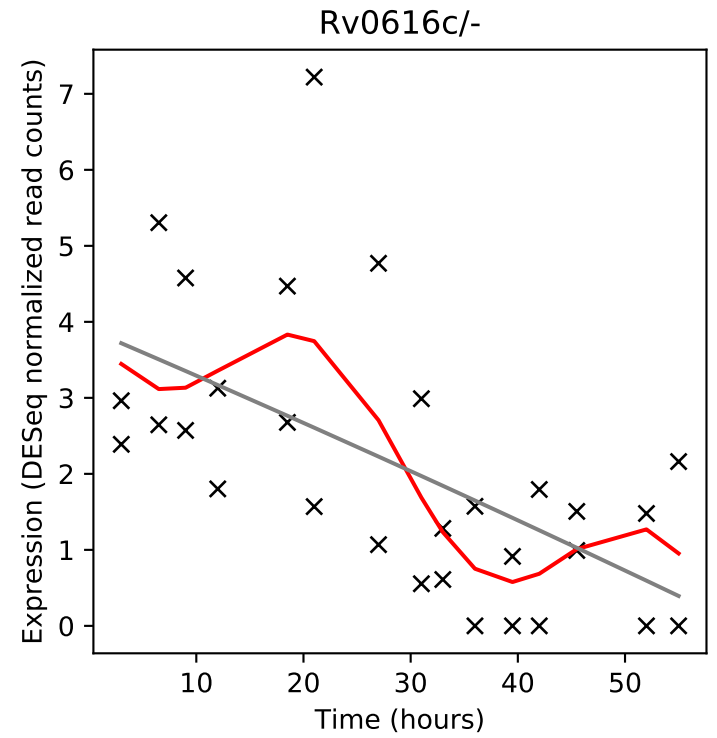

Rv0611c/-
Expression (DESeq normalized read counts)
Time (hours)

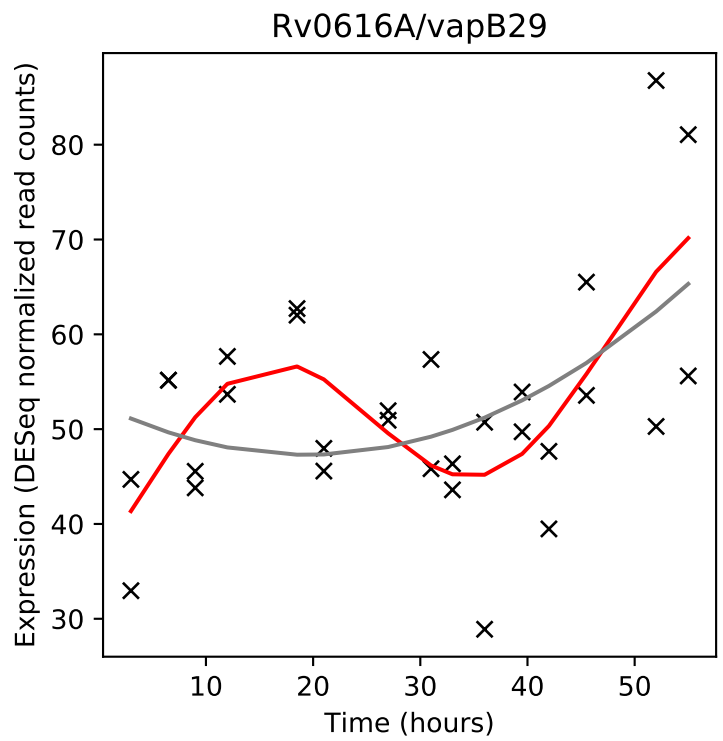

Rv0612/-
Expression (DESeq normalized read counts)
Time (hours)

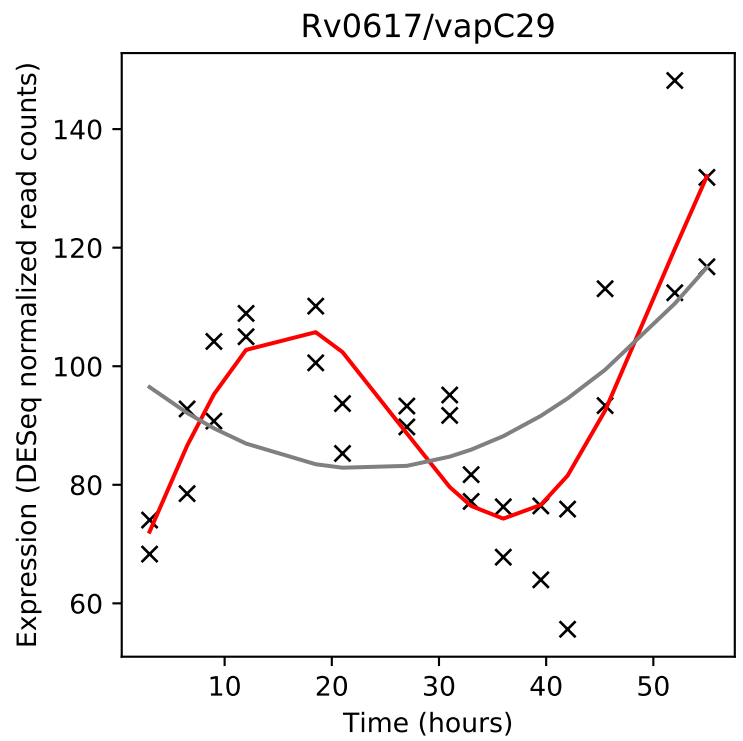

Rv0613c/-
Expression (DESeq normalized read counts)
Time (hours)

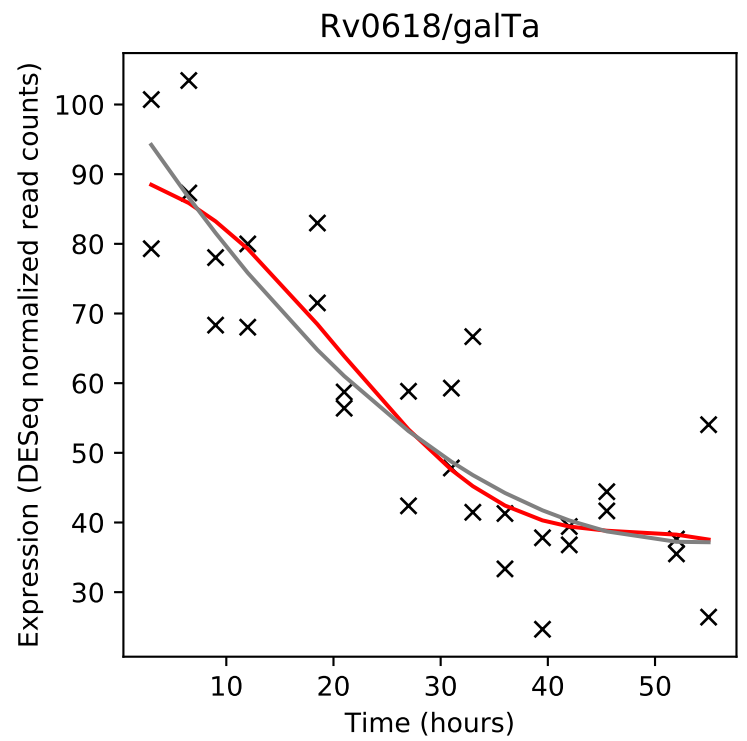

Rv0614/-
Expression (DESeq normalized read counts)
Time (hours)

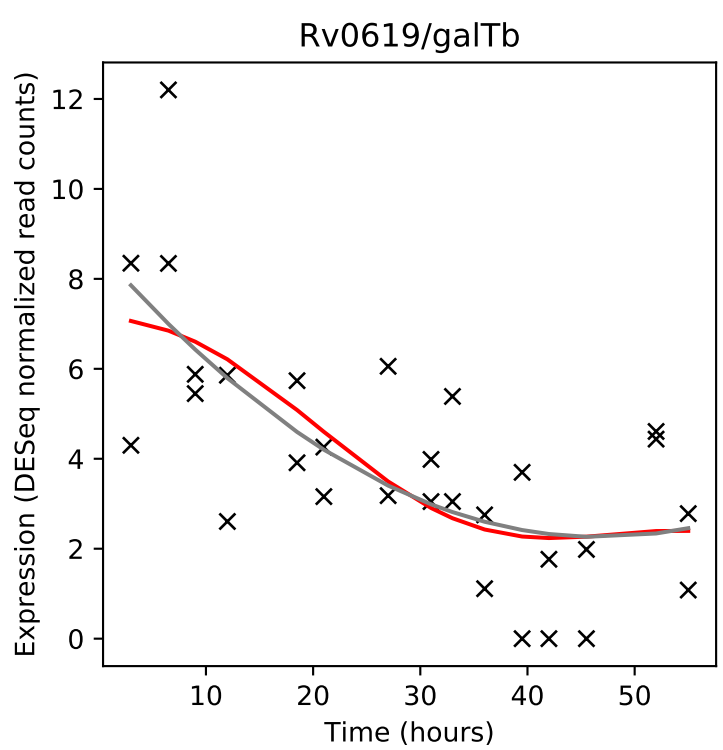

Rv0615/-
Expression (DESeq normalized read counts)
Time (hours)

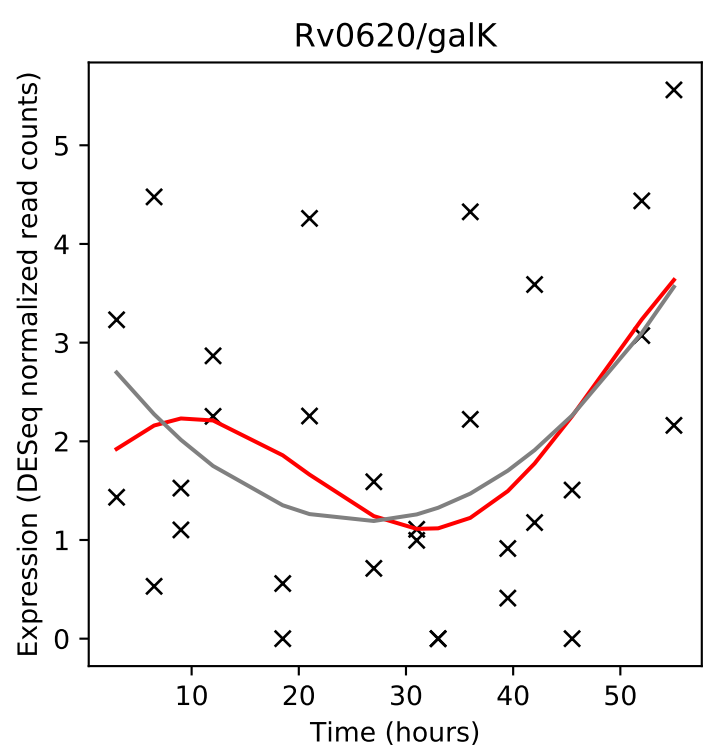

Rv0616c/-
Expression (DESeq normalized read counts)
Time (hours)

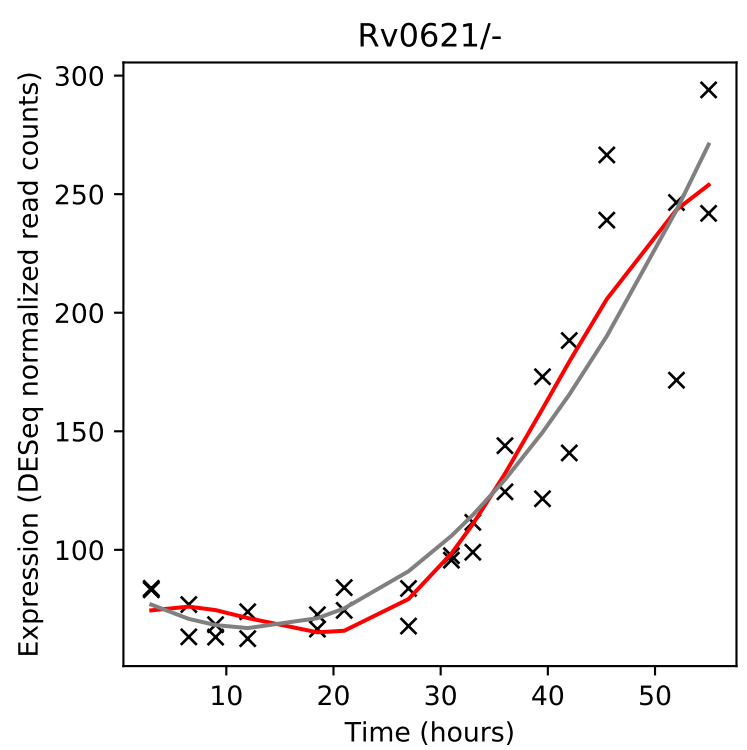

Rv0616A/vapB29
Expression (DESeq normalized read counts)
Time (hours)

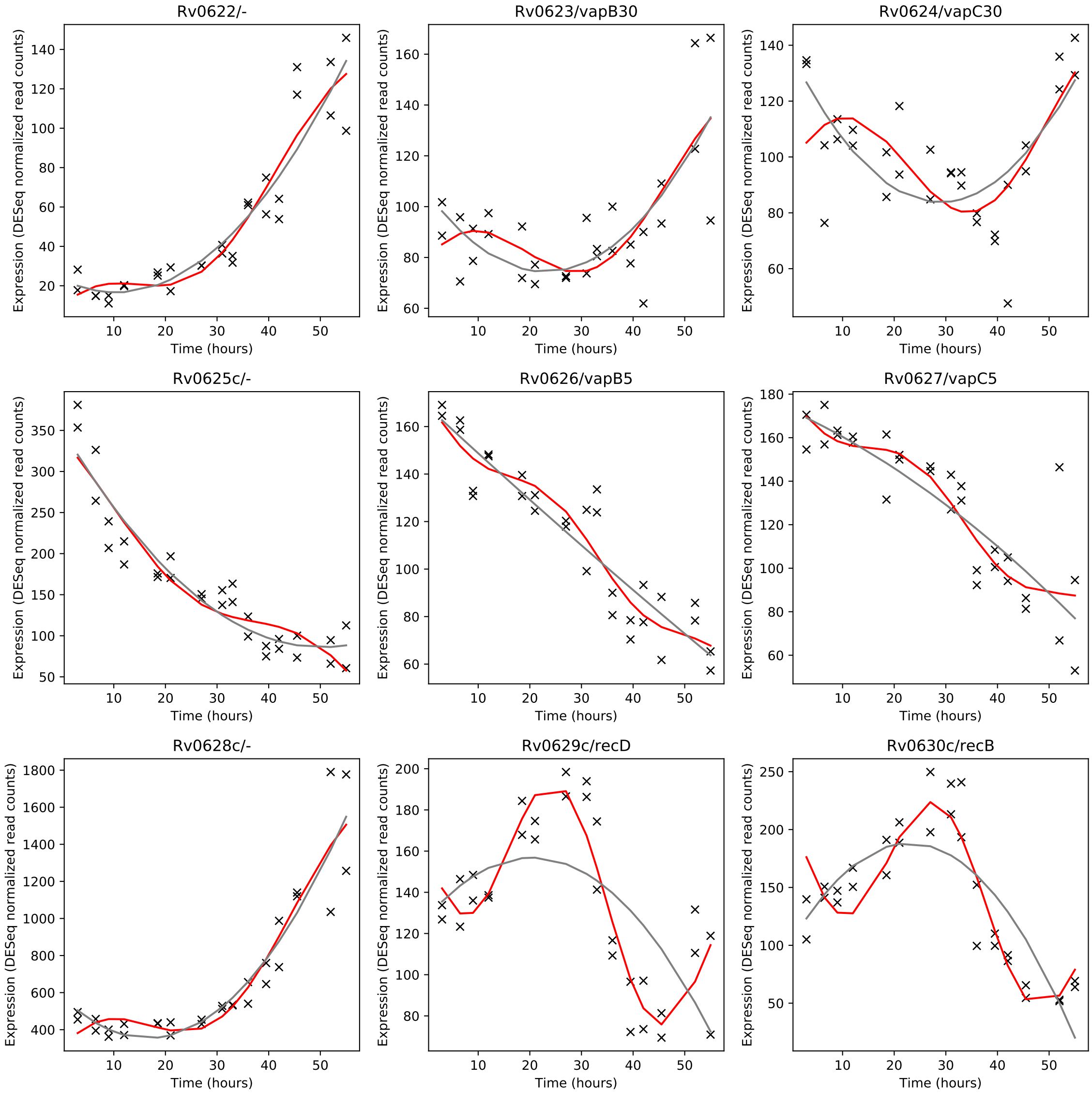

Rv0617/vapC29
Expression (DESeq normalized read counts)
Time (hours)

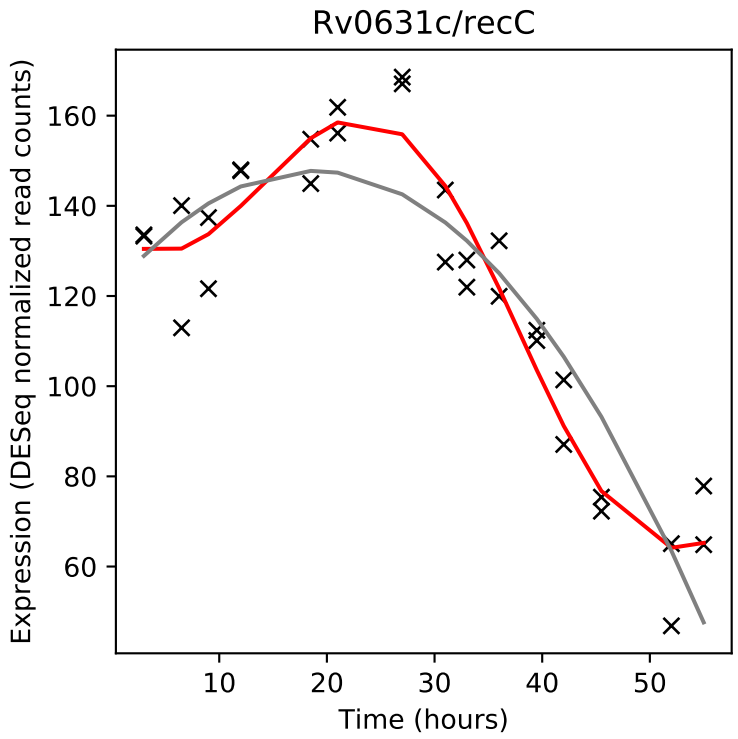

Rv0618/galTa
Expression (DESeq normalized read counts)
Time (hours)

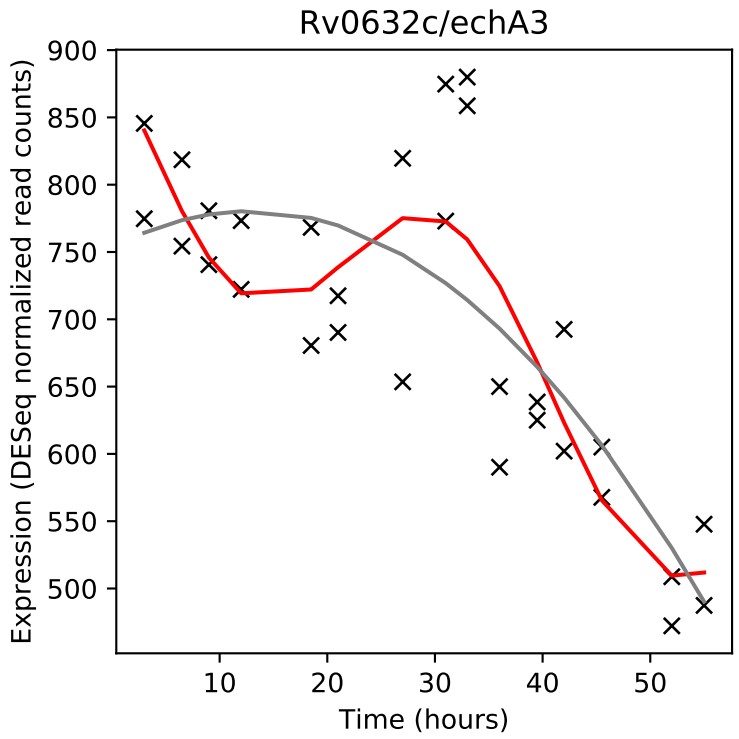

Rv0619/galTb
Expression (DESeq normalized read counts)
Time (hours)

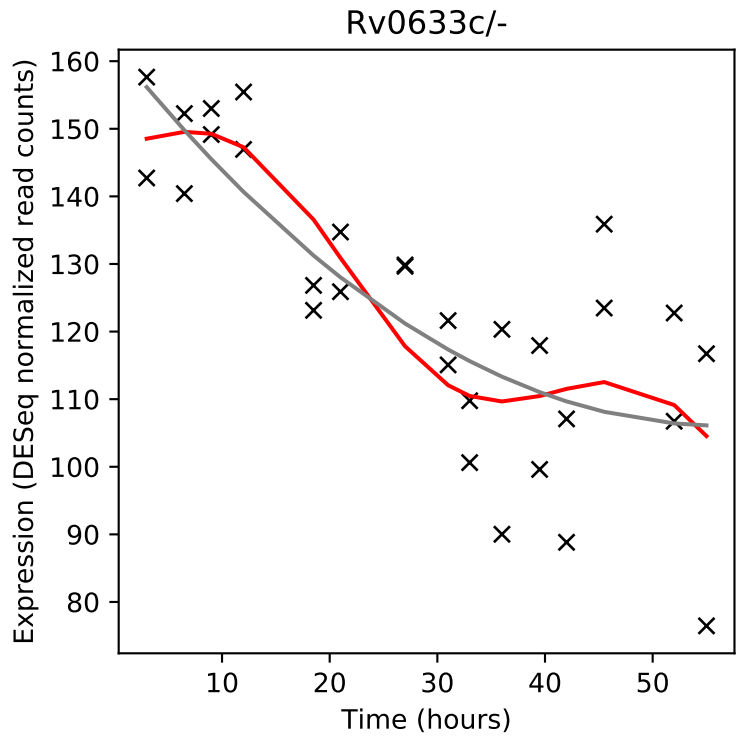

Rv0620/galK
Expression (DESeq normalized read counts)
Time (hours)

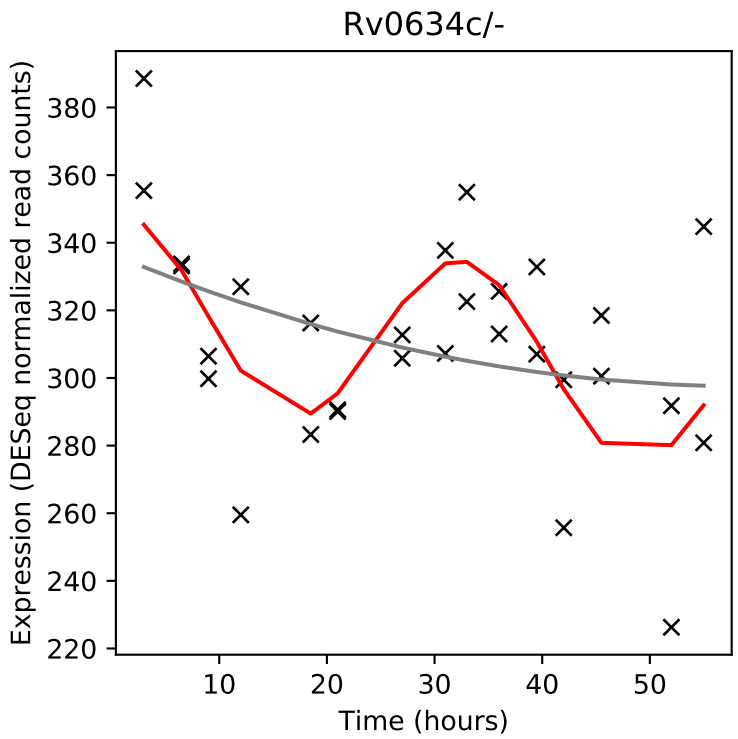

Rv0621/-
Expression (DESeq normalized read counts)
Time (hours)

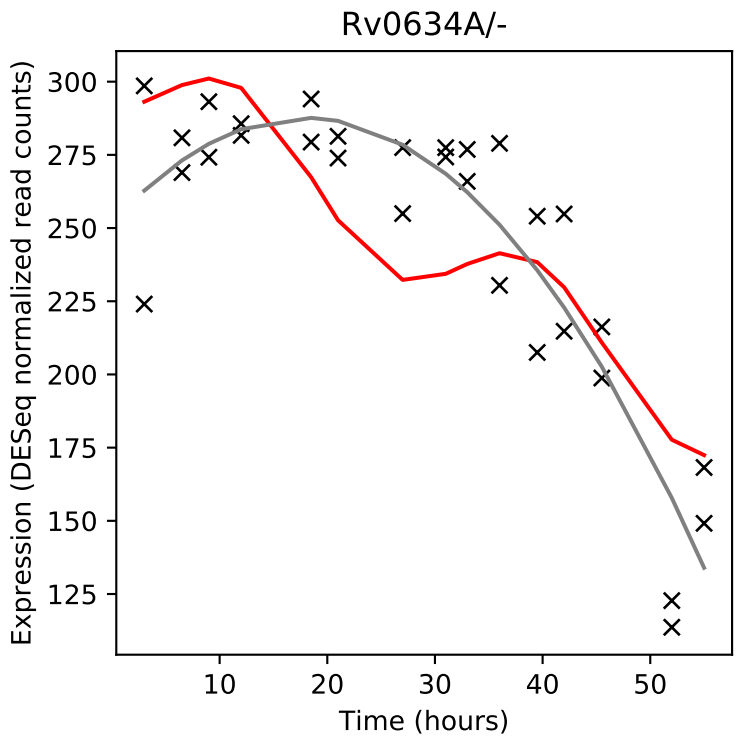

Rv0622/-
Rv0623/vapB30
Rv0624/vapC30
Rv0625c/-
Rv0626/vapB5
Rv0627/vapC5
Rv0628c/-
Rv0629c/recD
Rv0630c/recB
Expression (DESeq normalized read counts)
Time (hours)

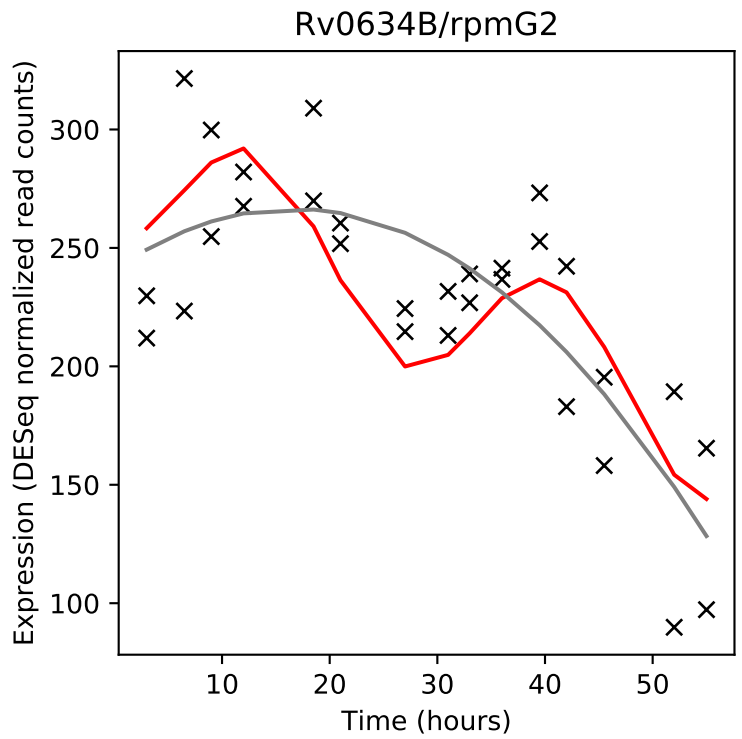

Rv0631c/recC
Expression (DESeq normalized read counts)
Time (hours)

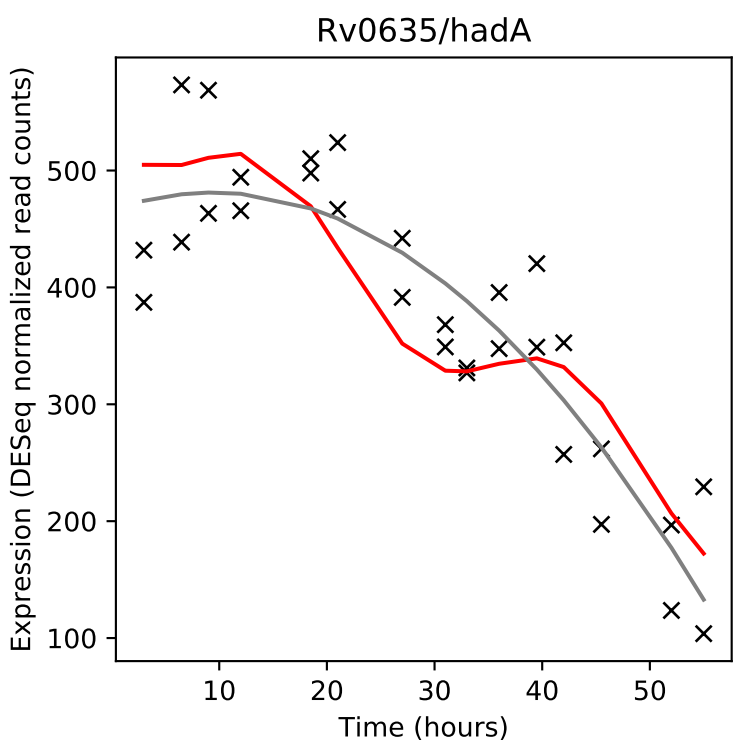

Rv0632c/echA3
Expression (DESeq normalized read counts)
Time (hours)

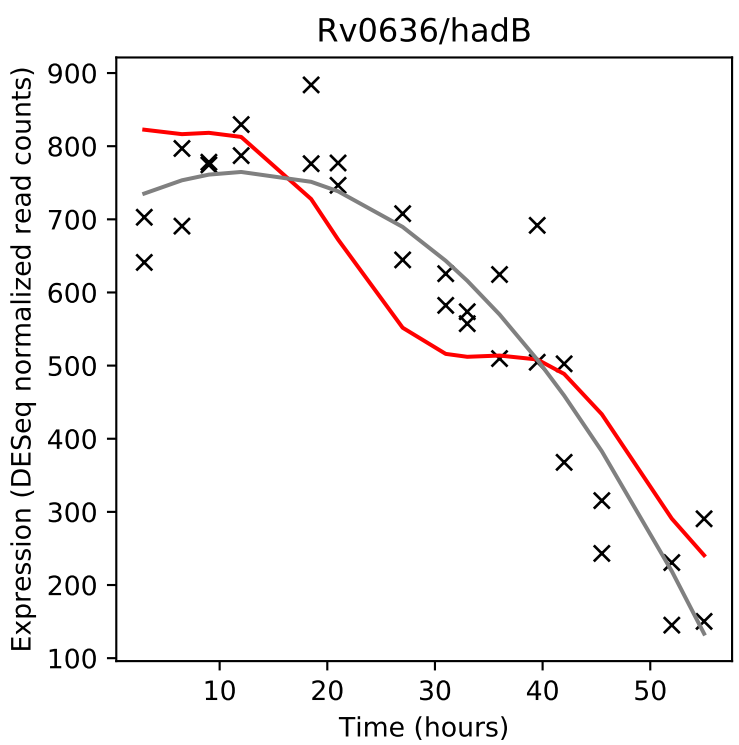

Rv0633c/-
Expression (DESeq normalized read counts)
Time (hours)

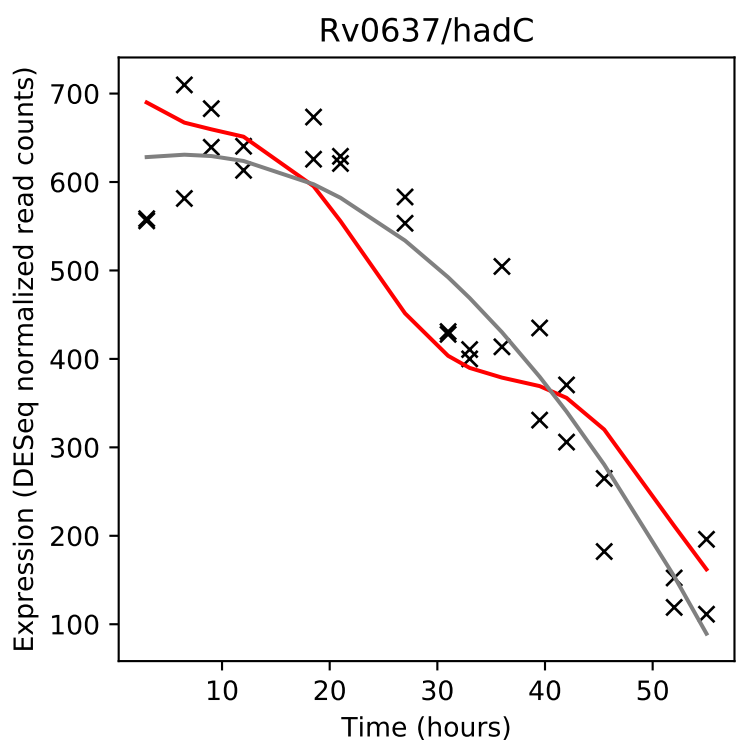

Rv0634c/-
Expression (DESeq normalized read counts)
Time (hours)

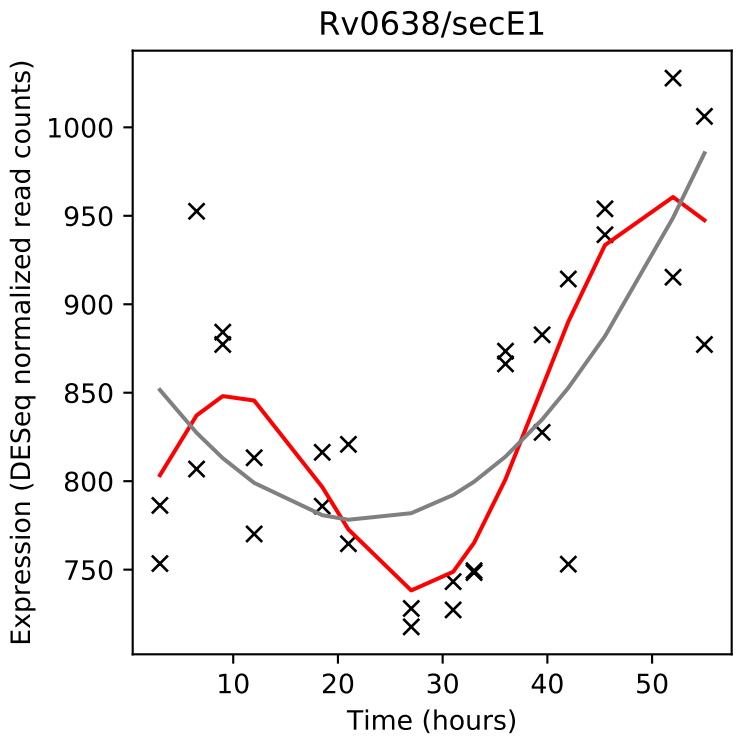

Rv0634A/-
Expression (DESeq normalized read counts)
Time (hours)

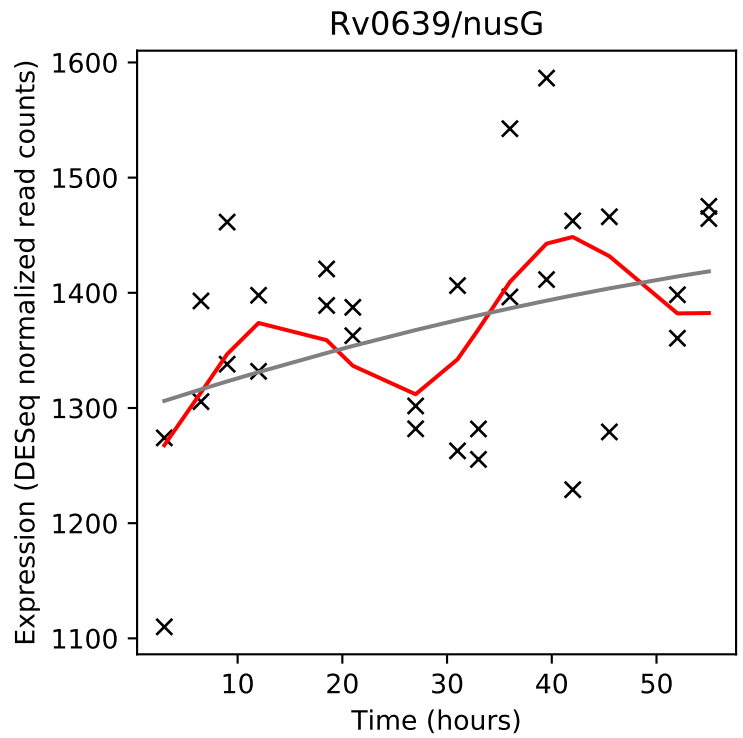

Rv0634B/rpmG2
Expression (DESeq normalized read counts)
Time (hours)

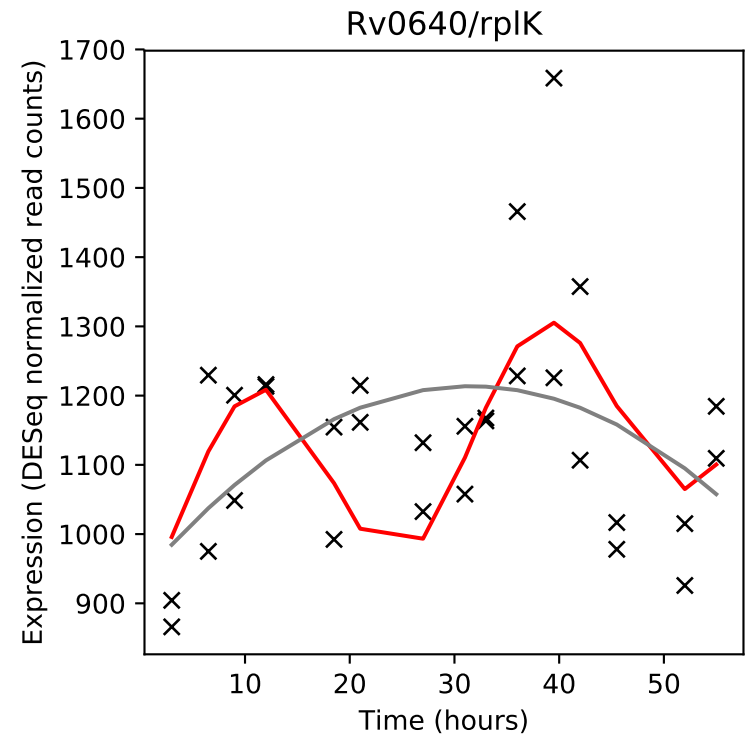

Rv0635/hadA
Expression (DESeq normalized read counts)
Time (hours)

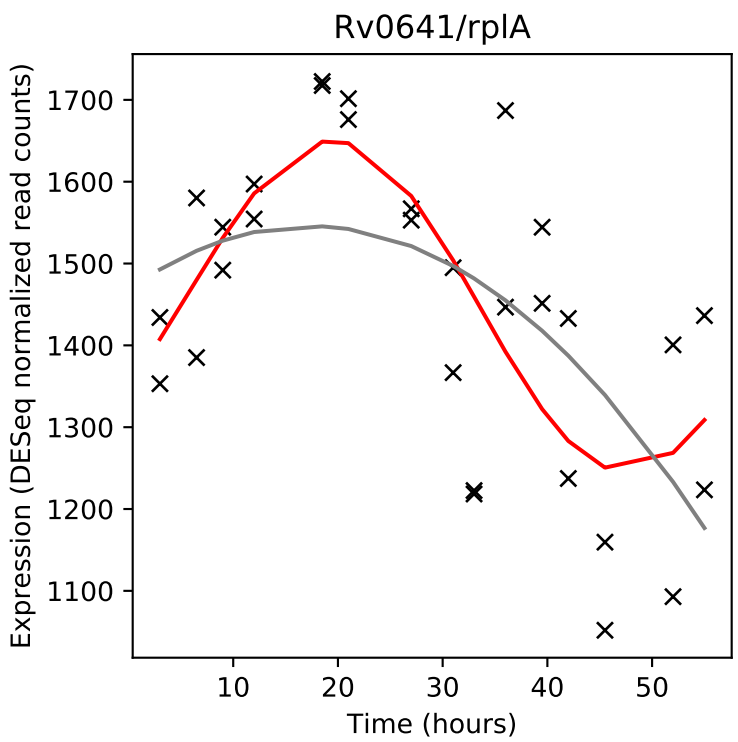

Rv0636/hadB
Expression (DESeq normalized read counts)
Time (hours)

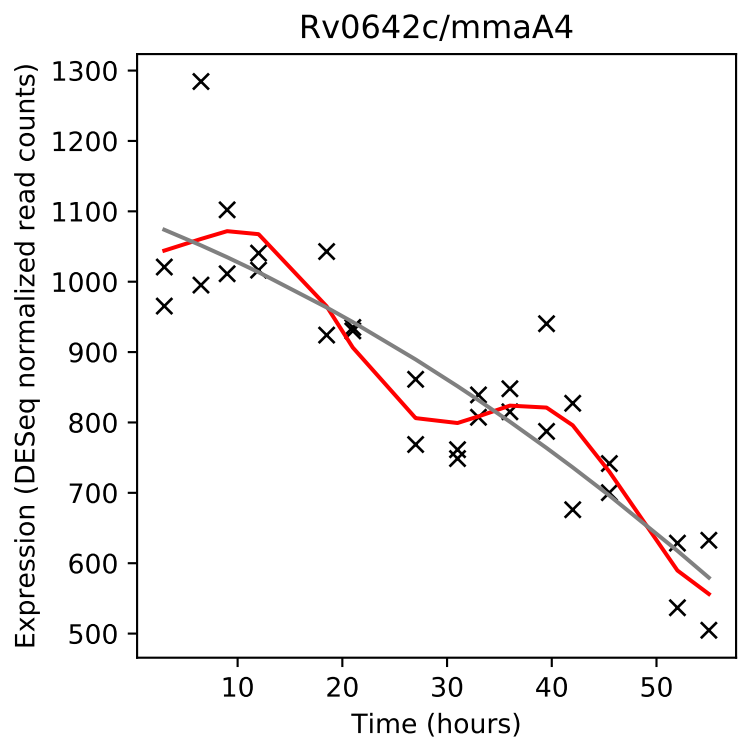

Rv0637/hadC
Expression (DESeq normalized read counts)
Time (hours)

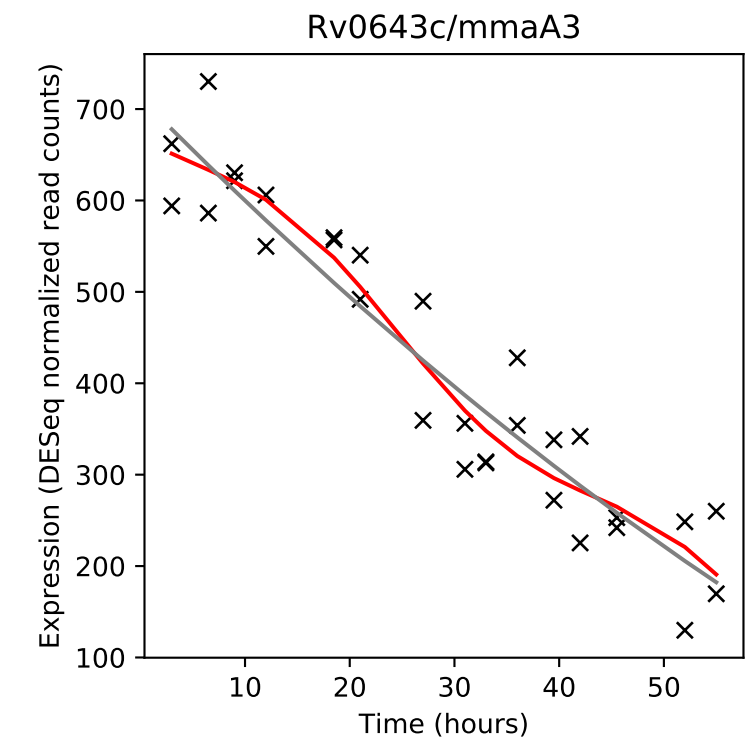

Rv0638/secE1
Expression (DESeq normalized read counts)
Time (hours)

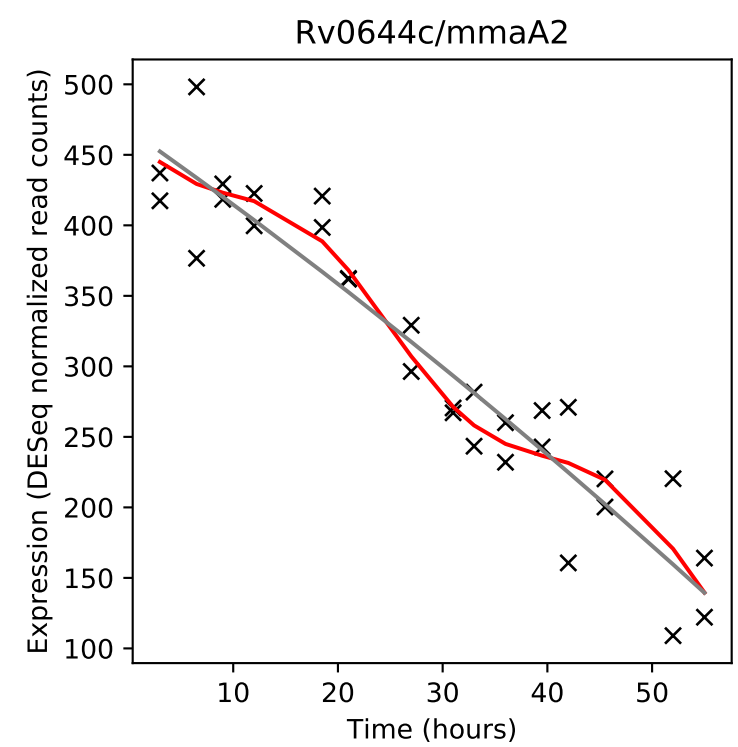

Rv0639/nusG
Expression (DESeq normalized read counts)
Time (hours)

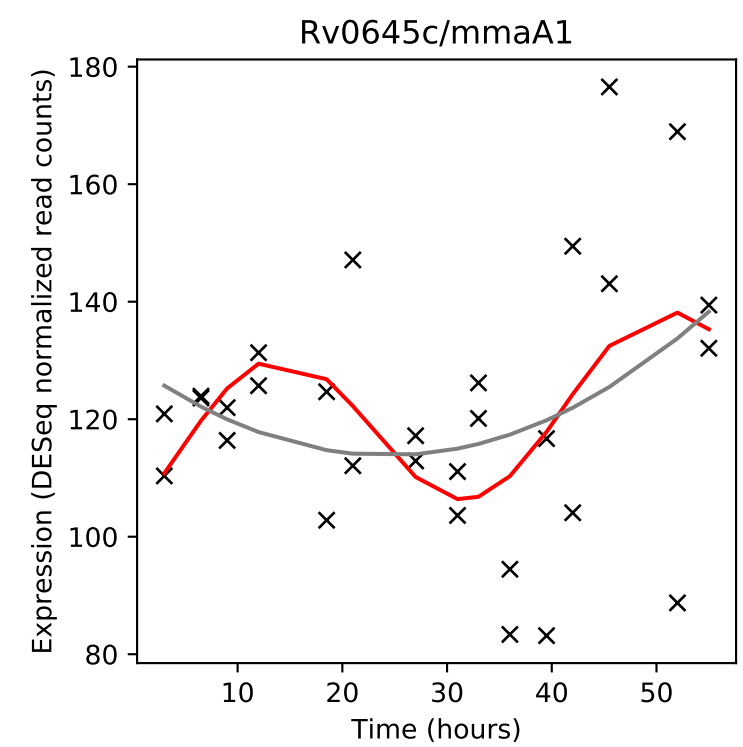

Rv0640/rplK
Expression (DESeq normalized read counts)
Time (hours)

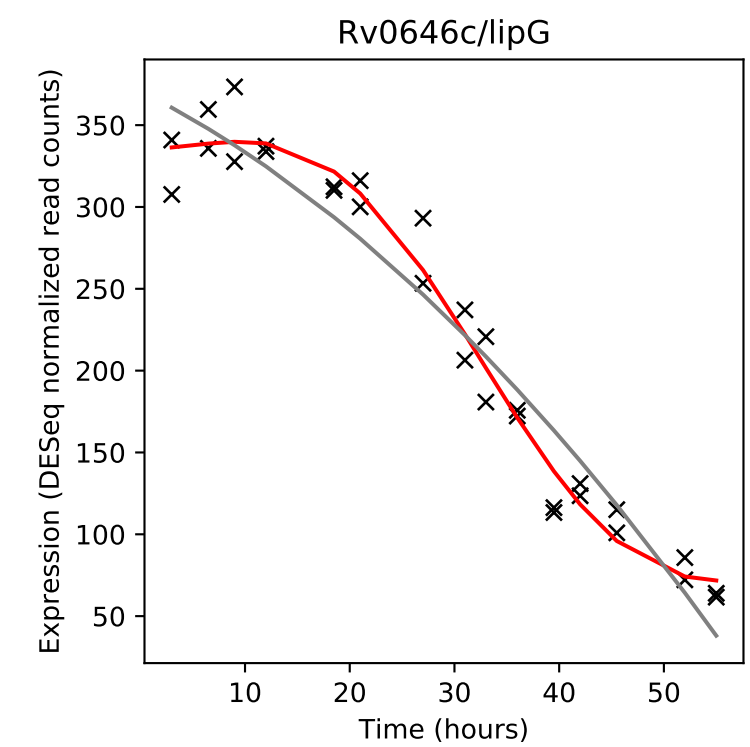

Rv0641/rplA
Expression (DESeq normalized read counts)
Time (hours)

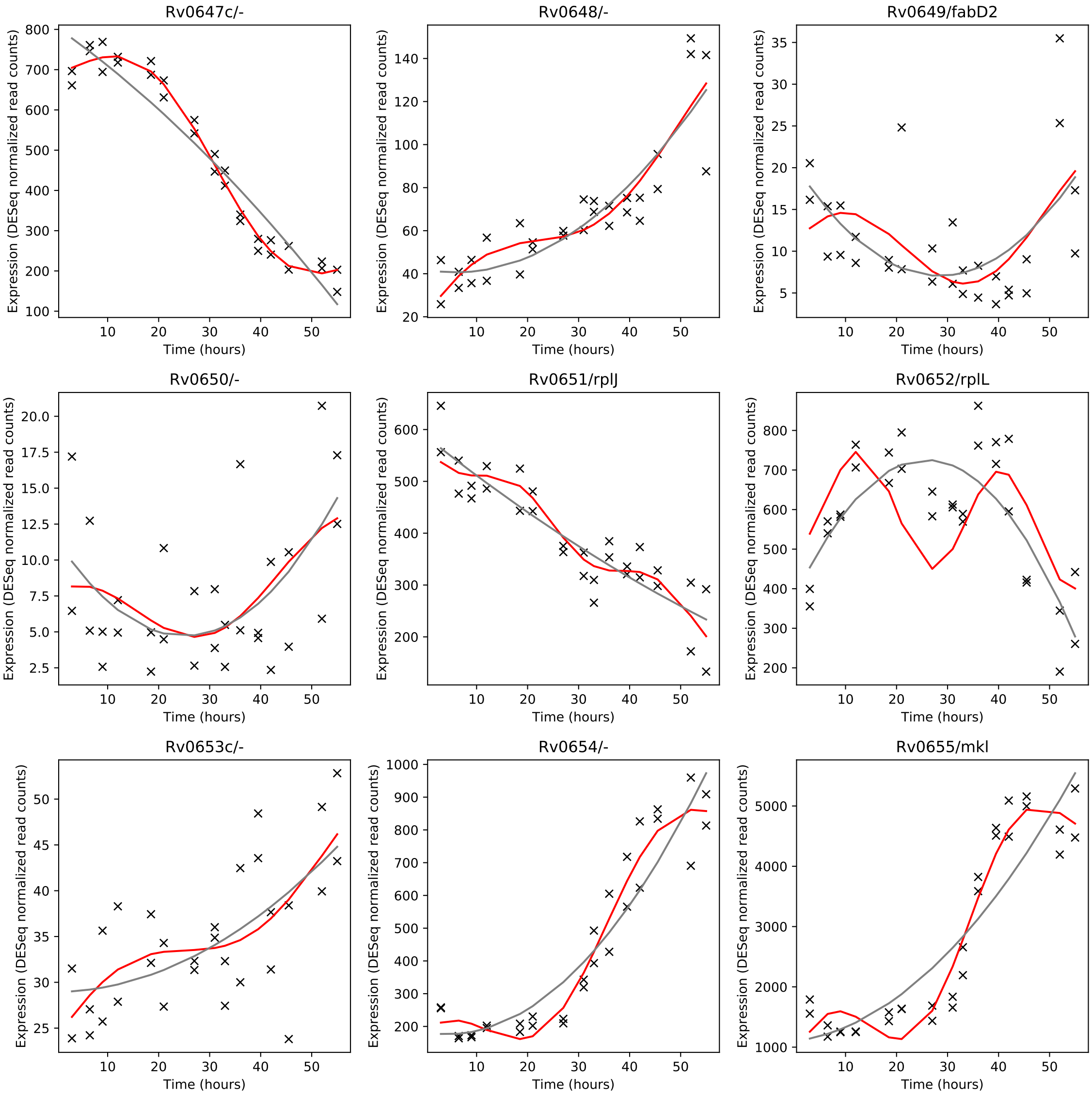

Rv0642c/mmaA4
Expression (DESeq normalized read counts)
Time (hours)

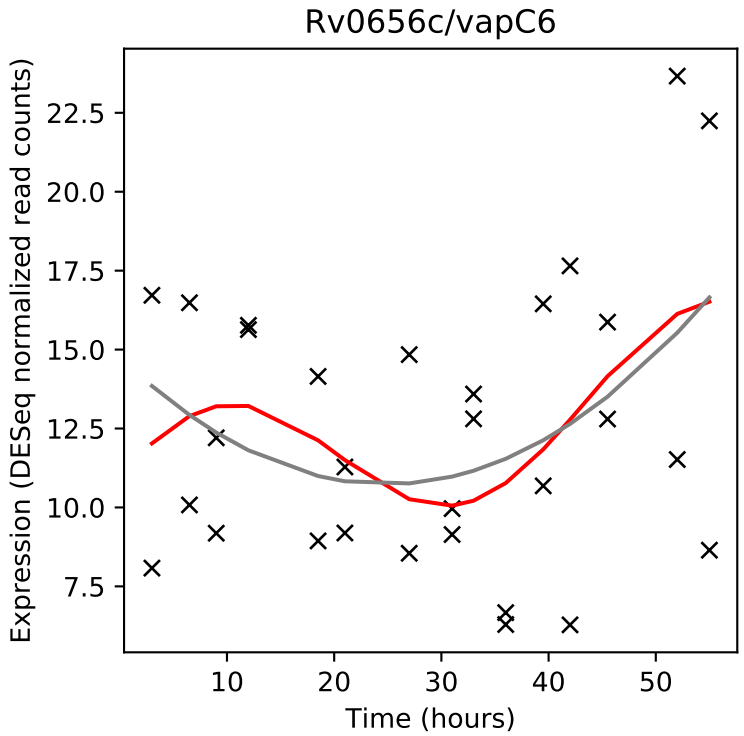

Rv0643c/mmaA3
Expression (DESeq normalized read counts)
Time (hours)

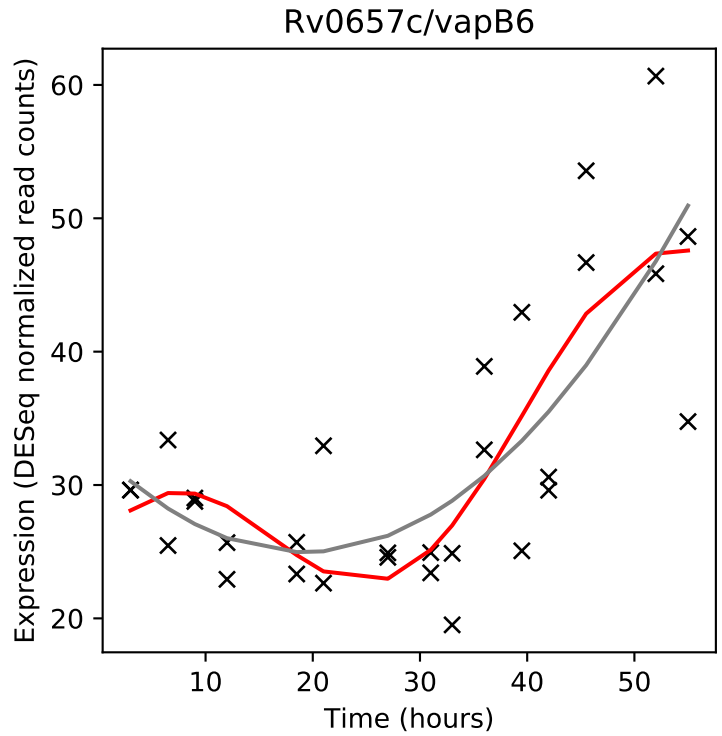

Rv0644c/mmaA2
Expression (DESeq normalized read counts)
Time (hours)

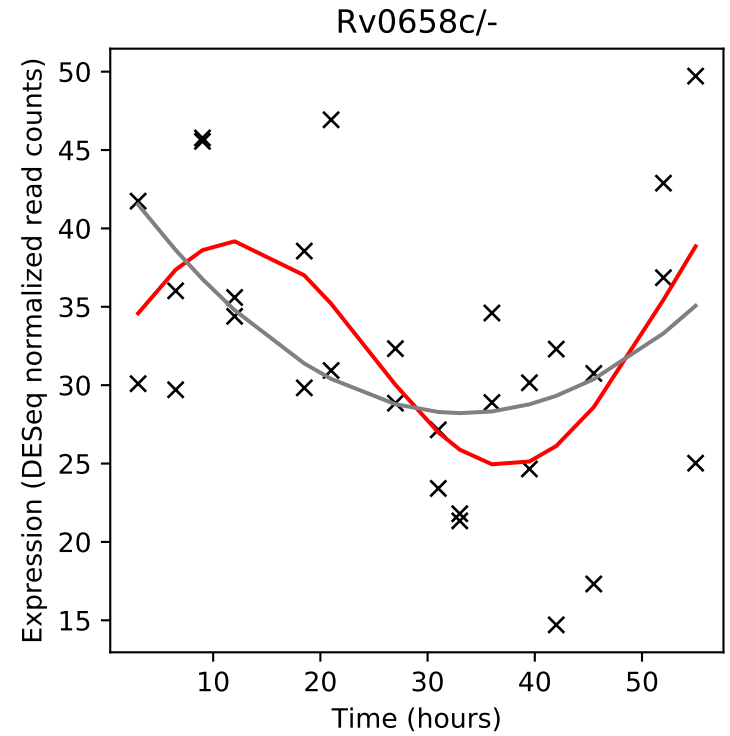

Rv0645c/mmaA1
Expression (DESeq normalized read counts)
Time (hours)

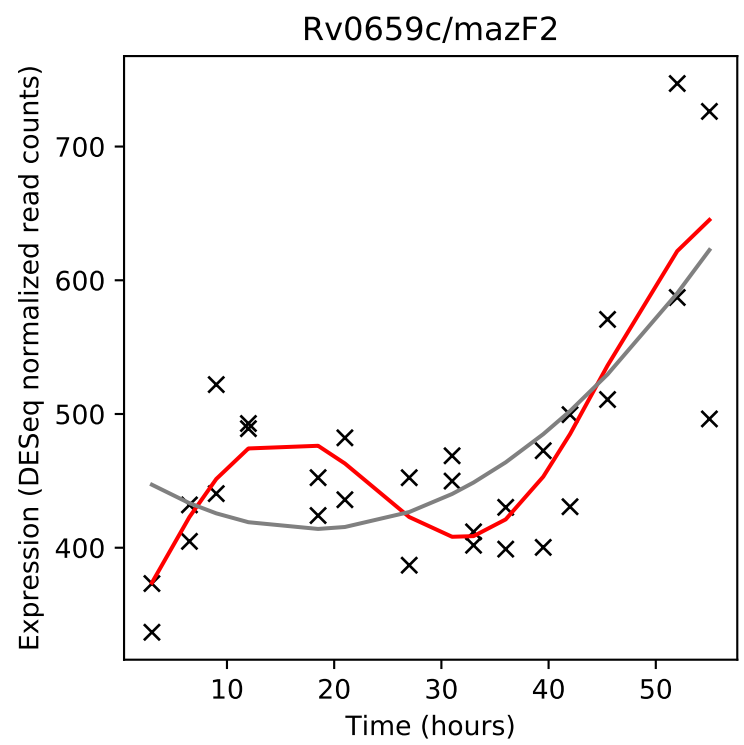

Rv0646c/lipG
Expression (DESeq normalized read counts)
Time (hours)

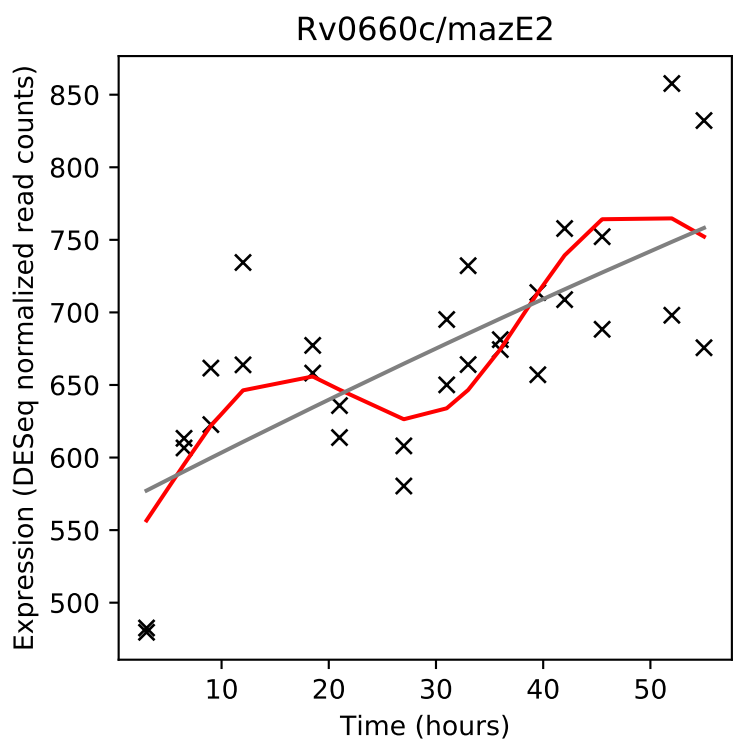

Rv0647c/-
Rv0648/-
Rv0649/fabD2
Rv0650/-
Rv0651/rplJ
Rv0652/rplL
Rv0653c/-
Rv0654/-
Rv0655/mkl
Expression (DESeq normalized read counts)
Time (hours)

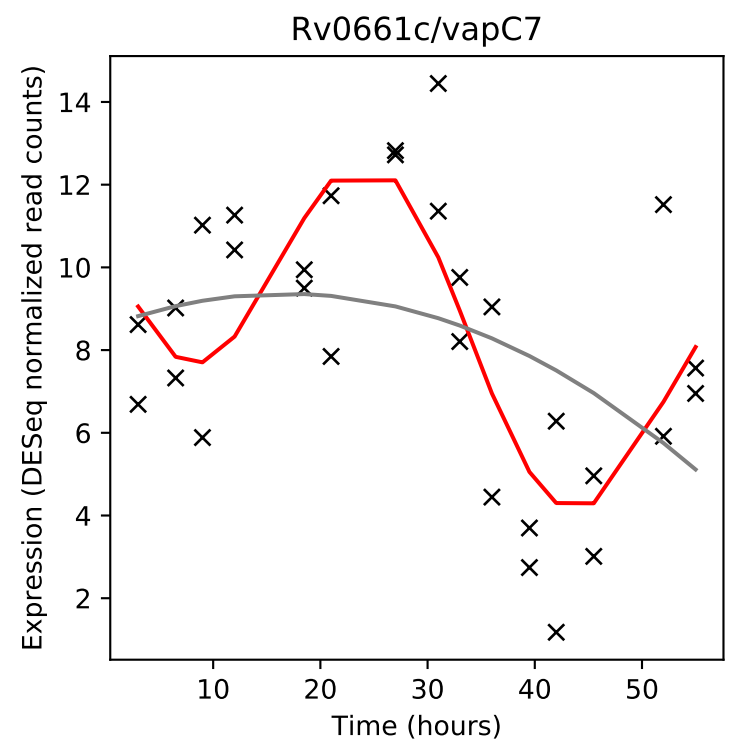

Rv0656c/vapC6
Expression (DESeq normalized read counts)
Time (hours)

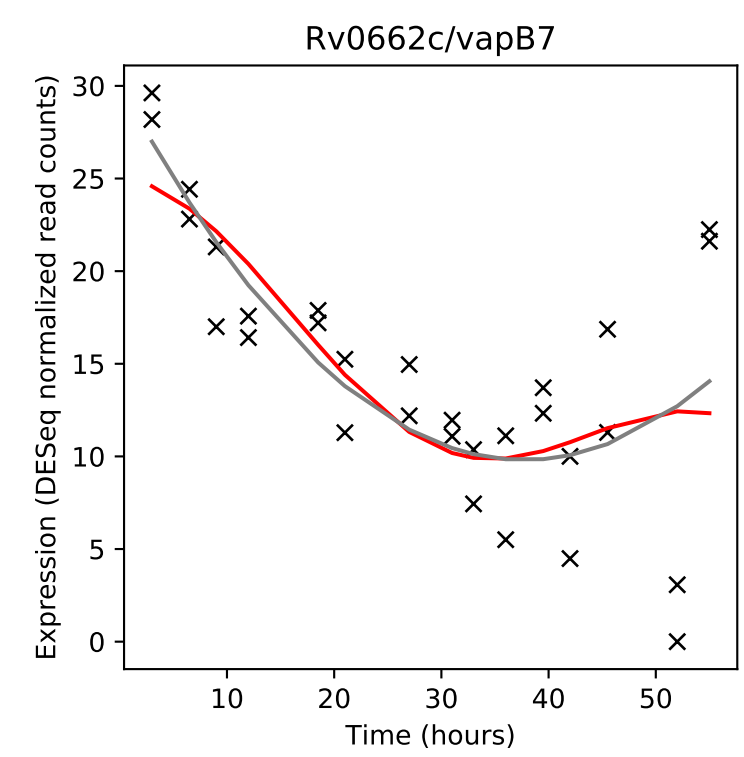

Rv0657c/vapB6
Expression (DESeq normalized read counts)
Time (hours)

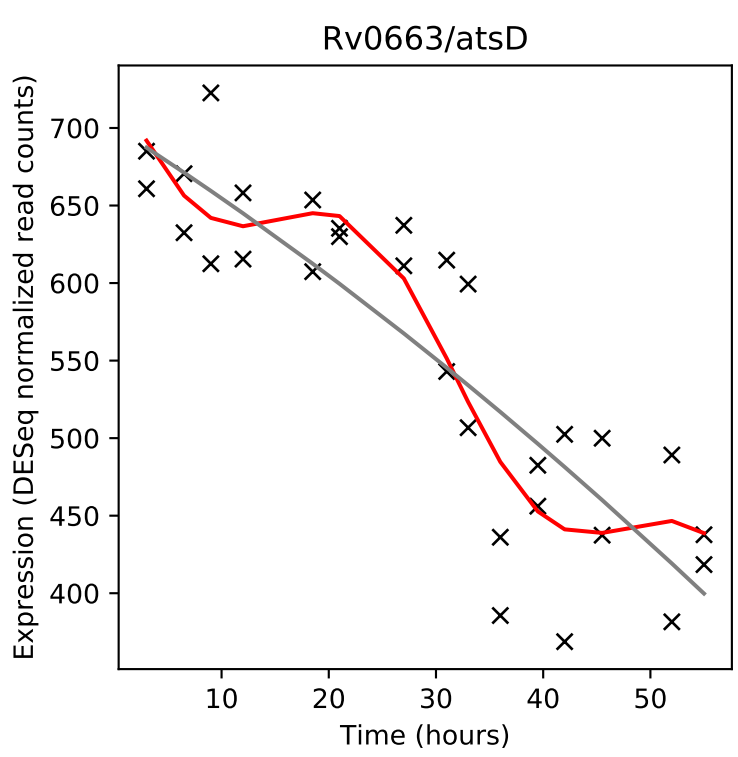

Rv0658c/-
Expression (DESeq normalized read counts)
Time (hours)

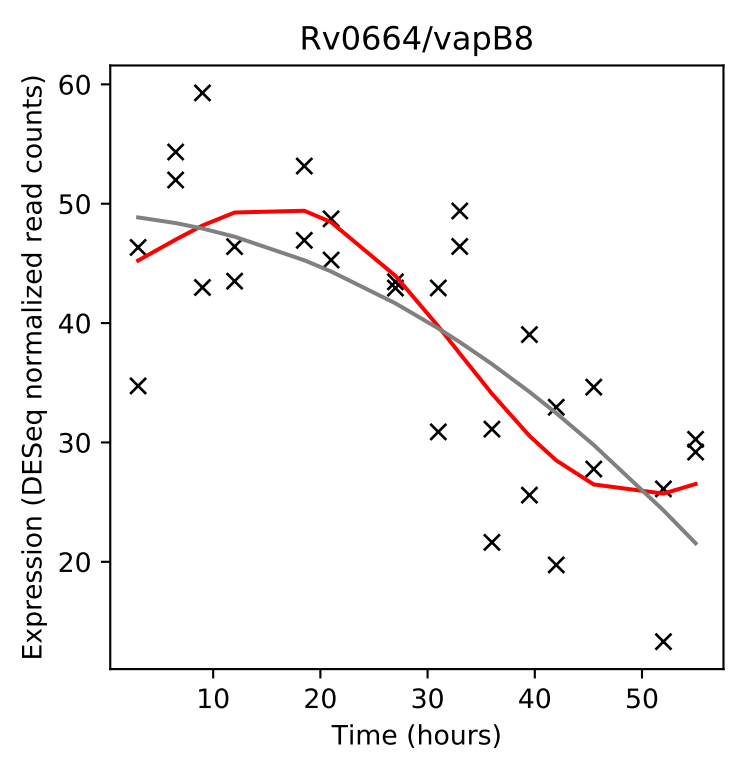

Rv0659c/mazF2
Expression (DESeq normalized read counts)
Time (hours)

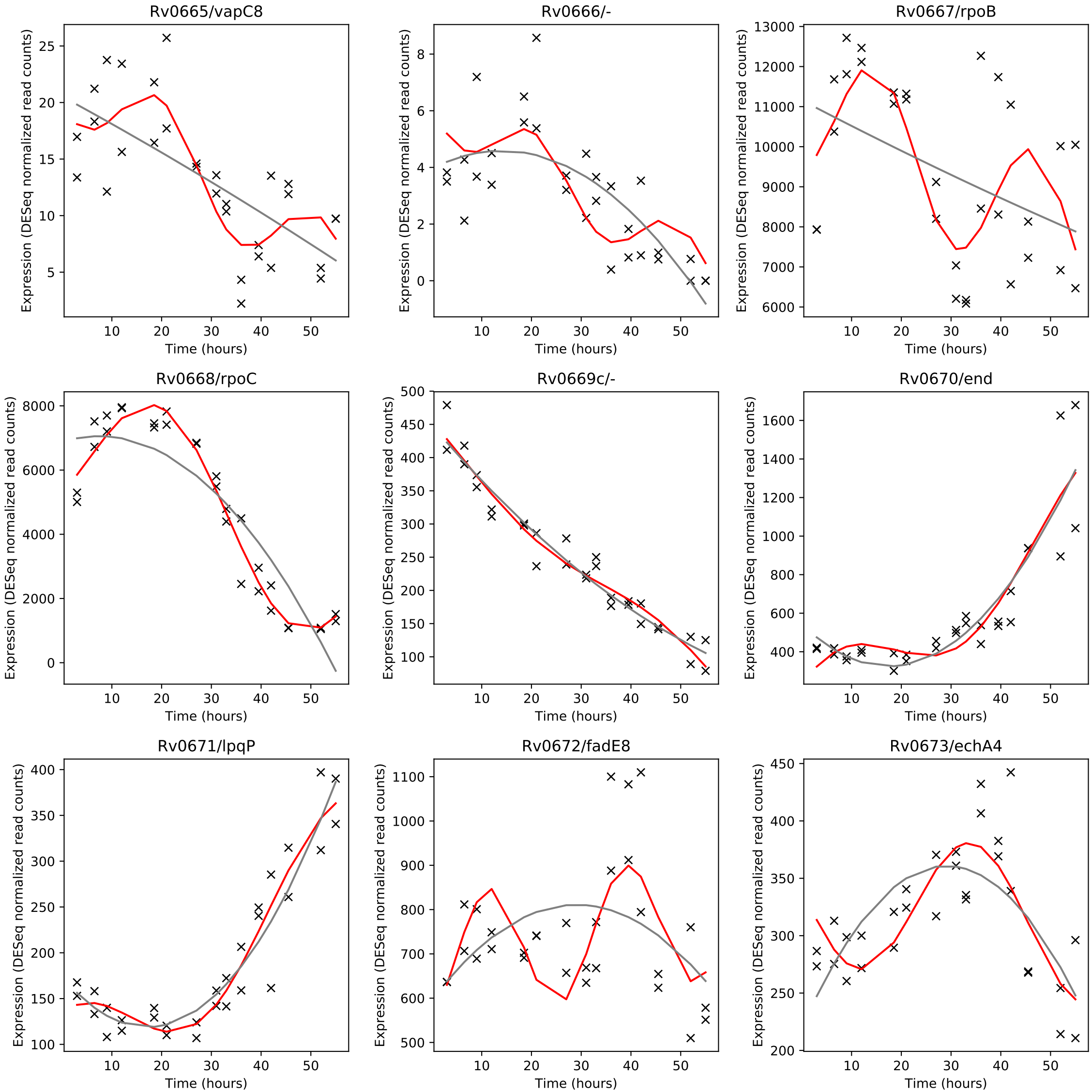

Rv0660c/mazE2
Expression (DESeq normalized read counts)
Time (hours)

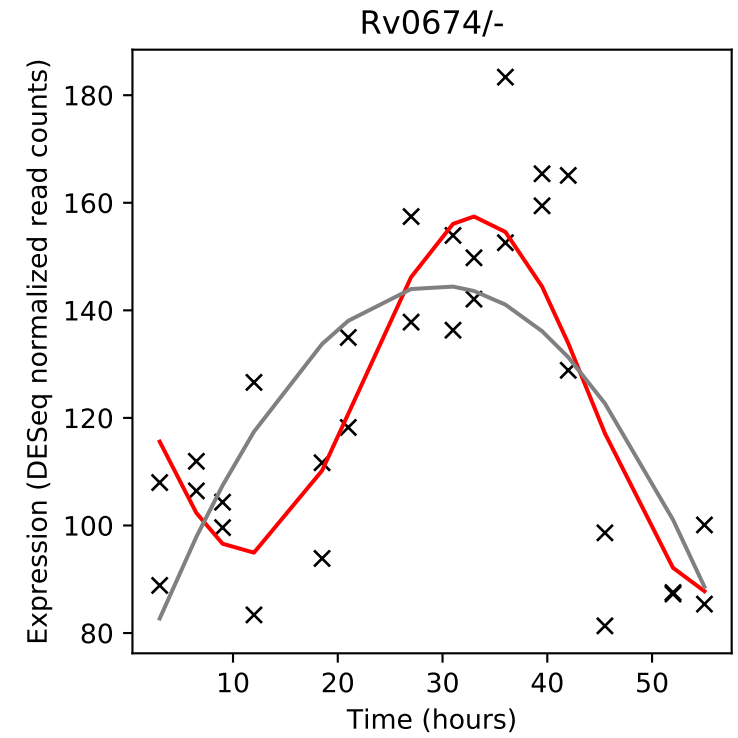

Rv0661c/vapC7
Expression (DESeq normalized read counts)
Time (hours)

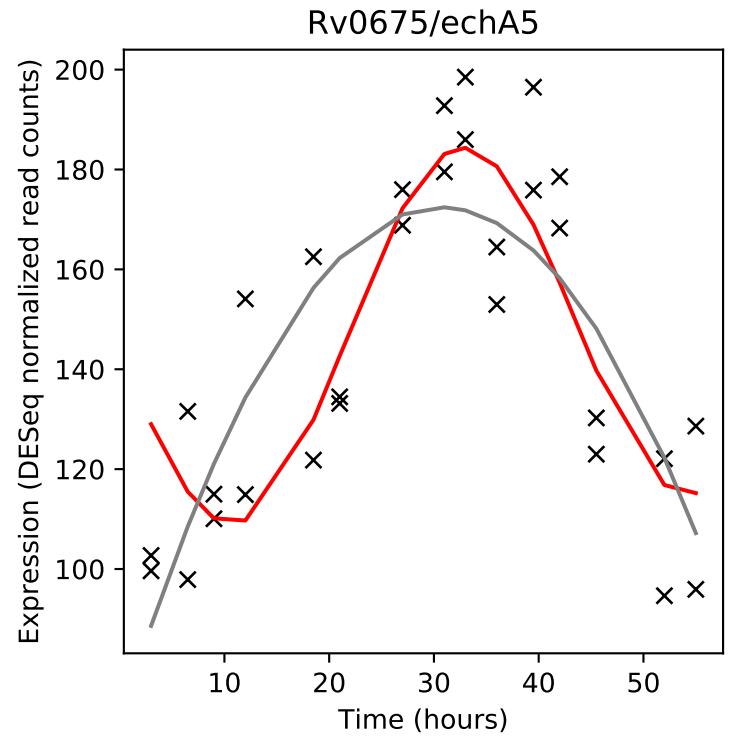

Rv0662c/vapB7
Expression (DESeq normalized read counts)
Time (hours)

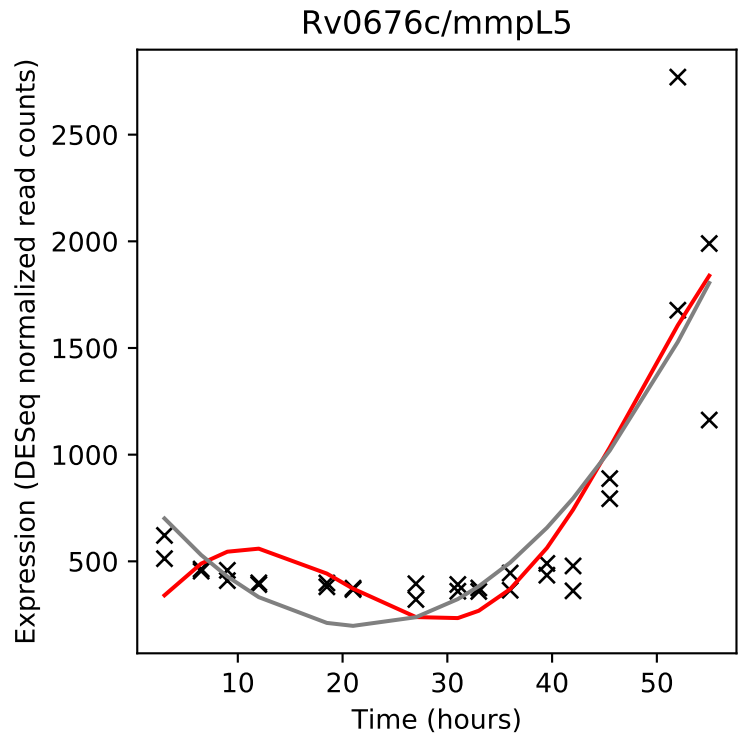

Rv0663/atsD
Expression (DESeq normalized read counts)
Time (hours)

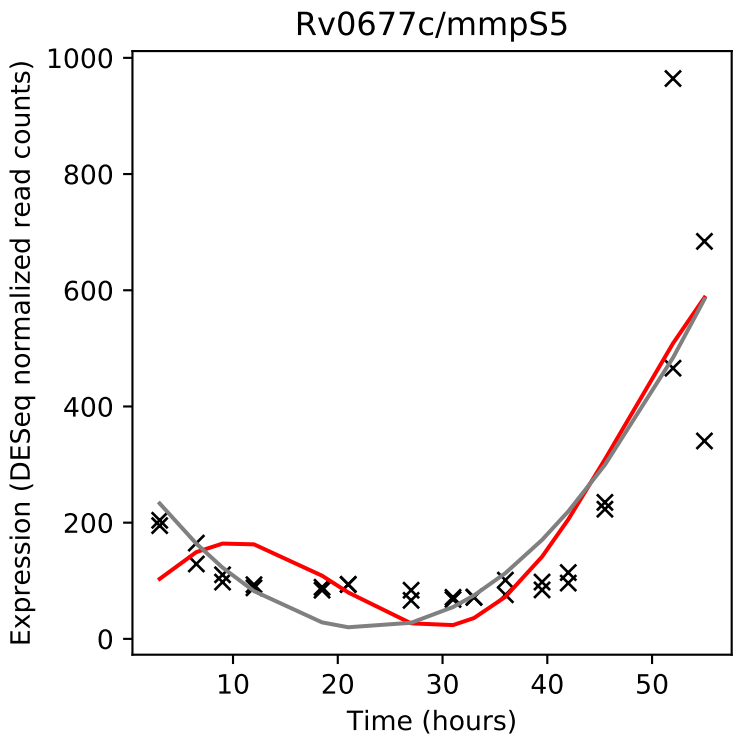

Rv0664/vapB8
Expression (DESeq normalized read counts)
Time (hours)

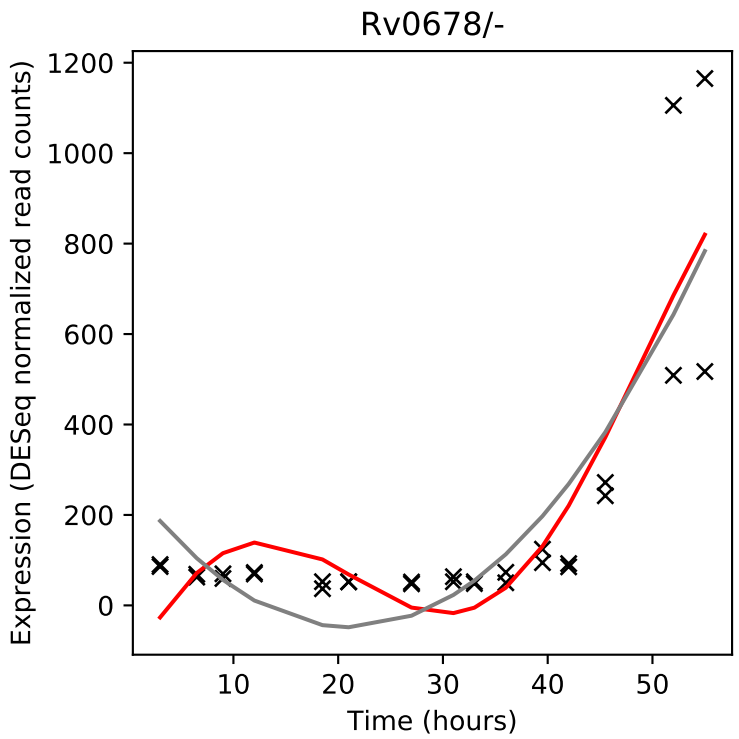

Rv0665/vapC8
Rv0666/-
Rv0667/rpoB
Rv0668/rpoC
Rv0669c/-
Rv0670/end
Rv0671/lpqP
Rv0672/fadE8
Rv0673/echA4
Expression (DESeq normalized read counts)
Time (hours)

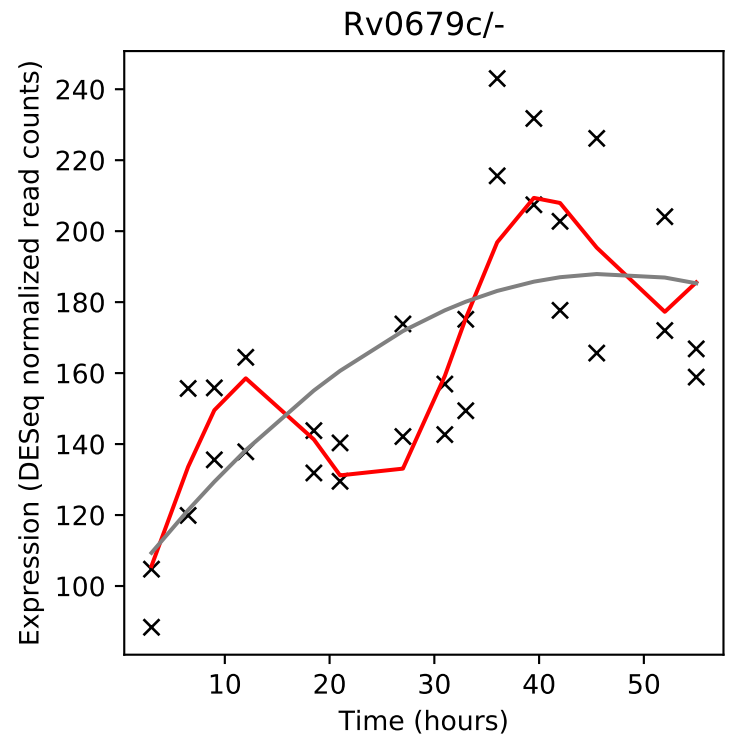

Rv0674/-
Expression (DESeq normalized read counts)
Time (hours)

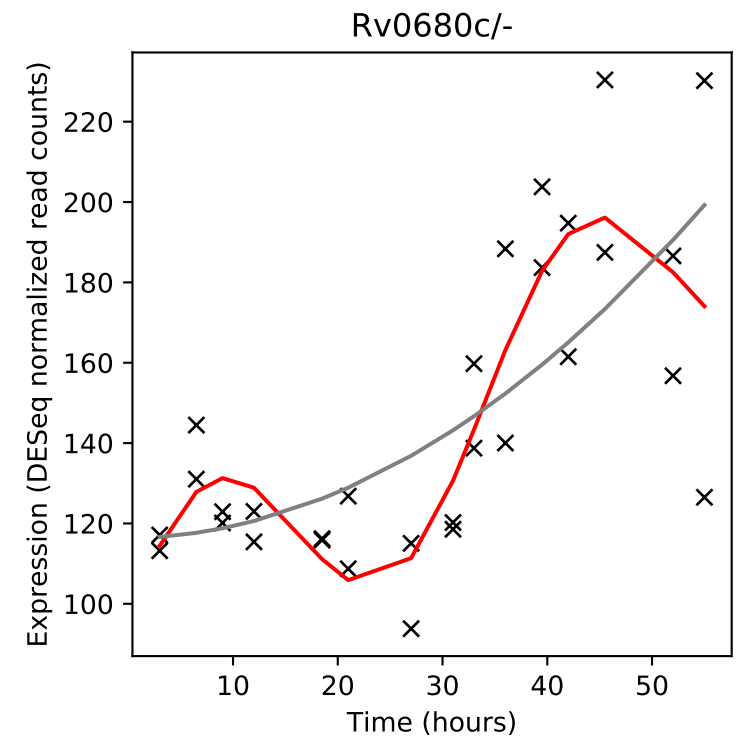

Rv0675/echA5
Expression (DESeq normalized read counts)
Time (hours)

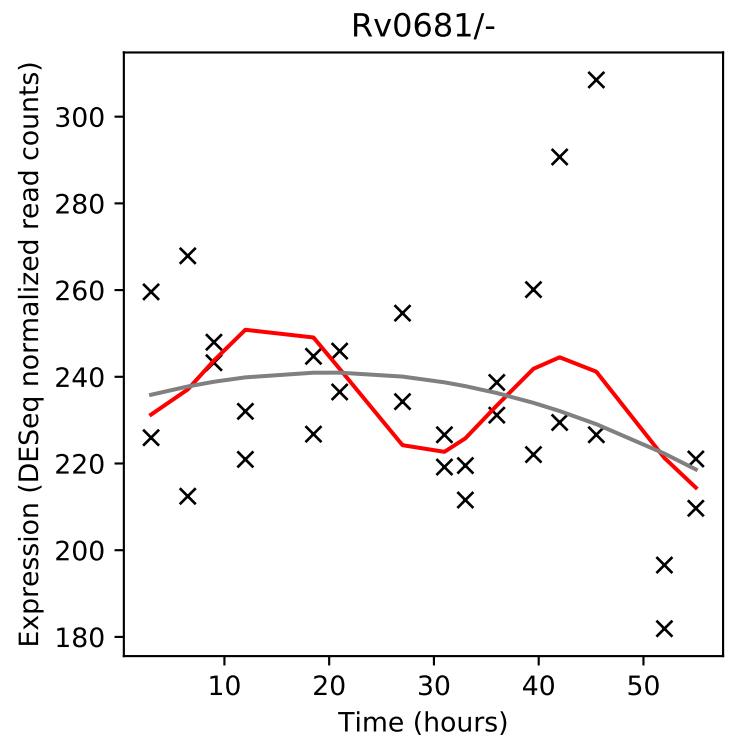

Rv0676c/mmpL5
Expression (DESeq normalized read counts)
Time (hours)

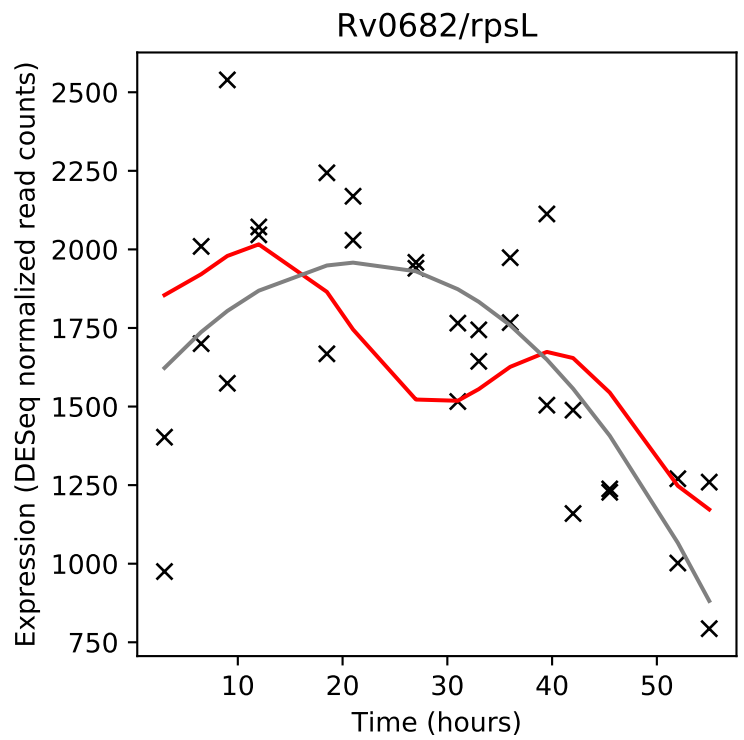

Rv0677c/mmpS5
Expression (DESeq normalized read counts)
Time (hours)

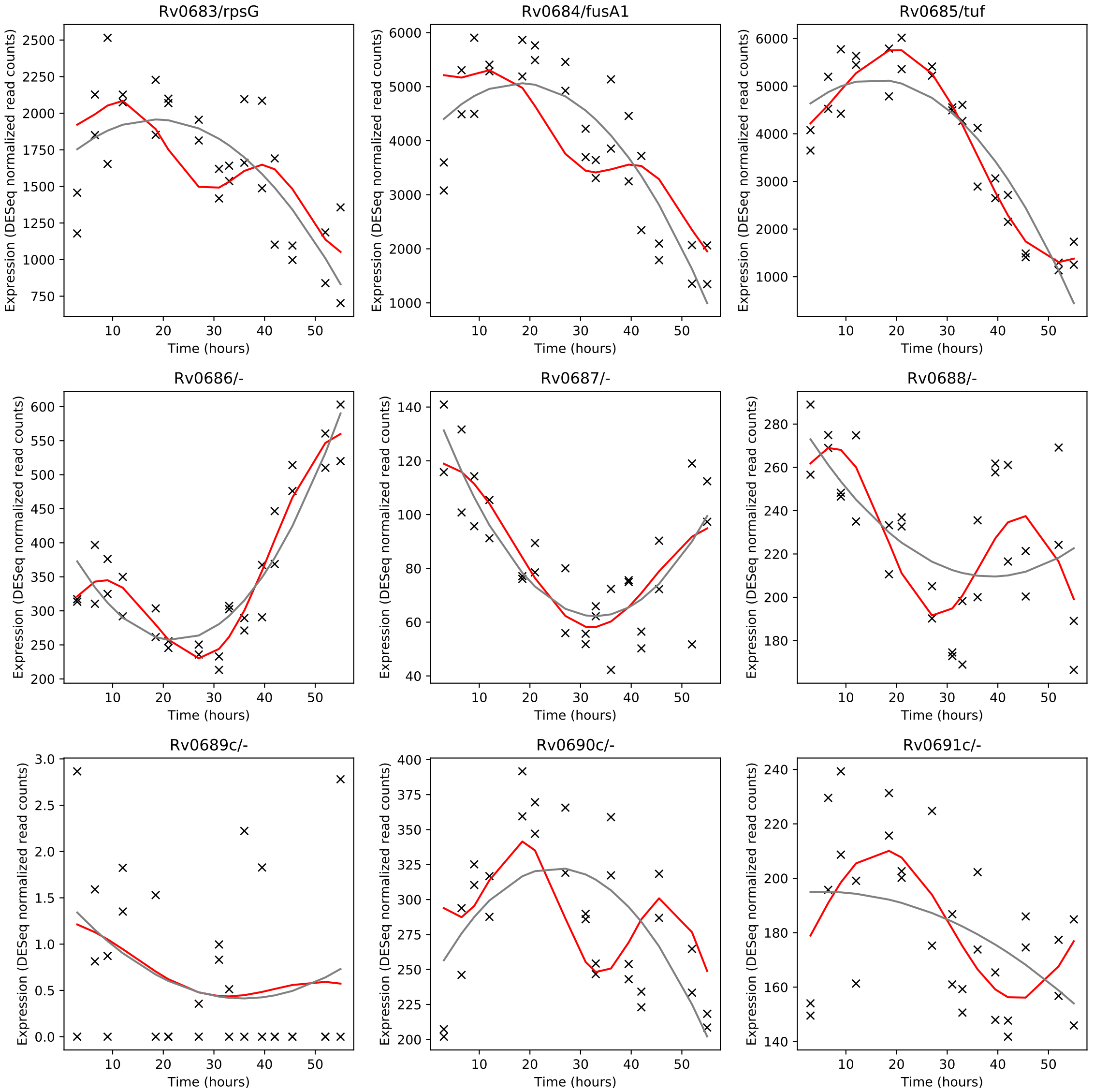

Rv0678/-
Expression (DESeq normalized read counts)
Time (hours)

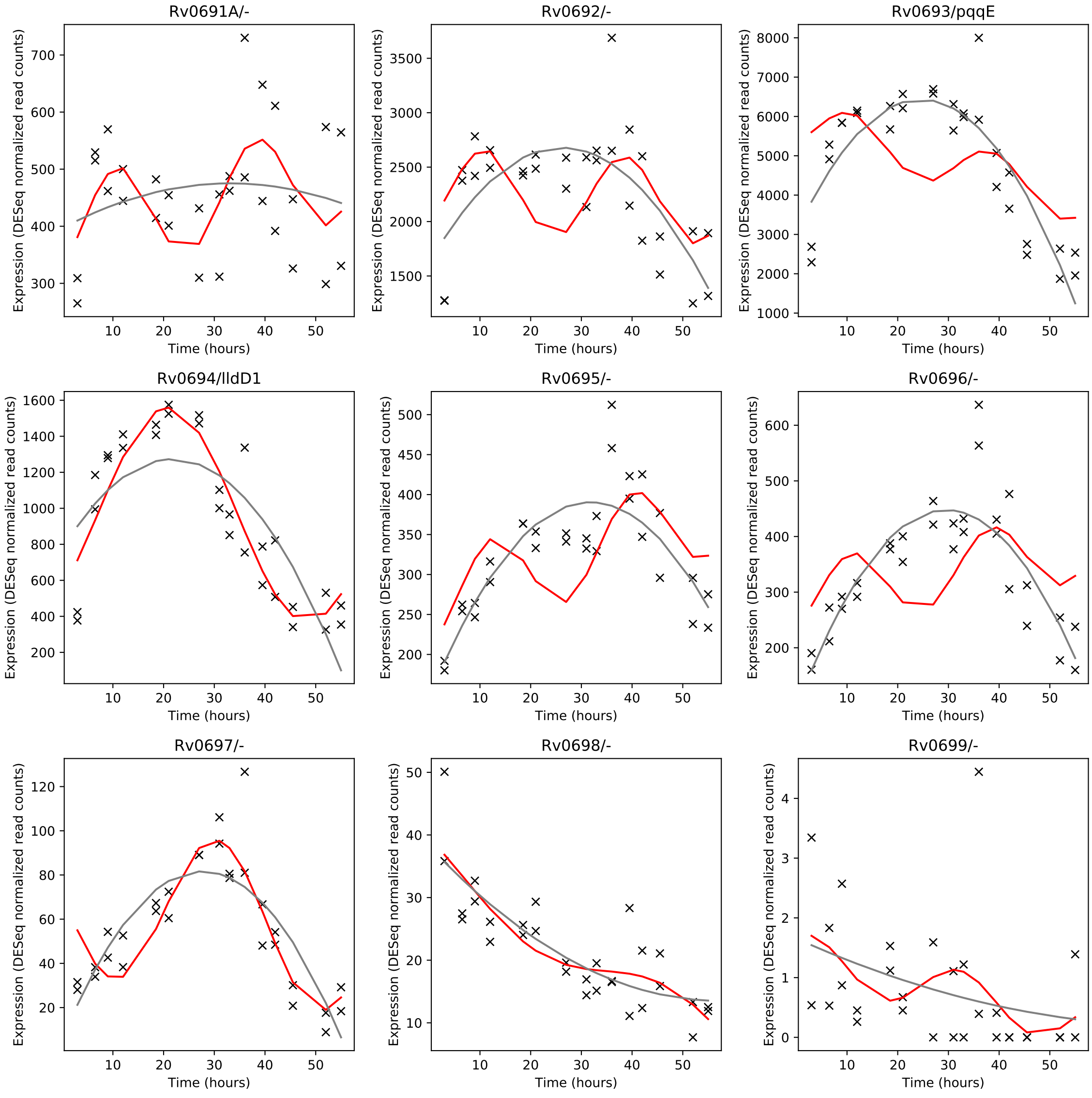

Rv0679c/-
Expression (DESeq normalized read counts)
Time (hours)

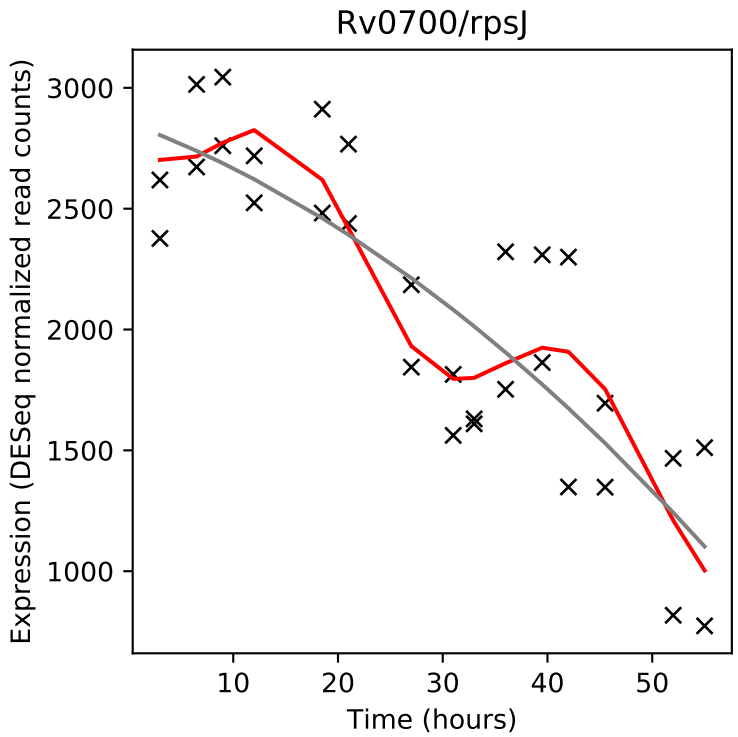

Rv0680c/-
Expression (DESeq normalized read counts)
Time (hours)

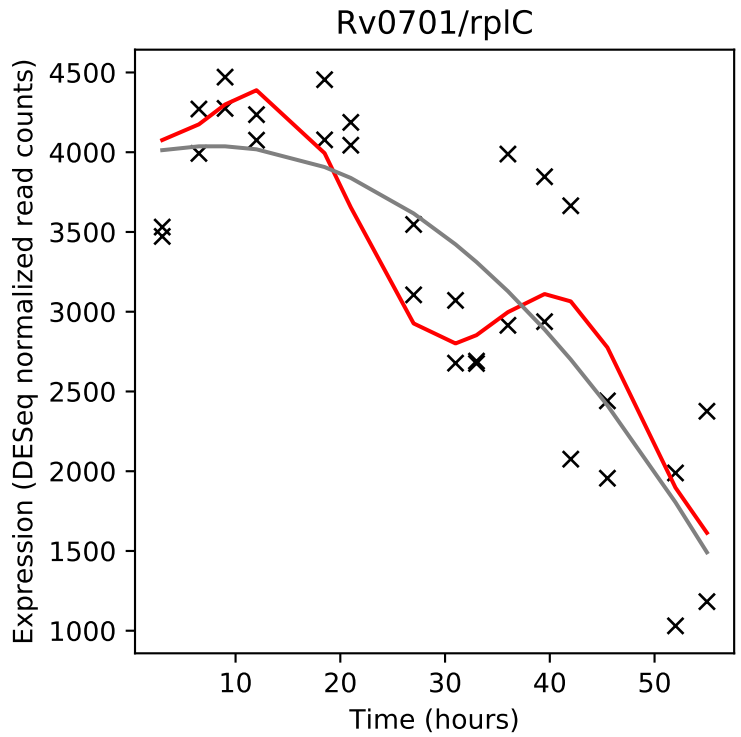

Rv0681/-
Expression (DESeq normalized read counts)
Time (hours)

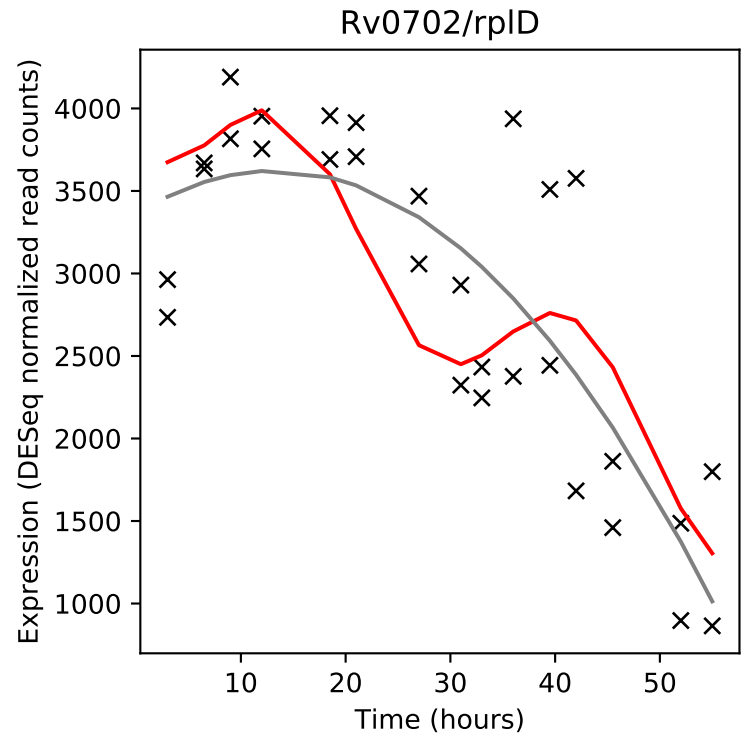

Rv0682/rpsL
Expression (DESeq normalized read counts)
Time (hours)

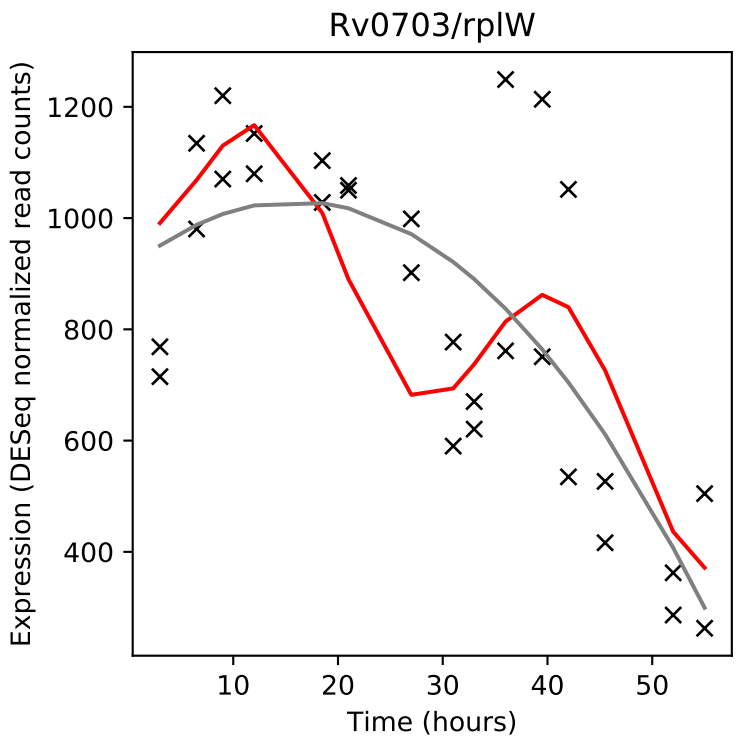

Rv0683/rpsG
Rv0684/fusA1
Rv0685/tuf
Rv0686/-
Rv0687/-
Rv0688/-
Rv0689c/-
Rv0690c/-
Rv0691c/-
Expression (DESeq normalized read counts)
Time (hours)

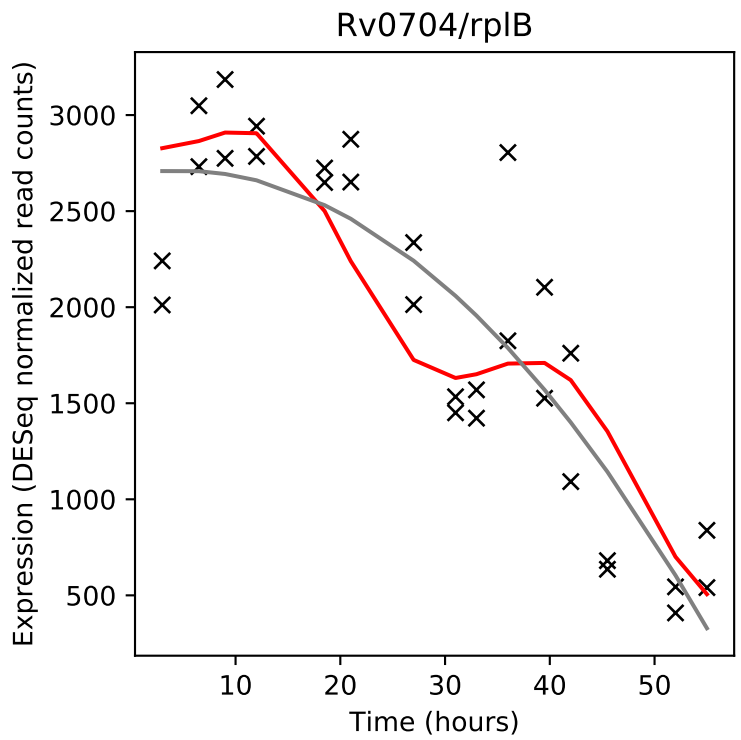

Rv0691A/-
Rv0692/-
Rv0693/pqqE
Rv0694/lldD1
Rv0695/-
Rv0696/-
Rv0697/-
Rv0698/-
Rv0699/-
Expression (DESeq normalized read counts)
Time (hours)

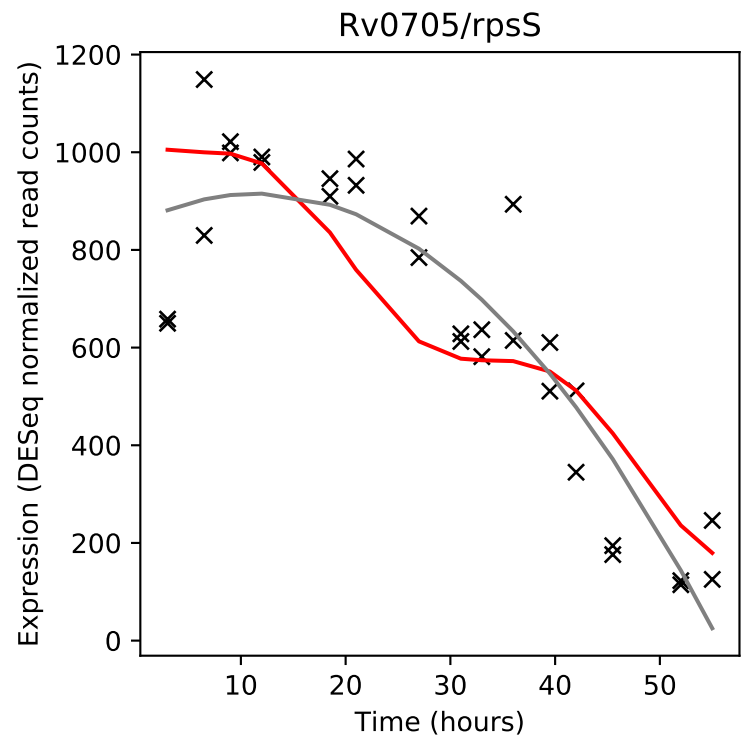

Rv0700/rpsJ
Expression (DESeq normalized read counts)
Time (hours)

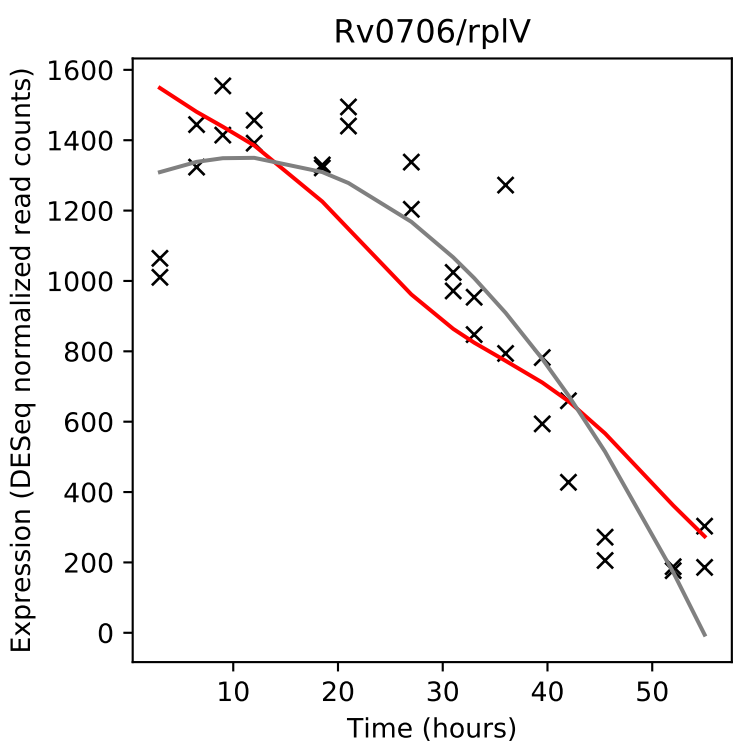

Rv0701/rplC
Expression (DESeq normalized read counts)
Time (hours)

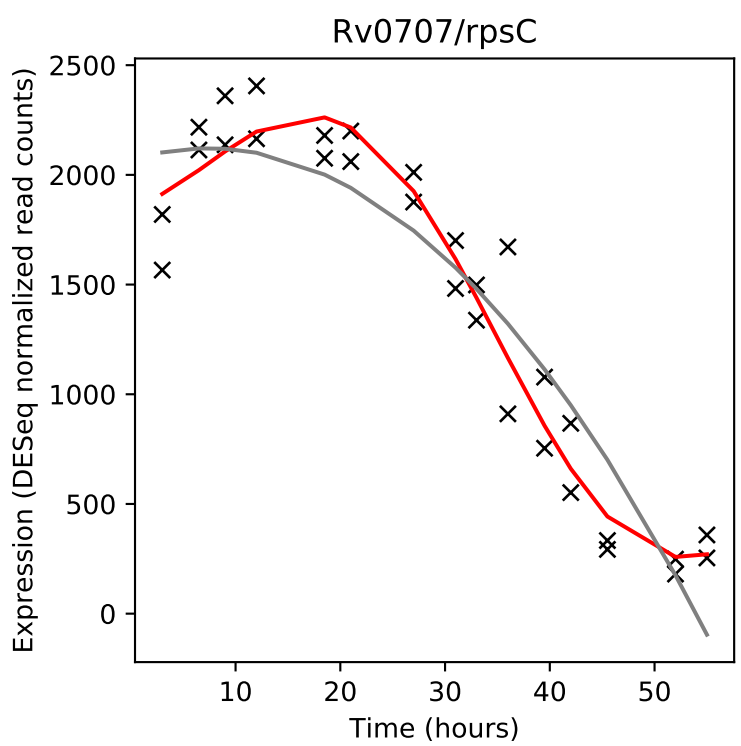

Rv0702/rplD
Expression (DESeq normalized read counts)
Time (hours)

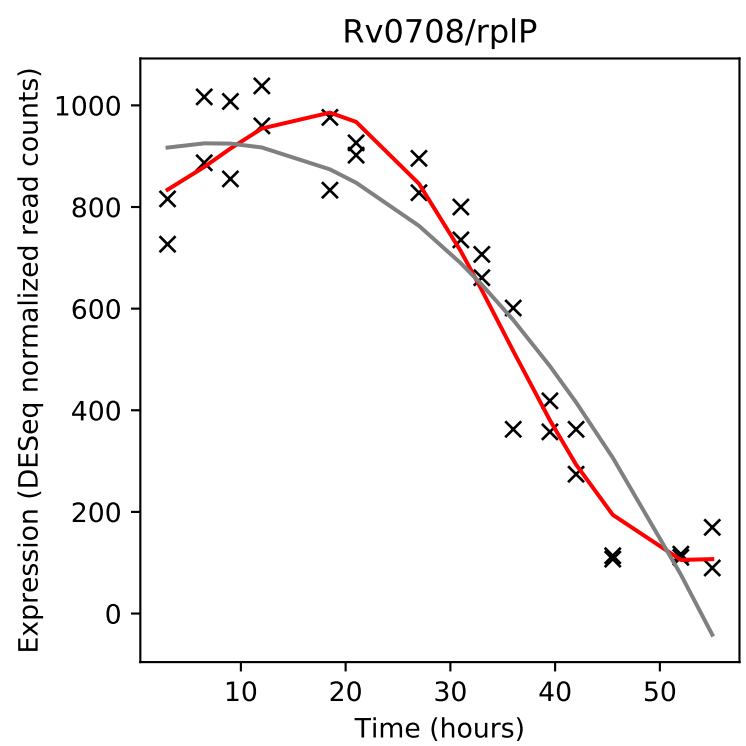

Rv0703/rplW
Expression (DESeq normalized read counts)
Time (hours)

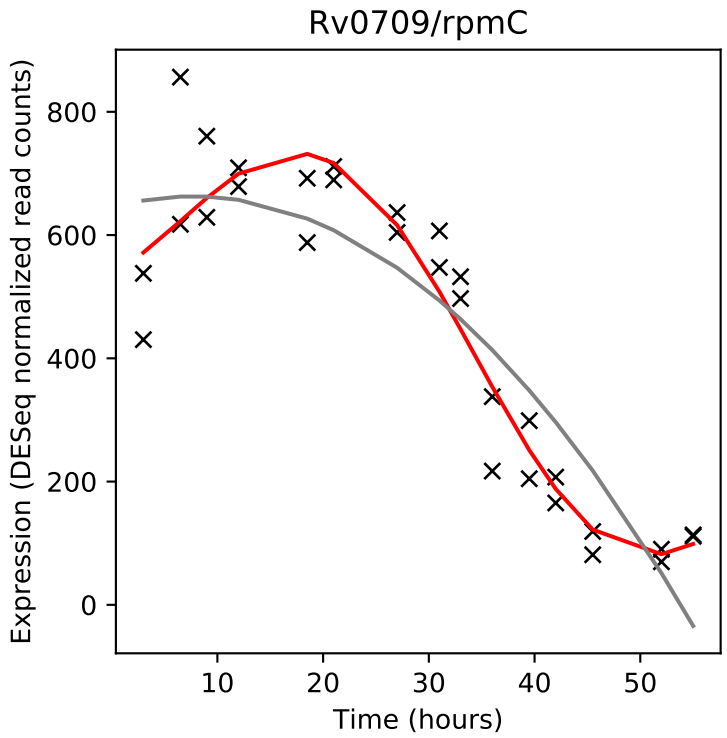

Rv0704/rplB
Expression (DESeq normalized read counts)
Time (hours)

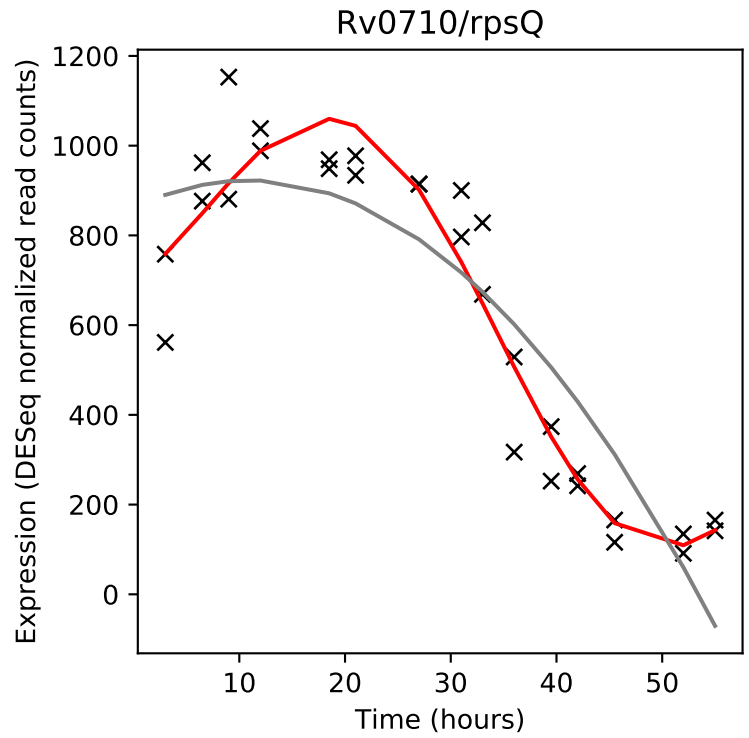

Rv0705/rpsS
Expression (DESeq normalized read counts)
Time (hours)

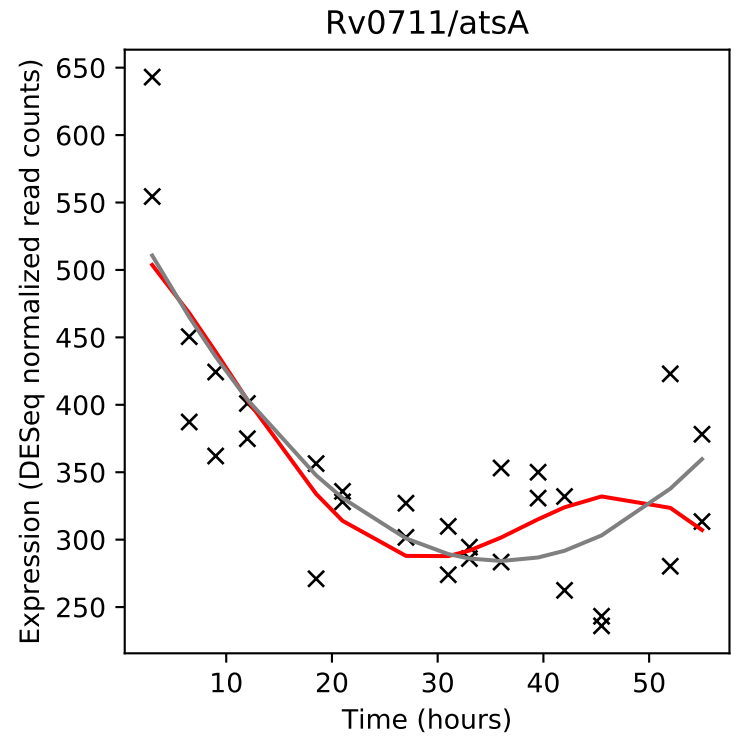

Rv0706/rplV
Expression (DESeq normalized read counts)
Time (hours)

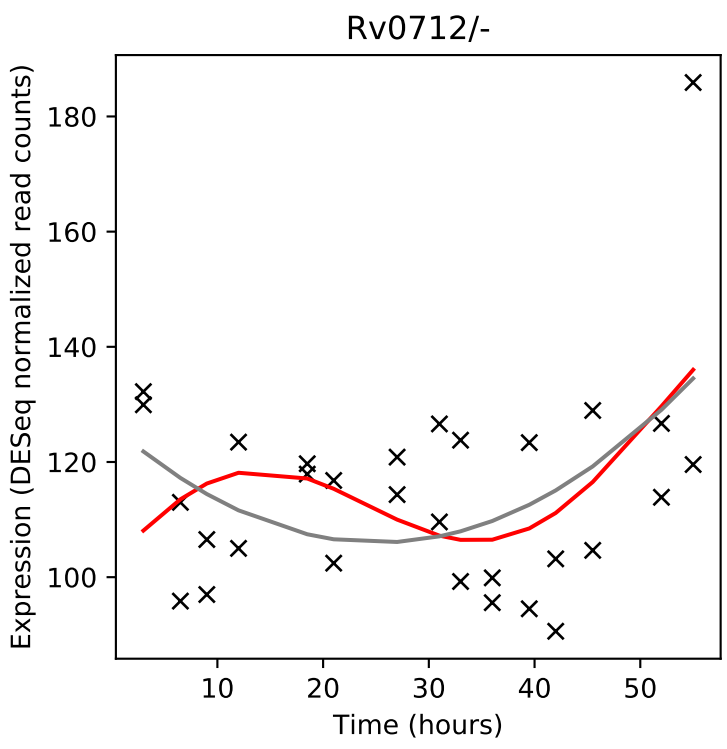

Rv0707/rpsC
Expression (DESeq normalized read counts)
Time (hours)

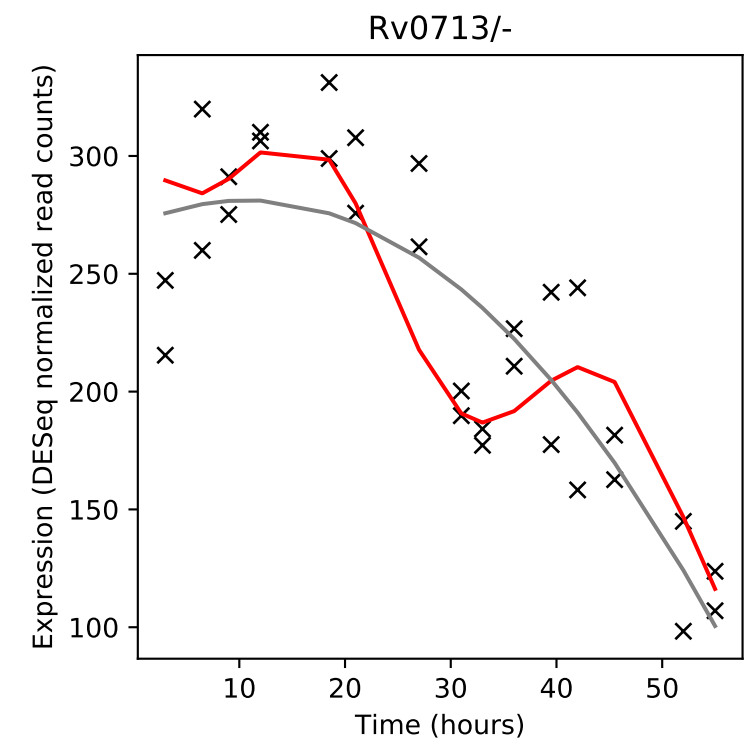

Rv0708/rplP
Expression (DESeq normalized read counts)
Time (hours)

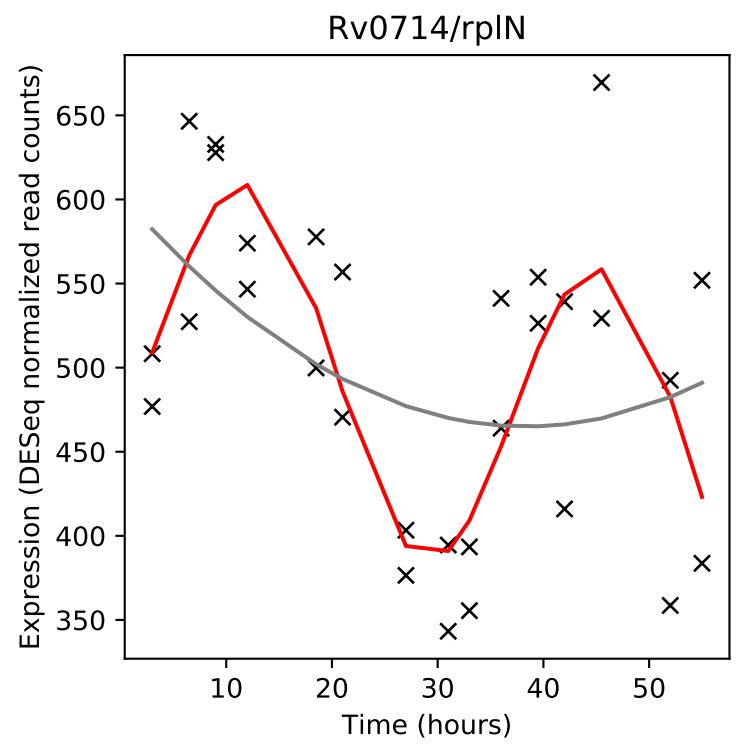

Rv0709/rpmC
Expression (DESeq normalized read counts)
Time (hours)

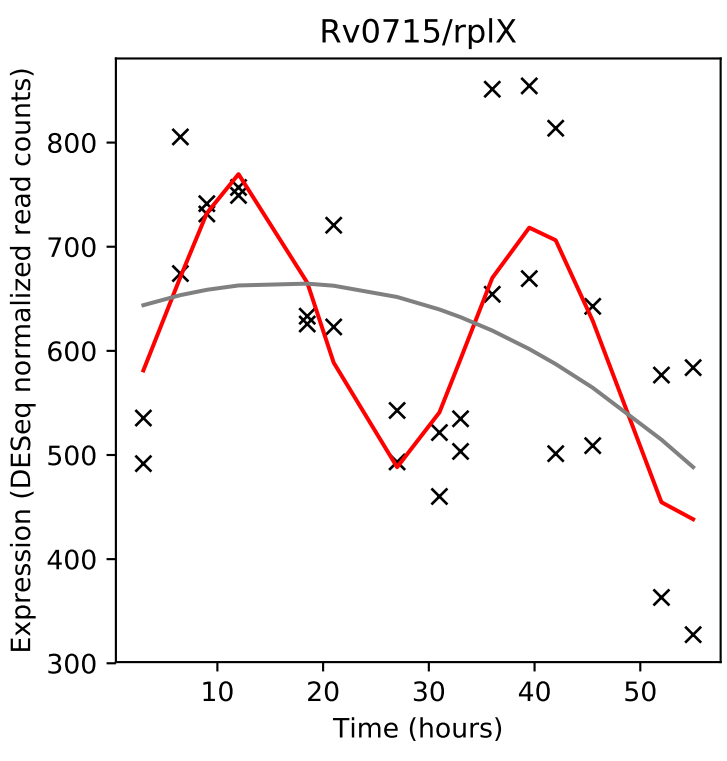

Rv0710/rpsQ
Expression (DESeq normalized read counts)
Time (hours)

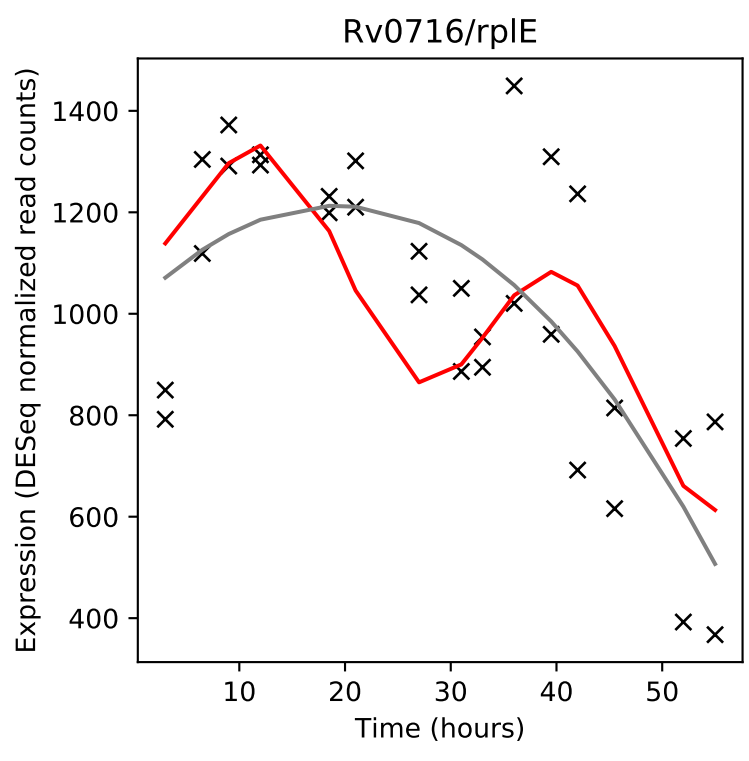

Rv0711/atsA
Expression (DESeq normalized read counts)
Time (hours)

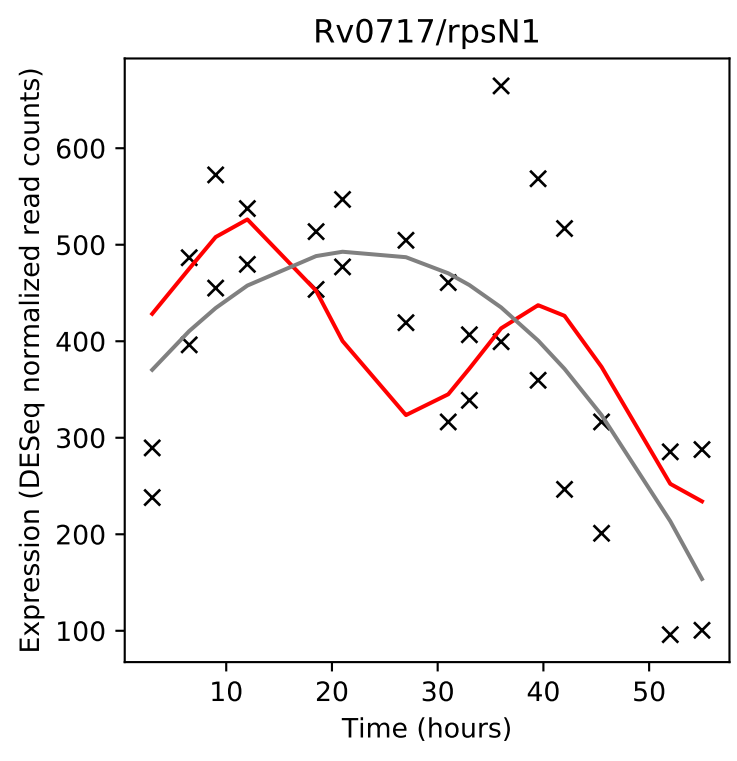

Rv0712/-
Expression (DESeq normalized read counts)
Time (hours)

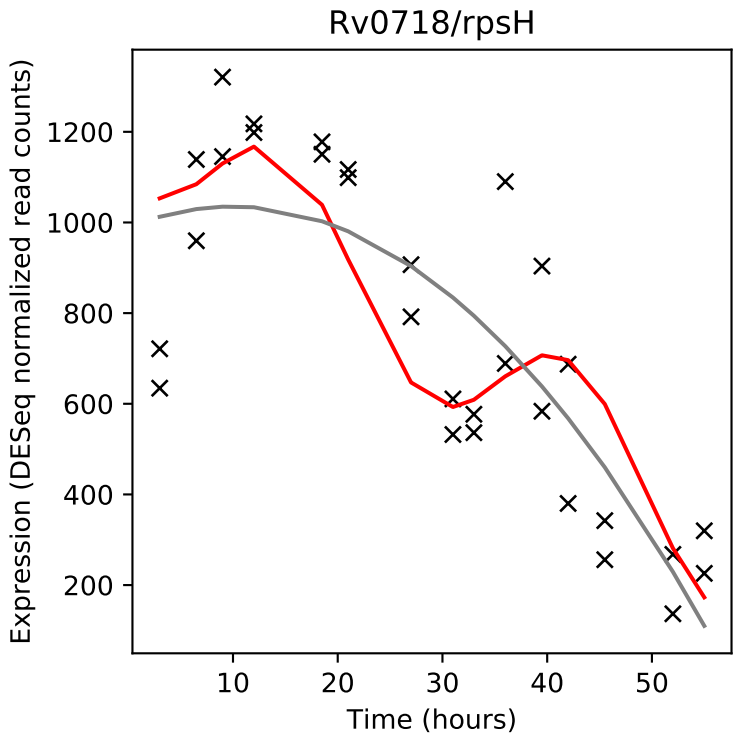

Rv0713/-
Expression (DESeq normalized read counts)
Time (hours)

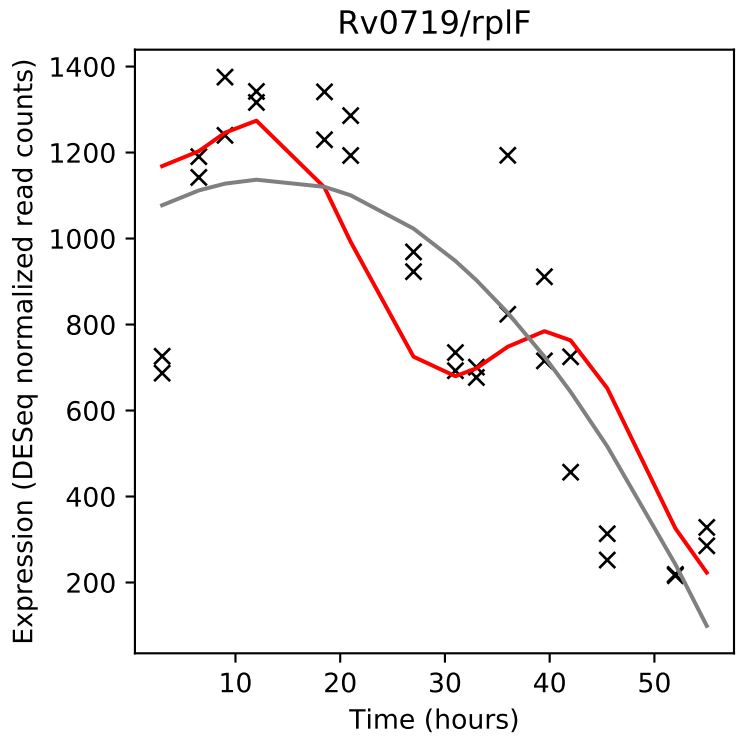

Rv0714/rplN
Expression (DESeq normalized read counts)
Time (hours)

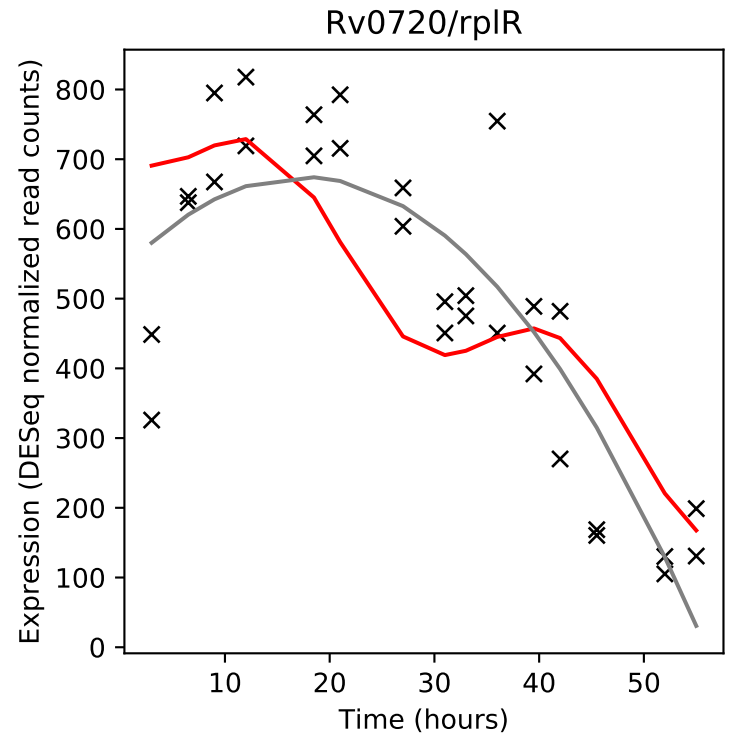

Rv0715/rplX
Expression (DESeq normalized read counts)
Time (hours)

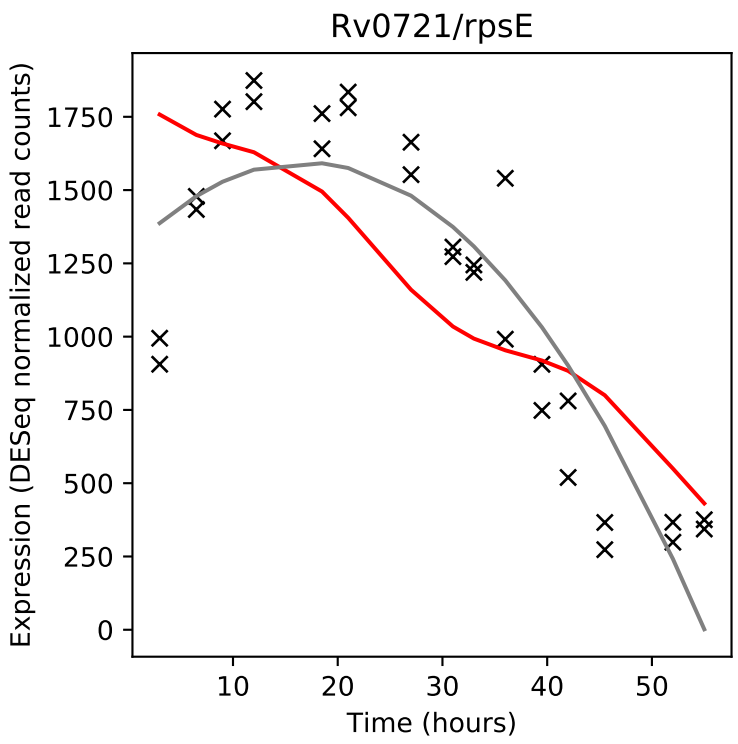

Rv0716/rplE
Expression (DESeq normalized read counts)
Time (hours)

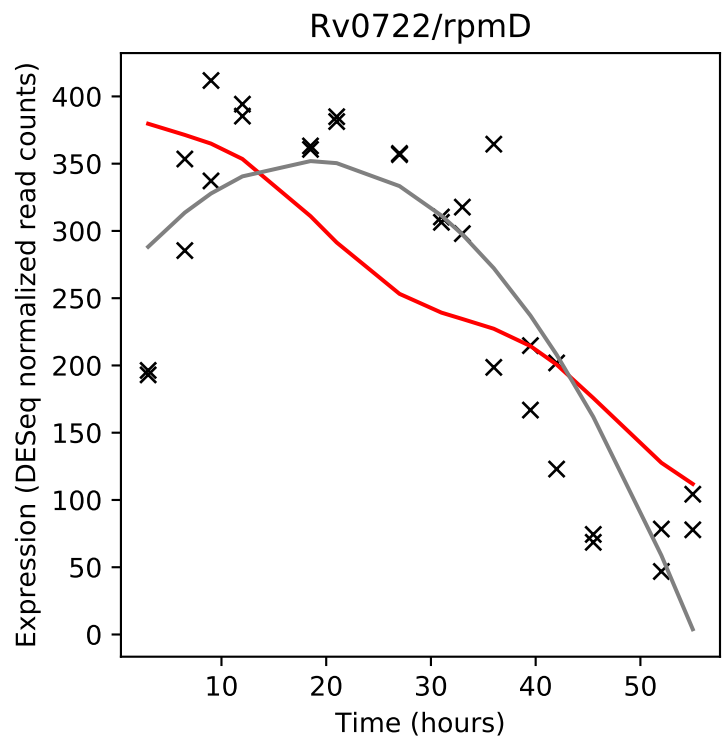

Rv0717/rpsN1
Expression (DESeq normalized read counts)
Time (hours)

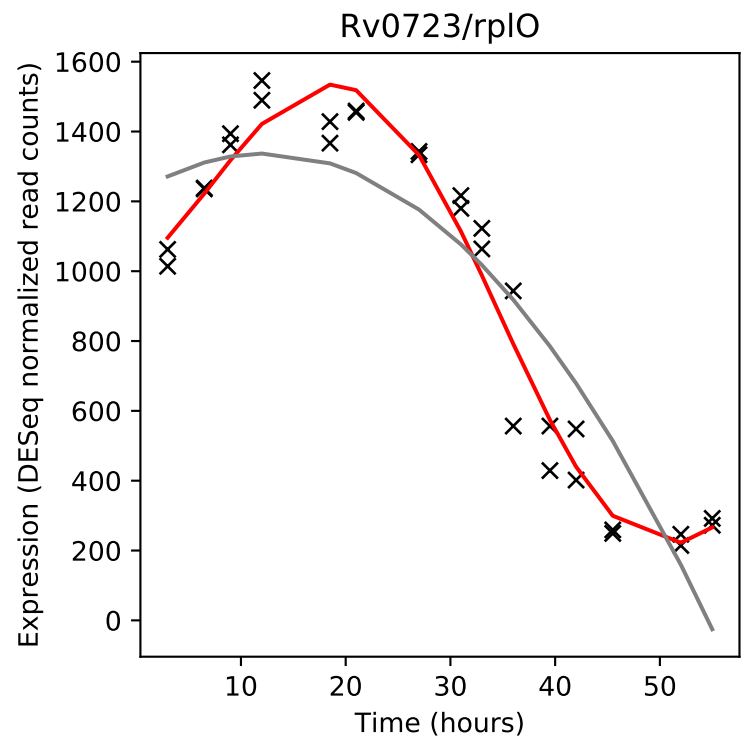

Rv0718/rpsH
Expression (DESeq normalized read counts)
Time (hours)

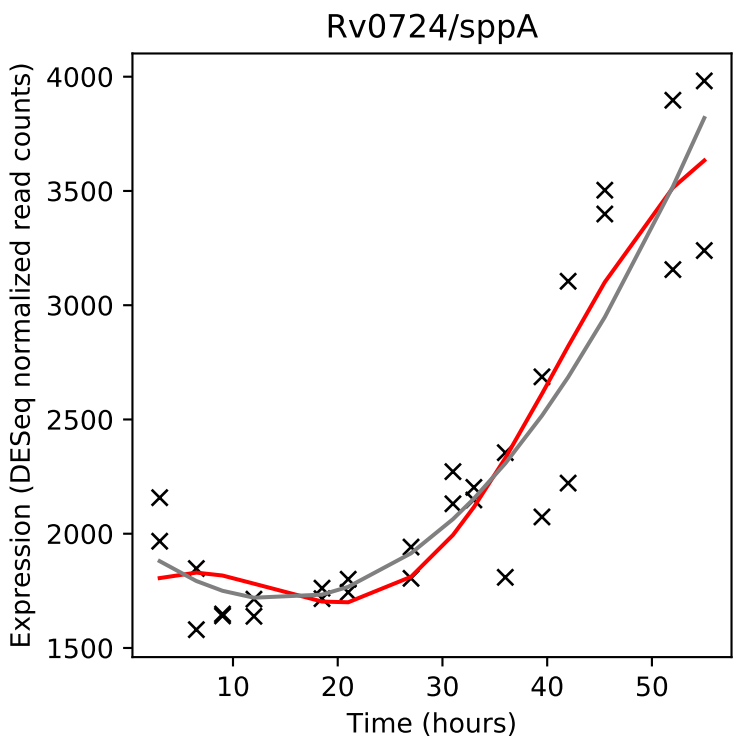

Rv0719/rplF
Expression (DESeq normalized read counts)
Time (hours)

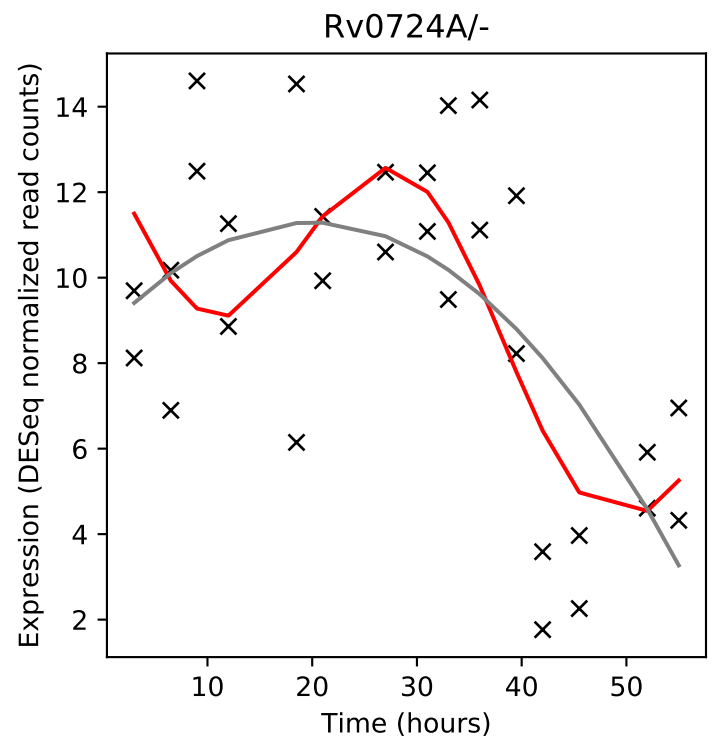

Rv0720/rplR
Expression (DESeq normalized read counts)
Time (hours)

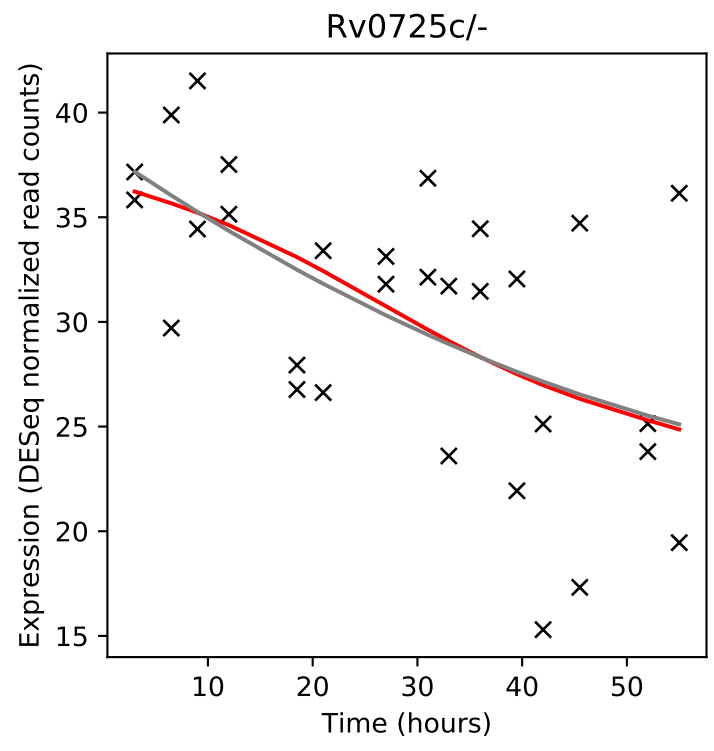

Rv0721/rpsE
Expression (DESeq normalized read counts)
Time (hours)

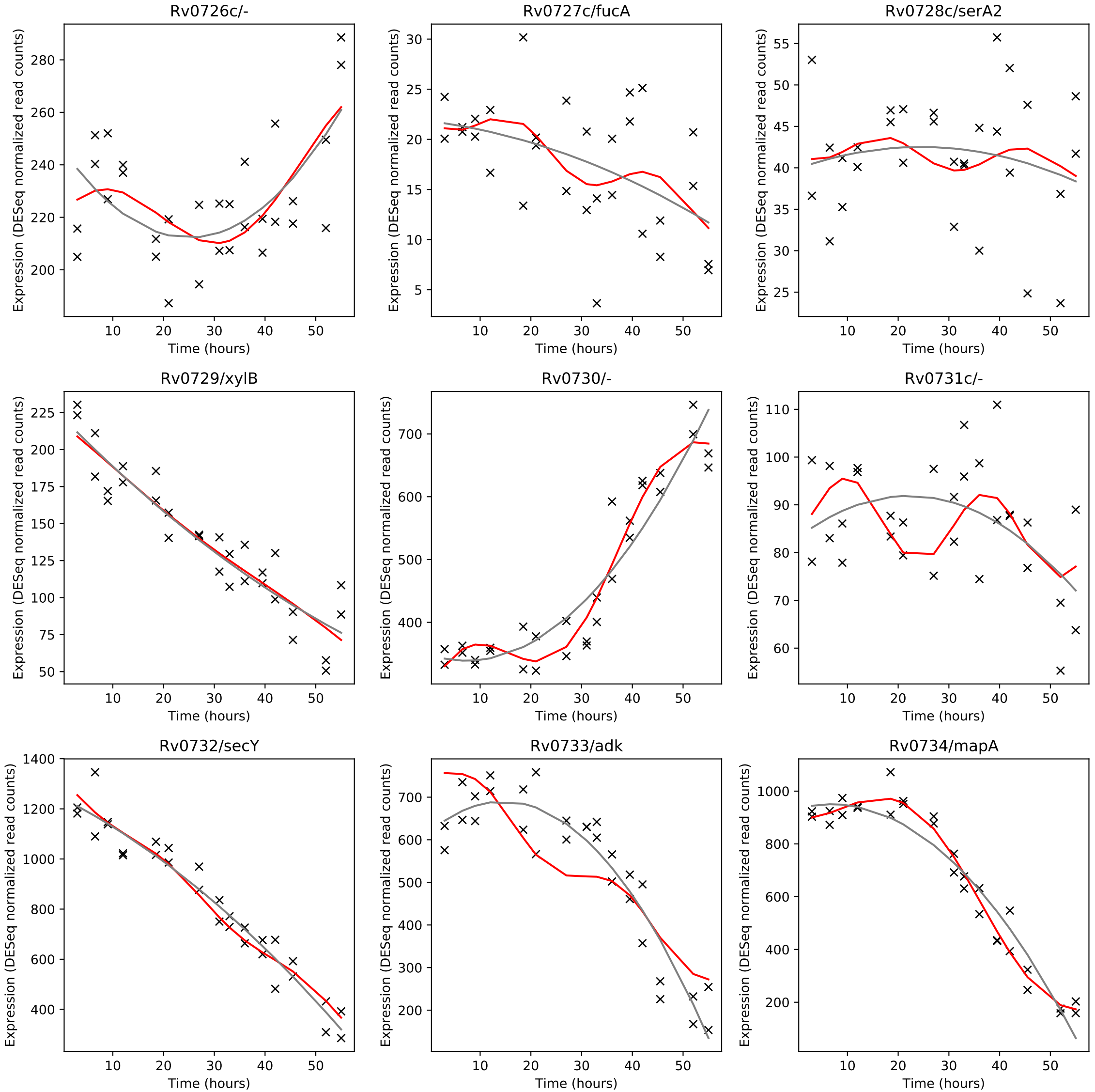

Rv0722/rpmD
Expression (DESeq normalized read counts)
Time (hours)

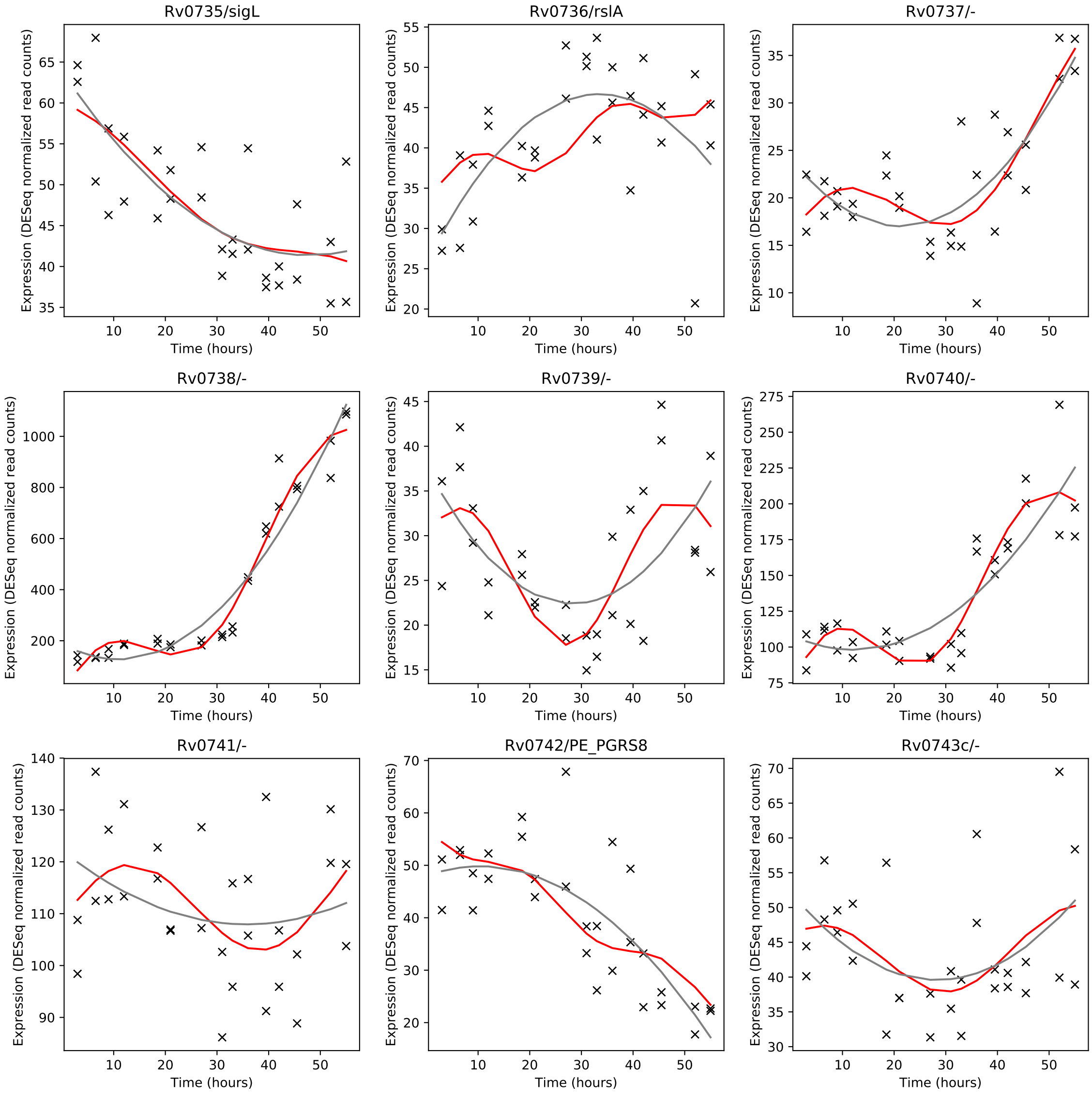

Rv0723/rplO
Expression (DESeq normalized read counts)
Time (hours)

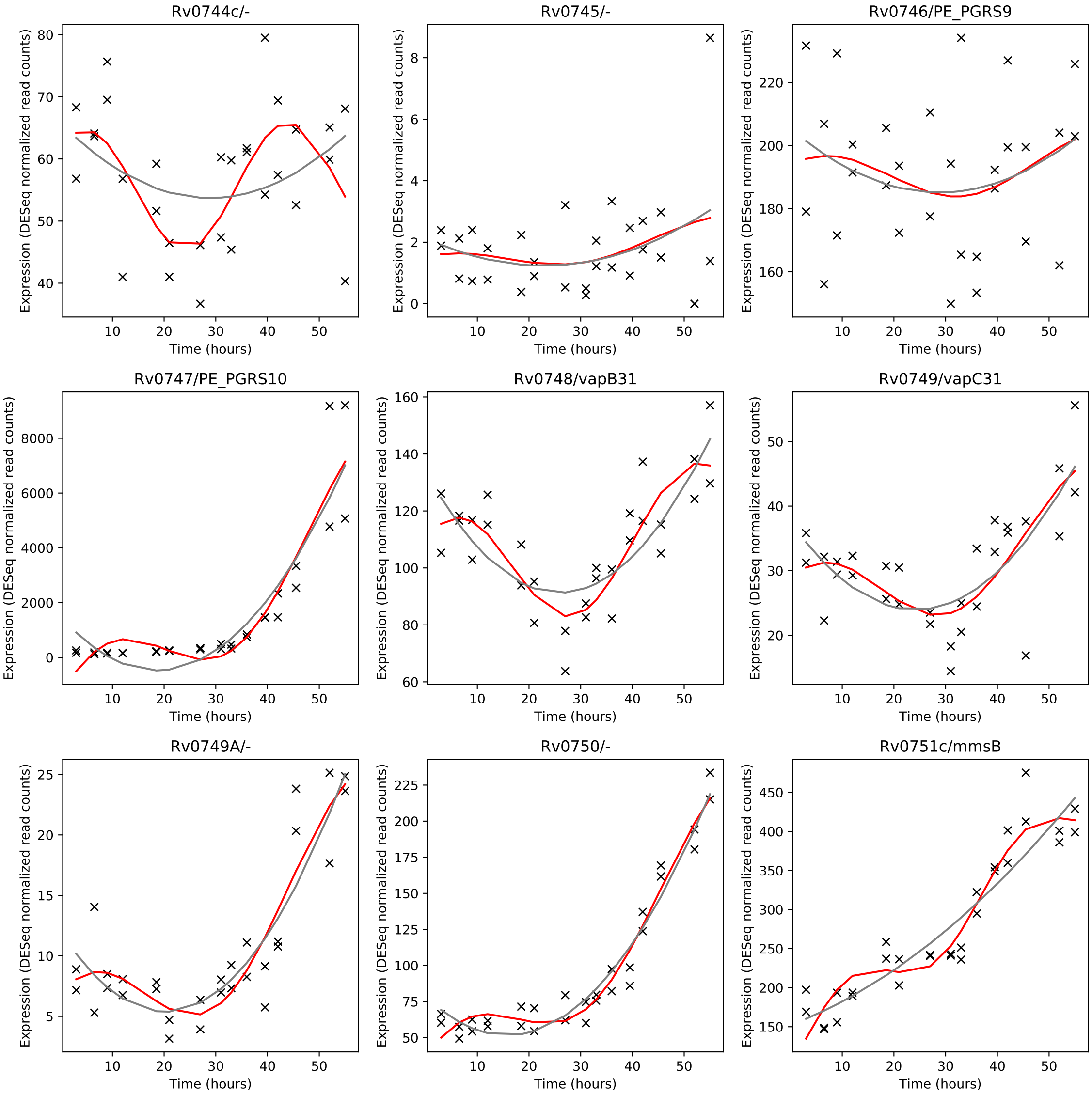

Rv0724/sppA
Expression (DESeq normalized read counts)
Time (hours)

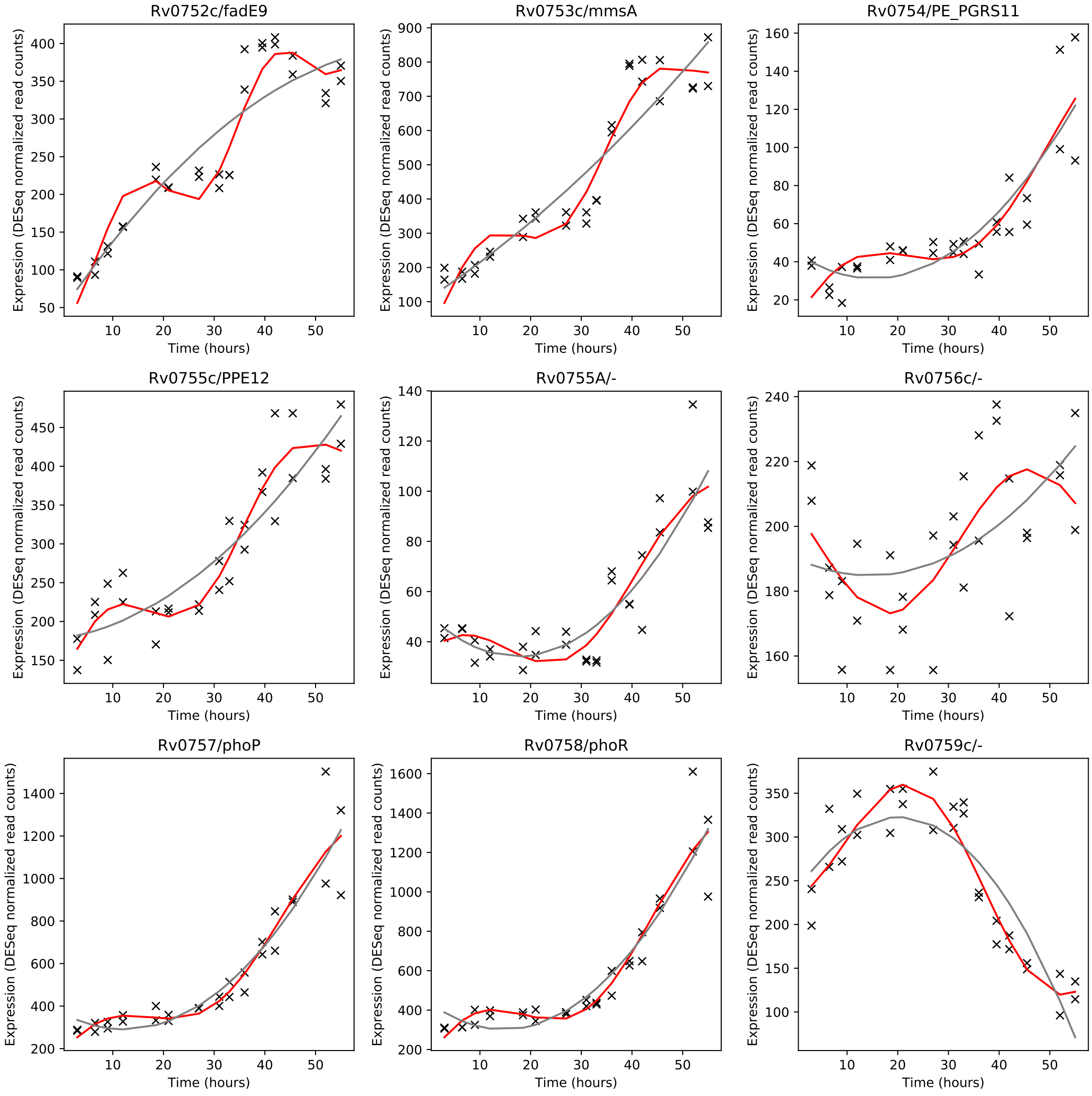

Rv0724A/-
Expression (DESeq normalized read counts)
Time (hours)

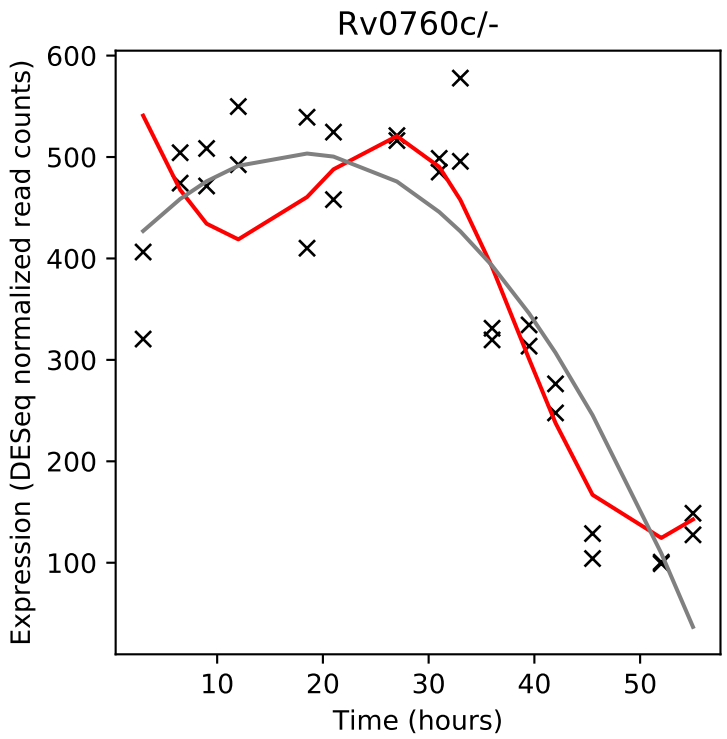

Rv0725c/-
Expression (DESeq normalized read counts)
Time (hours)

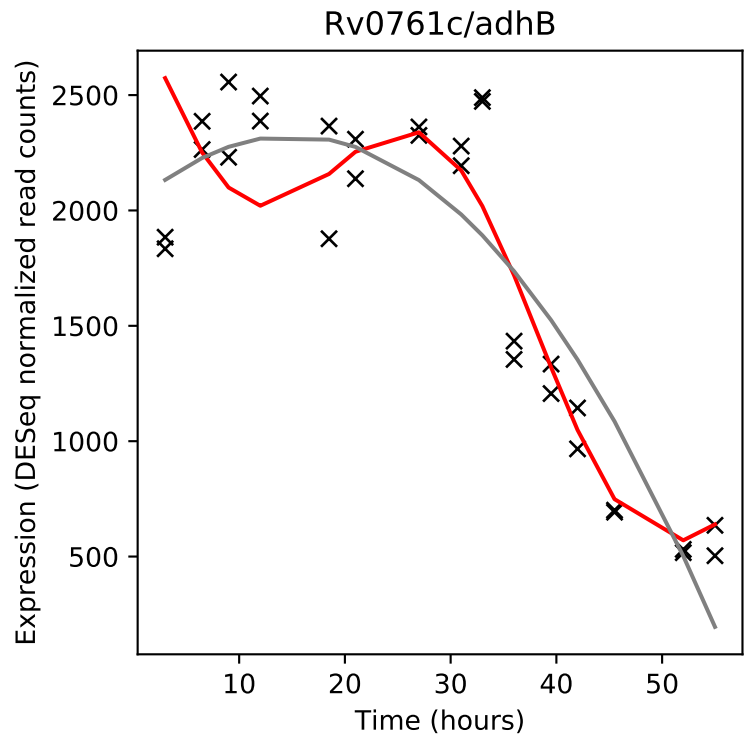

Rv0726c/-
Rv0727c/fucA
Rv0728c/serA2
Rv0729/xylB
Rv0730/-
Rv0731c/-
Rv0732/secY
Rv0733/adk
Rv0734/mapA
Expression (DESeq normalized read counts)
Time (hours)

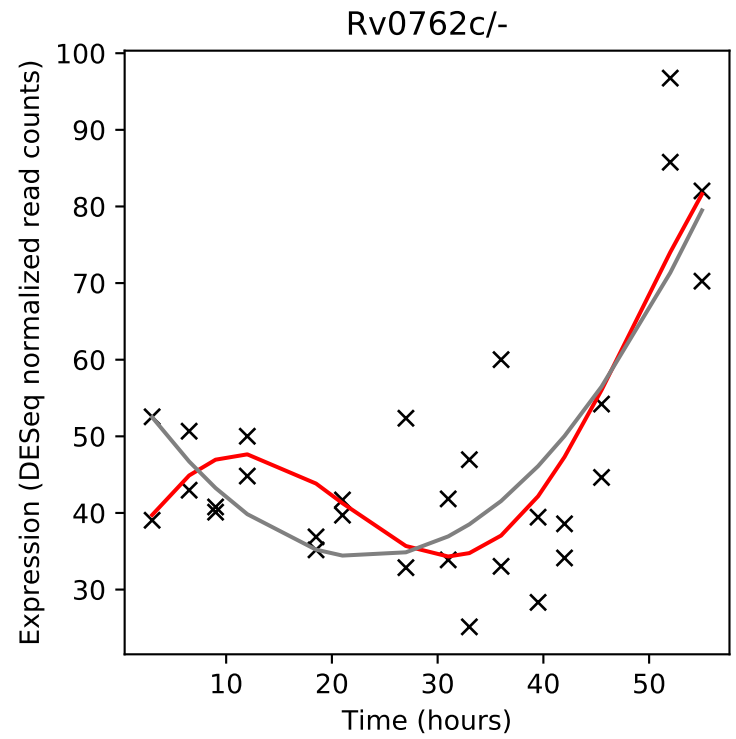

Rv0735/sigL
Rv0736/rslA
Rv0737/-
Rv0738/-
Rv0739/-
Rv0740/-
Rv0741/-
Rv0742/PE_PGRS8
Rv0743c/-
Expression (DESeq normalized read counts)
Time (hours)

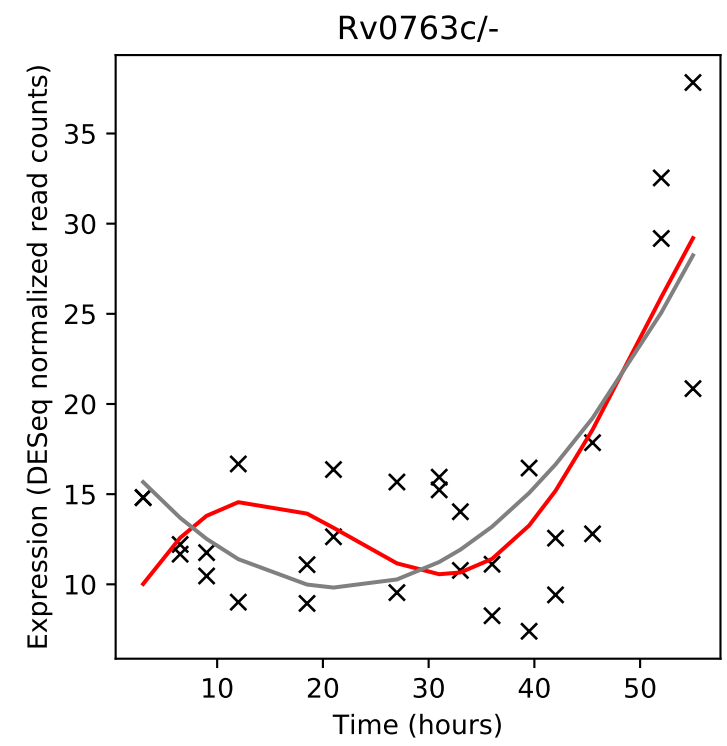

Rv0744c/-
Rv0745/-
Rv0746/PE_PGRS9
Rv0747/PE_PGRS10
Rv0748/vapB31
Rv0749/vapC31
Rv0749A/-
Rv0750/-
Rv0751c/mmsB
Expression (DESeq normalized read counts)
Time (hours)

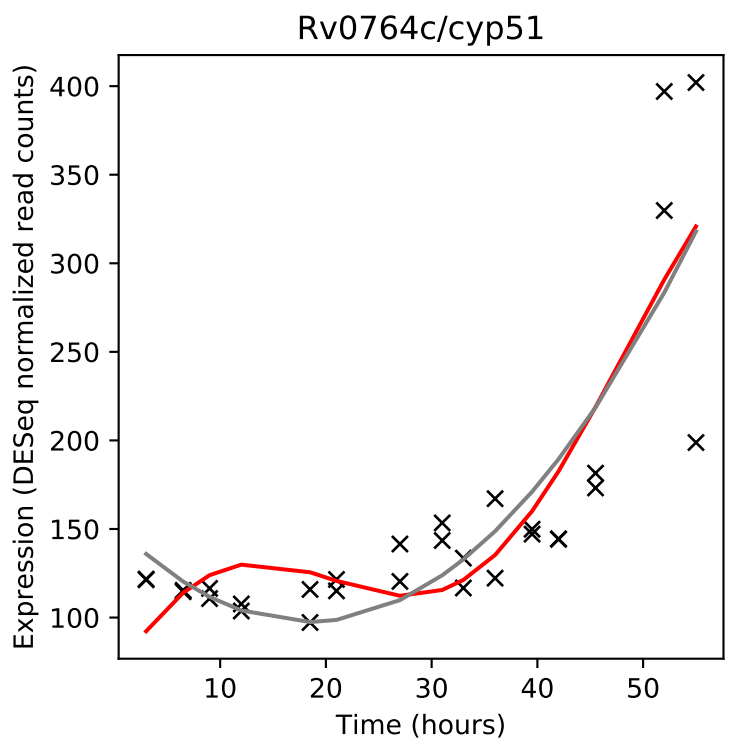

Rv0752c/fadE9
Rv0753c/mmsA
Rv0754/PE_PGRS11
Rv0755c/PPE12
Rv0755A/-
Rv0756c/-
Rv0757/phoP
Rv0758/phoR
Rv0759c/-
Expression (DESeq normalized read counts)
Time (hours)

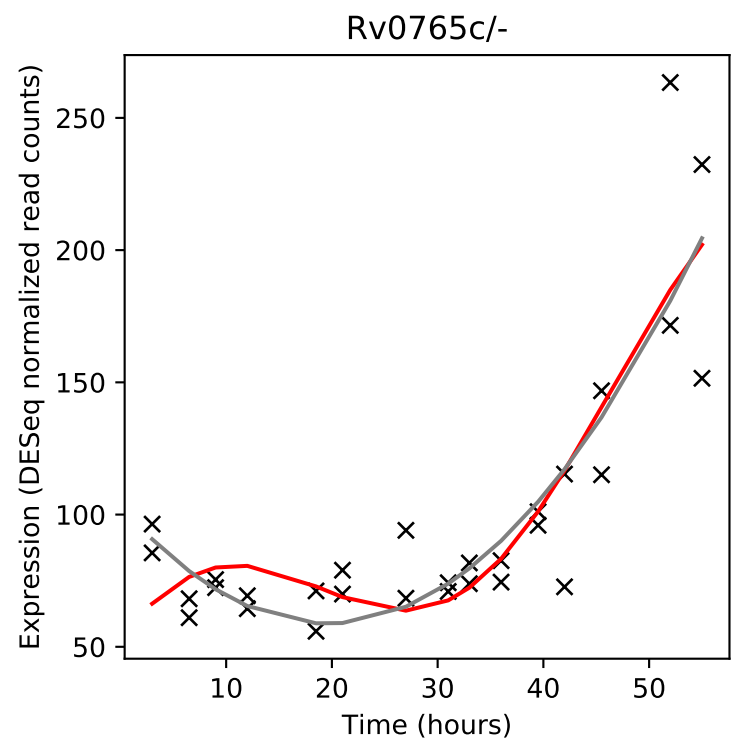

Rv0760c/-
Expression (DESeq normalized read counts)
Time (hours)

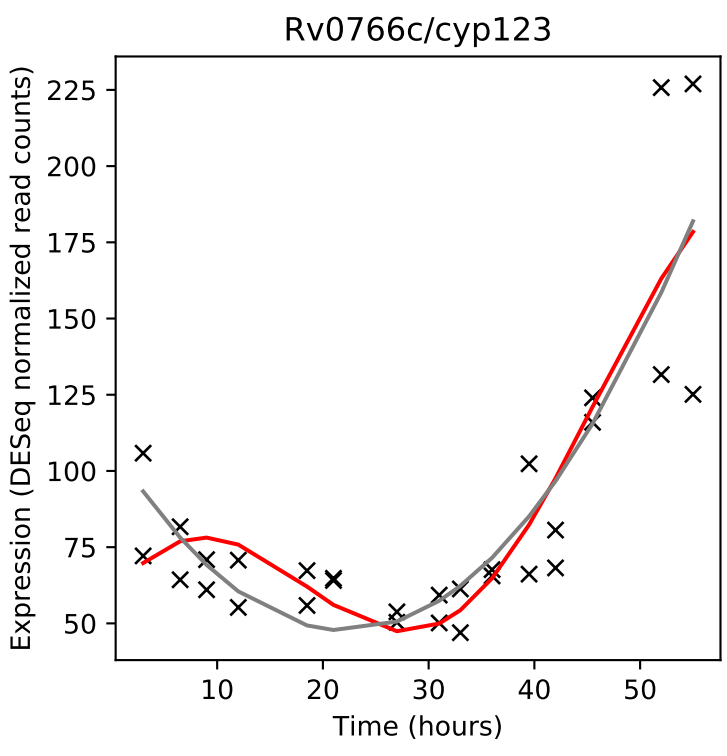

Rv0761c/adhB
Expression (DESeq normalized read counts)
Time (hours)

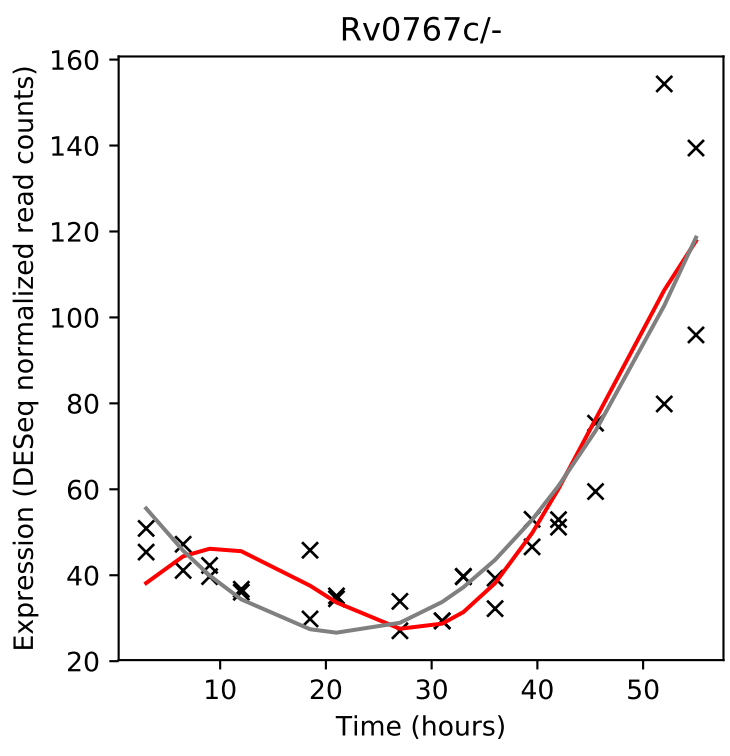

Rv0762c/-
Expression (DESeq normalized read counts)
Time (hours)

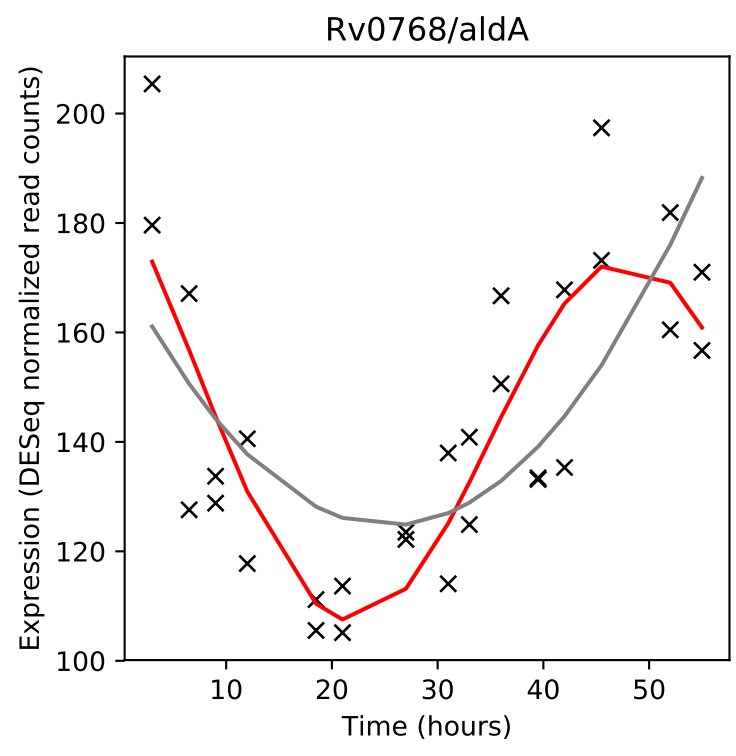

Rv0763c/-
Expression (DESeq normalized read counts)
Time (hours)

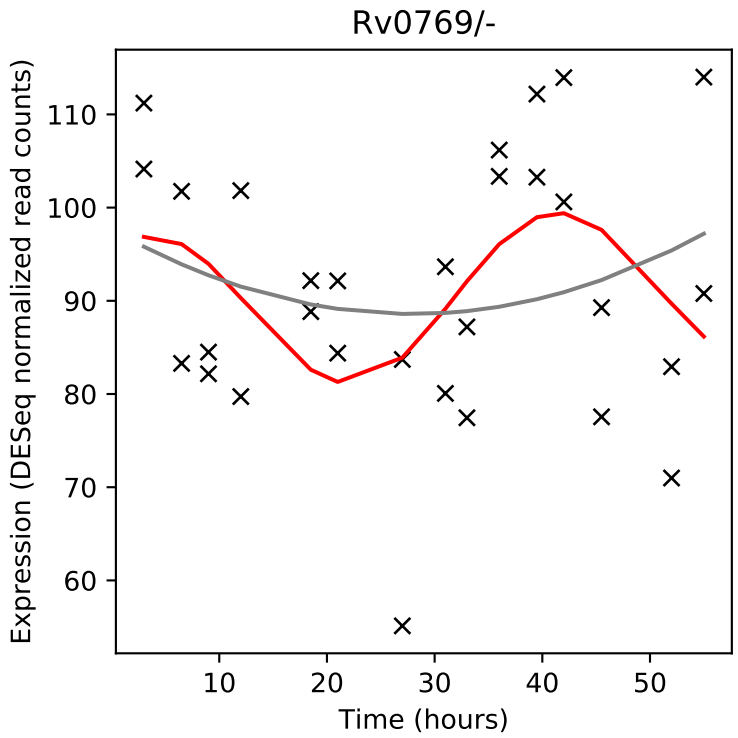

Rv0764c/cyp51
Expression (DESeq normalized read counts)
Time (hours)

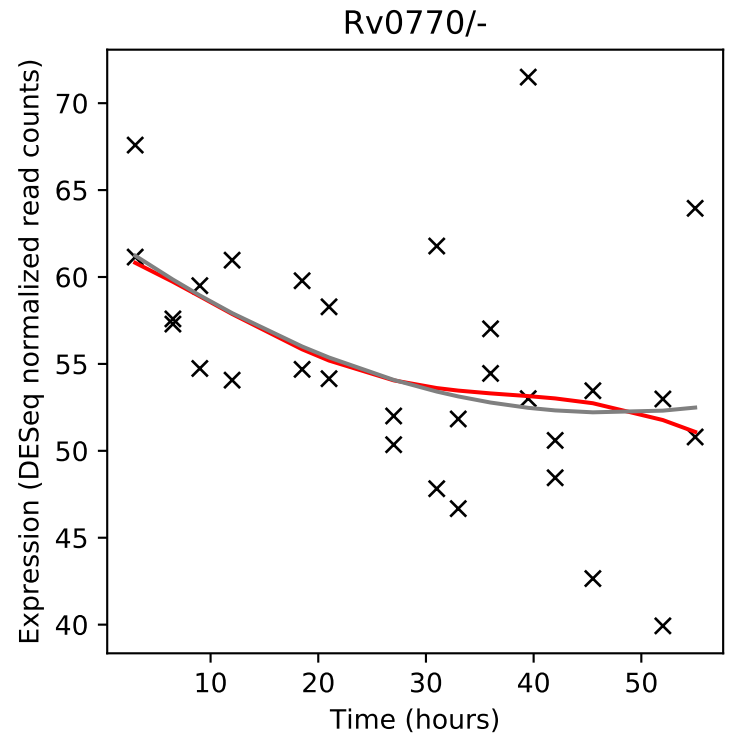

Rv0765c/-
Expression (DESeq normalized read counts)
Time (hours)

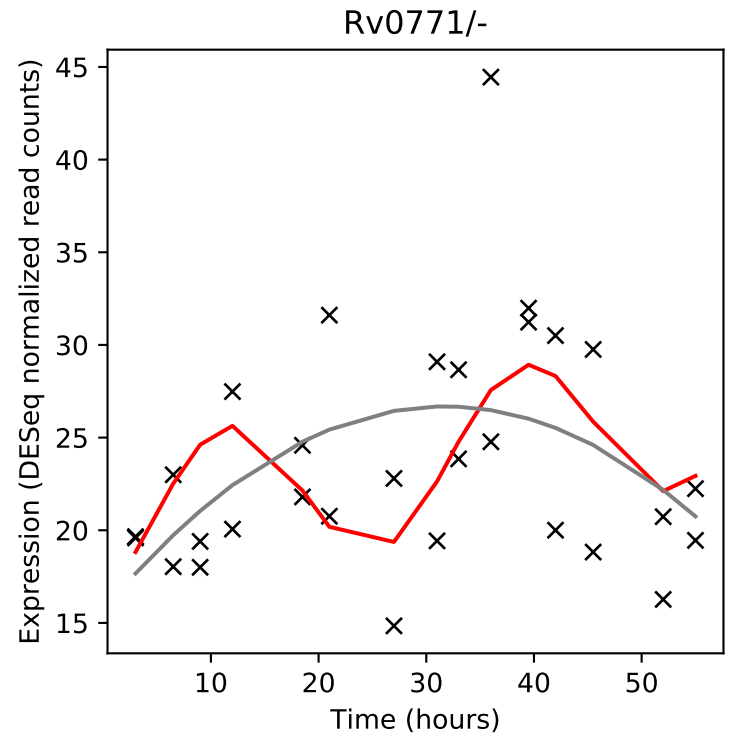

Rv0766c/cyp123
Expression (DESeq normalized read counts)
Time (hours)

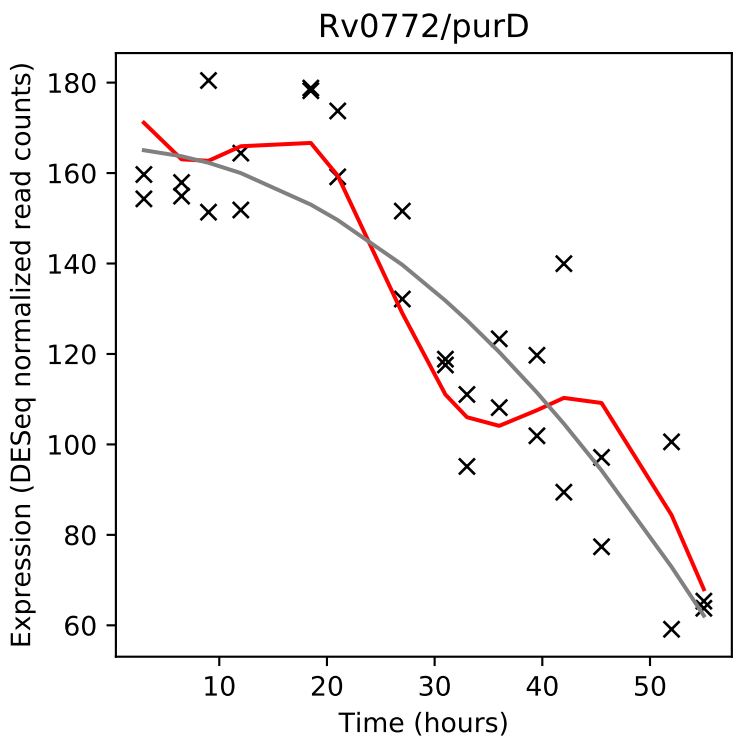

Rv0767c/-
Expression (DESeq normalized read counts)
Time (hours)

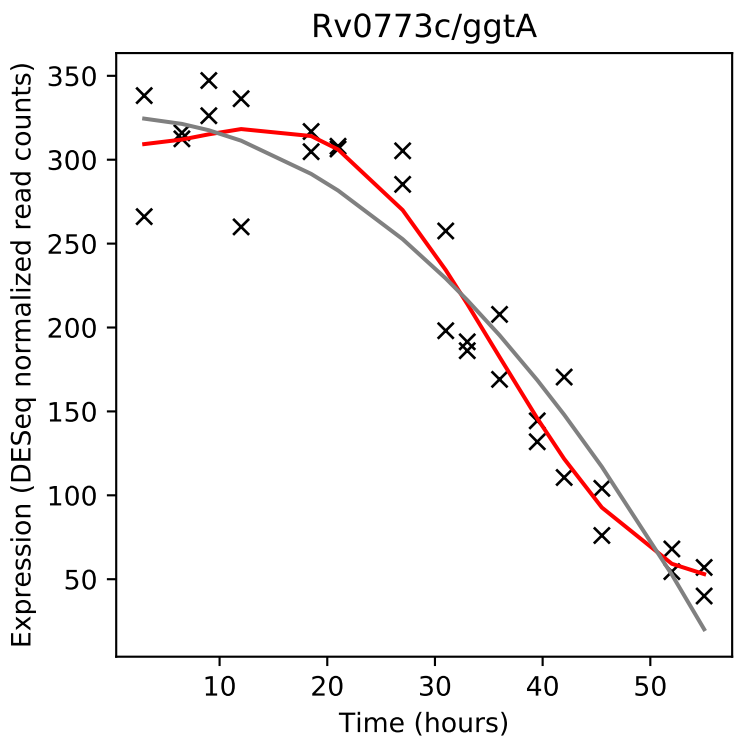

Rv0768/aldA
Expression (DESeq normalized read counts)
Time (hours)

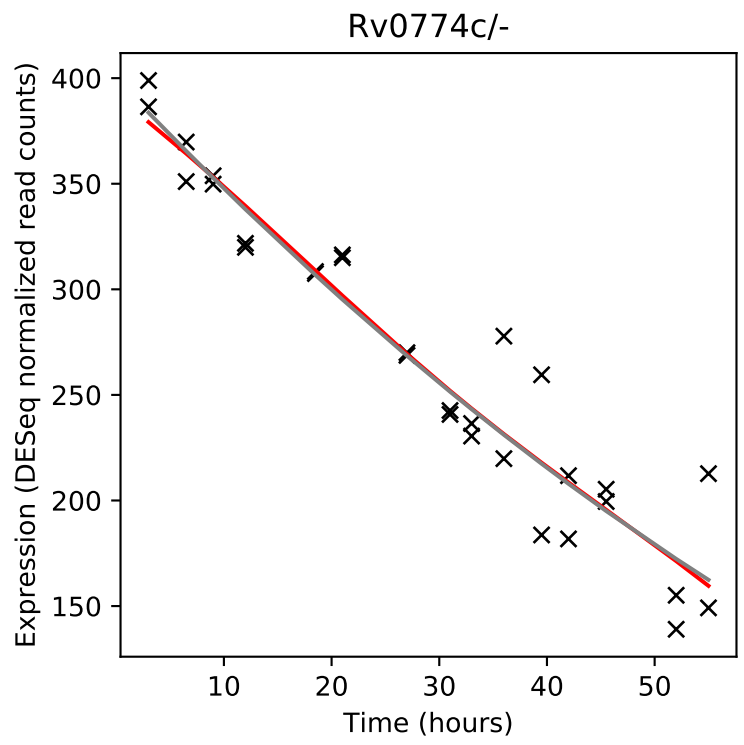

Rv0769/-
Expression (DESeq normalized read counts)
Time (hours)

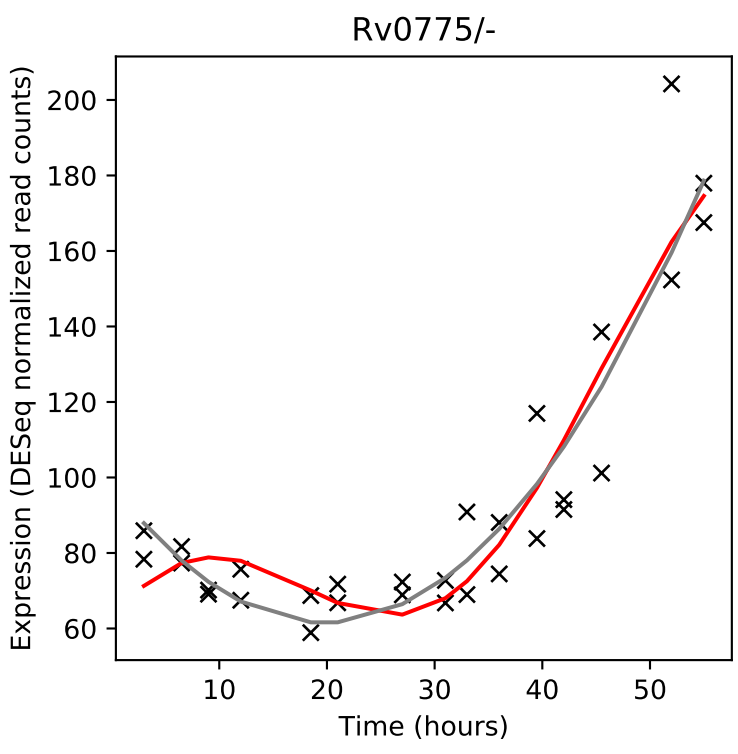

Rv0770/-
Expression (DESeq normalized read counts)
Time (hours)

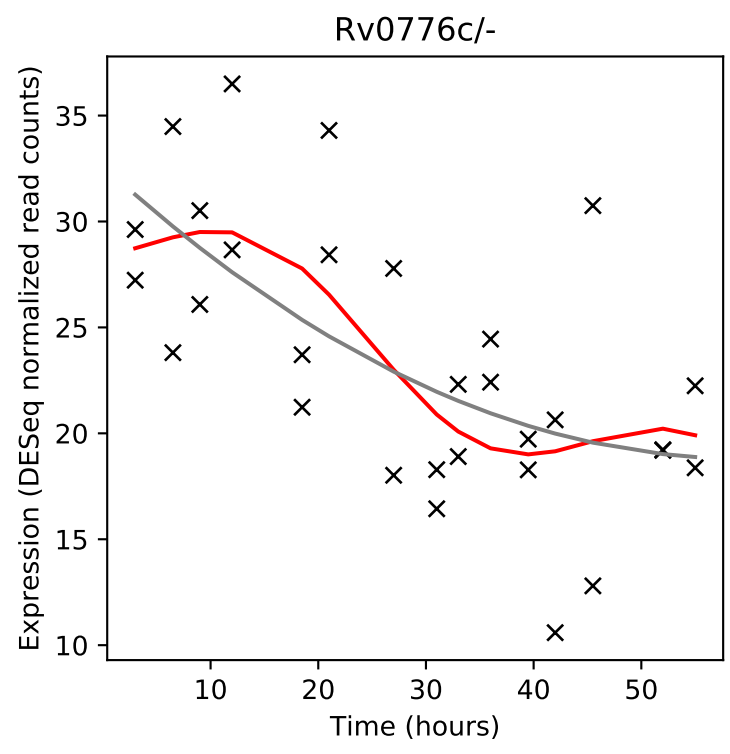

Rv0771/-
Expression (DESeq normalized read counts)
Time (hours)

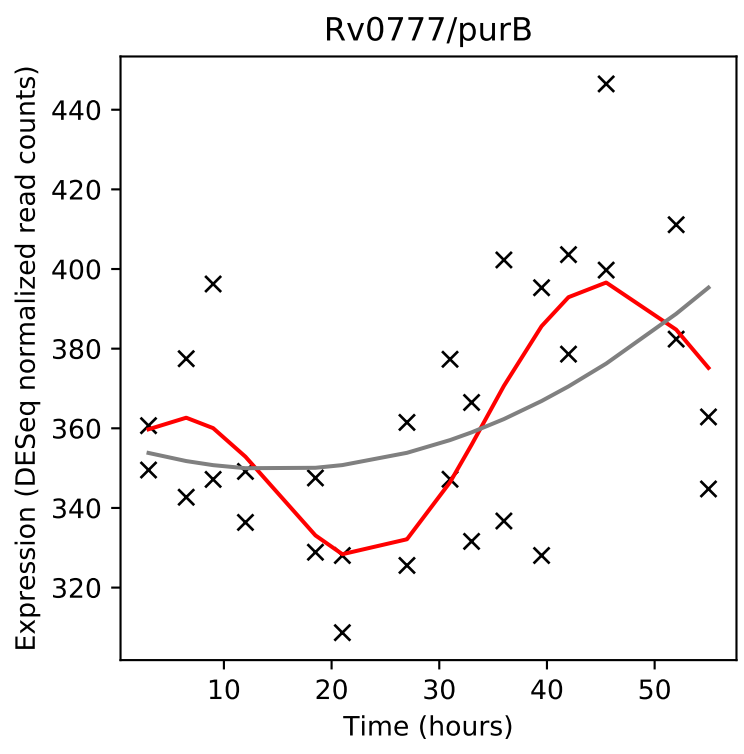

Rv0772/purD
Expression (DESeq normalized read counts)
Time (hours)

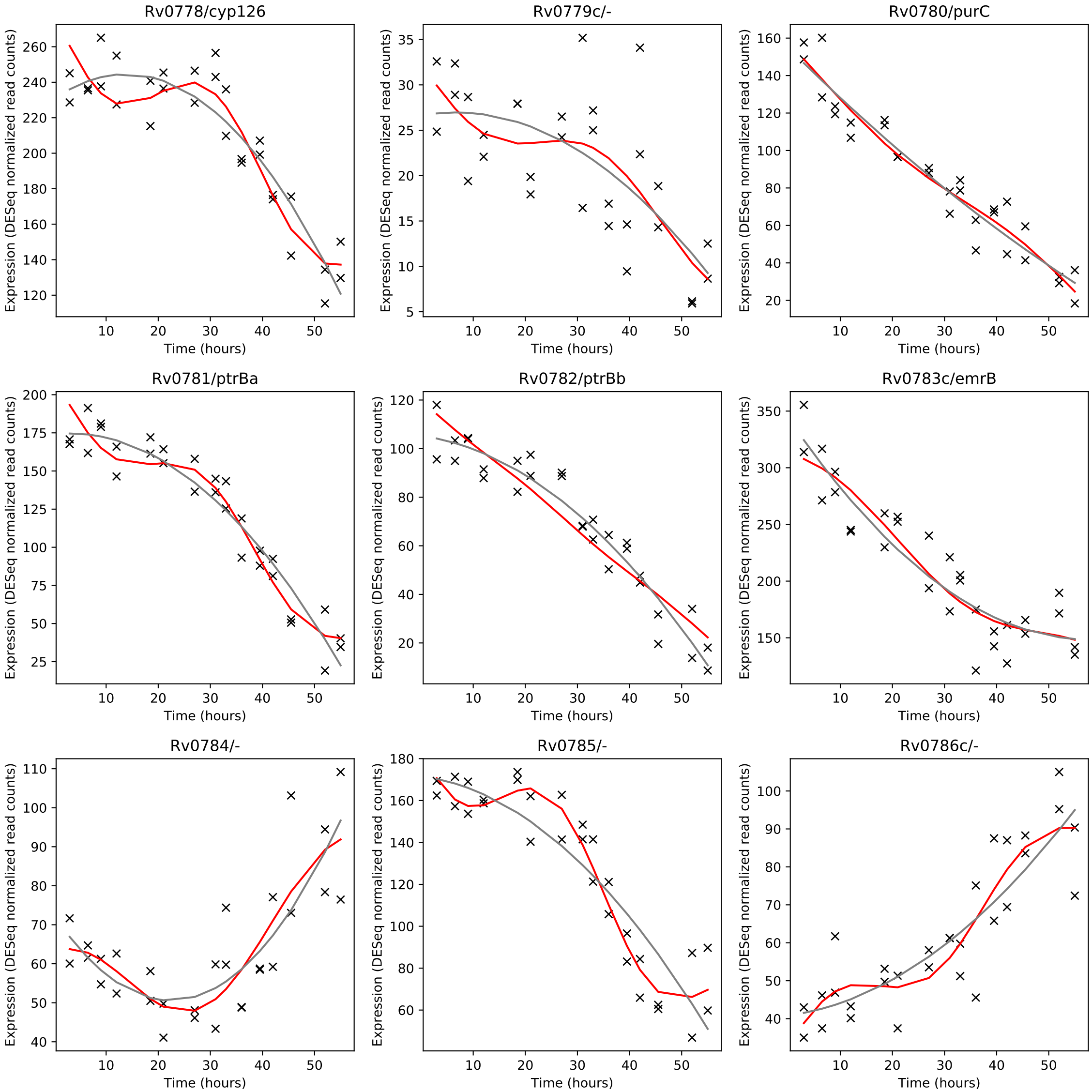

Rv0773c/ggtA
Expression (DESeq normalized read counts)
Time (hours)

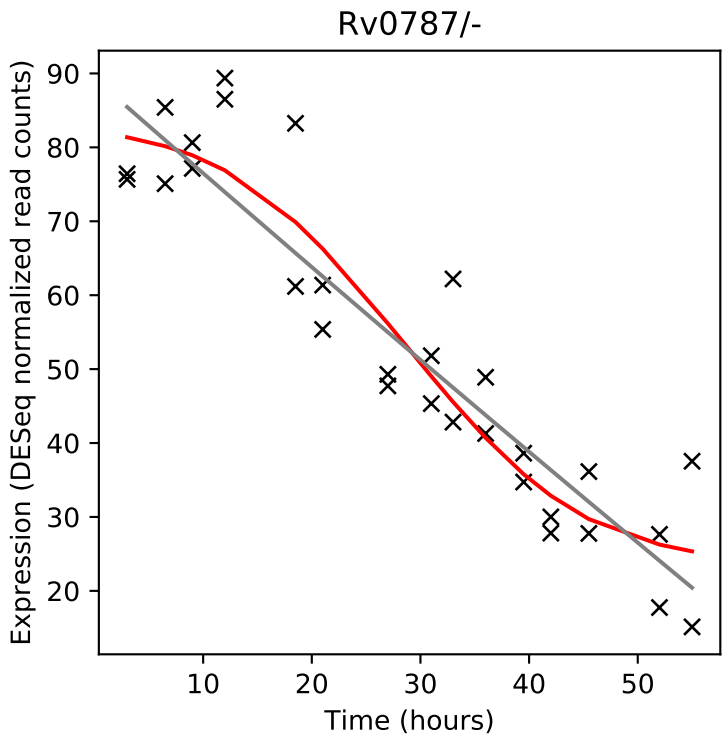

Rv0774c/-
Expression (DESeq normalized read counts)
Time (hours)

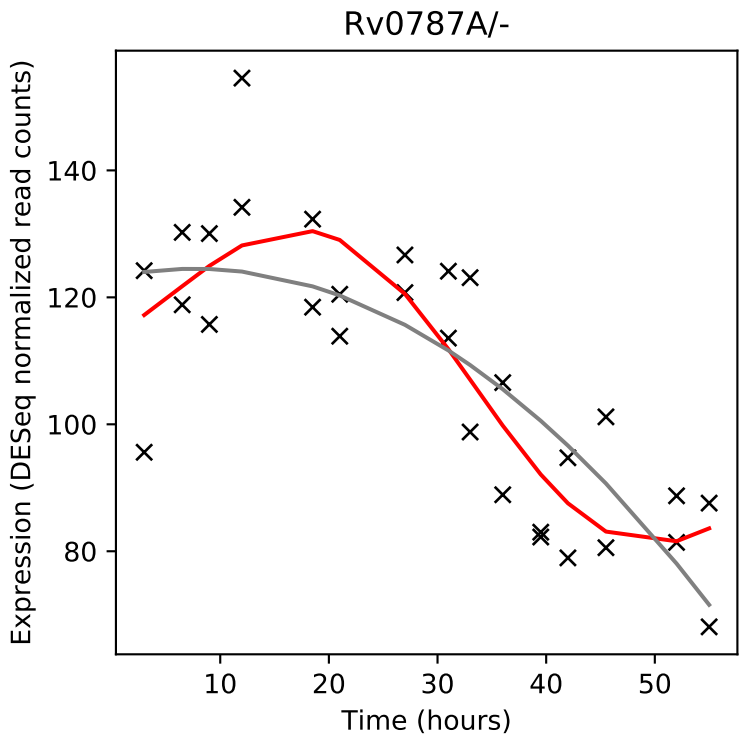

Rv0775/-
Expression (DESeq normalized read counts)
Time (hours)

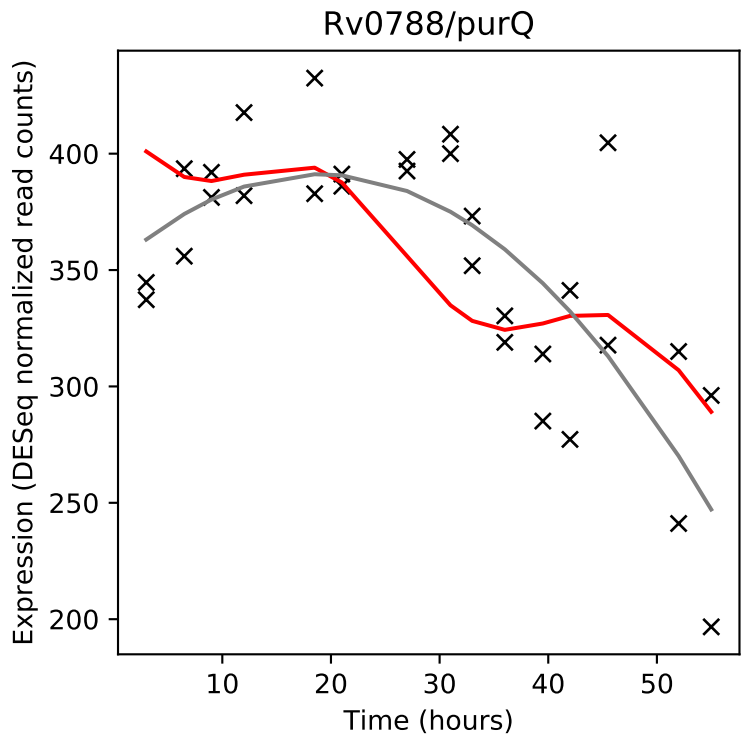

Rv0776c/-
Expression (DESeq normalized read counts)
Time (hours)

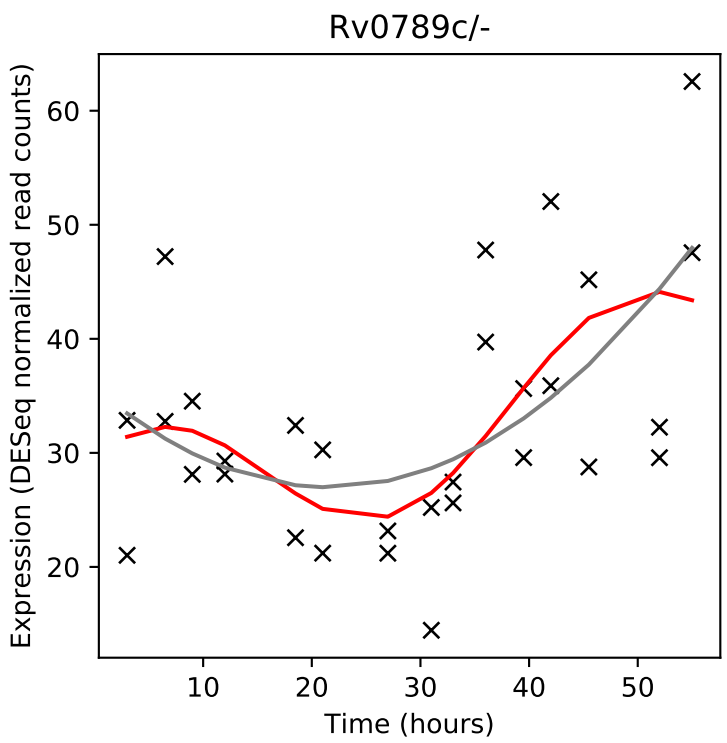

Rv0777/purB
Expression (DESeq normalized read counts)
Time (hours)

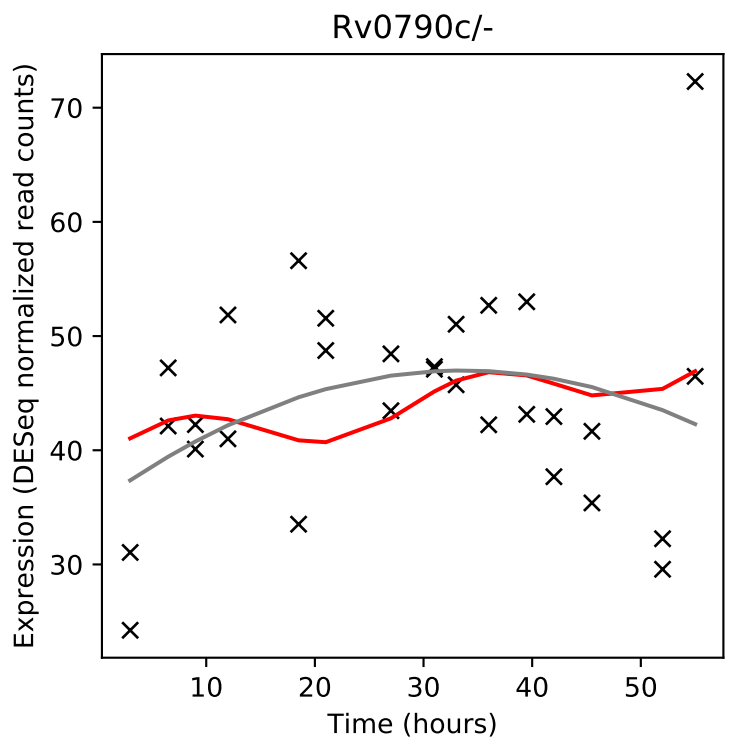

Rv0778/cyp126
Rv0779c/-
Rv0780/purC
Rv0781/ptrBa
Rv0782/ptrBb
Rv0783c/emrB
Rv0784/-
Rv0785/-
Rv0786c/-
Expression (DESeq normalized read counts)
Time (hours)

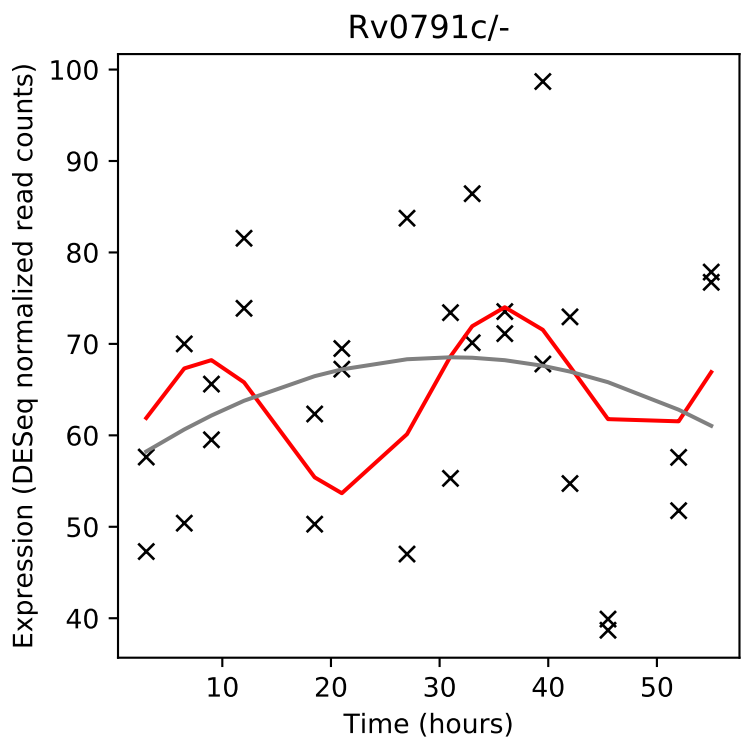

Rv0787/-
Expression (DESeq normalized read counts)
Time (hours)

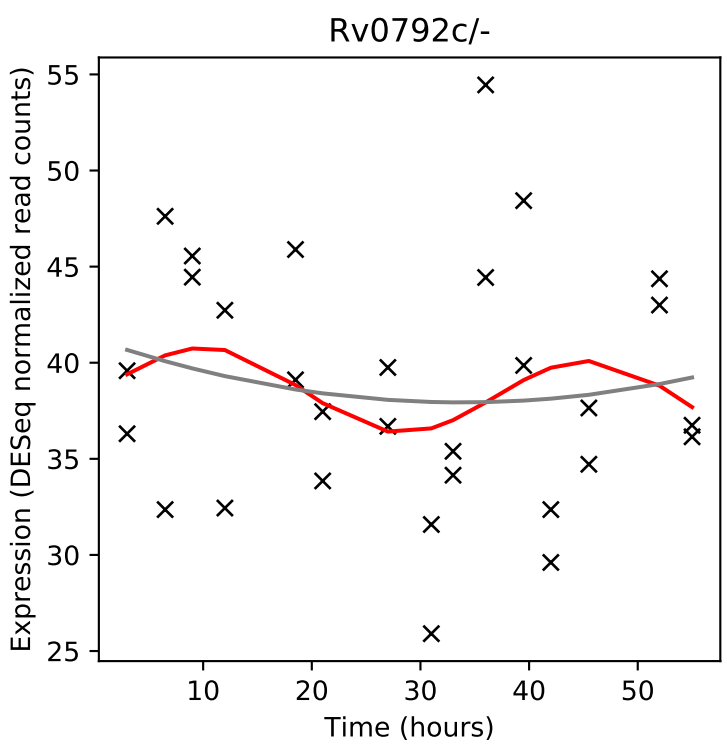

Rv0787A/-
Expression (DESeq normalized read counts)
Time (hours)

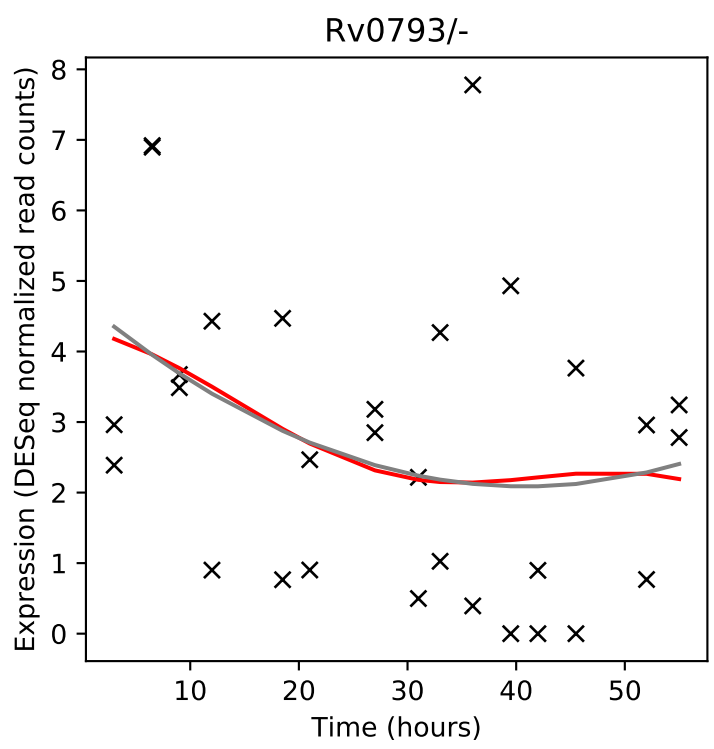

Rv0788/purQ
Expression (DESeq normalized read counts)
Time (hours)

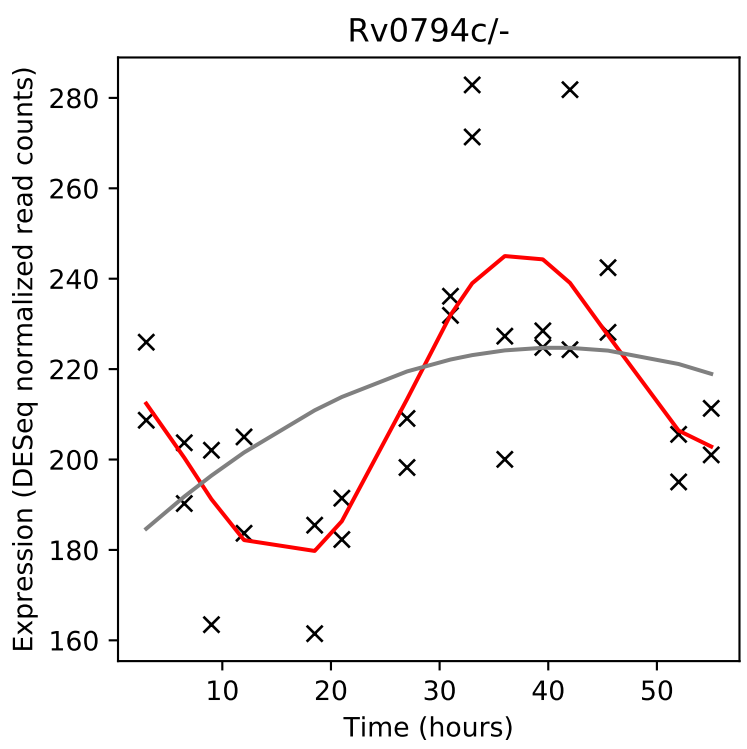

Rv0789c/-
Expression (DESeq normalized read counts)
Time (hours)

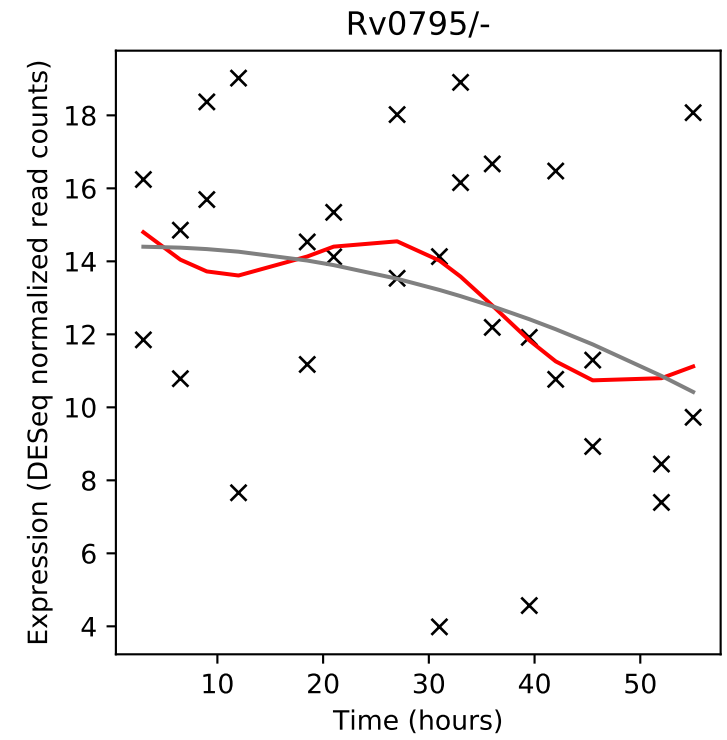

Rv0790c/-
Expression (DESeq normalized read counts)
Time (hours)

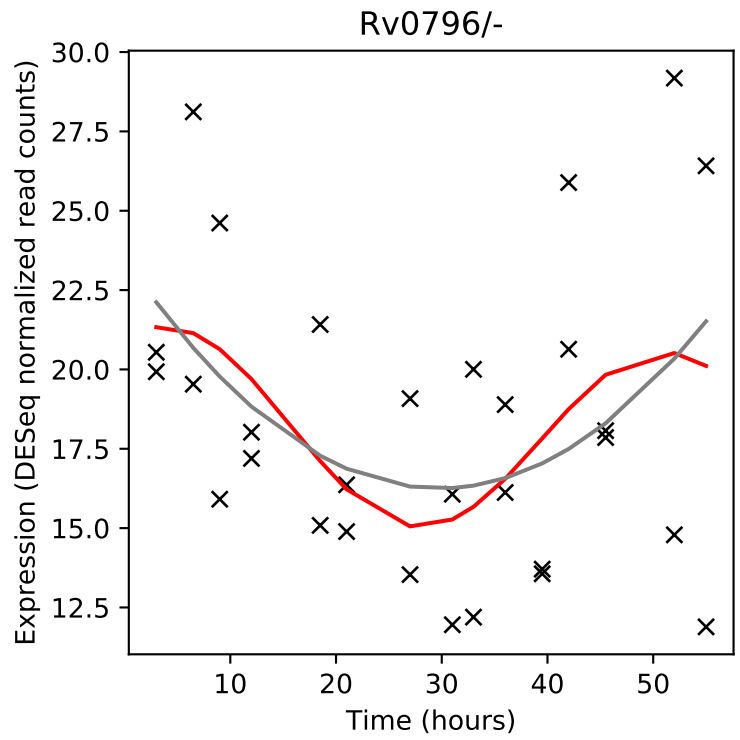

Rv0791c/-
Expression (DESeq normalized read counts)
Time (hours)

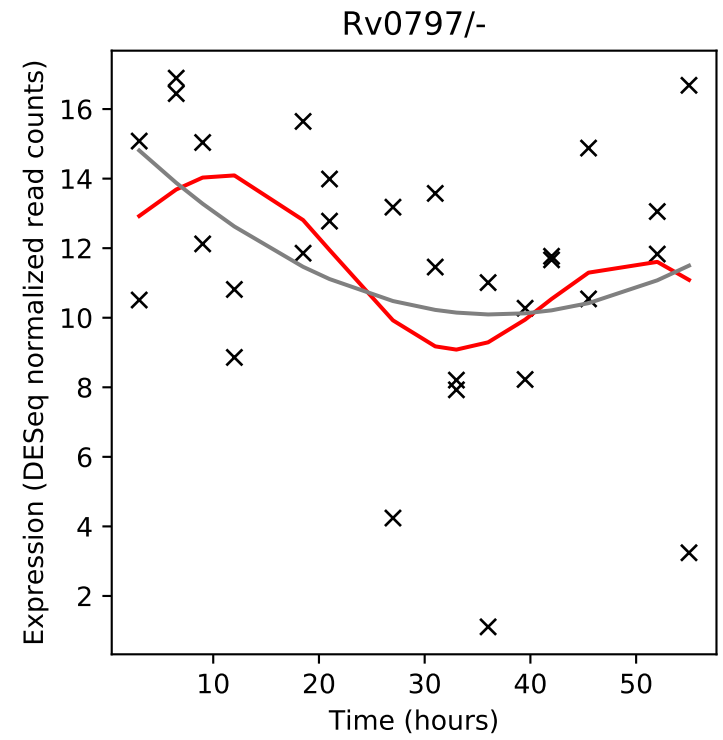

Rv0792c/-
Expression (DESeq normalized read counts)
Time (hours)

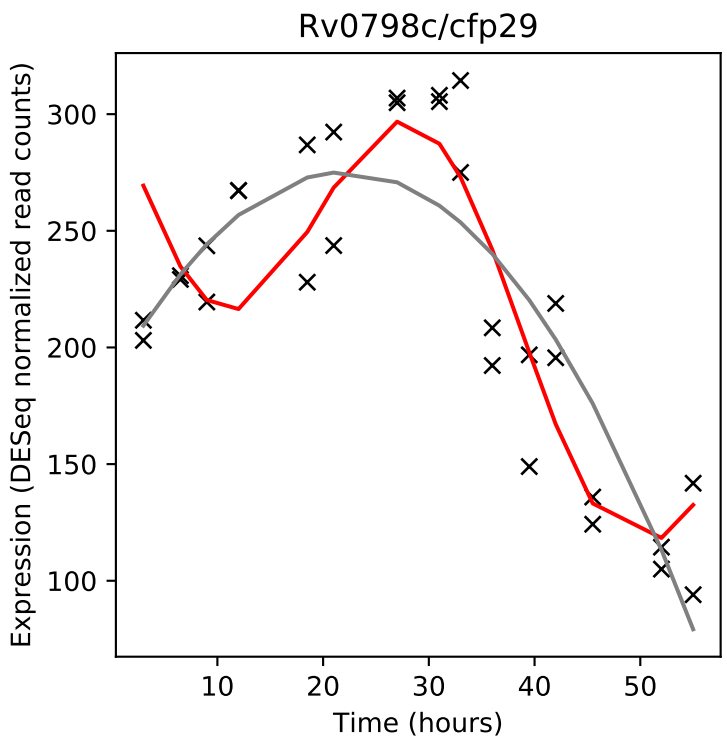

Rv0793/-
Expression (DESeq normalized read counts)
Time (hours)

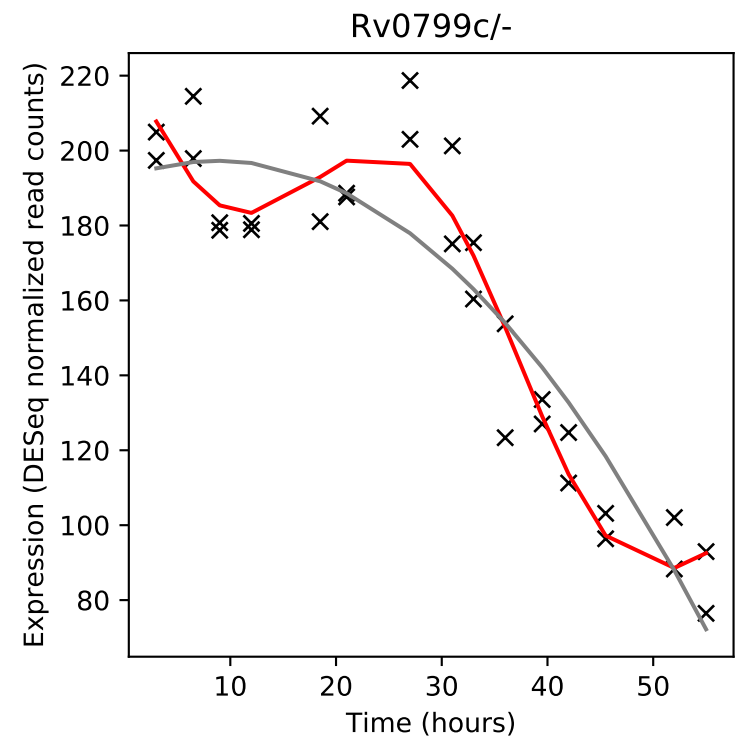

Rv0794c/-
Expression (DESeq normalized read counts)
Time (hours)

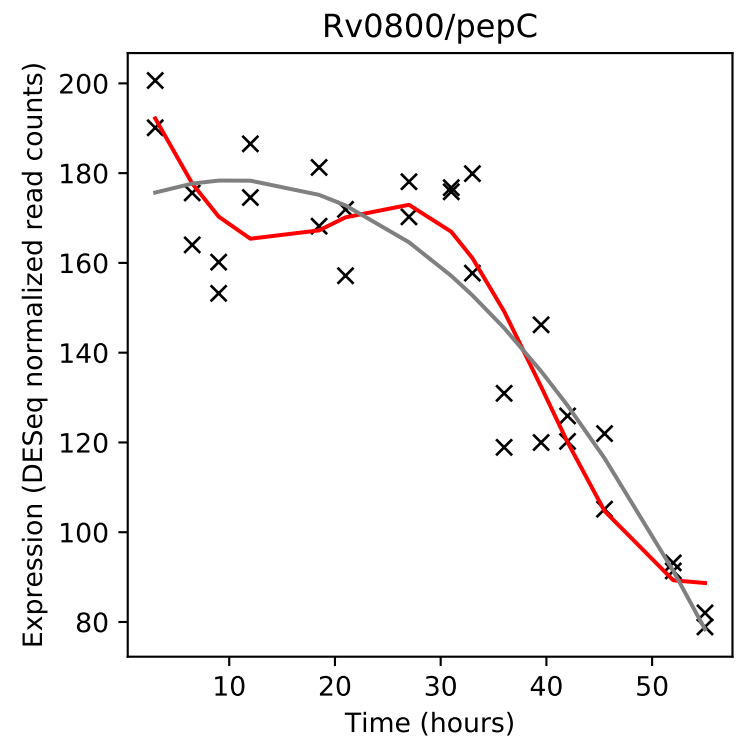

Rv0795/-
Expression (DESeq normalized read counts)
Time (hours)

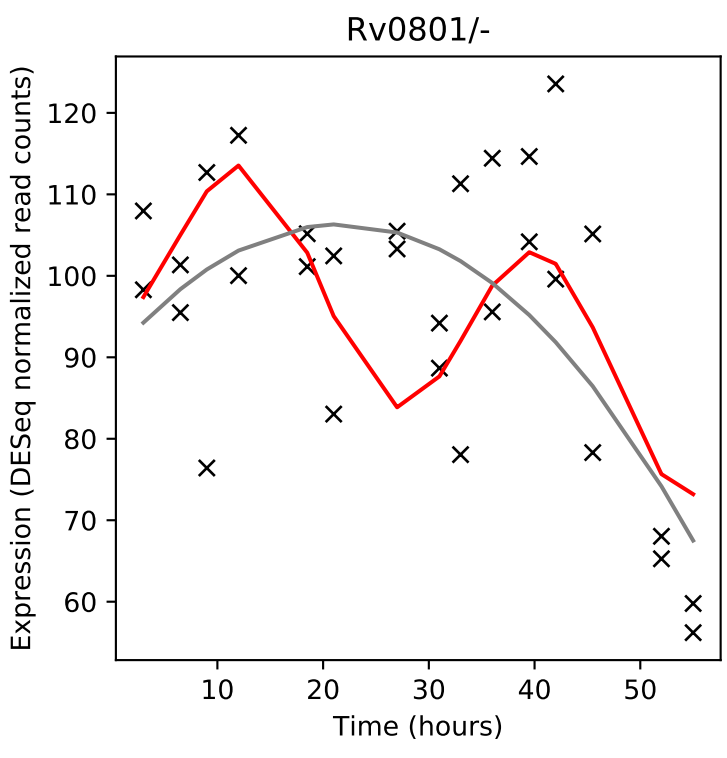

Rv0796/-
Expression (DESeq normalized read counts)
Time (hours)

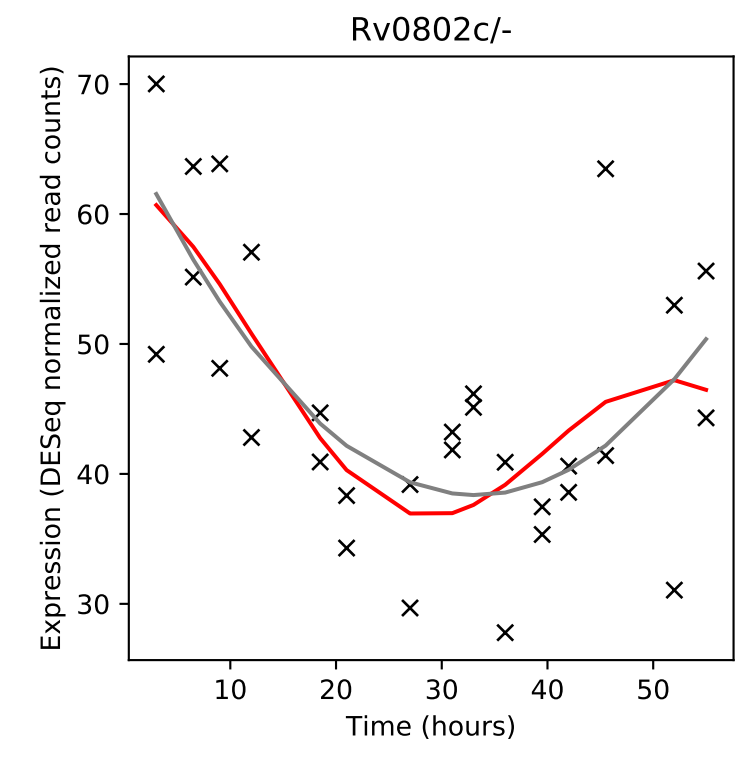

Rv0797/-
Expression (DESeq normalized read counts)
Time (hours)

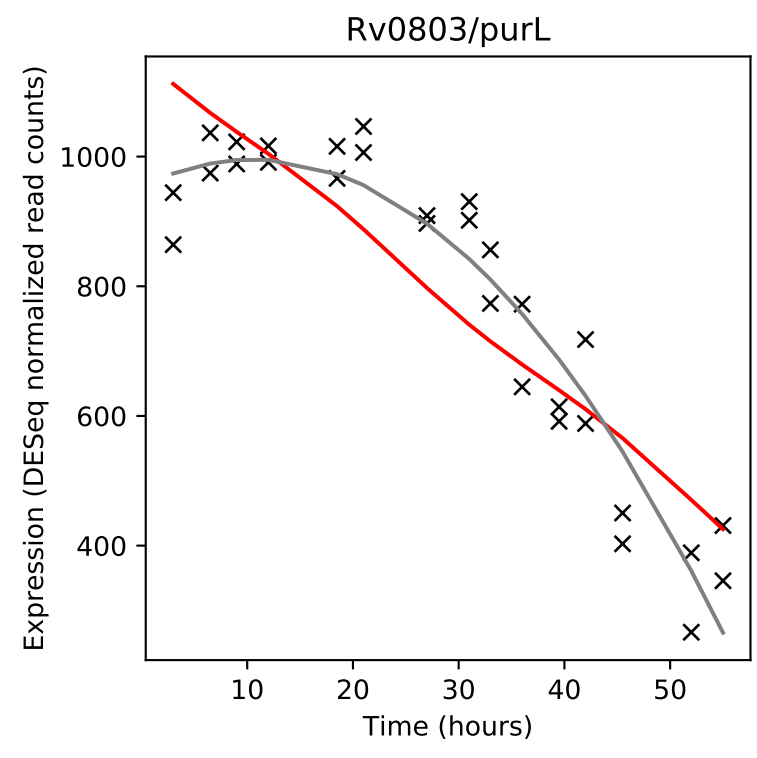

Rv0798c/cfp29
Expression (DESeq normalized read counts)
Time (hours)

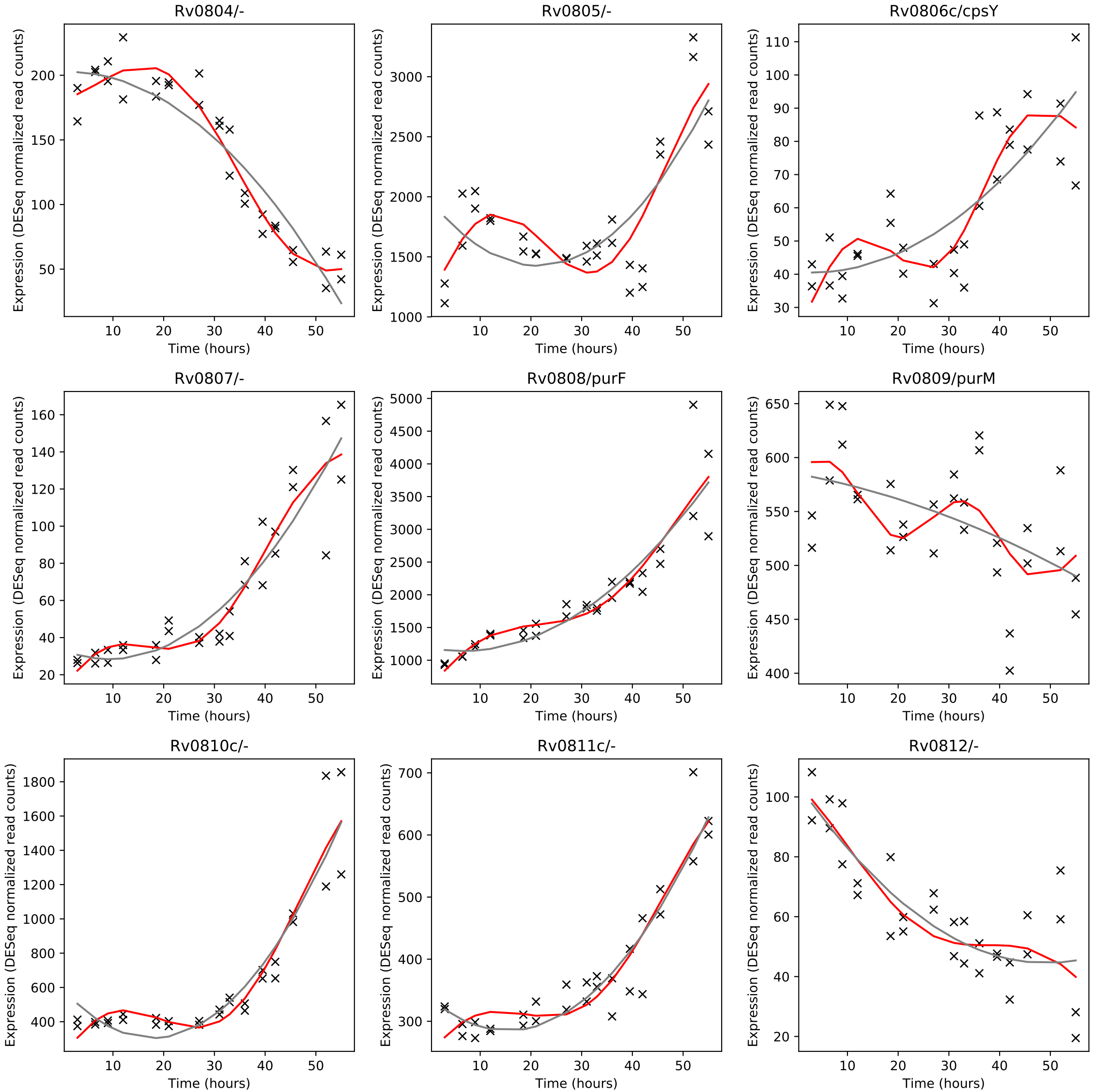

Rv0799c/-
Expression (DESeq normalized read counts)
Time (hours)

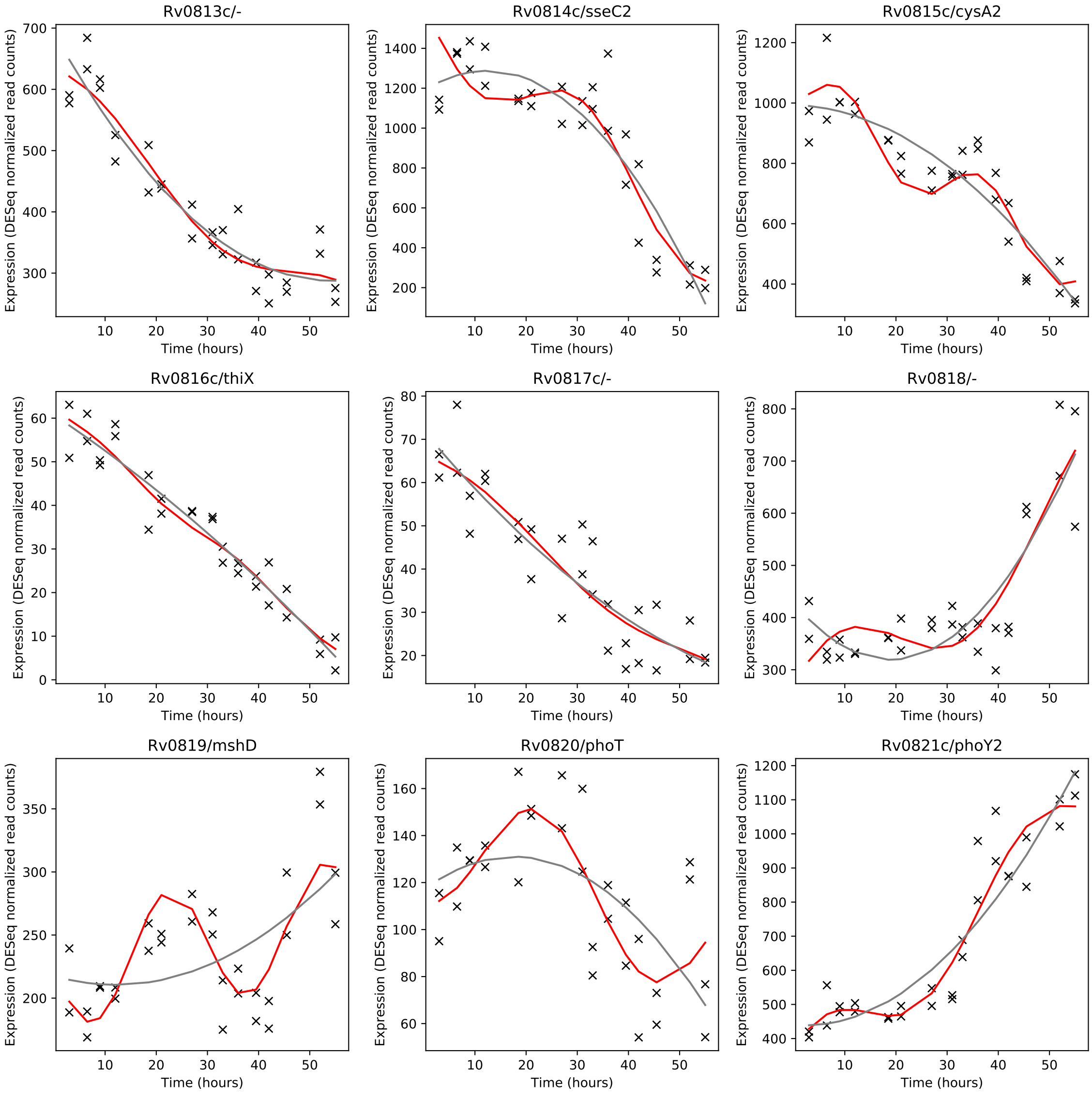

Rv0800/pepC
Expression (DESeq normalized read counts)
Time (hours)

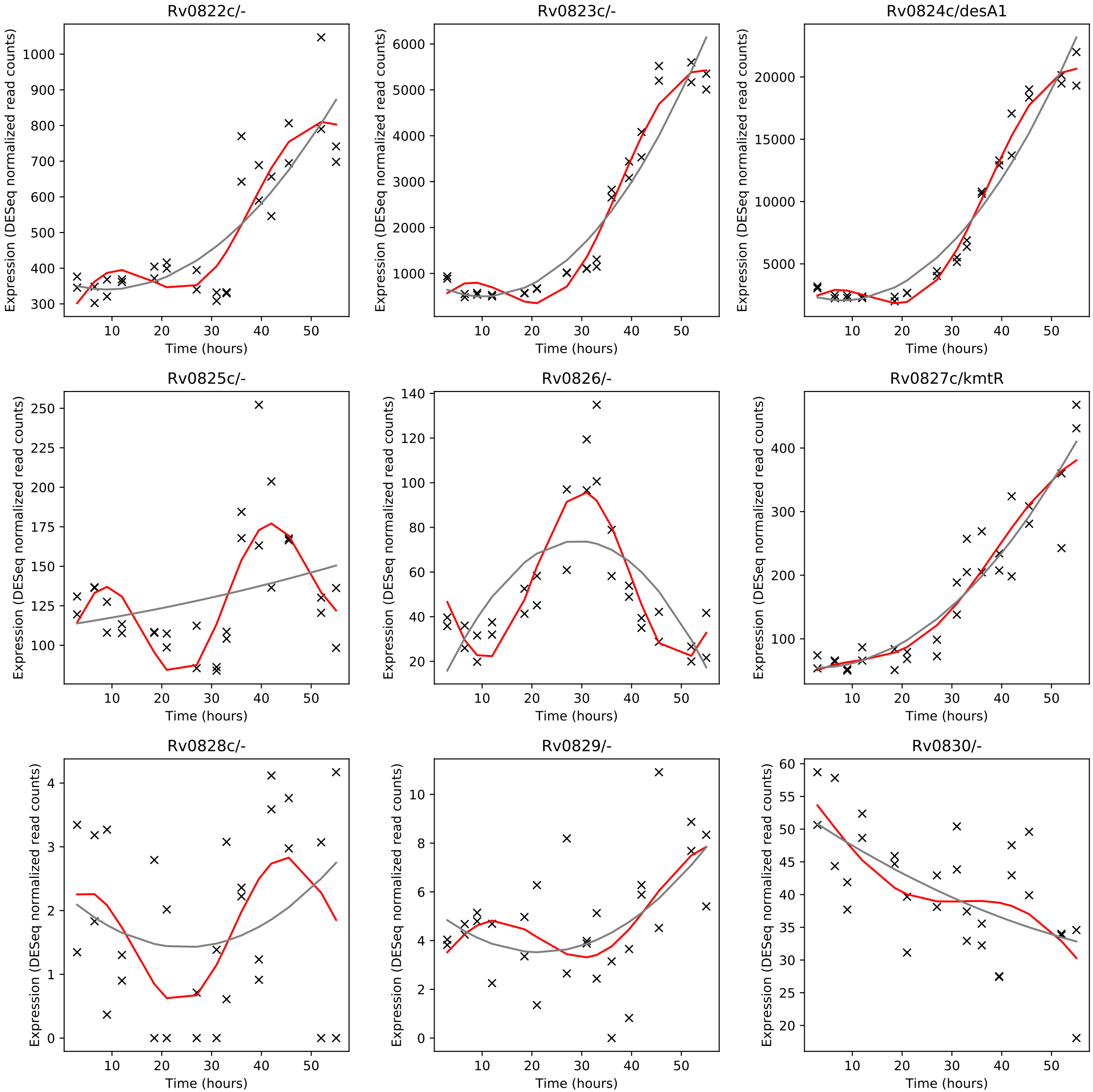

Rv0801/-
Expression (DESeq normalized read counts)
Time (hours)

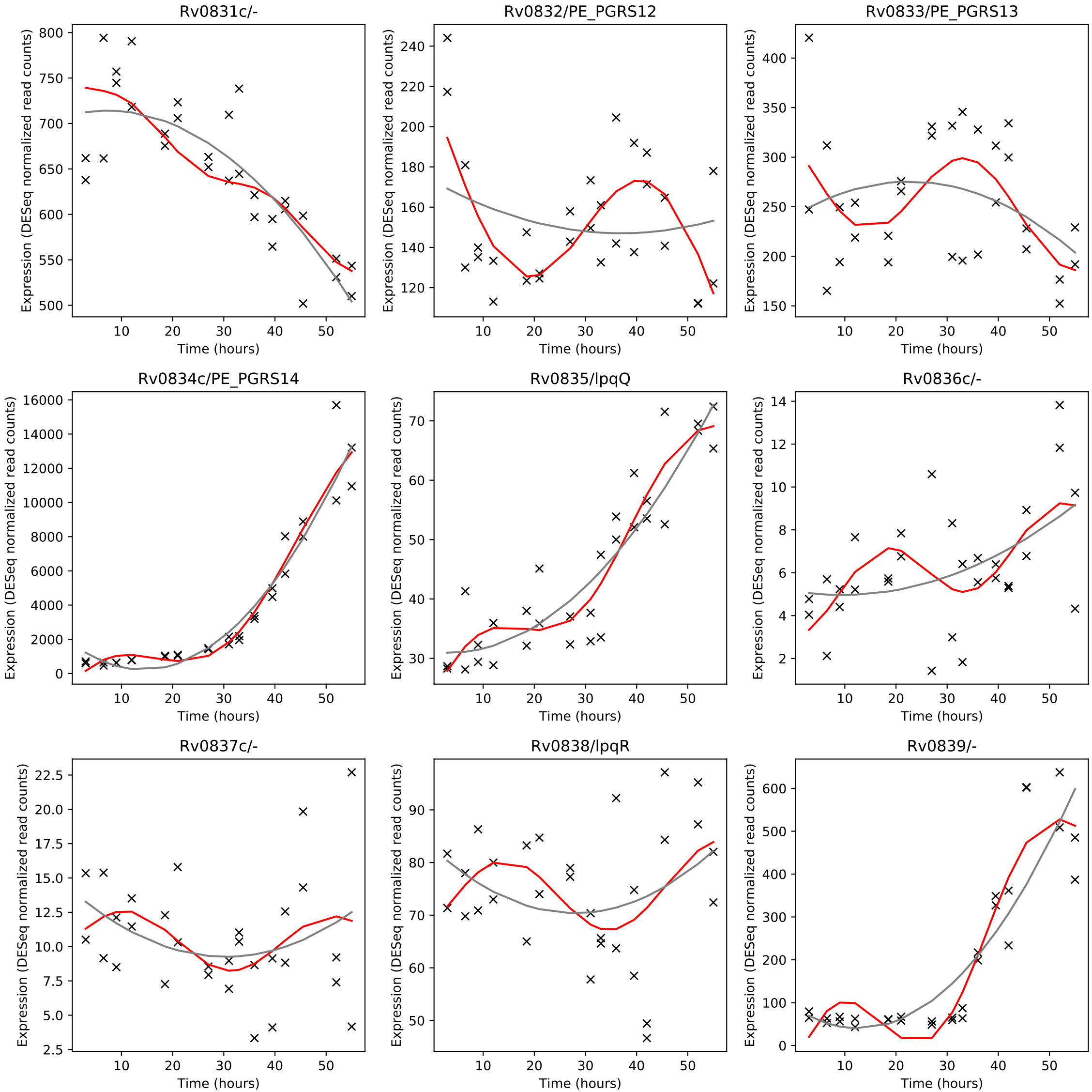

Rv0802c/-
Expression (DESeq normalized read counts)
Time (hours)

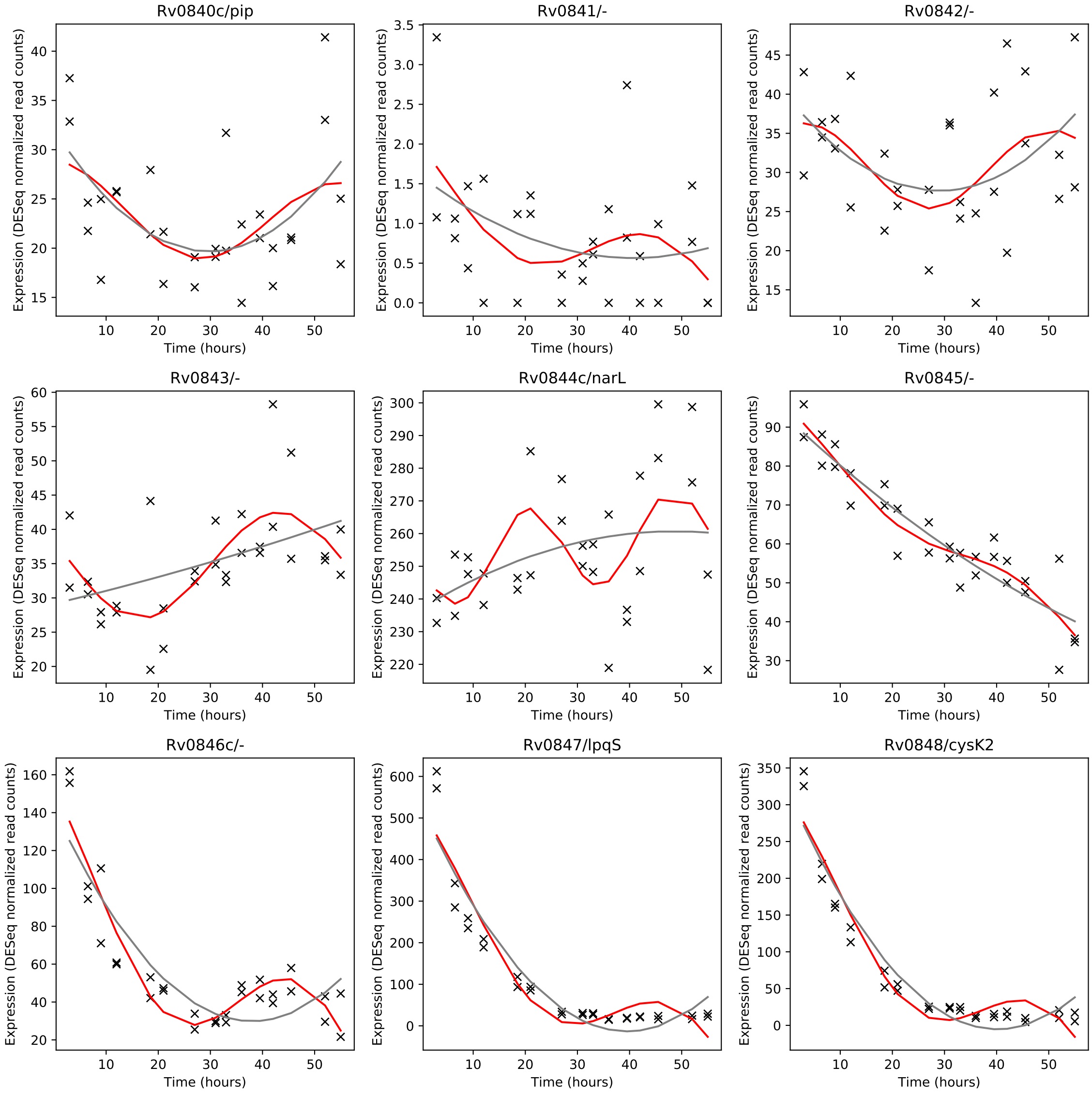

Rv0803/purL
Expression (DESeq normalized read counts)
Time (hours)

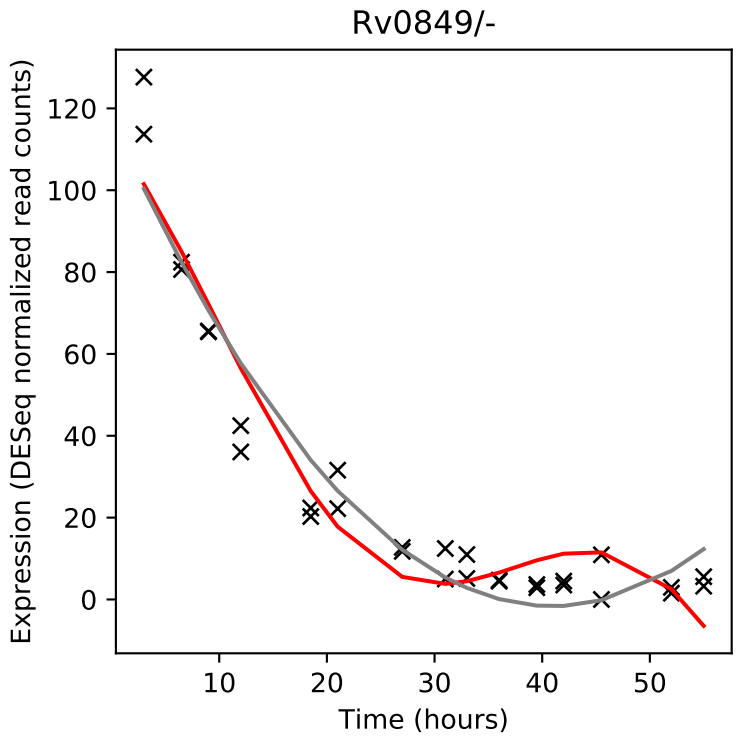

Rv0804/-
Rv0805/-
Rv0806c/cpsY
Rv0807/-
Rv0808/purF
Rv0809/purM
Rv0810c/-
Rv0811c/-
Rv0812/-
Expression (DESeq normalized read counts)
Time (hours)

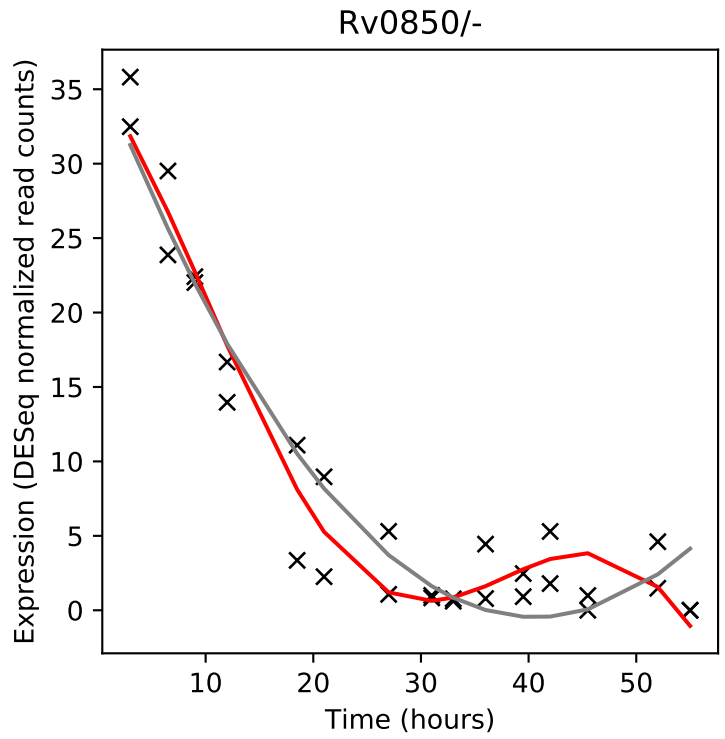

Rv0813c/-
Rv0814c/sseC2
Rv0815c/cysA2
Rv0816c/thiX
Rv0817c/-
Rv0818/-
Rv0819/mshD
Rv0820/phoT
Rv0821c/phoY2
Expression (DESeq normalized read counts)
Time (hours)

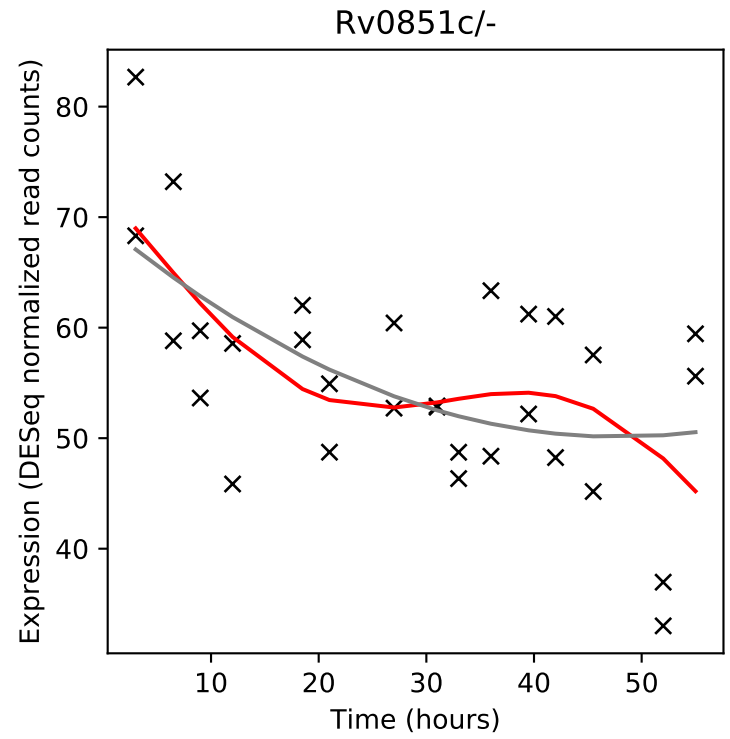

Rv0822c/-
Rv0823c/-
Rv0824c/desA1
Rv0825c/-
Rv0826/-
Rv0827c/kmtR
Rv0828c/-
Rv0829/-
Rv0830/-
Expression (DESeq normalized read counts)
Time (hours)

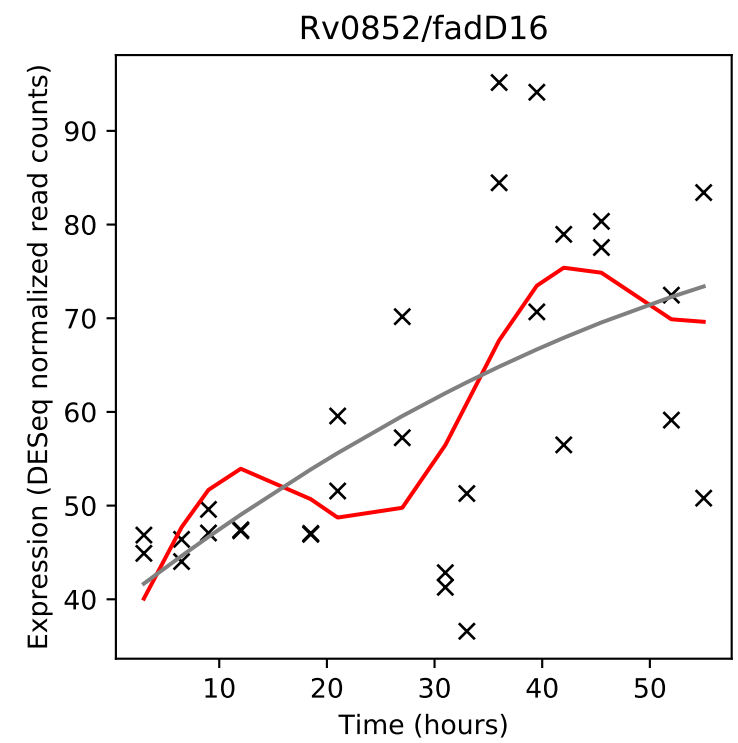

Rv0831c/-
Rv0832/PE_PGRS12
Rv0833/PE_PGRS13
Rv0834c/PE_PGRS14
Rv0835/lpqQ
Rv0836c/-
Rv0837c/-
Rv0838/lpqR
Rv0839/-
Expression (DESeq normalized read counts)
Time (hours)

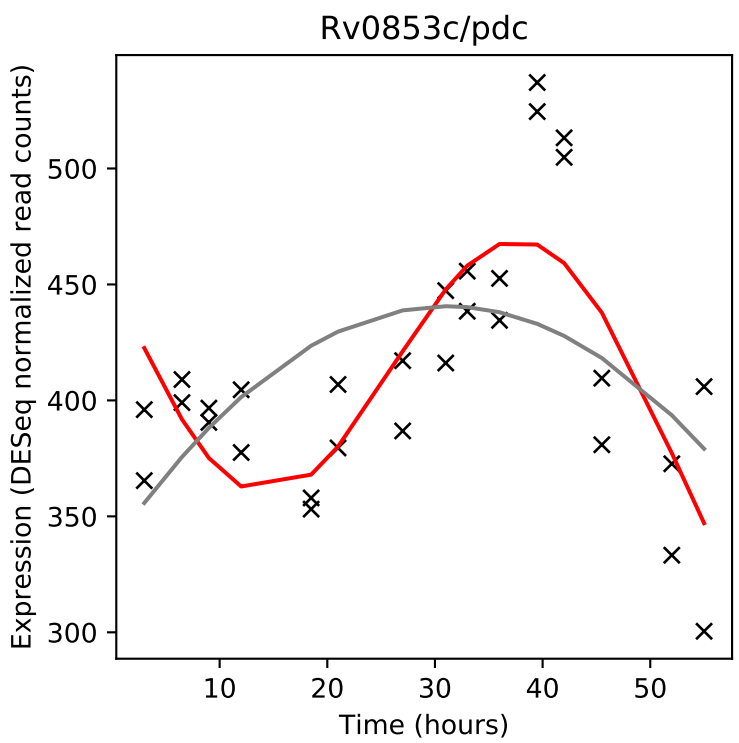

Rv0840c/pip
Rv0841/-
Rv0842/-
Rv0843/-
Rv0844c/narL
Rv0845/-
Rv0846c/-
Rv0847/lpqS
Rv0848/cysK2
Expression (DESeq normalized read counts)
Time (hours)

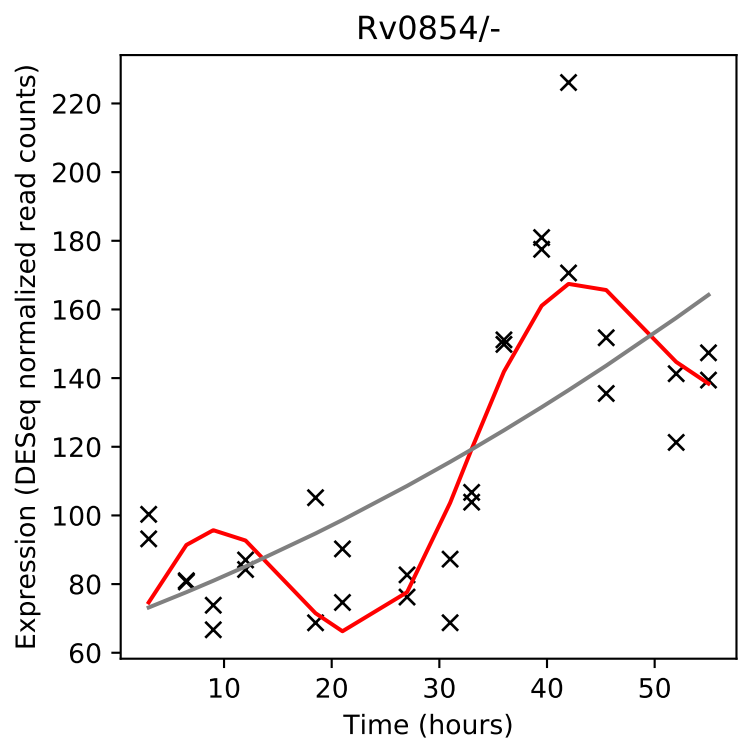

Rv0849/-
Expression (DESeq normalized read counts)
Time (hours)

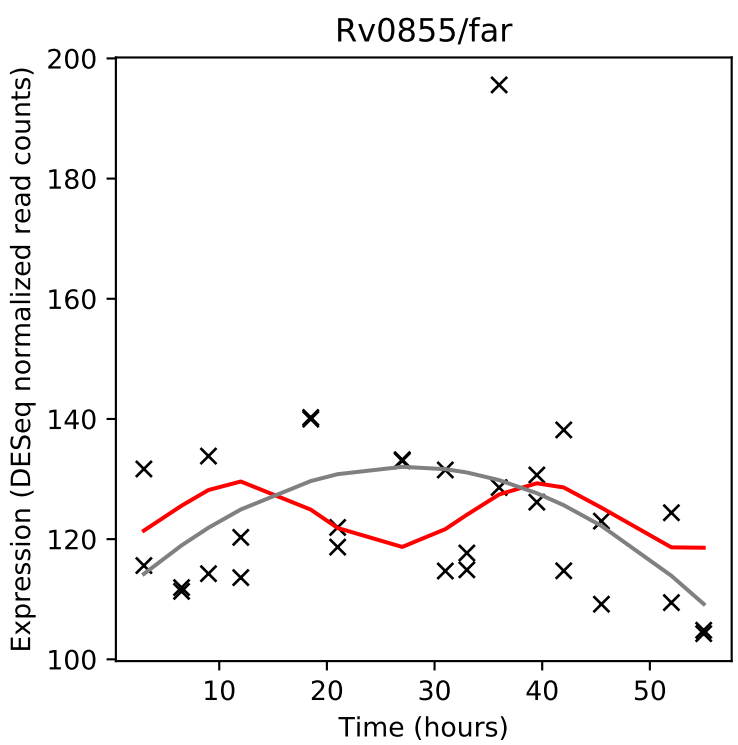

Rv0850/-
Expression (DESeq normalized read counts)
Time (hours)

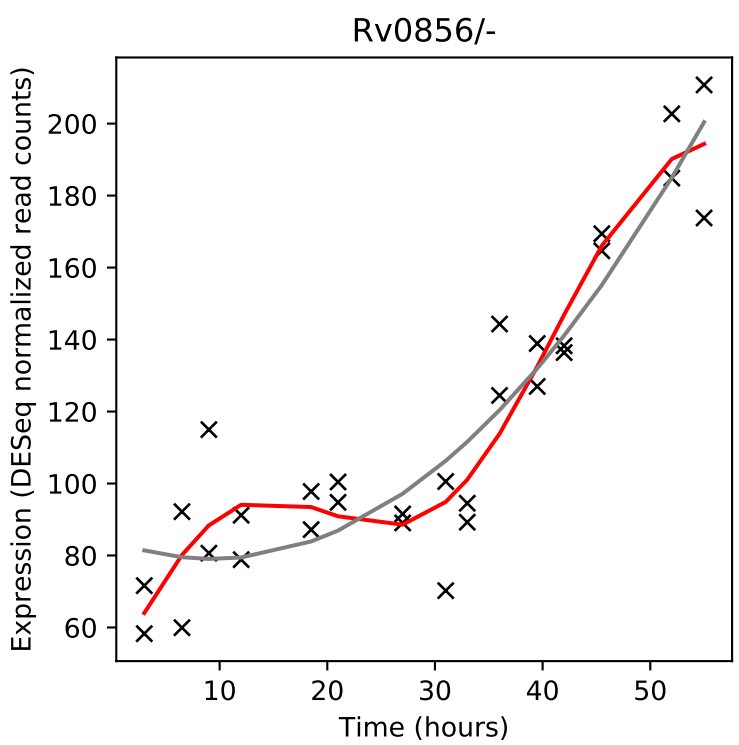

Rv0851c/-
Expression (DESeq normalized read counts)
Time (hours)

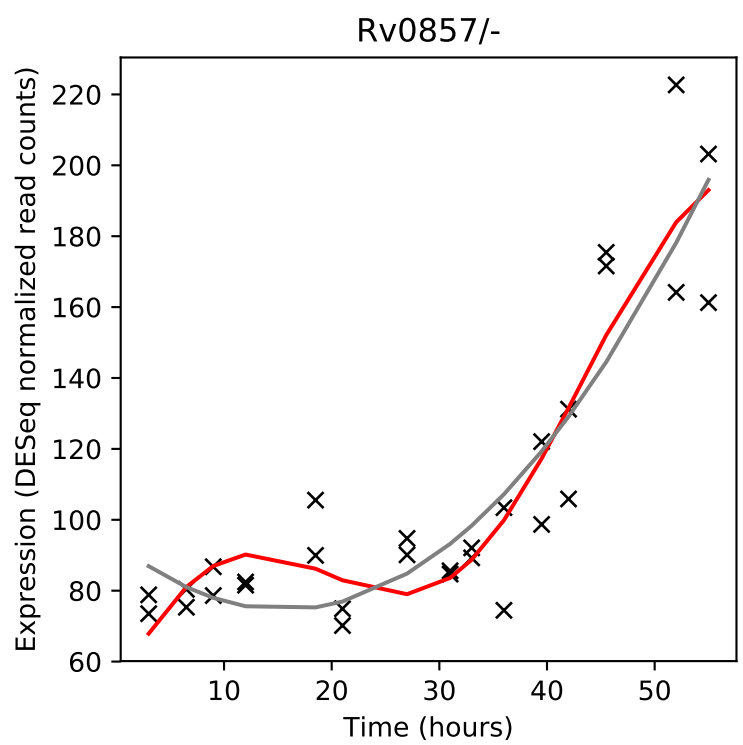

Rv0852/fadD16
Expression (DESeq normalized read counts)
Time (hours)

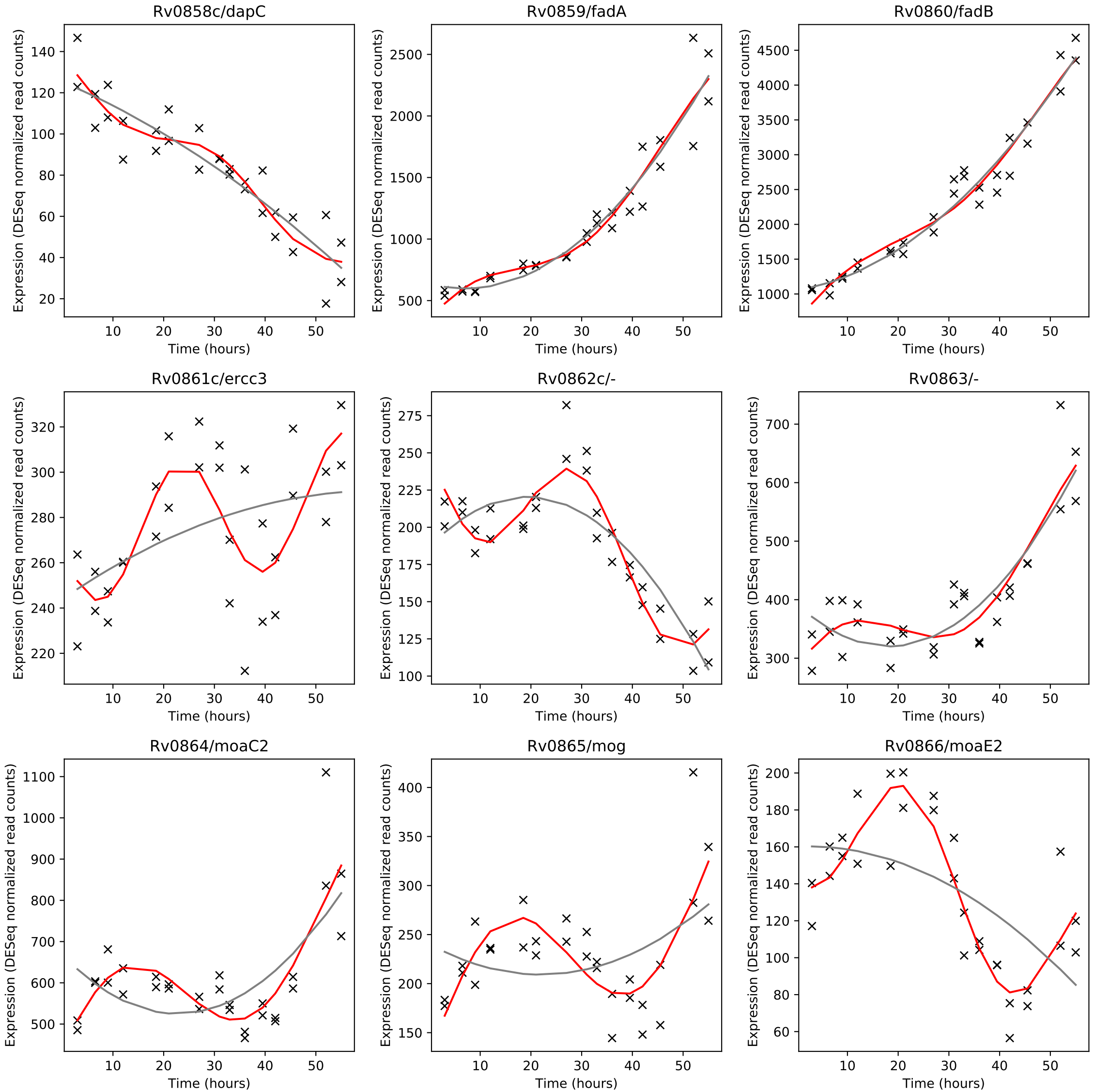

Rv0853c/pdc
Expression (DESeq normalized read counts)
Time (hours)

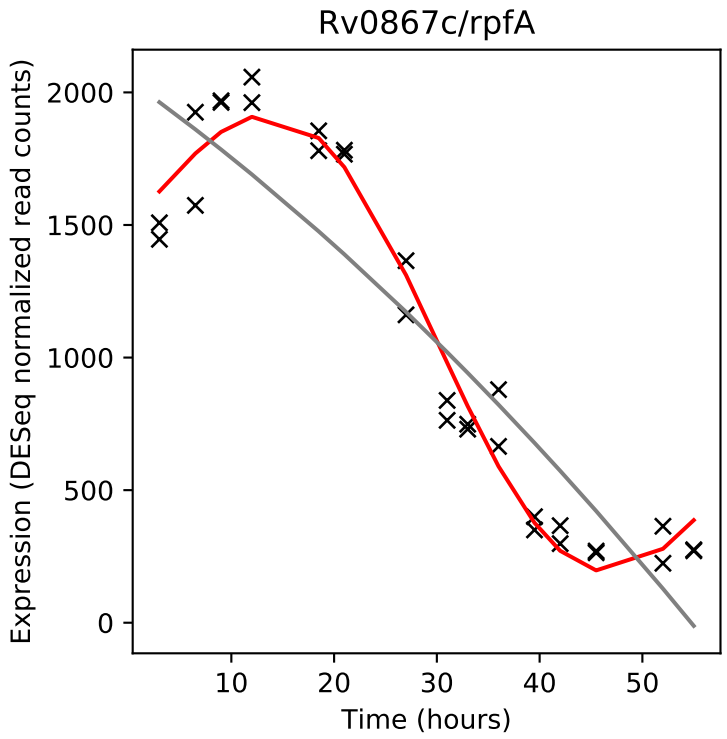

Rv0854/-
Expression (DESeq normalized read counts)
Time (hours)

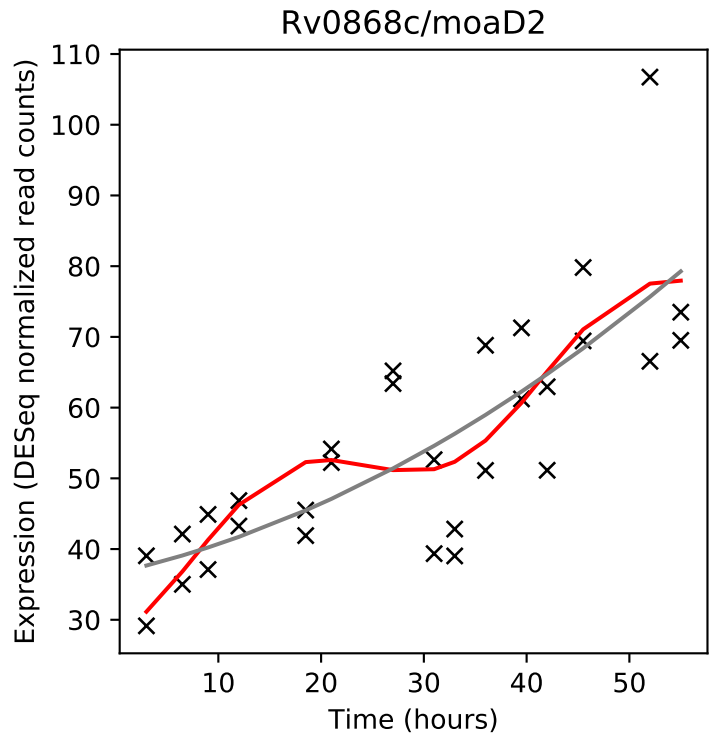

Rv0855/far
Expression (DESeq normalized read counts)
Time (hours)

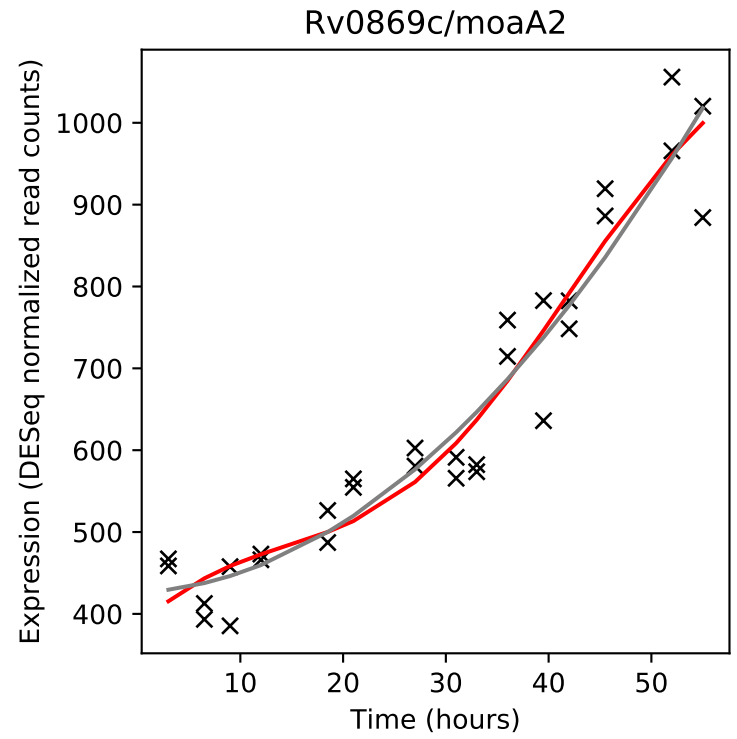

Rv0856/-
Expression (DESeq normalized read counts)
Time (hours)

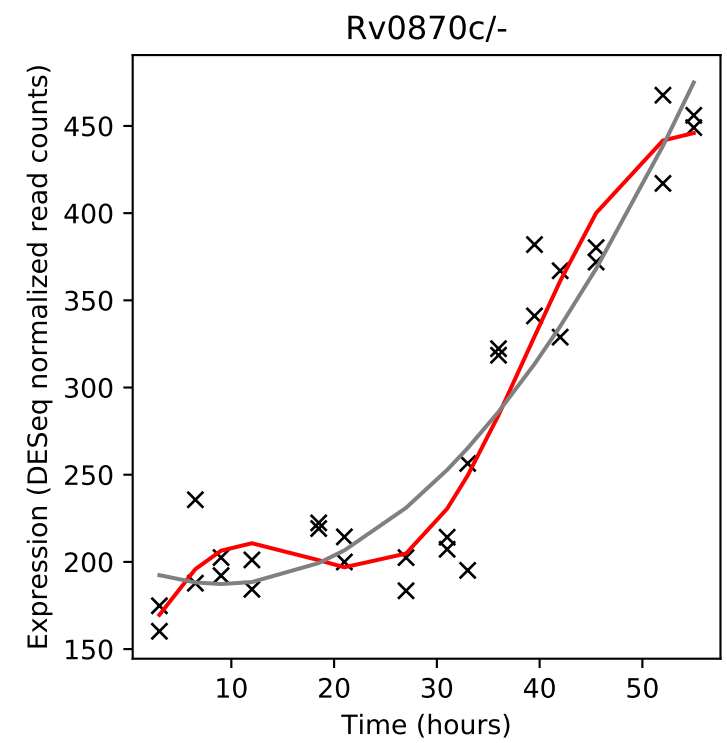

Rv0857/-
Expression (DESeq normalized read counts)
Time (hours)

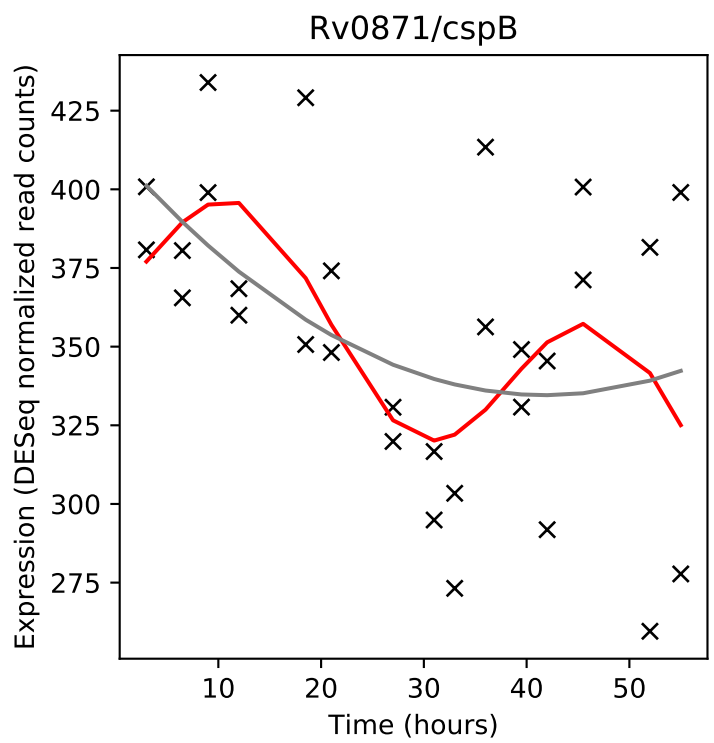

Rv0858c/dapC
Rv0859/fadA
Rv0860/fadB
Rv0861c/ercc3
Rv0862c/-
Rv0863/-
Rv0864/moaC2
Rv0865/mog
Rv0866/moaE2
Expression (DESeq normalized read counts)
Time (hours)

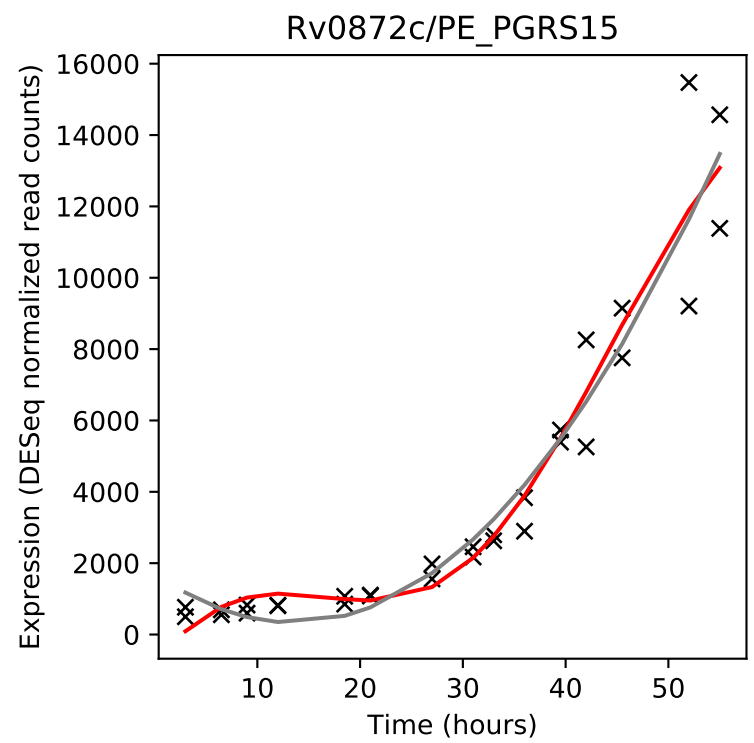

Rv0867c/rpfA
Expression (DESeq normalized read counts)
Time (hours)

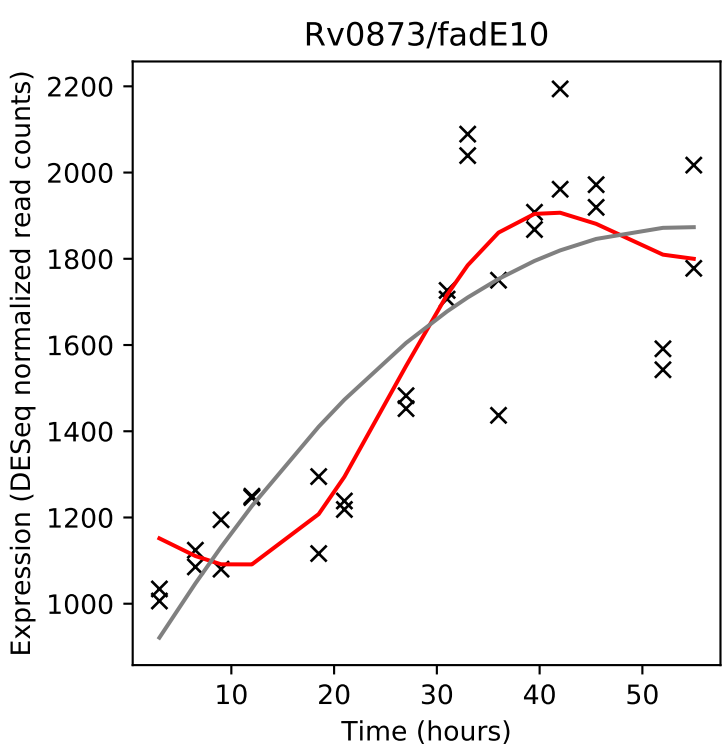

Rv0868c/moaD2
Expression (DESeq normalized read counts)
Time (hours)

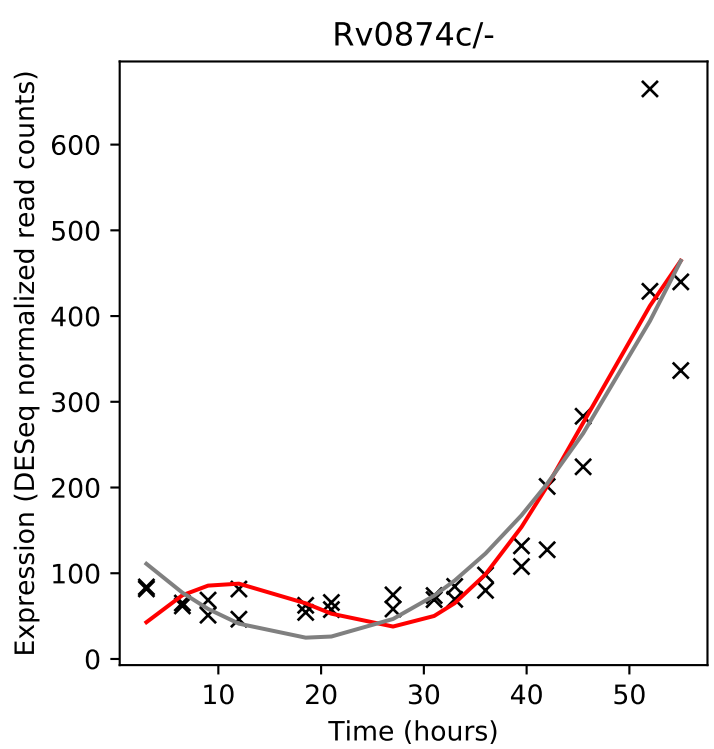

Rv0869c/moaA2
Expression (DESeq normalized read counts)
Time (hours)

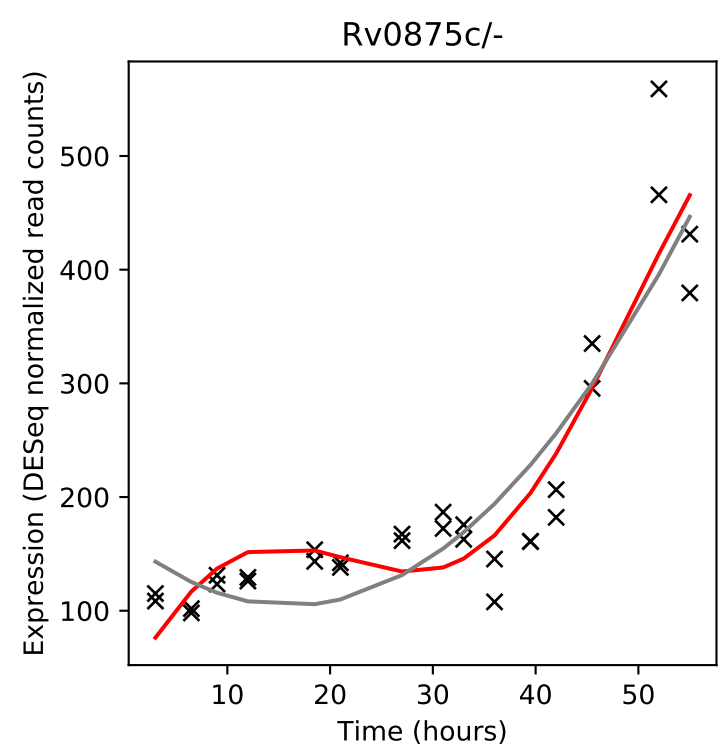

Rv0870c/-
Expression (DESeq normalized read counts)
Time (hours)

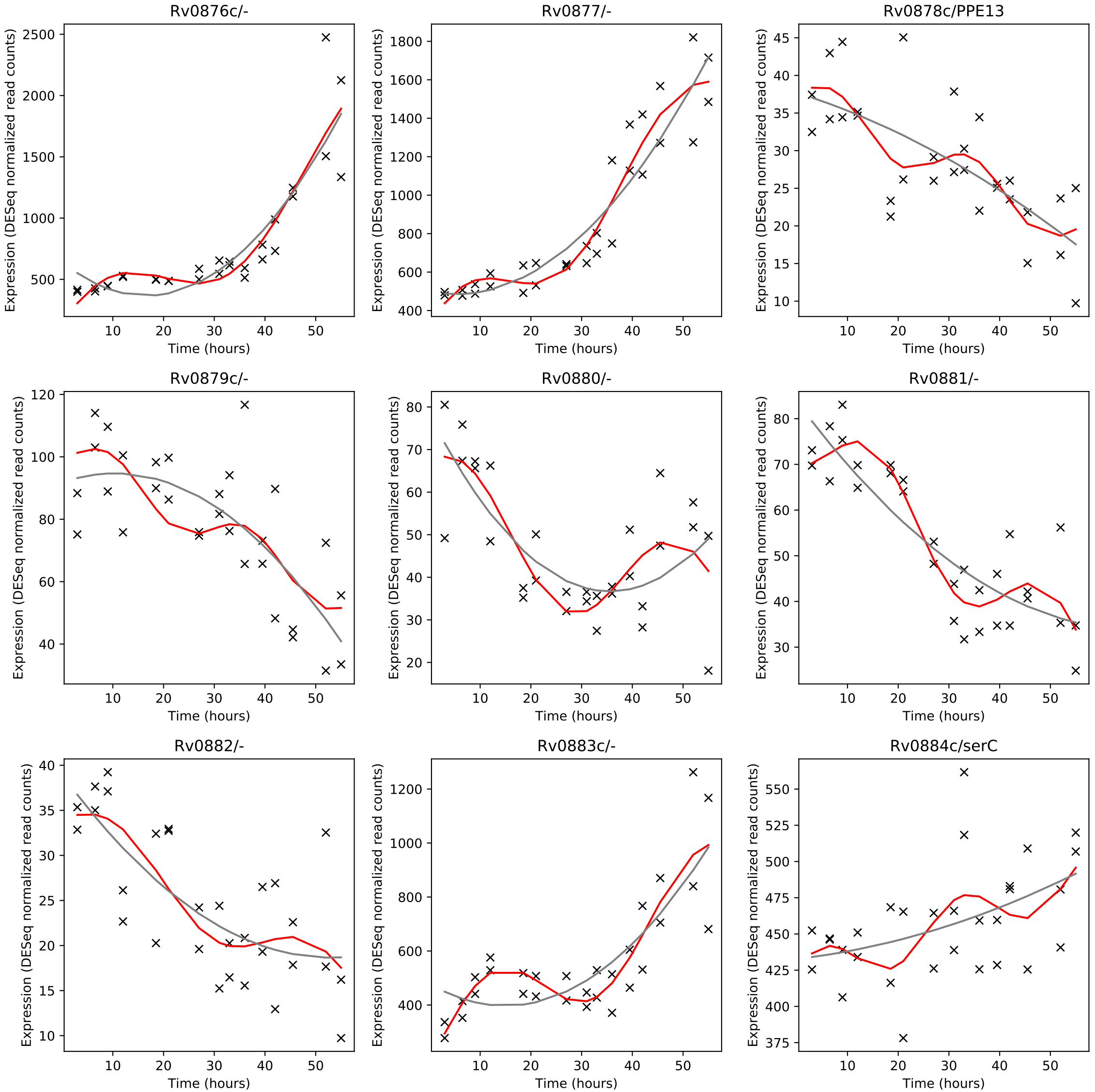

Rv0871/cspB
Expression (DESeq normalized read counts)
Time (hours)

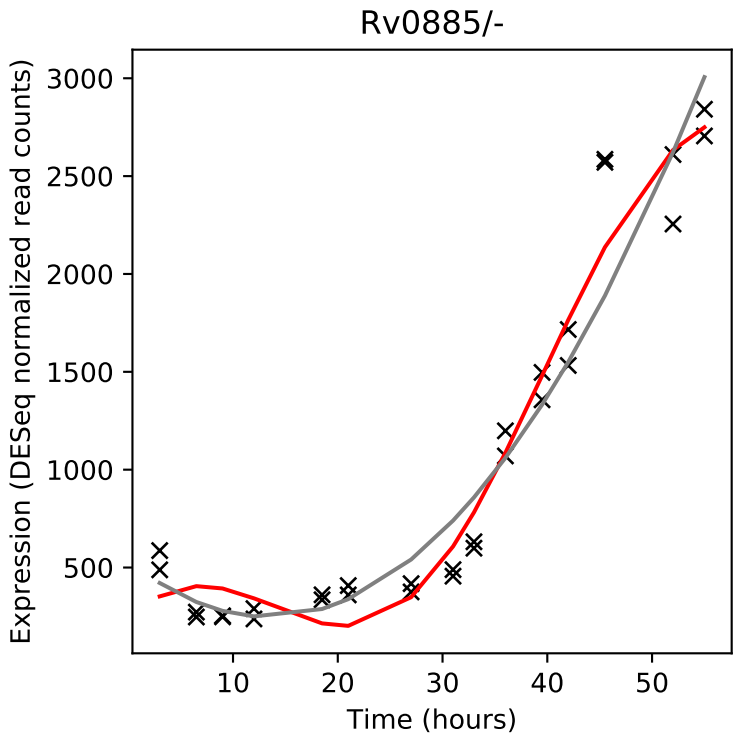

Rv0872c/PE_PGRS15
Expression (DESeq normalized read counts)
Time (hours)

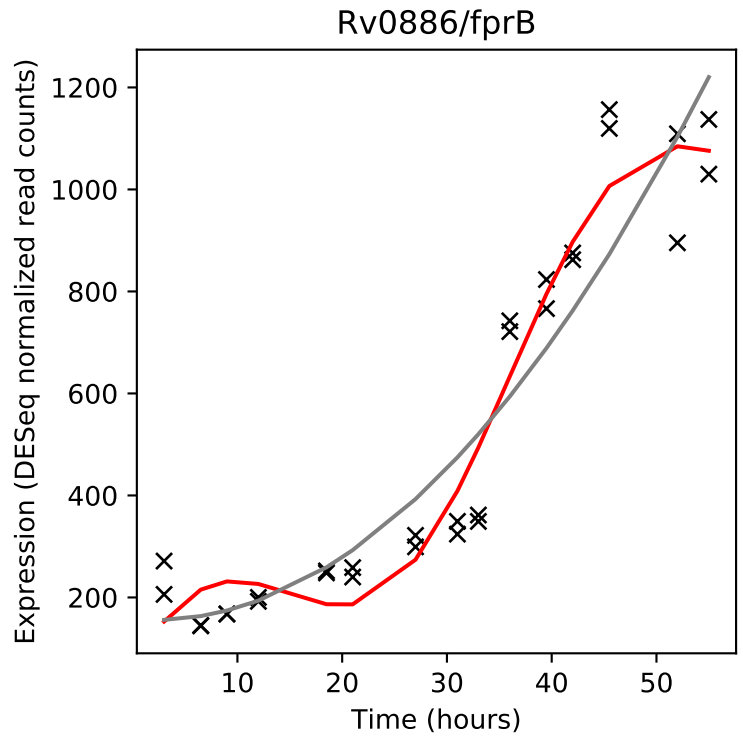

Rv0873/fadE10
Expression (DESeq normalized read counts)
Time (hours)

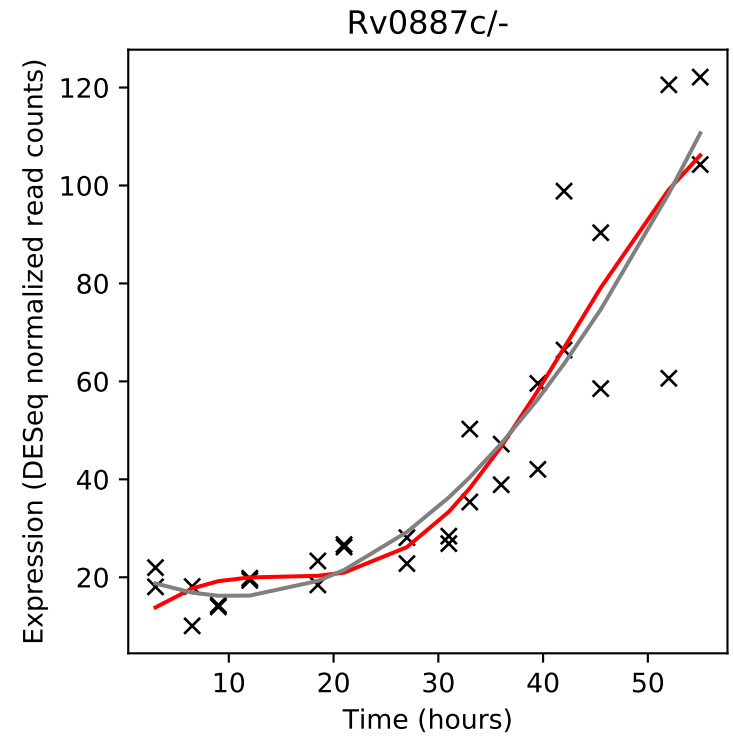

Rv0874c/-
Expression (DESeq normalized read counts)
Time (hours)

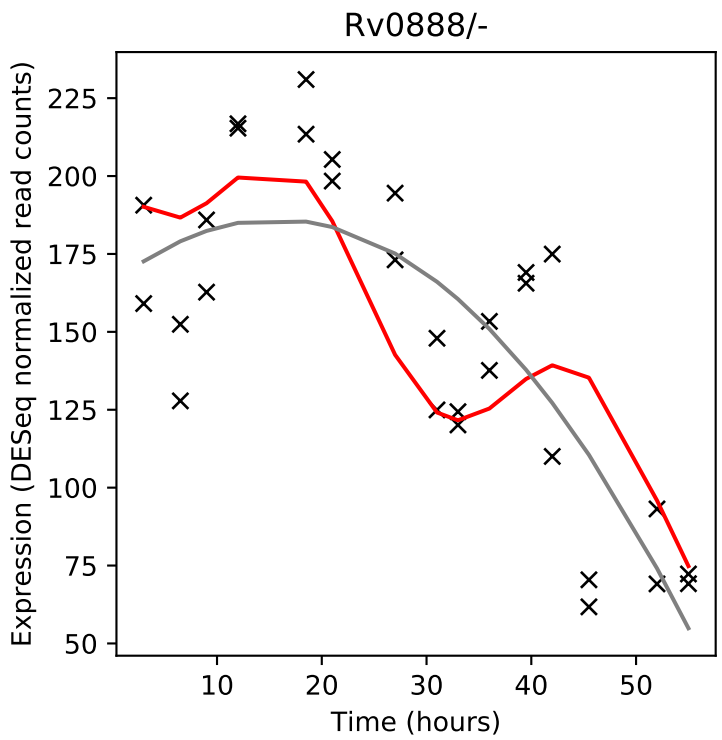

Rv0875c/-
Expression (DESeq normalized read counts)
Time (hours)

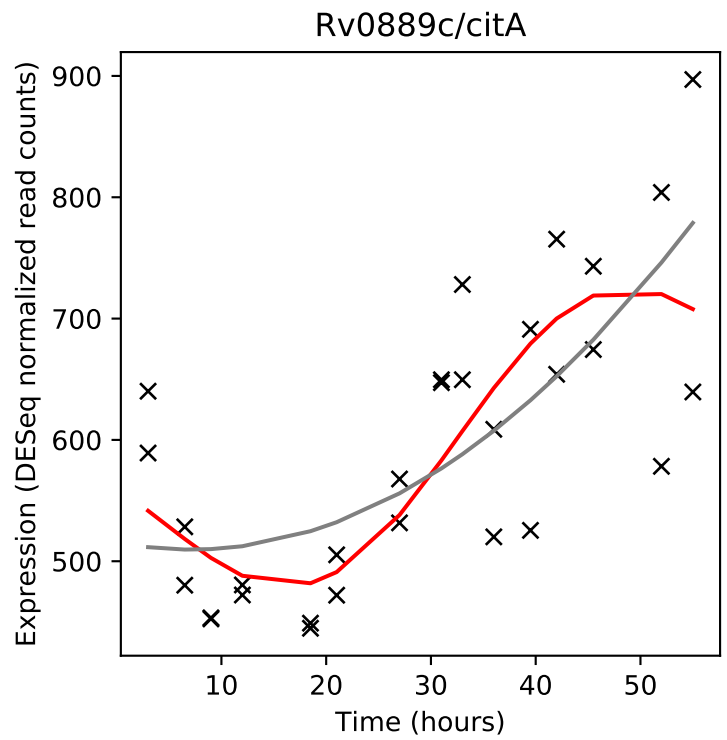

Rv0876c/-
Rv0877/-
Rv0878c/PPE13
Rv0879c/-
Rv0880/-
Rv0881/-
Rv0882/-
Rv0883c/-
Rv0884c/serC
Expression (DESeq normalized read counts)
Time (hours)

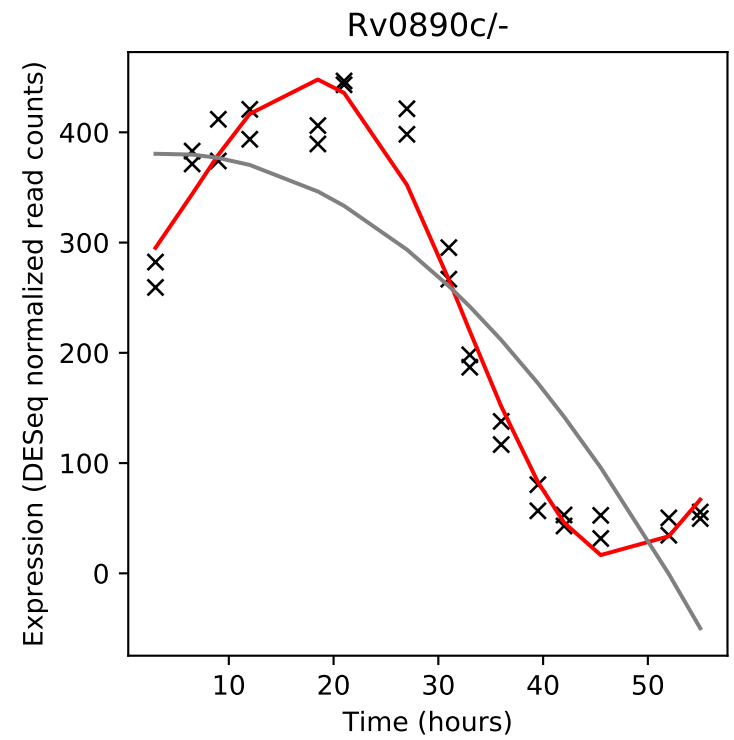

Rv0885/-
Expression (DESeq normalized read counts)
Time (hours)

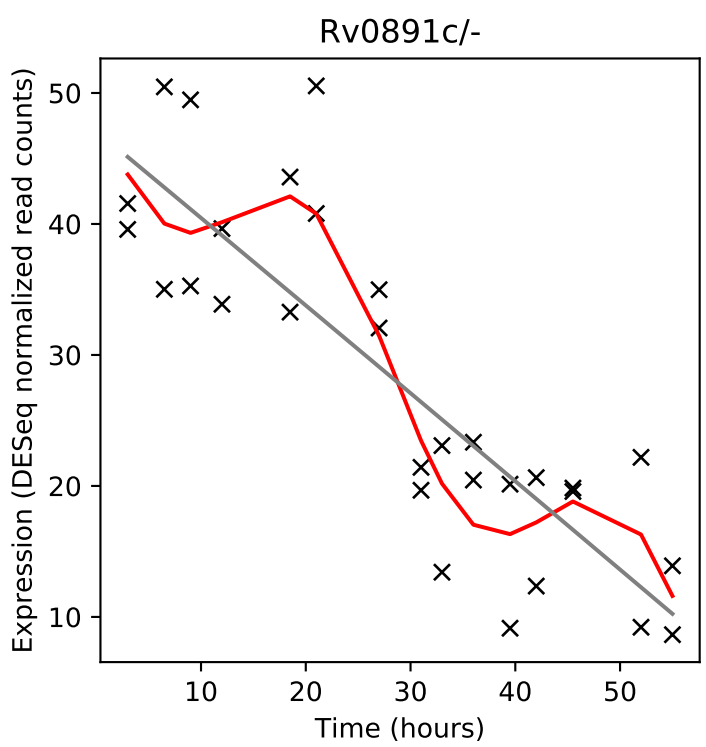

Rv0886/fprB
Expression (DESeq normalized read counts)
Time (hours)

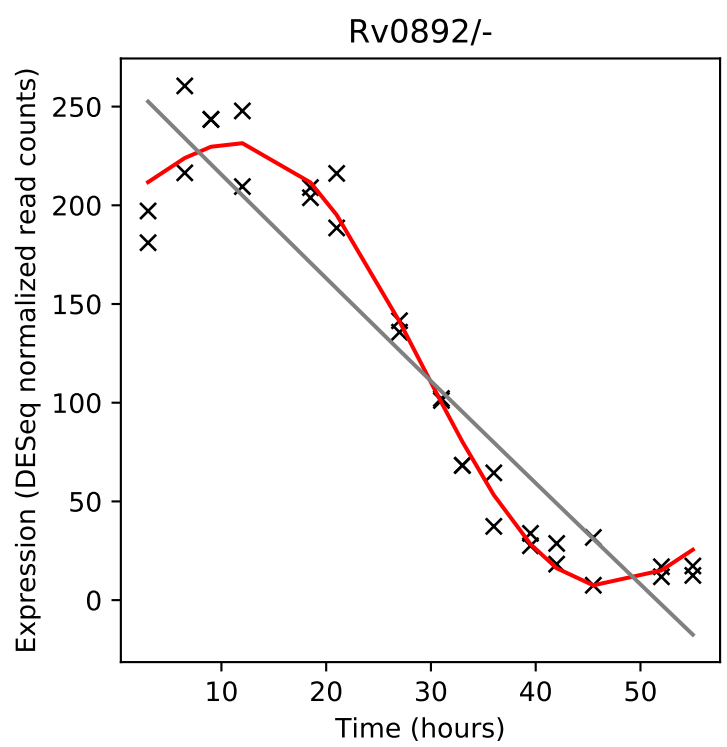

Rv0887c/-
Expression (DESeq normalized read counts)
Time (hours)

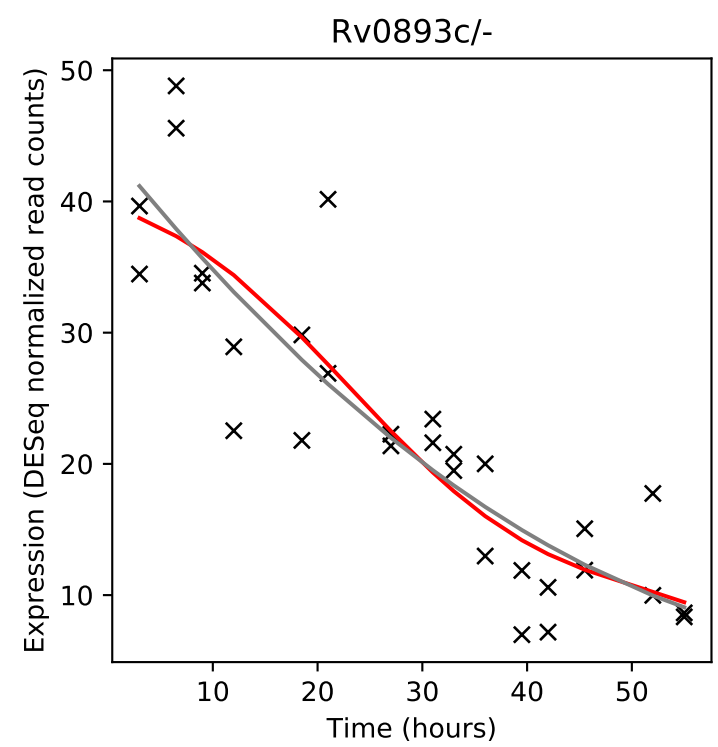

Rv0888/-
Expression (DESeq normalized read counts)
Time (hours)

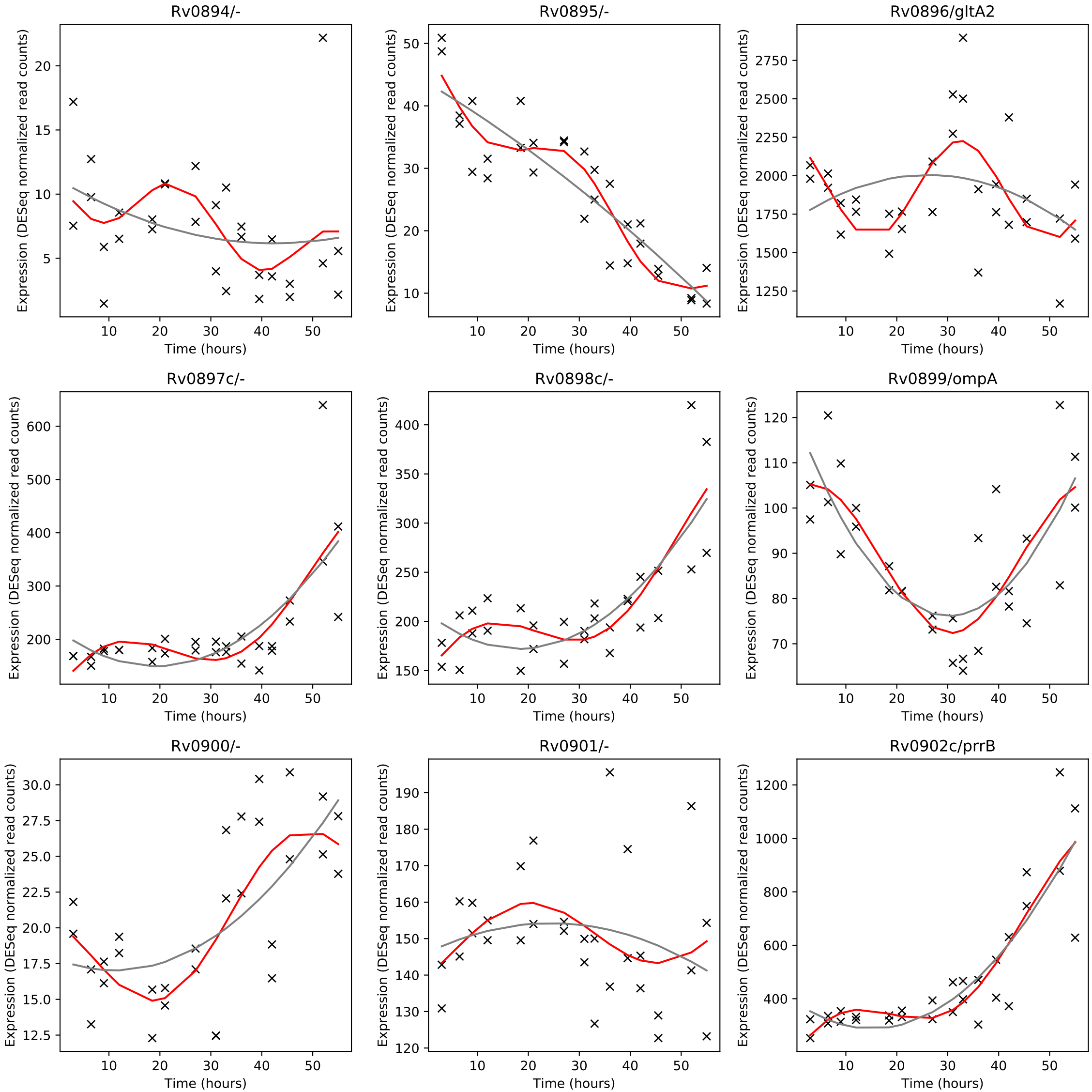

Rv0889c/citA
Expression (DESeq normalized read counts)
Time (hours)

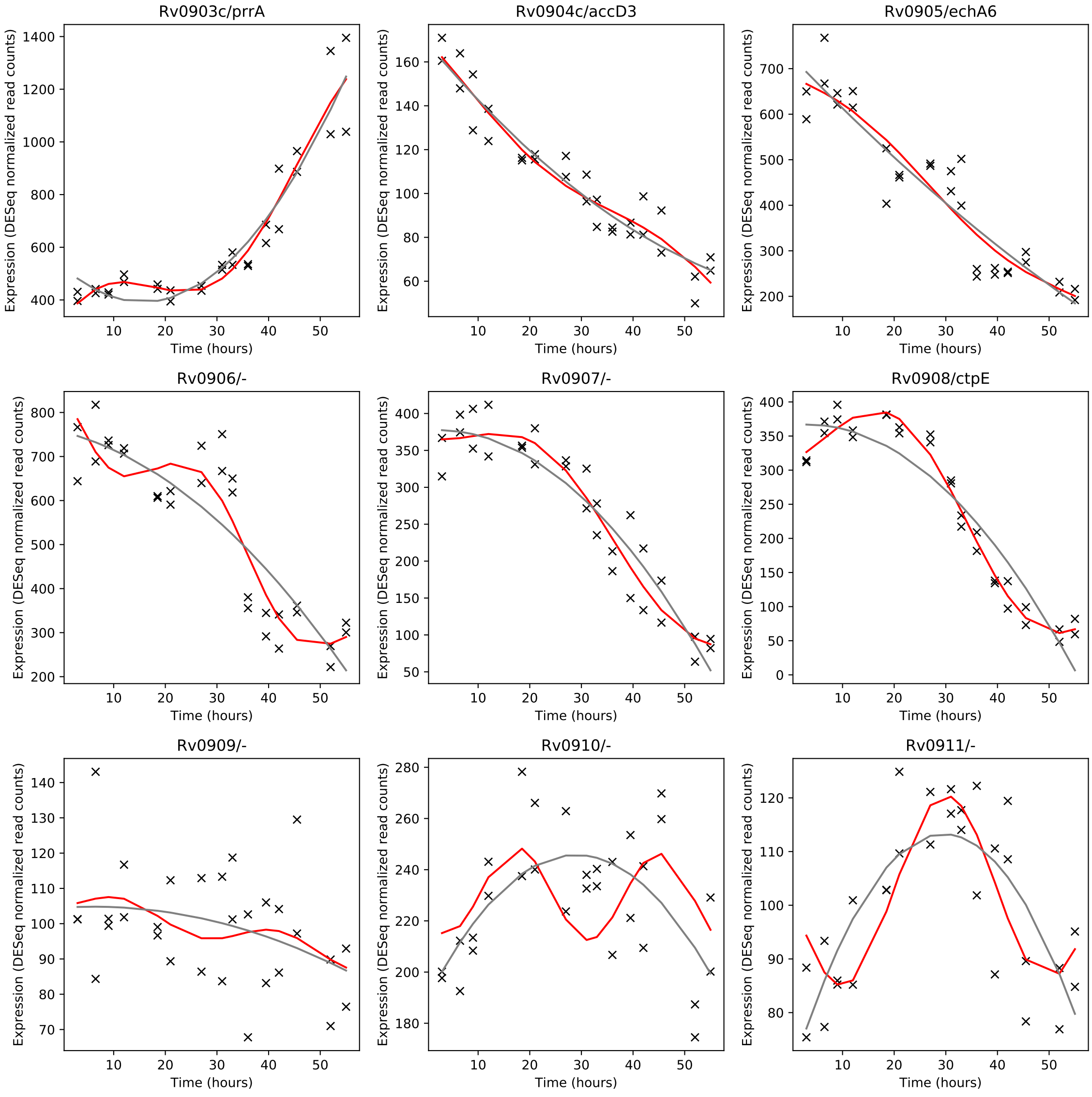

Rv0890c/-
Expression (DESeq normalized read counts)
Time (hours)

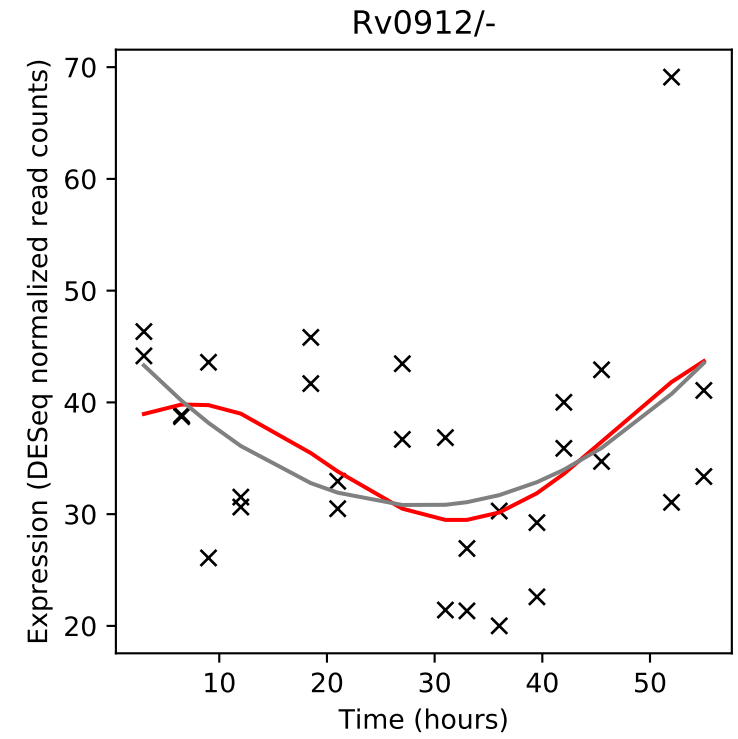

Rv0891c/-
Expression (DESeq normalized read counts)
Time (hours)

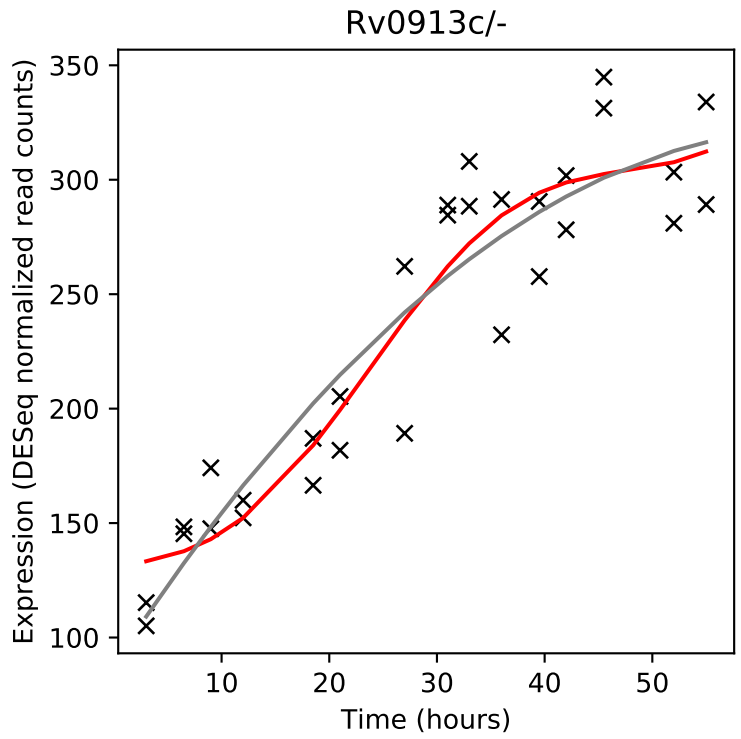

Rv0892/-
Expression (DESeq normalized read counts)
Time (hours)

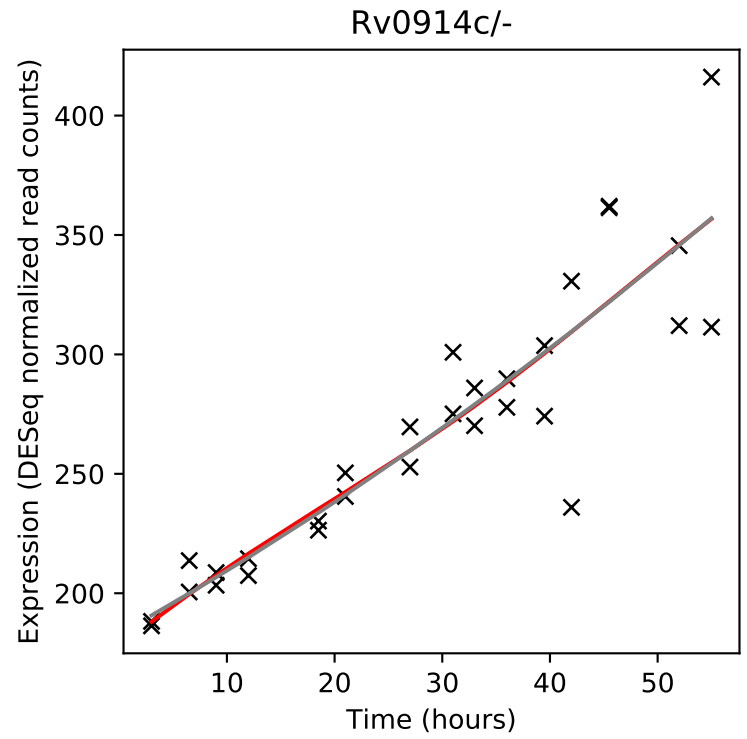

Rv0893c/-
Expression (DESeq normalized read counts)
Time (hours)

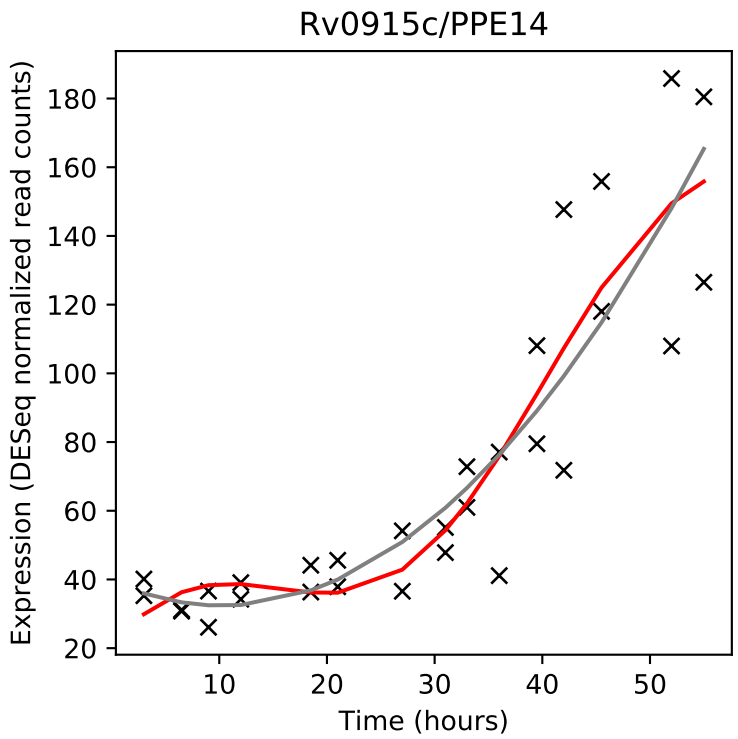

Rv0894/-
Rv0895/-
Rv0896/gltA2
Rv0897c/-
Rv0898c/-
Rv0899/ompA
Rv0900/-
Rv0901/-
Rv0902c/prrB
Expression (DESeq normalized read counts)
Time (hours)

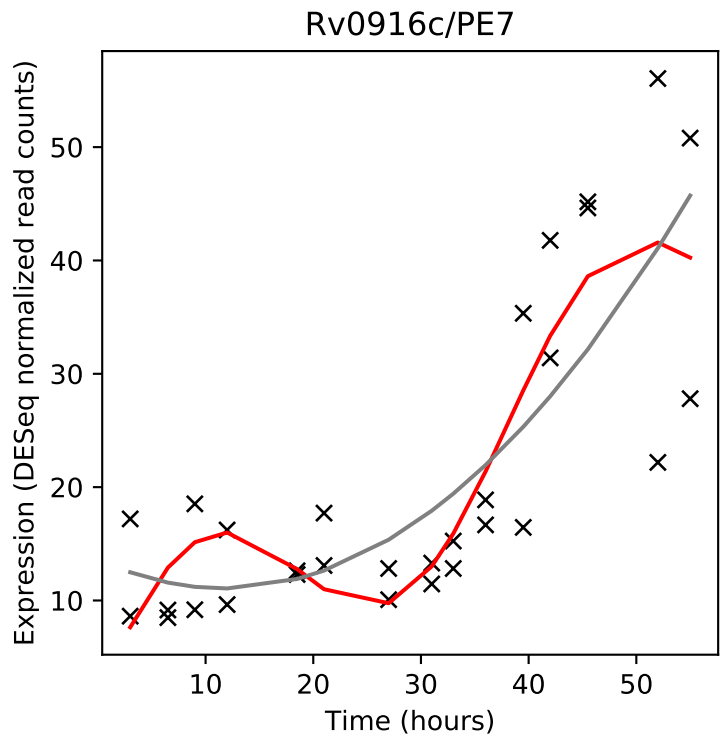

Rv0903c/prrA
Rv0904c/accD3
Rv0905/echA6
Rv0906/-
Rv0907/-
Rv0908/ctpE
Rv0909/-
Rv0910/-
Rv0911/-
Expression (DESeq normalized read counts)
Time (hours)

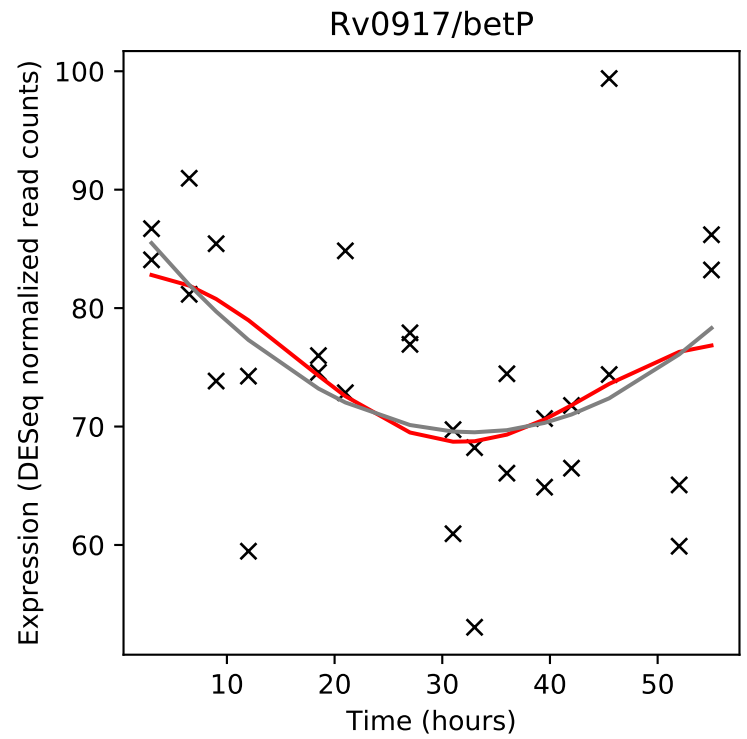

Rv0912/-
Expression (DESeq normalized read counts)
Time (hours)

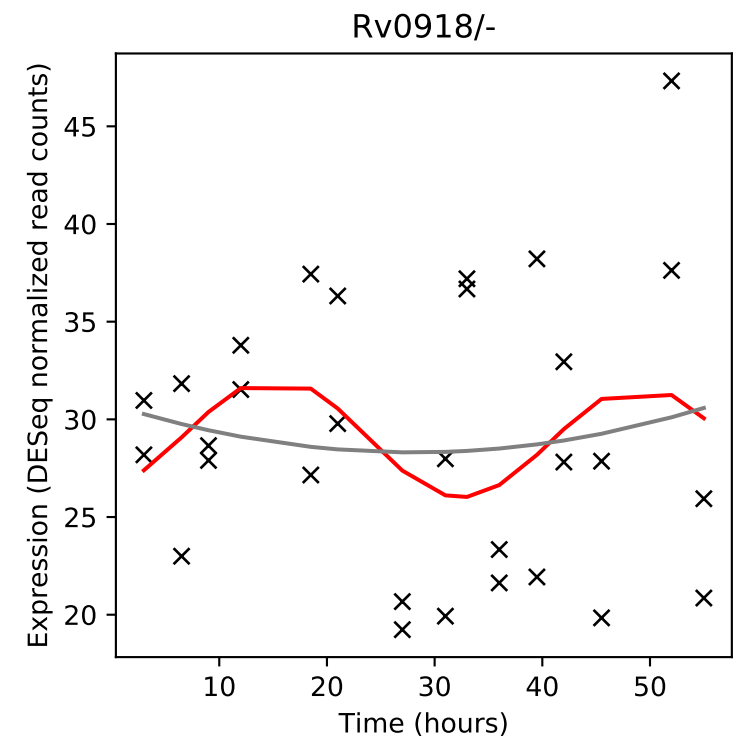

Rv0913c/-
Expression (DESeq normalized read counts)
Time (hours)

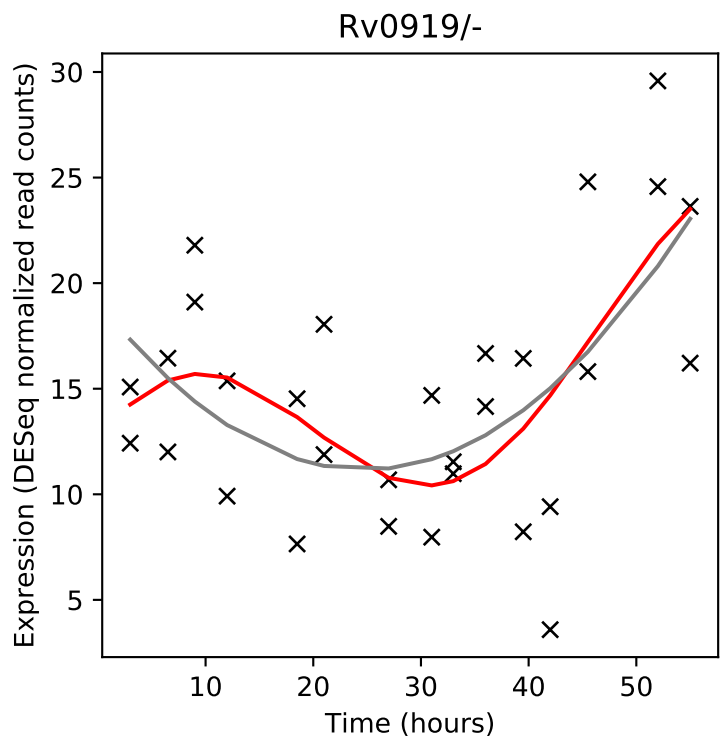

Rv0914c/-
Expression (DESeq normalized read counts)
Time (hours)

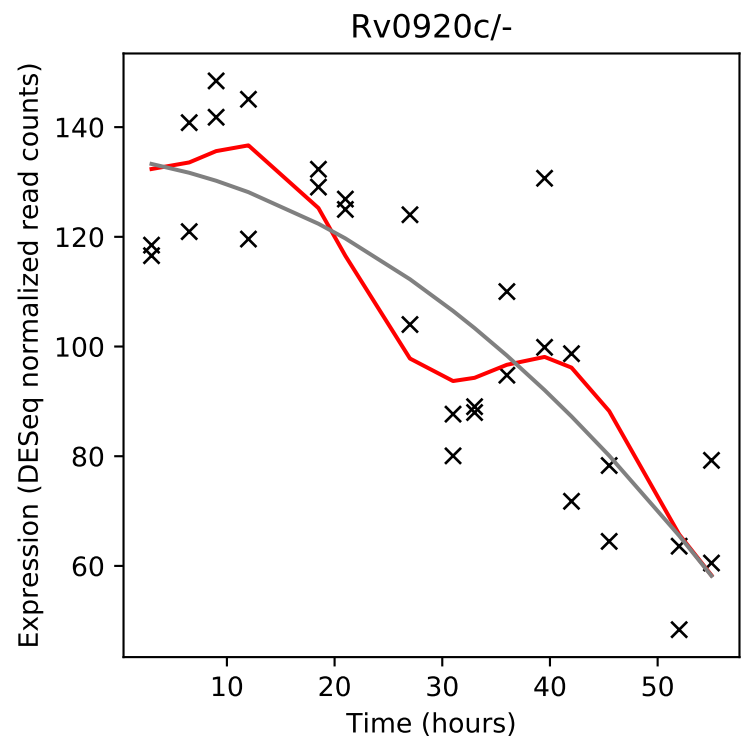

Rv0915c/PPE14
Expression (DESeq normalized read counts)
Time (hours)

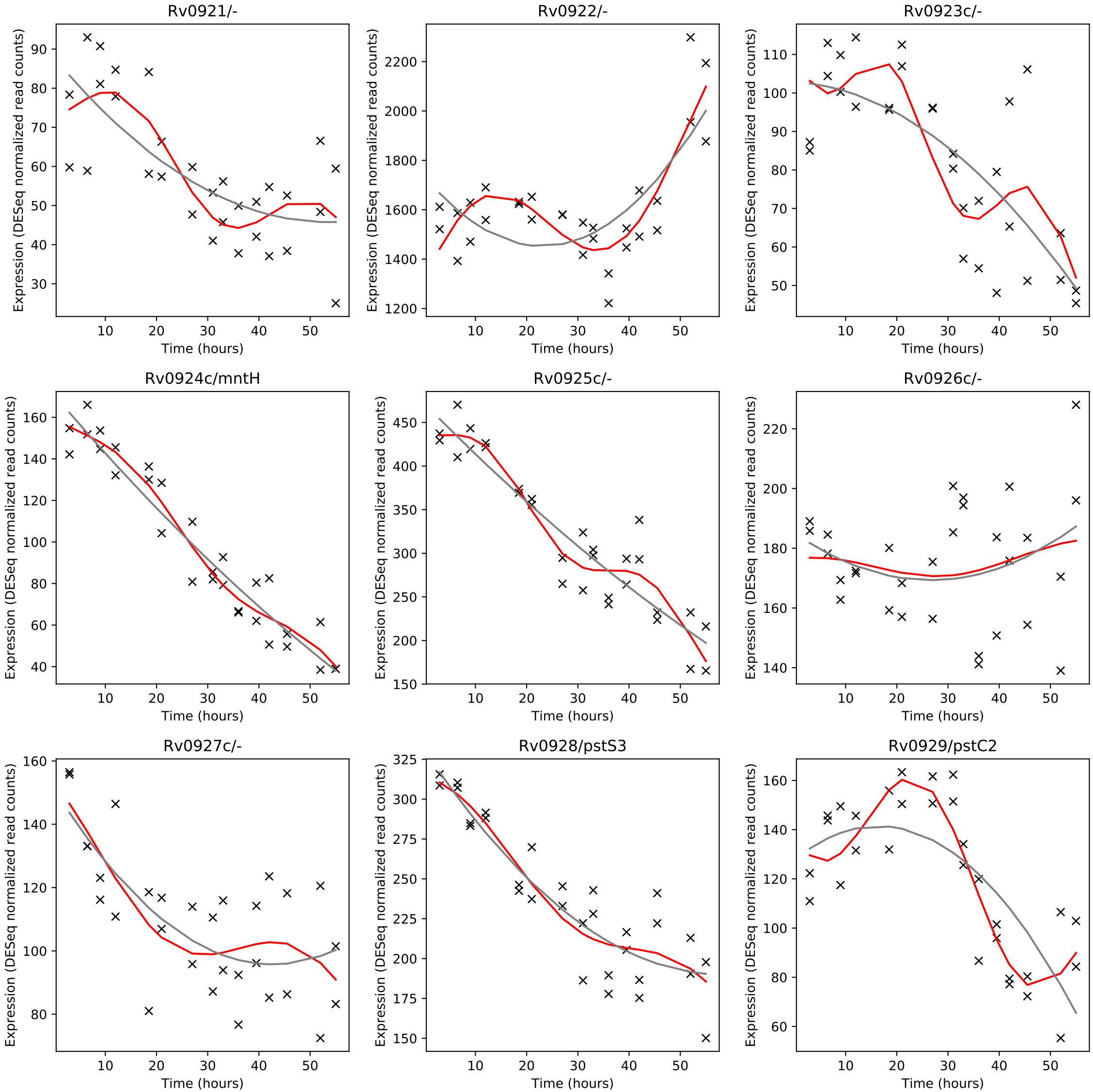

Rv0916c/PE7
Expression (DESeq normalized read counts)
Time (hours)

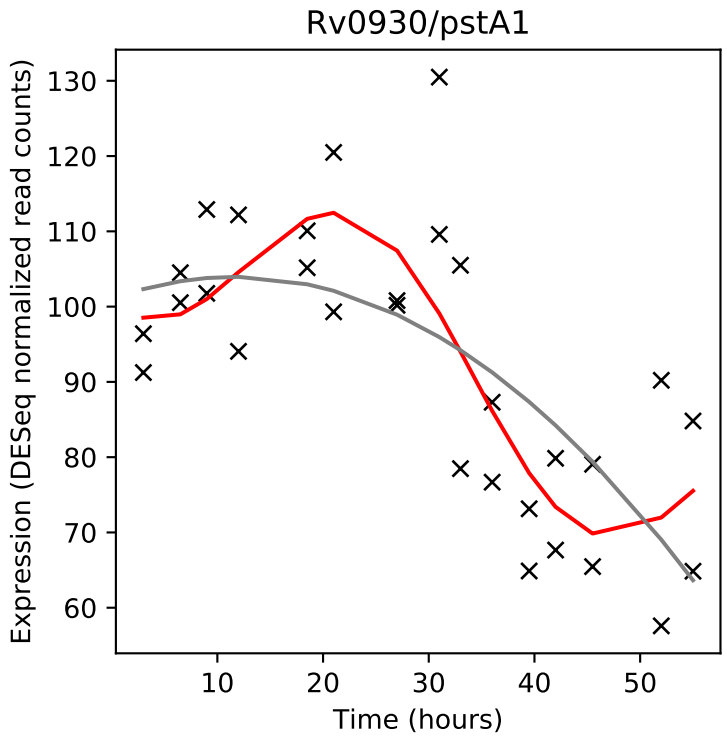

Rv0917/betP
Expression (DESeq normalized read counts)
Time (hours)

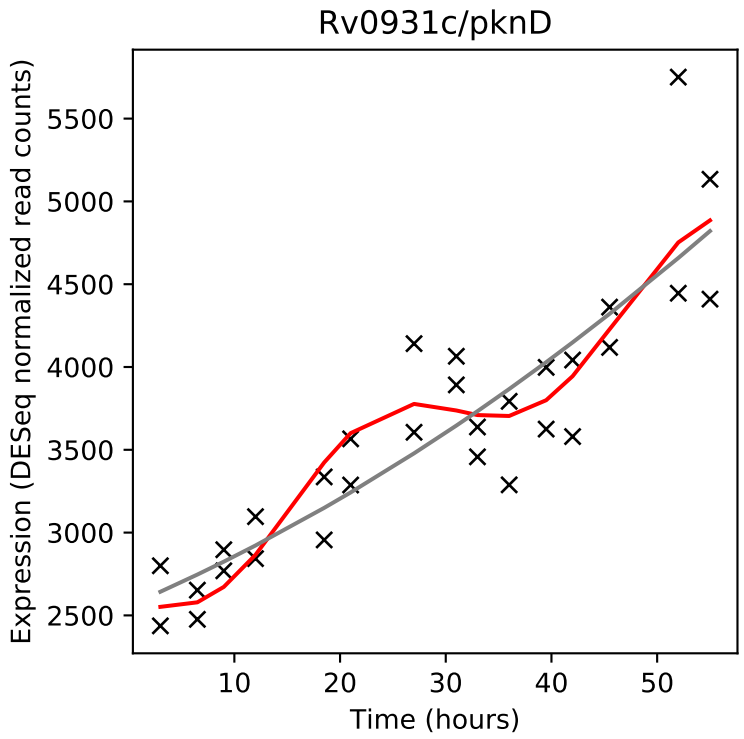

Rv0918/-
Expression (DESeq normalized read counts)
Time (hours)

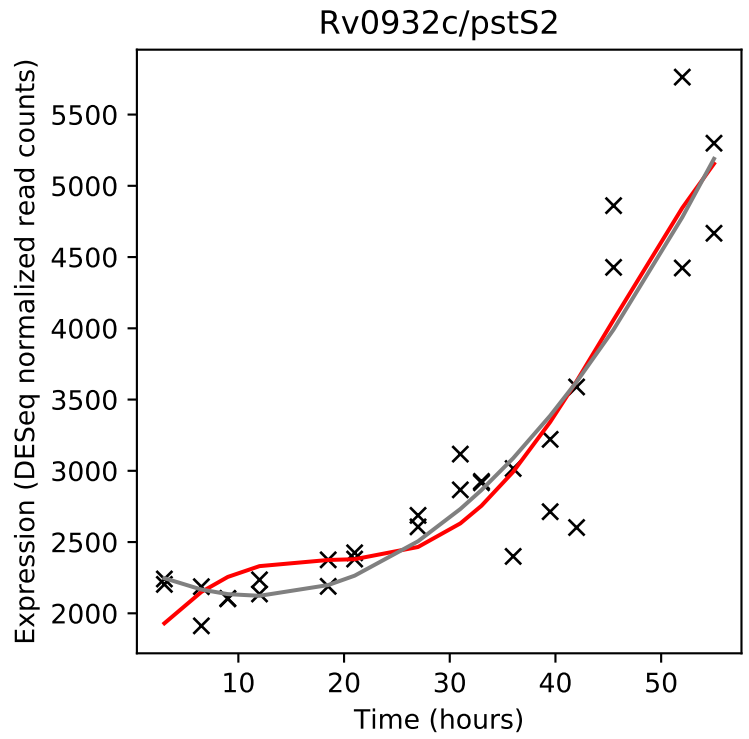

Rv0919/-
Expression (DESeq normalized read counts)
Time (hours)

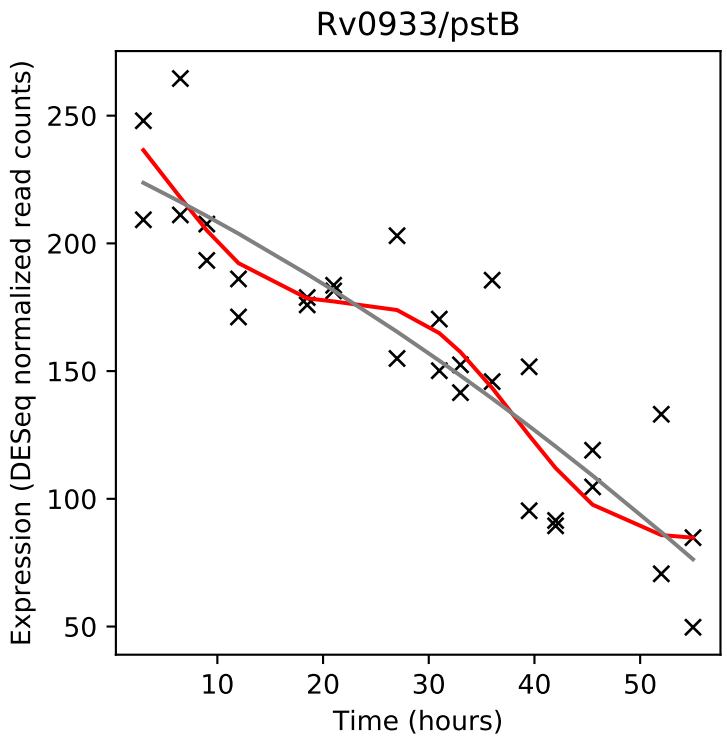

Rv0920c/-
Expression (DESeq normalized read counts)
Time (hours)

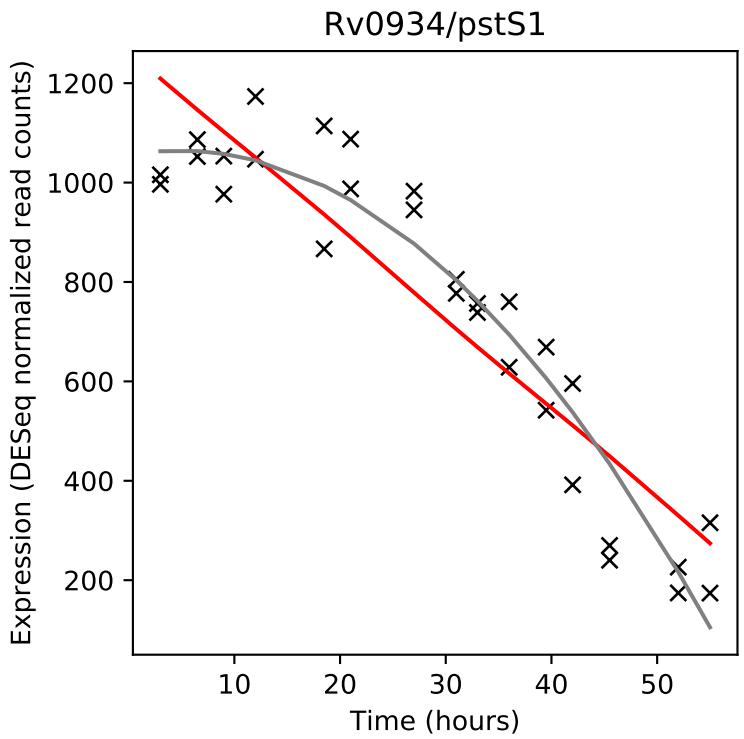

Rv0921/-
Rv0922/-
Rv0923c/-
Rv0924c/mntH
Rv0925c/-
Rv0926c/-
Rv0927c/-
Rv0928/pstS3
Rv0929/pstC2
Expression (DESeq normalized read counts)
Time (hours)

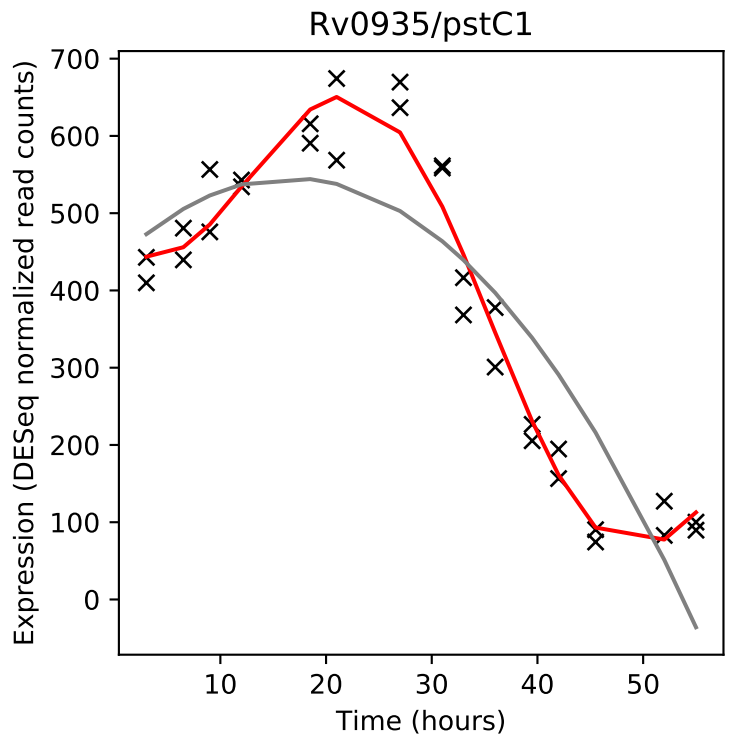

Rv0930/pstA1
Expression (DESeq normalized read counts)
Time (hours)

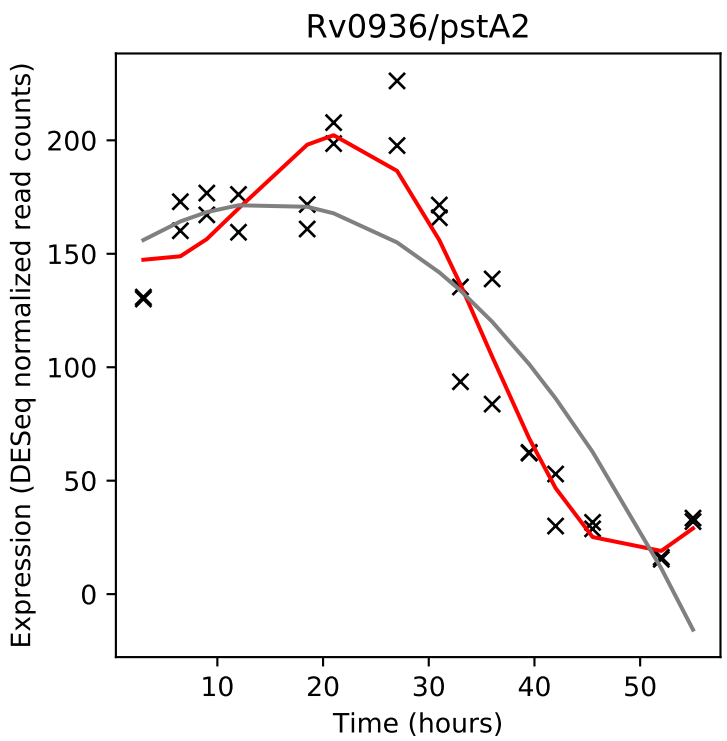

Rv0931c/pknD
Expression (DESeq normalized read counts)
Time (hours)

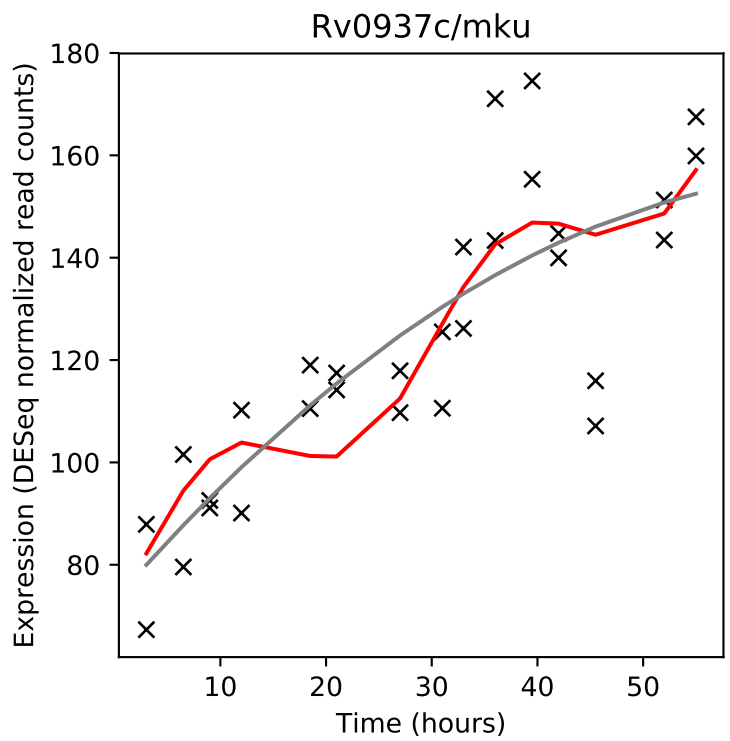

Rv0932c/pstS2
Expression (DESeq normalized read counts)
Time (hours)

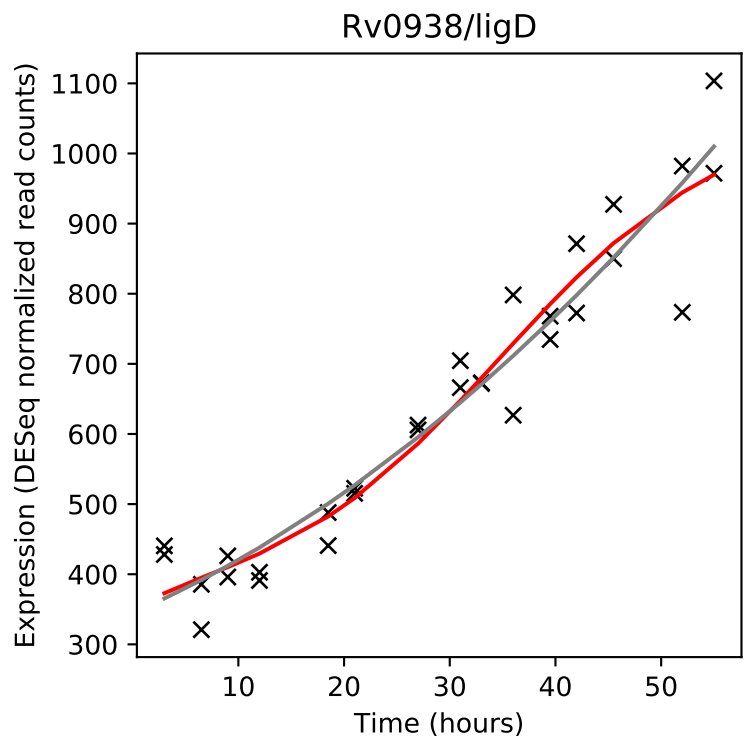

Rv0933/pstB
Expression (DESeq normalized read counts)
Time (hours)

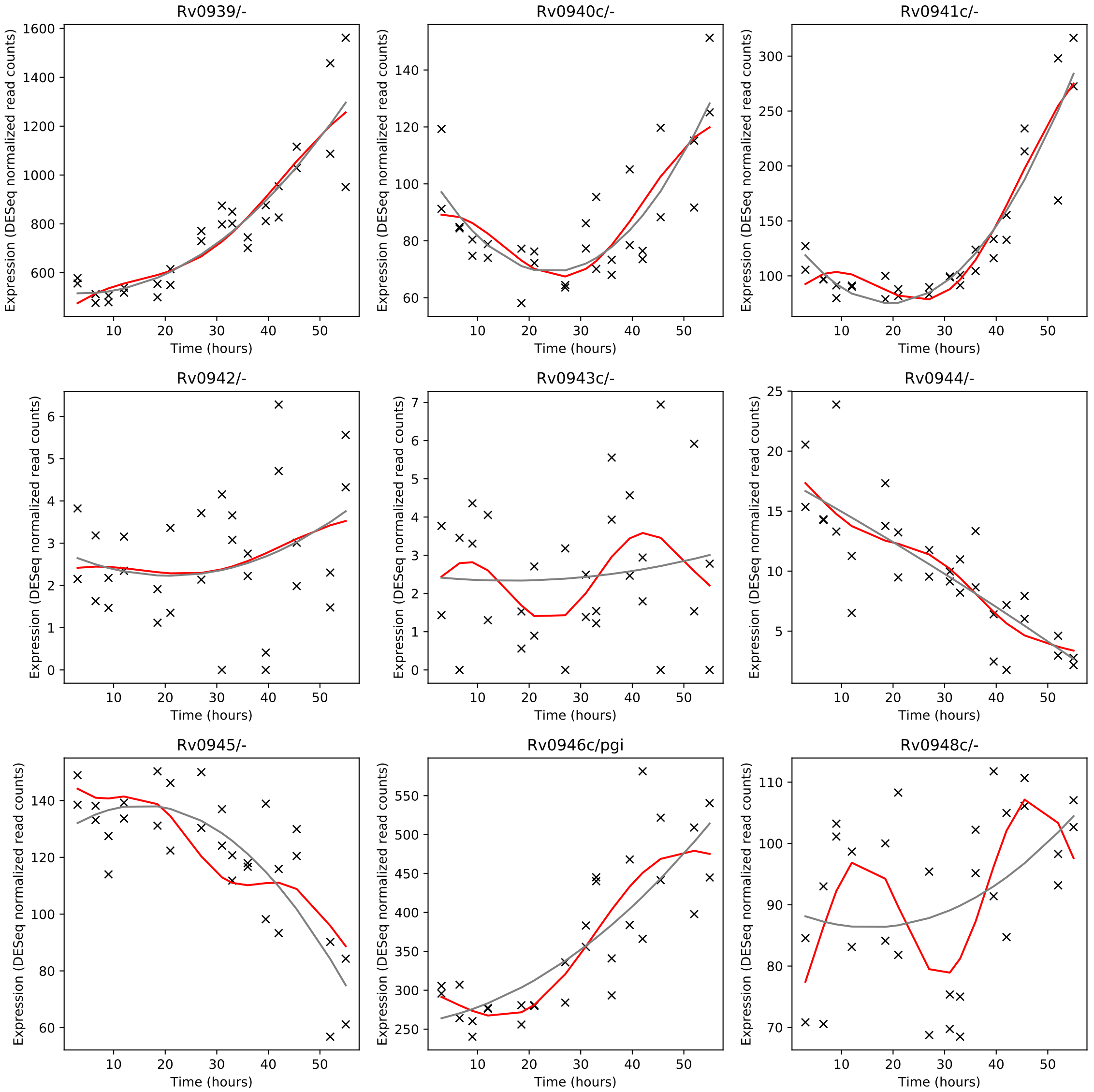

Rv0934/pstS1
Expression (DESeq normalized read counts)
Time (hours)

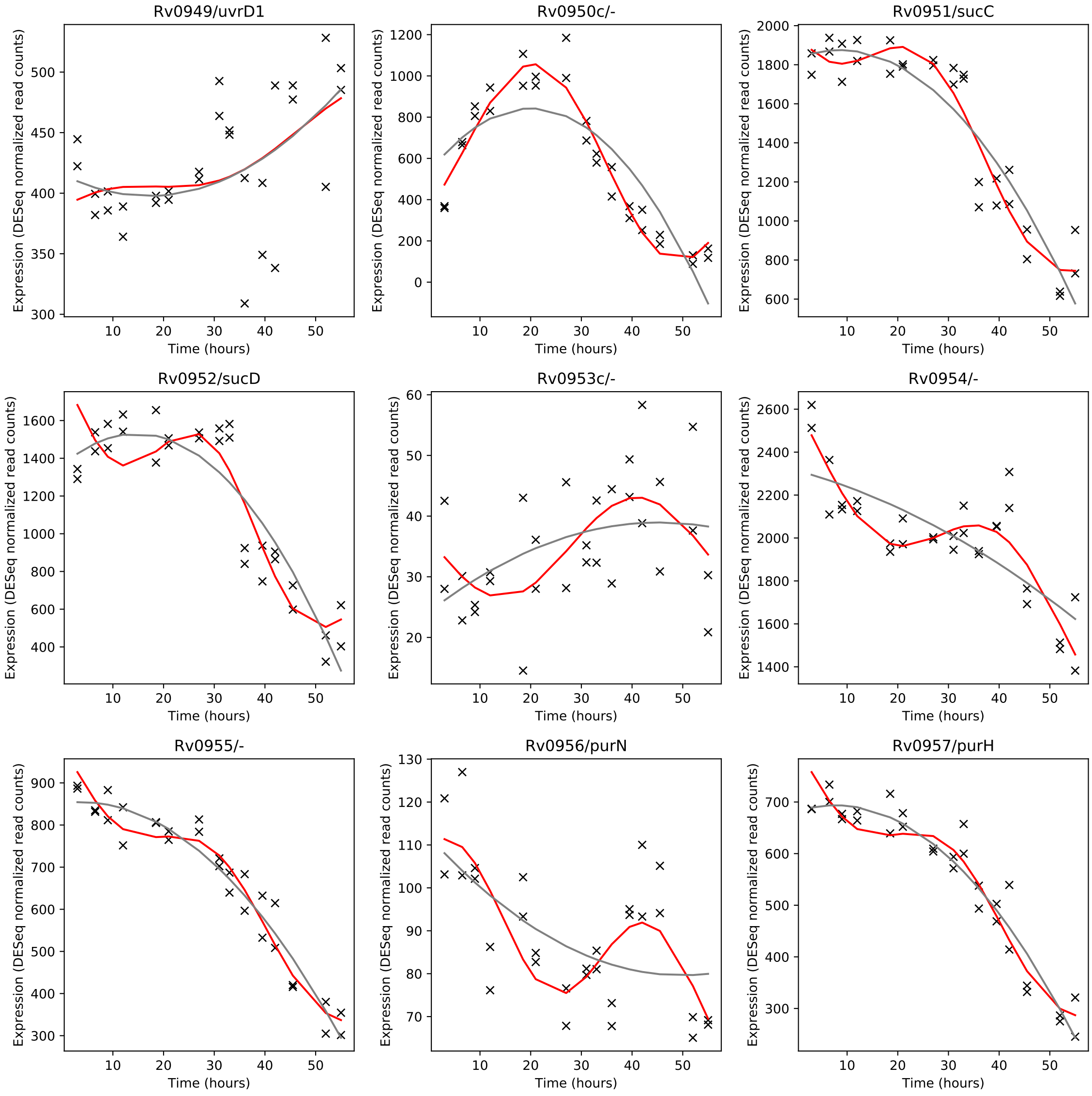

Rv0935/pstC1
Expression (DESeq normalized read counts)
Time (hours)

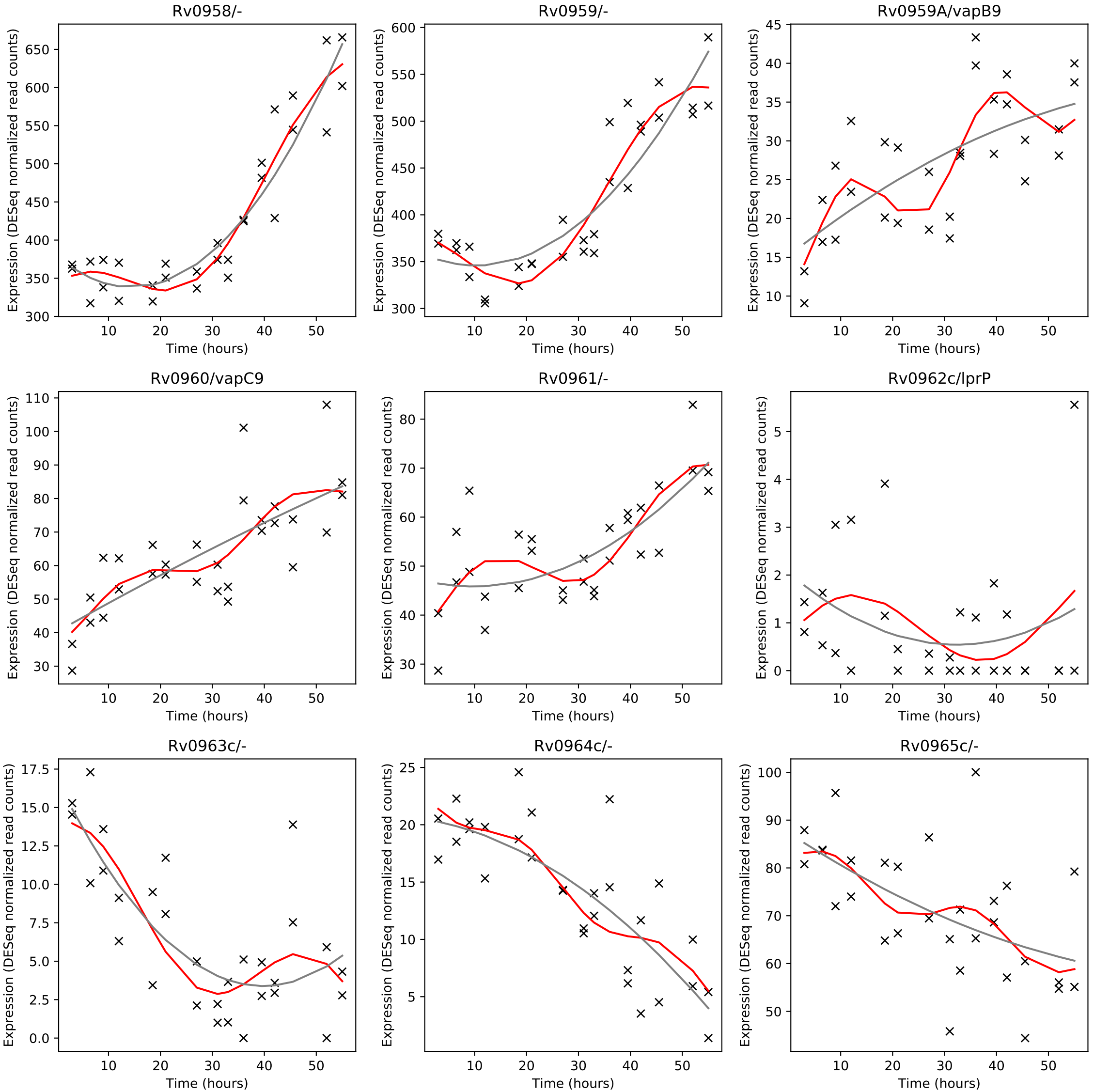

Rv0936/pstA2
Expression (DESeq normalized read counts)
Time (hours)

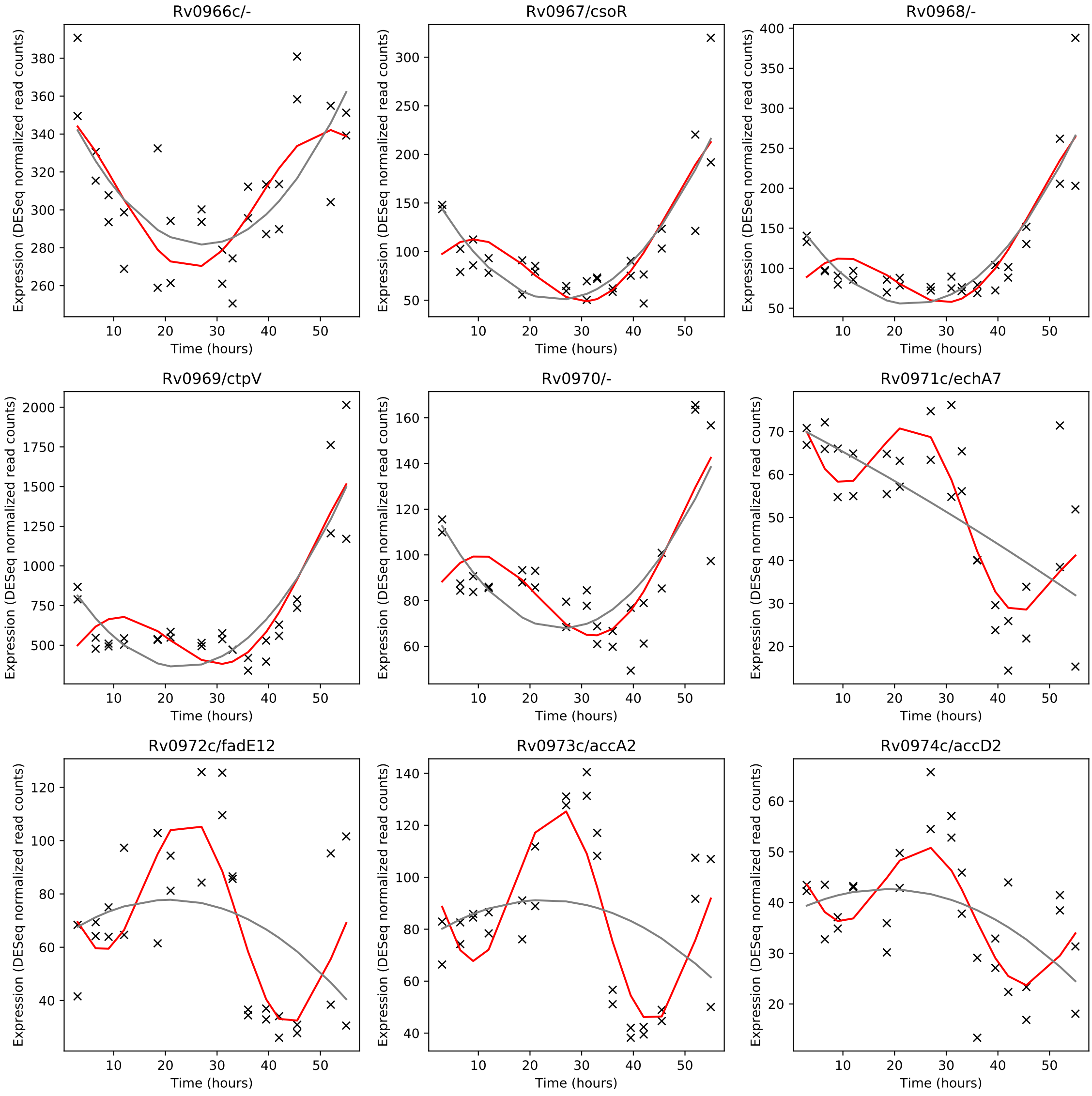

Rv0937c/mku
Expression (DESeq normalized read counts)
Time (hours)

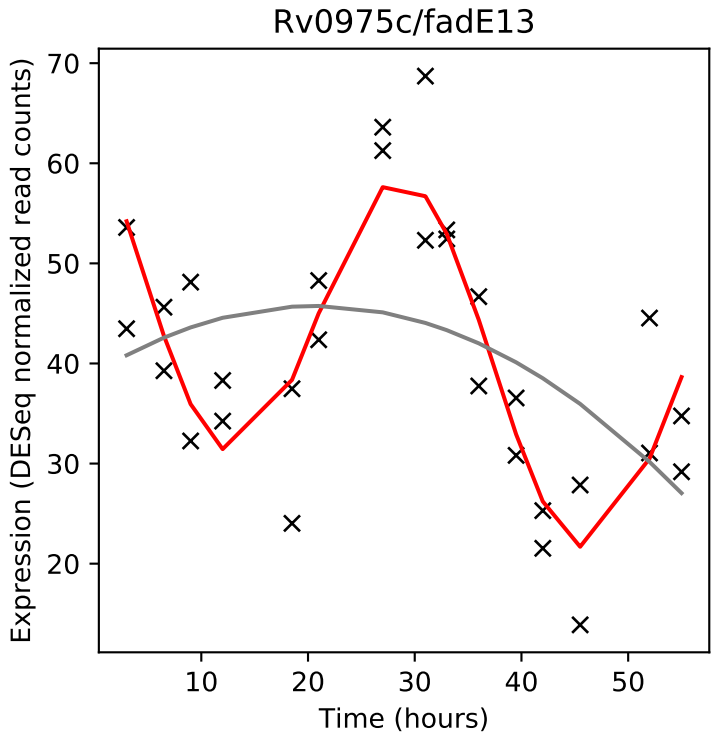

Rv0938/ligD
Expression (DESeq normalized read counts)
Time (hours)

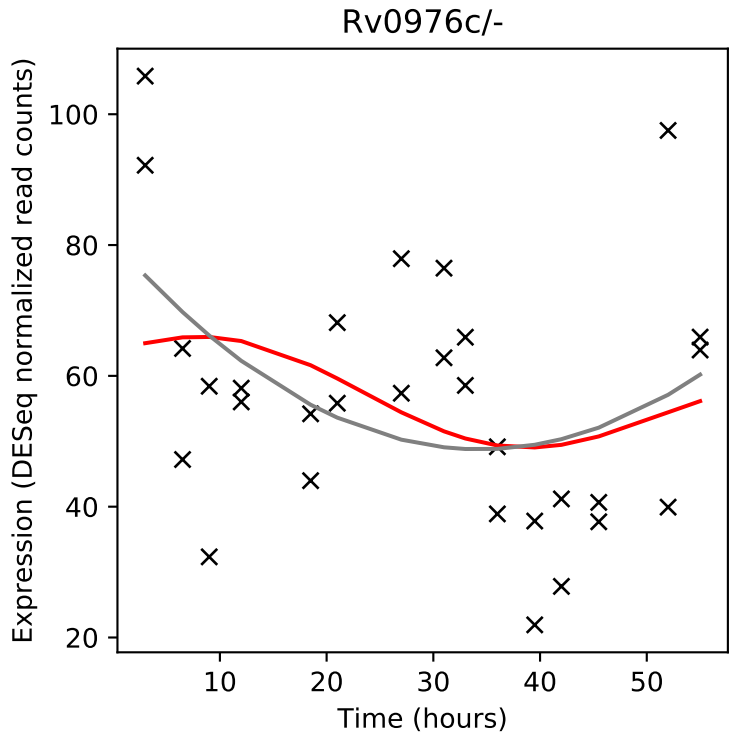

Rv0939/-
Rv0940c/-
Rv0941c/-
Rv0942/-
Rv0943c/-
Rv0944/-
Rv0945/-
Rv0946c/pgi
Rv0948c/-
Expression (DESeq normalized read counts)
Time (hours)

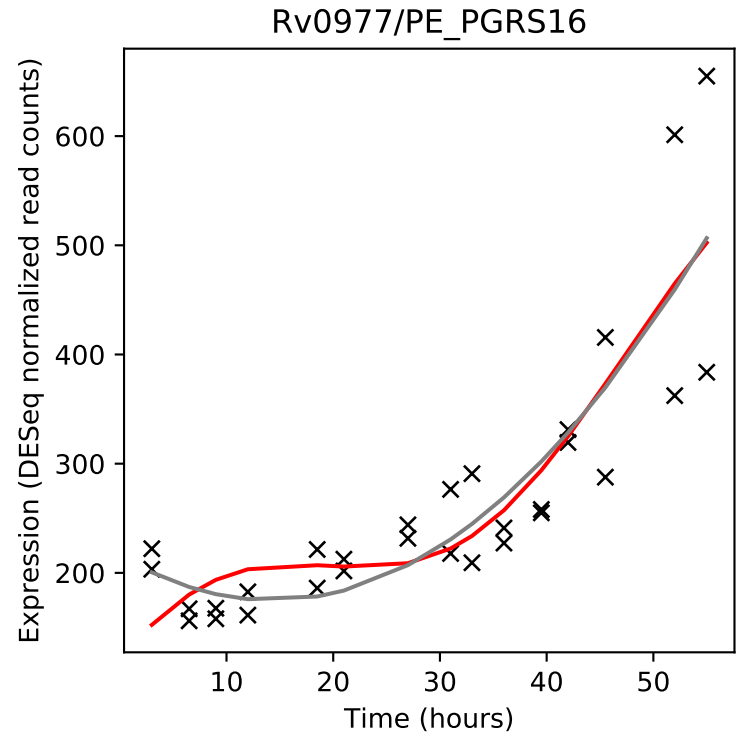

Rv0949/uvrD1
Rv0950c/-
Rv0951/sucC
Rv0952/sucD
Rv0953c/-
Rv0954/-
Rv0955/-
Rv0956/purN
Rv0957/purH
Expression (DESeq normalized read counts)
Time (hours)

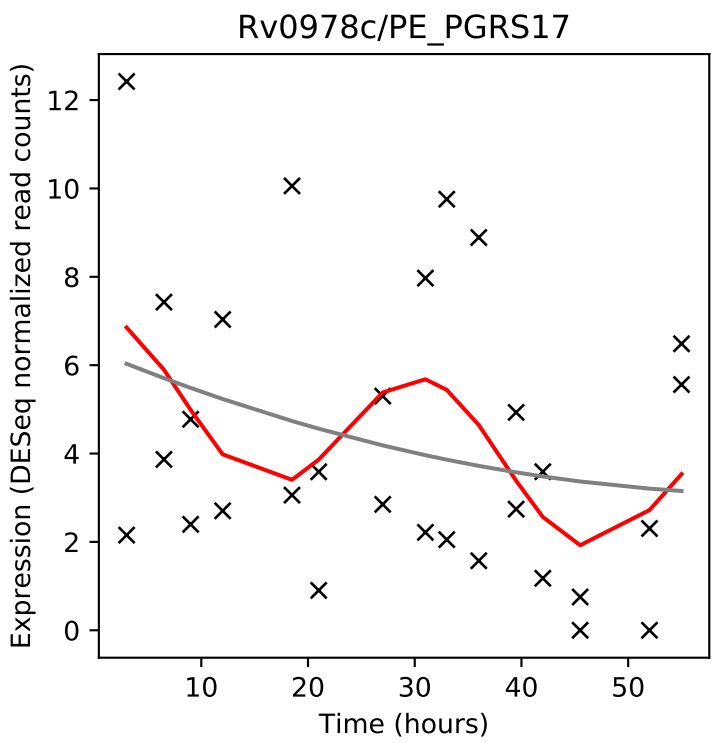

Rv0958/-
Rv0959/-
Rv0959A/vapB9
Rv0960/vapC9
Rv0961/-
Rv0962c/lprP
Rv0963c/-
Rv0964c/-
Rv0965c/-
Expression (DESeq normalized read counts)
Time (hours)

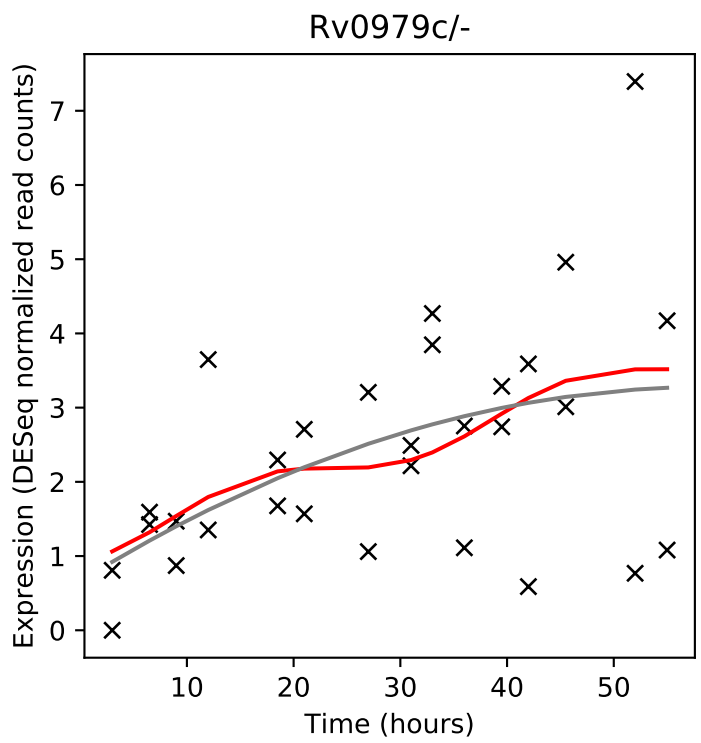

Rv0966c/-
Rv0967/csoR
Rv0968/-
Rv0969/ctpV
Rv0970/-
Rv0971c/echA7
Rv0972c/fadE12
Rv0973c/accA2
Rv0974c/accD2
Expression (DESeq normalized read counts)
Time (hours)

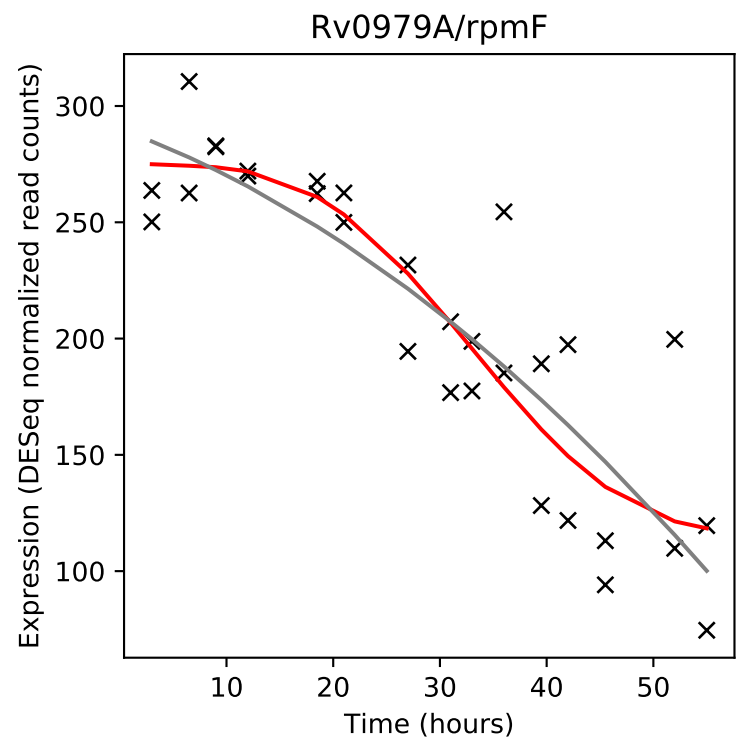

Rv0975c/fadE13
Expression (DESeq normalized read counts)
Time (hours)

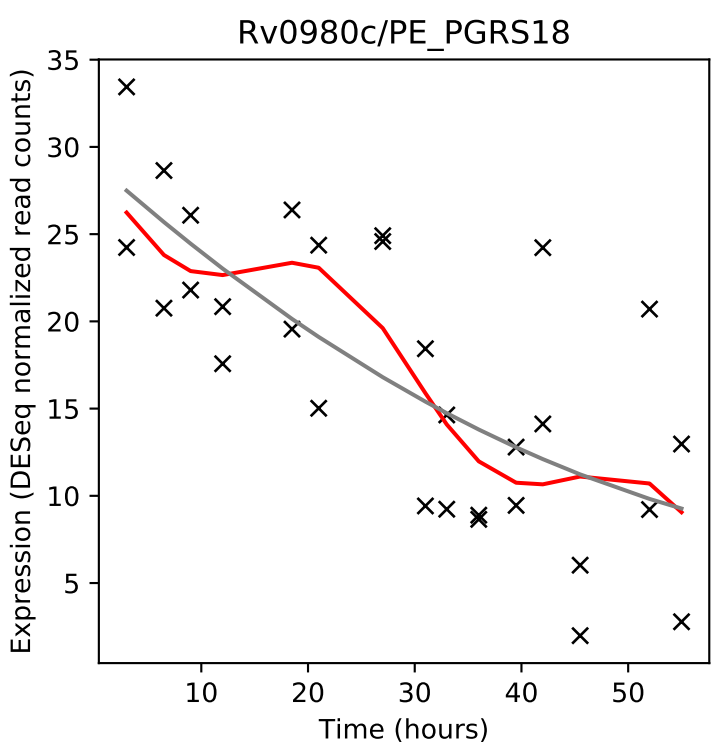

Rv0976c/-
Expression (DESeq normalized read counts)
Time (hours)

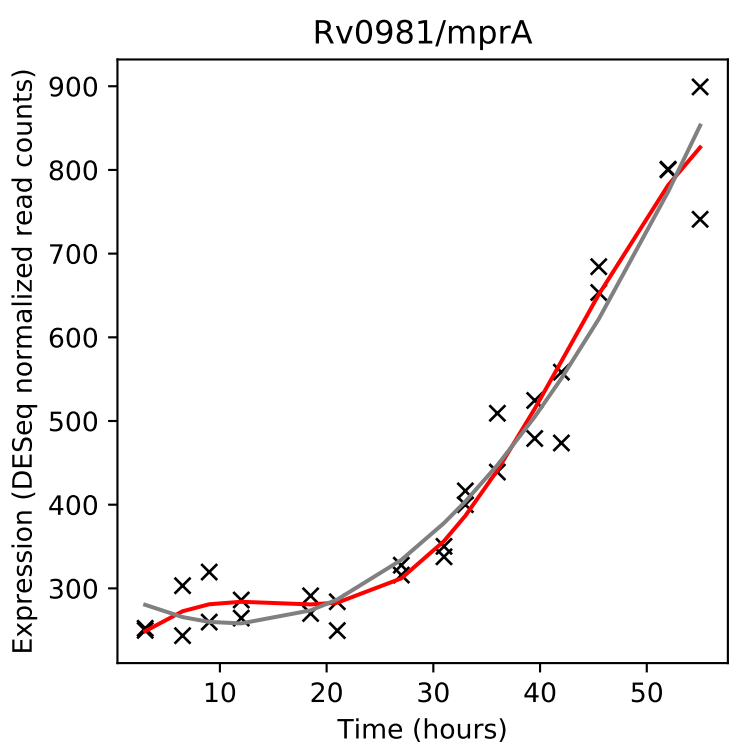

Rv0977/PE_PGRS16
Expression (DESeq normalized read counts)
Time (hours)

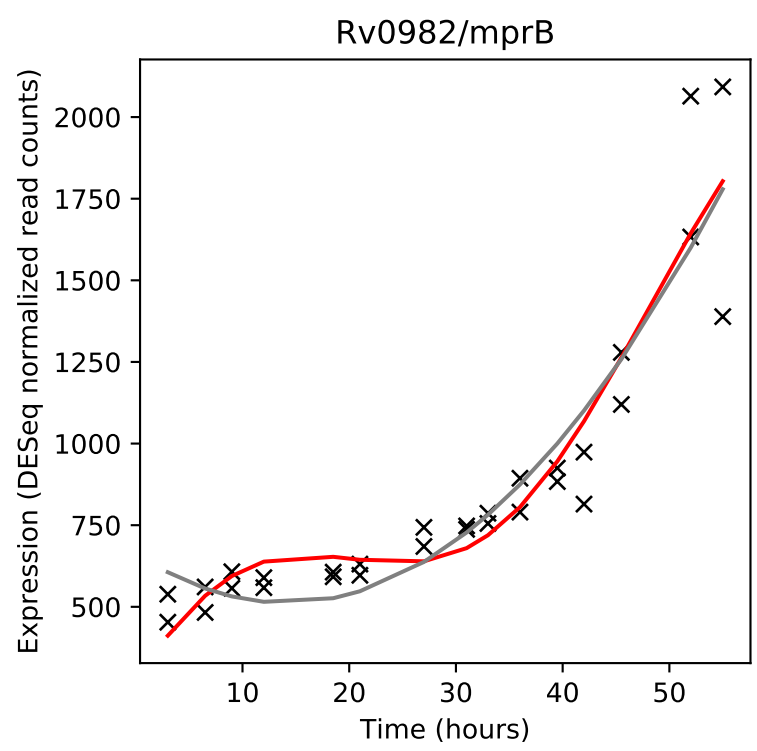

Rv0978c/PE_PGRS17
Expression (DESeq normalized read counts)
Time (hours)

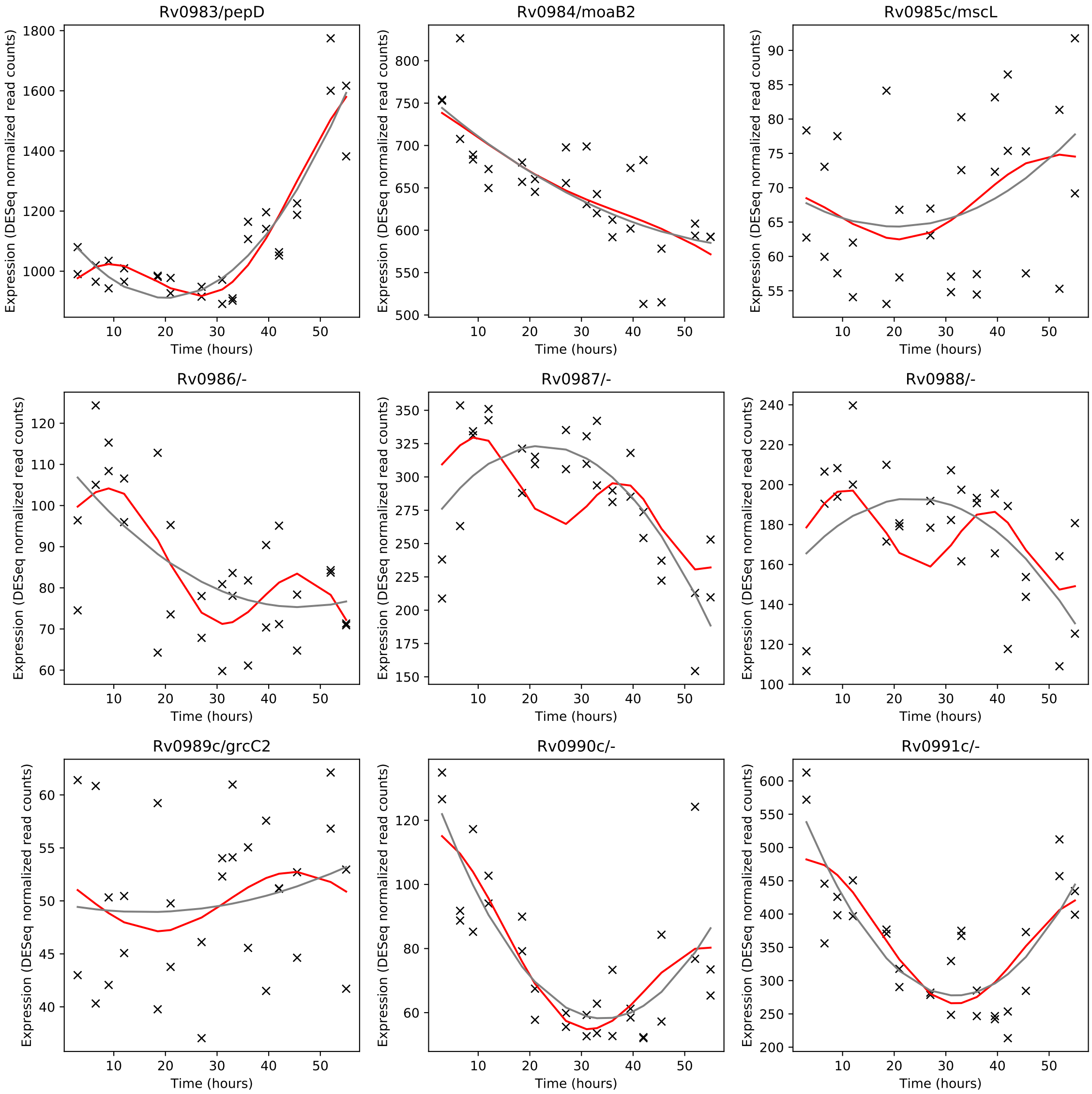

Rv0979c/-
Expression (DESeq normalized read counts)
Time (hours)

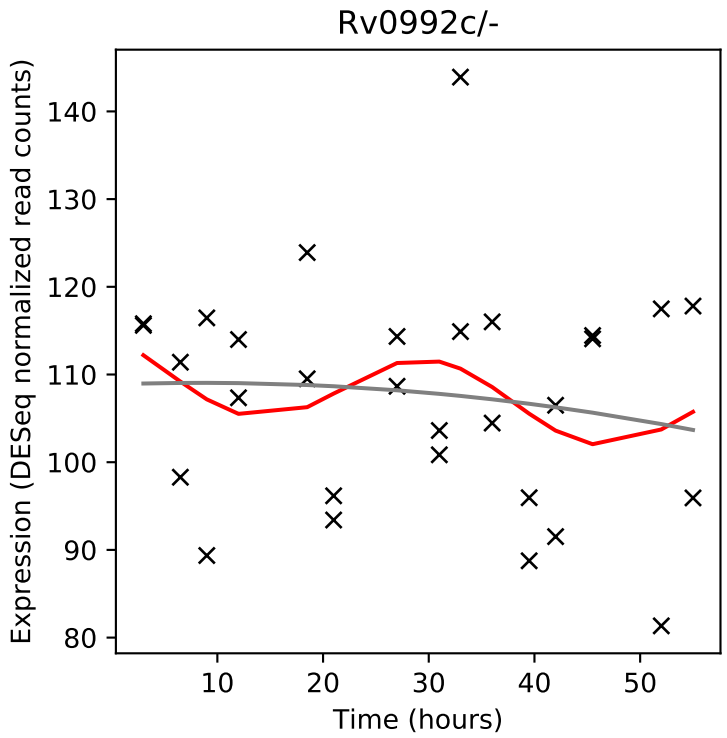

Rv0979A/rpmF
Expression (DESeq normalized read counts)
Time (hours)

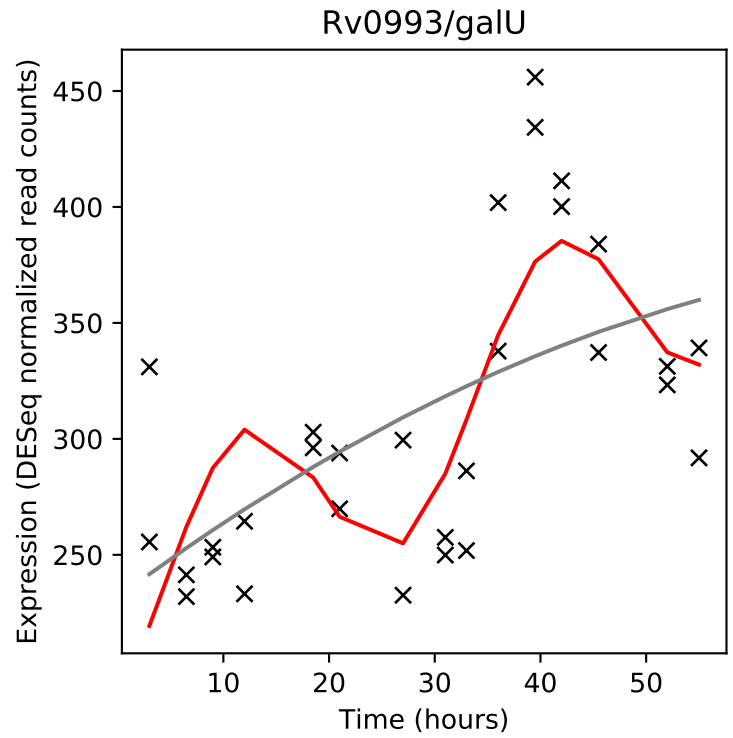

Rv0980c/PE_PGRS18
Expression (DESeq normalized read counts)
Time (hours)

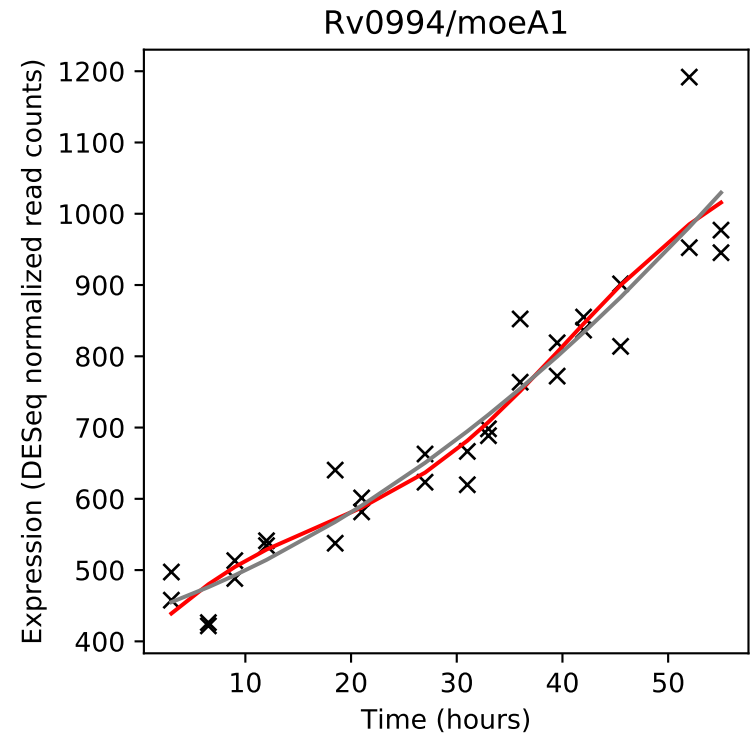

Rv0981/mprA
Expression (DESeq normalized read counts)
Time (hours)

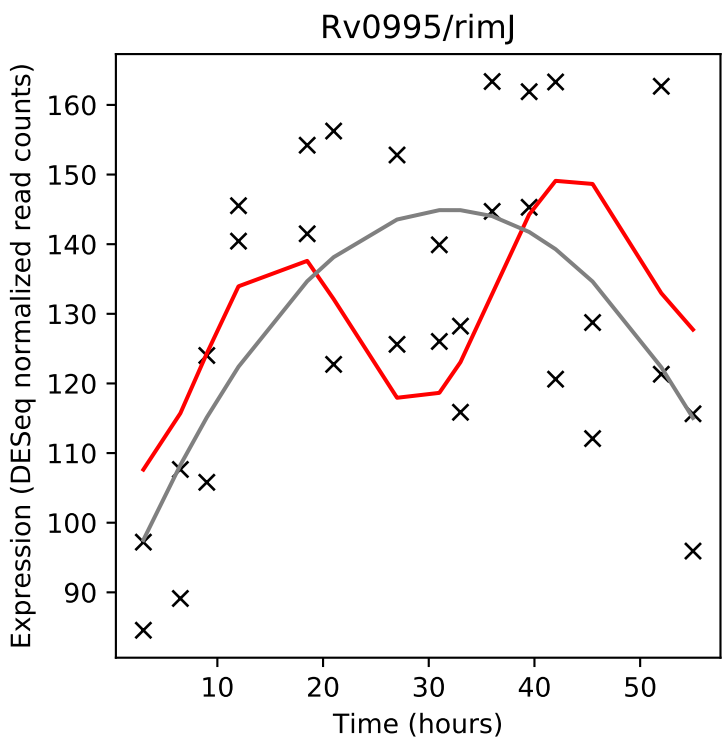

Rv0982/mprB
Expression (DESeq normalized read counts)
Time (hours)

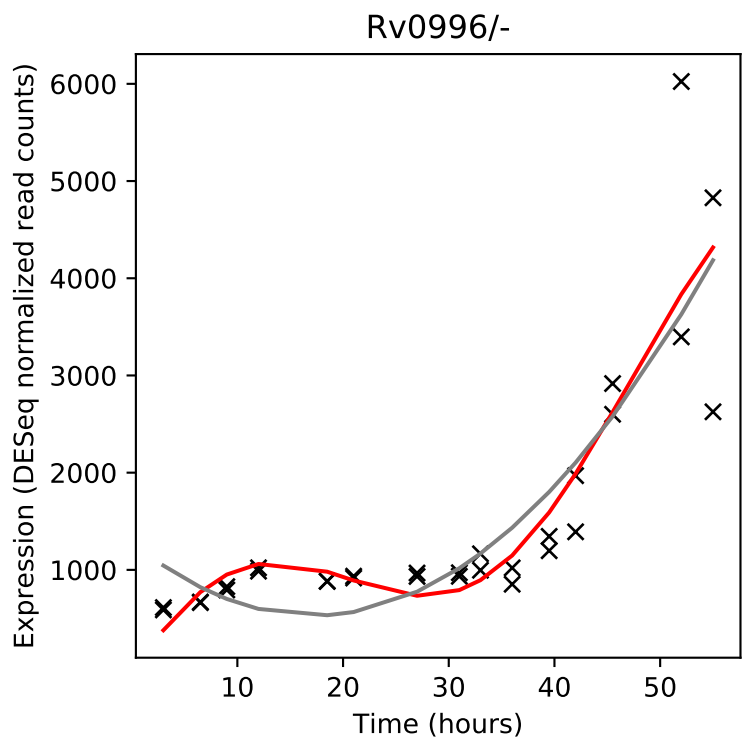

Rv0983/pepD
Rv0984/moaB2
Rv0985c/mscL
Rv0986/-
Rv0987/-
Rv0988/-
Rv0989c/grcC2
Rv0990c/-
Rv0991c/-
Expression (DESeq normalized read counts)
Time (hours)

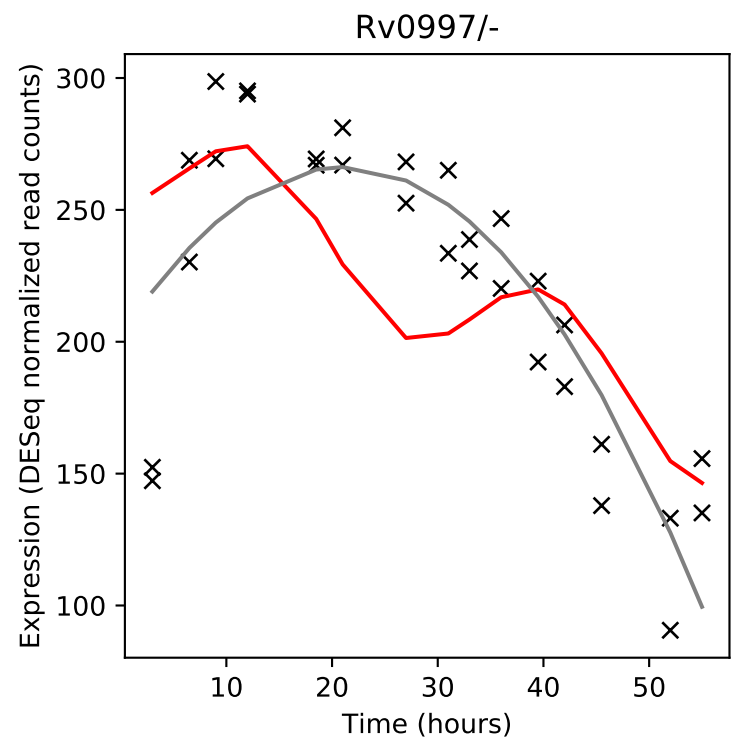

Rv0992c/-
Expression (DESeq normalized read counts)
Time (hours)

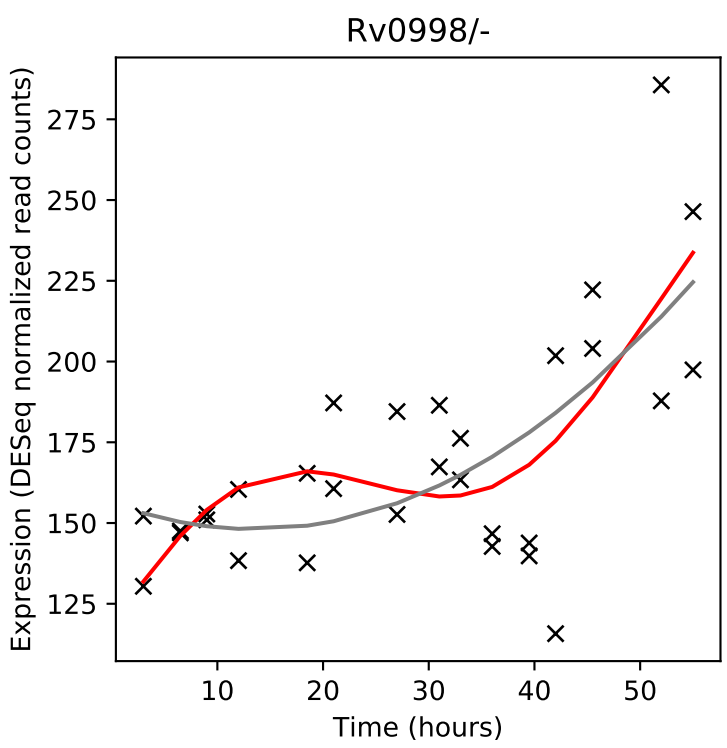

Rv0993/galU
Expression (DESeq normalized read counts)
Time (hours)

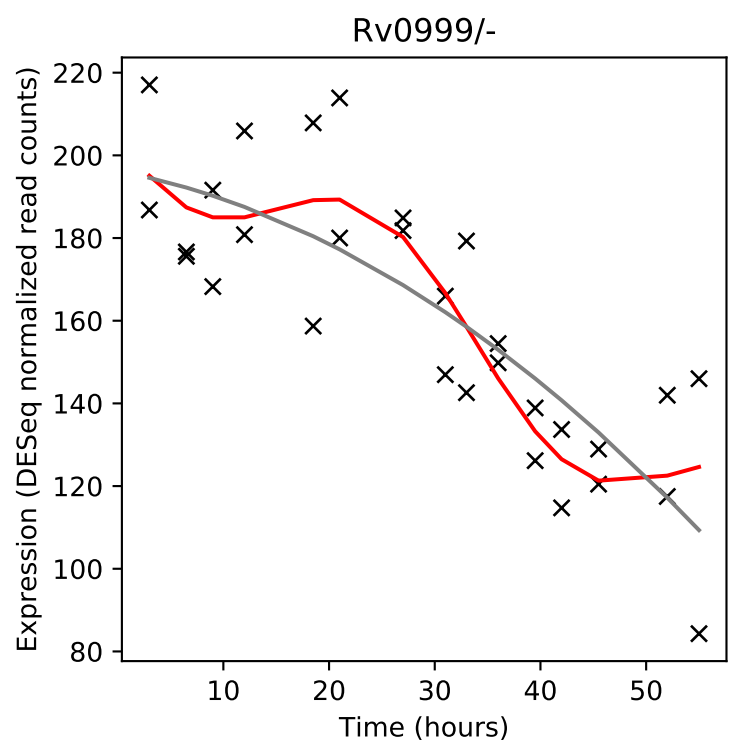

Rv0994/moeA1
Expression (DESeq normalized read counts)
Time (hours)

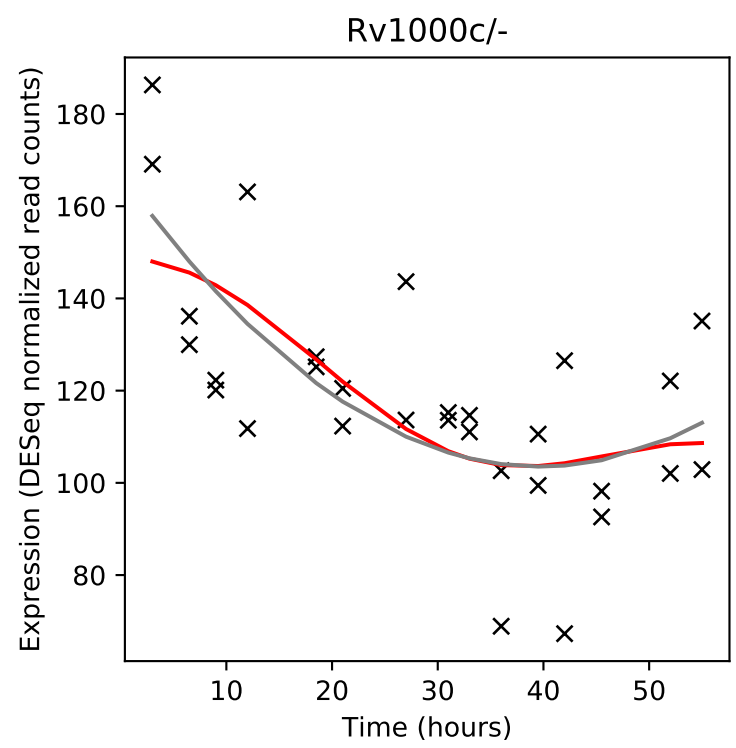

Rv0995/rimJ
Expression (DESeq normalized read counts)
Time (hours)

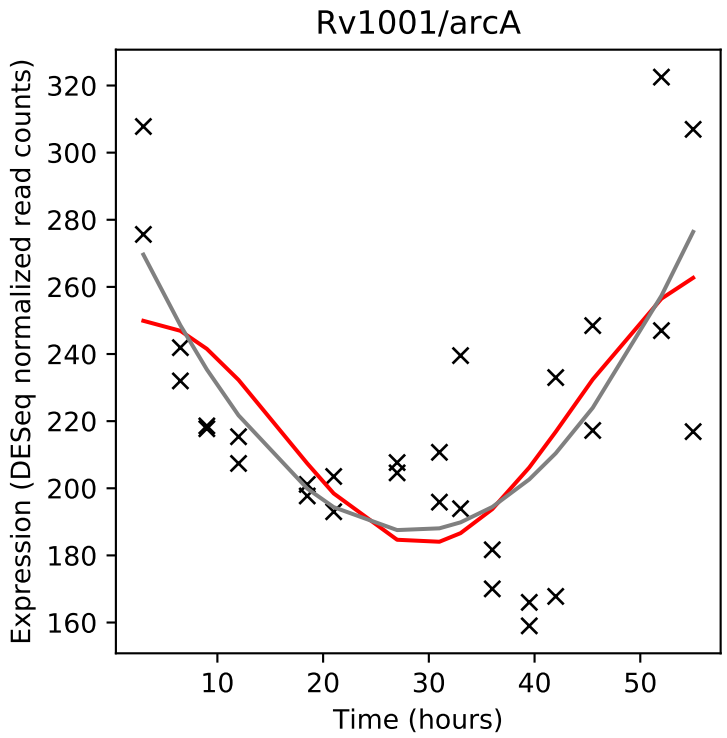

Rv0996/-
Expression (DESeq normalized read counts)
Time (hours)

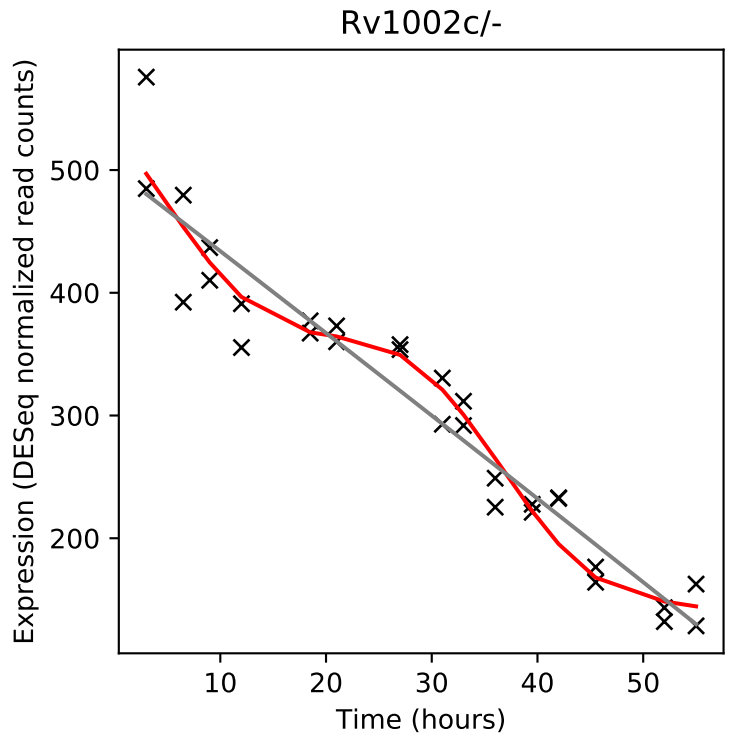

Rv0997/-
Expression (DESeq normalized read counts)
Time (hours)

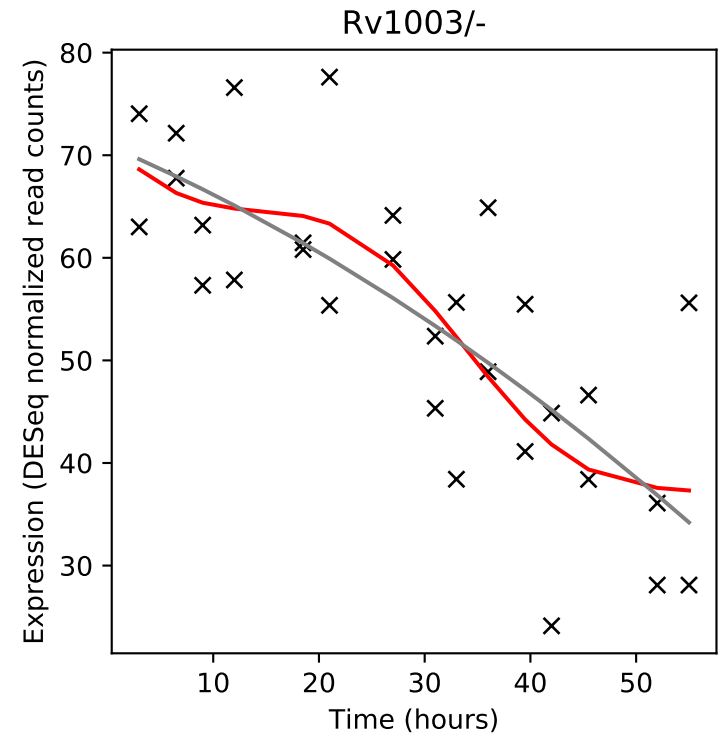

Rv0998/-
Expression (DESeq normalized read counts)
Time (hours)

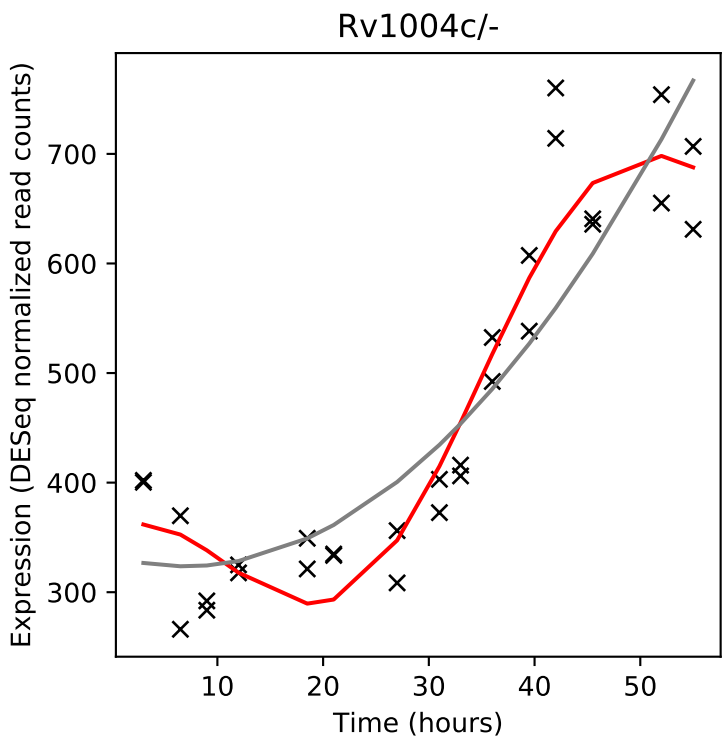

Rv0999/-
Expression (DESeq normalized read counts)
Time (hours)

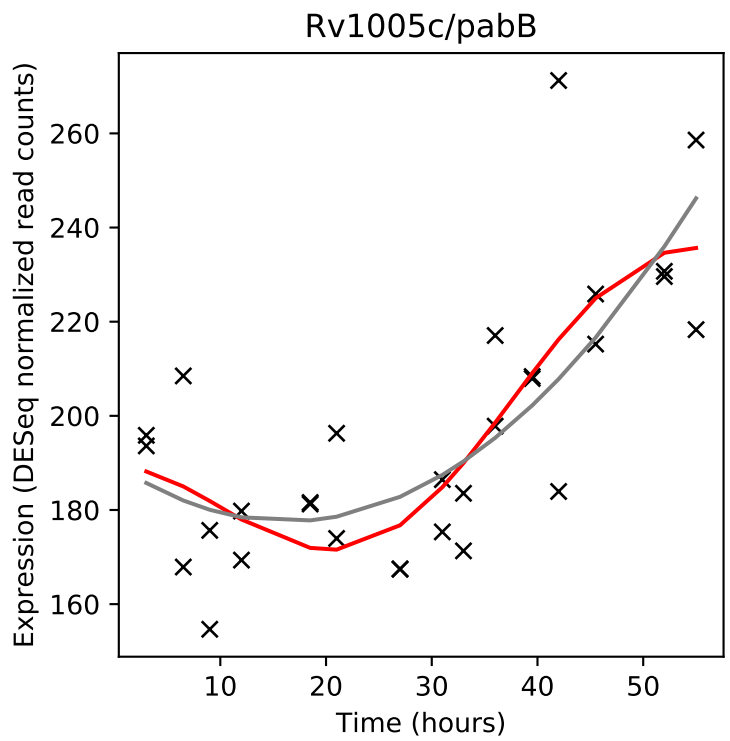

Rv1000c/-
Expression (DESeq normalized read counts)
Time (hours)

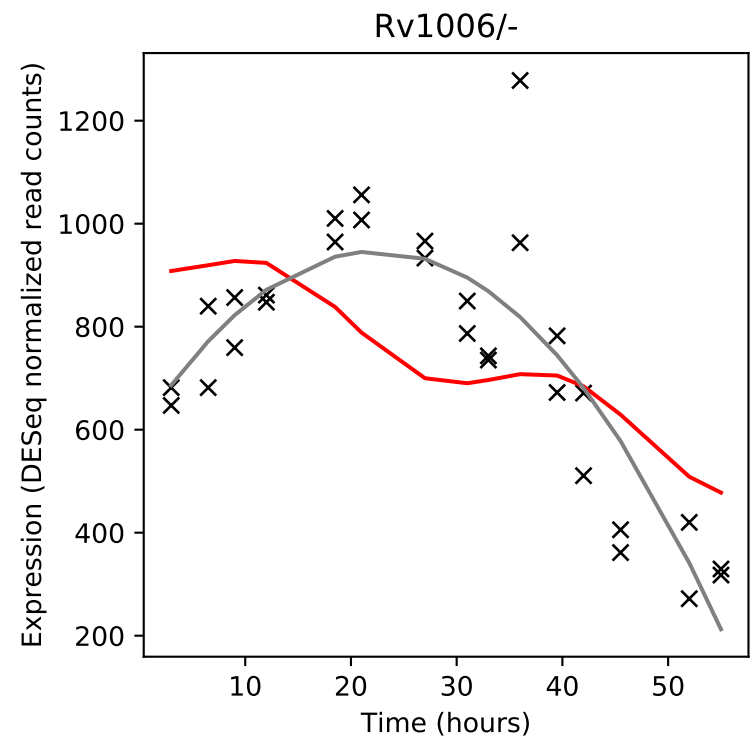

Rv1001/arcA
Expression (DESeq normalized read counts)
Time (hours)

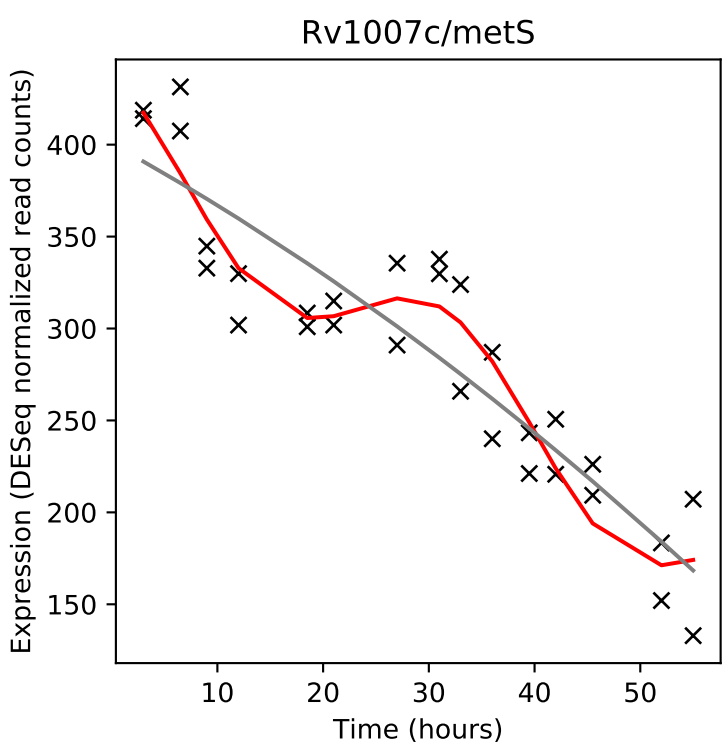

Rv1002c/-
Expression (DESeq normalized read counts)
Time (hours)

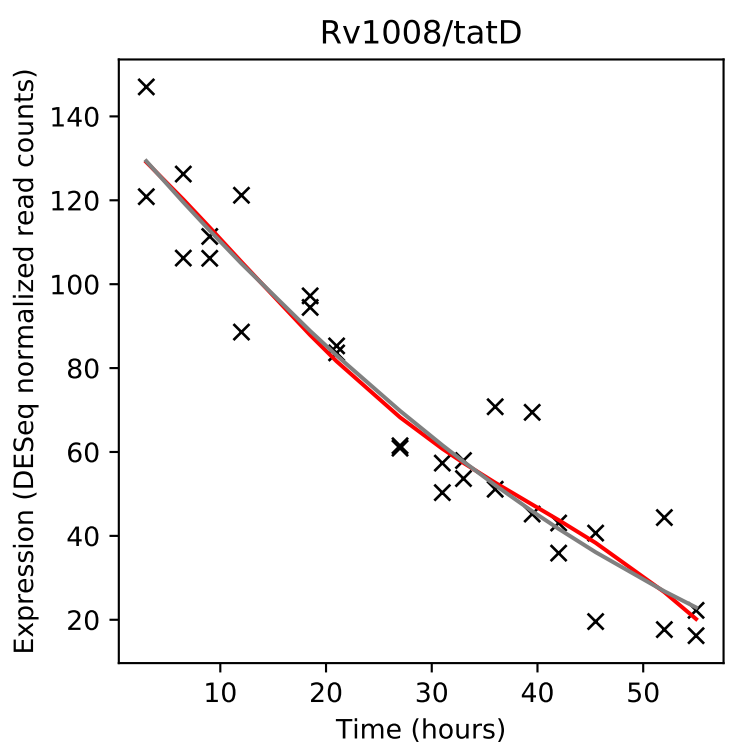

Rv1003/-
Expression (DESeq normalized read counts)
Time (hours)

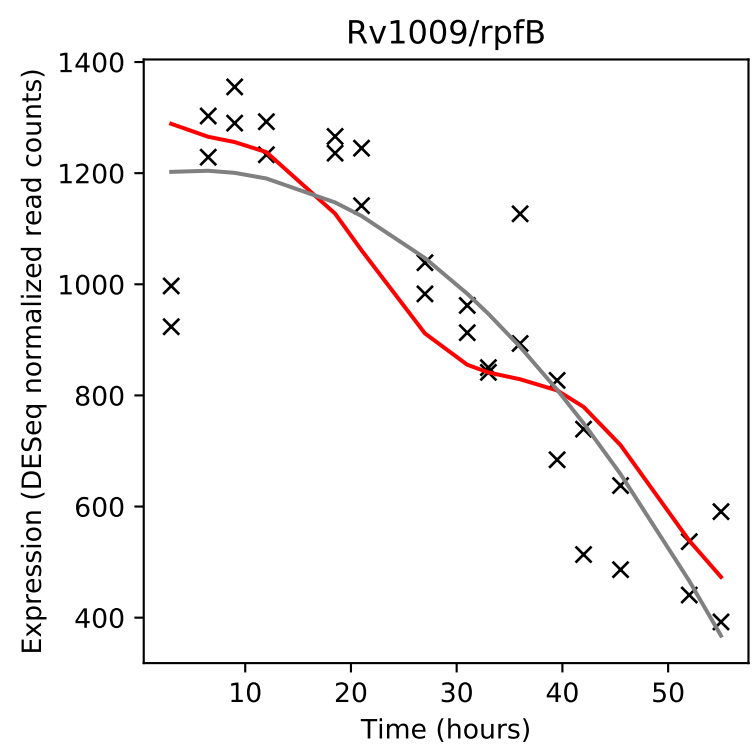

Rv1004c/-
Expression (DESeq normalized read counts)
Time (hours)

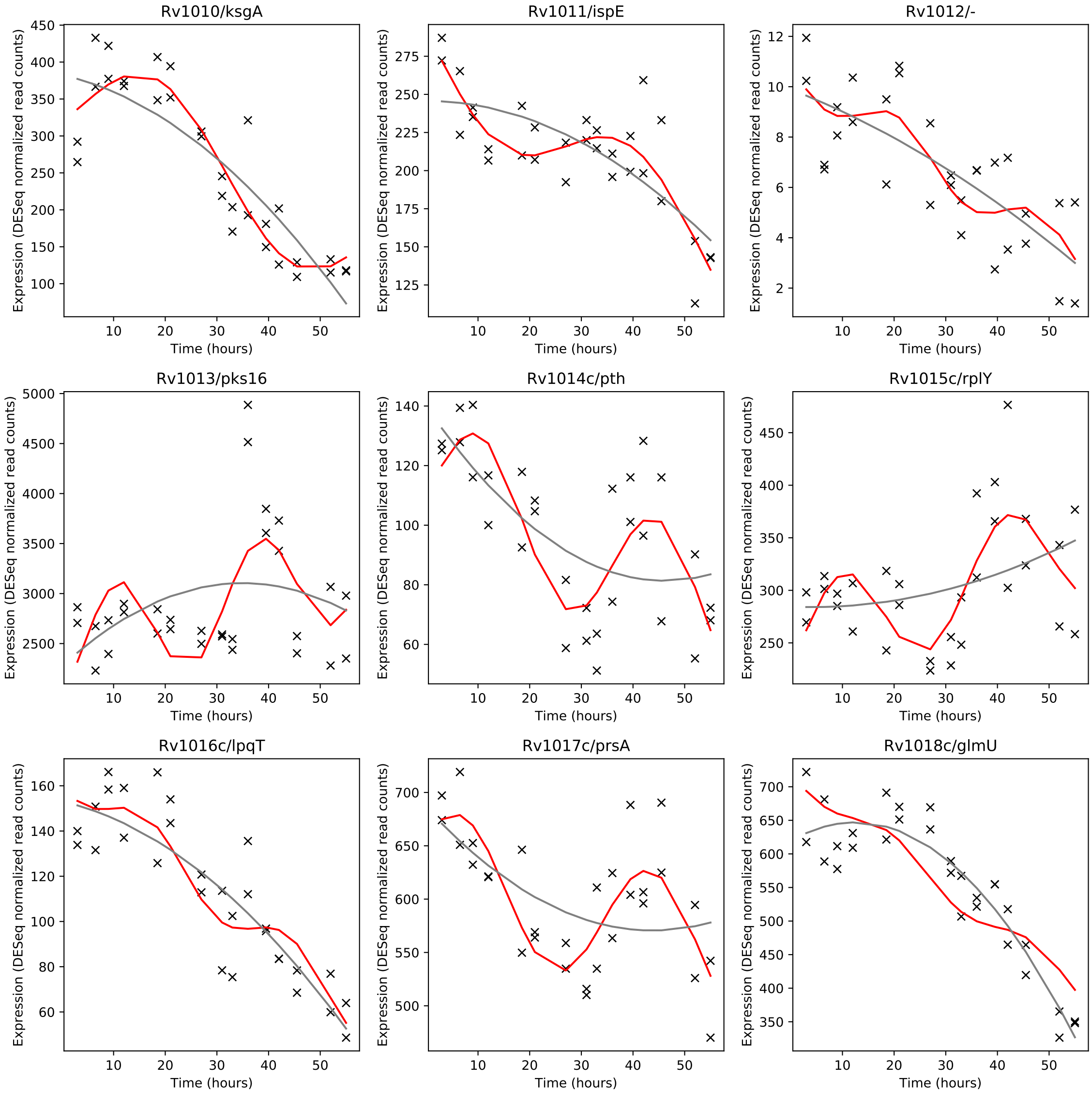

Rv1005c/pabB
Expression (DESeq normalized read counts)
Time (hours)

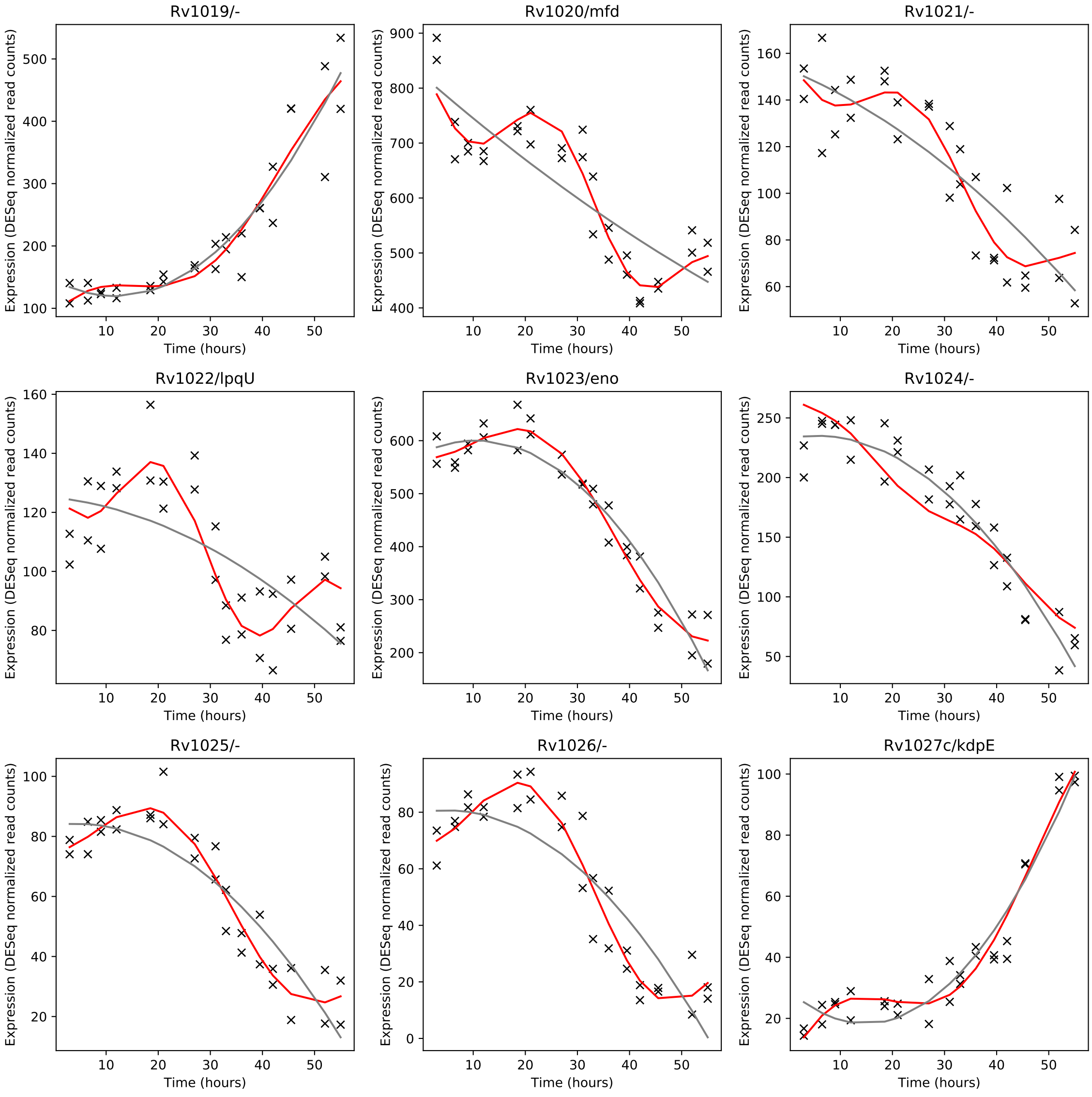

Rv1006/-
Expression (DESeq normalized read counts)
Time (hours)

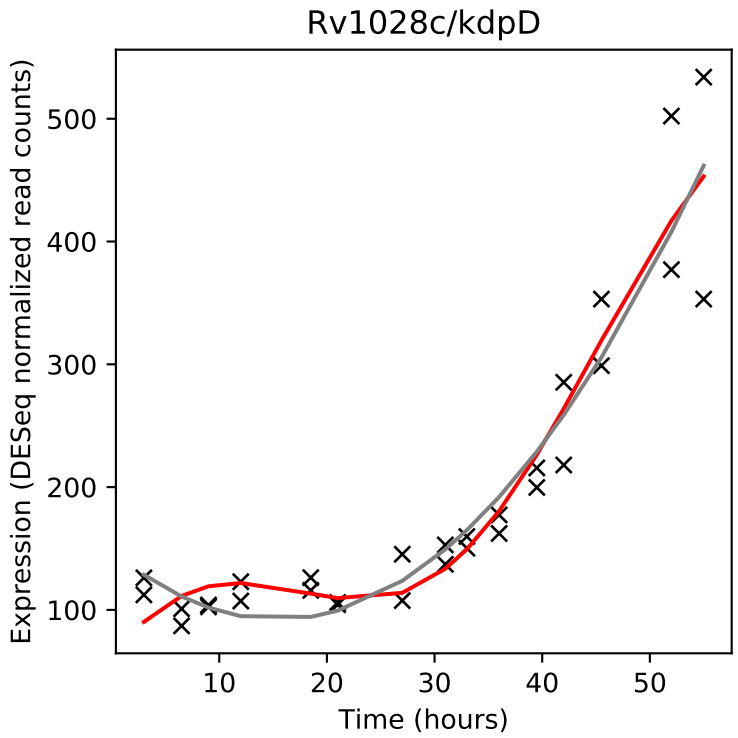

Rv1007c/metS
Expression (DESeq normalized read counts)
Time (hours)

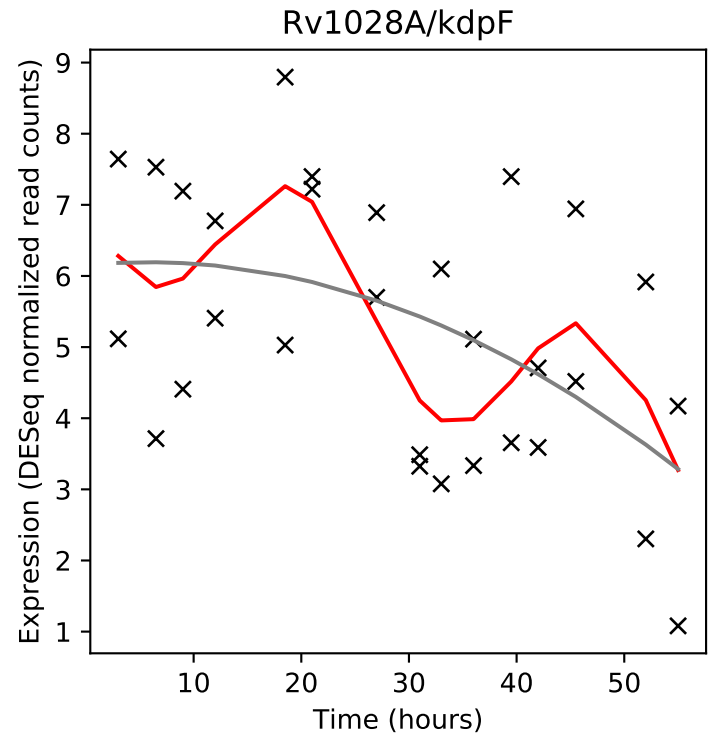

Rv1008/tatD
Expression (DESeq normalized read counts)
Time (hours)

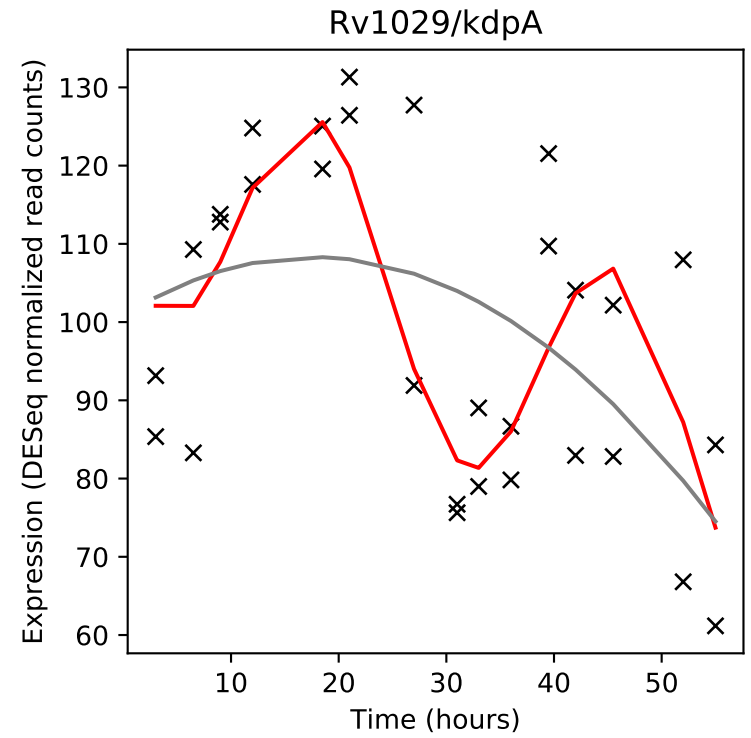

Rv1009/rpfB
Expression (DESeq normalized read counts)
Time (hours)

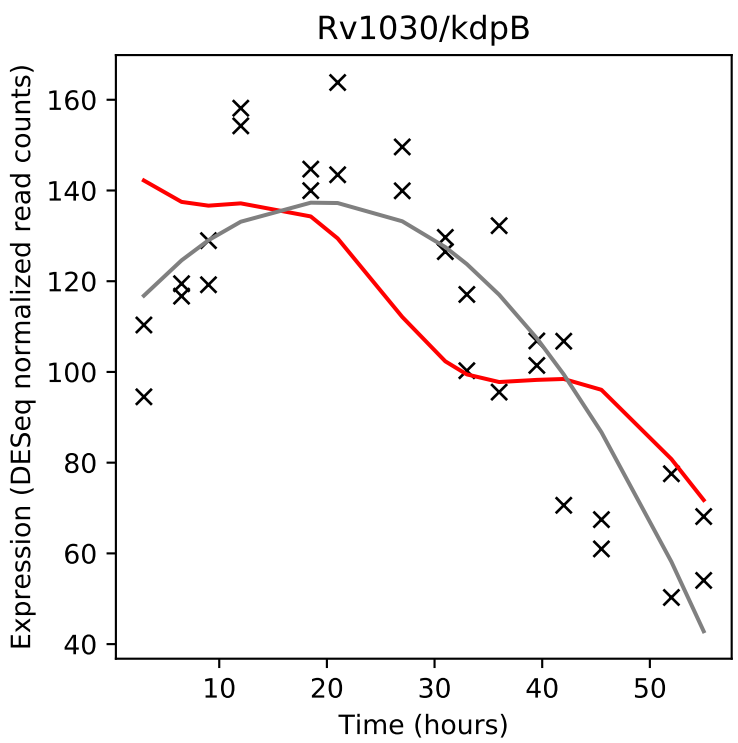

Rv1010/ksgA
Rv1011/ispE
Rv1012/-
Rv1013/pks16
Rv1014c/pth
Rv1015c/rplY
Rv1016c/lpqT
Rv1017c/prsA
Rv1018c/glmU
Expression (DESeq normalized read counts)
Time (hours)

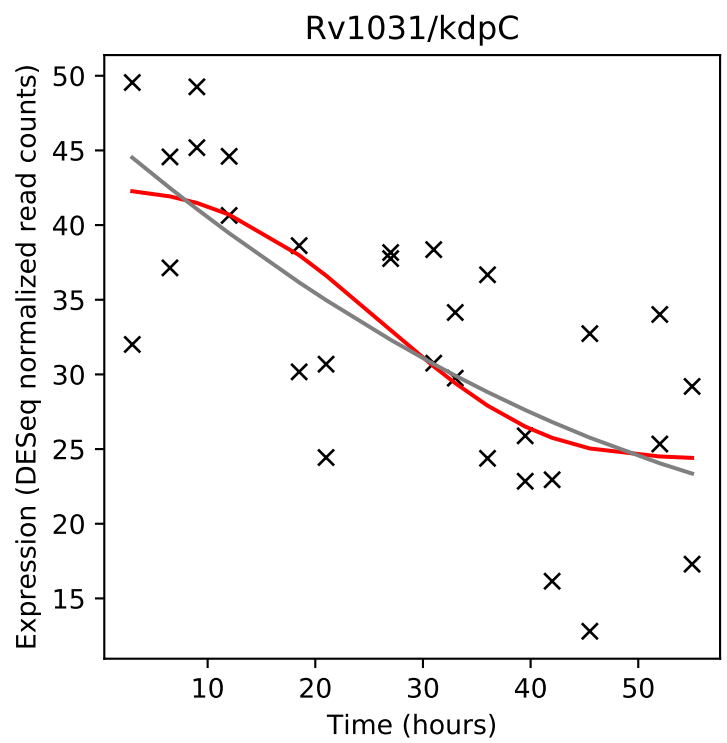

Rv1019/-
Rv1020/mfd
Rv1021/-
Rv1022/lpqU
Rv1023/eno
Rv1024/-
Rv1025/-
Rv1026/-
Rv1027c/kdpE
Expression (DESeq normalized read counts)
Time (hours)

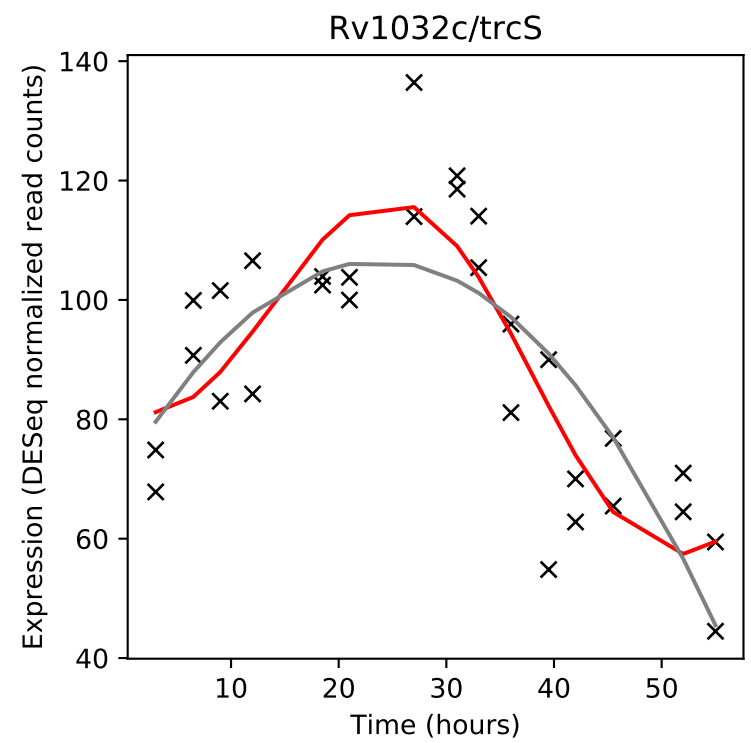

Rv1028c/kdpD
Expression (DESeq normalized read counts)
Time (hours)

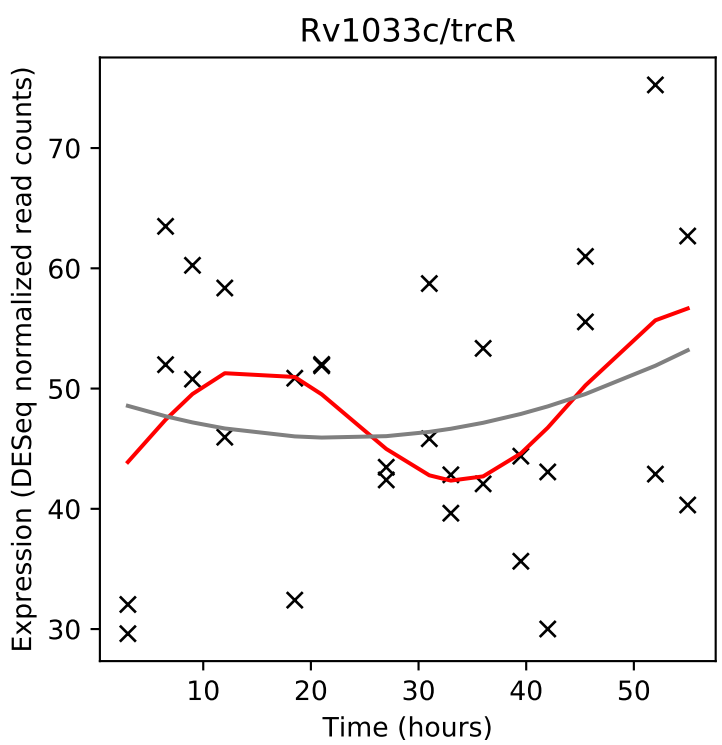

Rv1028A/kdpF
Expression (DESeq normalized read counts)
Time (hours)

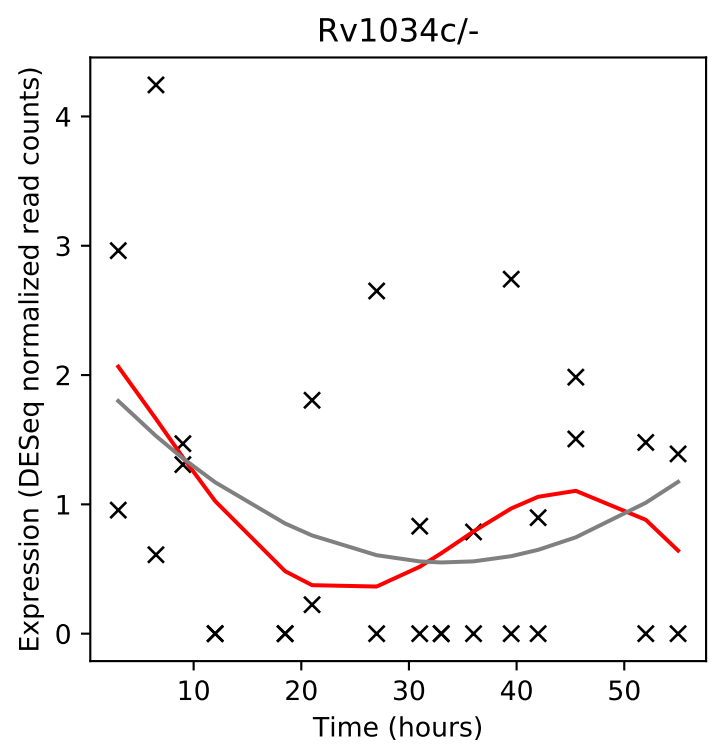

Rv1029/kdpA
Expression (DESeq normalized read counts)
Time (hours)

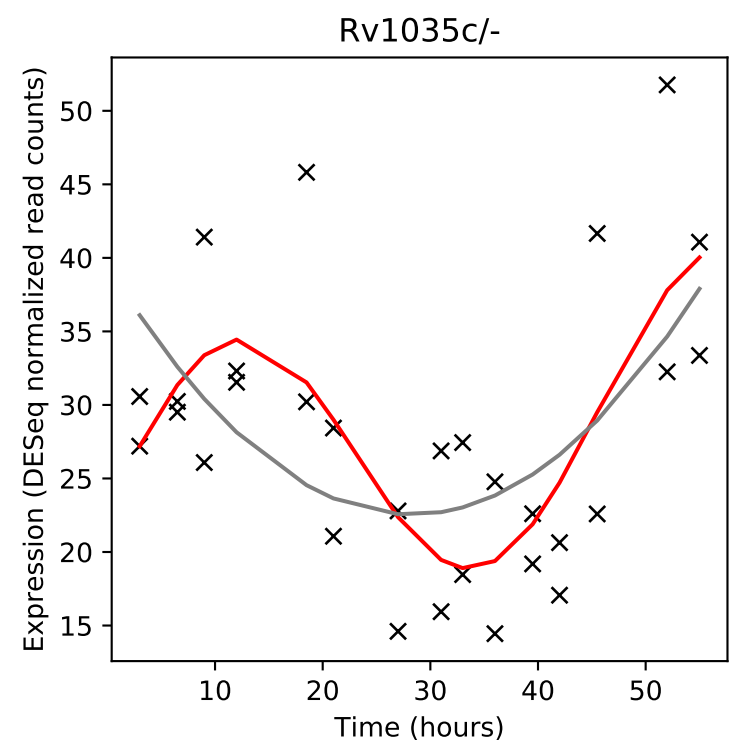

Rv1030/kdpB
Expression (DESeq normalized read counts)
Time (hours)

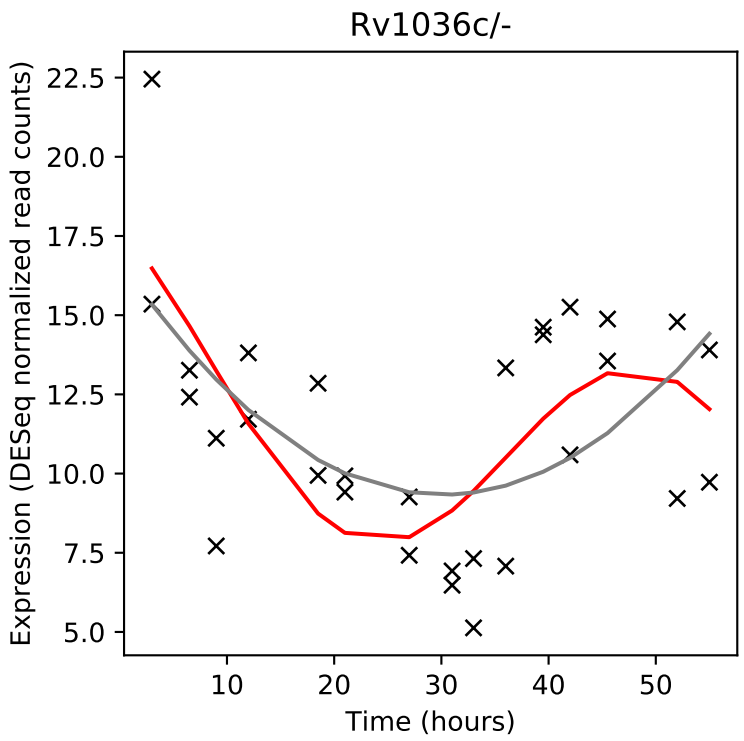

Rv1031/kdpC
Expression (DESeq normalized read counts)
Time (hours)

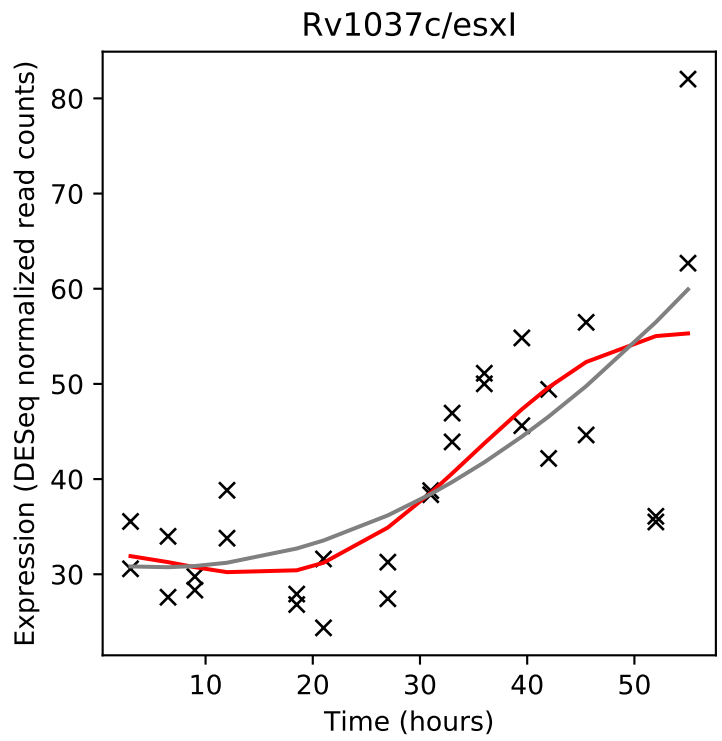

Rv1032c/trcS
Expression (DESeq normalized read counts)
Time (hours)

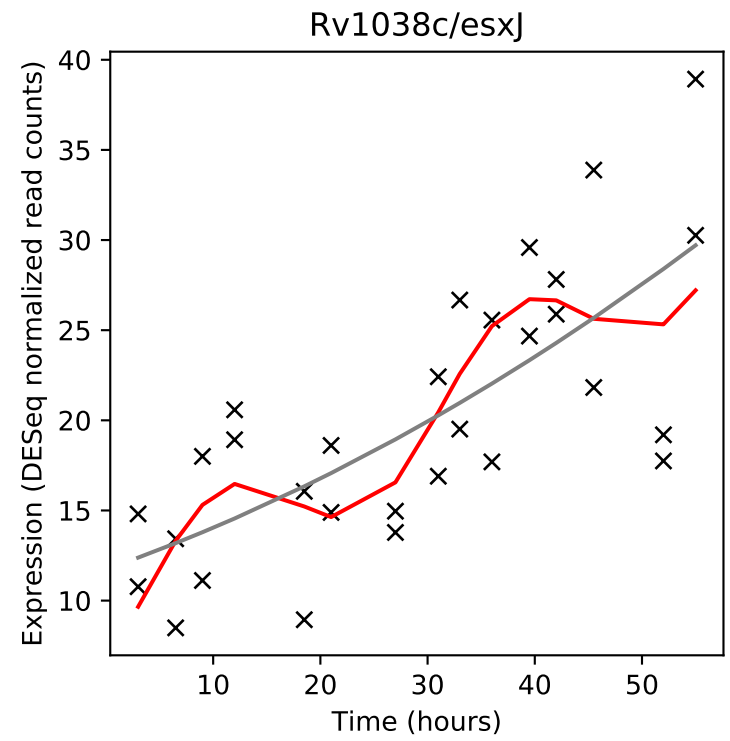

Rv1033c/trcR
Expression (DESeq normalized read counts)
Time (hours)

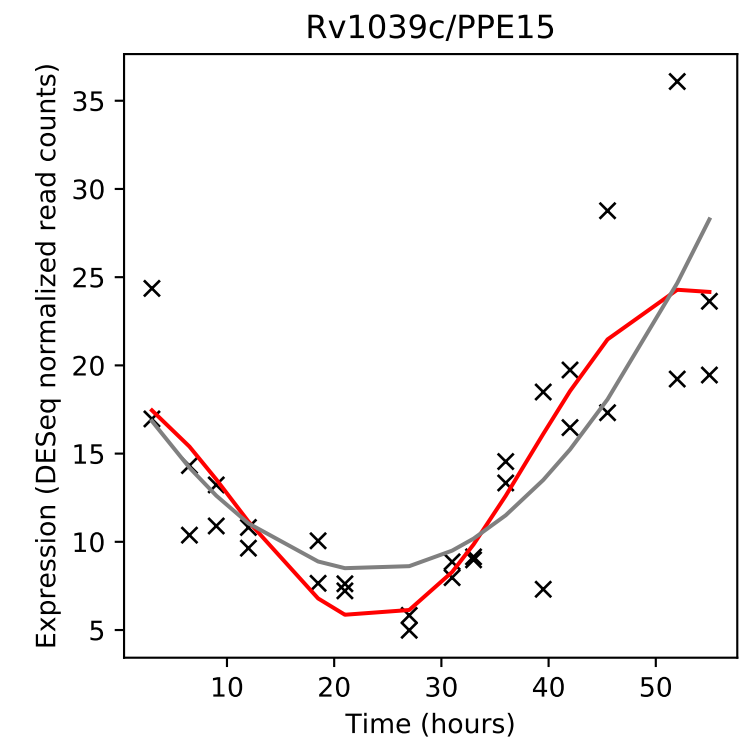

Rv1034c/-
Expression (DESeq normalized read counts)
Time (hours)

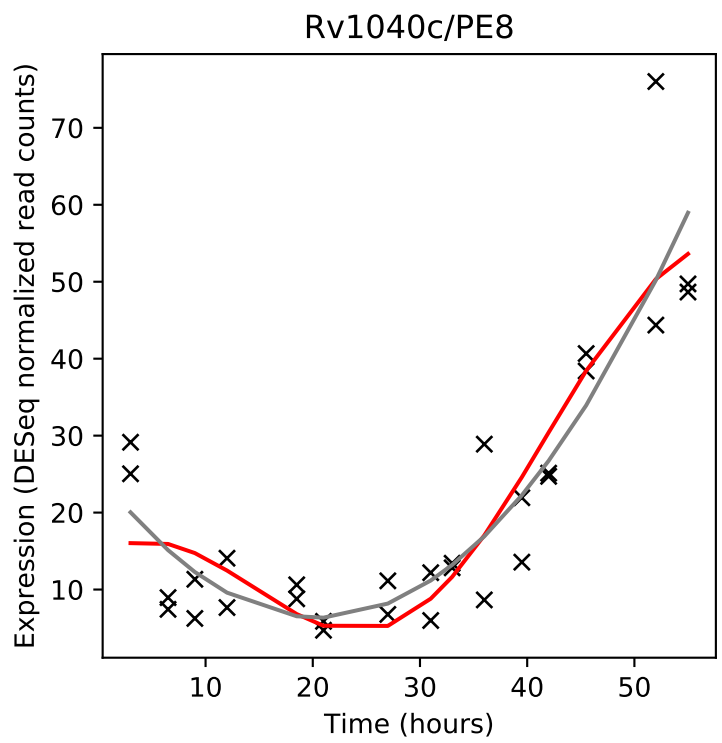

Rv1035c/-
Expression (DESeq normalized read counts)
Time (hours)

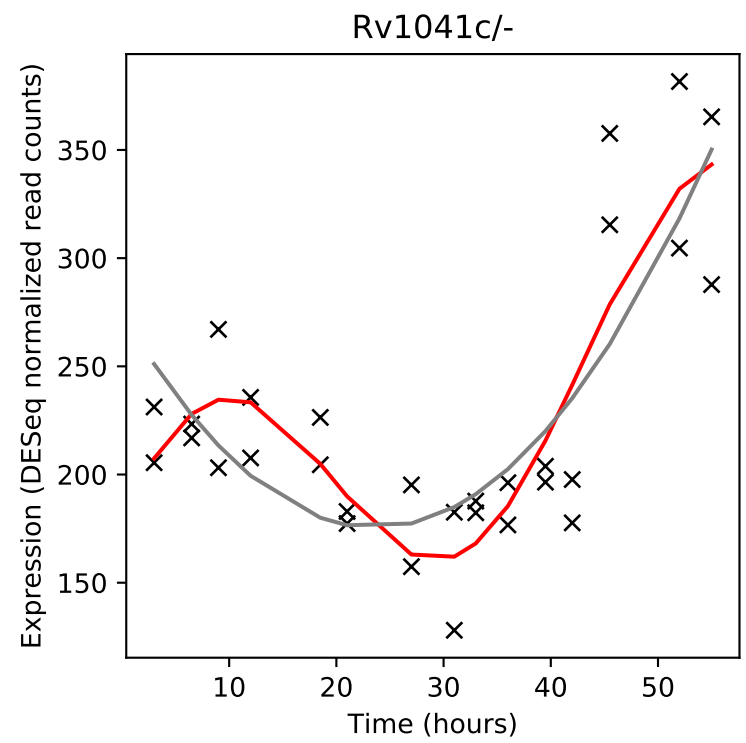

Rv1036c/-
Expression (DESeq normalized read counts)
Time (hours)

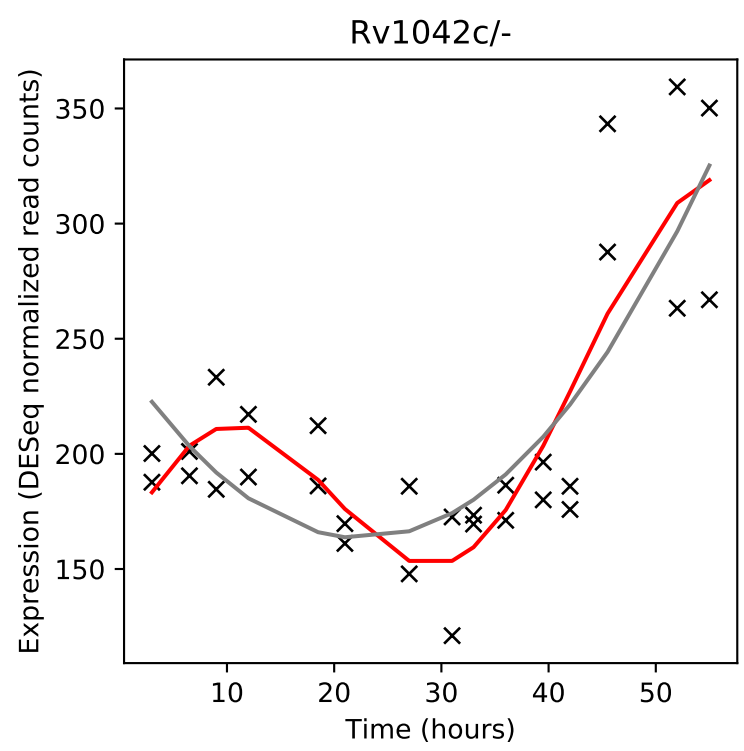

Rv1037c/esxI
Expression (DESeq normalized read counts)
Time (hours)

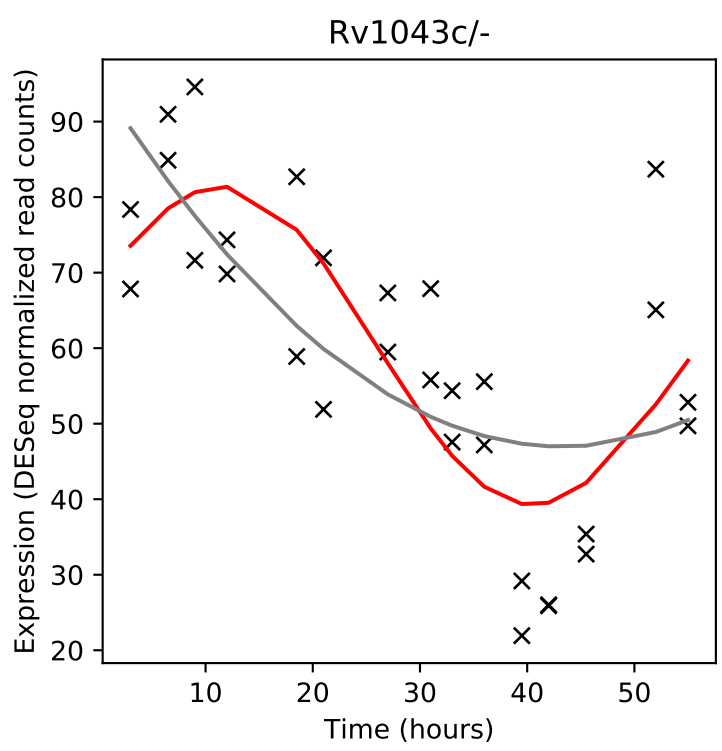

Rv1038c/esxJ
Expression (DESeq normalized read counts)
Time (hours)

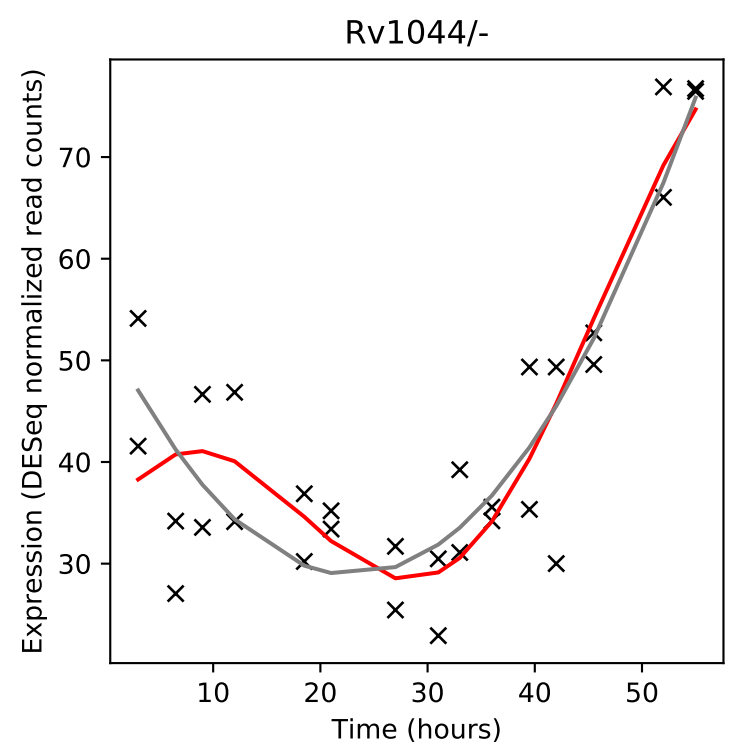

Rv1039c/PPE15
Expression (DESeq normalized read counts)
Time (hours)

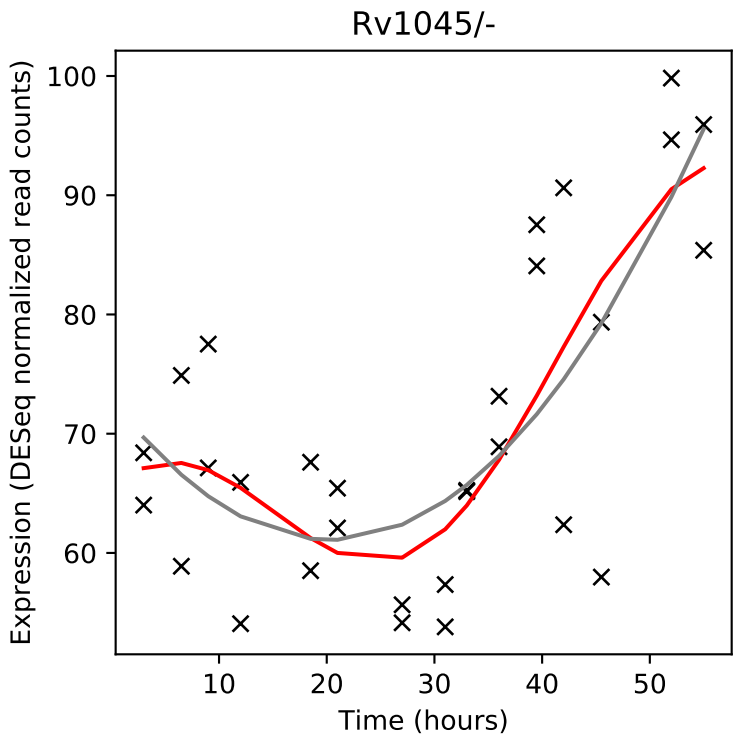

Rv1040c/PE8
Expression (DESeq normalized read counts)
Time (hours)

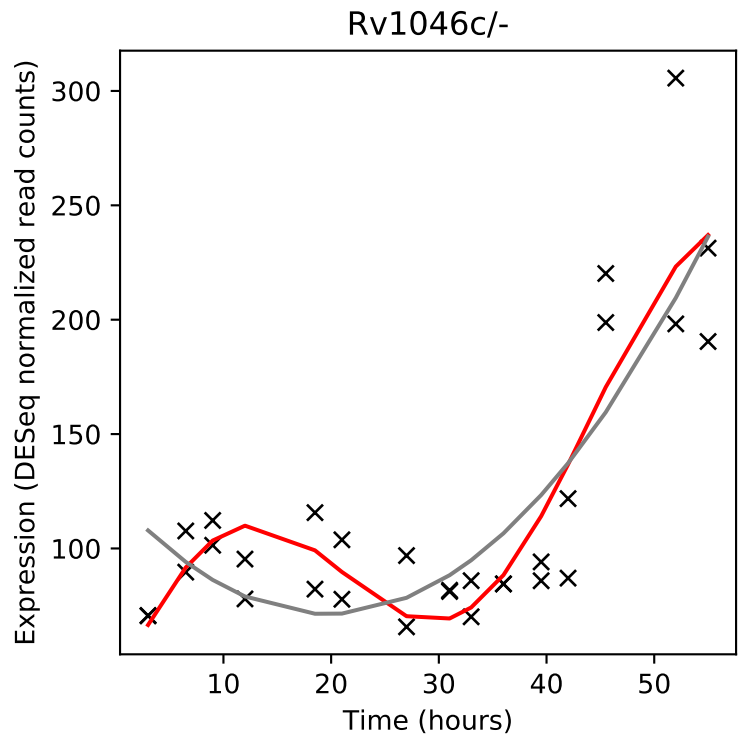

Rv1041c/-
Expression (DESeq normalized read counts)
Time (hours)

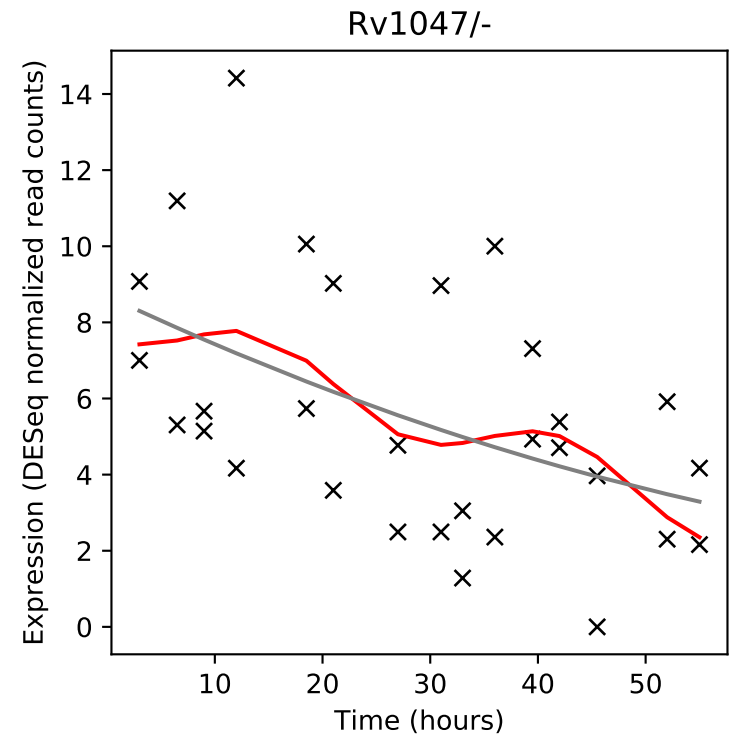

Rv1042c/-
Expression (DESeq normalized read counts)
Time (hours)

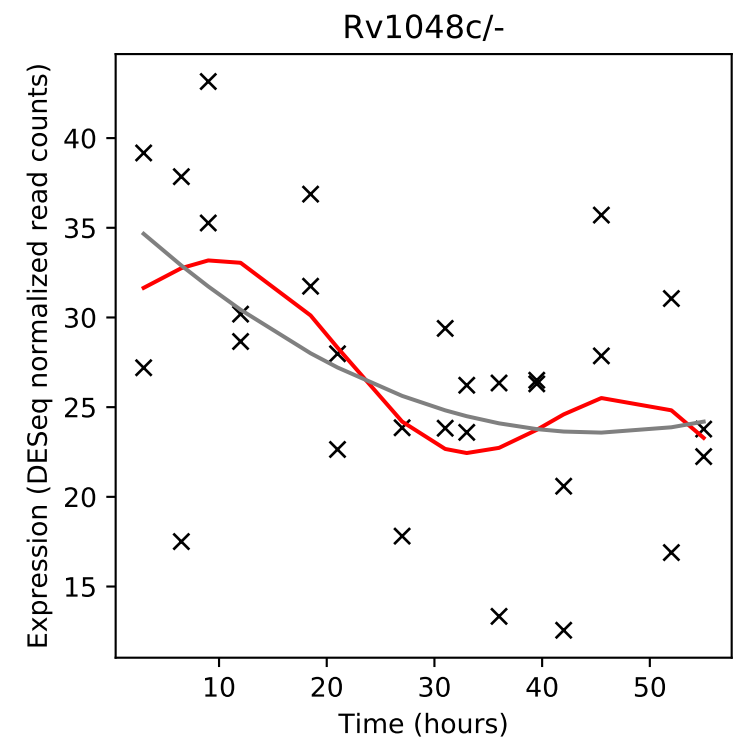

Rv1043c/-
Expression (DESeq normalized read counts)
Time (hours)

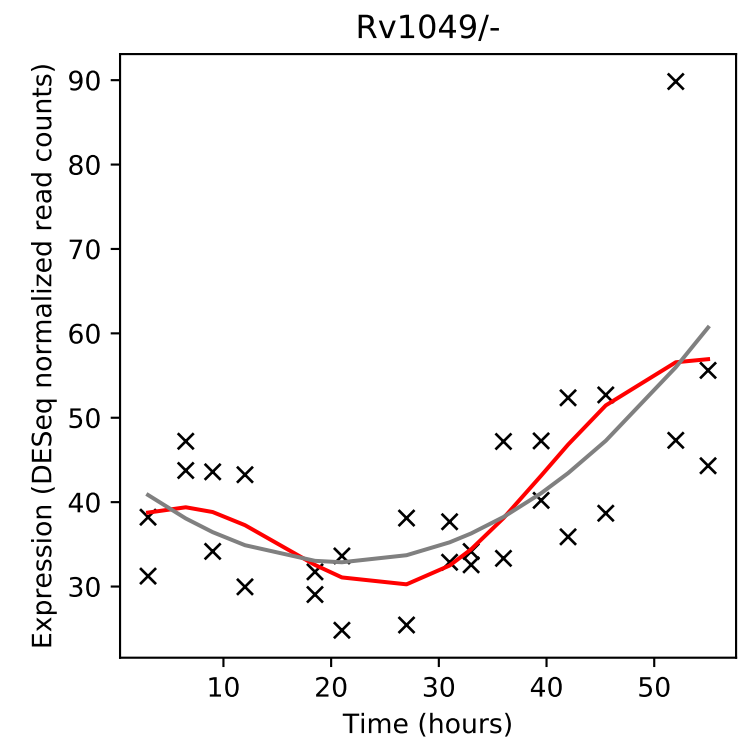

Rv1044/-
Expression (DESeq normalized read counts)
Time (hours)

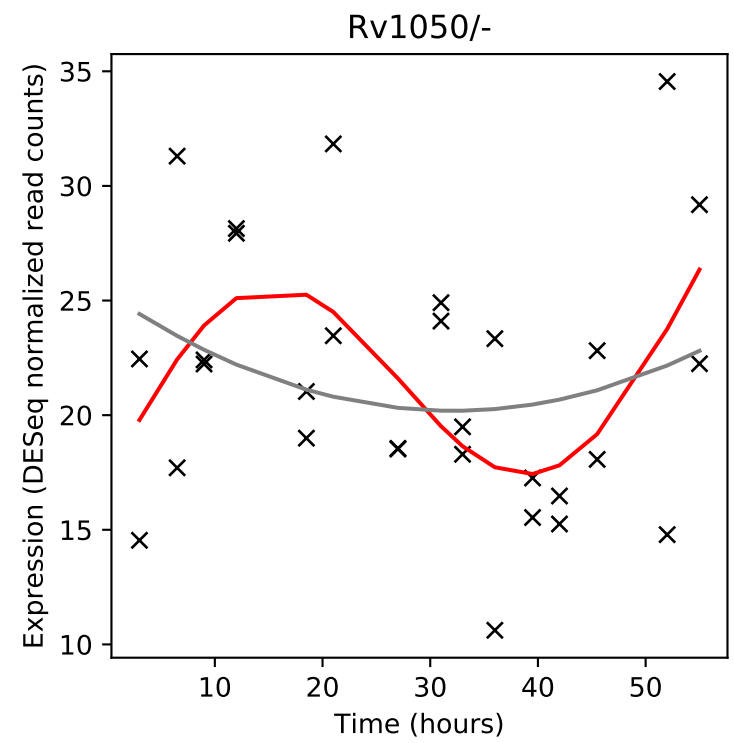

Rv1045/-
Expression (DESeq normalized read counts)
Time (hours)

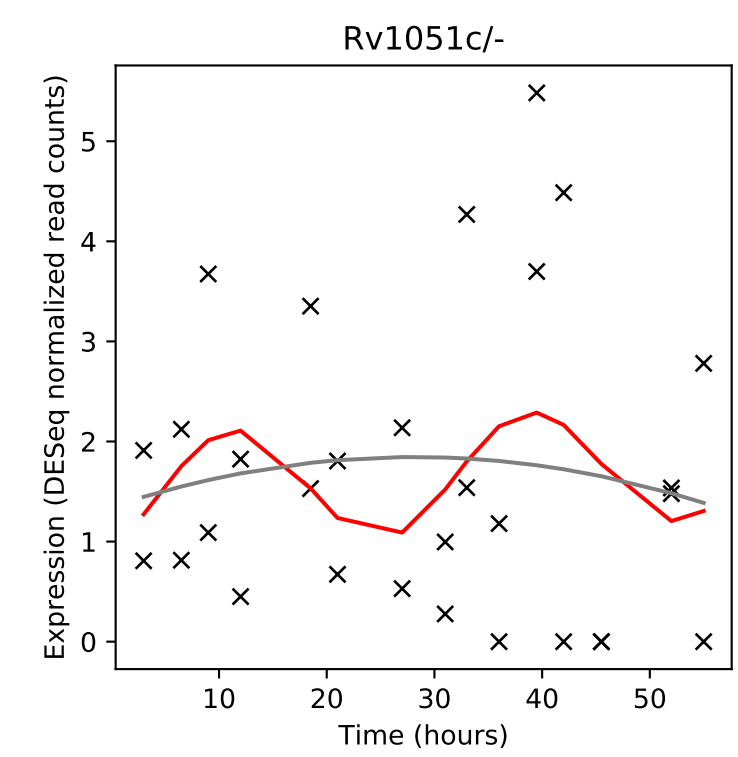

Rv1046c/-
Expression (DESeq normalized read counts)
Time (hours)

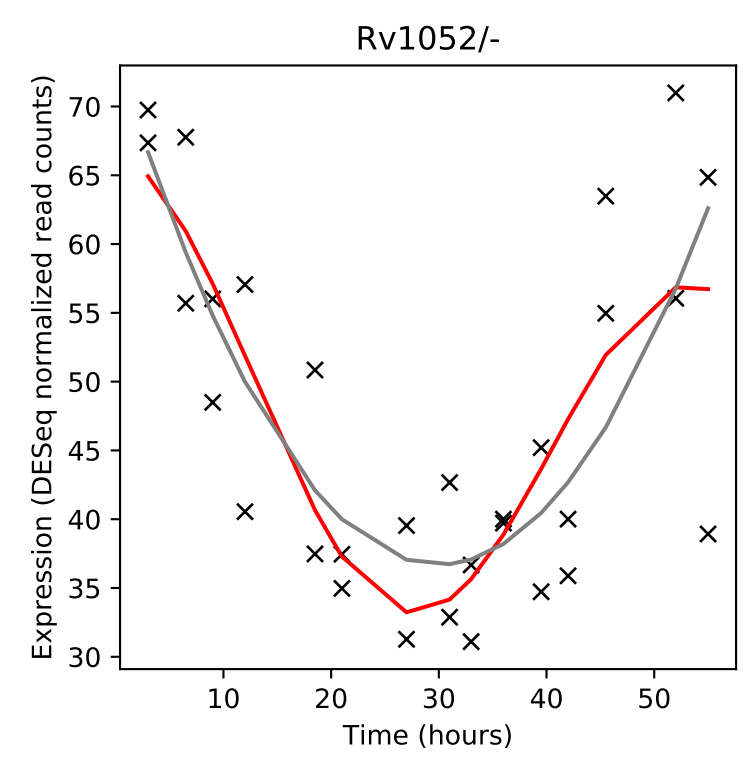

Rv1047/-
Expression (DESeq normalized read counts)
Time (hours)

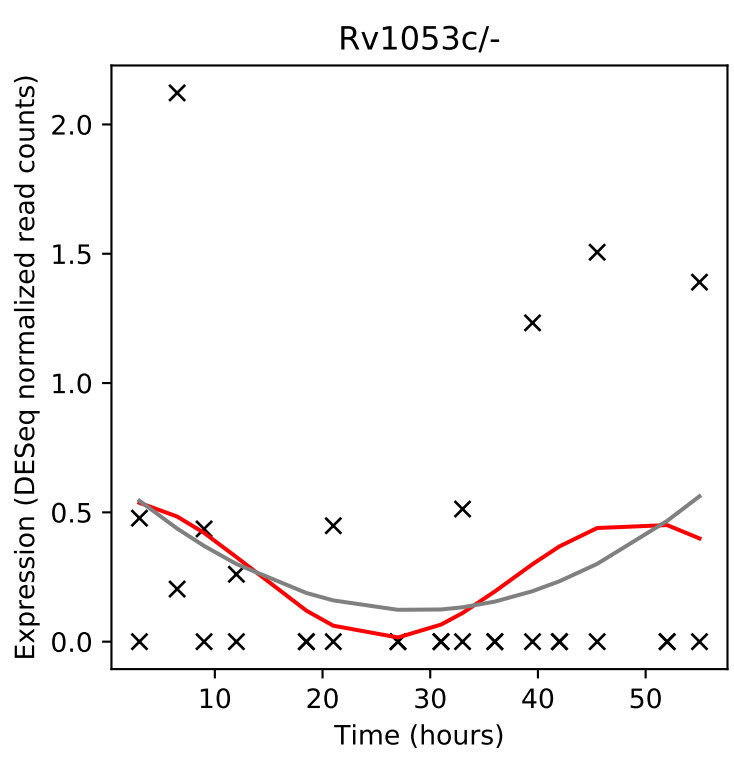

Rv1048c/-
Expression (DESeq normalized read counts)
Time (hours)

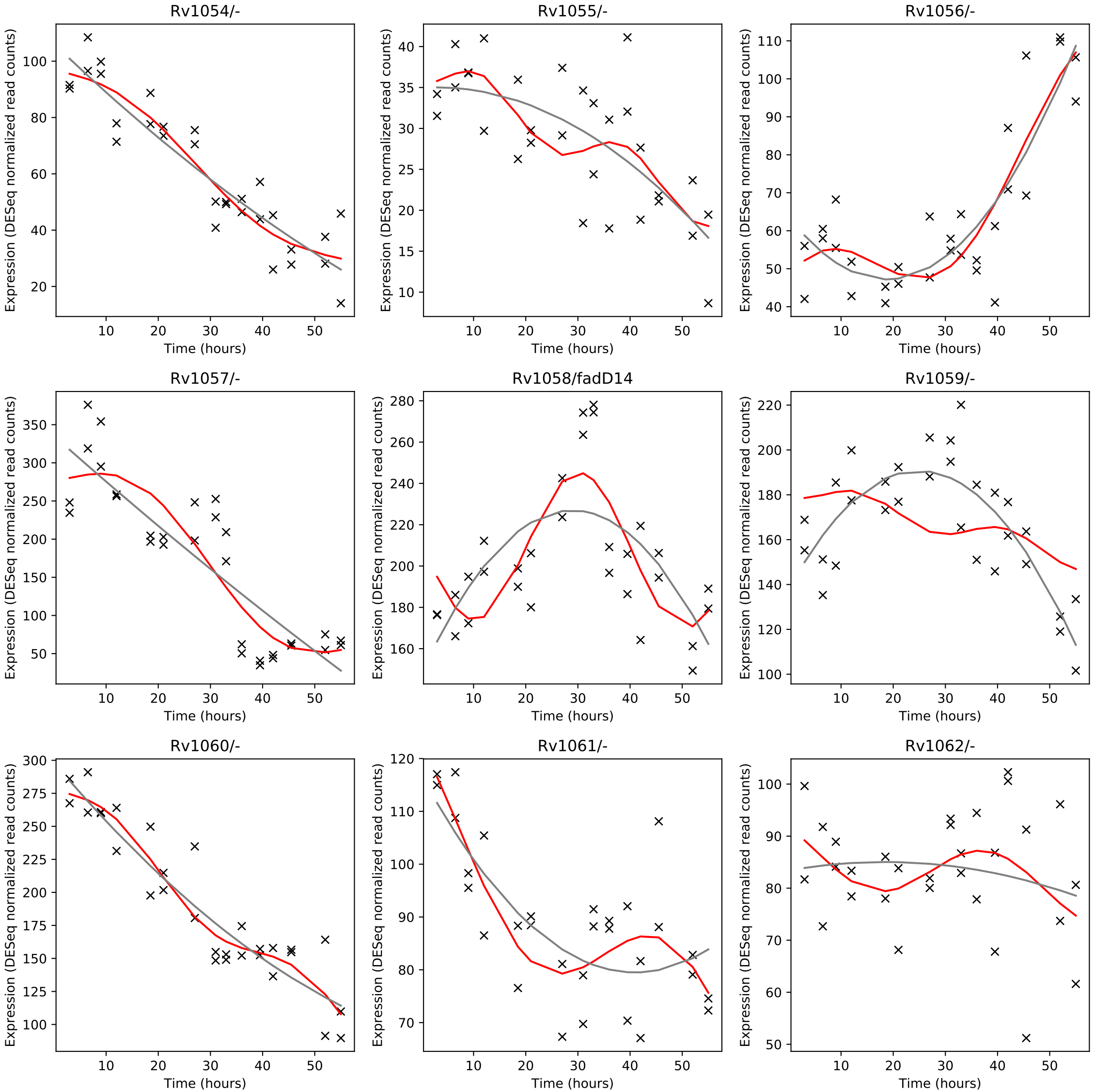

Rv1049/-
Expression (DESeq normalized read counts)
Time (hours)

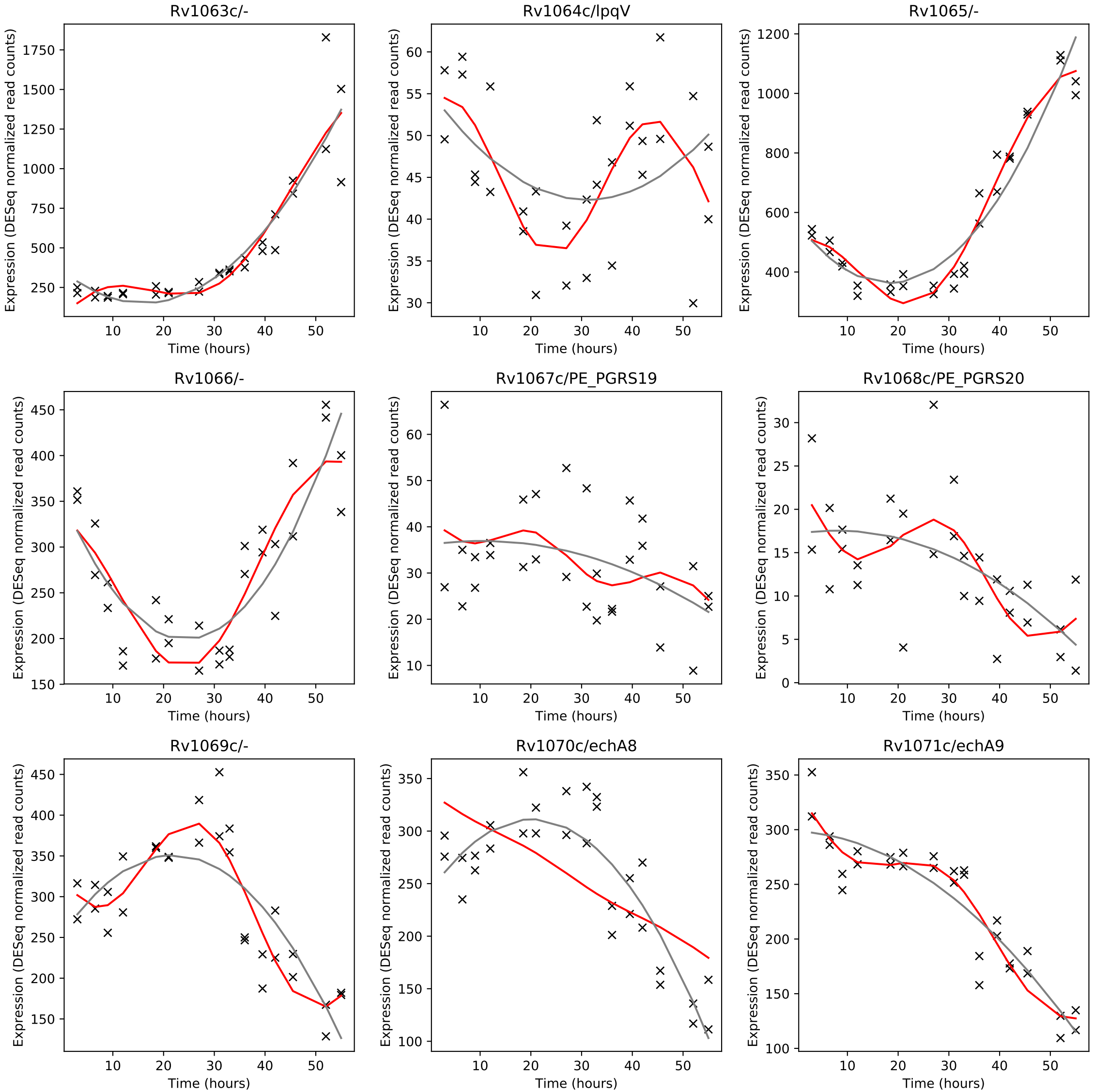

Rv1050/-
Expression (DESeq normalized read counts)
Time (hours)

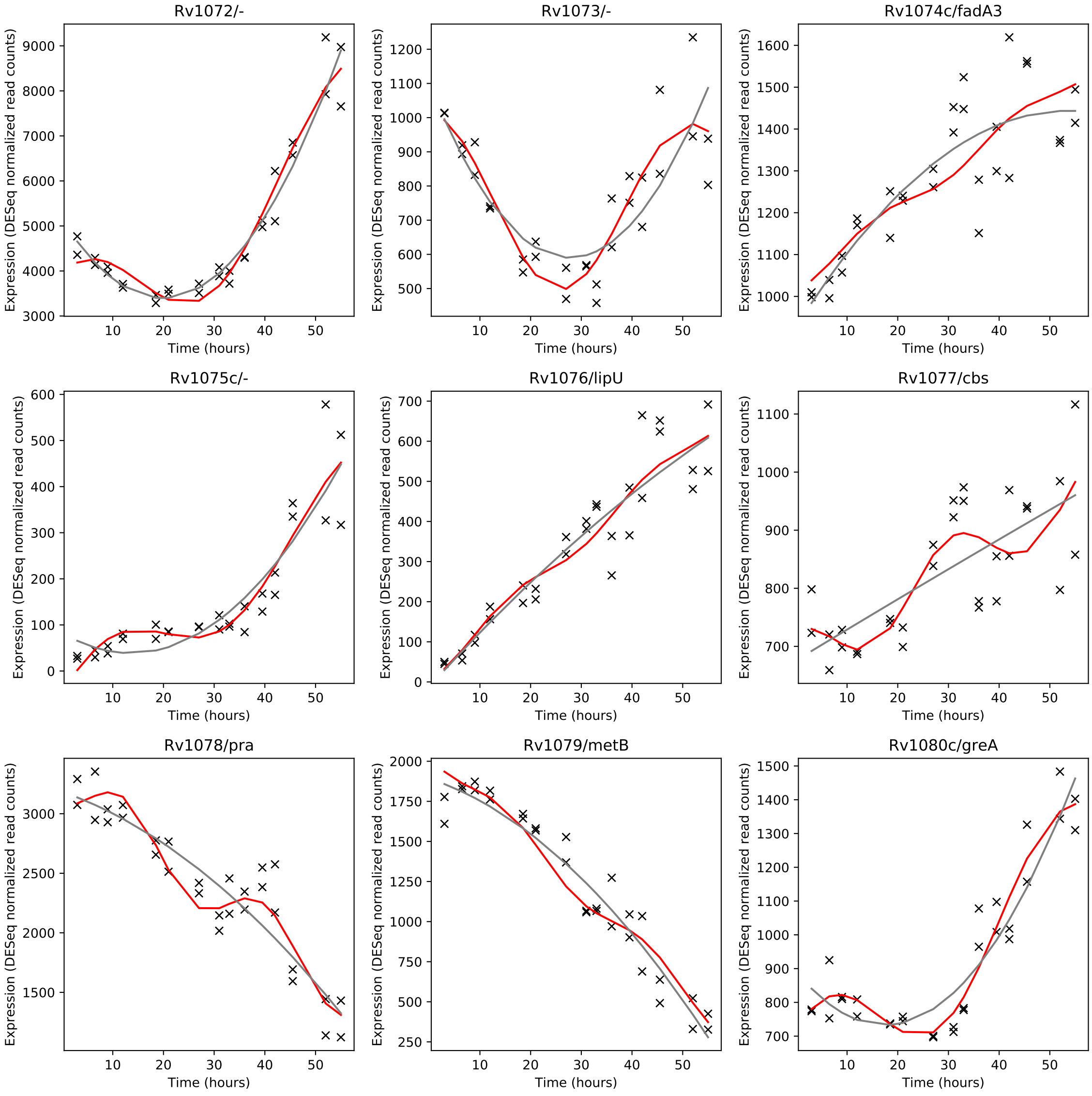

Rv1051c/-
Expression (DESeq normalized read counts)
Time (hours)

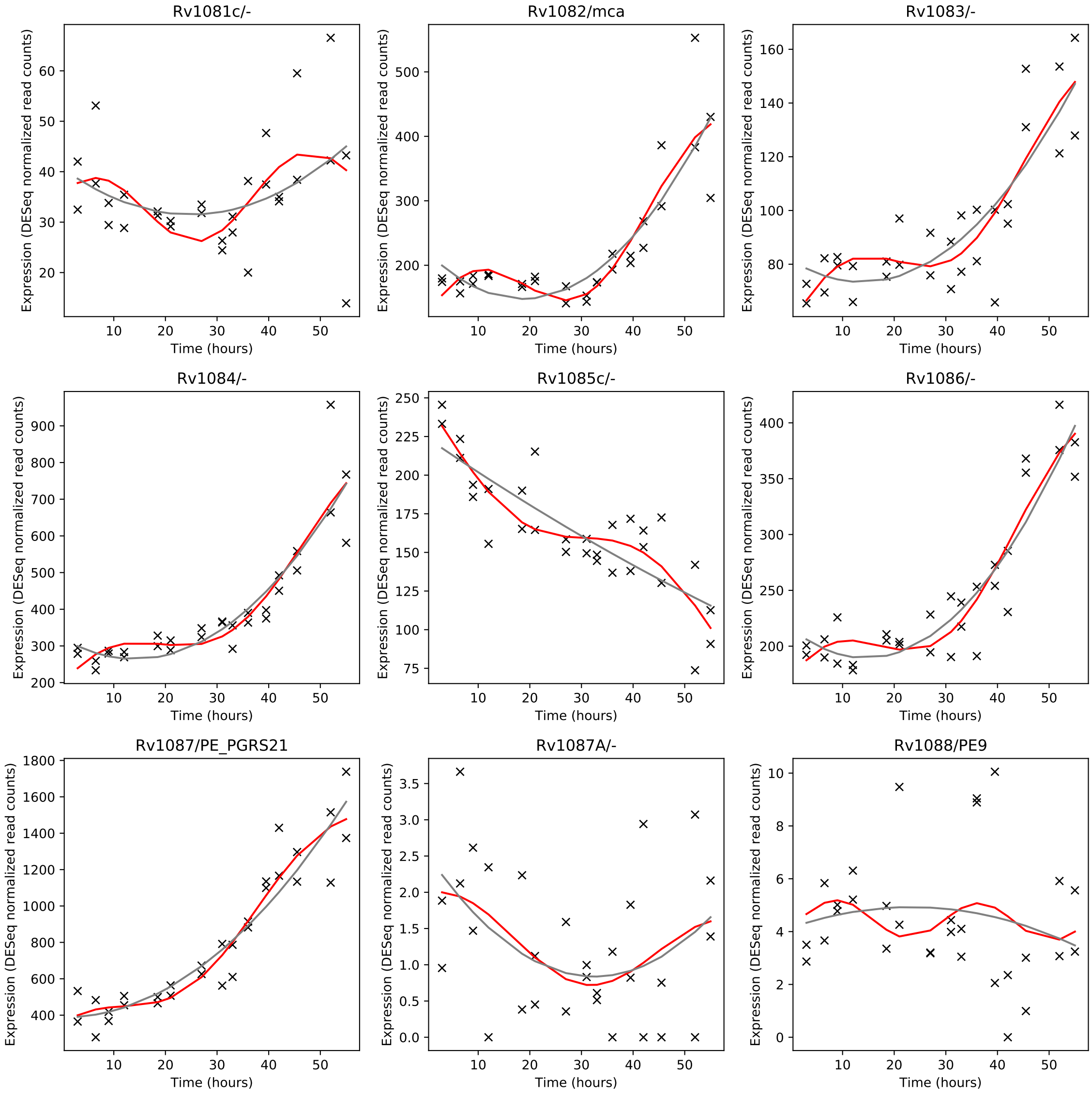

Rv1052/-
Expression (DESeq normalized read counts)
Time (hours)

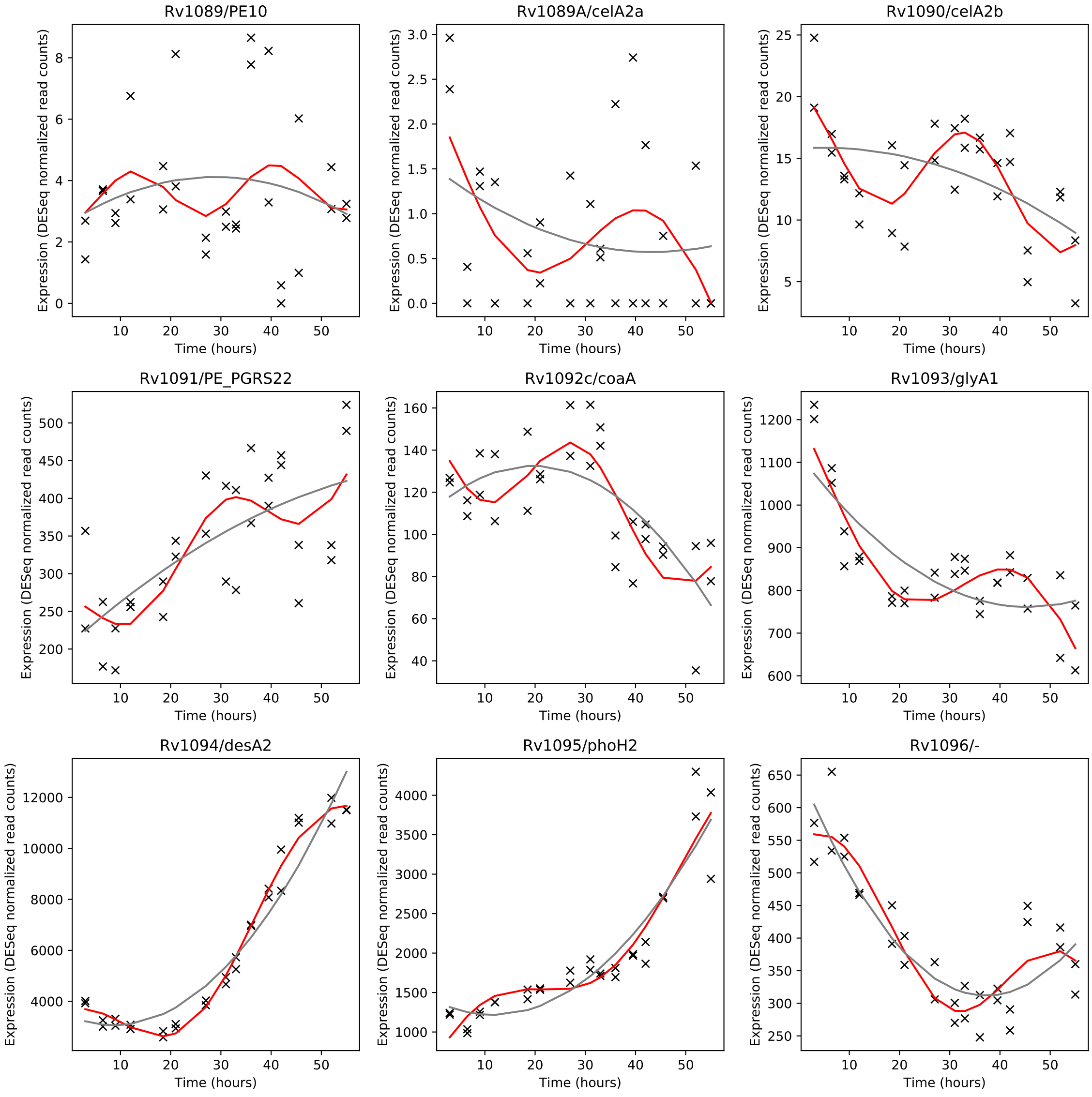

Rv1053c/-
Expression (DESeq normalized read counts)
Time (hours)

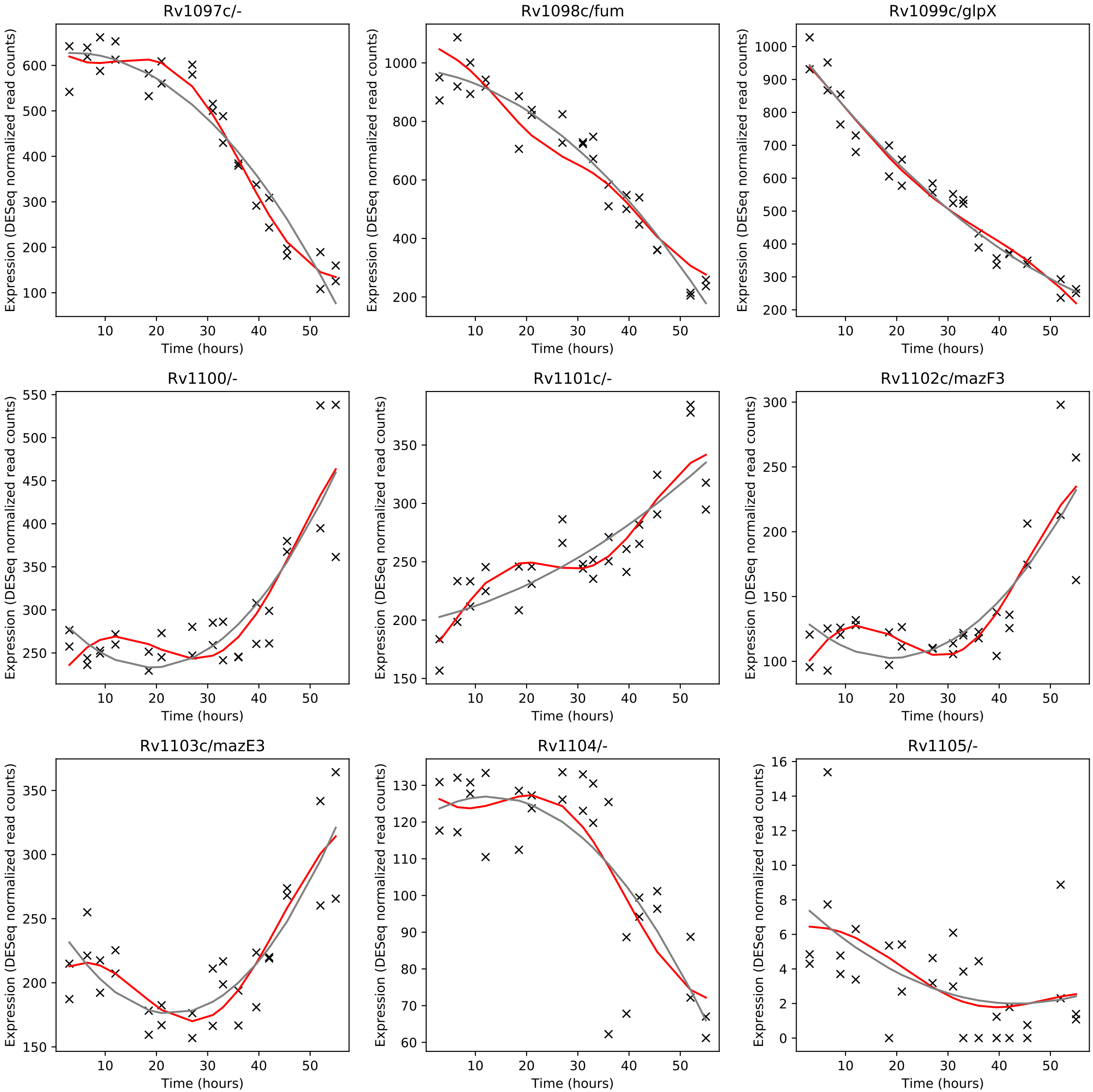

Rv1054/-
Rv1055/-
Rv1056/-
Rv1057/-
Rv1058/fadD14
Rv1059/-
Rv1060/-
Rv1061/-
Rv1062/-
Expression (DESeq normalized read counts)
Time (hours)

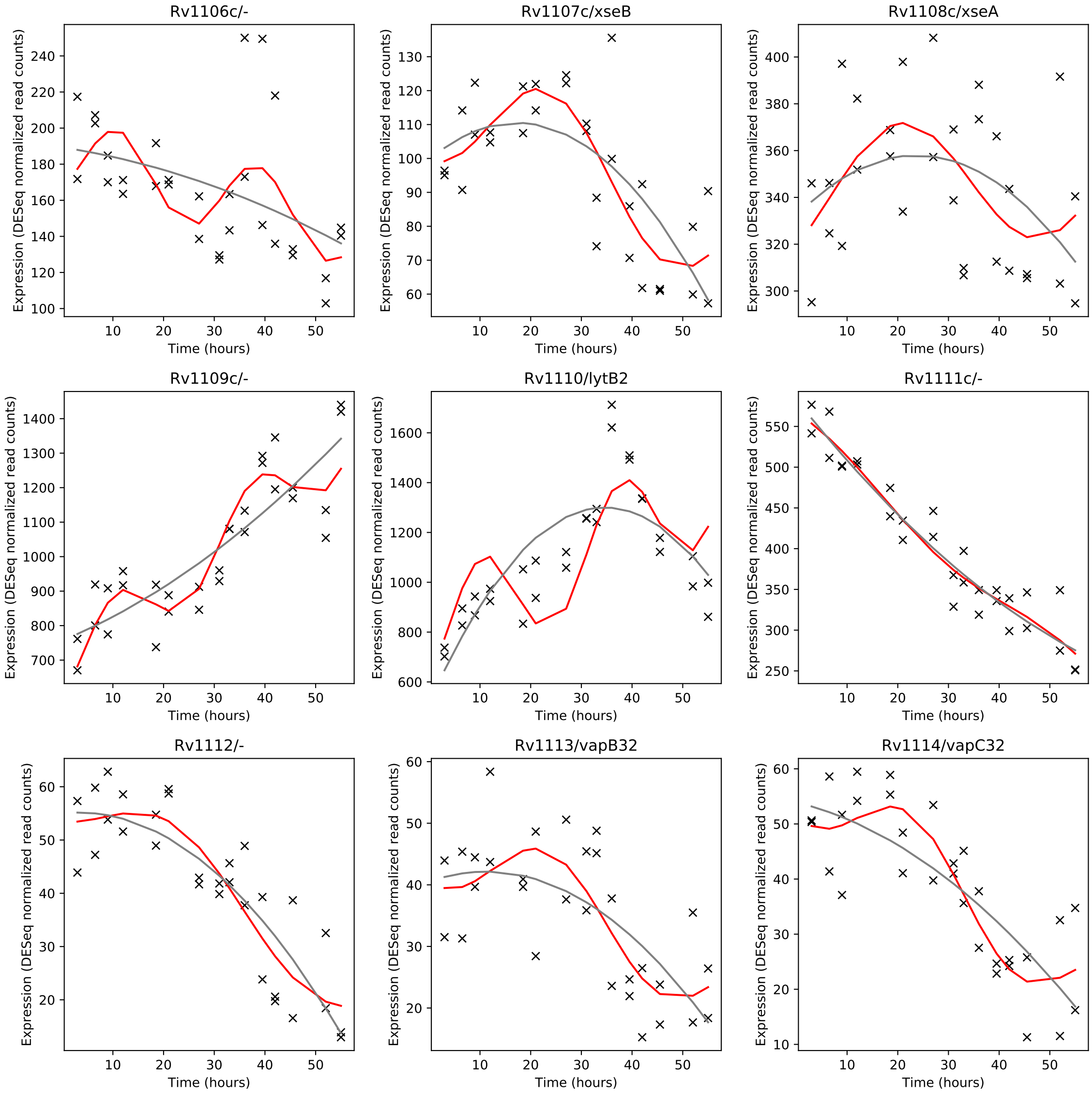

Rv1063c/-
Rv1064c/lpqV
Rv1065/-
Rv1066/-
Rv1067c/PE_PGRS19
Rv1068c/PE_PGRS20
Rv1069c/-
Rv1070c/echA8
Rv1071c/echA9
Expression (DESeq normalized read counts)
Time (hours)

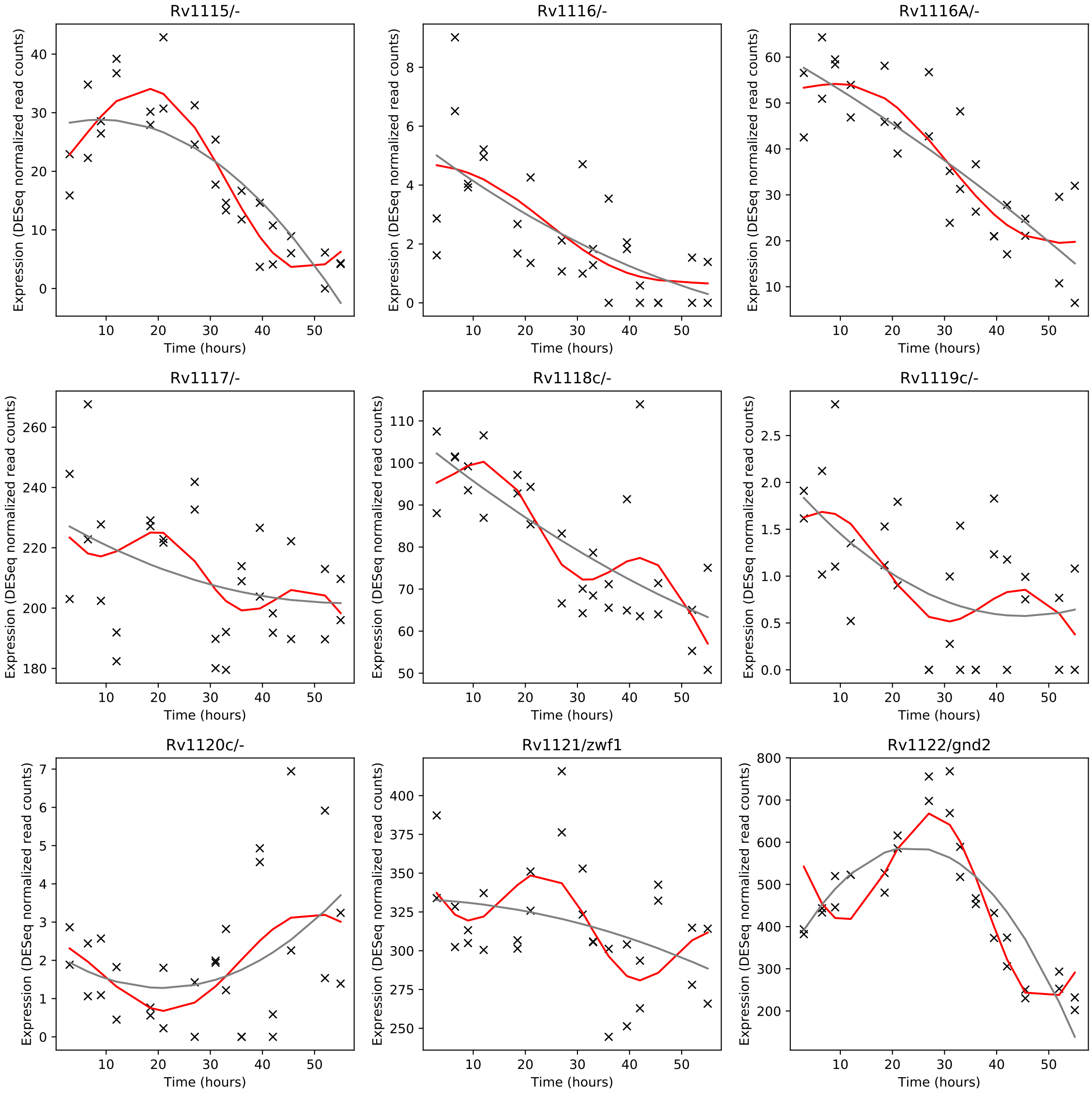

Rv1072/-
Rv1073/-
Rv1074c/fadA3
Rv1075c/-
Rv1076/lipU
Rv1077/cbs
Rv1078/pra
Rv1079/metB
Rv1080c/greA
Expression (DESeq normalized read counts)
Time (hours)

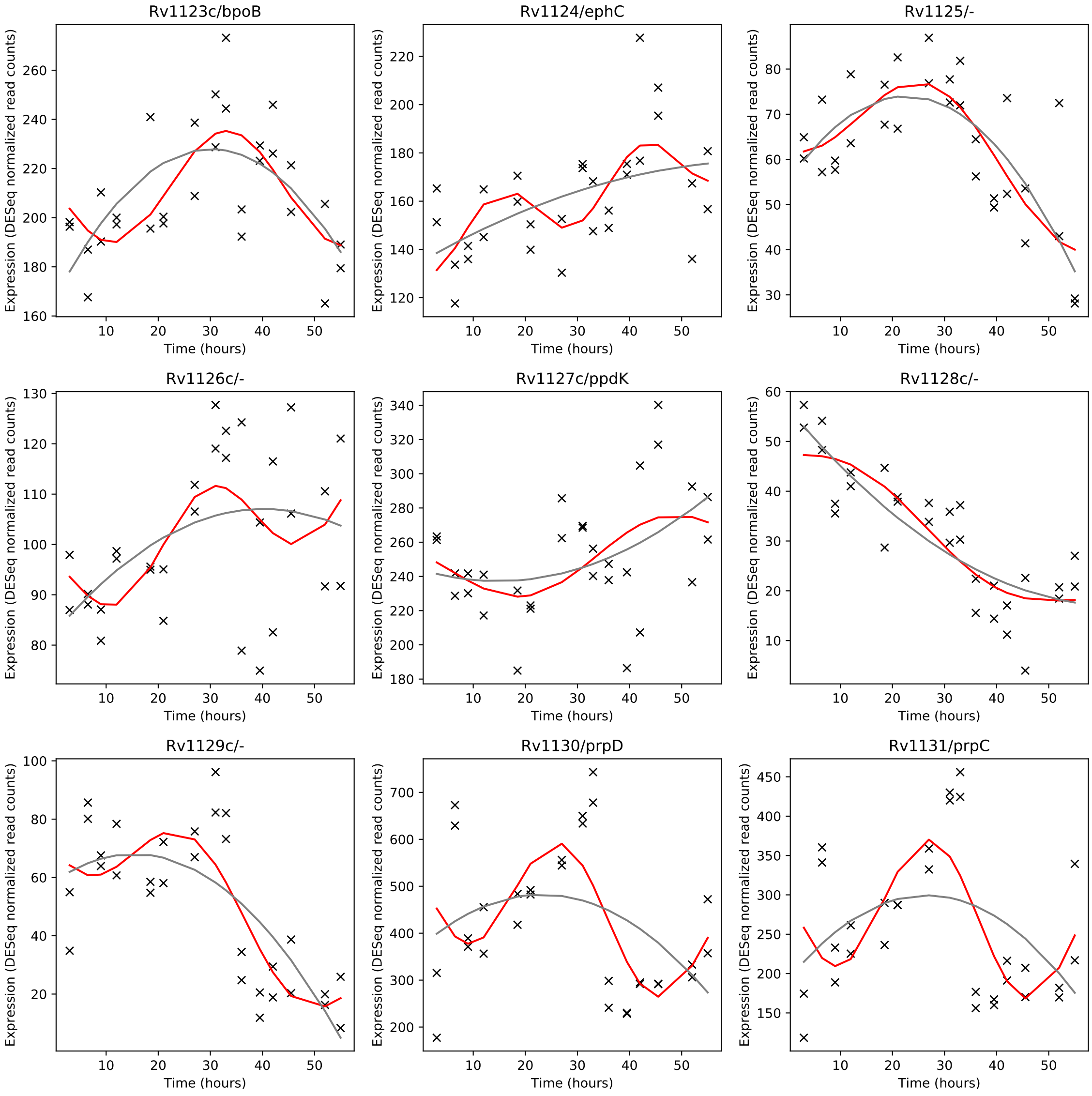

Rv1081c/-
Rv1082/mca
Rv1083/-
Rv1084/-
Rv1085c/-
Rv1086/-
Rv1087/PE_PGRS21
Rv1087A/-
Rv1088/PE9
Expression (DESeq normalized read counts)
Time (hours)

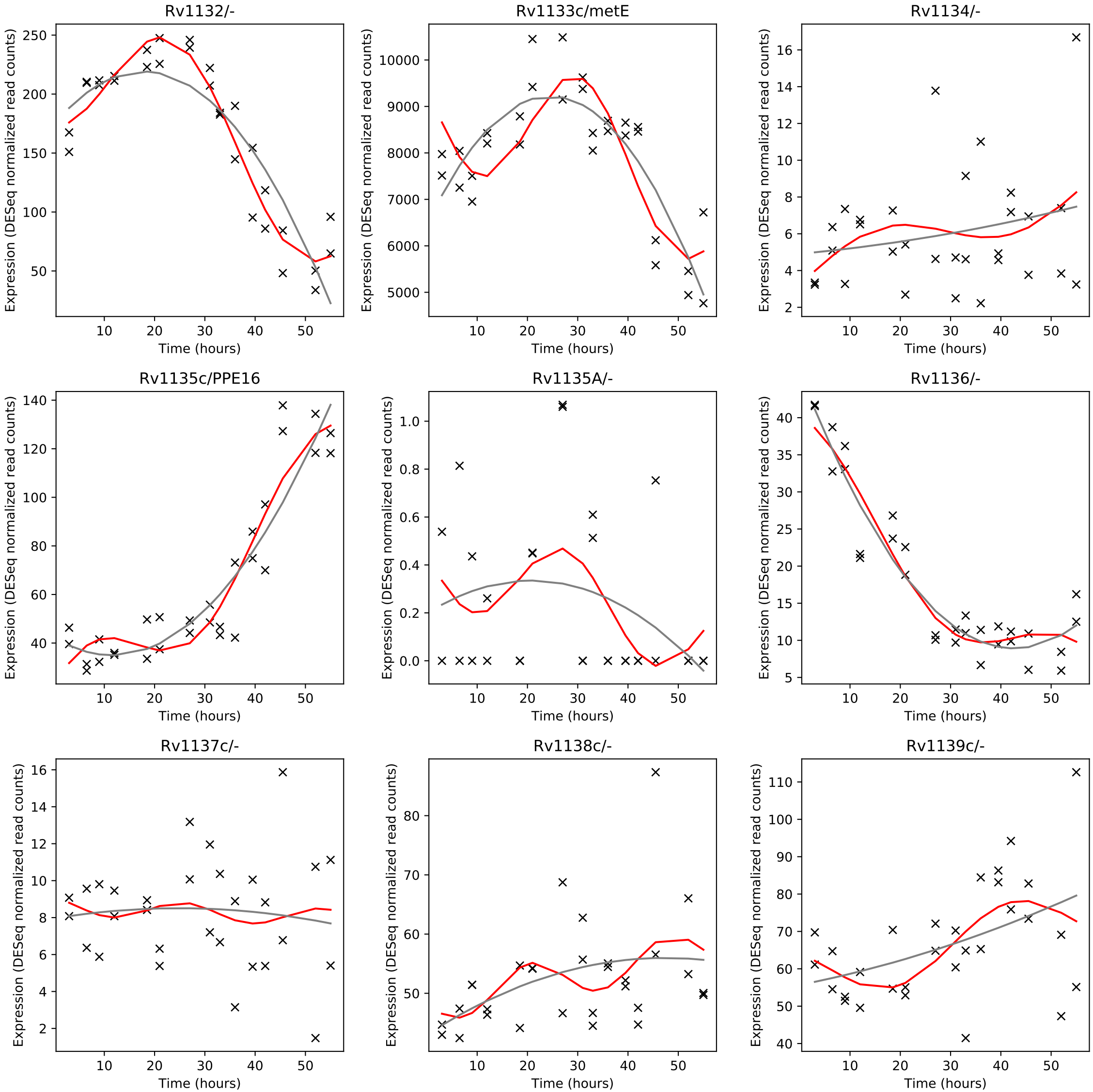

Rv1089/PE10
Rv1089A/celA2a
Rv1090/celA2b
Rv1091/PE_PGRS22
Rv1092c/coaA
Rv1093/glyA1
Rv1094/desA2
Rv1095/phoH2
Rv1096/-
Expression (DESeq normalized read counts)
Time (hours)

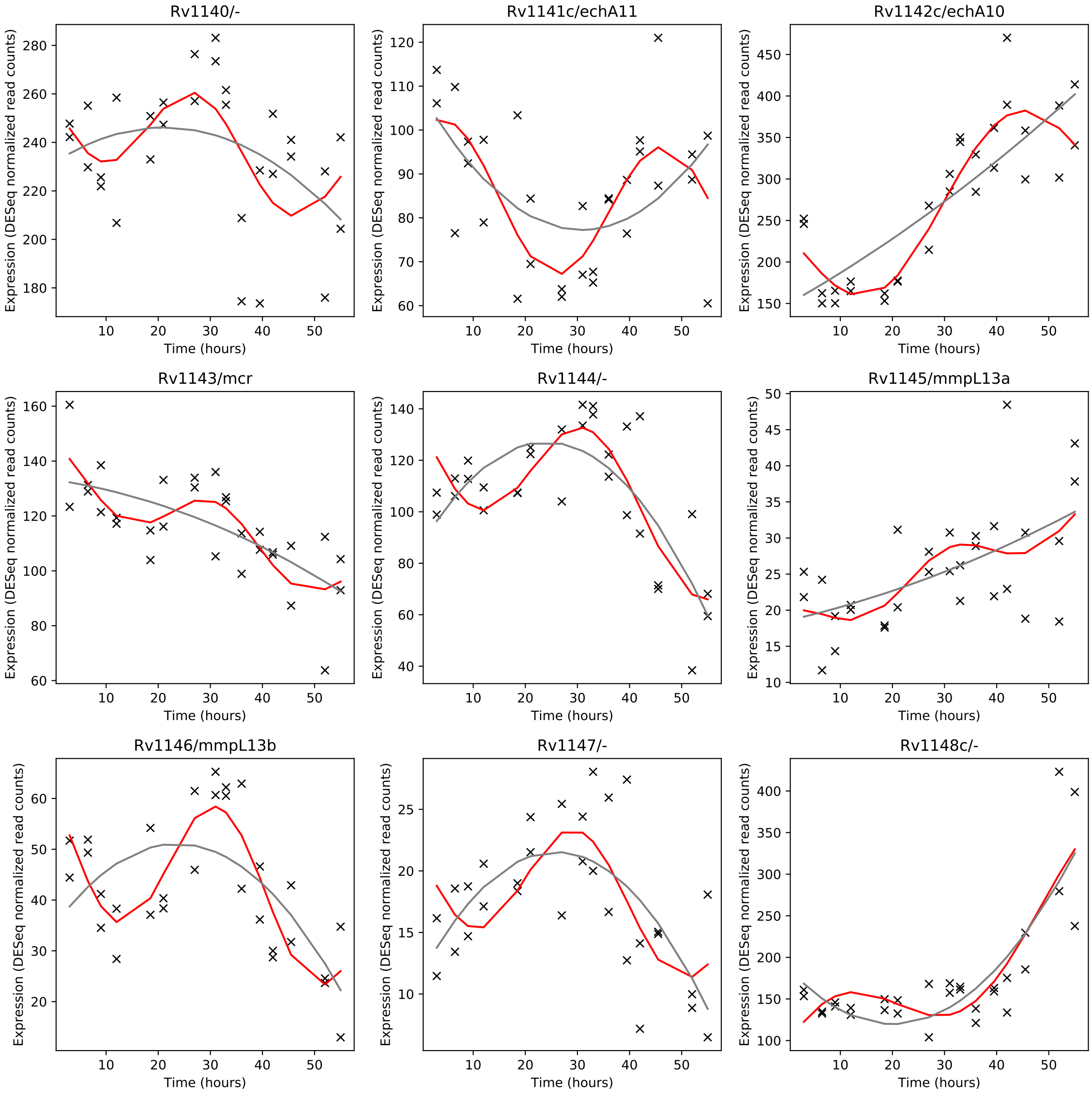

Rv1097c/-
Rv1098c/fum
Rv1099c/glpX
Rv1100/-
Rv1101c/-
Rv1102c/mazF3
Rv1103c/mazE3
Rv1104/-
Rv1105/-
Expression (DESeq normalized read counts)
Time (hours)

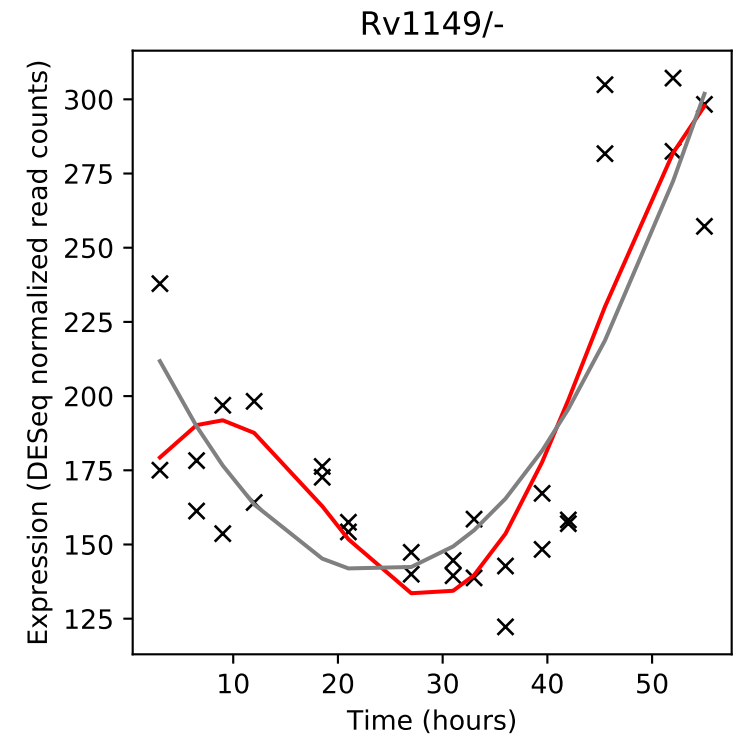

Rv1106c/-
Rv1107c/xseB
Rv1108c/xseA
Rv1109c/-
Rv1110/lytB2
Rv1111c/-
Rv1112/-
Rv1113/vapB32
Rv1114/vapC32
Expression (DESeq normalized read counts)
Time (hours)

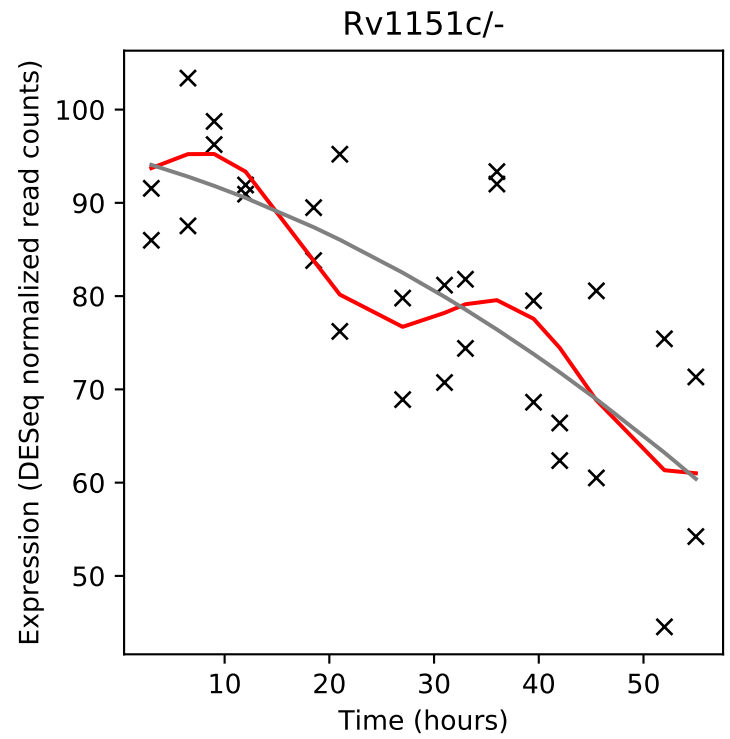

Rv1115/-
Rv1116/-
Rv1116A/-
Rv1117/-
Rv1118c/-
Rv1119c/-
Rv1120c/-
Rv1121/zwf1
Rv1122/gnd2
Expression (DESeq normalized read counts)
Time (hours)

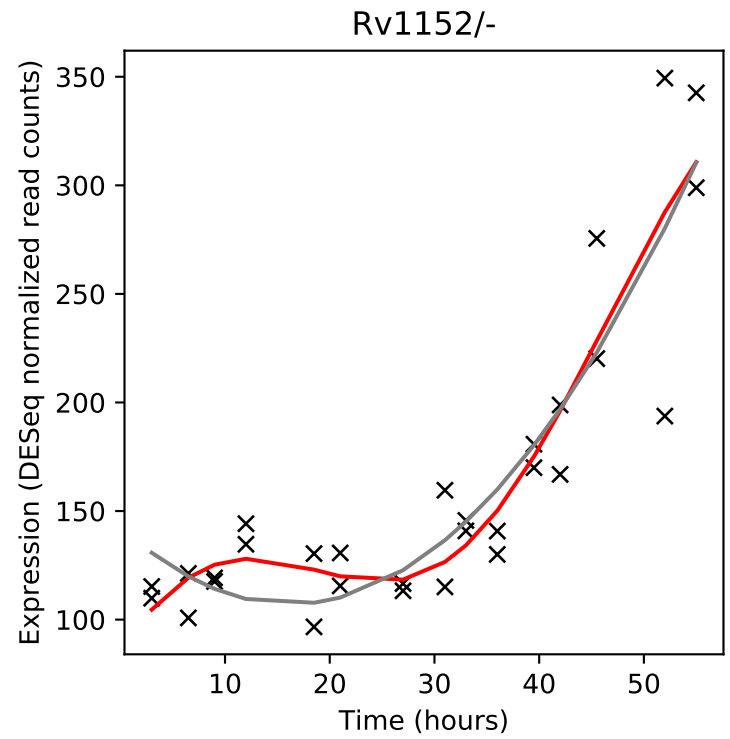

Rv1123c/bpoB
Rv1124/ephC
Rv1125/-
Rv1126c/-
Rv1127c/ppdK
Rv1128c/-
Rv1129c/-
Rv1130/prpD
Rv1131/prpC
Expression (DESeq normalized read counts)
Time (hours)

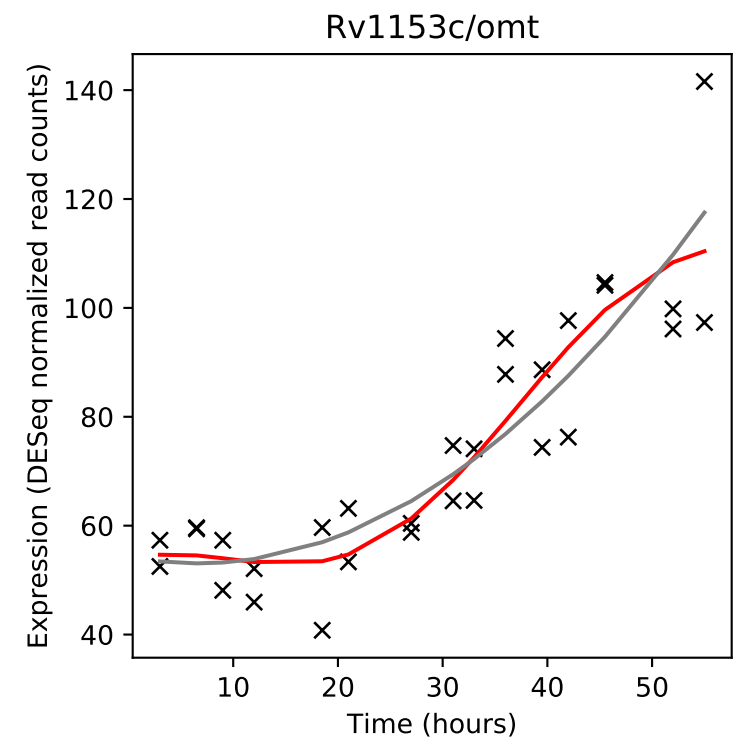

Rv1132/-
Rv1133c/metE
Rv1134/-
Rv1135c/PPE16
Rv1135A/-
Rv1136/-
Rv1137c/-
Rv1138c/-
Rv1139c/-
Expression (DESeq normalized read counts)
Time (hours)

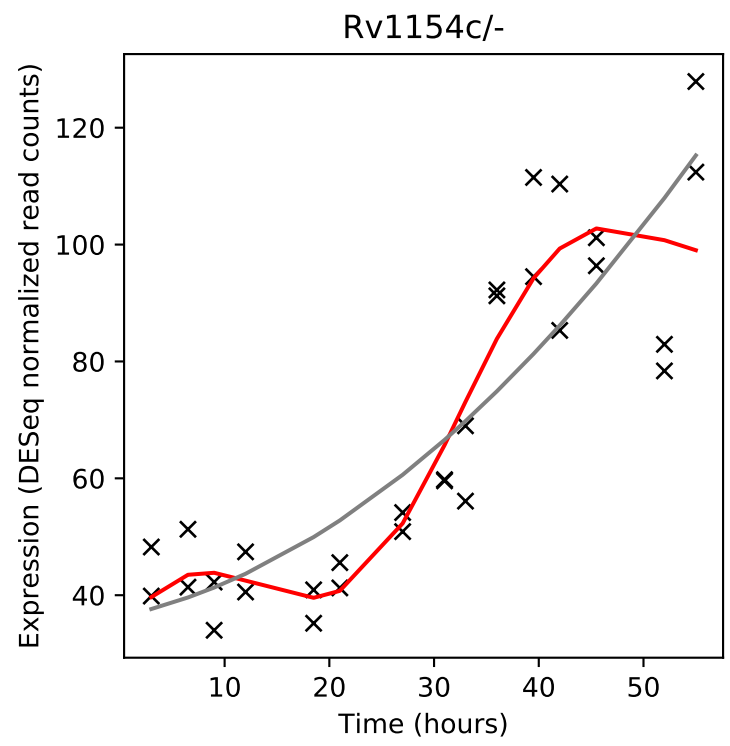

Rv1140/-
Rv1141c/echA11
Rv1142c/echA10
Rv1143/mcr
Rv1144/-
Rv1145/mmpL13a
Rv1146/mmpL13b
Rv1147/-
Rv1148c/-
Expression (DESeq normalized read counts)
Time (hours)

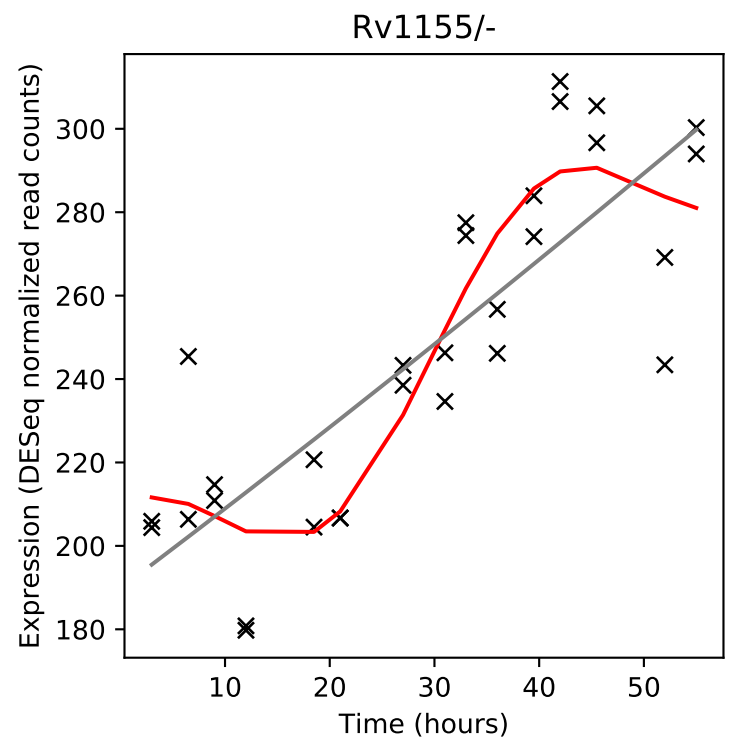

Rv1149/-
Expression (DESeq normalized read counts)
Time (hours)

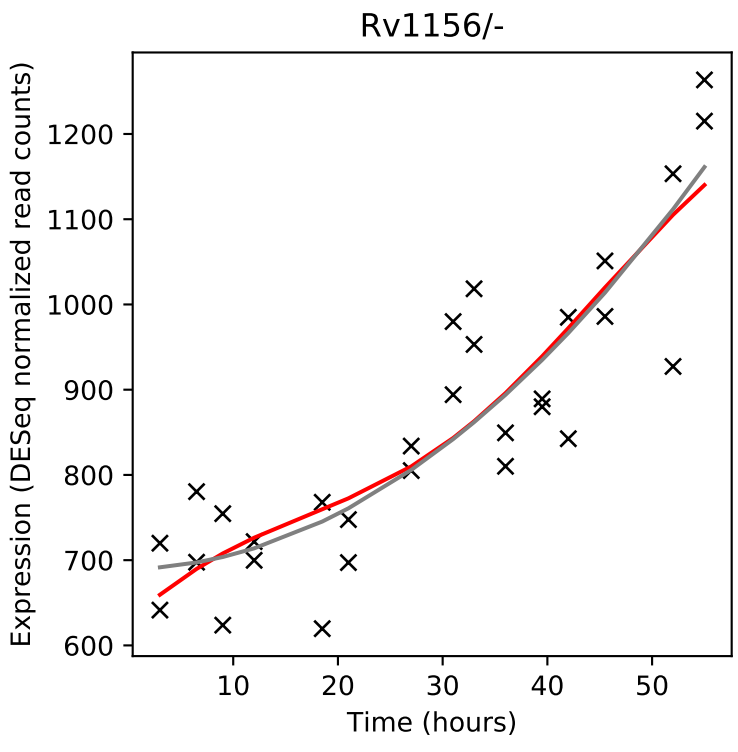

Rv1151c/-
Expression (DESeq normalized read counts)
Time (hours)

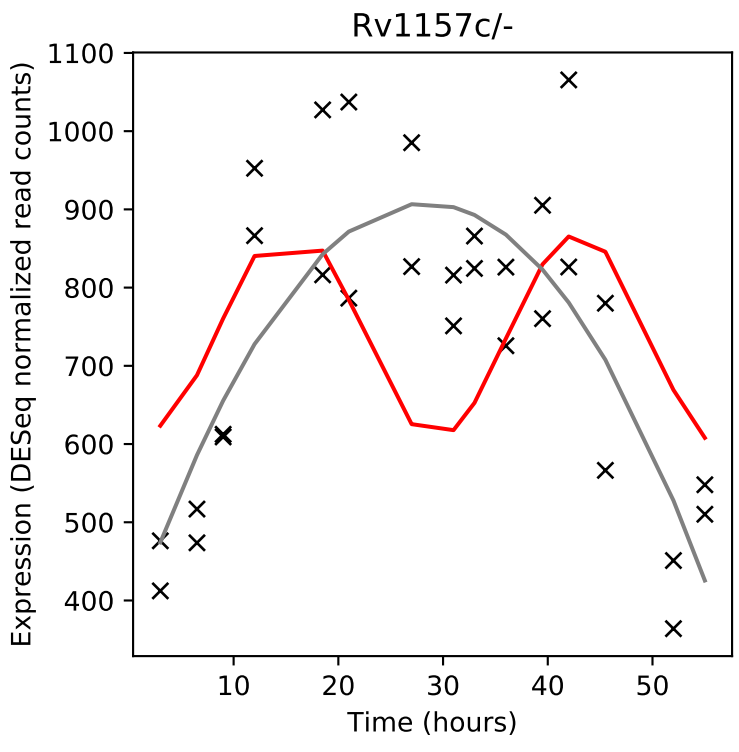

Rv1152/-
Expression (DESeq normalized read counts)
Time (hours)

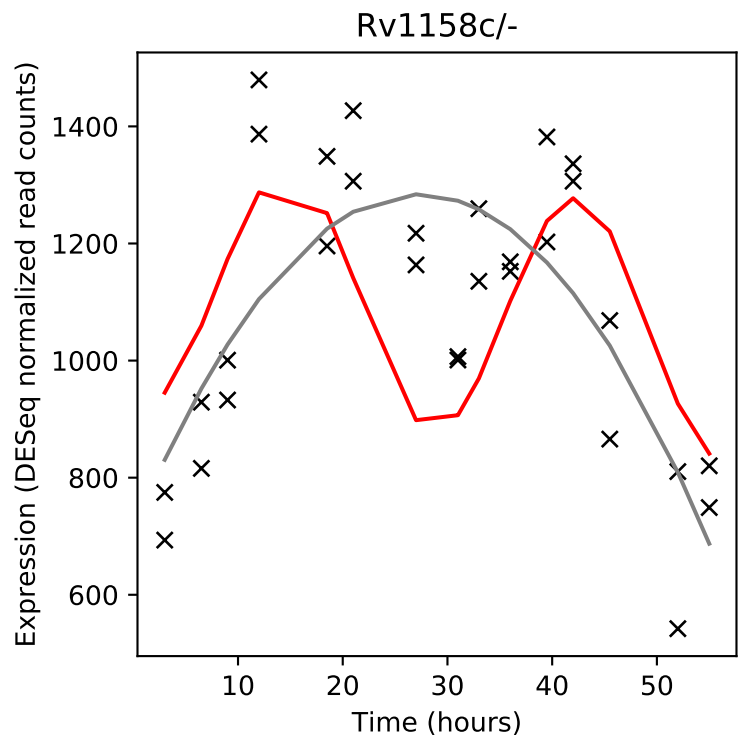

Rv1153c/omt
Expression (DESeq normalized read counts)
Time (hours)

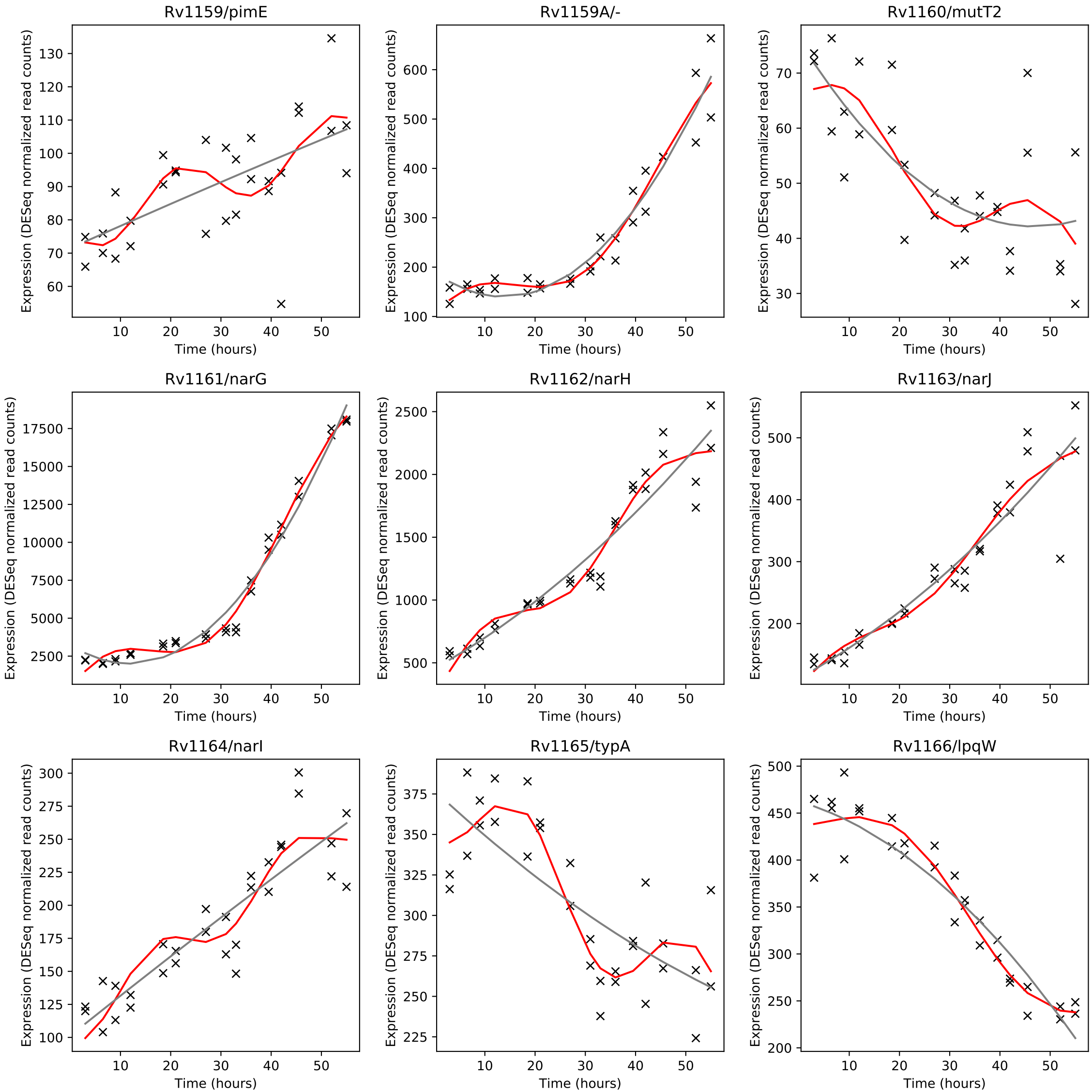

Rv1154c/-
Expression (DESeq normalized read counts)
Time (hours)

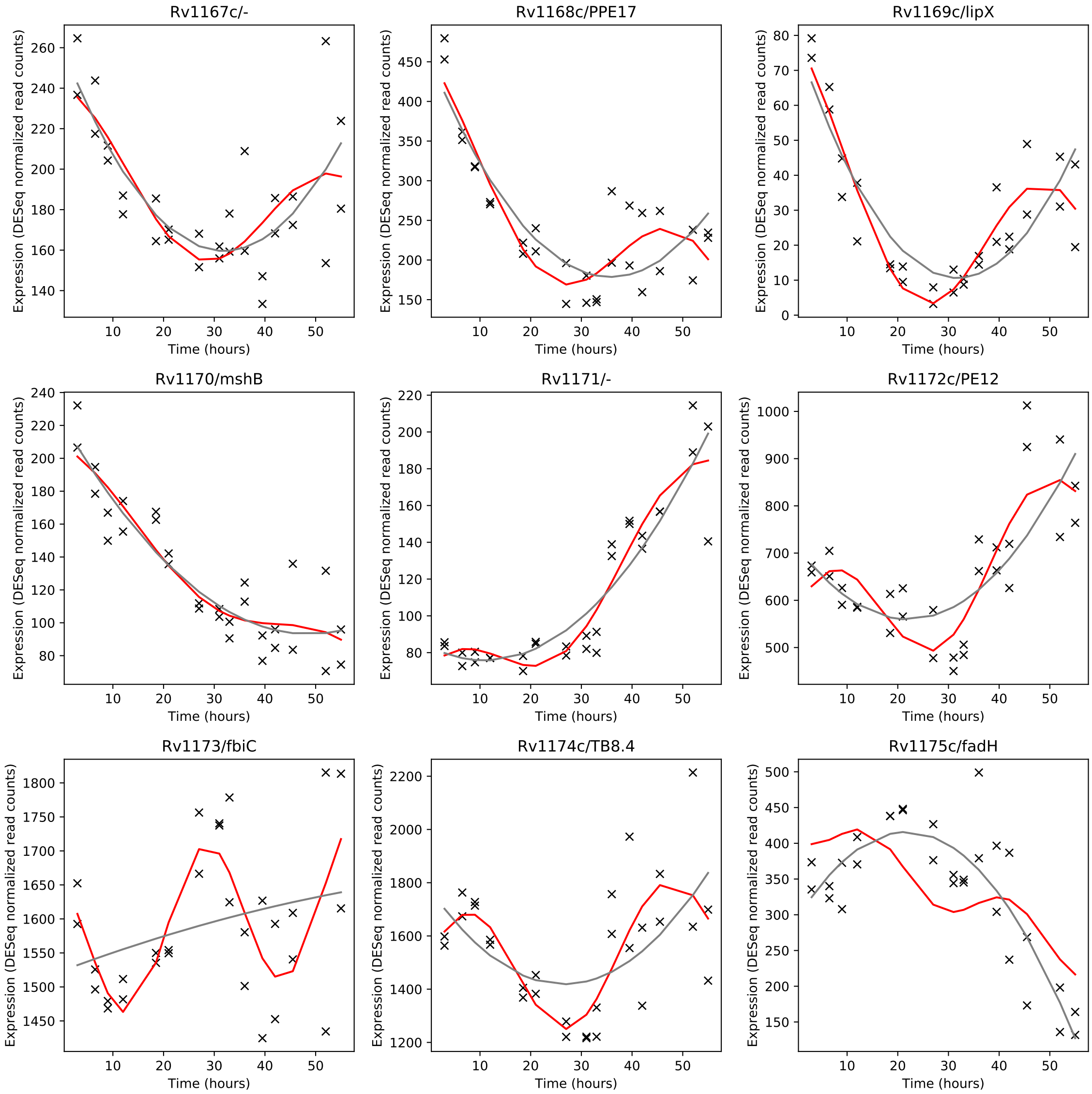

Rv1155/-
Expression (DESeq normalized read counts)
Time (hours)

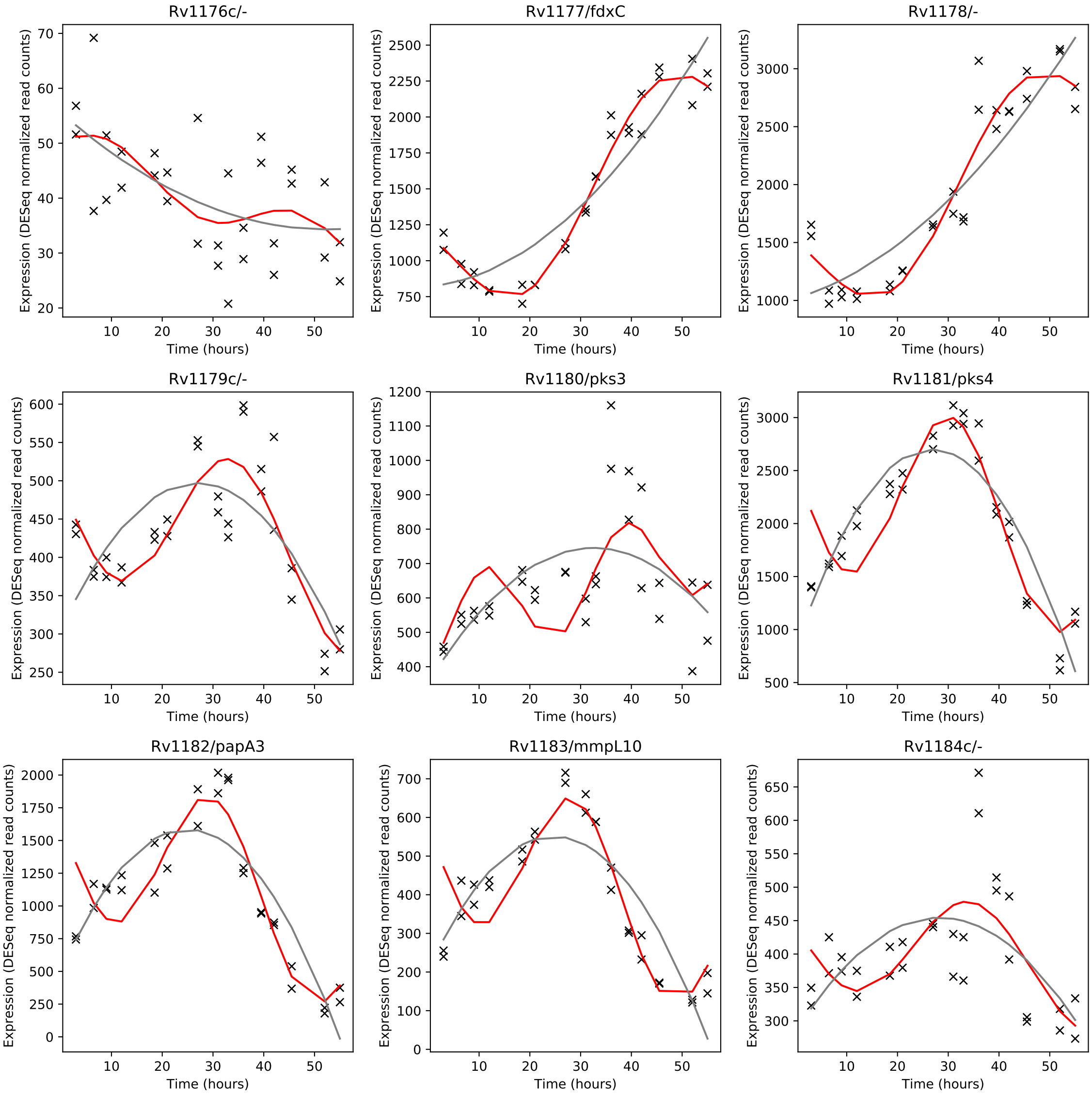

Rv1156/-
Expression (DESeq normalized read counts)
Time (hours)

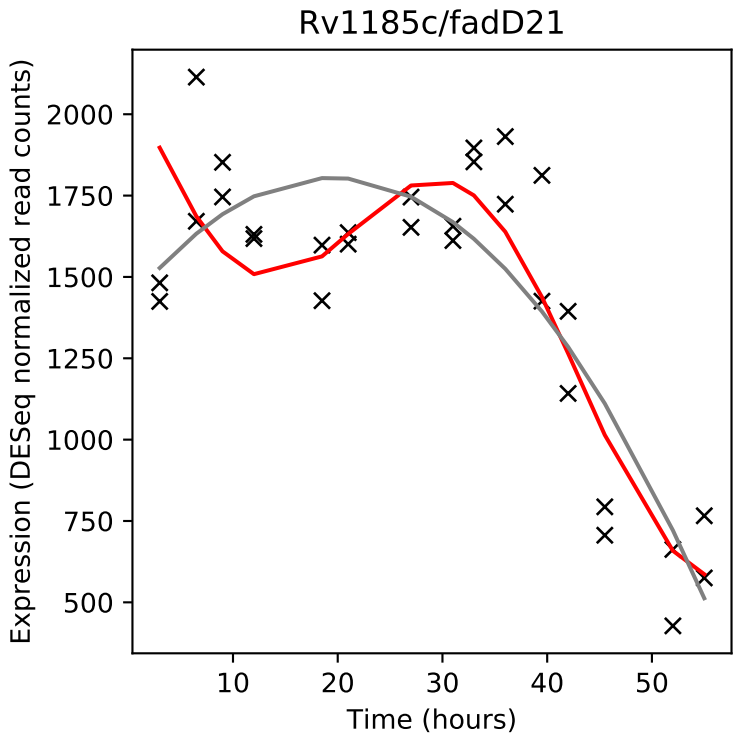

Rv1157c/-
Expression (DESeq normalized read counts)
Time (hours)

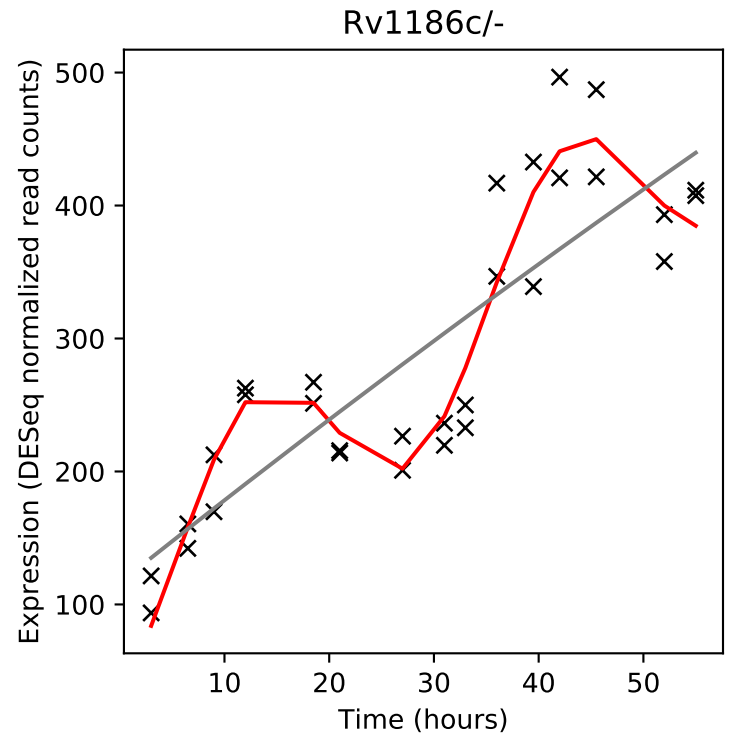

Rv1158c/-
Expression (DESeq normalized read counts)
Time (hours)

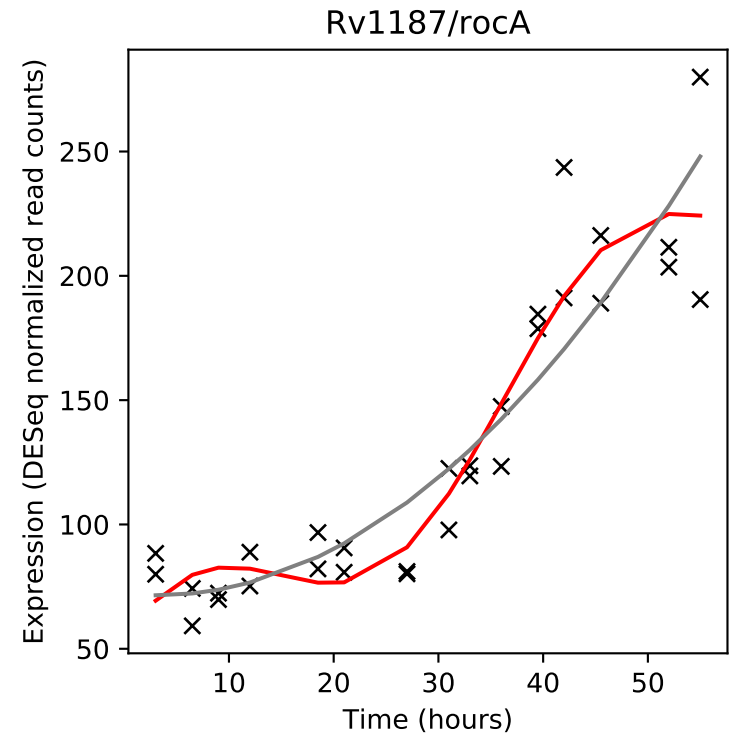

Rv1159/pimE
Rv1159A/-
Rv1160/mutT2
Rv1161/narG
Rv1162/narH
Rv1163/narJ
Rv1164/narI
Rv1165/typA
Rv1166/lpqW
Expression (DESeq normalized read counts)
Time (hours)

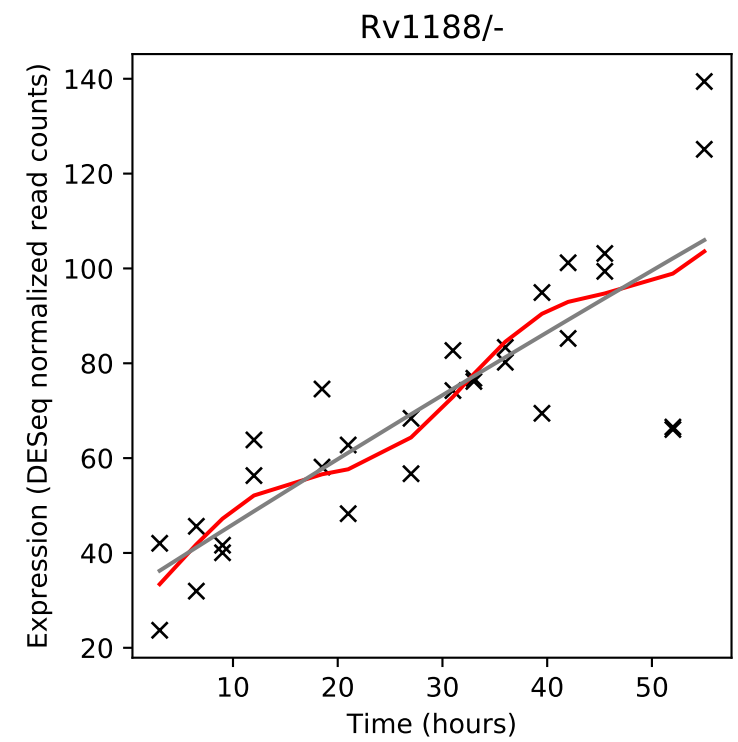

Rv1167c/-
Rv1168c/PPE17
Rv1169c/lipX
Rv1170/mshB
Rv1171/-
Rv1172c/PE12
Rv1173/fbiC
Rv1174c/TB8.4
Rv1175c/fadH
Expression (DESeq normalized read counts)
Time (hours)

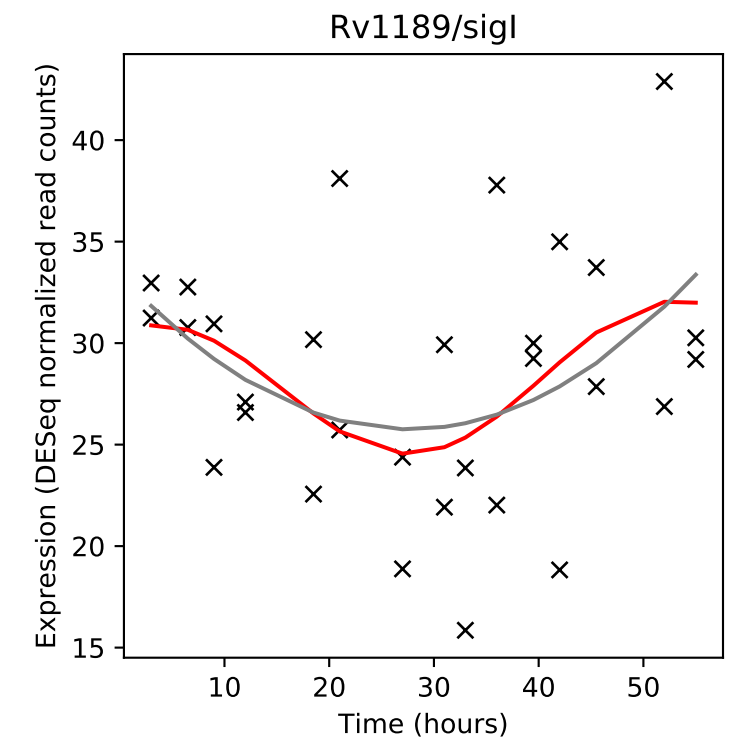

Rv1176c/-
Rv1177/fdxC
Rv1178/-
Rv1179c/-
Rv1180/pks3
Rv1181/pks4
Rv1182/papA3
Rv1183/mmpL10
Rv1184c/-
Expression (DESeq normalized read counts)
Time (hours)

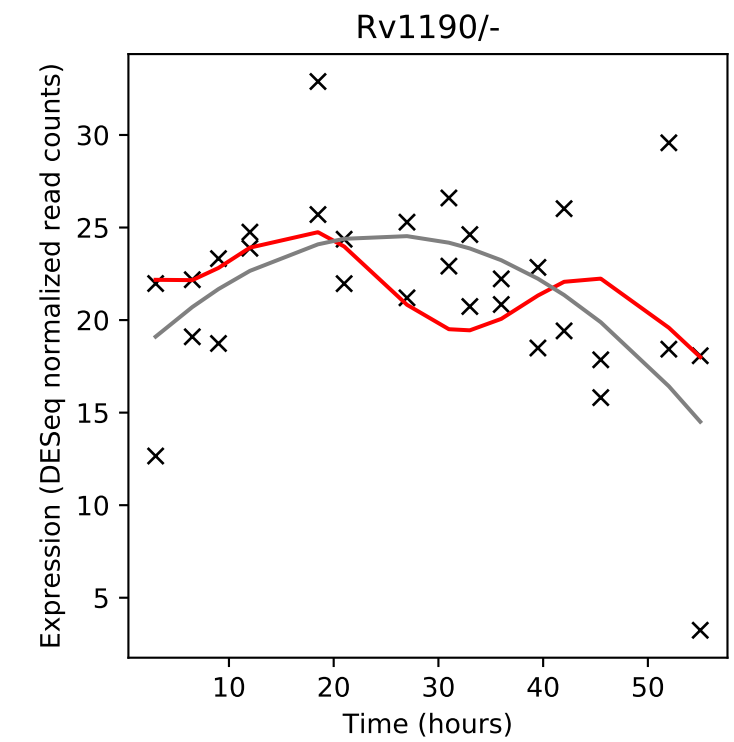

Rv1185c/fadD21
Expression (DESeq normalized read counts)
Time (hours)

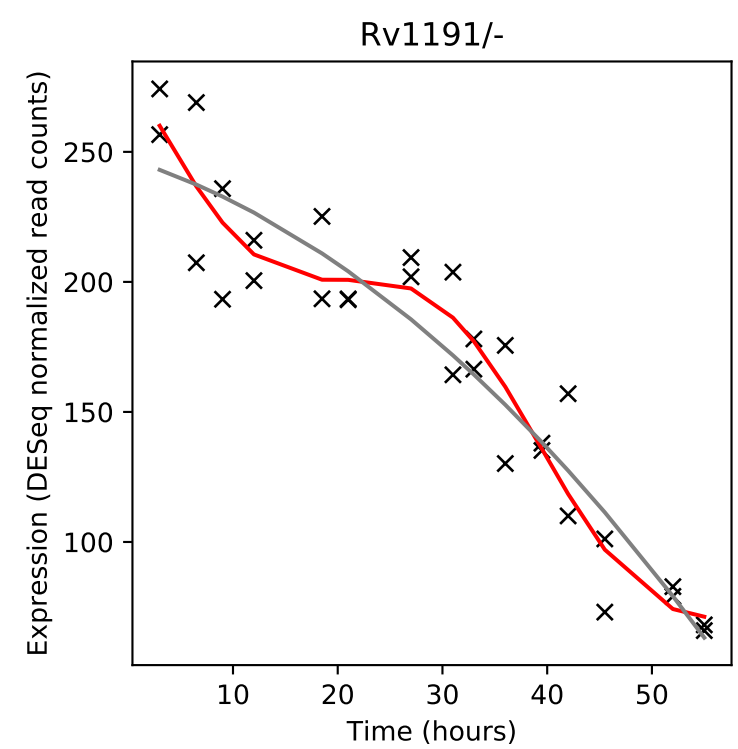

Rv1186c/-
Expression (DESeq normalized read counts)
Time (hours)

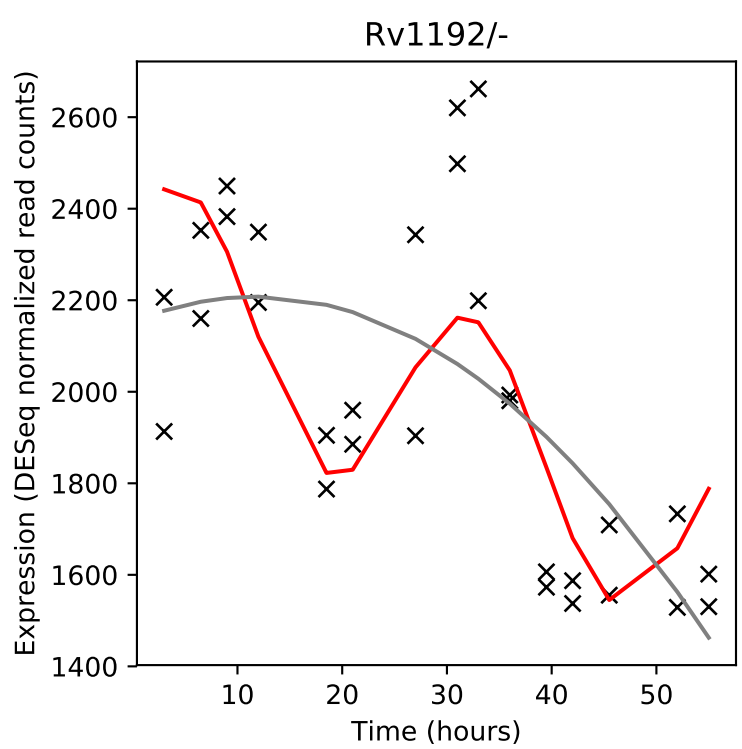

Rv1187/rocA
Expression (DESeq normalized read counts)
Time (hours)

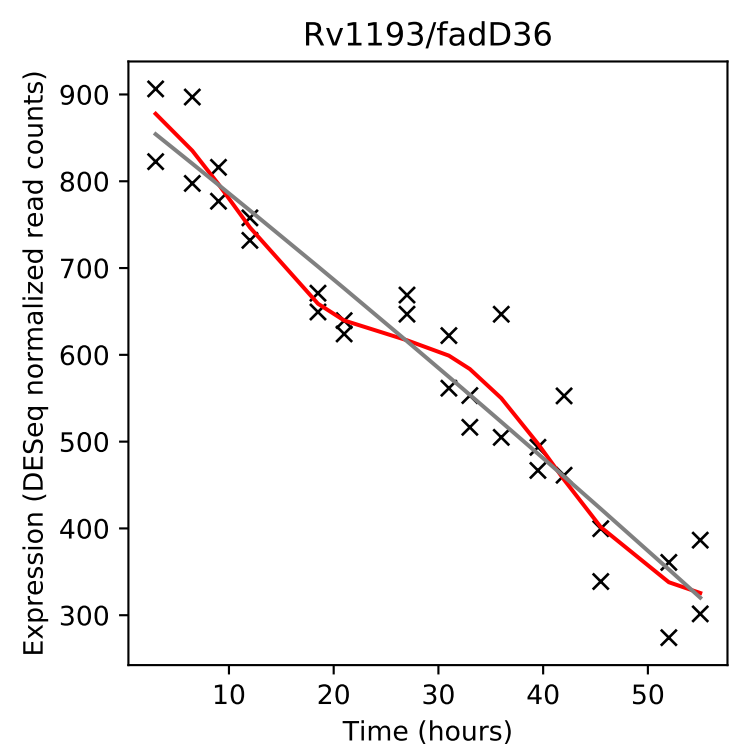

Rv1188/-
Expression (DESeq normalized read counts)
Time (hours)

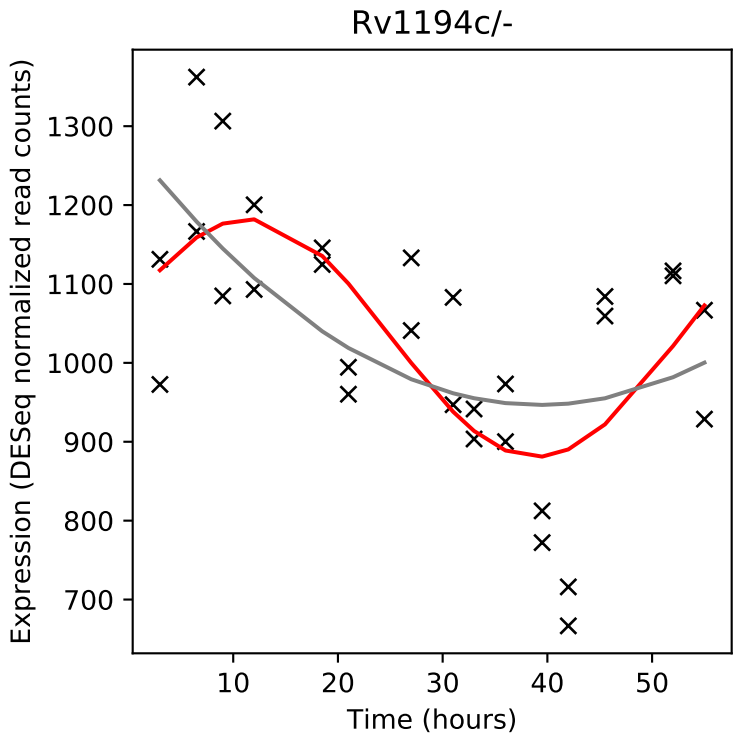

Rv1189/sigI
Expression (DESeq normalized read counts)
Time (hours)

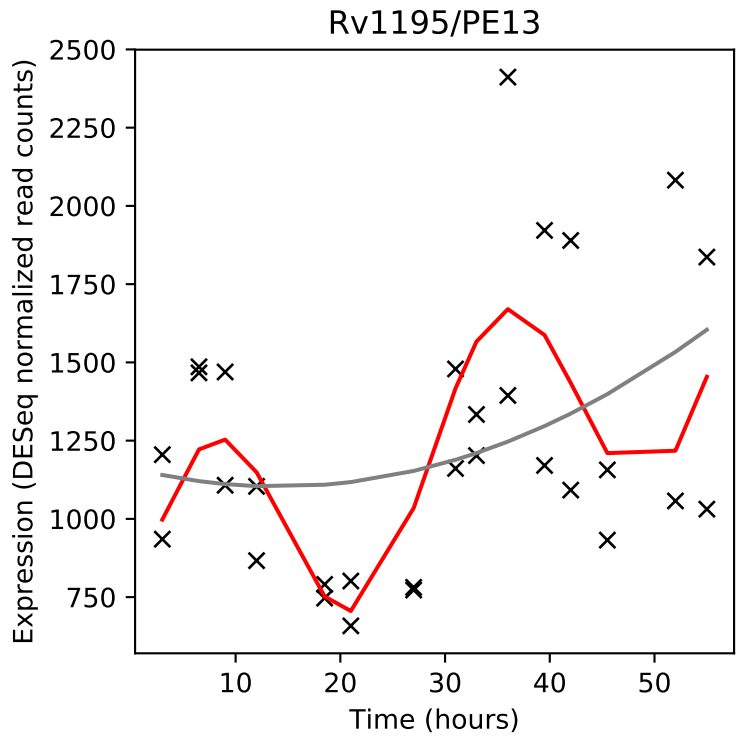

Rv1190/-
Expression (DESeq normalized read counts)
Time (hours)

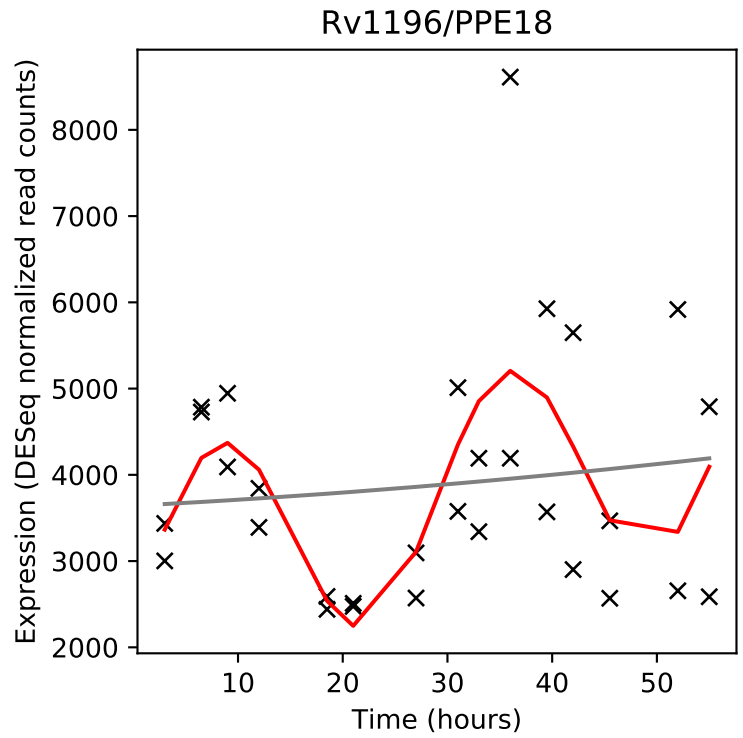

Rv1191/-
Expression (DESeq normalized read counts)
Time (hours)

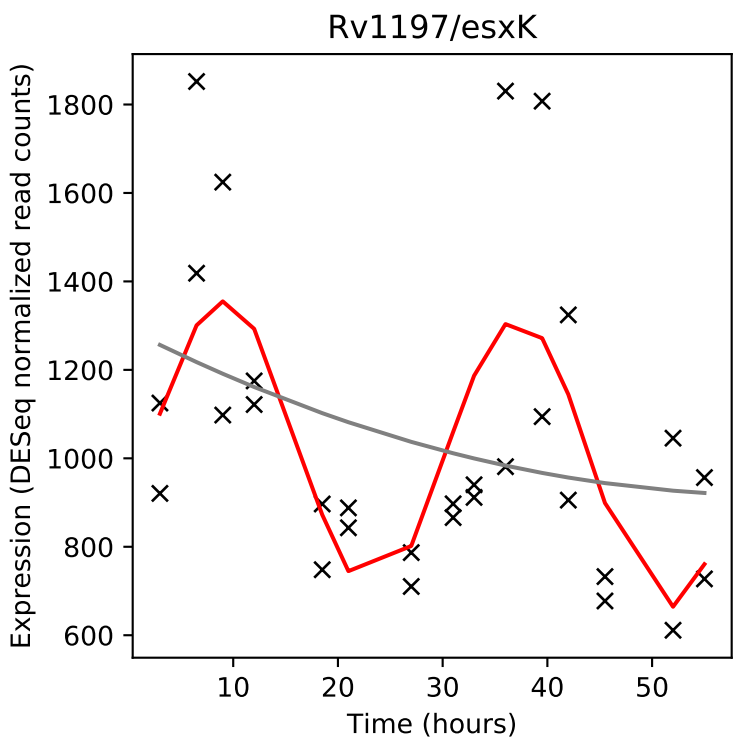

Rv1192/-
Expression (DESeq normalized read counts)
Time (hours)

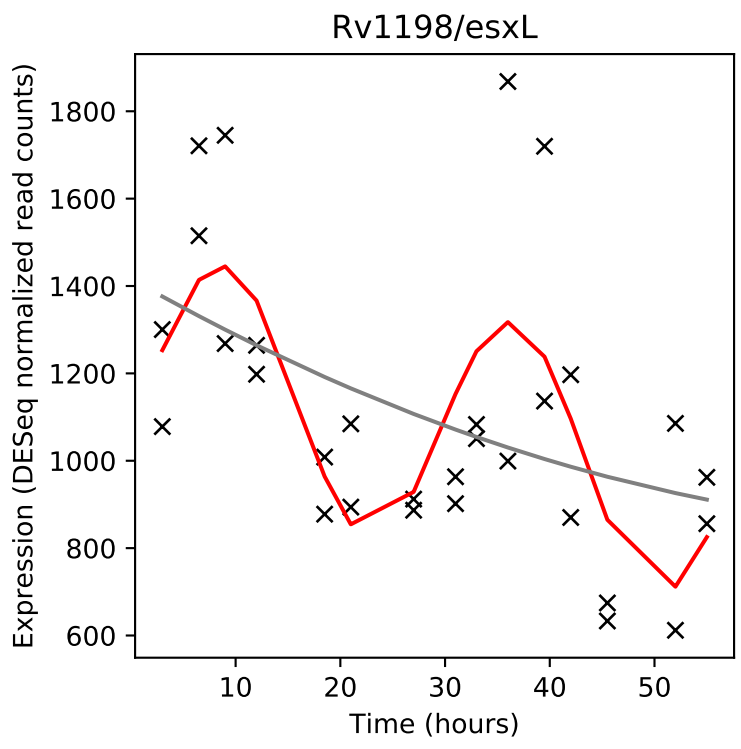

Rv1193/fadD36
Expression (DESeq normalized read counts)
Time (hours)

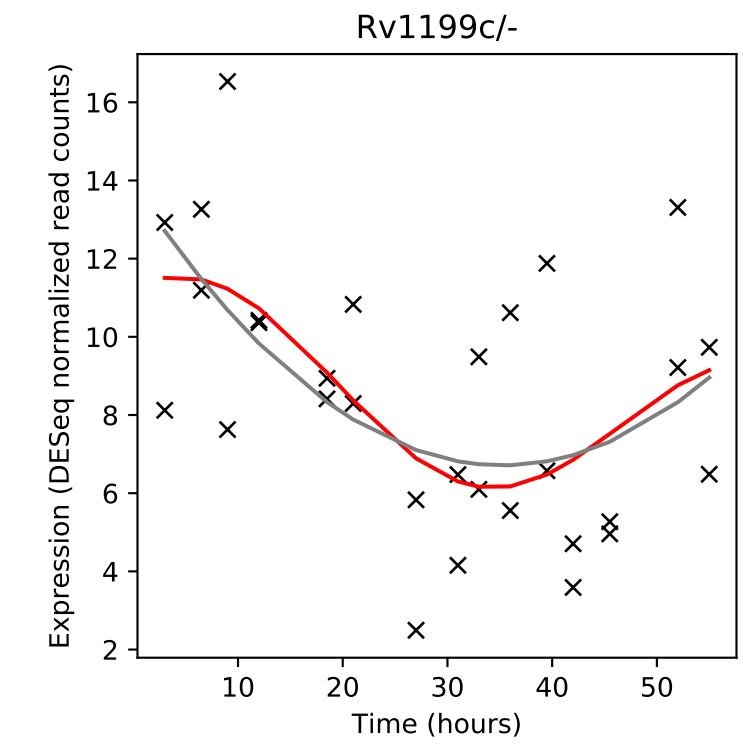

Rv1194c/-
Expression (DESeq normalized read counts)
Time (hours)

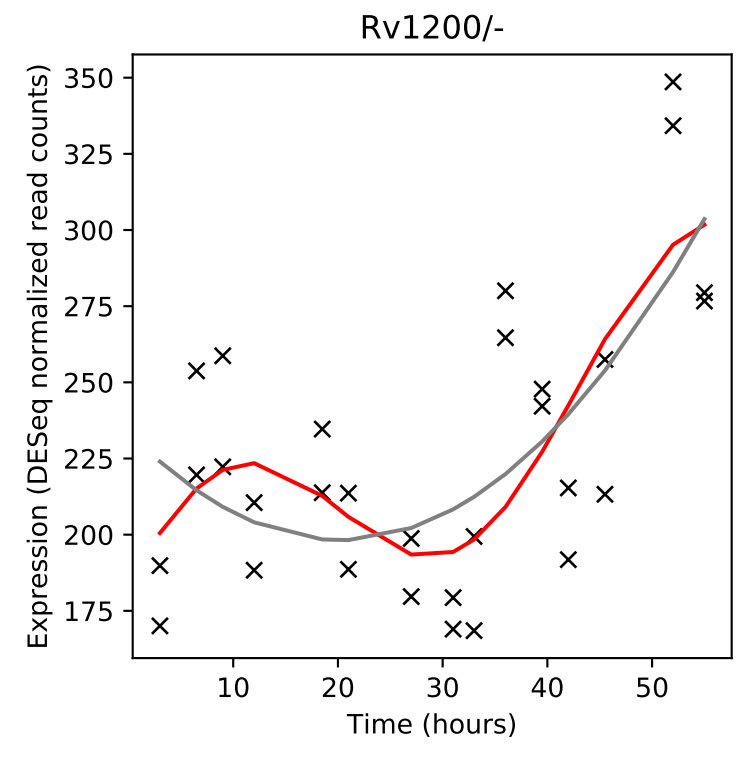

Rv1195/PE13
Expression (DESeq normalized read counts)
Time (hours)

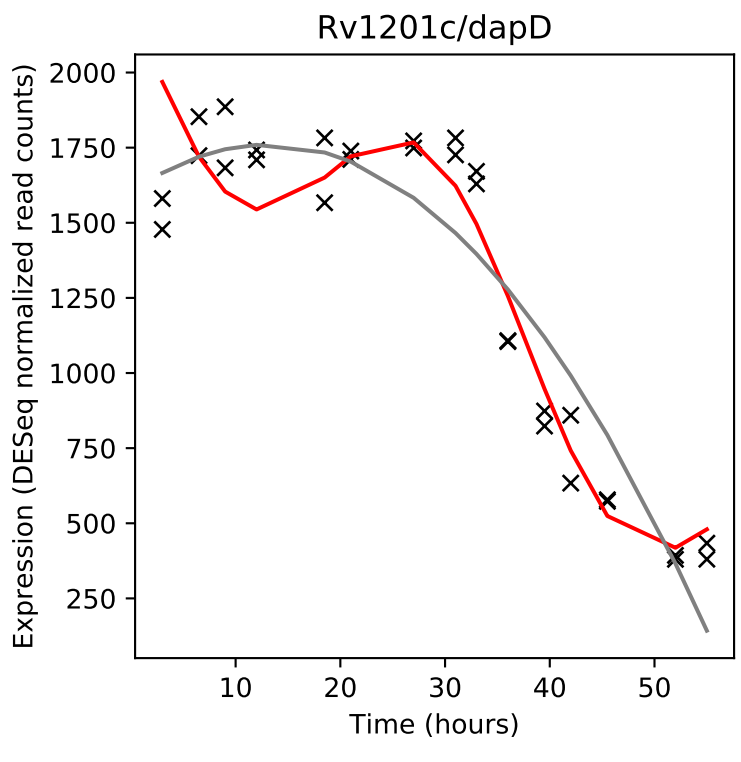

Rv1196/PPE18
Expression (DESeq normalized read counts)
Time (hours)

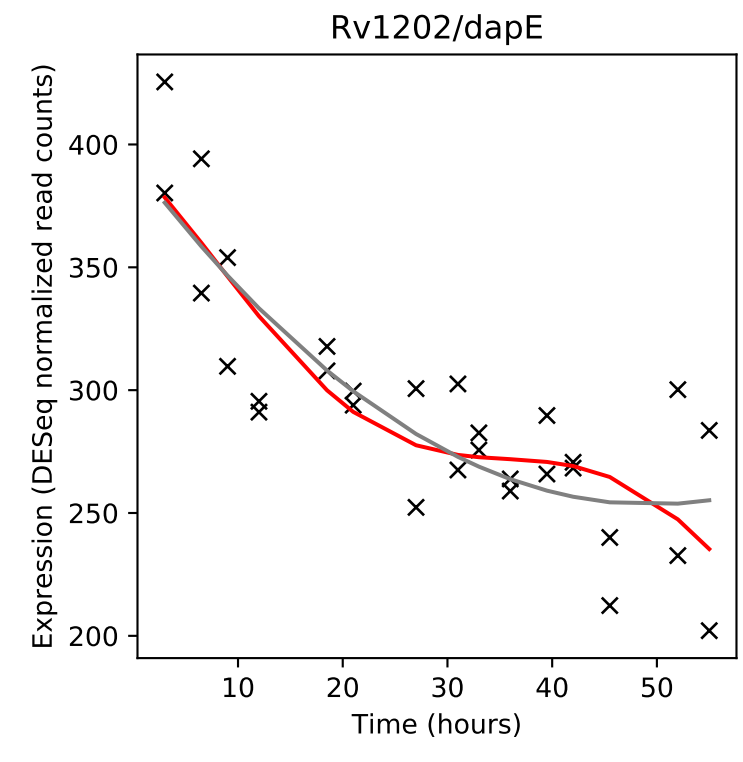

Rv1197/esxK
Expression (DESeq normalized read counts)
Time (hours)

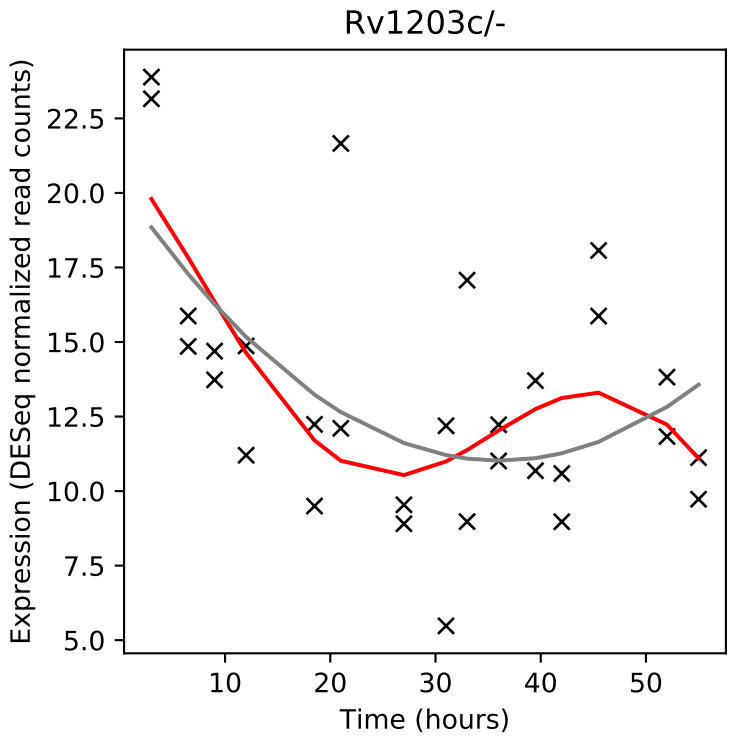

Rv1198/esxL
Expression (DESeq normalized read counts)
Time (hours)

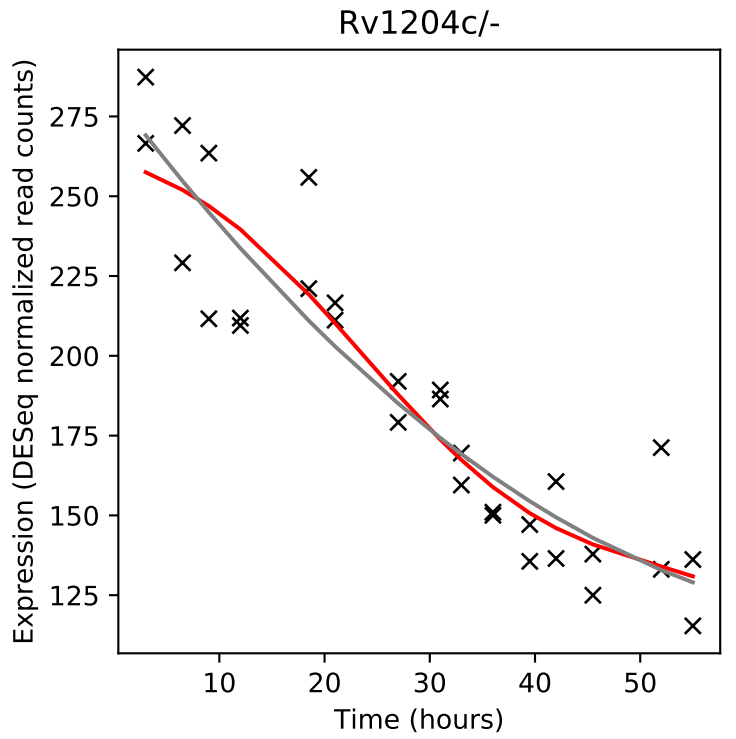

Rv1199c/-
Expression (DESeq normalized read counts)
Time (hours)

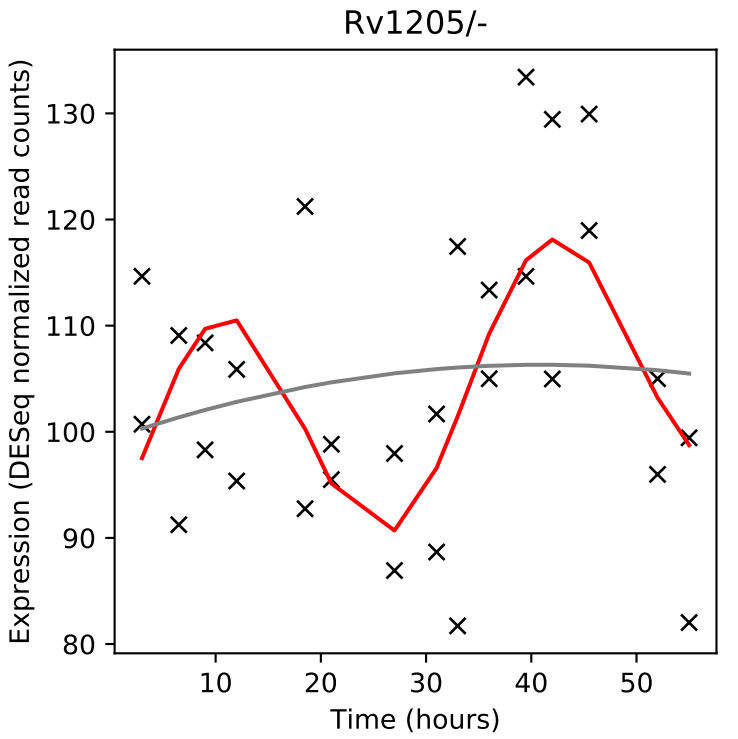

Rv1200/-
Expression (DESeq normalized read counts)
Time (hours)

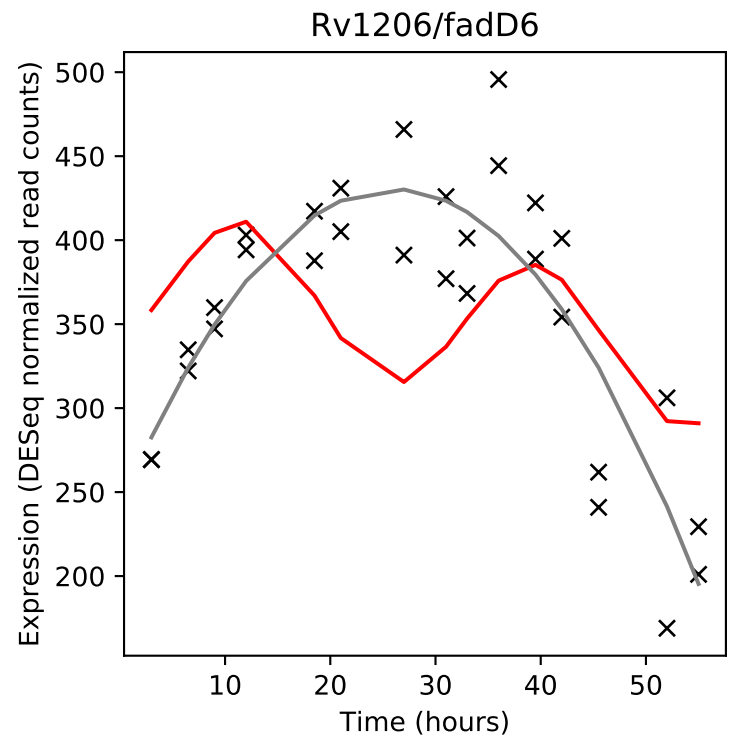

Rv1201c/dapD
Expression (DESeq normalized read counts)
Time (hours)

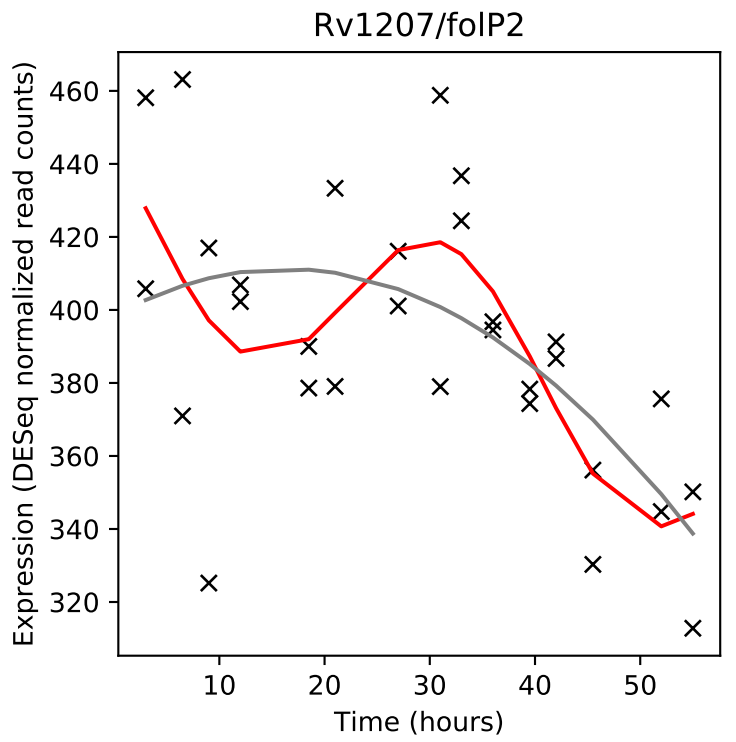

Rv1202/dapE
Expression (DESeq normalized read counts)
Time (hours)

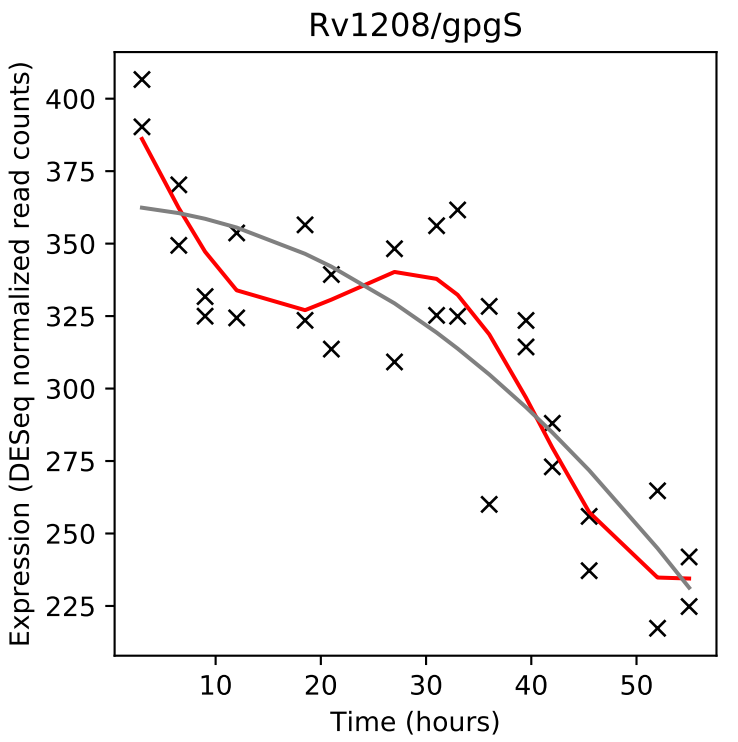

Rv1203c/-
Expression (DESeq normalized read counts)
Time (hours)

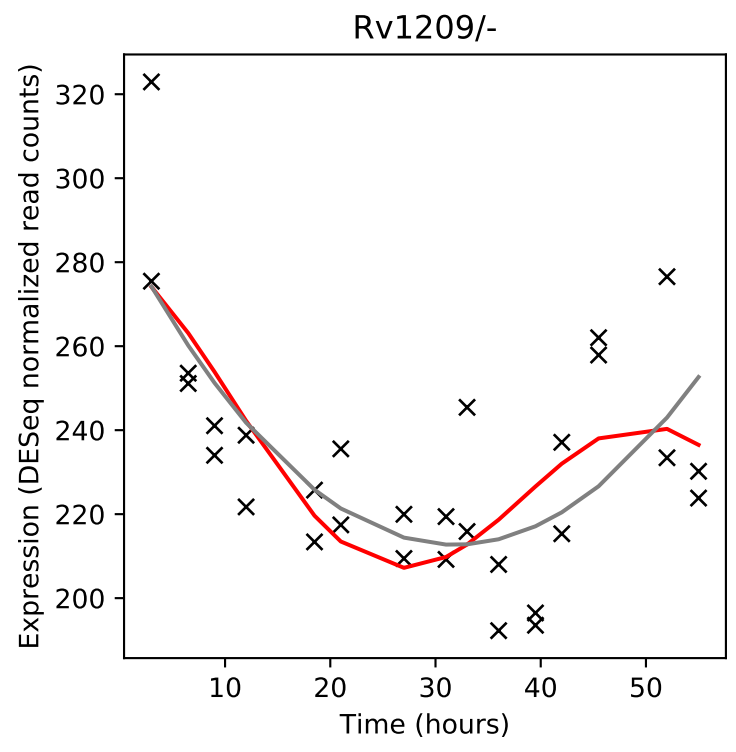

Rv1204c/-
Expression (DESeq normalized read counts)
Time (hours)

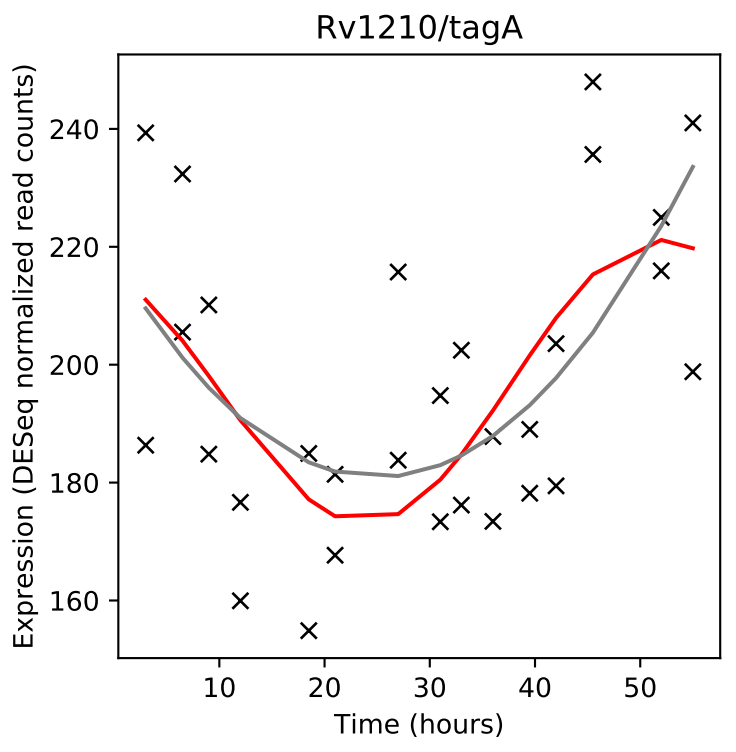

Rv1205/-
Expression (DESeq normalized read counts)
Time (hours)

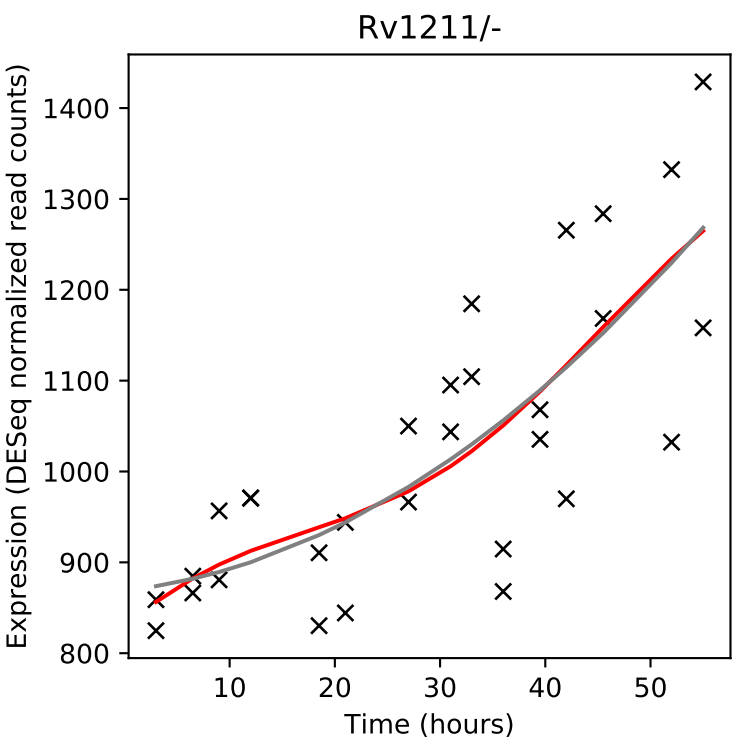

Rv1206/fadD6
Expression (DESeq normalized read counts)
Time (hours)

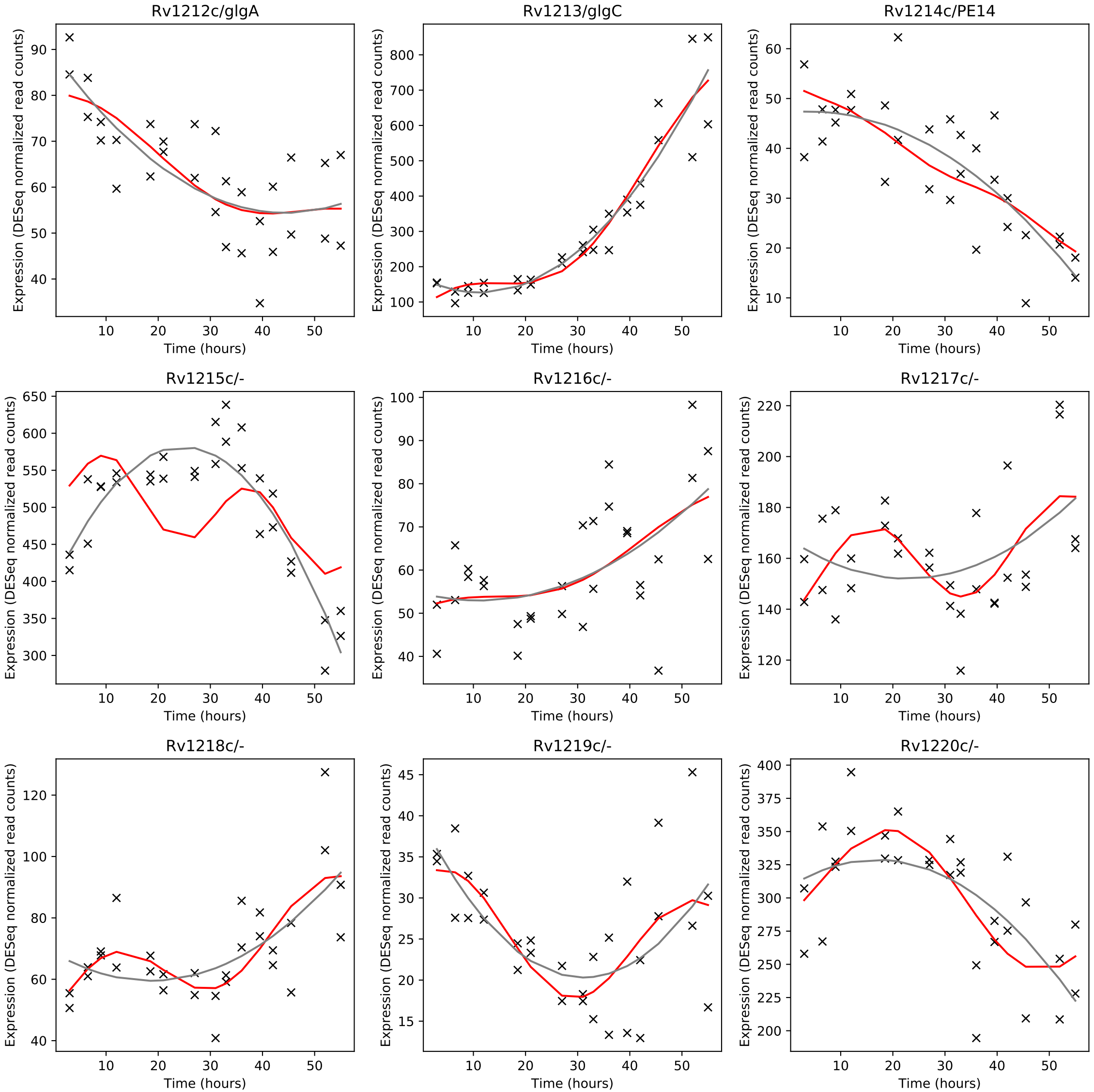

Rv1207/folP2
Expression (DESeq normalized read counts)
Time (hours)

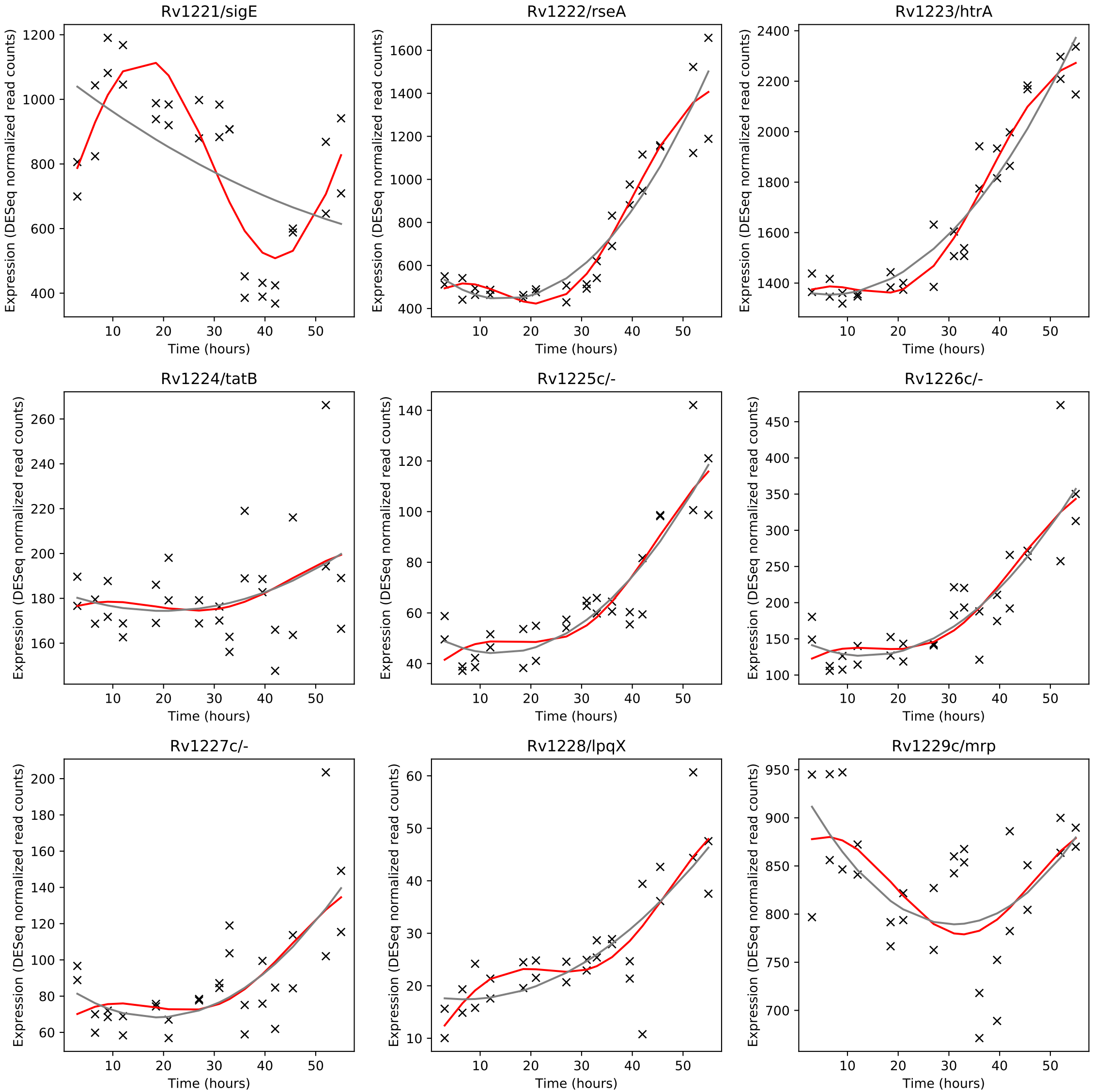

Rv1208/gpgS
Expression (DESeq normalized read counts)
Time (hours)

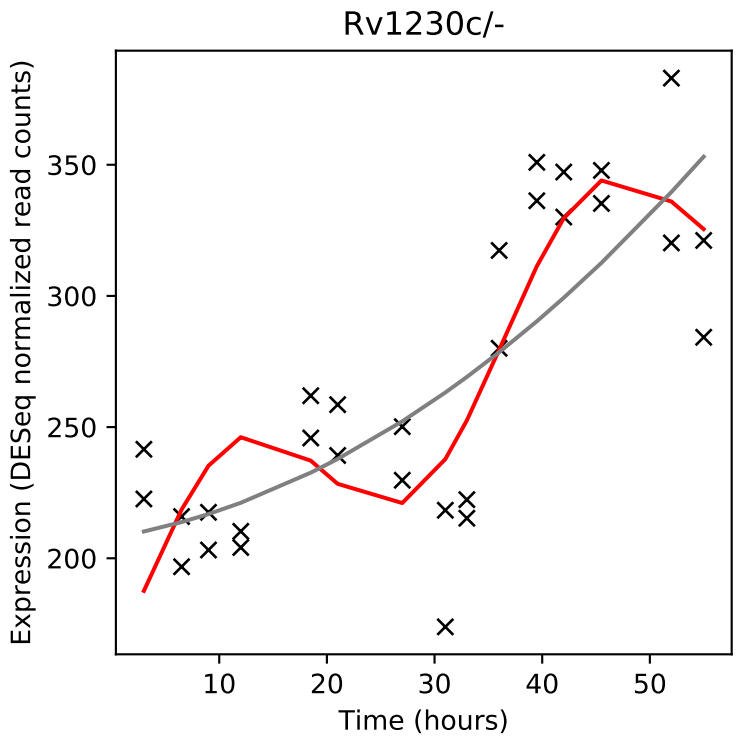

Rv1209/-
Expression (DESeq normalized read counts)
Time (hours)

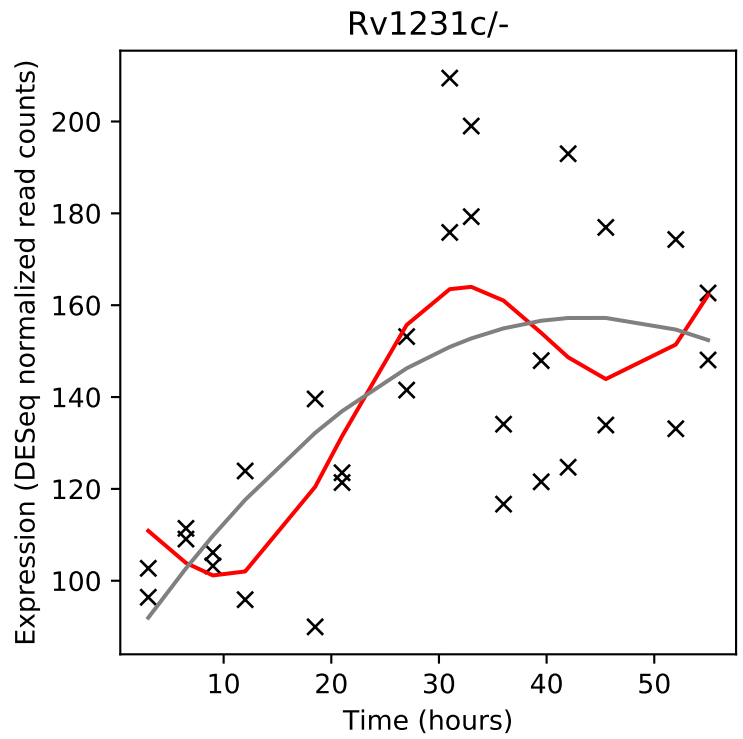

Rv1210/tagA
Expression (DESeq normalized read counts)
Time (hours)

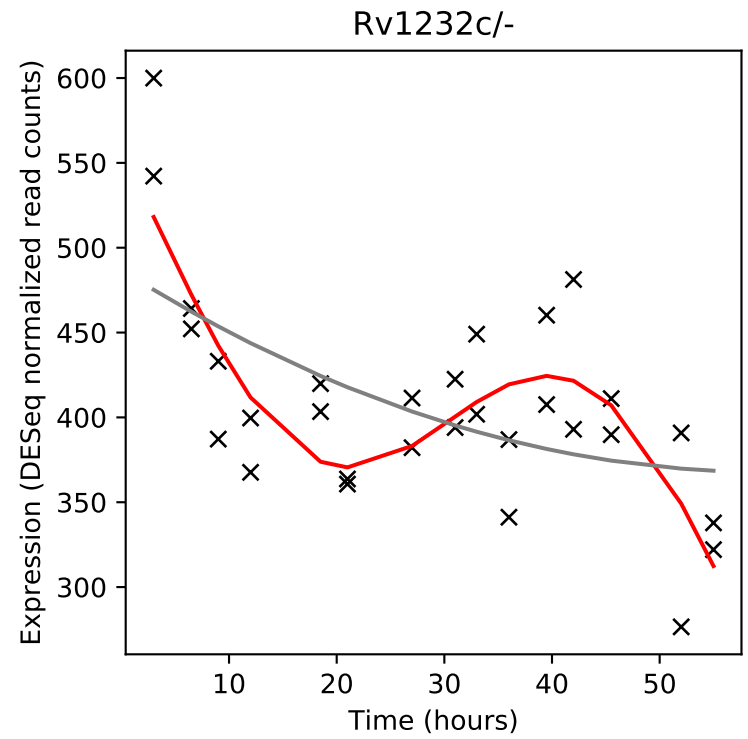

Rv1211/-
Expression (DESeq normalized read counts)
Time (hours)

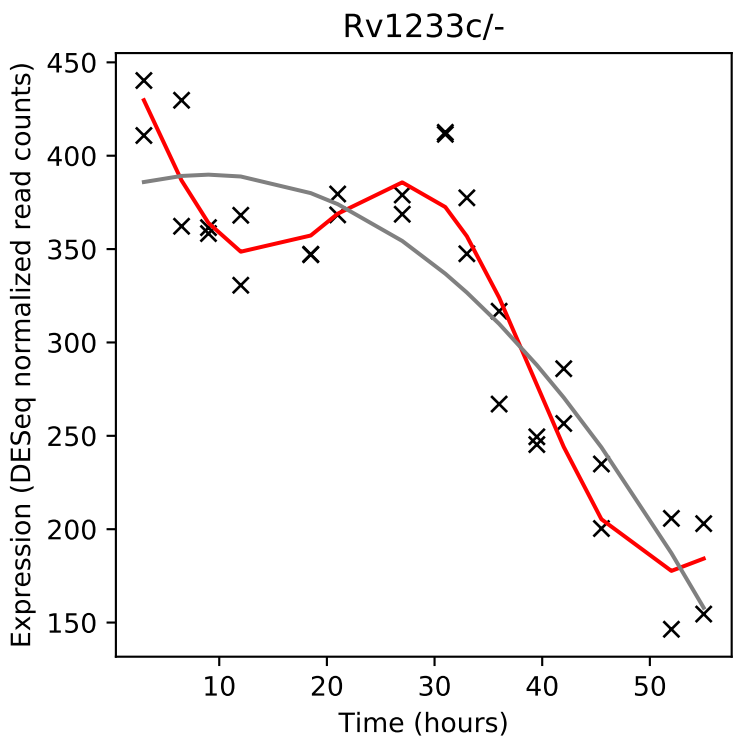

Rv1212c/glgA
Rv1213/glgC
Rv1214c/PE14
Rv1215c/-
Rv1216c/-
Rv1217c/-
Rv1218c/-
Rv1219c/-
Rv1220c/-
Expression (DESeq normalized read counts)
Time (hours)

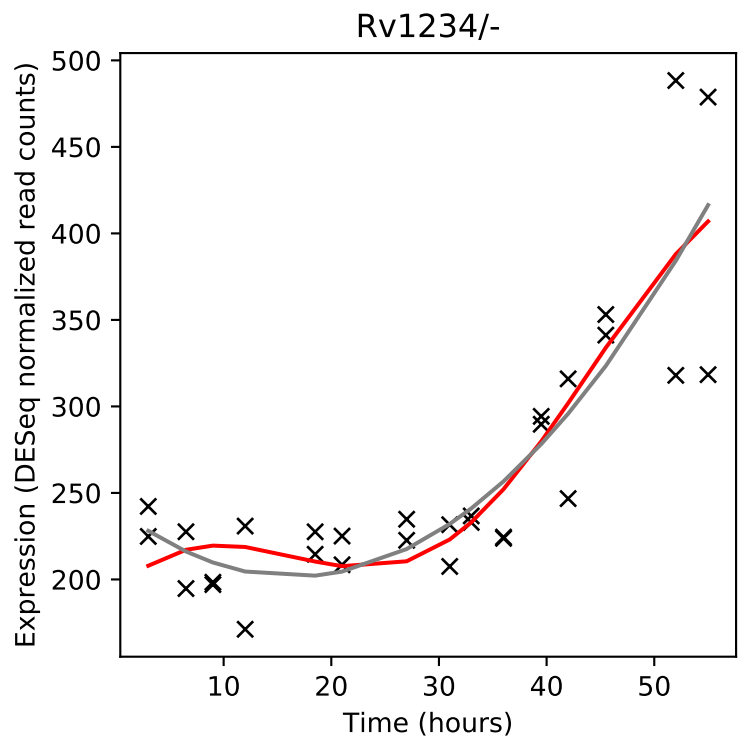

Rv1221/sigE
Rv1222/rseA
Rv1223/htrA
Rv1224/tatB
Rv1225c/-
Rv1226c/-
Rv1227c/-
Rv1228/lpqX
Rv1229c/mrp
Expression (DESeq normalized read counts)
Time (hours)

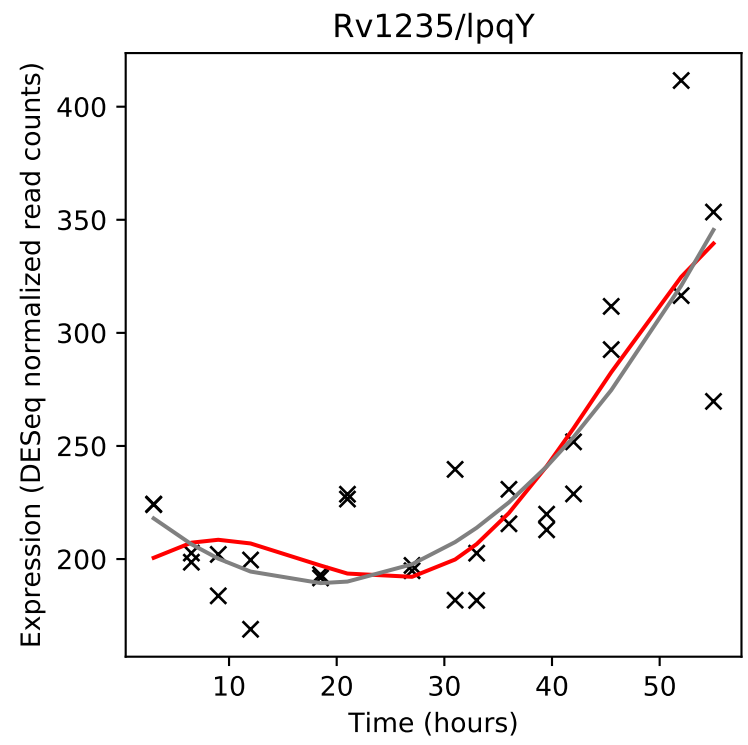

Rv1230c/-
Expression (DESeq normalized read counts)
Time (hours)

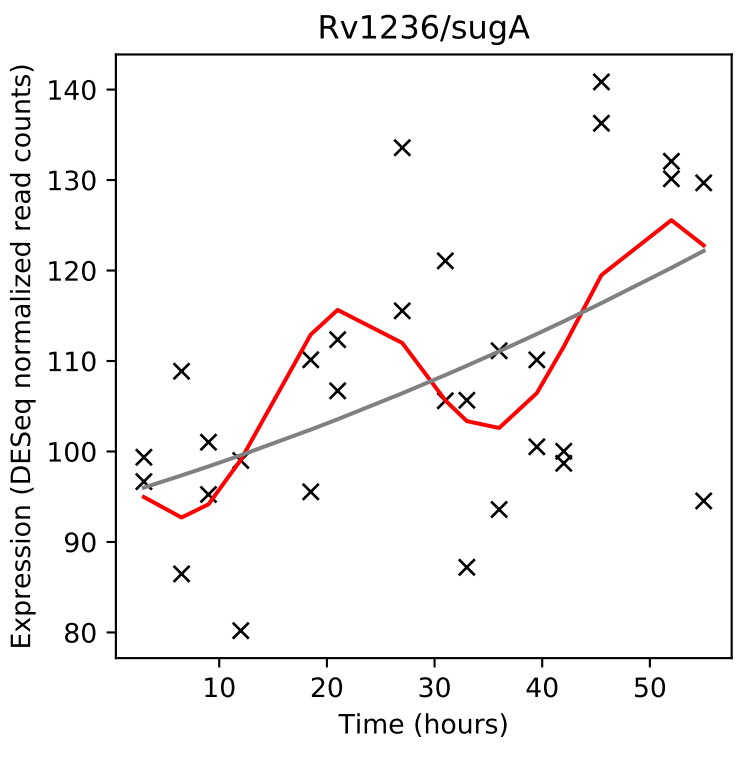

Rv1231c/-
Expression (DESeq normalized read counts)
Time (hours)

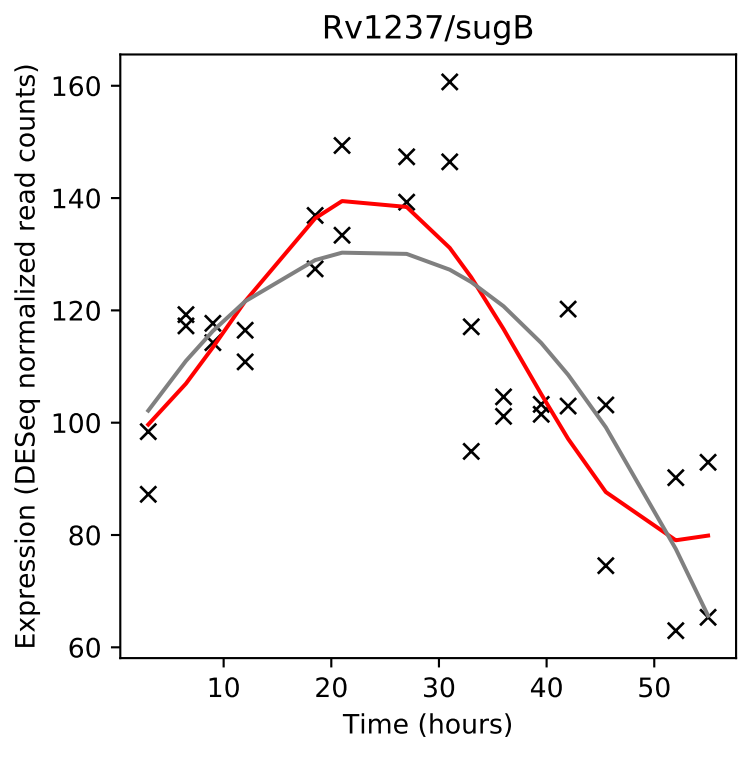

Rv1232c/-
Expression (DESeq normalized read counts)
Time (hours)

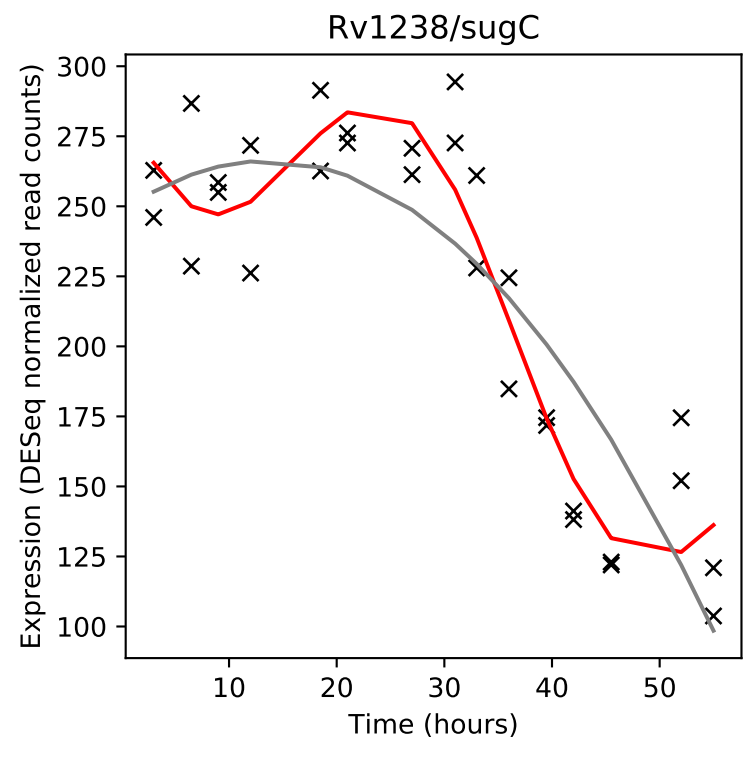

Rv1233c/-
Expression (DESeq normalized read counts)
Time (hours)

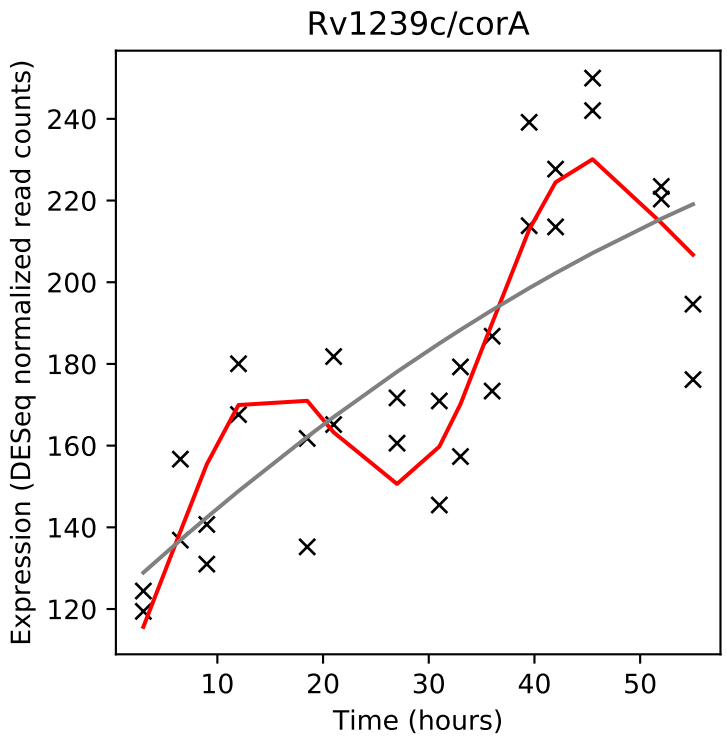

Rv1234/-
Expression (DESeq normalized read counts)
Time (hours)

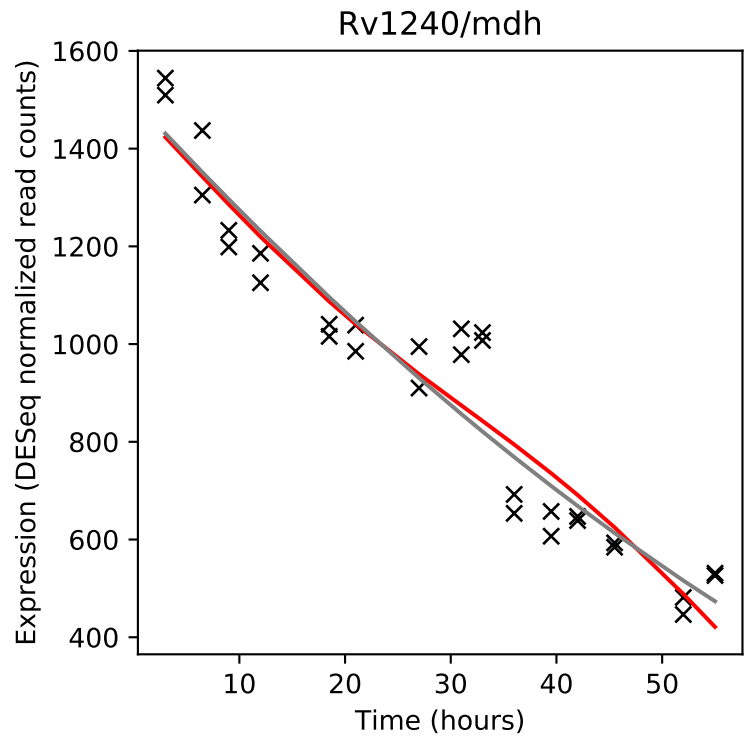

Rv1235/lpqY
Expression (DESeq normalized read counts)
Time (hours)

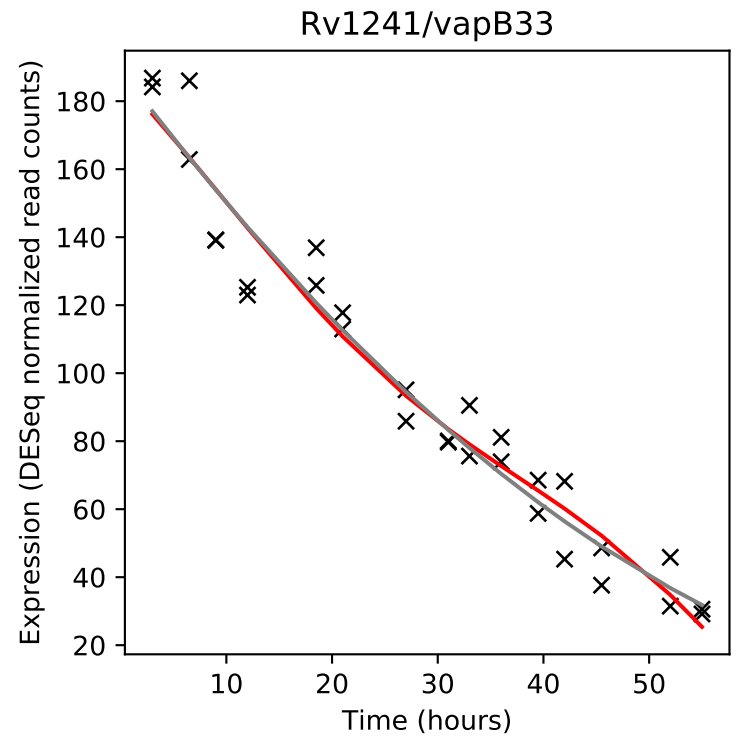

Rv1236/sugA
Expression (DESeq normalized read counts)
Time (hours)

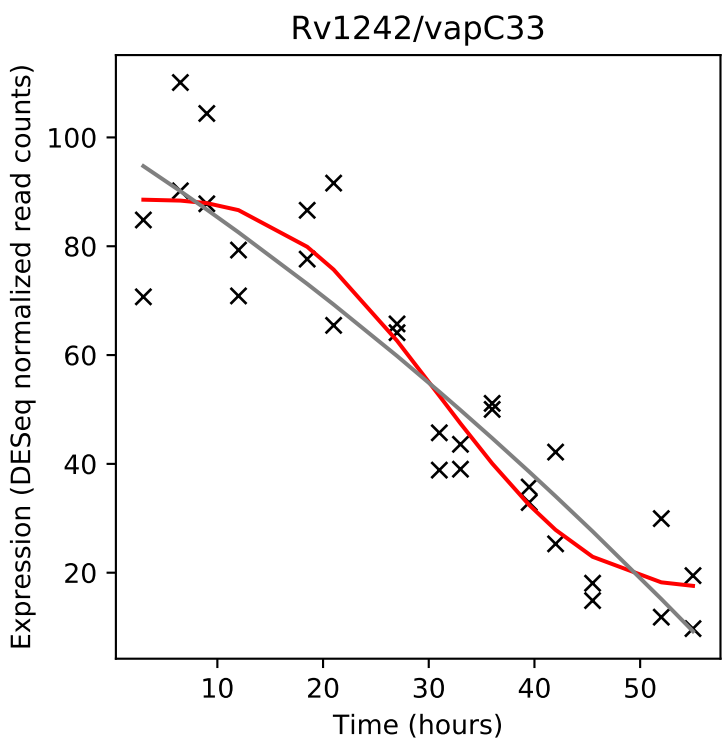

Rv1237/sugB
Expression (DESeq normalized read counts)
Time (hours)

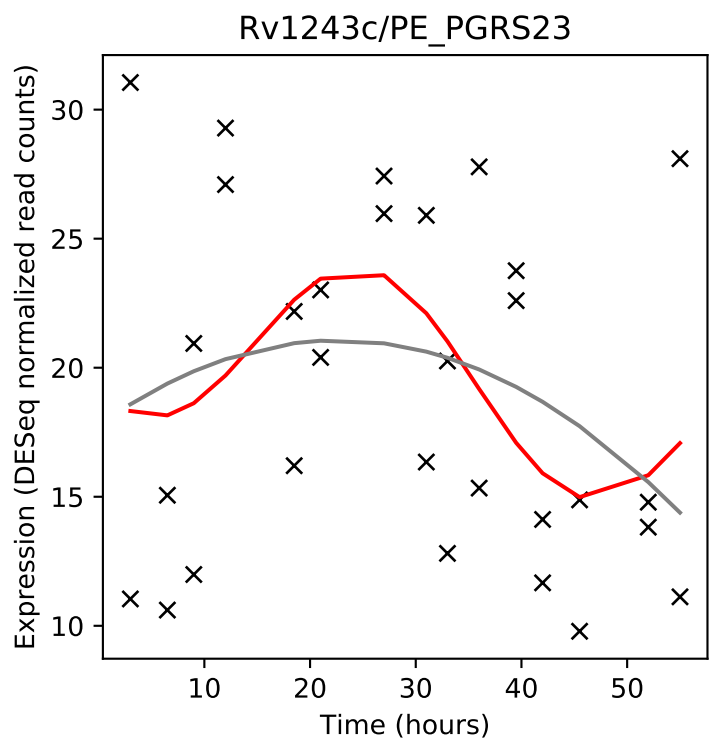

Rv1238/sugC
Expression (DESeq normalized read counts)
Time (hours)

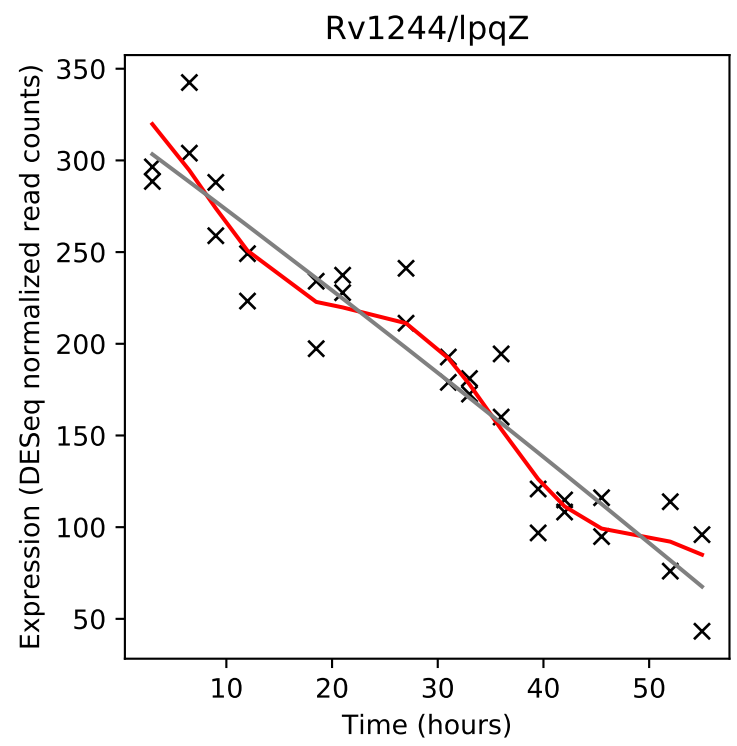

Rv1239c/corA
Expression (DESeq normalized read counts)
Time (hours)

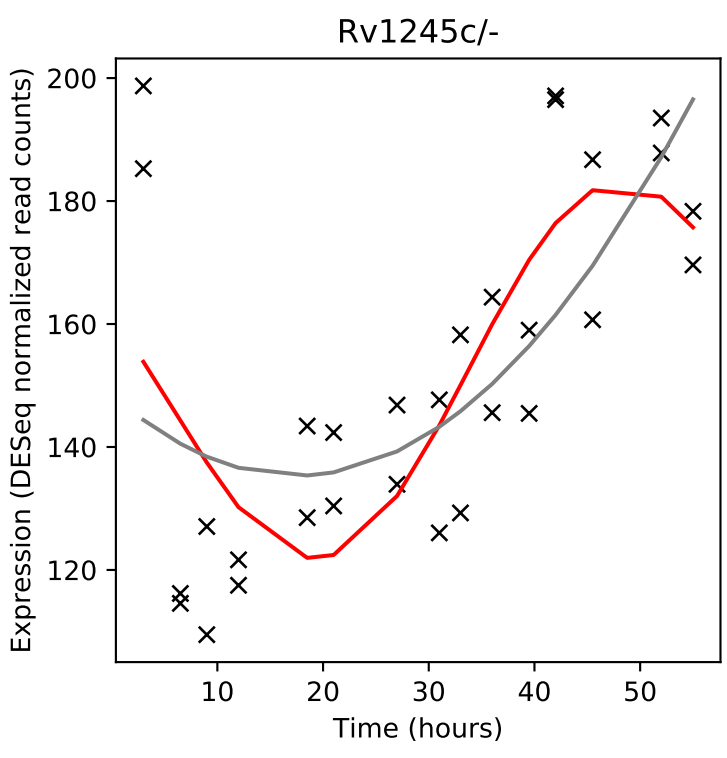

Rv1240/mdh
Expression (DESeq normalized read counts)
Time (hours)

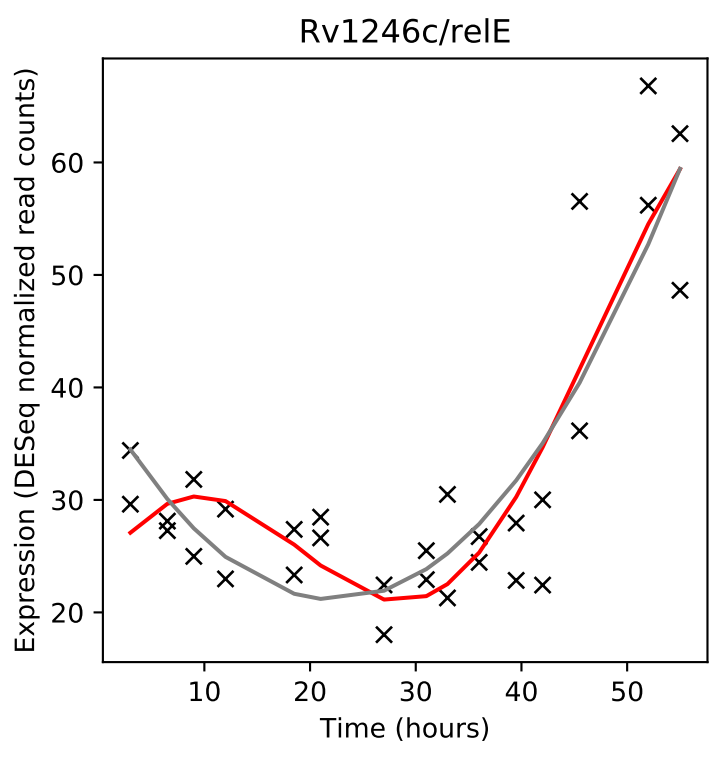

Rv1241/vapB33
Expression (DESeq normalized read counts)
Time (hours)

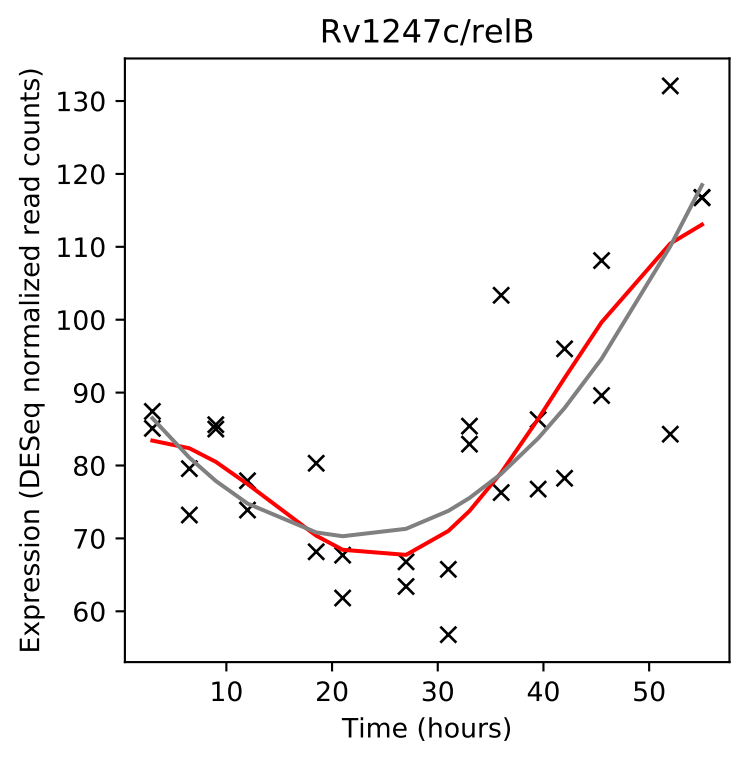

Rv1242/vapC33
Expression (DESeq normalized read counts)
Time (hours)

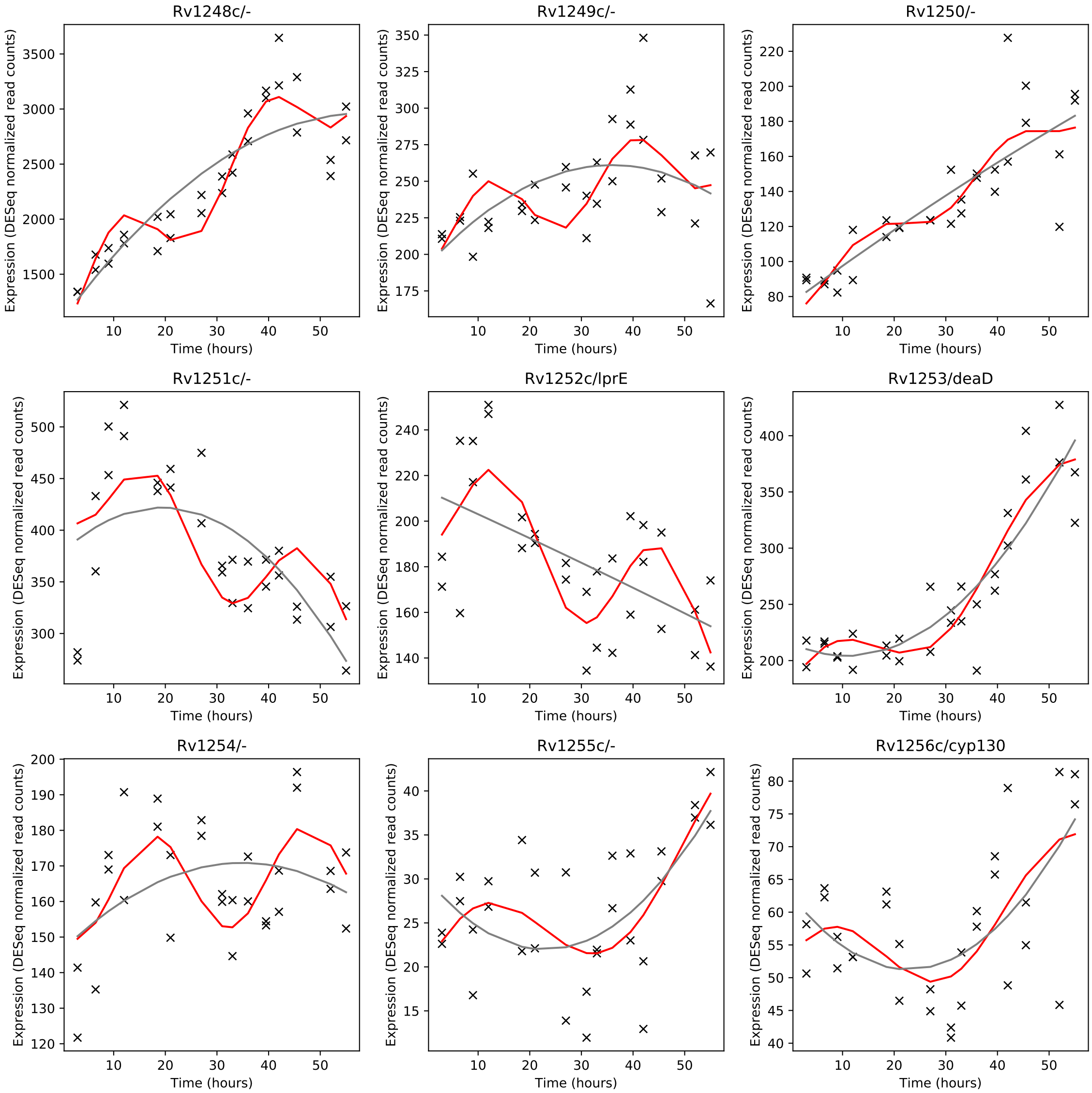

Rv1243c/PE_PGRS23
Expression (DESeq normalized read counts)
Time (hours)

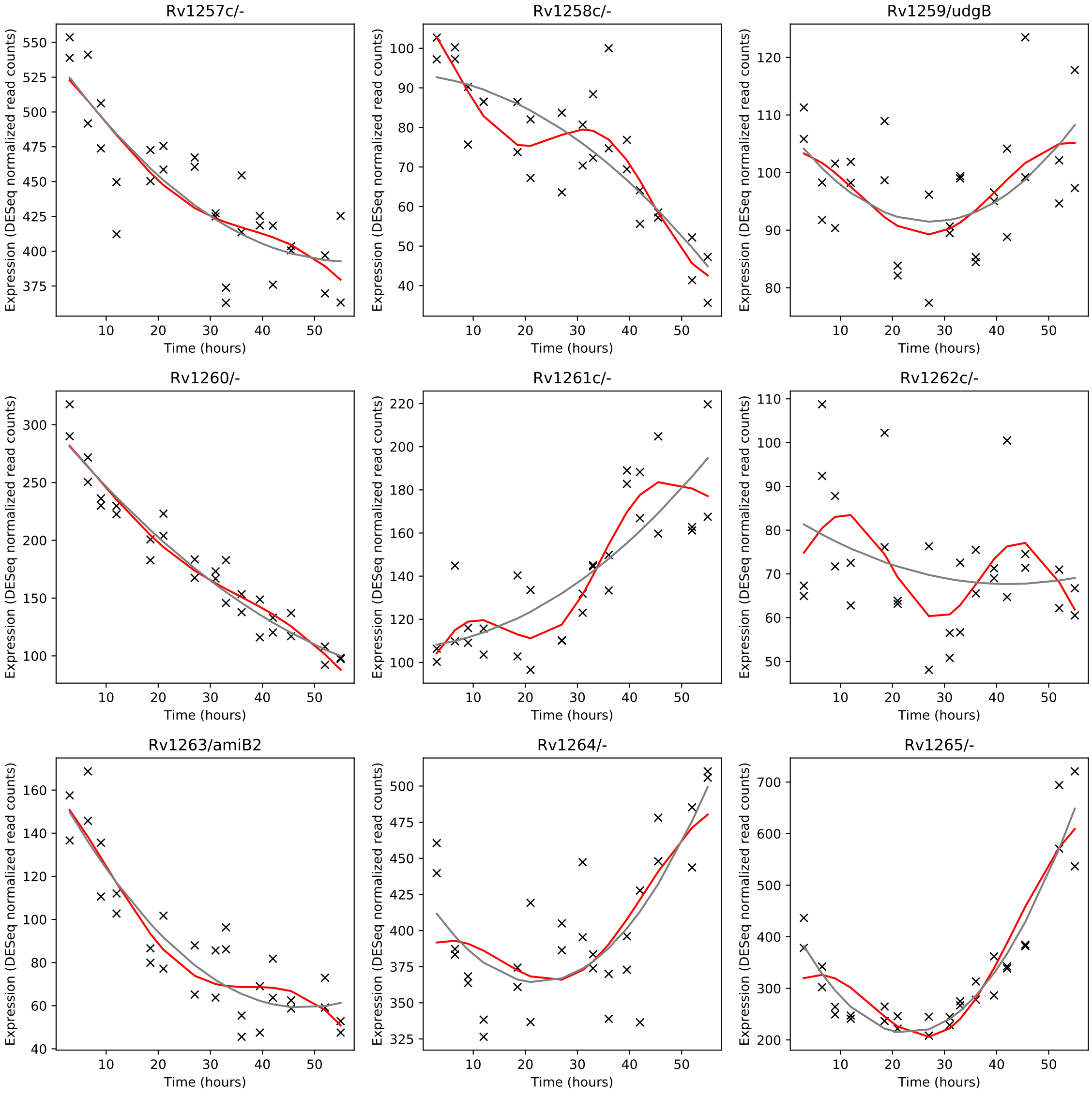

Rv1244/lpqZ
Expression (DESeq normalized read counts)
Time (hours)

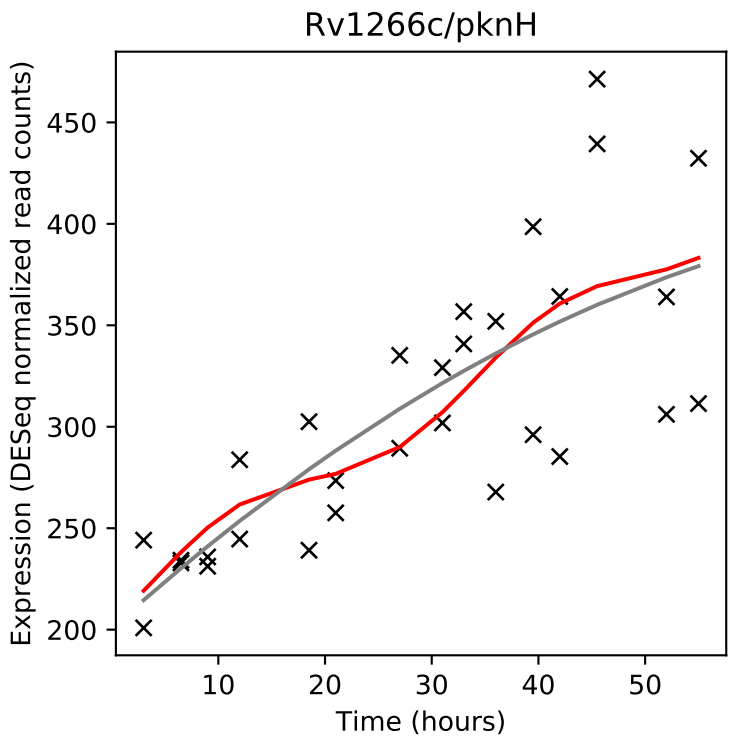

Rv1245c/-
Expression (DESeq normalized read counts)
Time (hours)

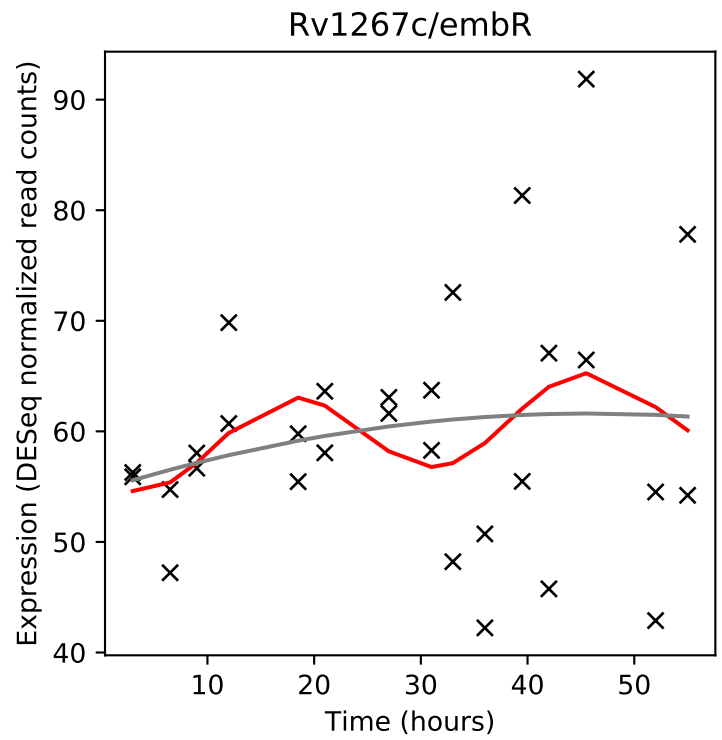

Rv1246c/relE
Expression (DESeq normalized read counts)
Time (hours)

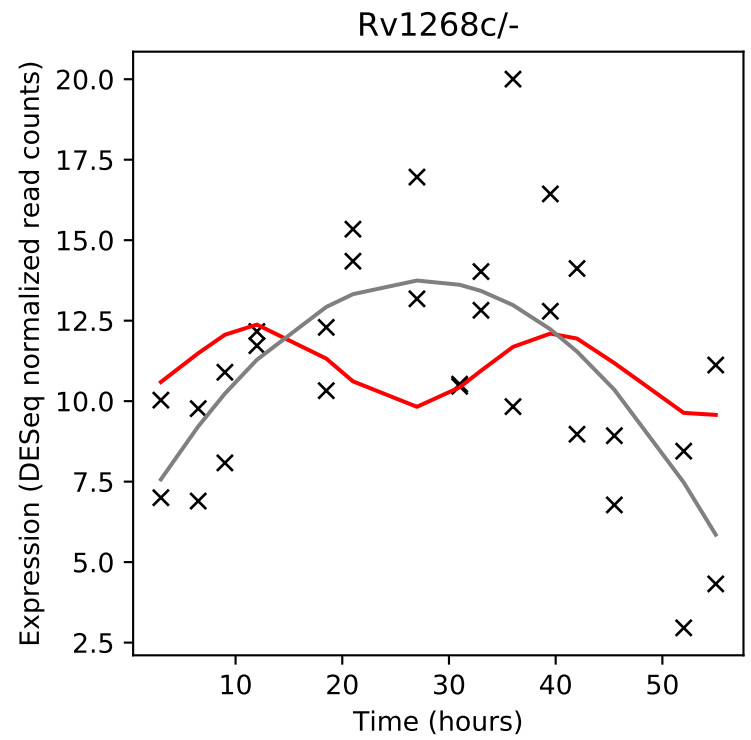

Rv1247c/relB
Expression (DESeq normalized read counts)
Time (hours)

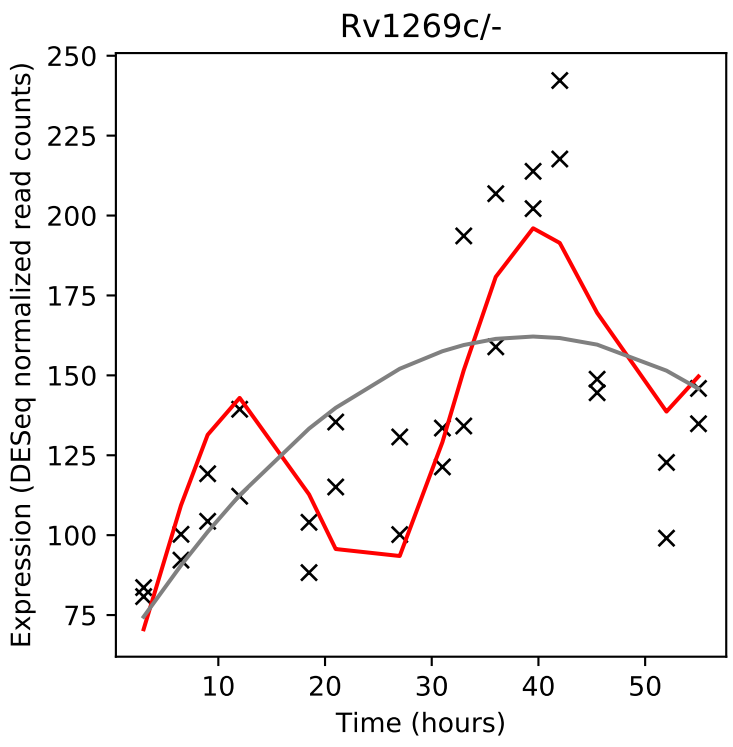

Rv1248c/-
Rv1249c/-
Rv1250/-
Rv1251c/-
Rv1252c/lprE
Rv1253/deaD
Rv1254/-
Rv1255c/-
Rv1256c/cyp130
Expression (DESeq normalized read counts)
Time (hours)

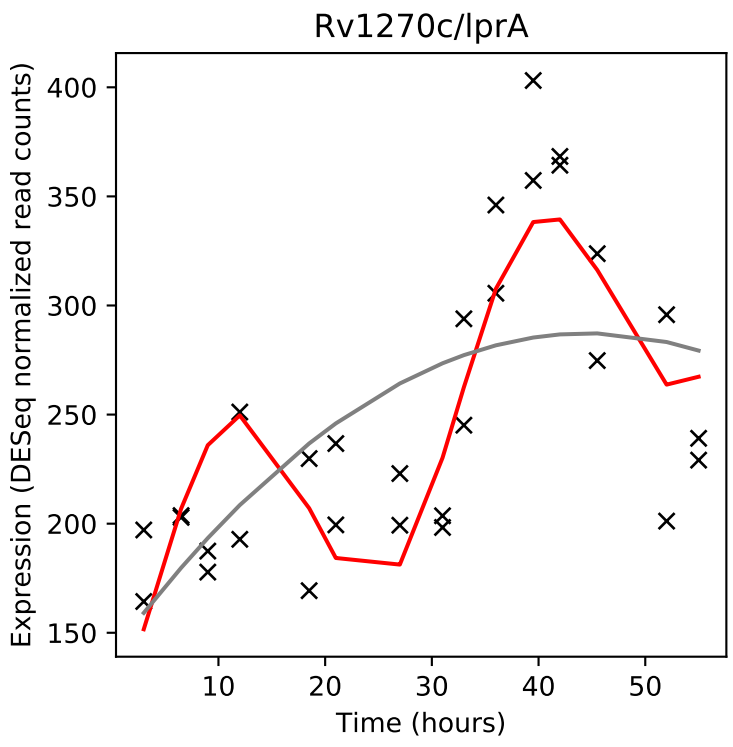

Rv1257c/-
Rv1258c/-
Rv1259/udgB
Rv1260/-
Rv1261c/-
Rv1262c/-
Rv1263/amiB2
Rv1264/-
Rv1265/-
Expression (DESeq normalized read counts)
Time (hours)

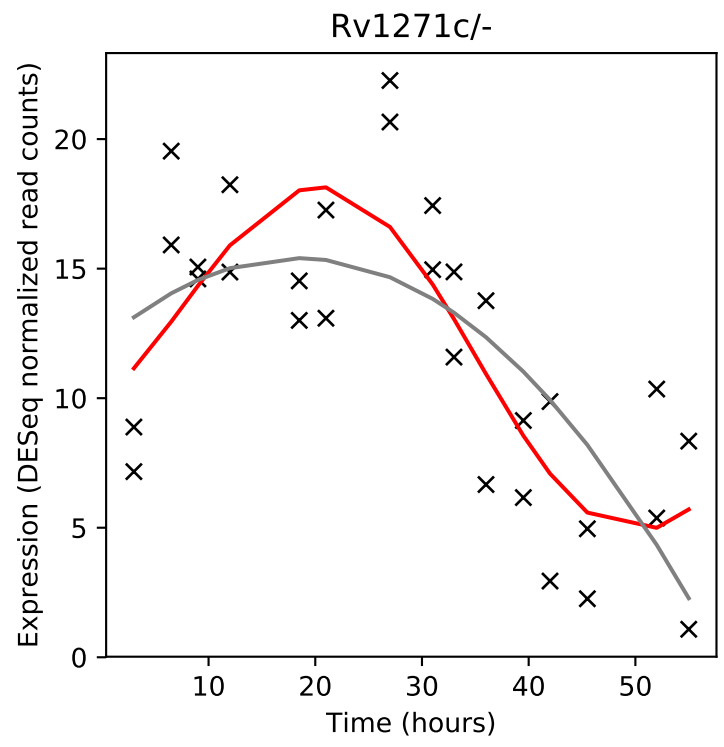

Rv1266c/pknH
Expression (DESeq normalized read counts)
Time (hours)

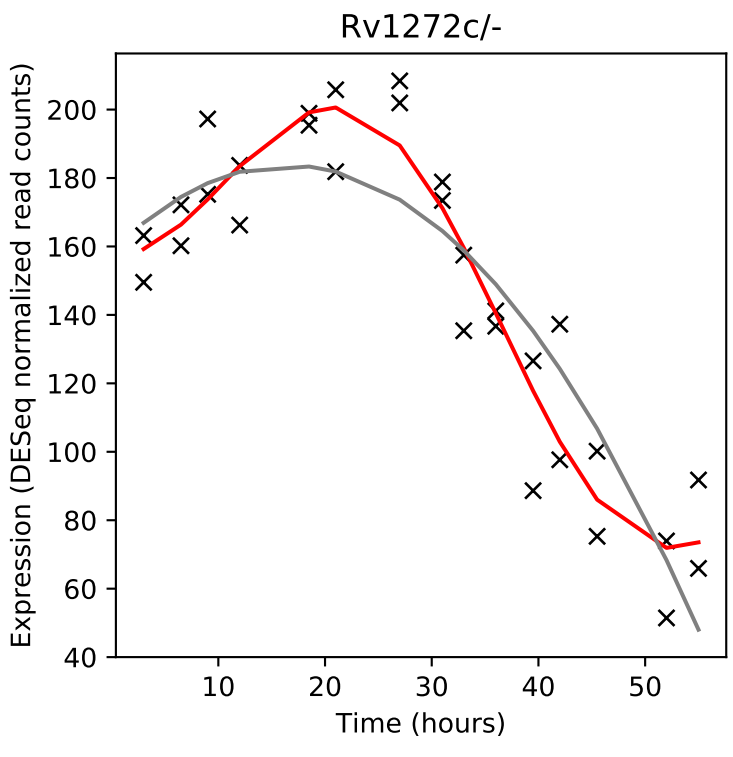

Rv1267c/embR
Expression (DESeq normalized read counts)
Time (hours)

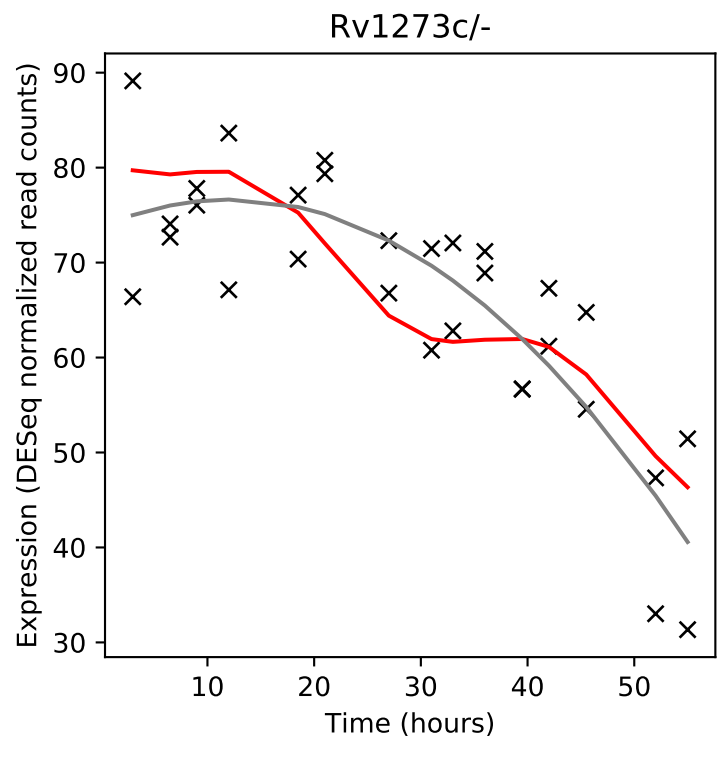

Rv1268c/-
Expression (DESeq normalized read counts)
Time (hours)

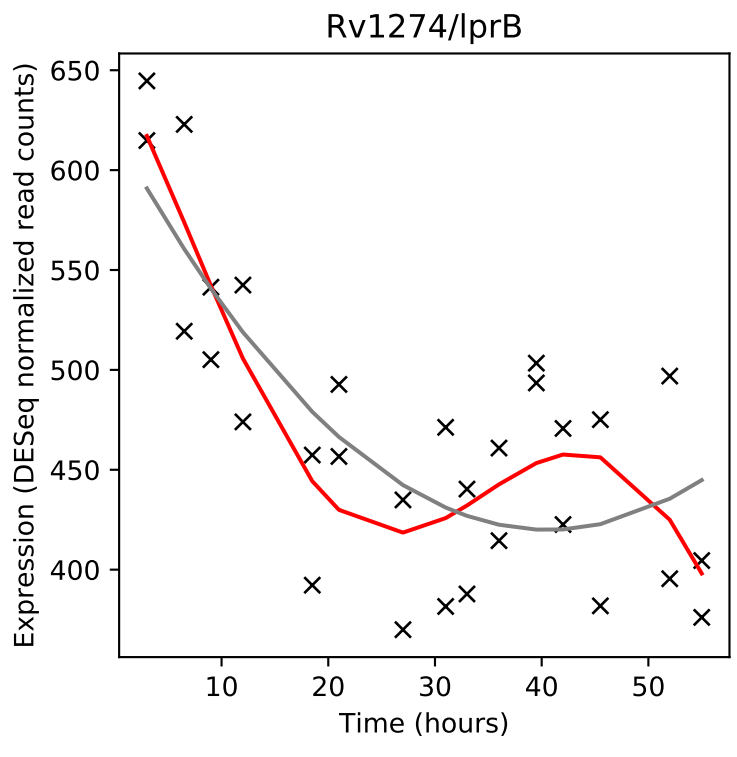

Rv1269c/-
Expression (DESeq normalized read counts)
Time (hours)

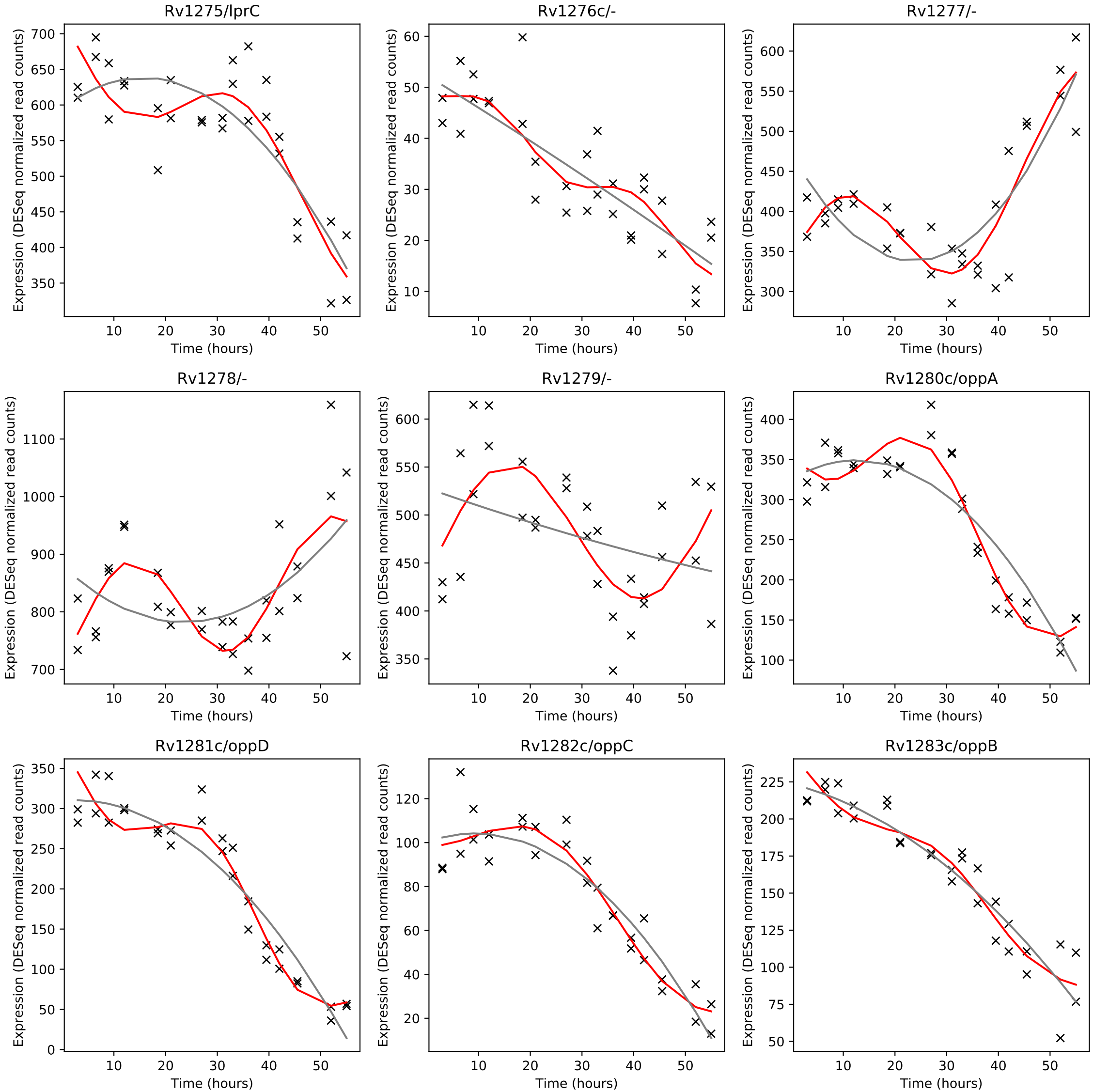

Rv1270c/lprA
Expression (DESeq normalized read counts)
Time (hours)

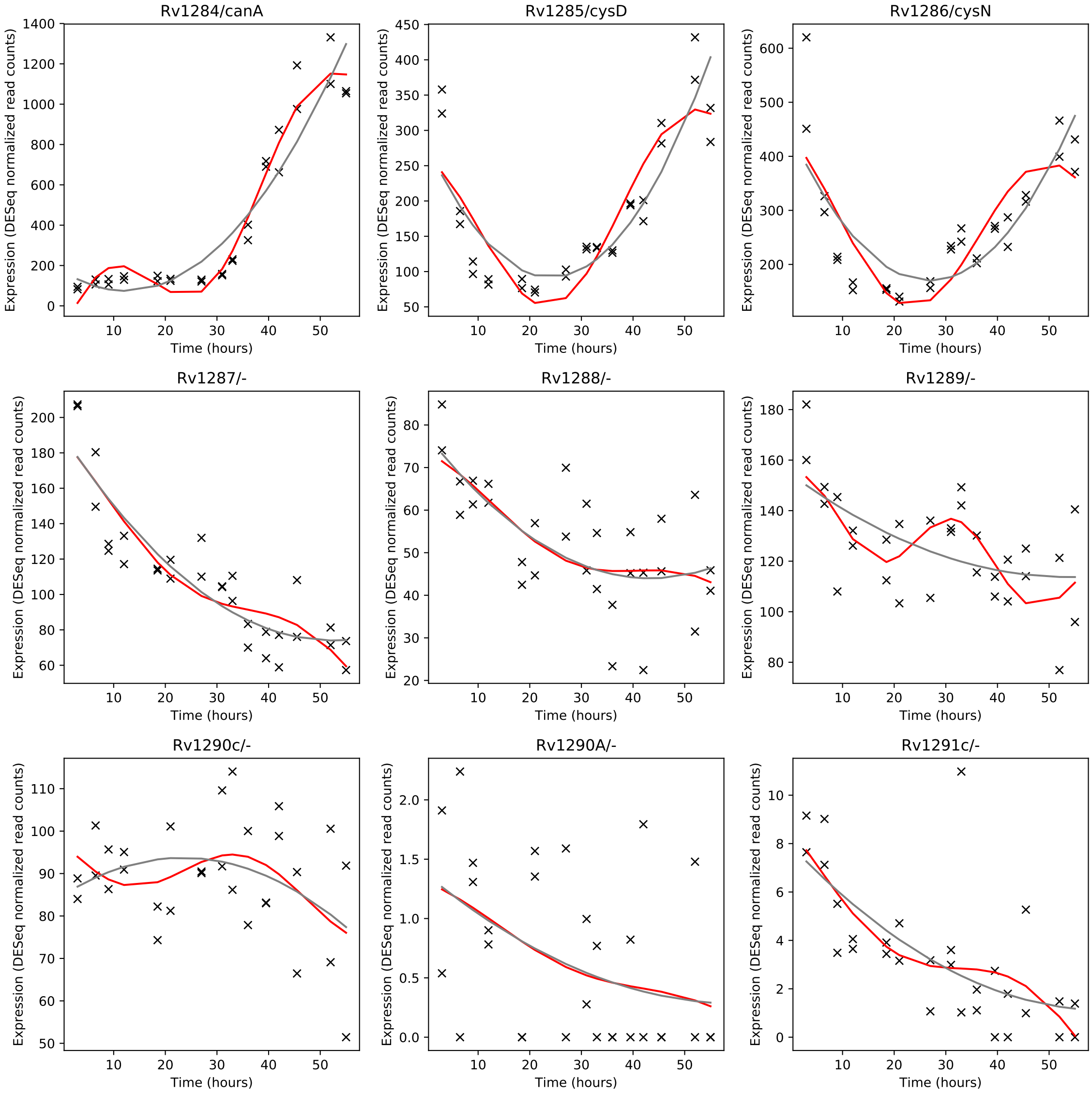

Rv1271c/-
Expression (DESeq normalized read counts)
Time (hours)

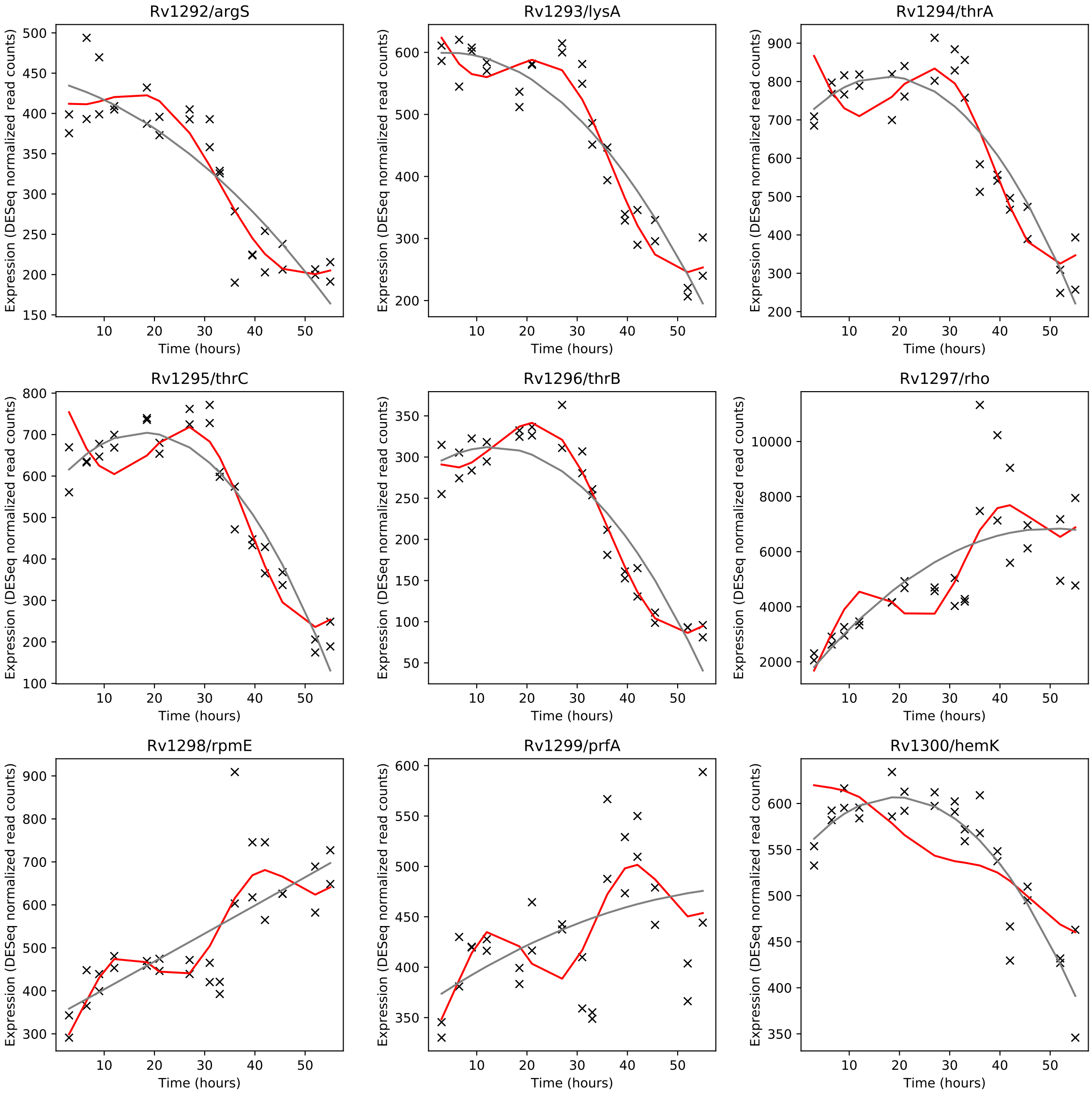

Rv1272c/-
Expression (DESeq normalized read counts)
Time (hours)

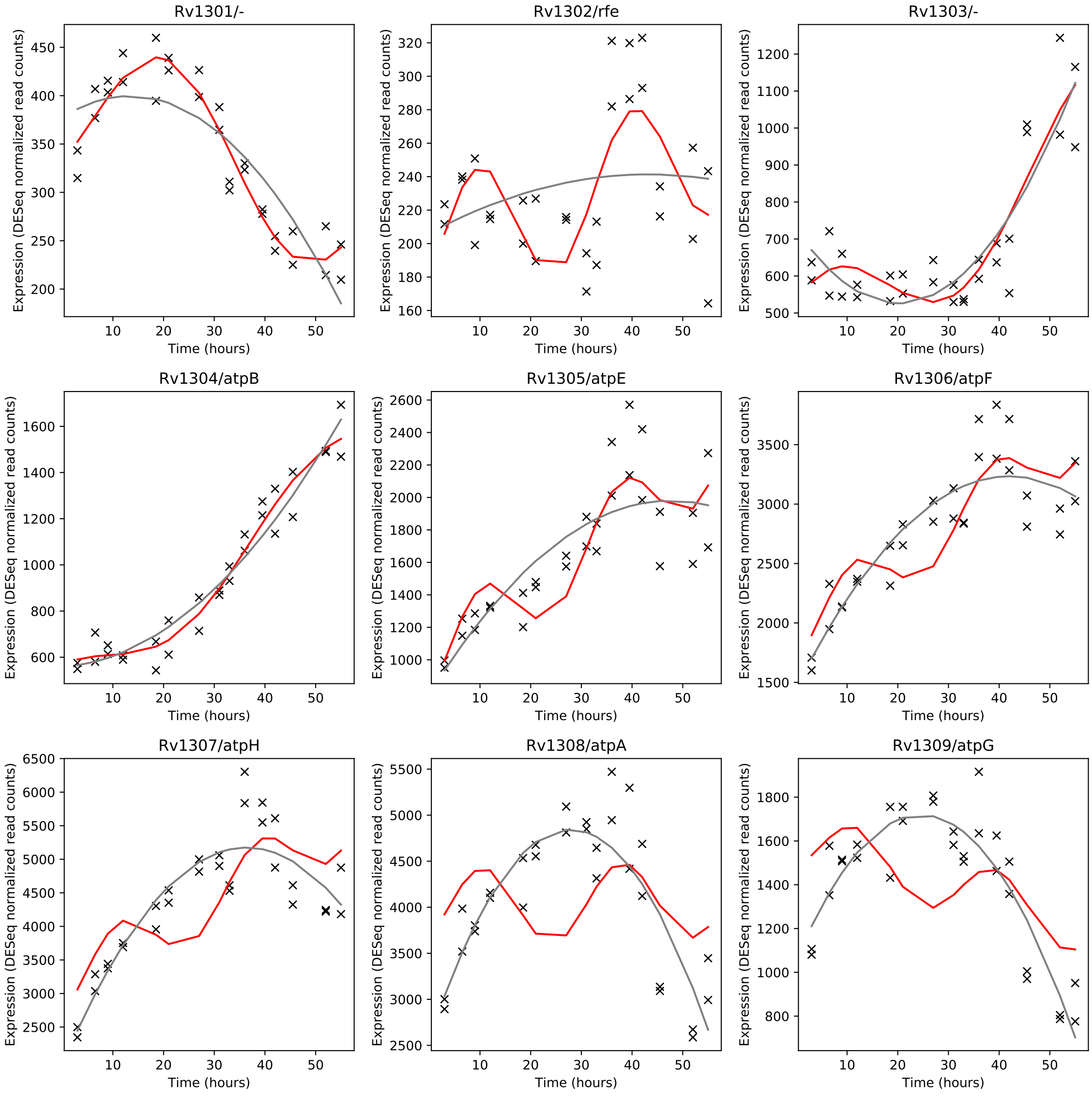

Rv1273c/-
Expression (DESeq normalized read counts)
Time (hours)

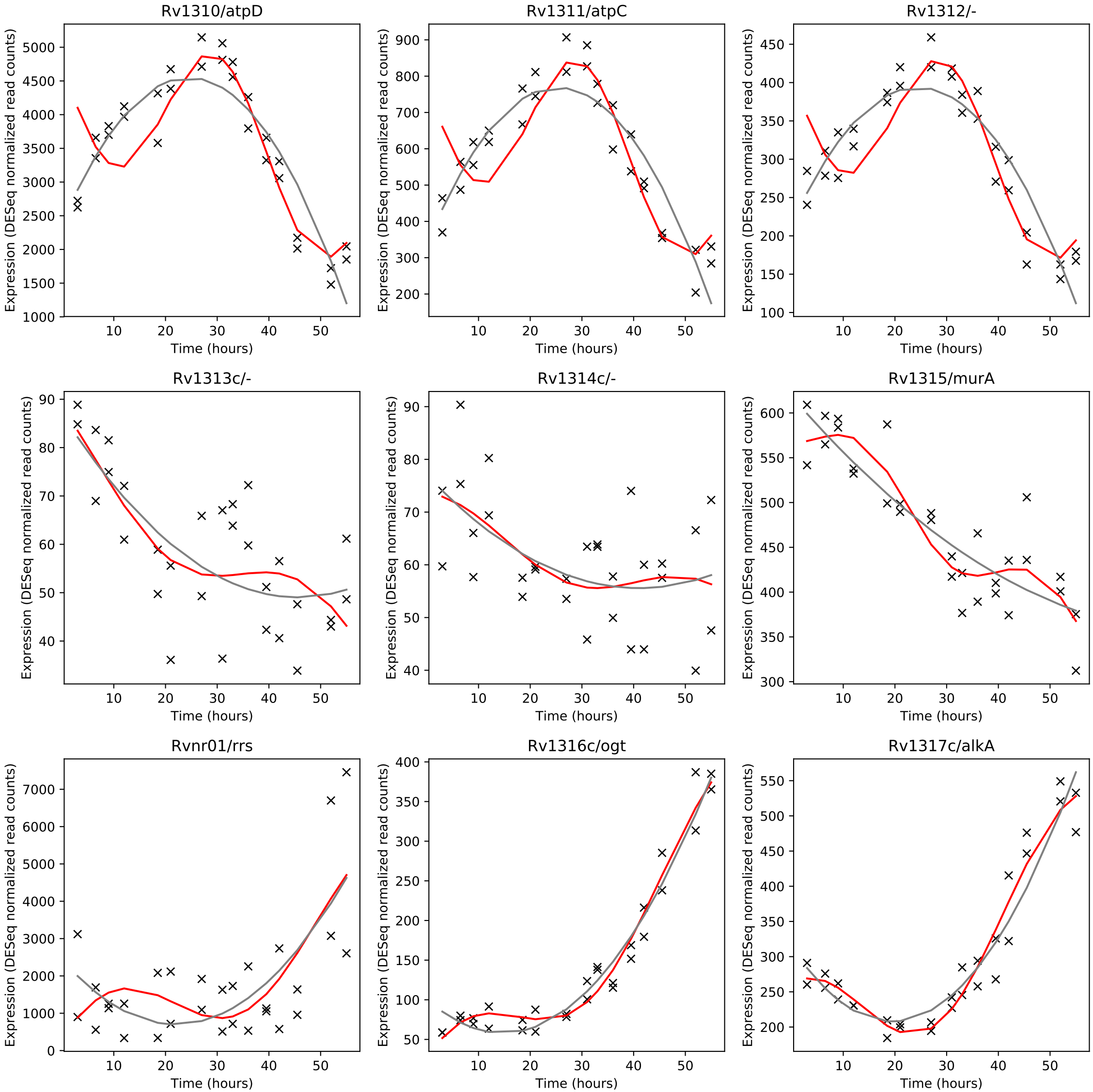

Rv1274/lprB
Expression (DESeq normalized read counts)
Time (hours)

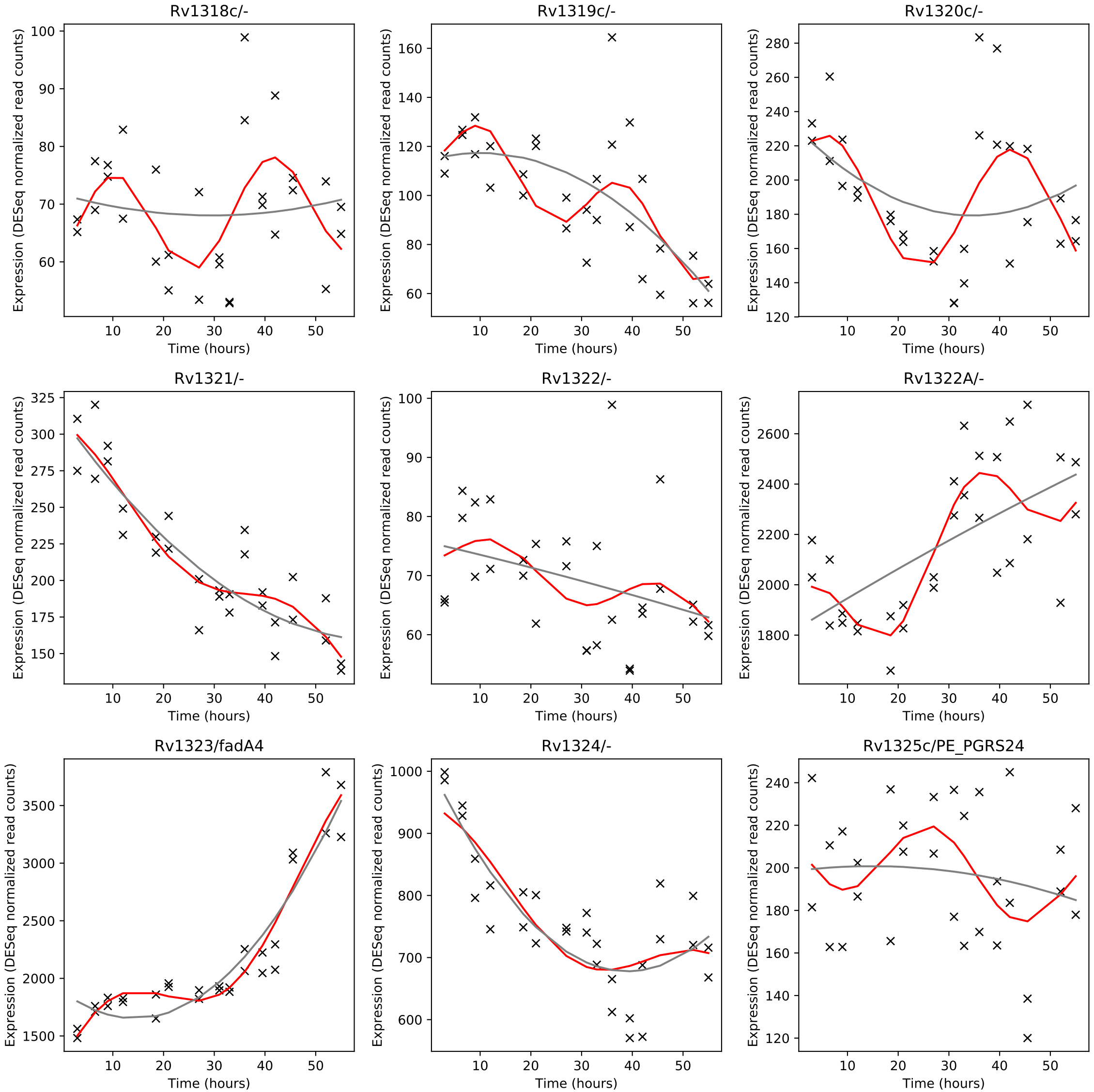

Rv1275/lprC
Rv1276c/-
Rv1277/-
Rv1278/-
Rv1279/-
Rv1280c/oppA
Rv1281c/oppD
Rv1282c/oppC
Rv1283c/oppB
Expression (DESeq normalized read counts)
Time (hours)

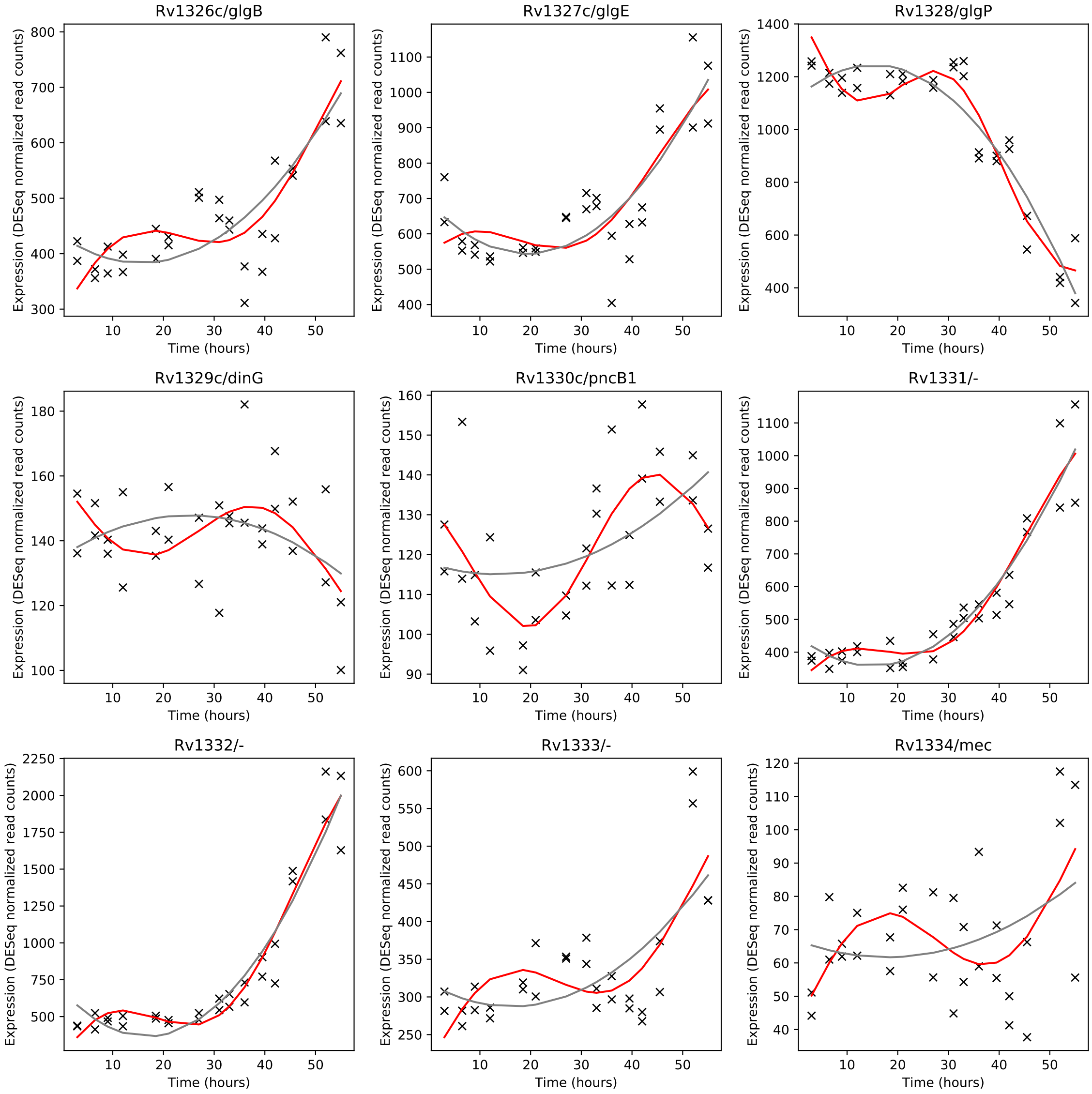

Rv1284/canA
Rv1285/cysD
Rv1286/cysN
Rv1287/-
Rv1288/-
Rv1289/-
Rv1290c/-
Rv1290A/-
Rv1291c/-
Expression (DESeq normalized read counts)
Time (hours)

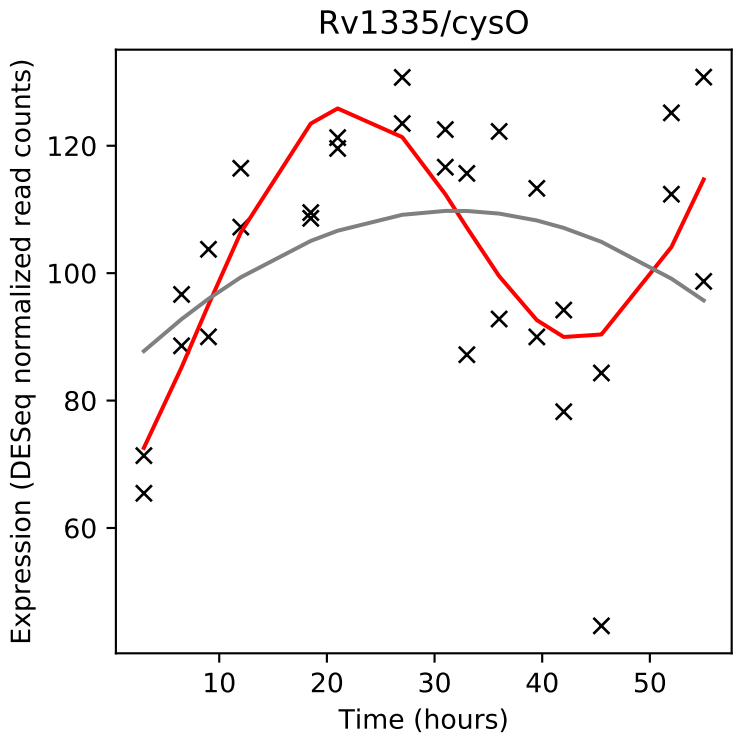

Rv1292/argS
Rv1293/lysA
Rv1294/thrA
Rv1295/thrC
Rv1296/thrB
Rv1297/rho
Rv1298/rpmE
Rv1299/prfA
Rv1300/hemK
Expression (DESeq normalized read counts)
Time (hours)

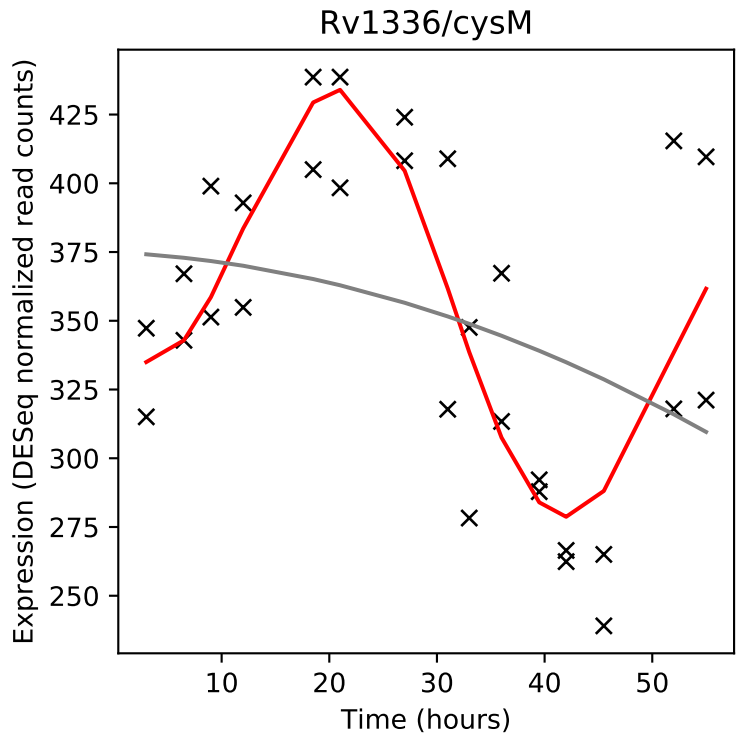

Rv1301/-
Rv1302/rfe
Rv1303/-
Rv1304/atpB
Rv1305/atpE
Rv1306/atpF
Rv1307/atpH
Rv1308/atpA
Rv1309/atpG
Expression (DESeq normalized read counts)
Time (hours)

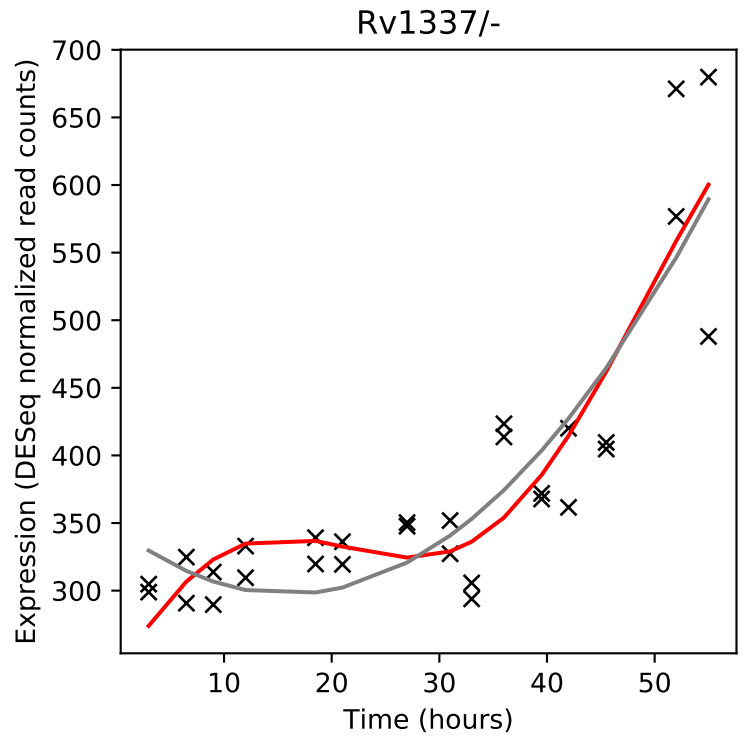

Rv1310/atpD
Rv1311/atpC
Rv1312/-
Rv1313c/-
Rv1314c/-
Rv1315/murA
Rvnr01/rrs
Rv1316c/ogt
Rv1317c/alkA
Expression (DESeq normalized read counts)
Time (hours)

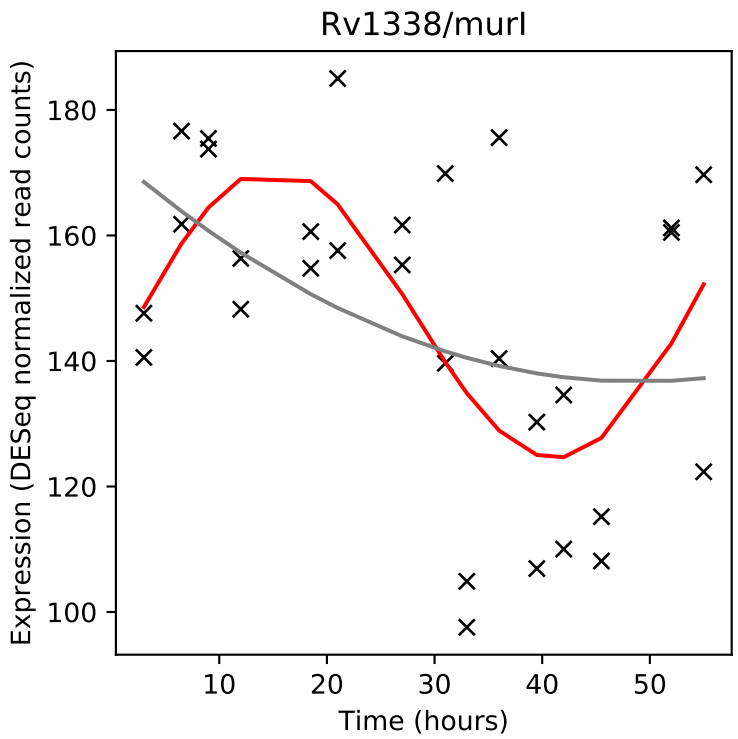

Rv1318c/-
Rv1319c/-
Rv1320c/-
Rv1321/-
Rv1322/-
Rv1322A/-
Rv1323/fadA4
Rv1324/-
Rv1325c/PE_PGRS24
Expression (DESeq normalized read counts)
Time (hours)

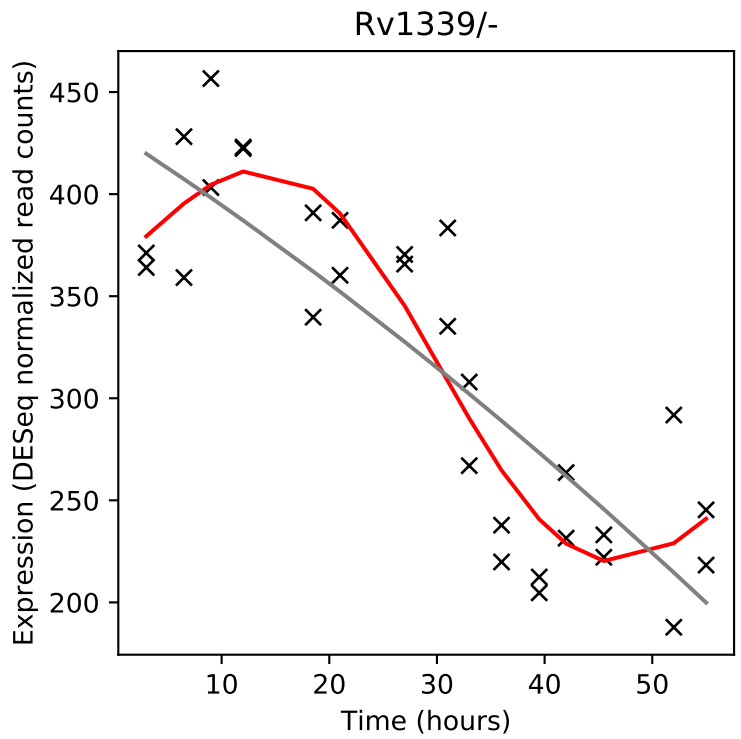

Rv1326c/glgB
Rv1327c/glgE
Rv1328/glgP
Rv1329c/dinG
Rv1330c/pncB1
Rv1331/-
Rv1332/-
Rv1333/-
Rv1334/mec
Expression (DESeq normalized read counts)
Time (hours)

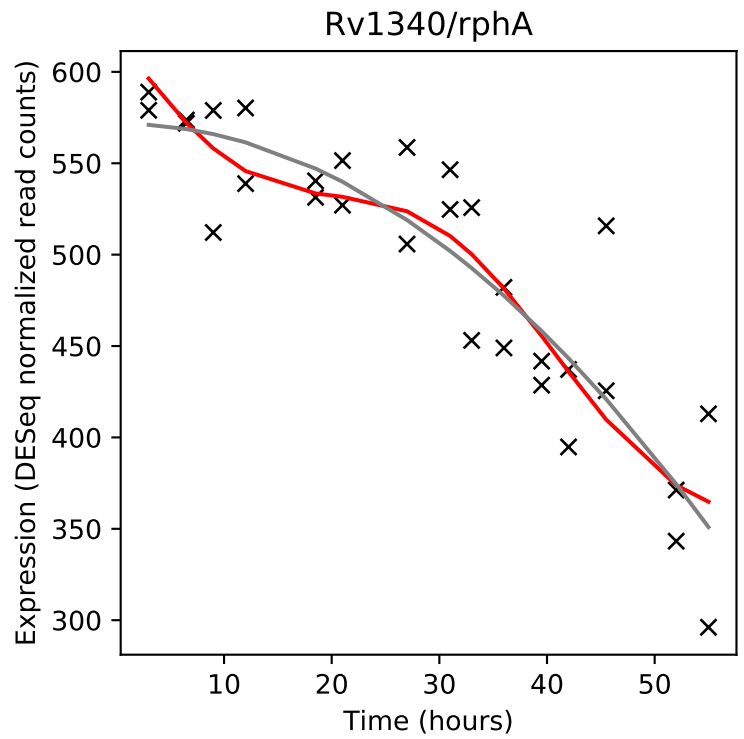

Rv1335/cysO
Expression (DESeq normalized read counts)
Time (hours)

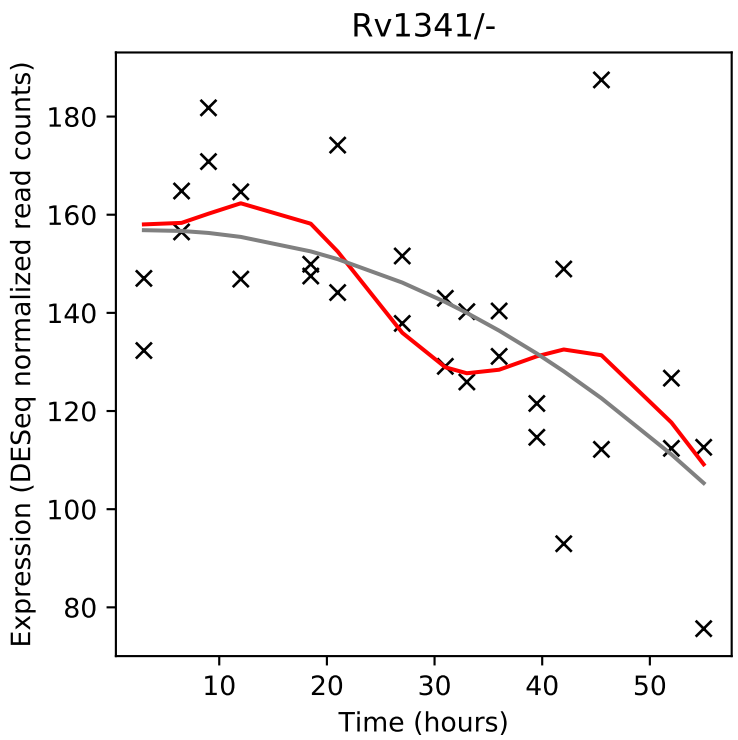

Rv1336/cysM
Expression (DESeq normalized read counts)
Time (hours)

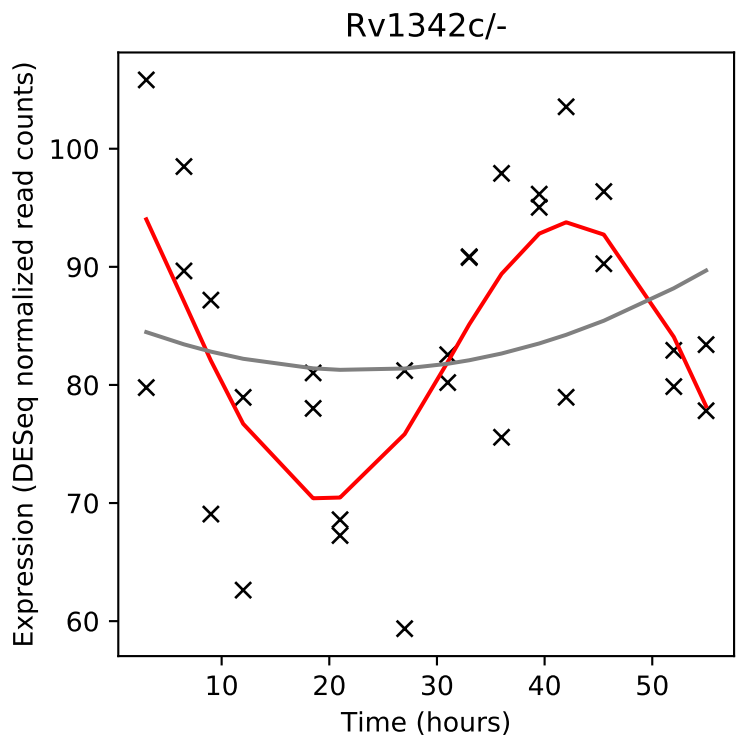

Rv1337/-
Expression (DESeq normalized read counts)
Time (hours)

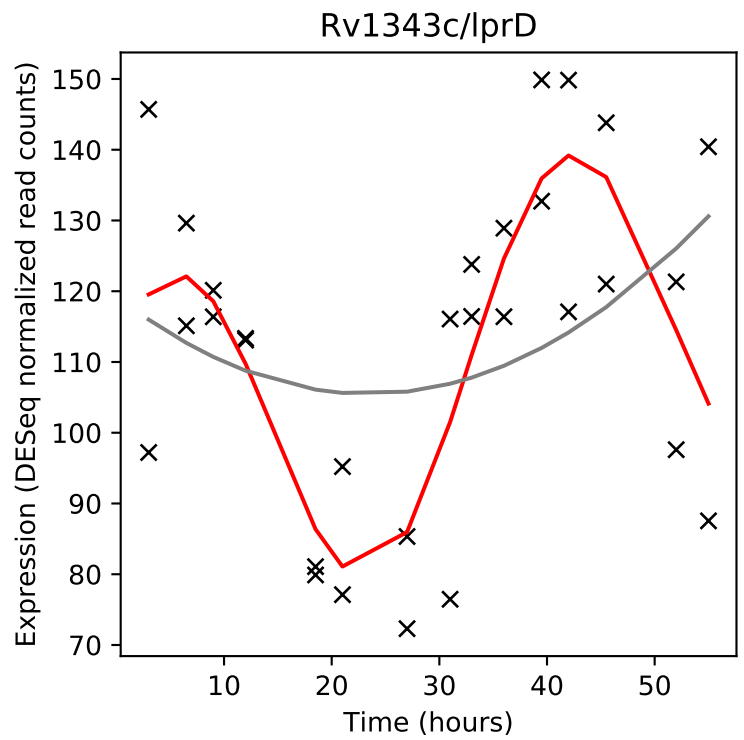

Rv1338/murI
Expression (DESeq normalized read counts)
Time (hours)

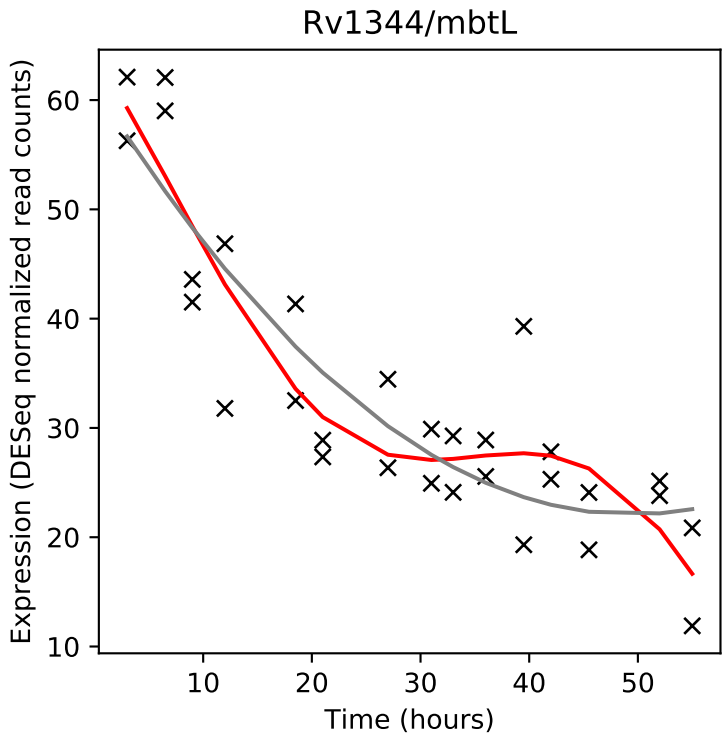

Rv1339/-
Expression (DESeq normalized read counts)
Time (hours)

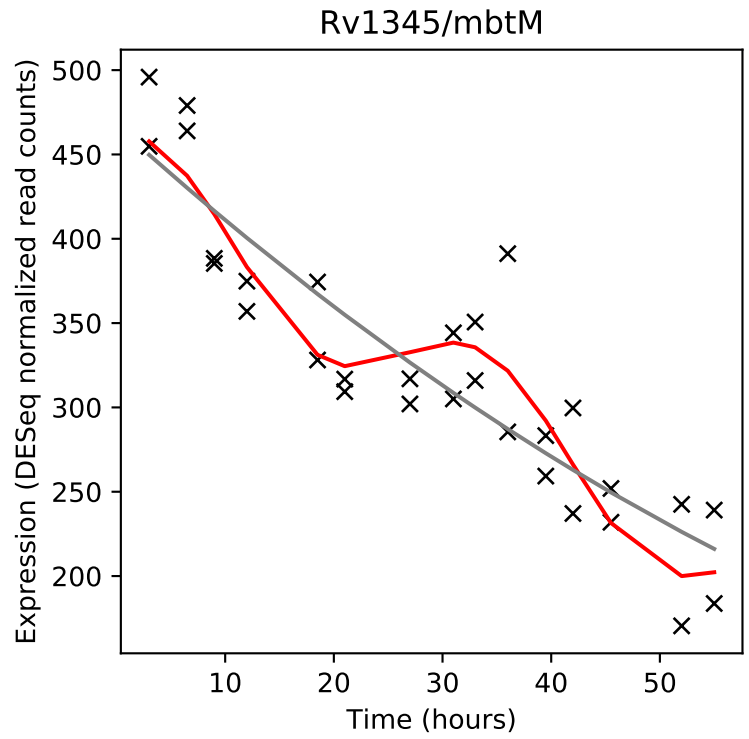

Rv1340/rphA
Expression (DESeq normalized read counts)
Time (hours)

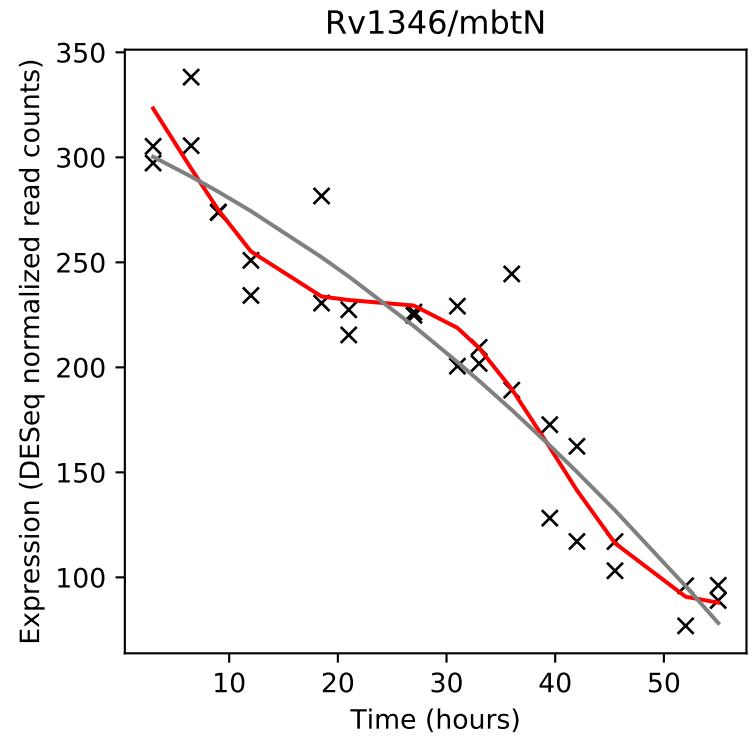

Rv1341/-
Expression (DESeq normalized read counts)
Time (hours)

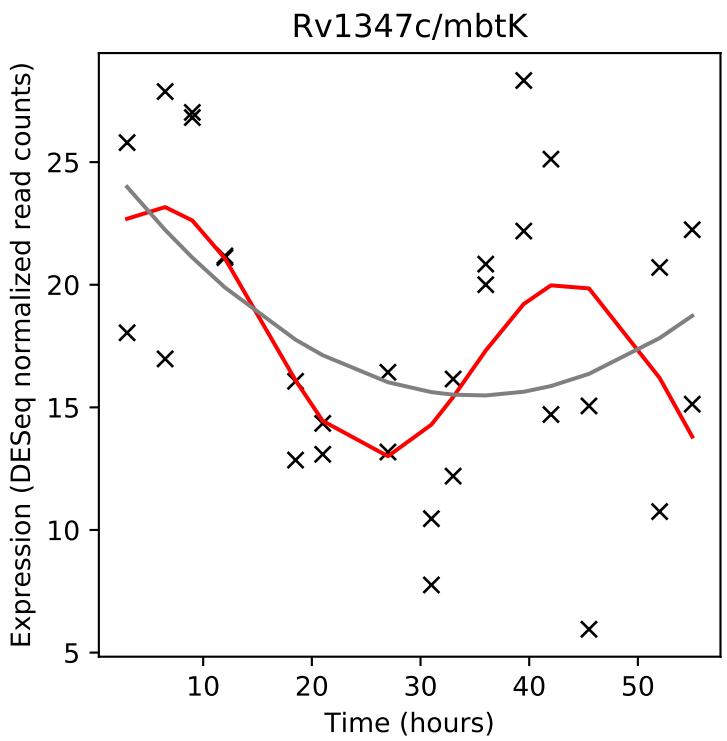

Rv1342c/-
Expression (DESeq normalized read counts)
Time (hours)

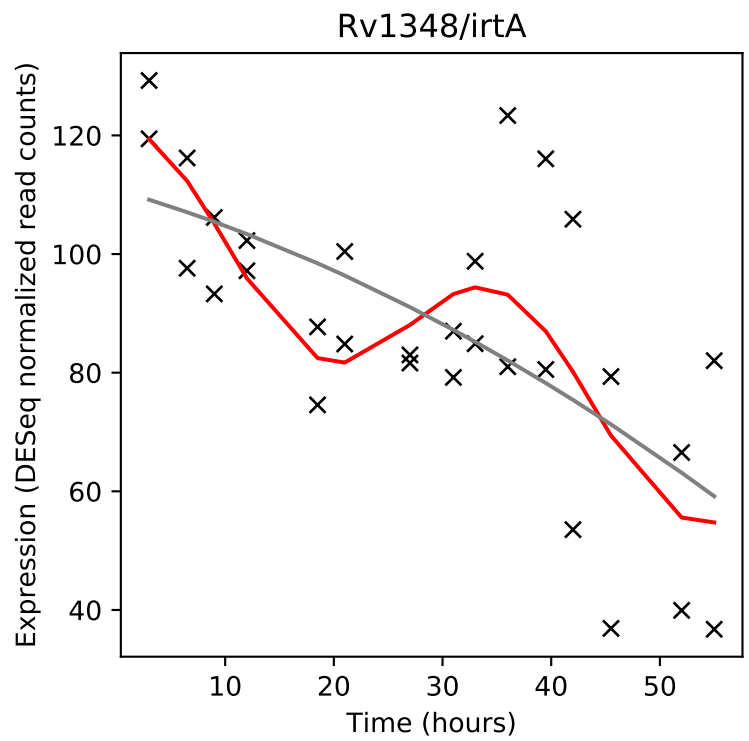

Rv1343c/lprD
Expression (DESeq normalized read counts)
Time (hours)

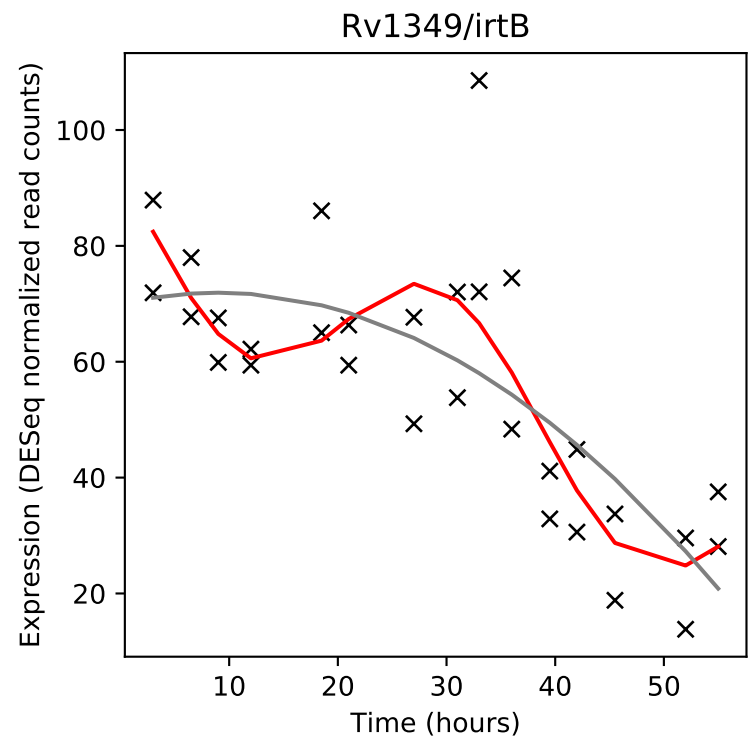

Rv1344/mbtL
Expression (DESeq normalized read counts)
Time (hours)

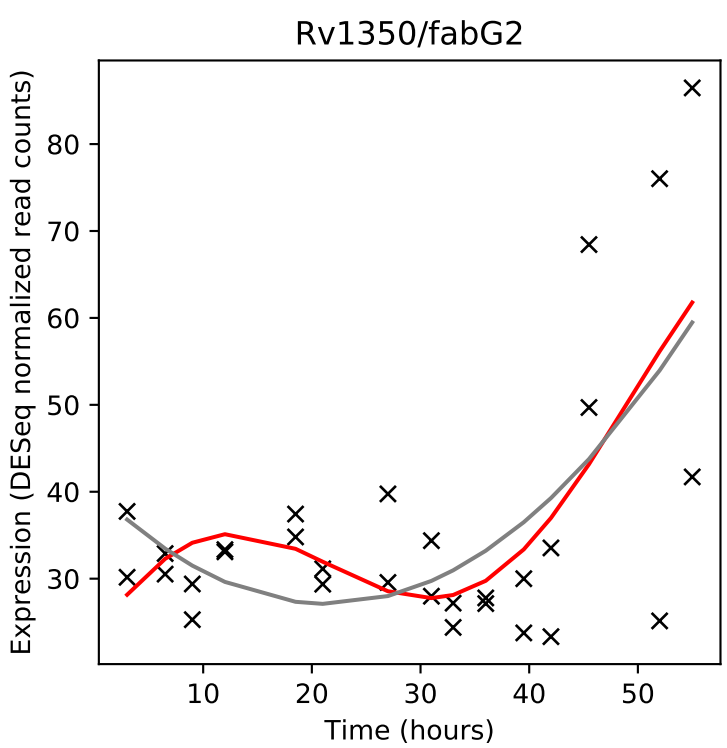

Rv1345/mbtM
Expression (DESeq normalized read counts)
Time (hours)

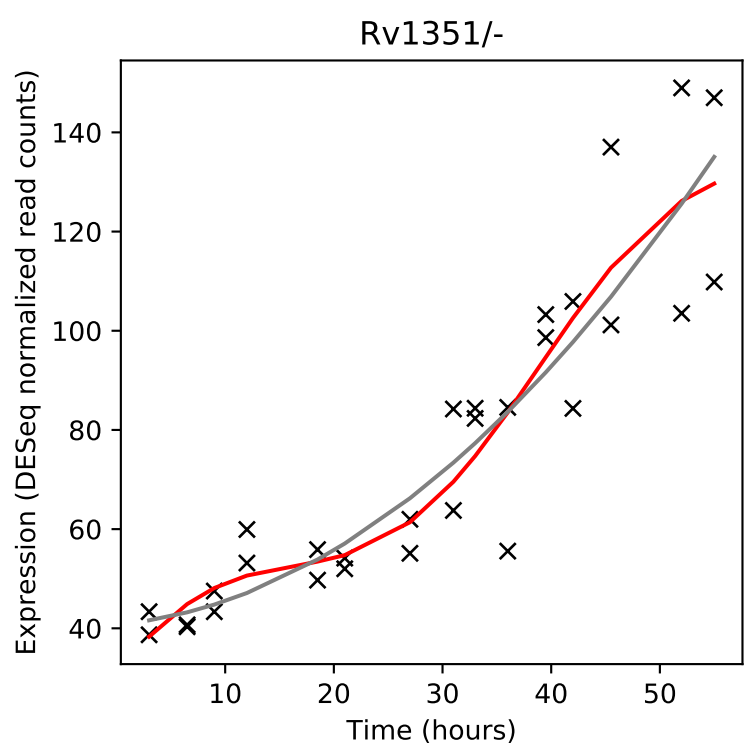

Rv1346/mbtN
Expression (DESeq normalized read counts)
Time (hours)

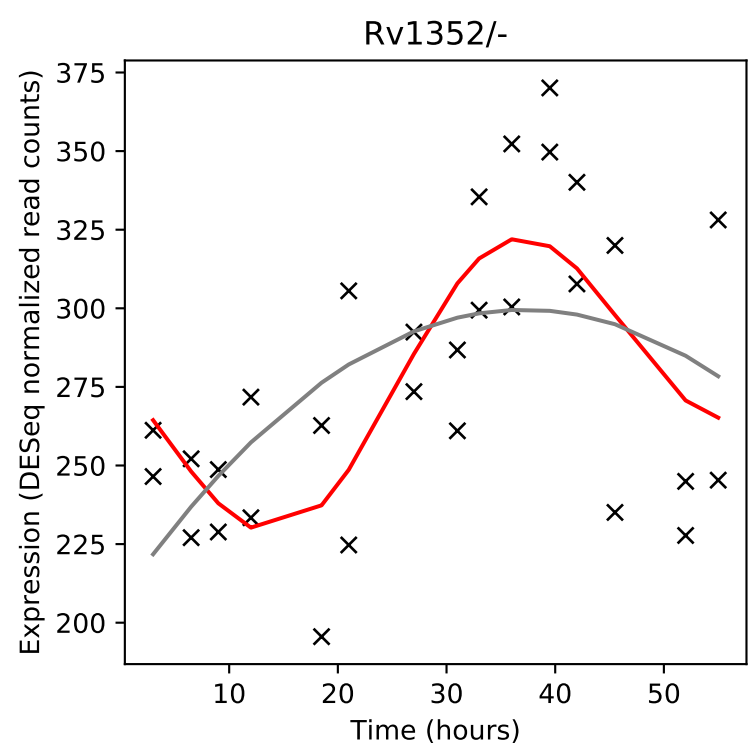

Rv1347c/mbtK
Expression (DESeq normalized read counts)
Time (hours)

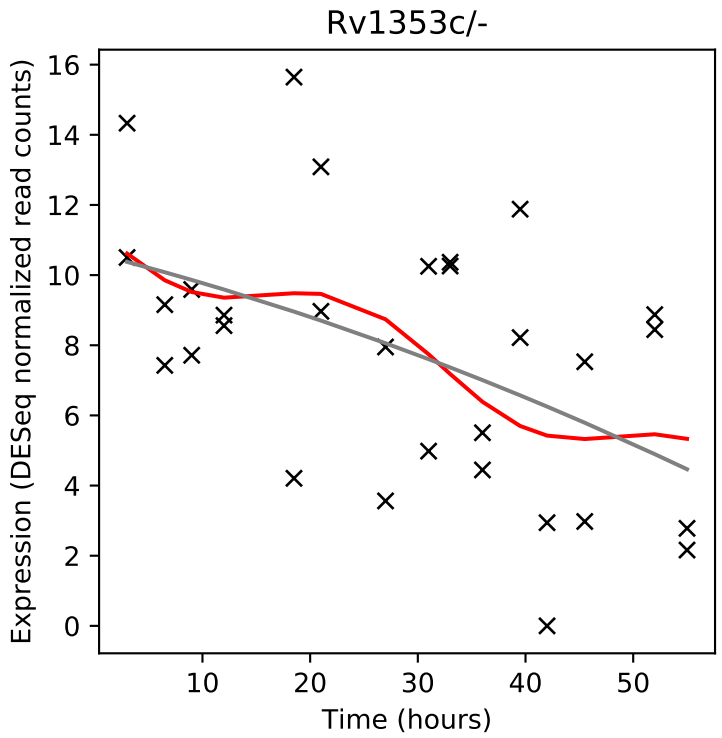

Rv1348/irtA
Expression (DESeq normalized read counts)
Time (hours)

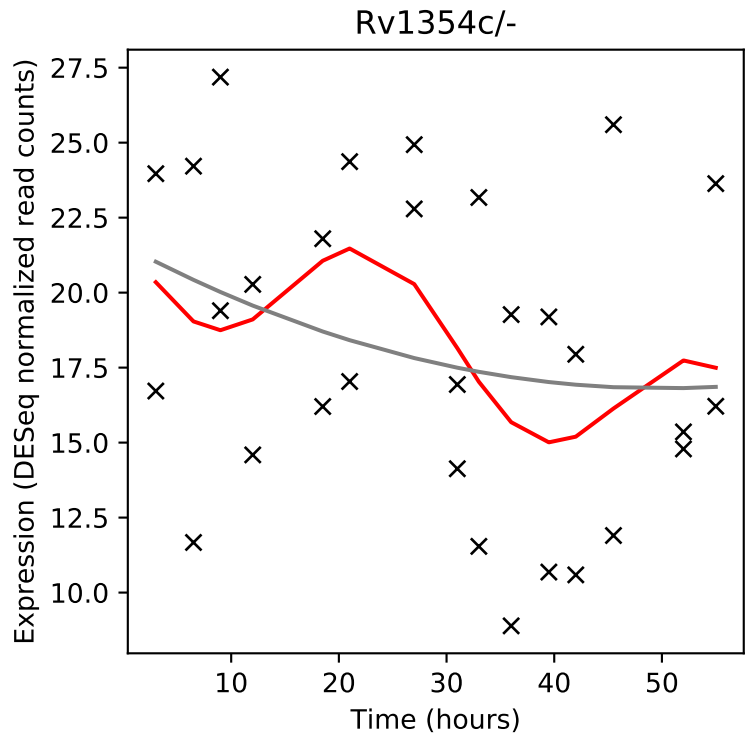

Rv1349/irtB
Expression (DESeq normalized read counts)
Time (hours)

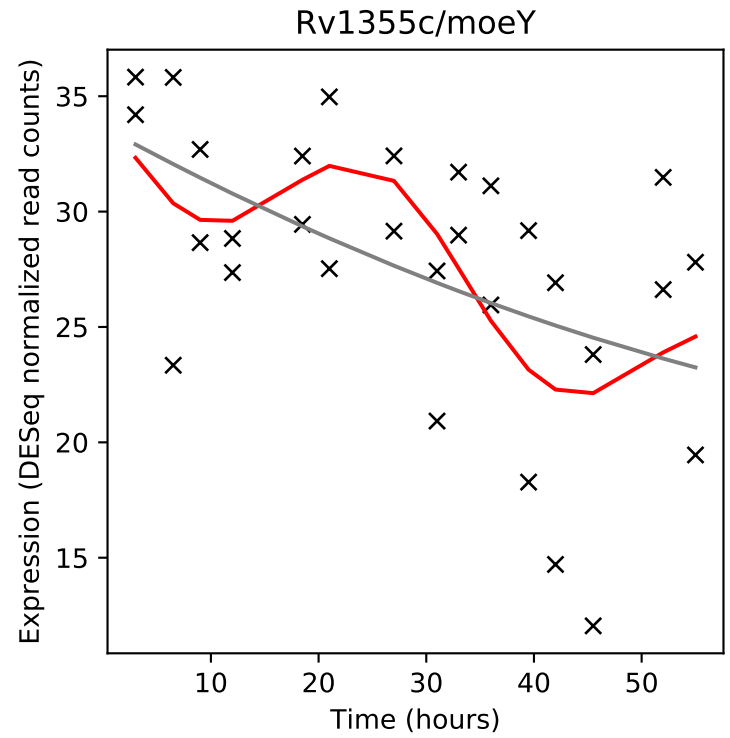

Rv1350/fabG2
Expression (DESeq normalized read counts)
Time (hours)

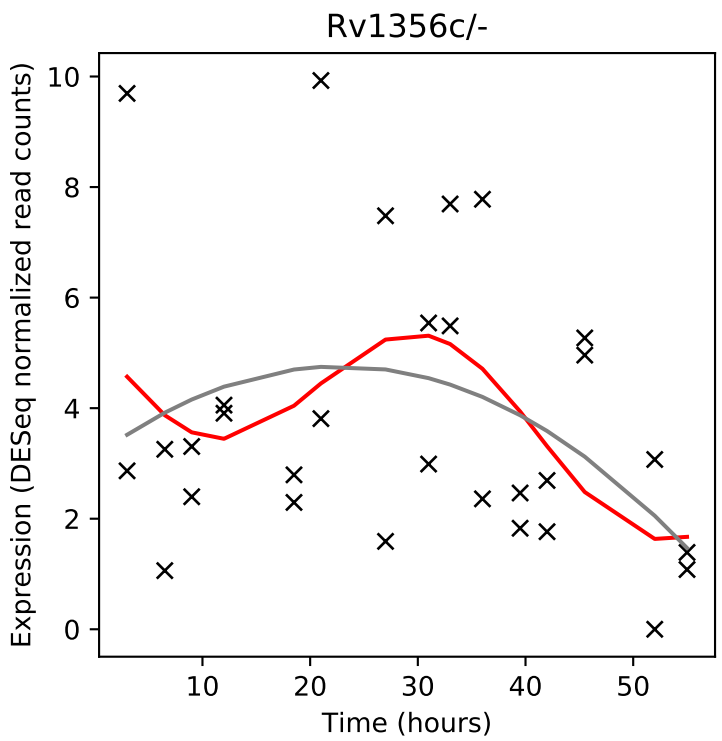

Rv1351/-
Expression (DESeq normalized read counts)
Time (hours)

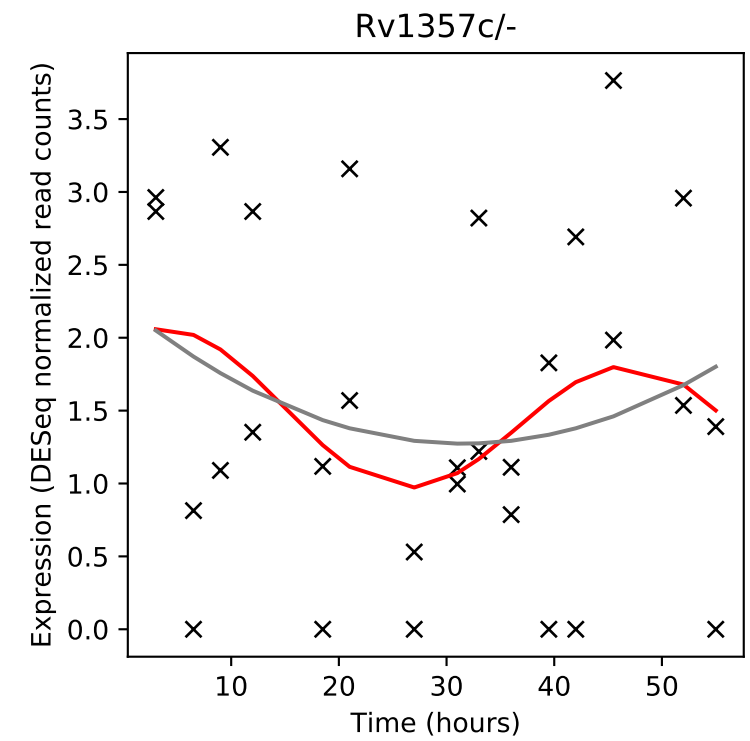

Rv1352/-
Expression (DESeq normalized read counts)
Time (hours)

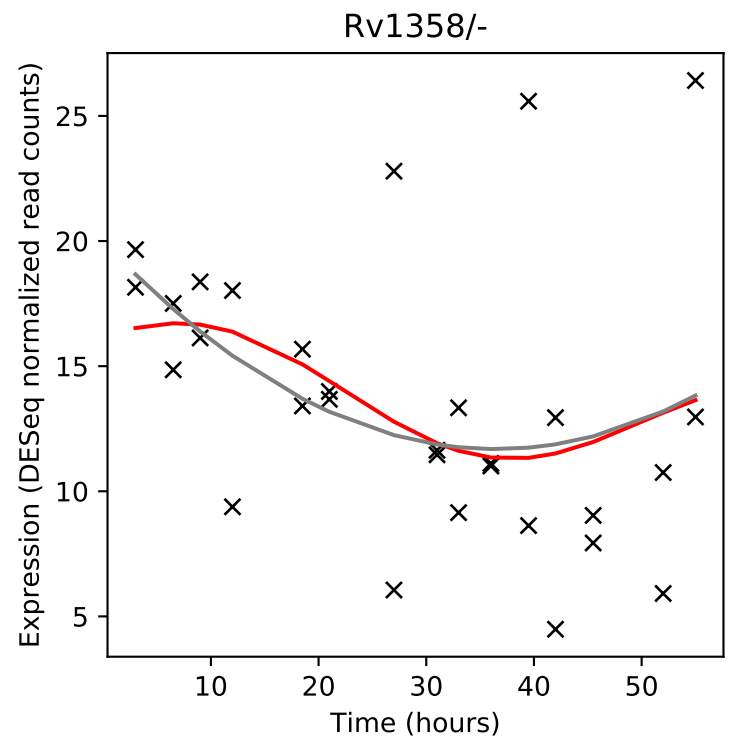

Rv1353c/-
Expression (DESeq normalized read counts)
Time (hours)

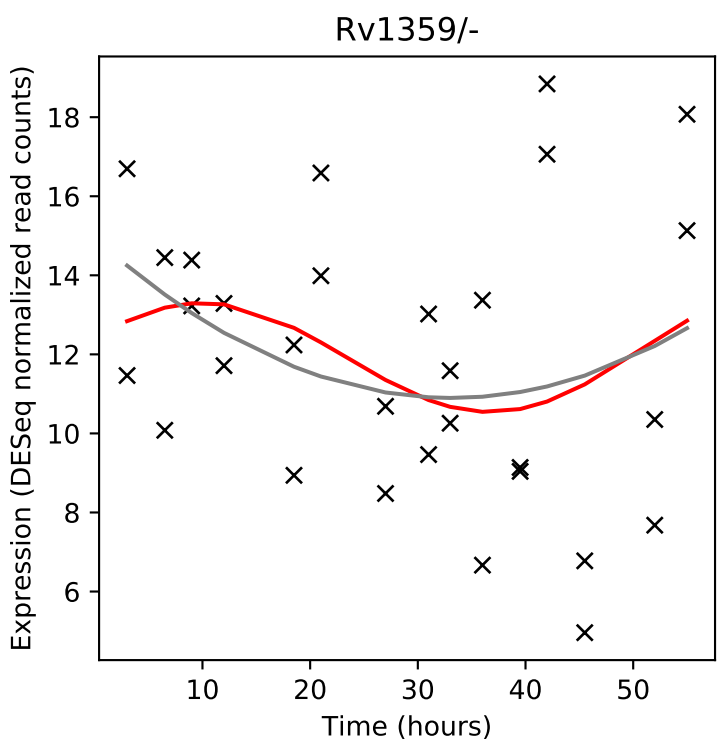

Rv1354c/-
Expression (DESeq normalized read counts)
Time (hours)

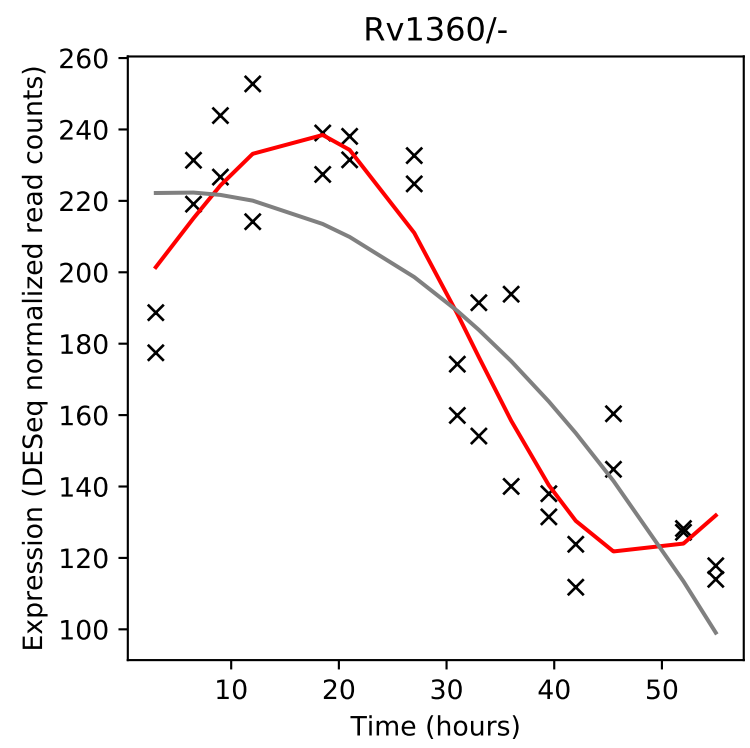

Rv1355c/moeY
Expression (DESeq normalized read counts)
Time (hours)

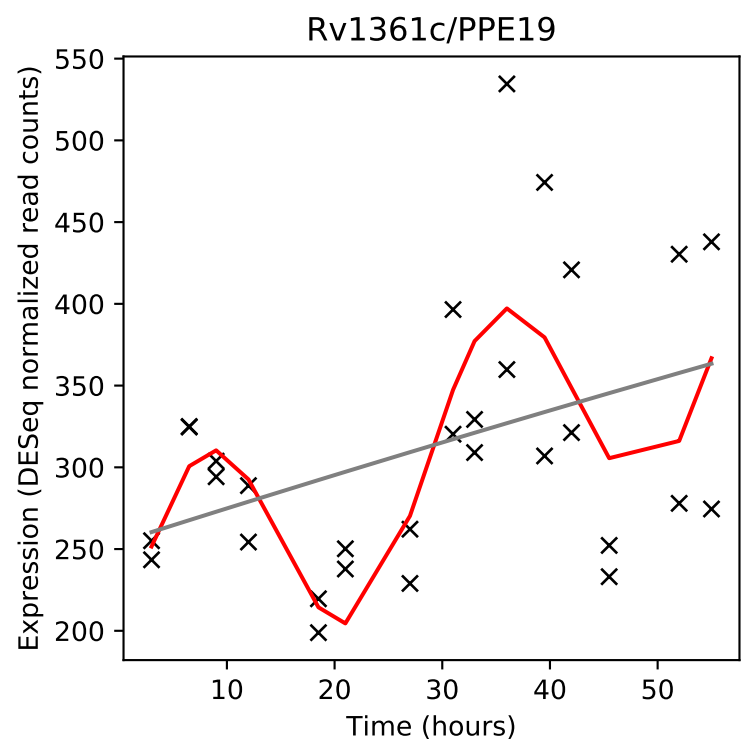

Rv1356c/-
Expression (DESeq normalized read counts)
Time (hours)

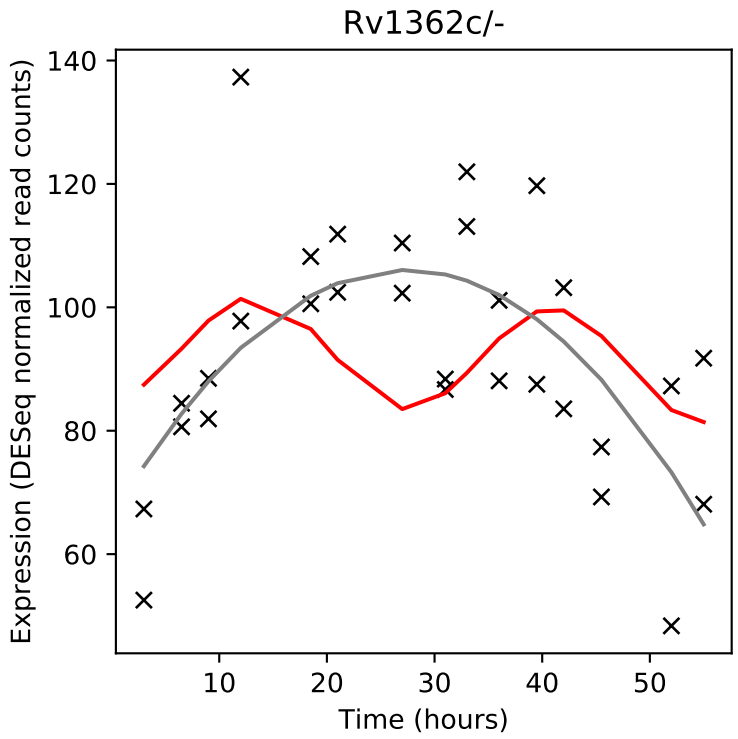

Rv1357c/-
Expression (DESeq normalized read counts)
Time (hours)

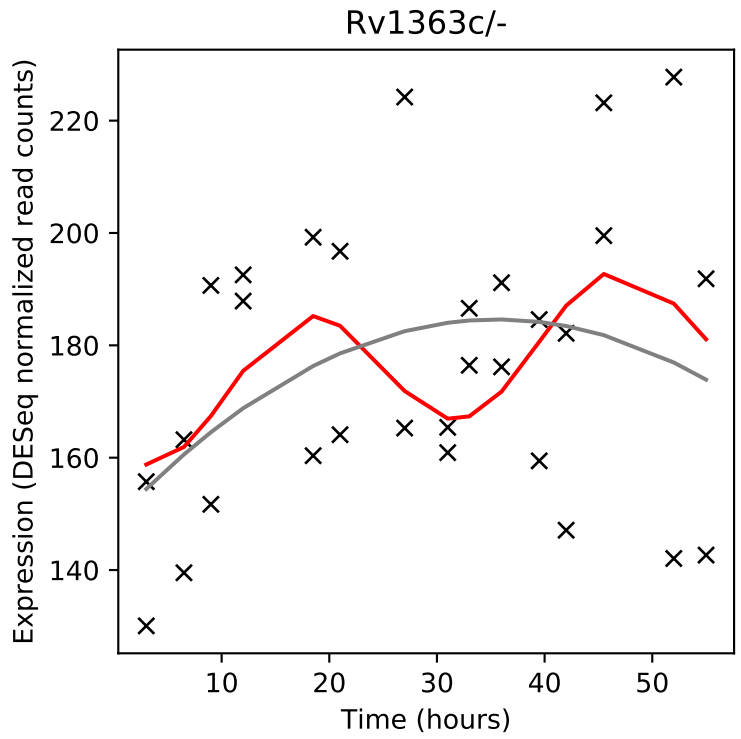

Rv1358/-
Expression (DESeq normalized read counts)
Time (hours)

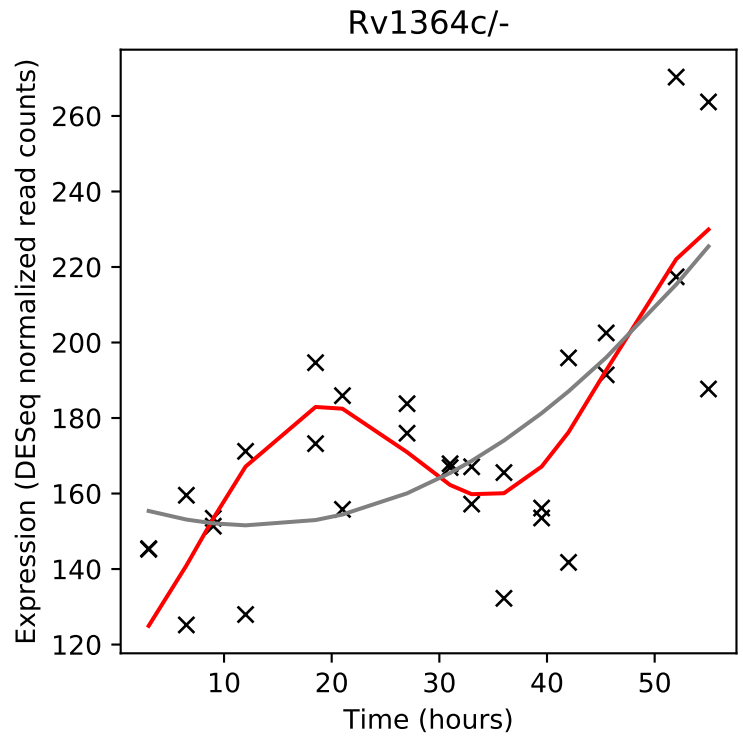

Rv1359/-
Expression (DESeq normalized read counts)
Time (hours)

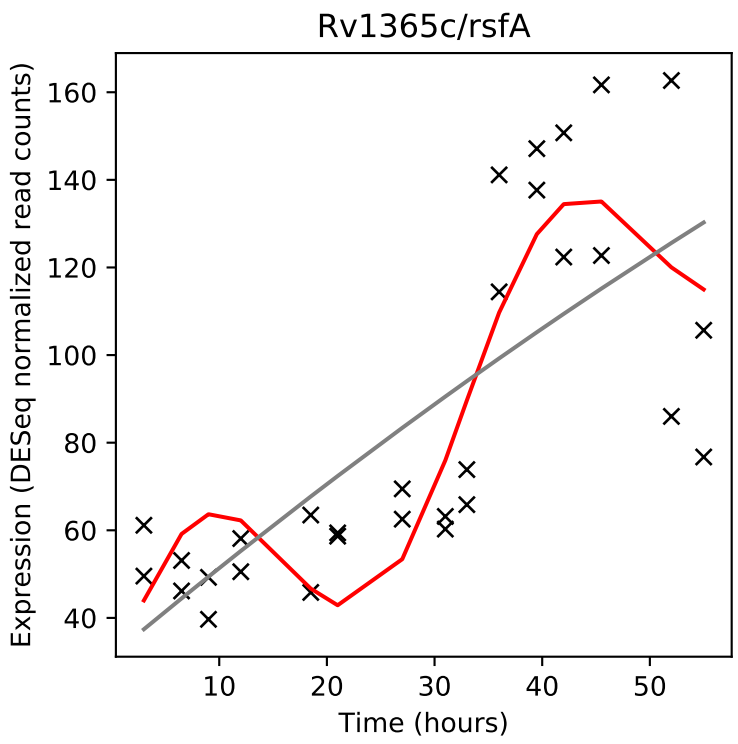

Rv1360/-
Expression (DESeq normalized read counts)
Time (hours)

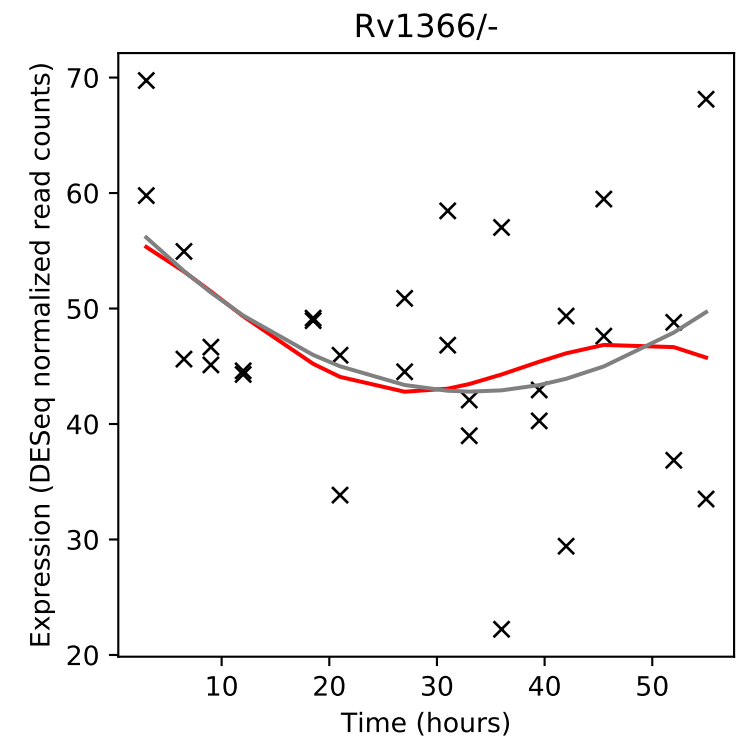

Rv1361c/PPE19
Expression (DESeq normalized read counts)
Time (hours)

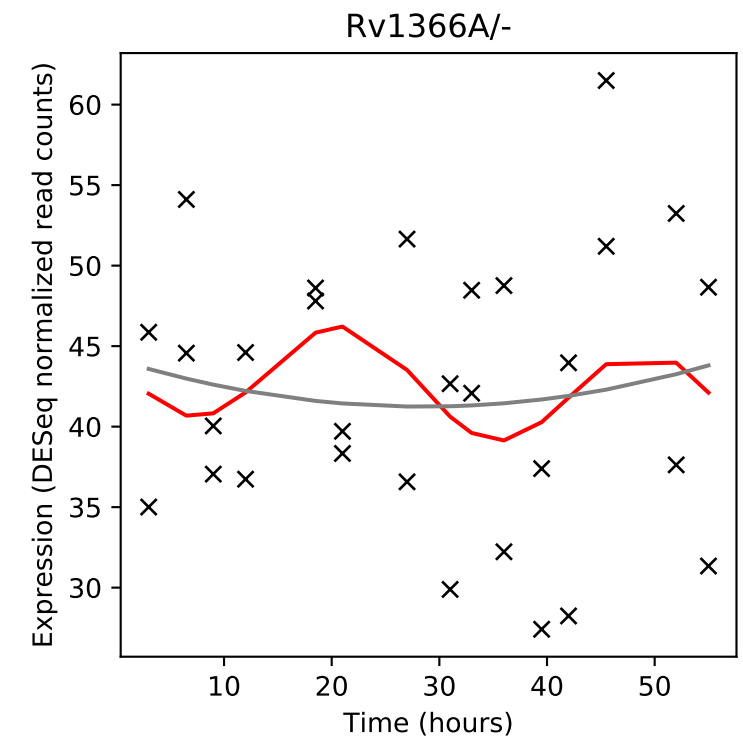

Rv1362c/-
Expression (DESeq normalized read counts)
Time (hours)

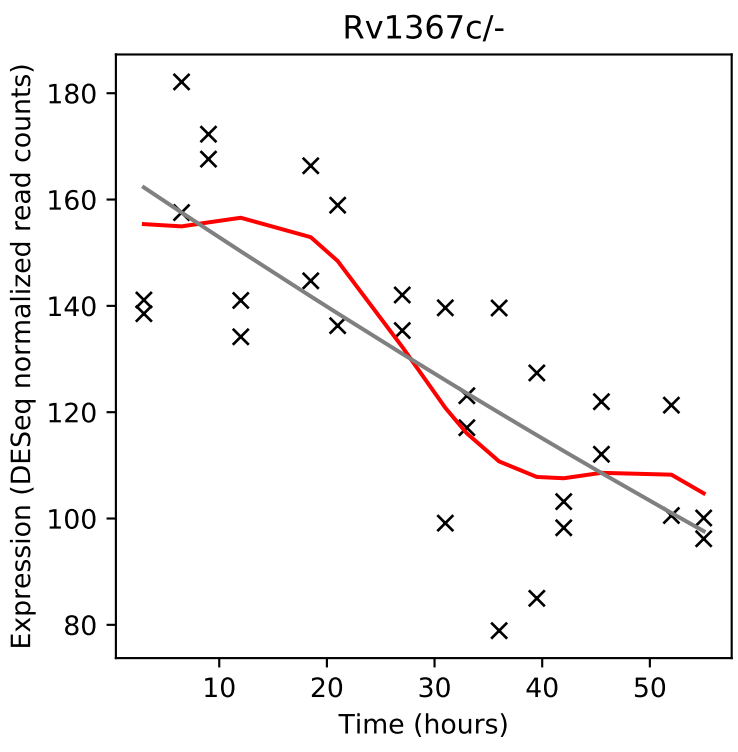

Rv1363c/-
Expression (DESeq normalized read counts)
Time (hours)

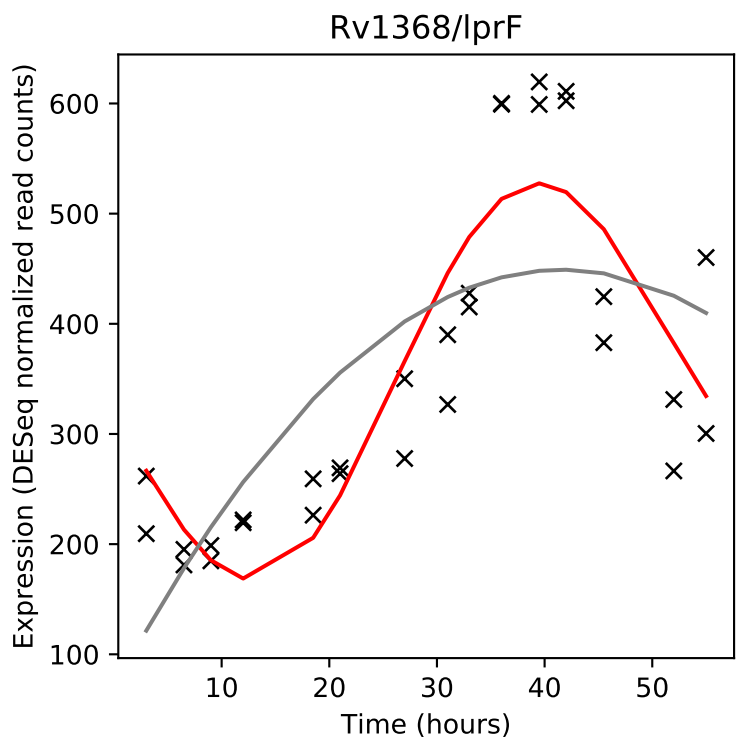

Rv1364c/-
Expression (DESeq normalized read counts)
Time (hours)

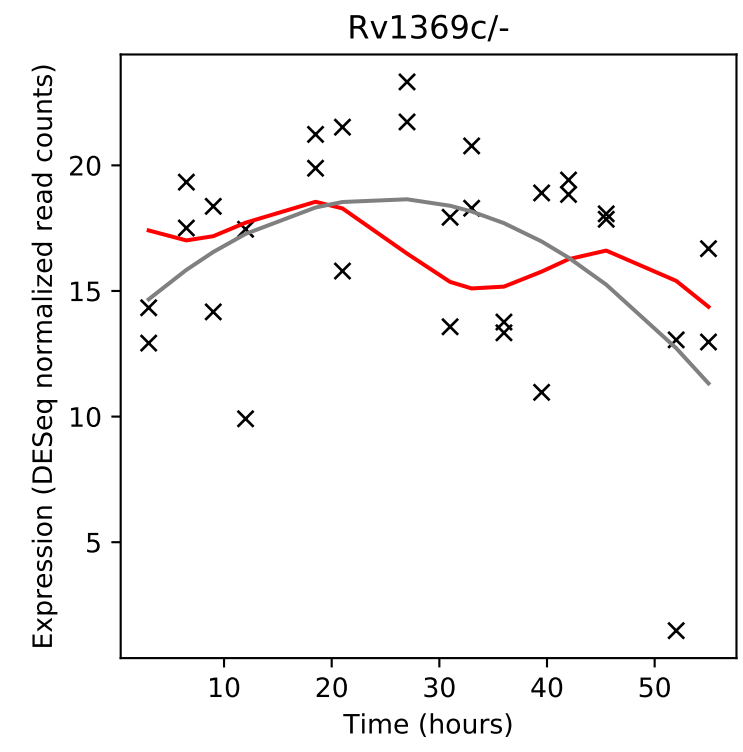

Rv1365c/rsfA
Expression (DESeq normalized read counts)
Time (hours)

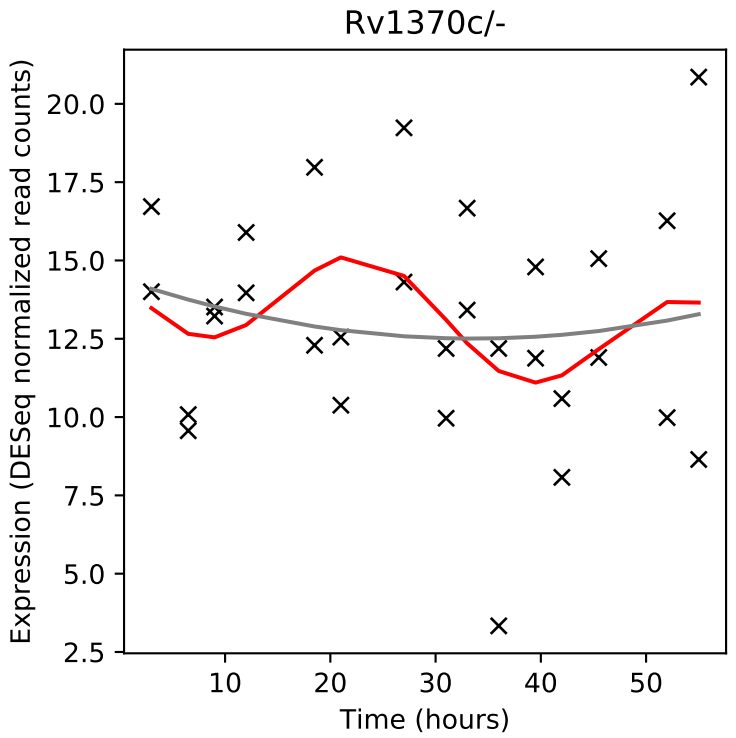

Rv1366/-
Expression (DESeq normalized read counts)
Time (hours)

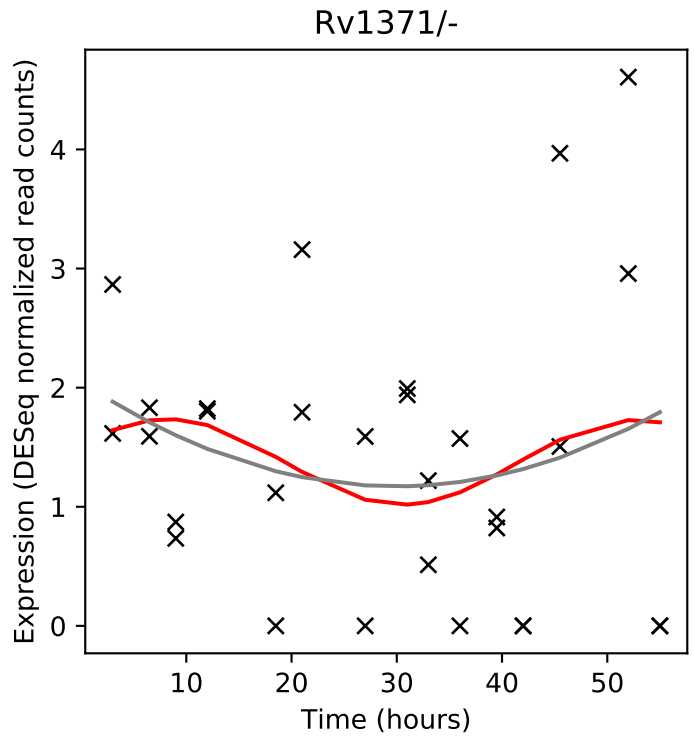

Rv1366A/-
Expression (DESeq normalized read counts)
Time (hours)

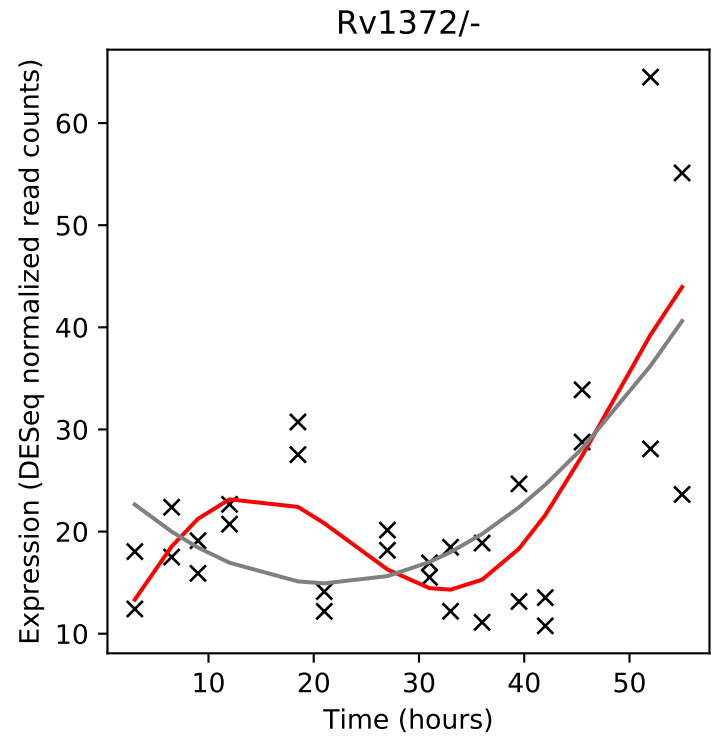

Rv1367c/-
Expression (DESeq normalized read counts)
Time (hours)

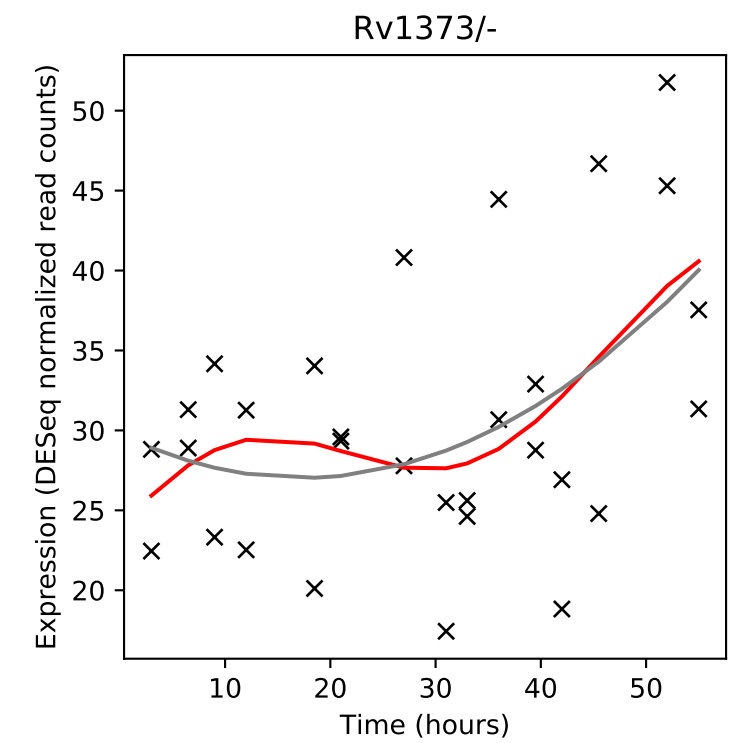

Rv1368/lprF
Expression (DESeq normalized read counts)
Time (hours)

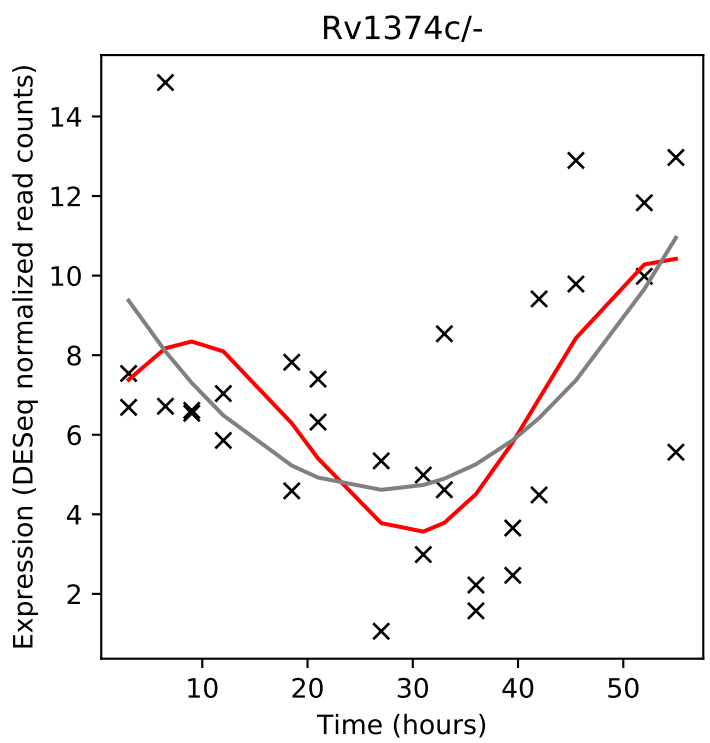

Rv1369c/-
Expression (DESeq normalized read counts)
Time (hours)

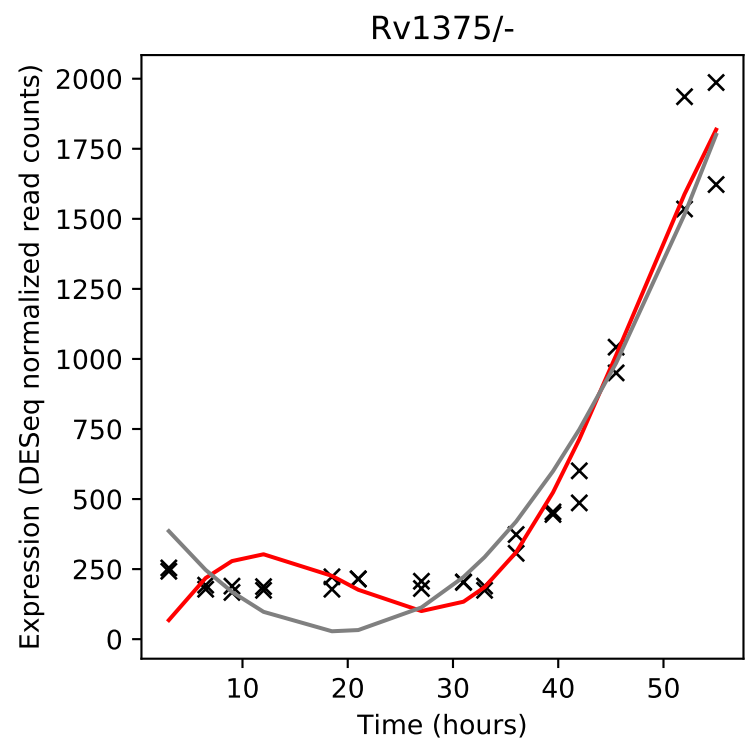

Rv1370c/-
Expression (DESeq normalized read counts)
Time (hours)

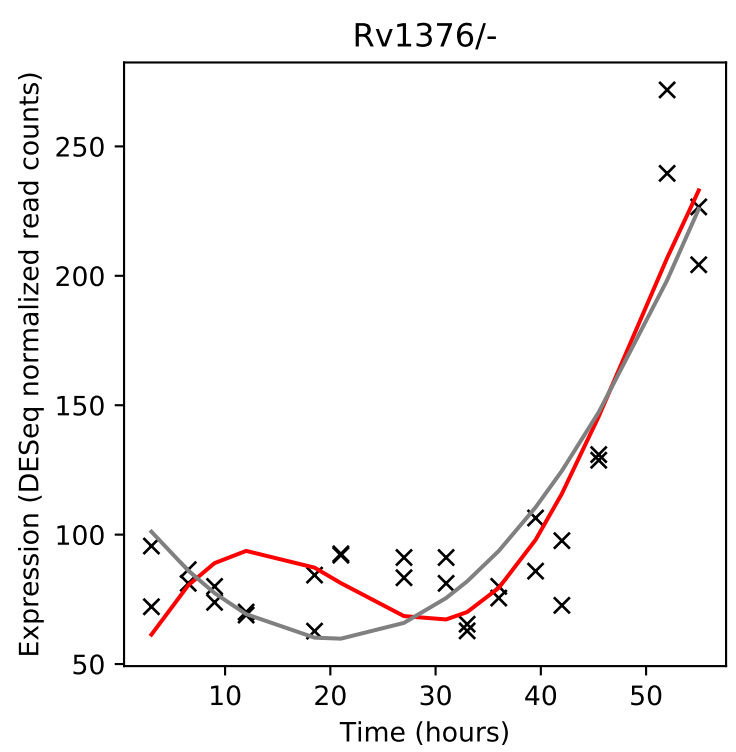

Rv1371/-
Expression (DESeq normalized read counts)
Time (hours)

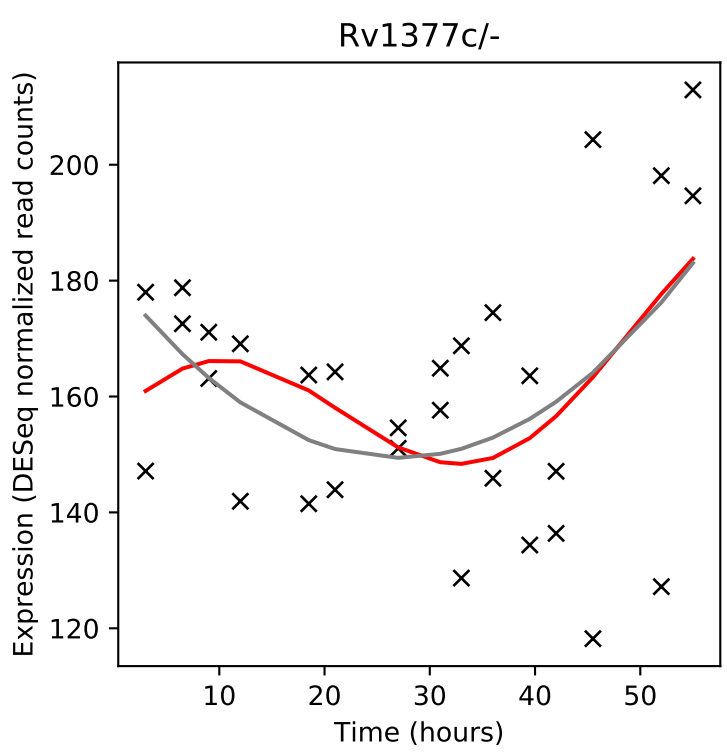

Rv1372/-
Expression (DESeq normalized read counts)
Time (hours)

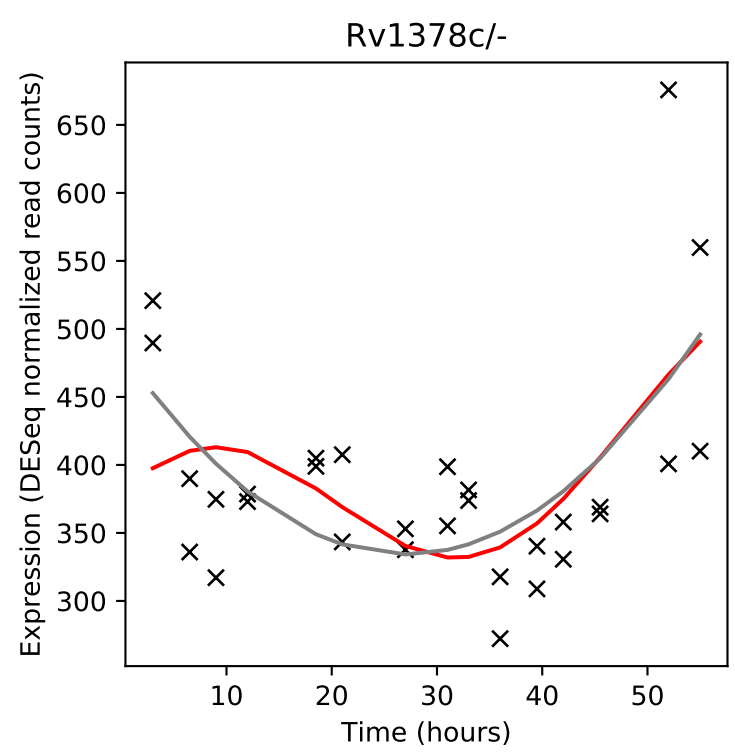

Rv1373/-
Expression (DESeq normalized read counts)
Time (hours)

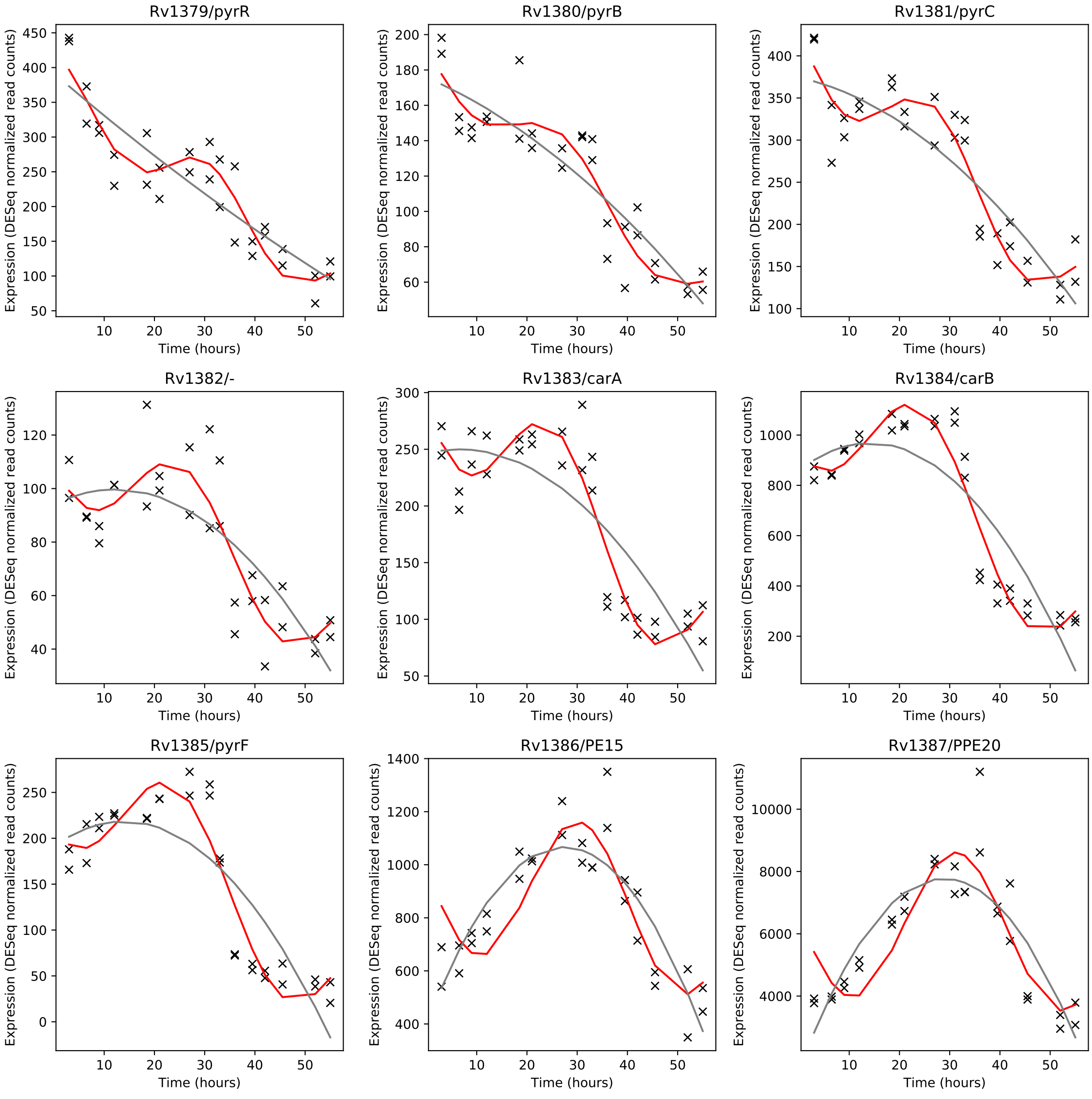

Rv1374c/-
Expression (DESeq normalized read counts)
Time (hours)

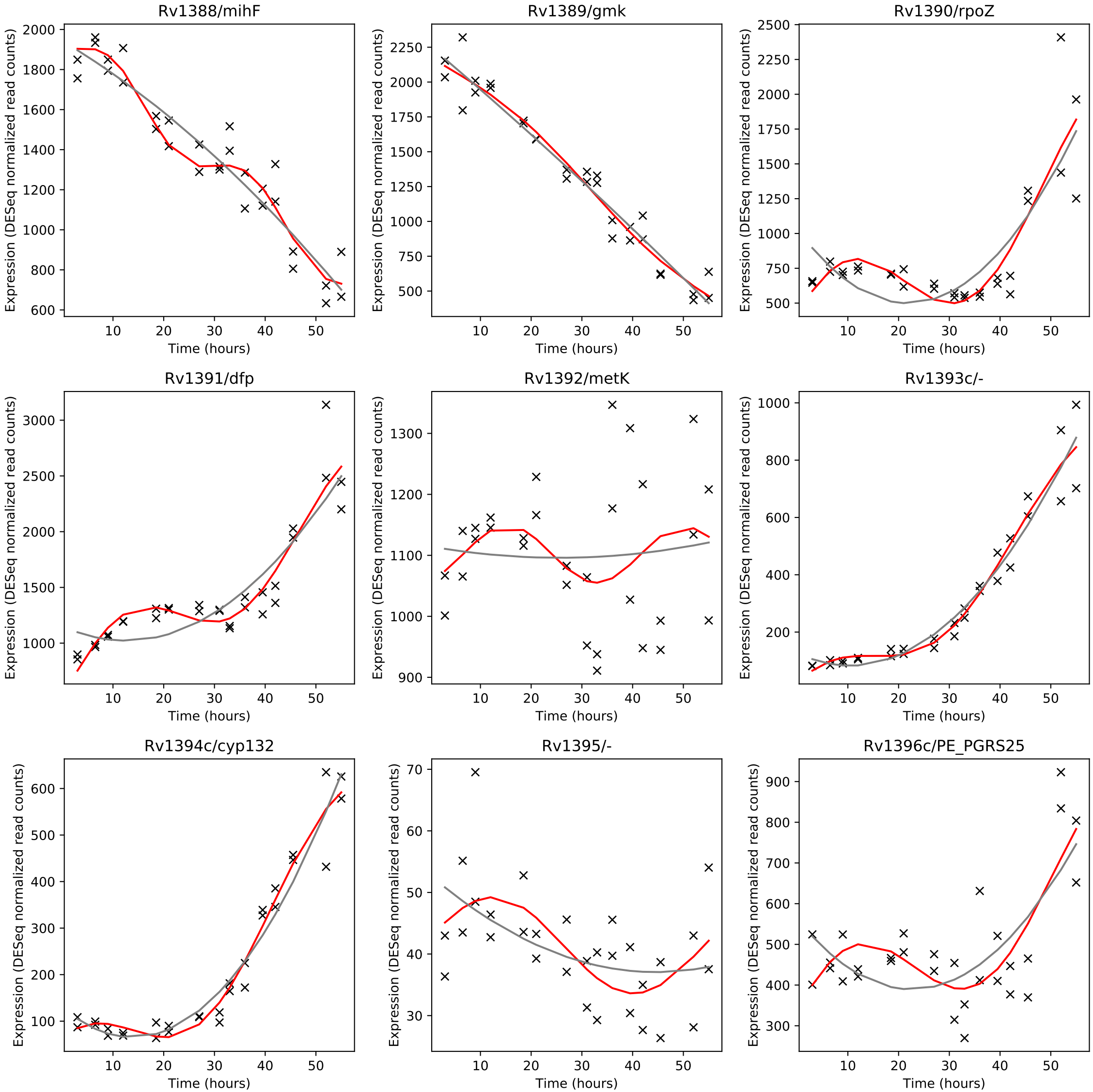

Rv1375/-
Expression (DESeq normalized read counts)
Time (hours)

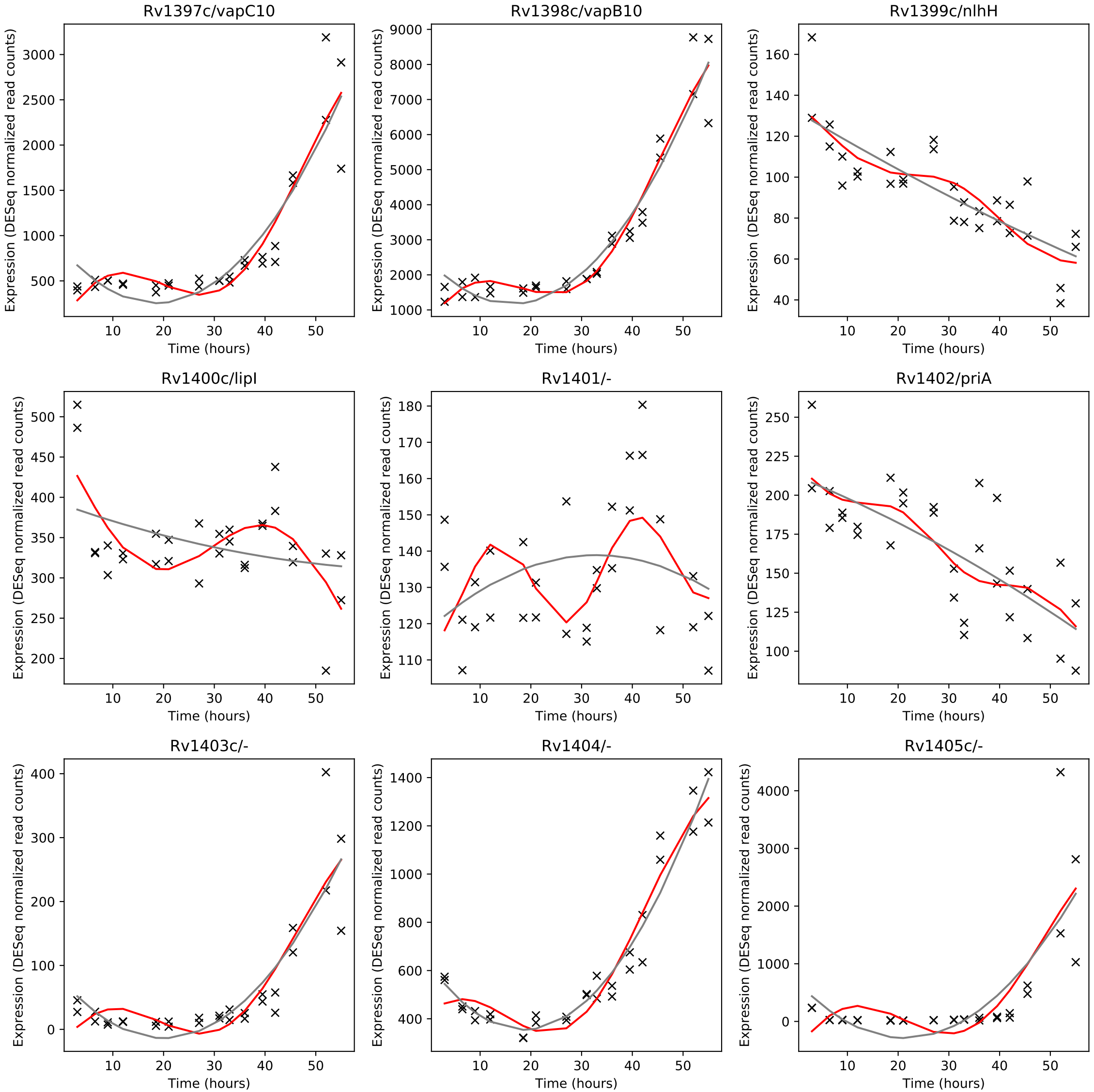

Rv1376/-
Expression (DESeq normalized read counts)
Time (hours)

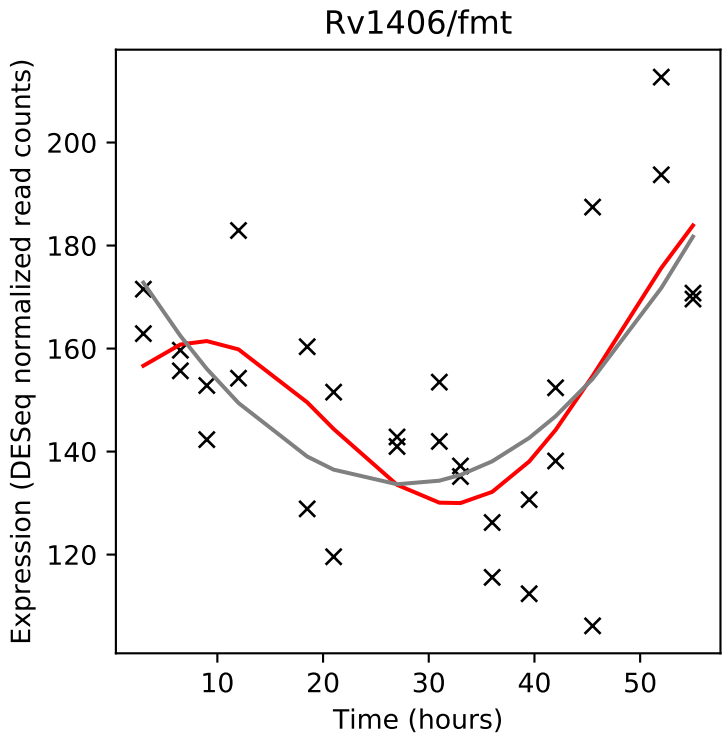

Rv1377c/-
Expression (DESeq normalized read counts)
Time (hours)

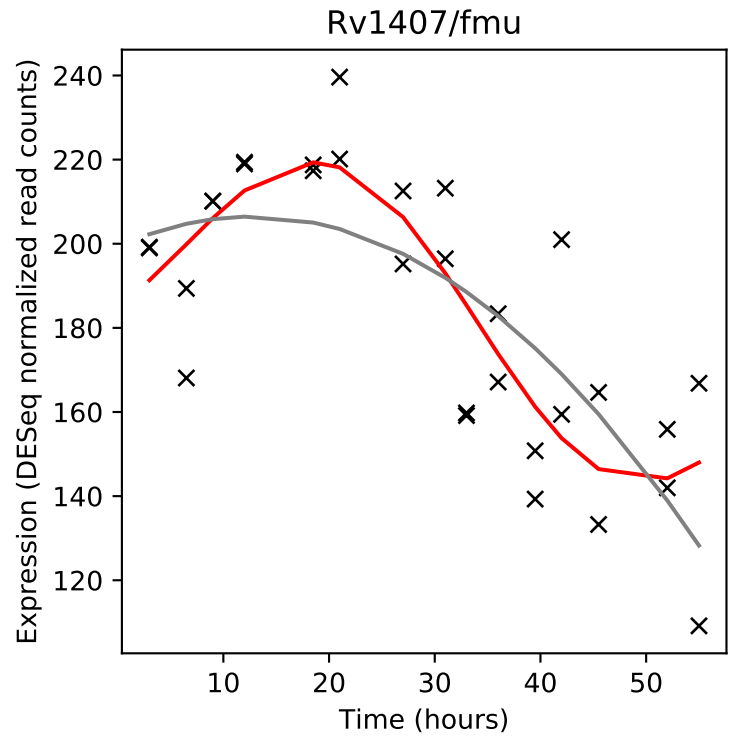

Rv1378c/-
Expression (DESeq normalized read counts)
Time (hours)

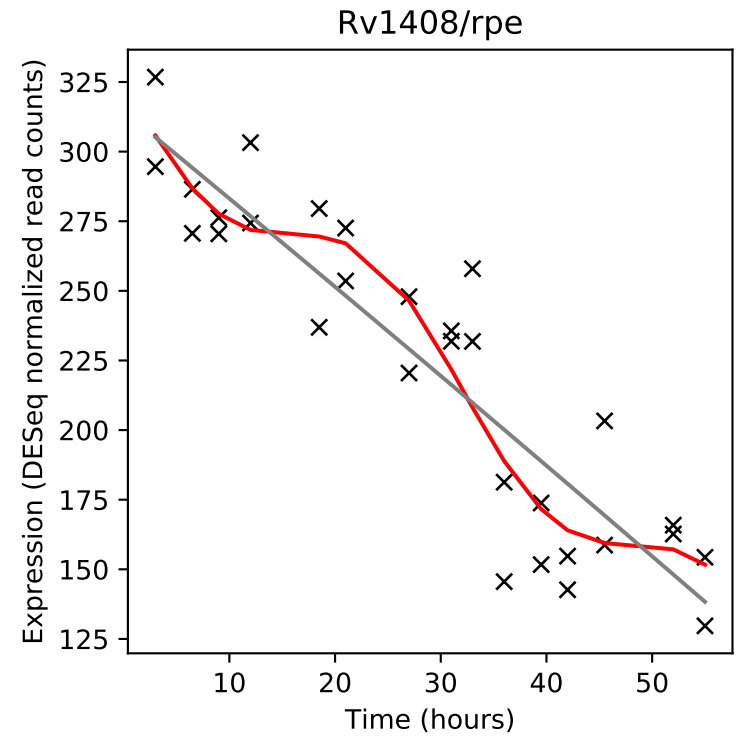

Rv1379/pyrR
Rv1380/pyrB
Rv1381/pyrC
Rv1382/-
Rv1383/carA
Rv1384/carB
Rv1385/pyrF
Rv1386/PE15
Rv1387/PPE20
Expression (DESeq normalized read counts)
Time (hours)

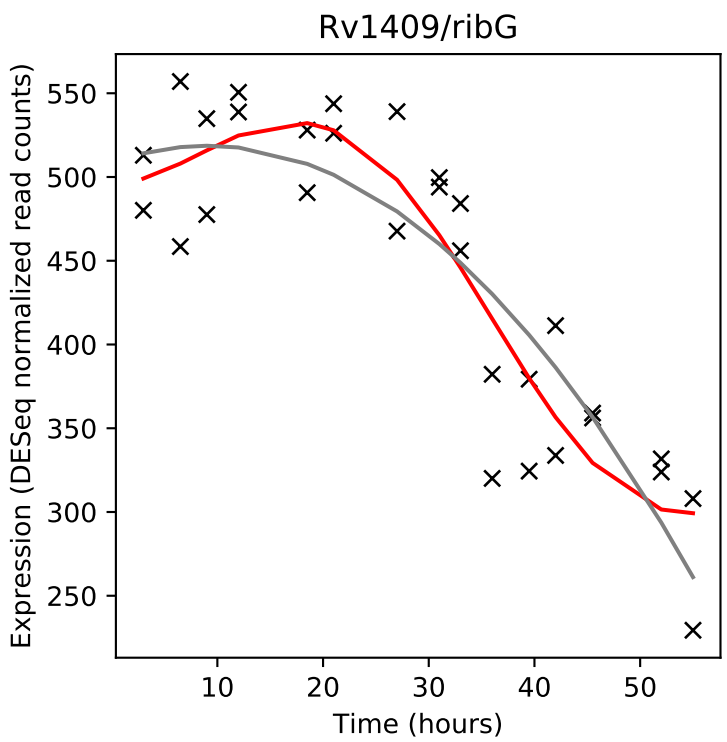

Rv1388/mihF
Rv1389/gmk
Rv1390/rpoZ
Rv1391/dfp
Rv1392/metK
Rv1393c/-
Rv1394c/cyp132
Rv1395/-
Rv1396c/PE_PGRS25
Expression (DESeq normalized read counts)
Time (hours)

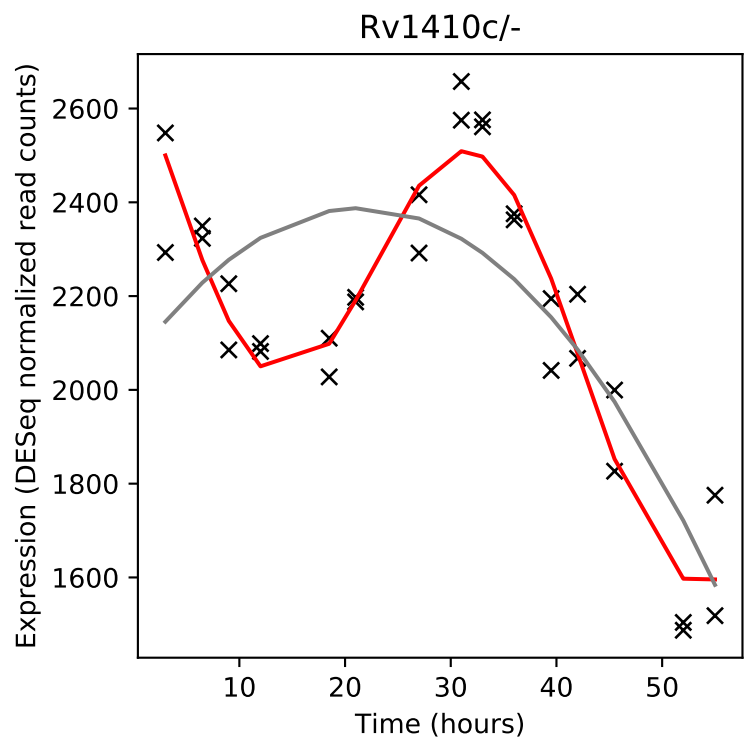

Rv1397c/vapC10
Rv1398c/vapB10
Rv1399c/nlhH
Rv1400c/lipI
Rv1401/-
Rv1402/priA
Rv1403c/-
Rv1404/-
Rv1405c/-
Expression (DESeq normalized read counts)
Time (hours)

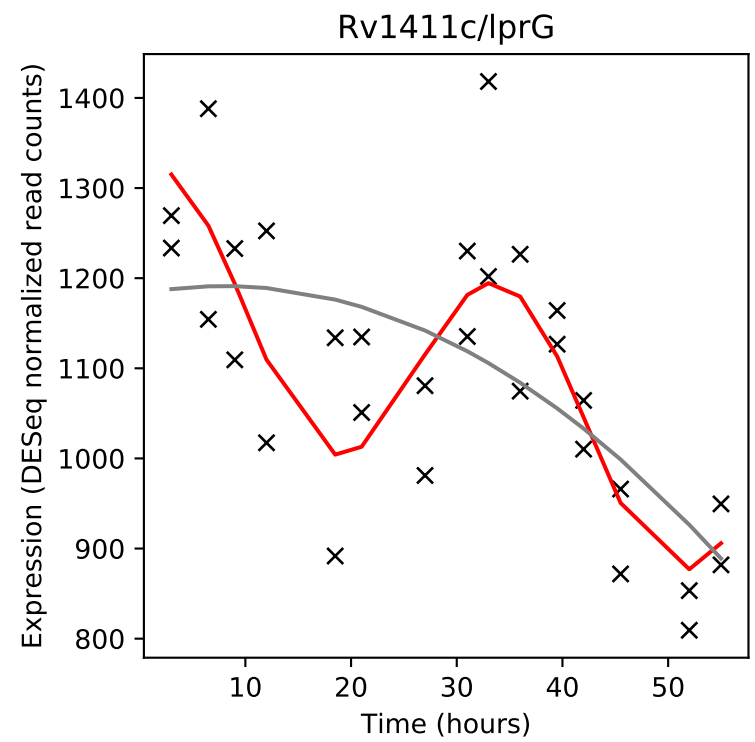

Rv1406/fmt
Expression (DESeq normalized read counts)
Time (hours)

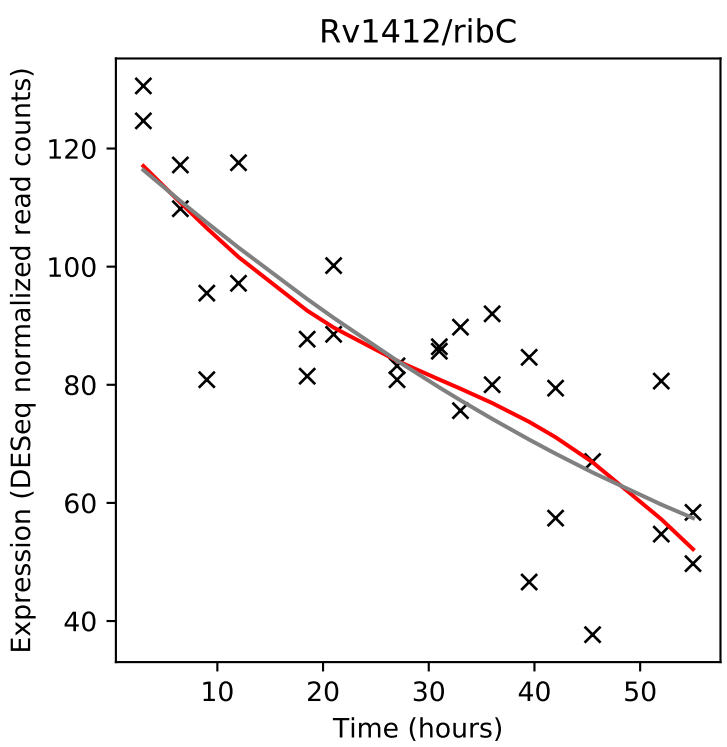

Rv1407/fmu
Expression (DESeq normalized read counts)
Time (hours)

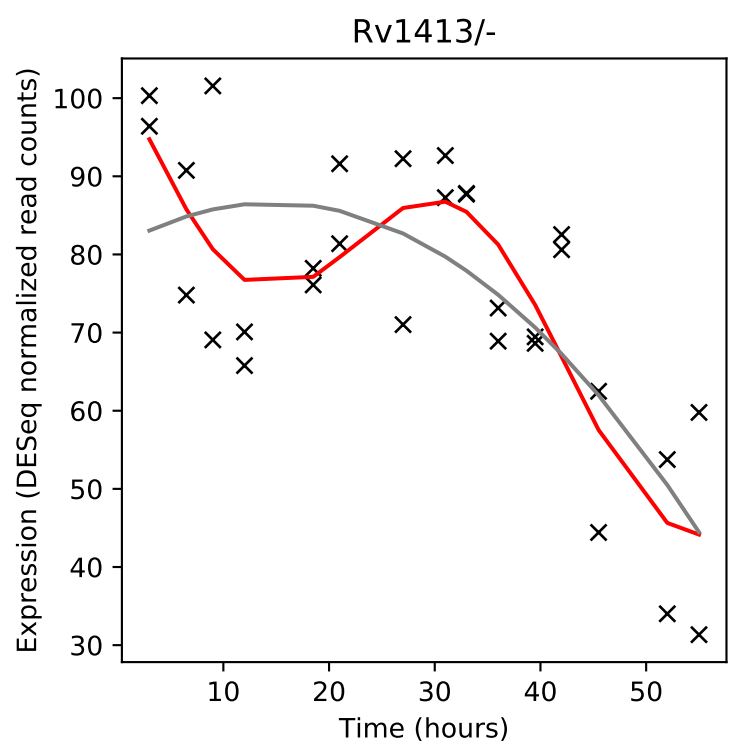

Rv1408/rpe
Expression (DESeq normalized read counts)
Time (hours)

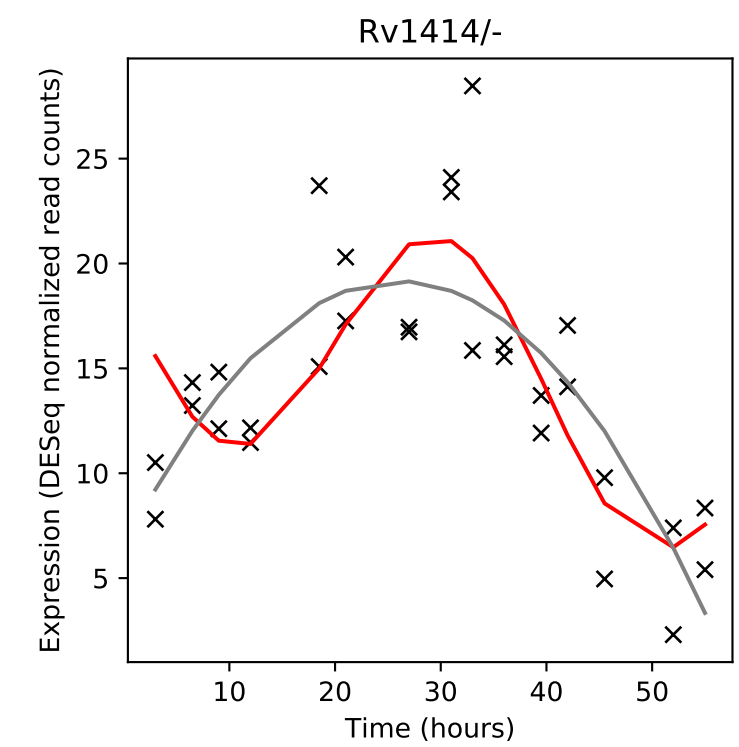

Rv1409/ribG
Expression (DESeq normalized read counts)
Time (hours)

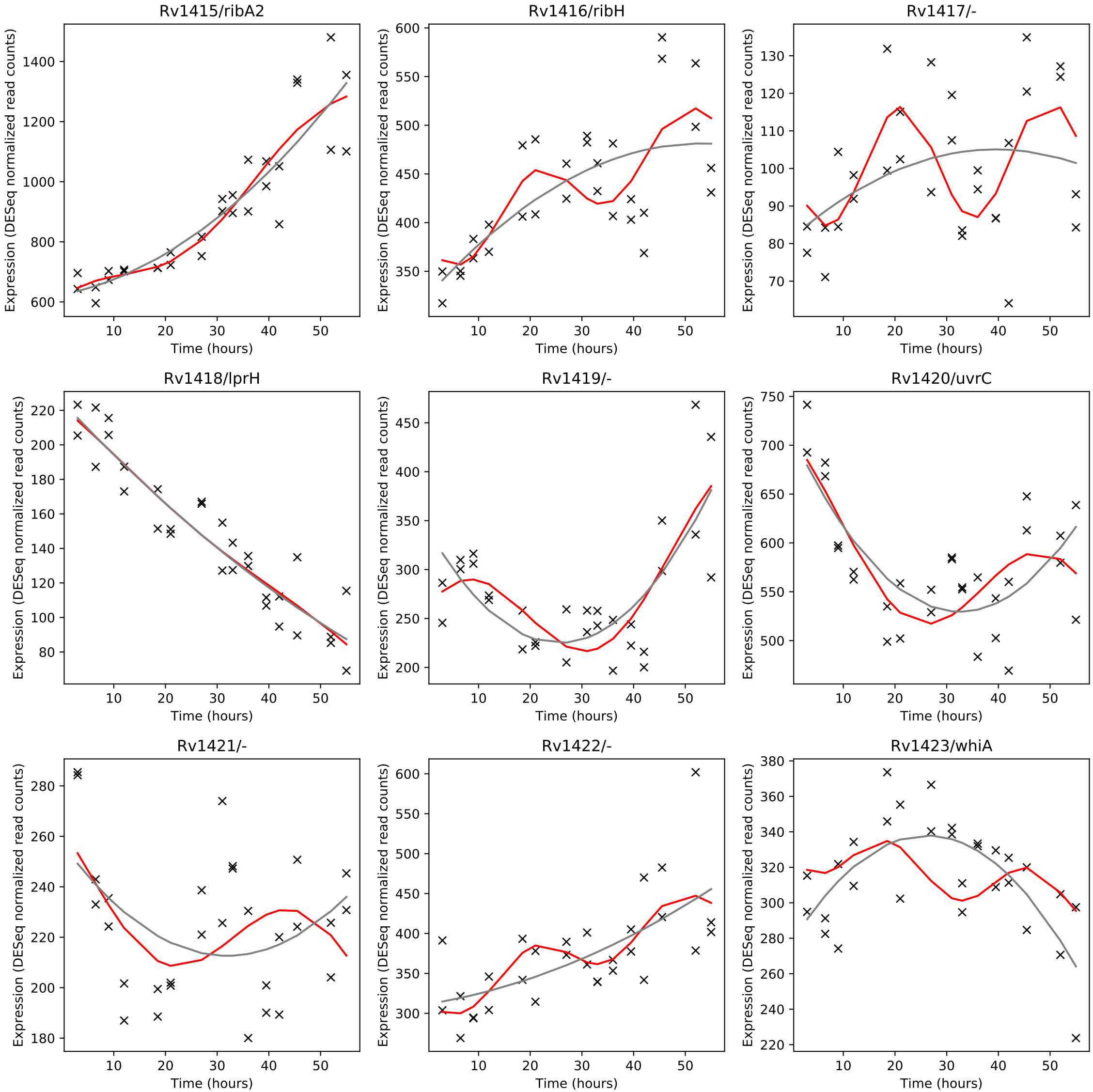

Rv1410c/-
Expression (DESeq normalized read counts)
Time (hours)

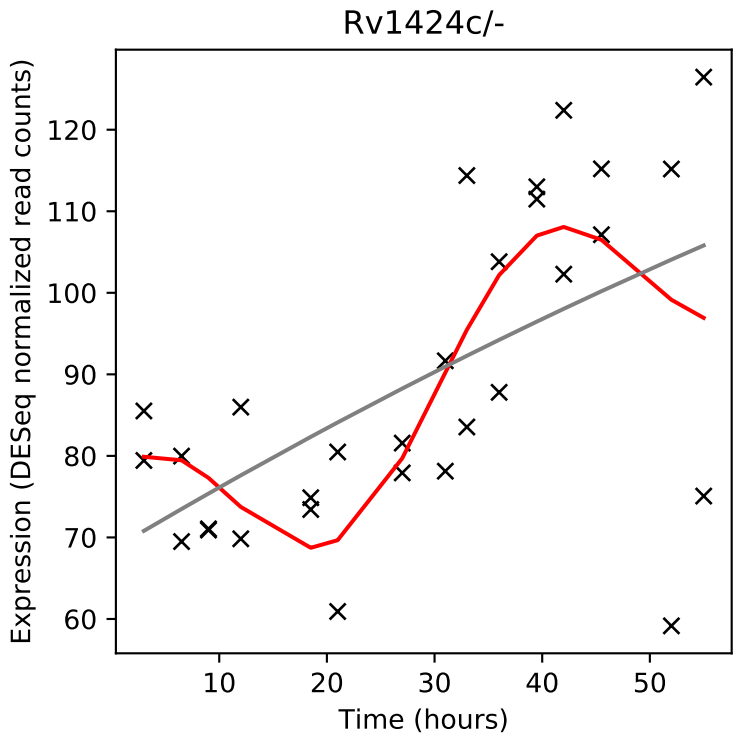

Rv1411c/lprG
Expression (DESeq normalized read counts)
Time (hours)

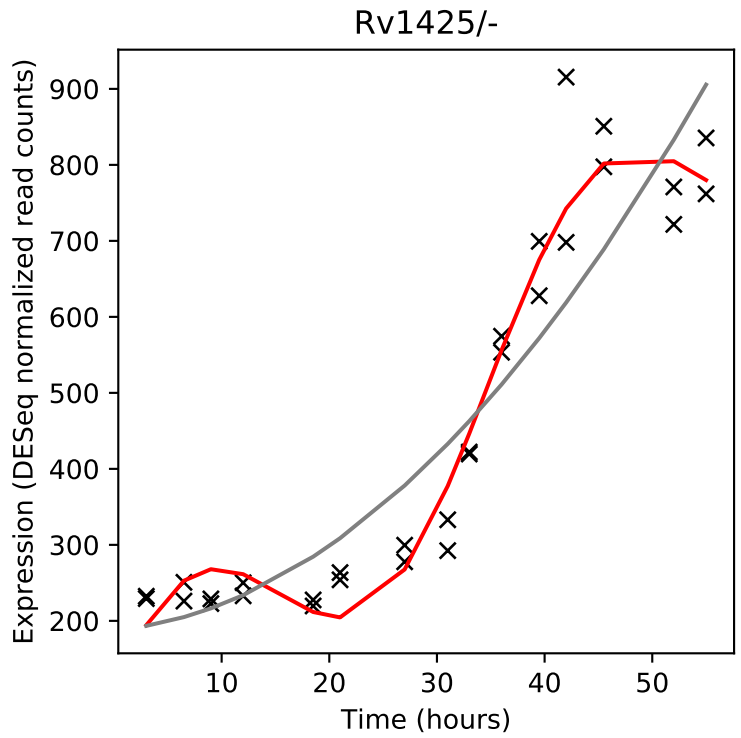

Rv1412/ribC
Expression (DESeq normalized read counts)
Time (hours)

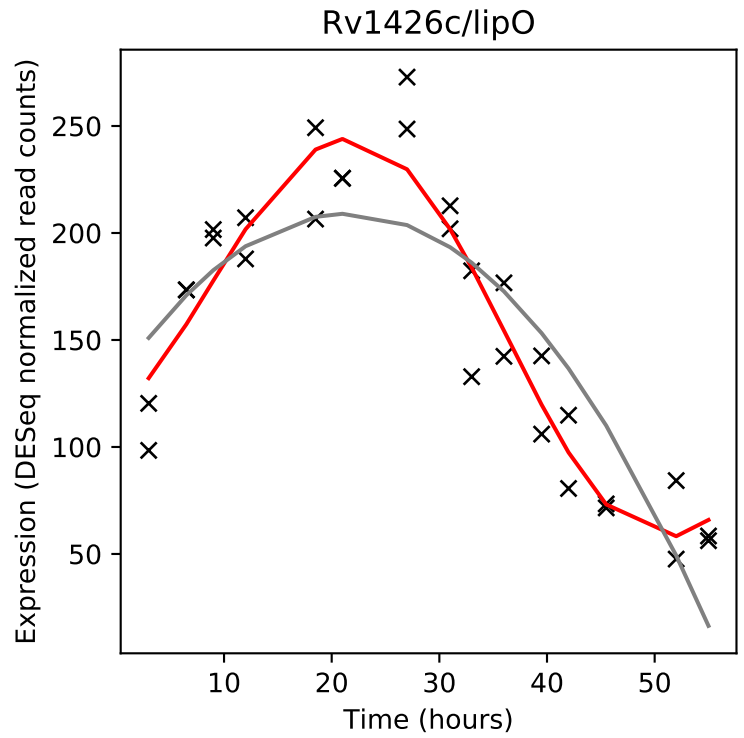

Rv1413/-
Expression (DESeq normalized read counts)
Time (hours)

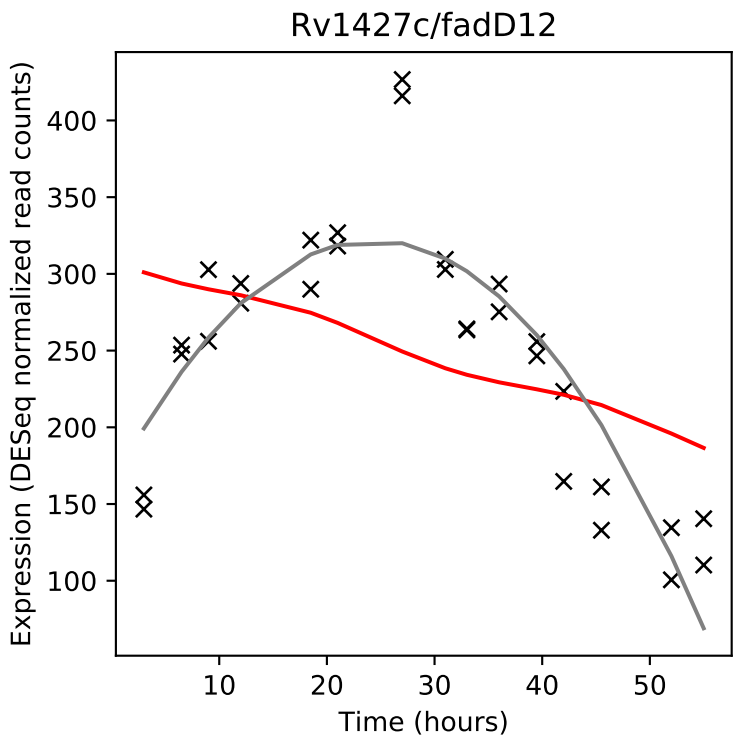

Rv1414/-
Expression (DESeq normalized read counts)
Time (hours)

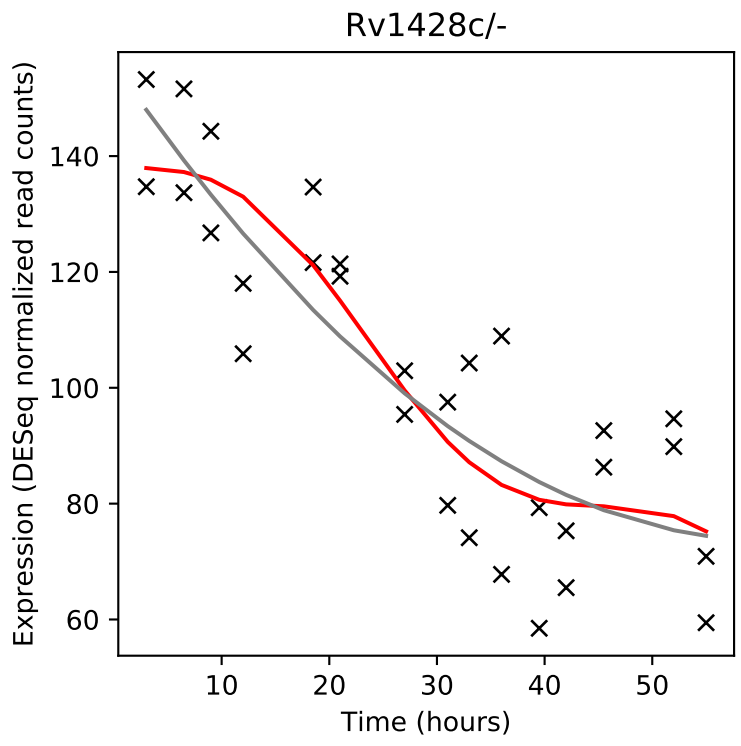

Rv1415/ribA2
Rv1416/ribH
Rv1417/-
Rv1418/lprH
Rv1419/-
Rv1420/uvrC
Rv1421/-
Rv1422/-
Rv1423/whiA
Expression (DESeq normalized read counts)
Time (hours)

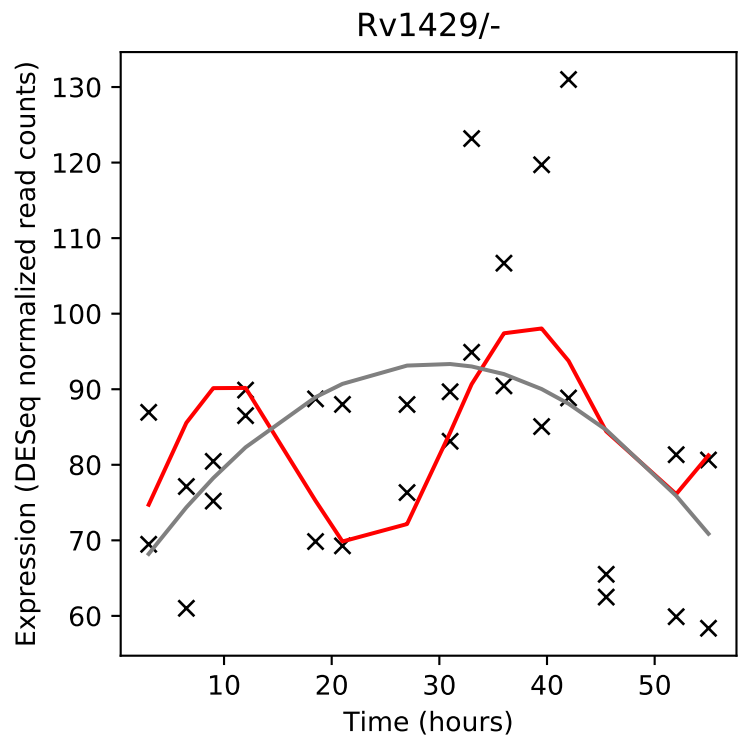

Rv1424c/-
Expression (DESeq normalized read counts)
Time (hours)

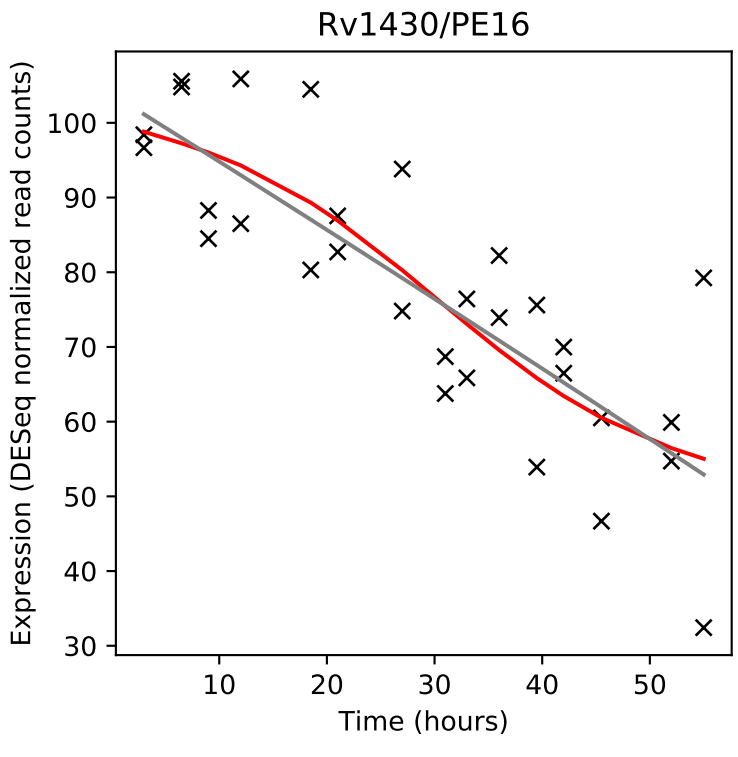

Rv1425/-
Expression (DESeq normalized read counts)
Time (hours)

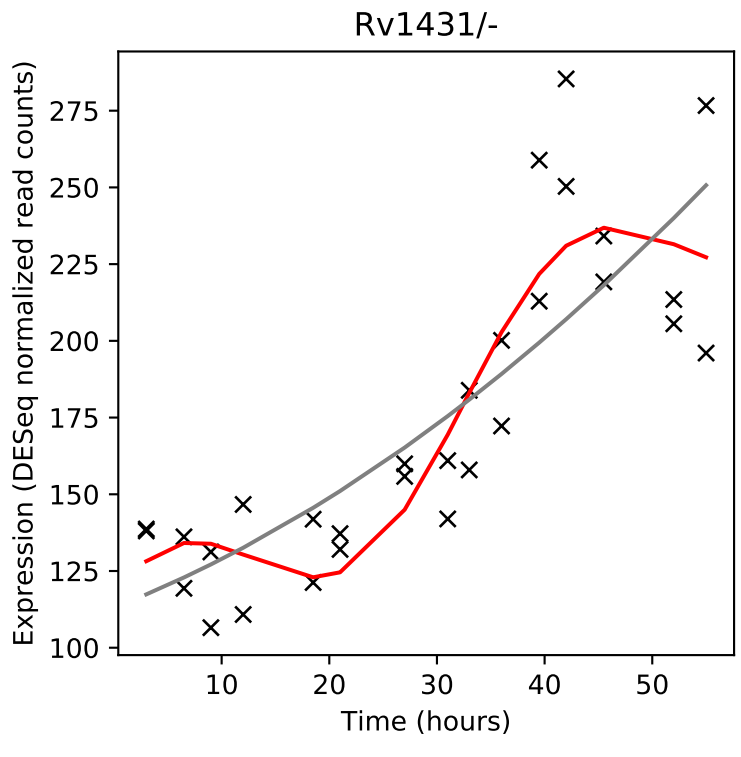

Rv1426c/lipO
Expression (DESeq normalized read counts)
Time (hours)

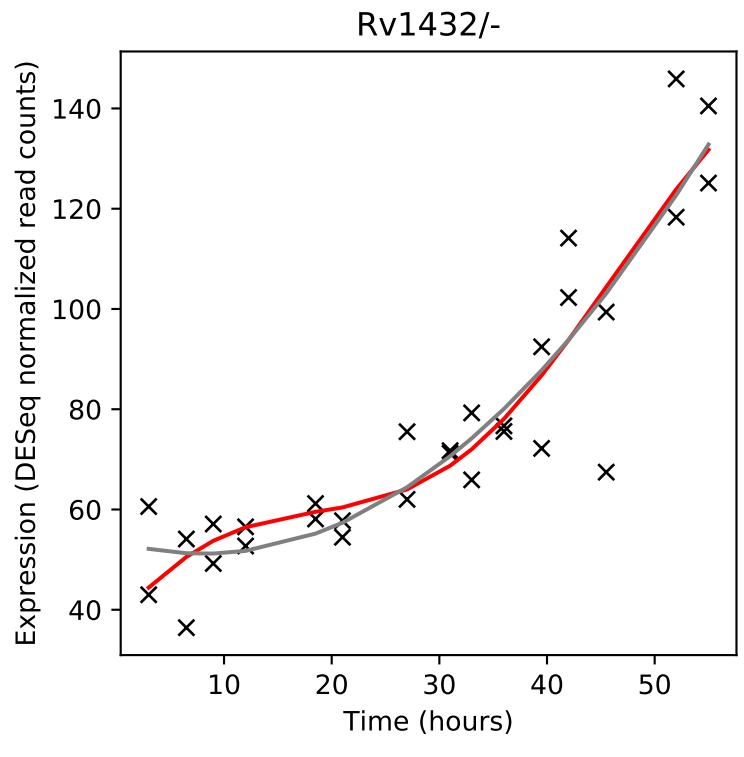

Rv1427c/fadD12
Expression (DESeq normalized read counts)
Time (hours)

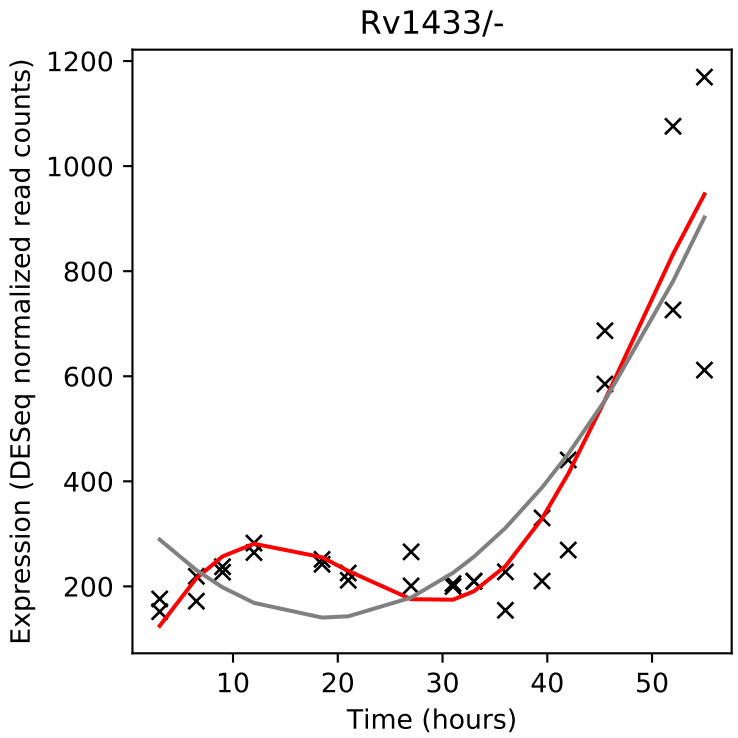

Rv1428c/-
Expression (DESeq normalized read counts)
Time (hours)

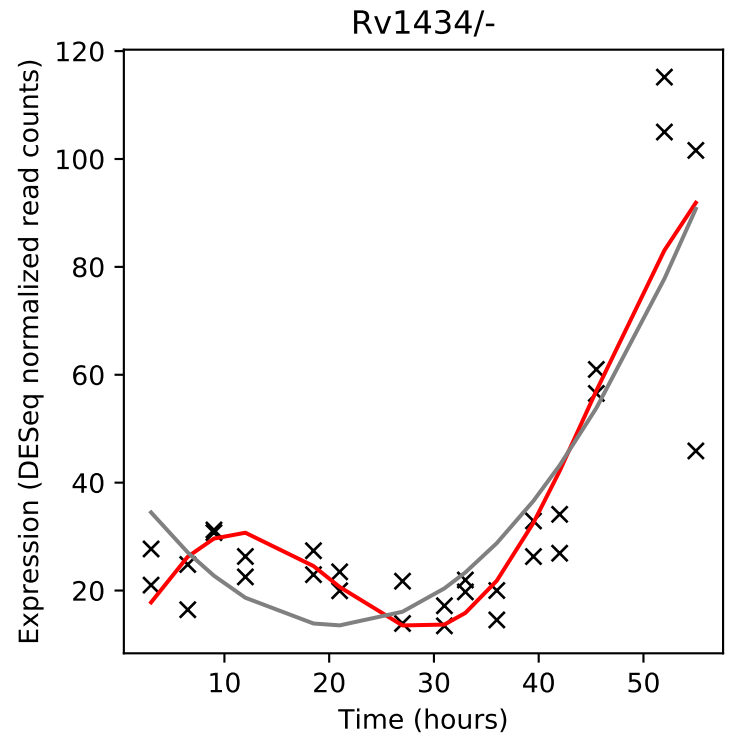

Rv1429/-
Expression (DESeq normalized read counts)
Time (hours)

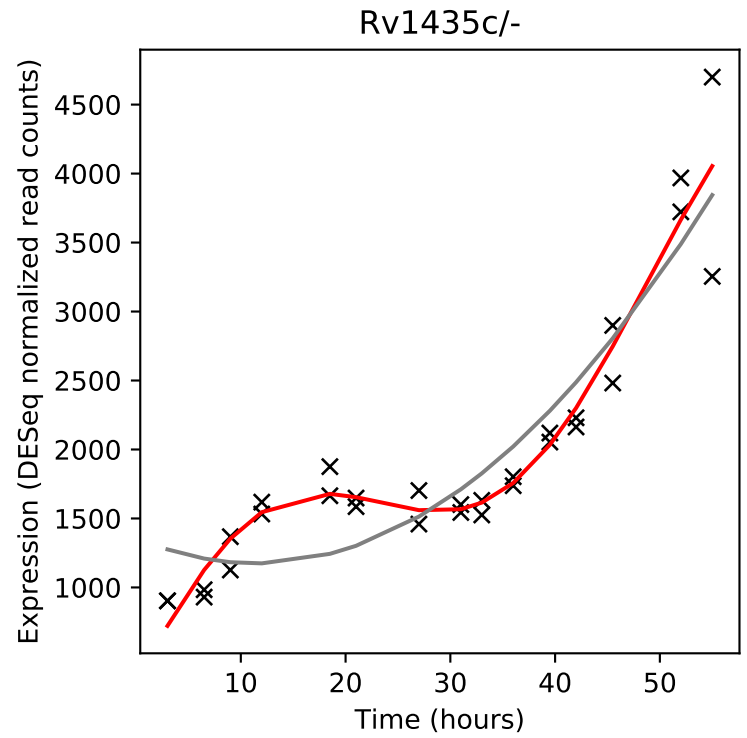

Rv1430/PE16
Expression (DESeq normalized read counts)
Time (hours)

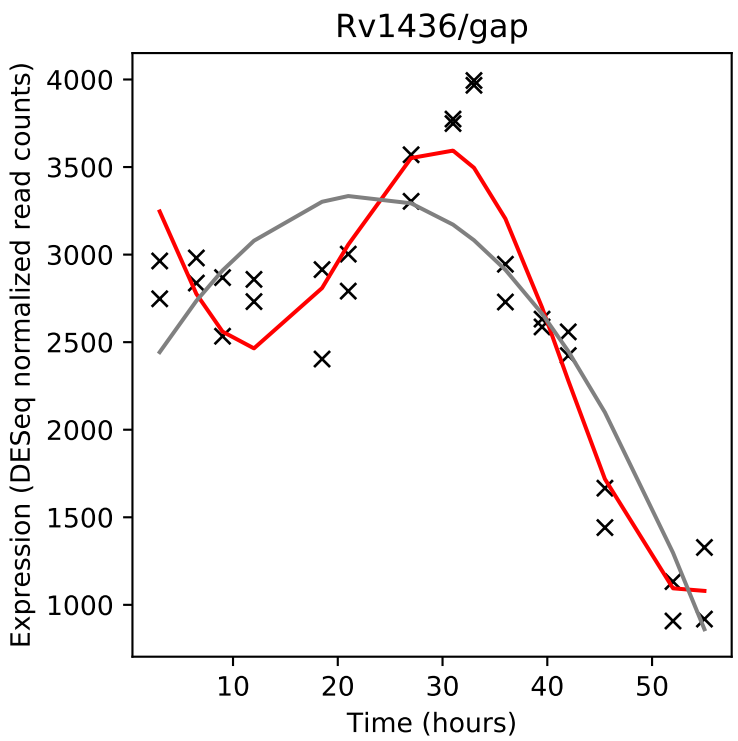

Rv1431/-
Expression (DESeq normalized read counts)
Time (hours)

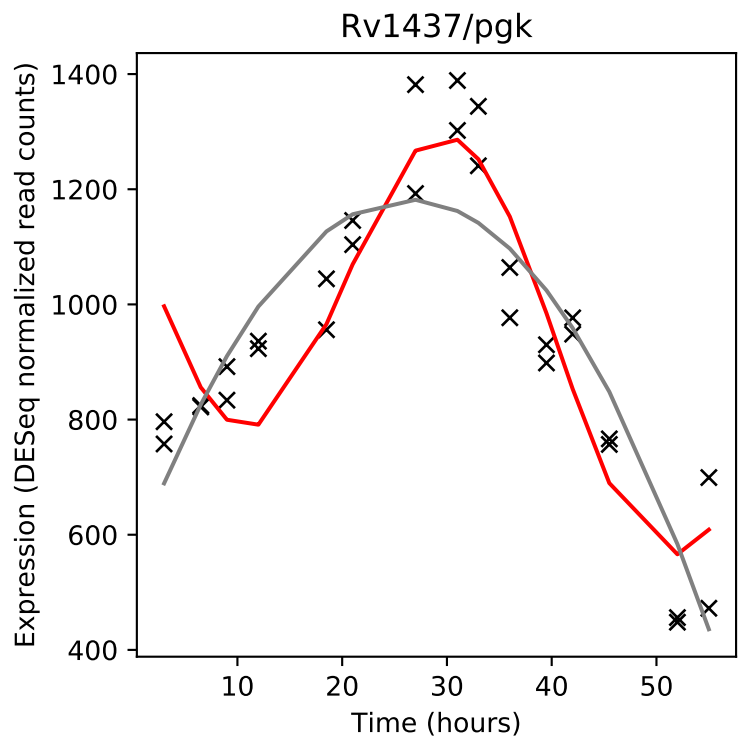

Rv1432/-
Expression (DESeq normalized read counts)
Time (hours)

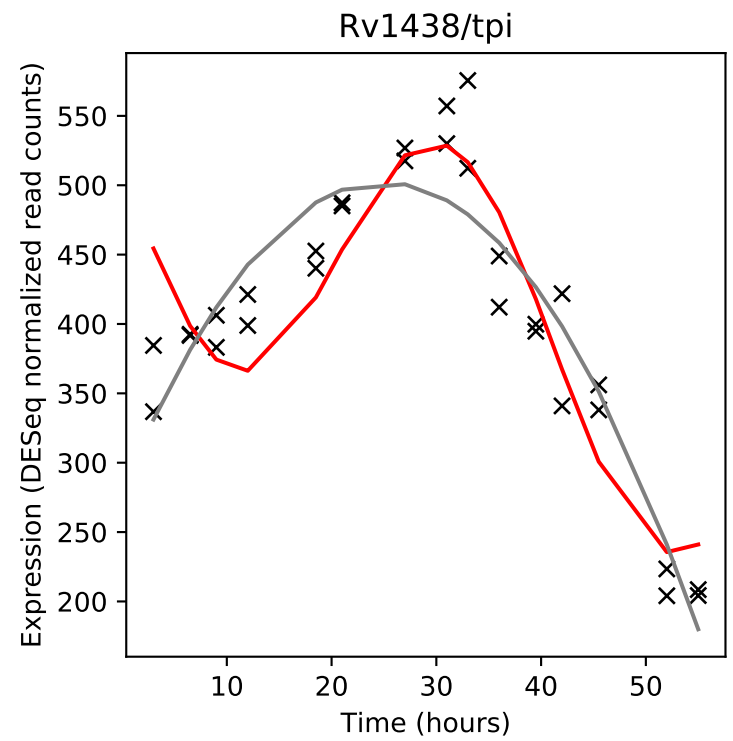

Rv1433/-
Expression (DESeq normalized read counts)
Time (hours)

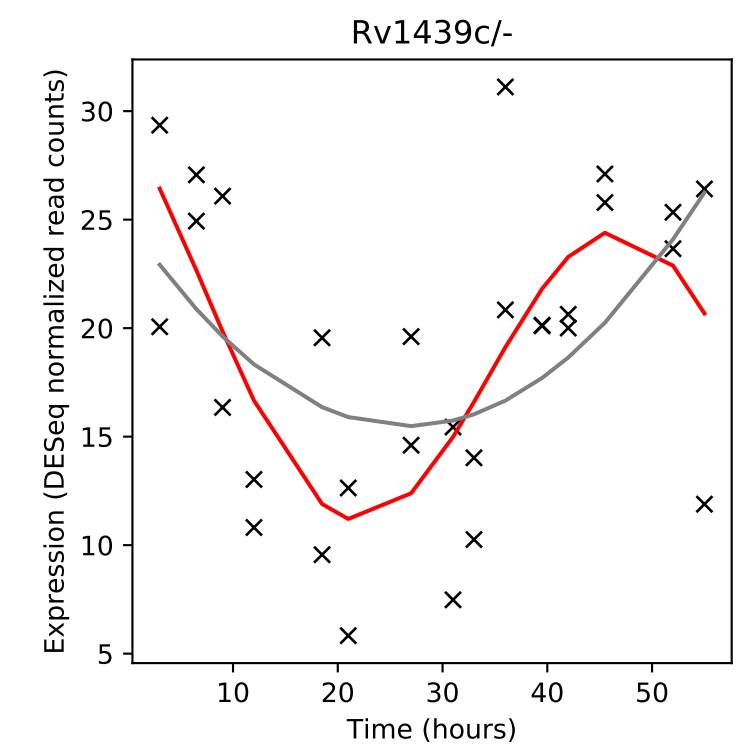

Rv1434/-
Expression (DESeq normalized read counts)
Time (hours)

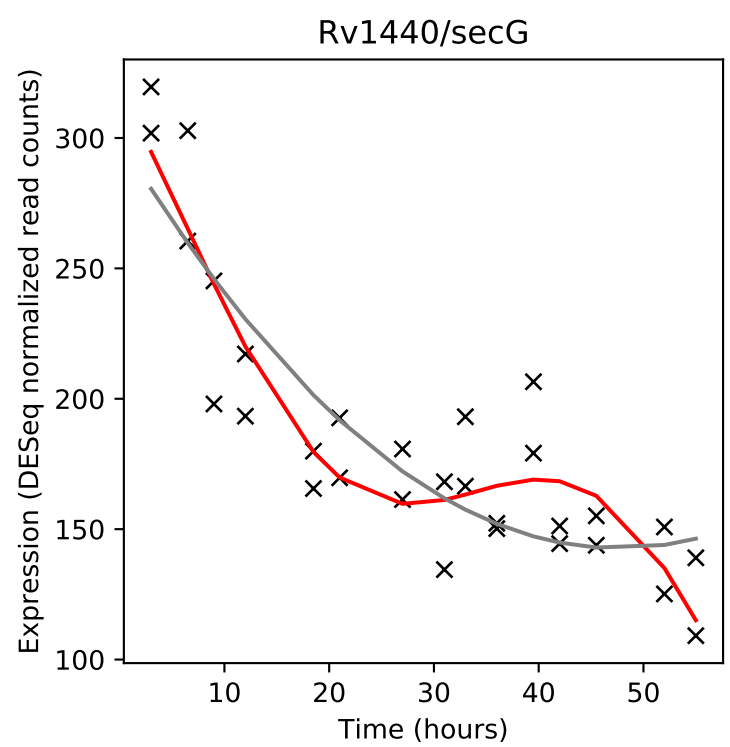

Rv1435c/-
Expression (DESeq normalized read counts)
Time (hours)

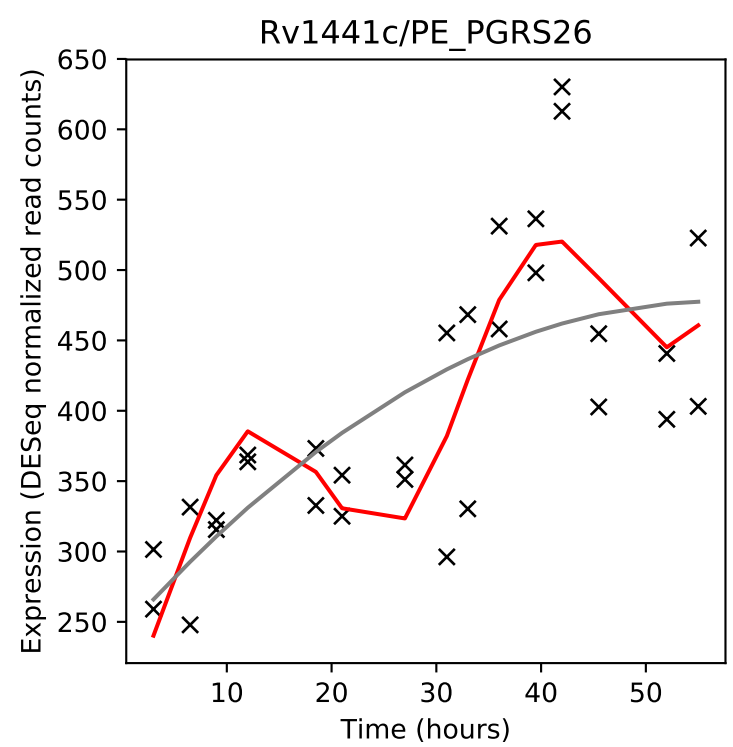

Rv1436/gap
Expression (DESeq normalized read counts)
Time (hours)

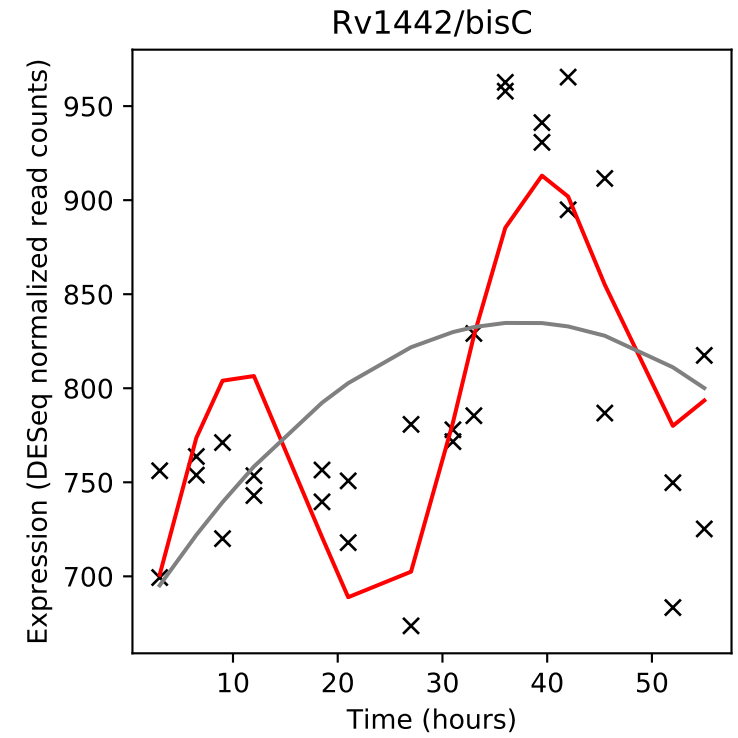

Rv1437/pgk
Expression (DESeq normalized read counts)
Time (hours)

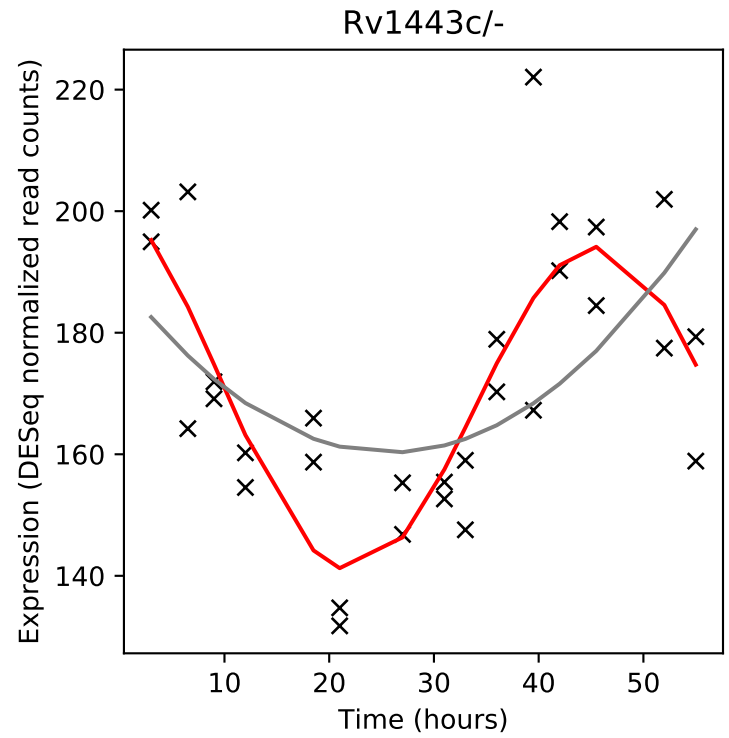

Rv1438/tpi
Expression (DESeq normalized read counts)
Time (hours)

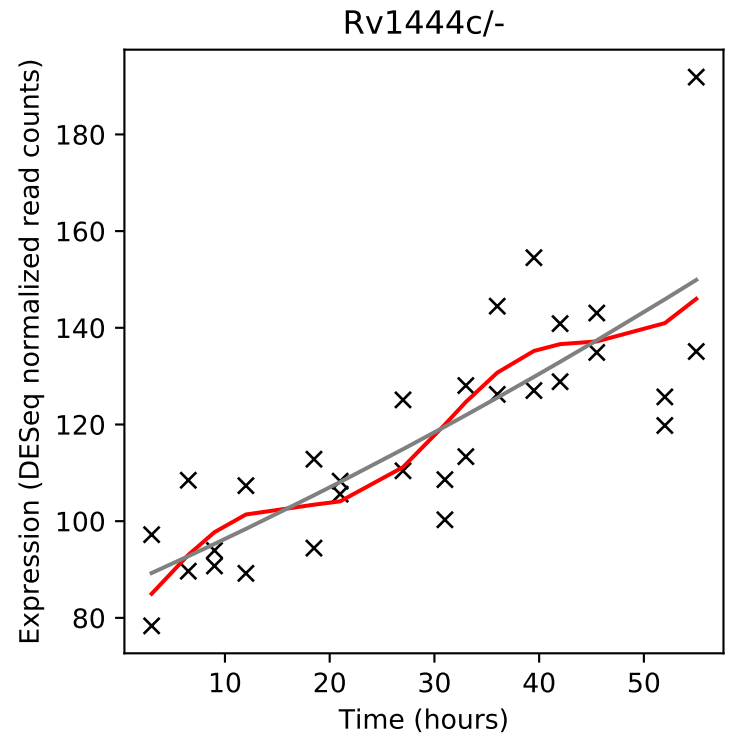

Rv1439c/-
Expression (DESeq normalized read counts)
Time (hours)

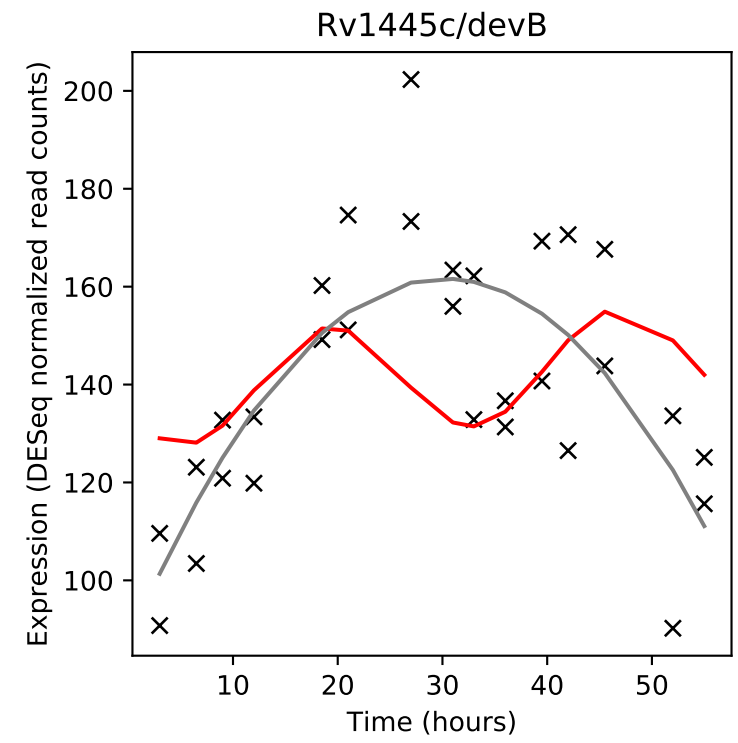

Rv1440/secG
Expression (DESeq normalized read counts)
Time (hours)

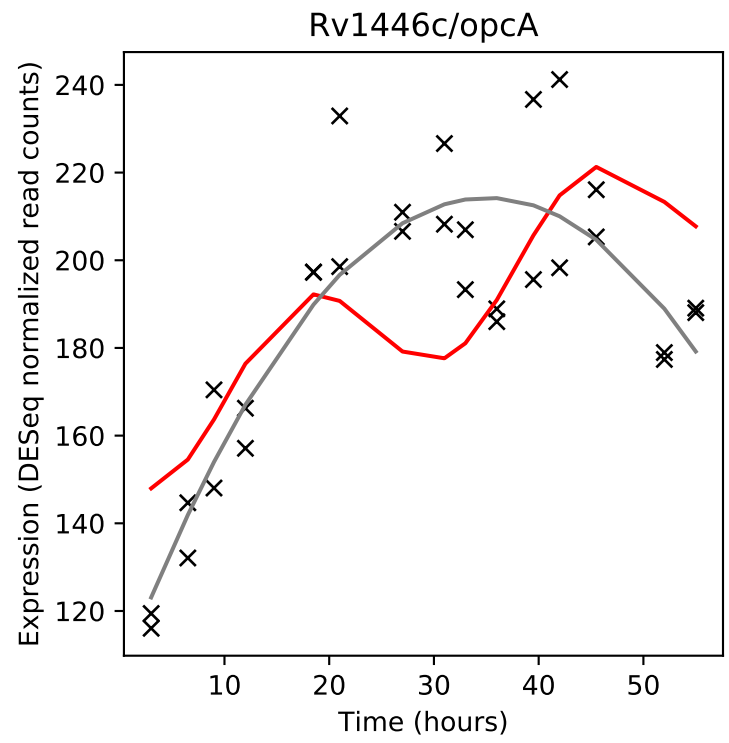

Rv1441c/PE_PGRS26
Expression (DESeq normalized read counts)
Time (hours)

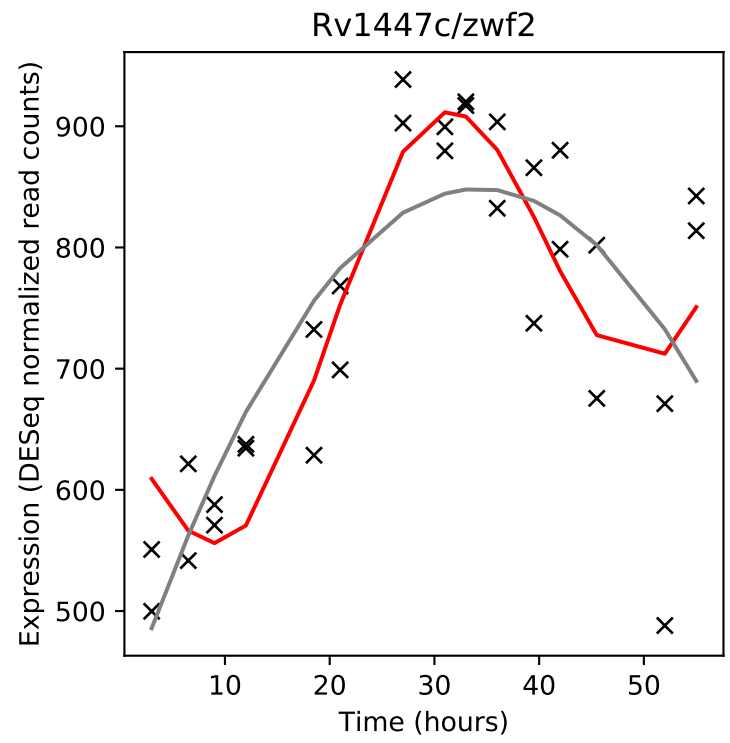

Rv1442/bisC
Expression (DESeq normalized read counts)
Time (hours)

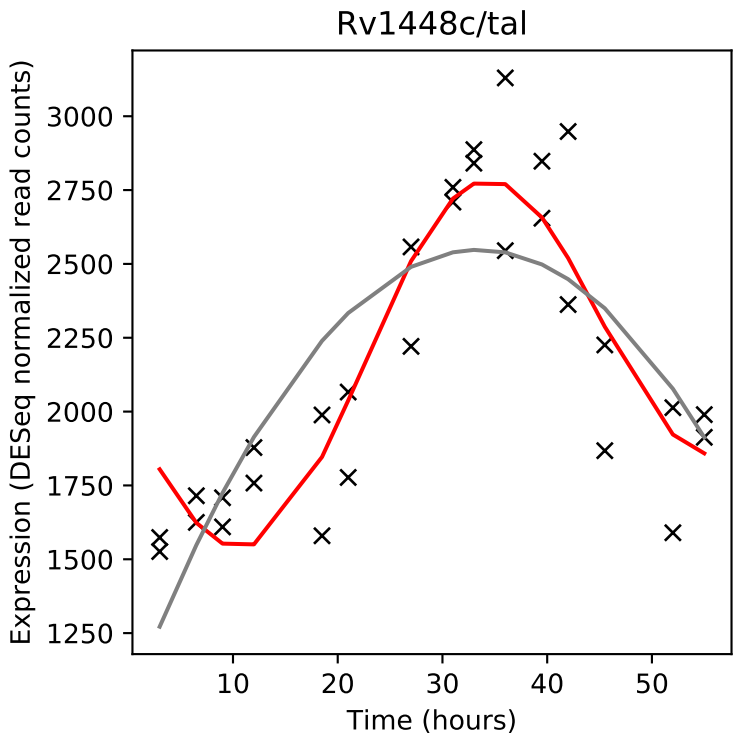

Rv1443c/-
Expression (DESeq normalized read counts)
Time (hours)

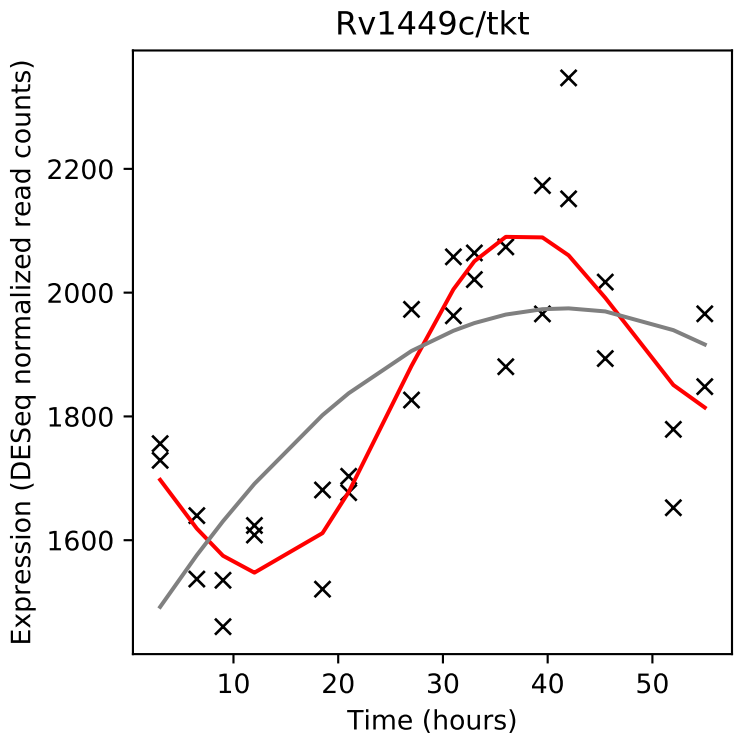

Rv1444c/-
Expression (DESeq normalized read counts)
Time (hours)

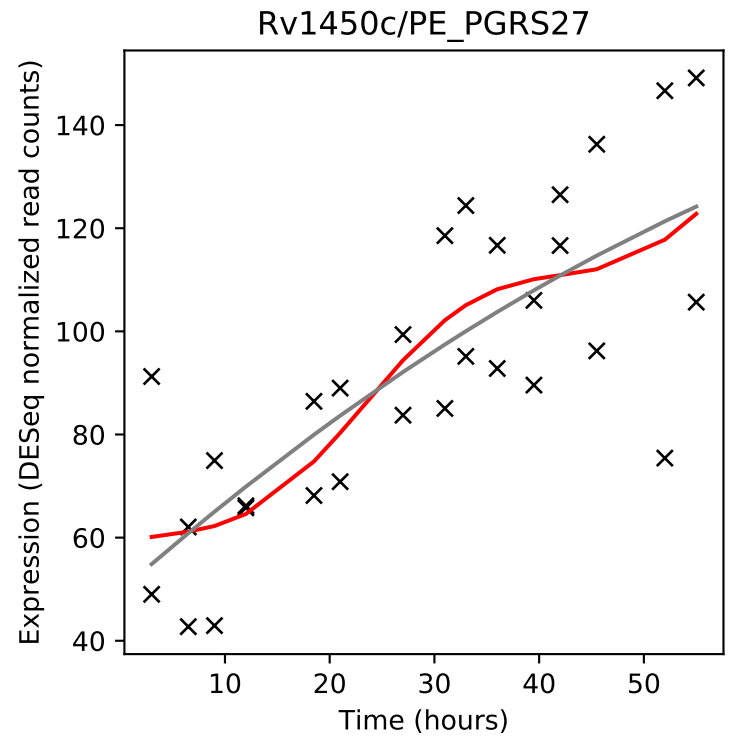

Rv1445c/devB
Expression (DESeq normalized read counts)
Time (hours)

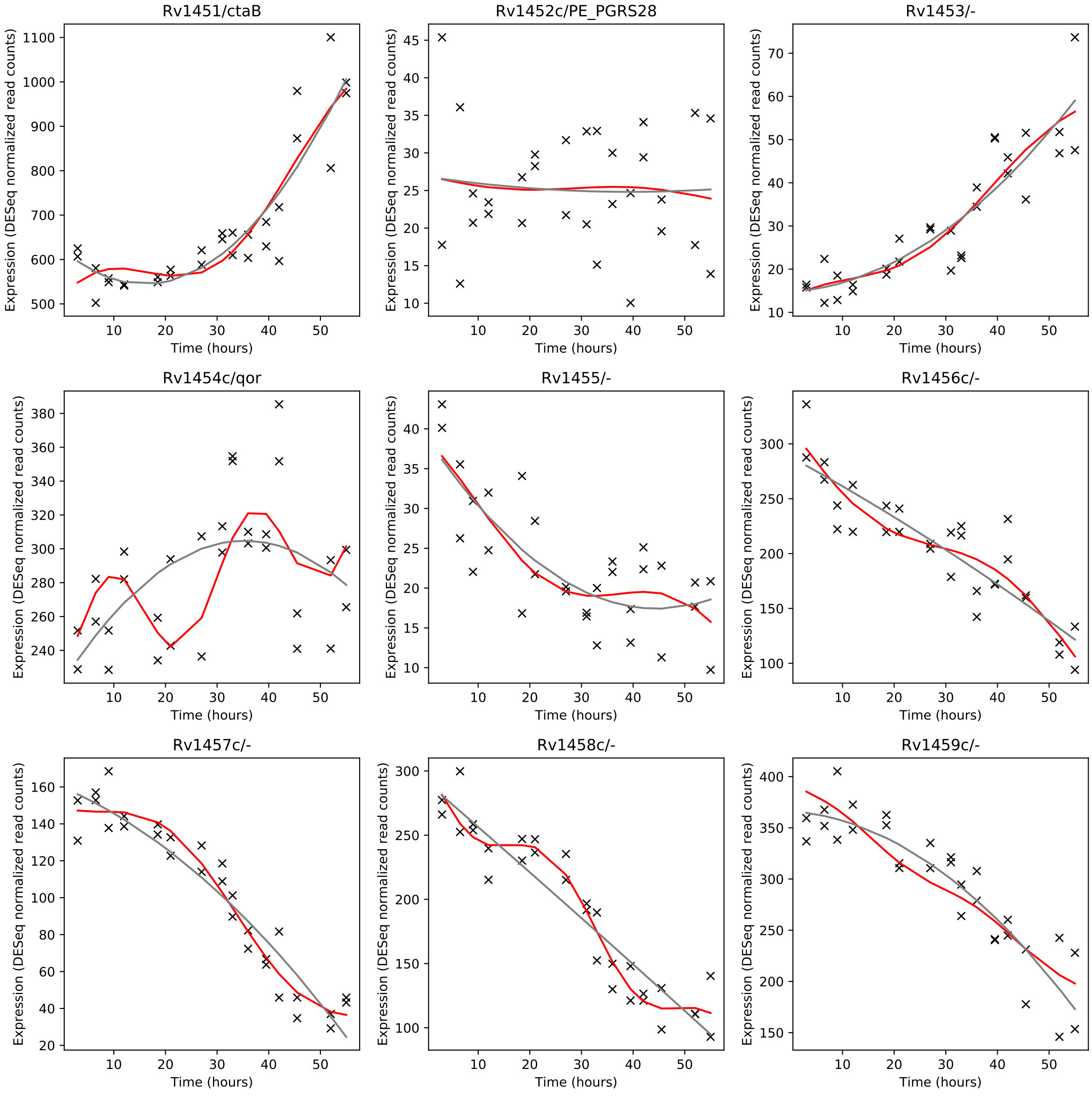

Rv1446c/opcA
Expression (DESeq normalized read counts)
Time (hours)

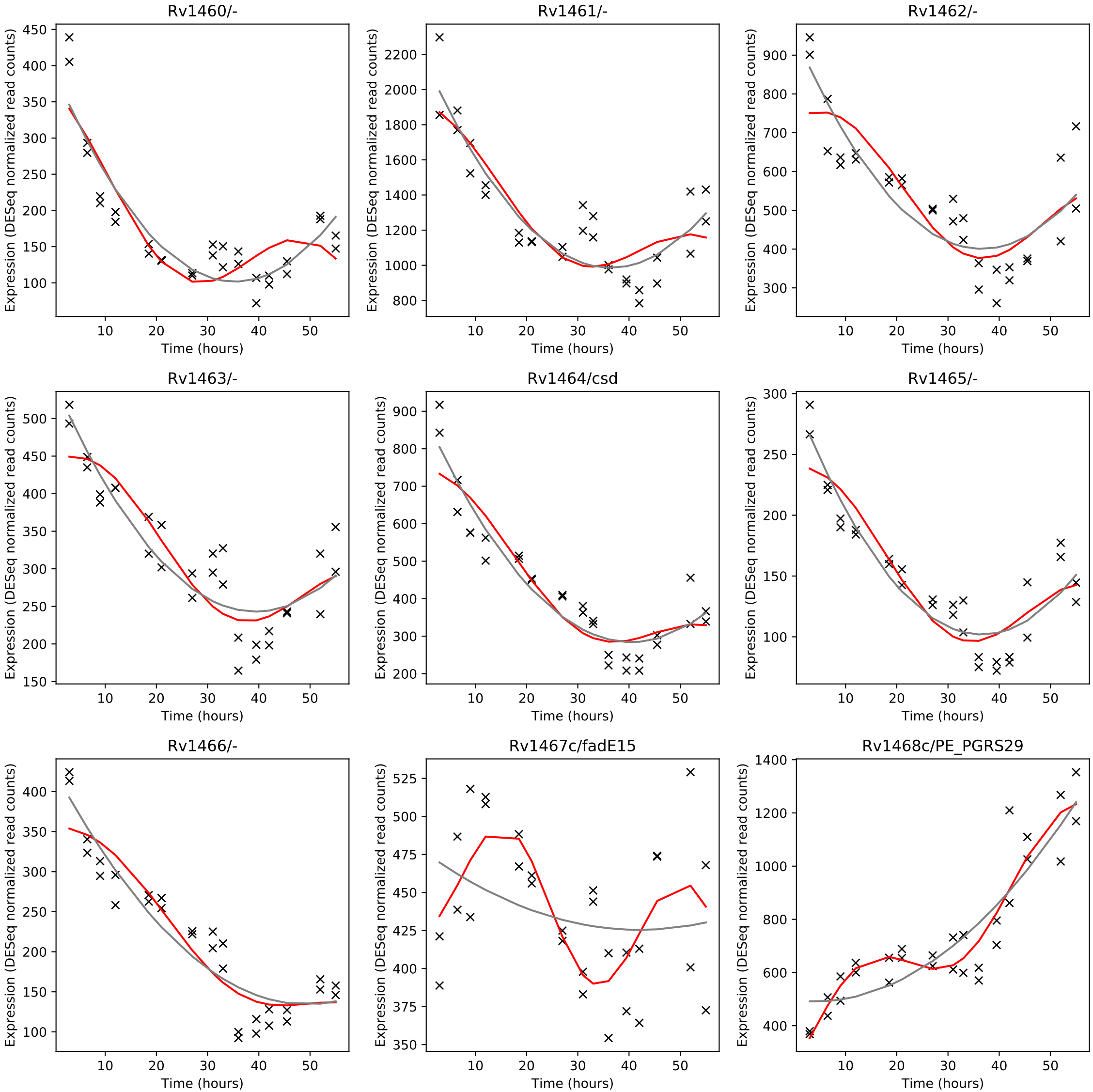

Rv1447c/zwf2
Expression (DESeq normalized read counts)
Time (hours)

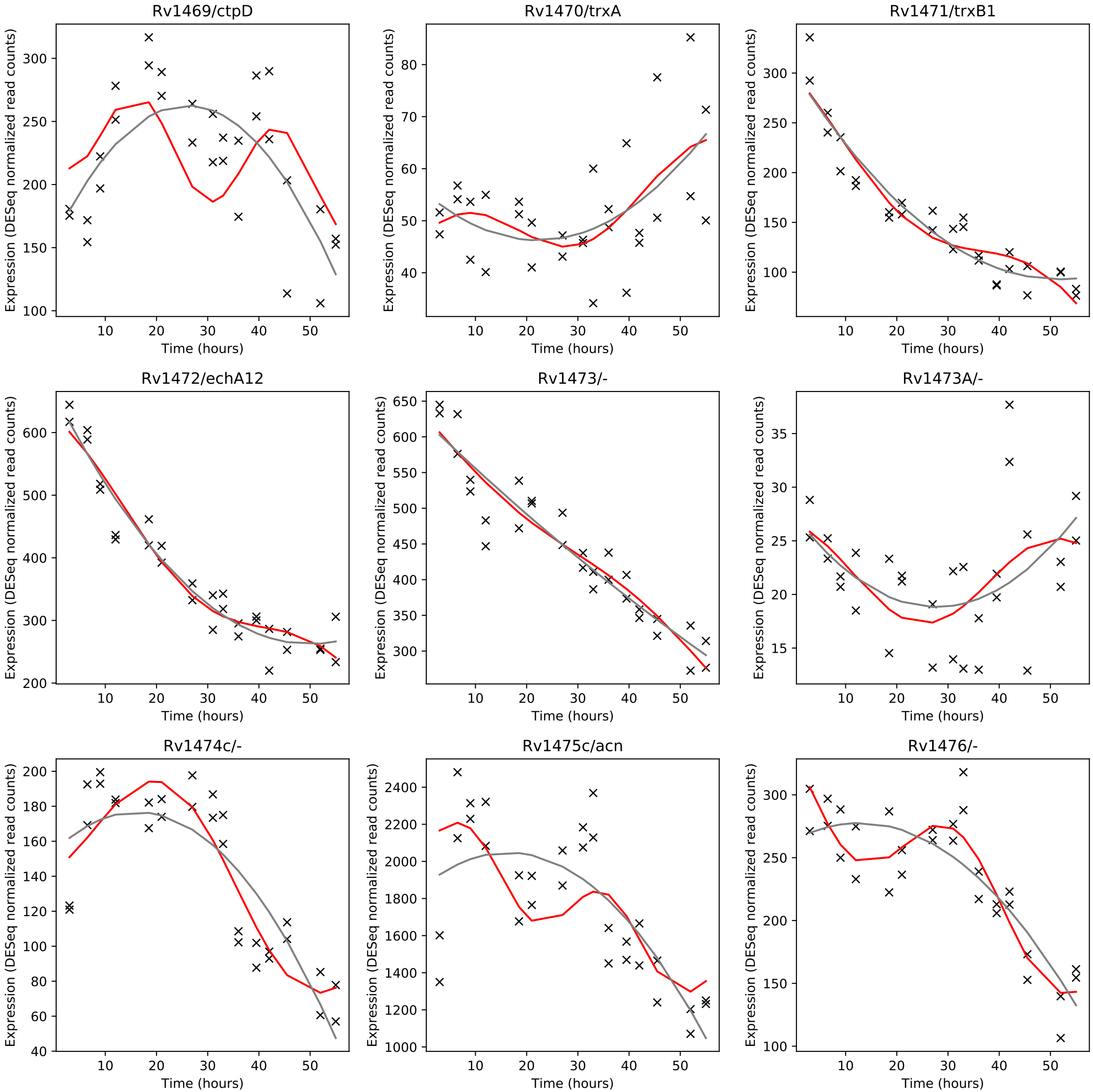

Rv1448c/tal
Expression (DESeq normalized read counts)
Time (hours)

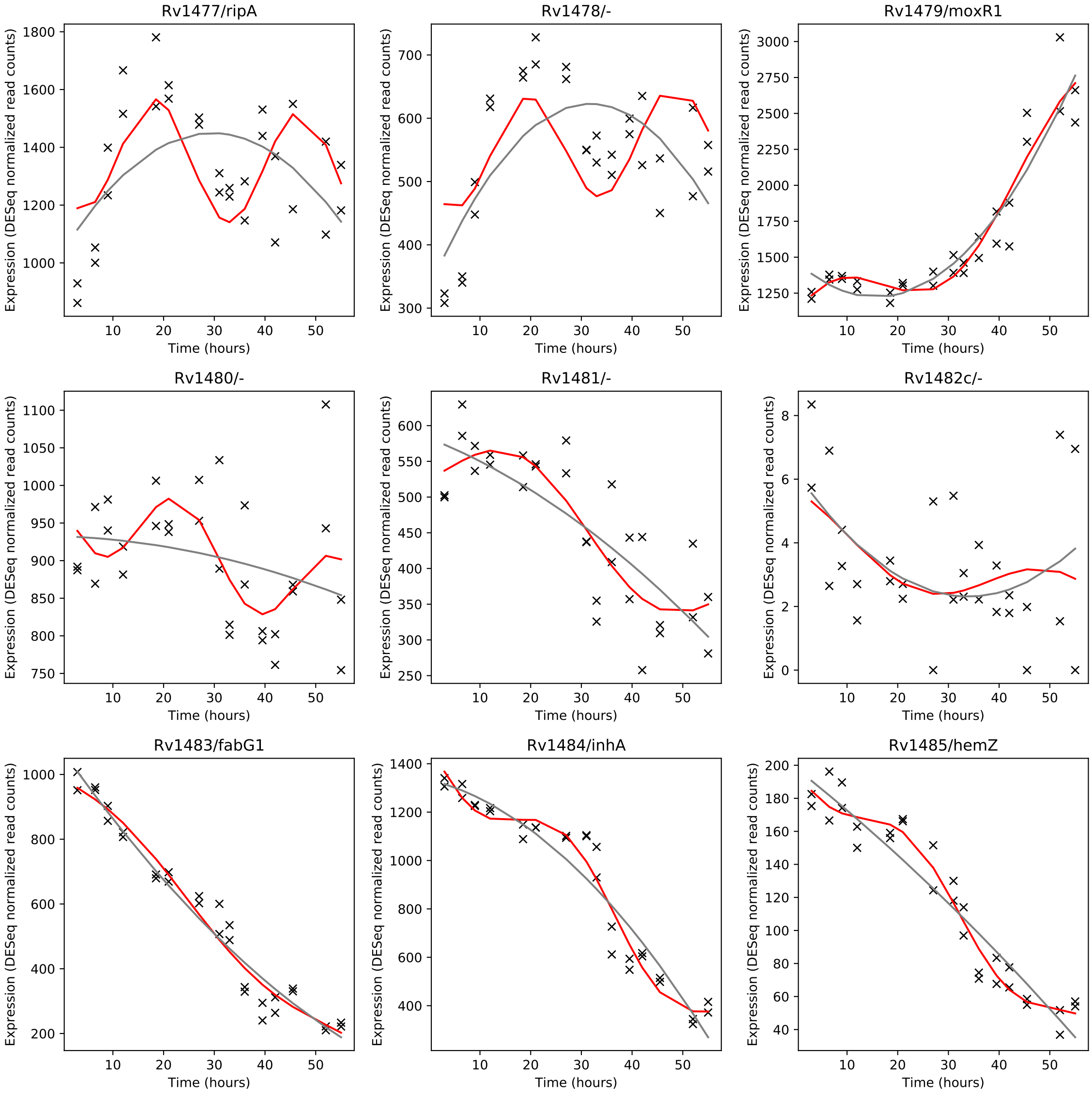

Rv1449c/tkt
Expression (DESeq normalized read counts)
Time (hours)

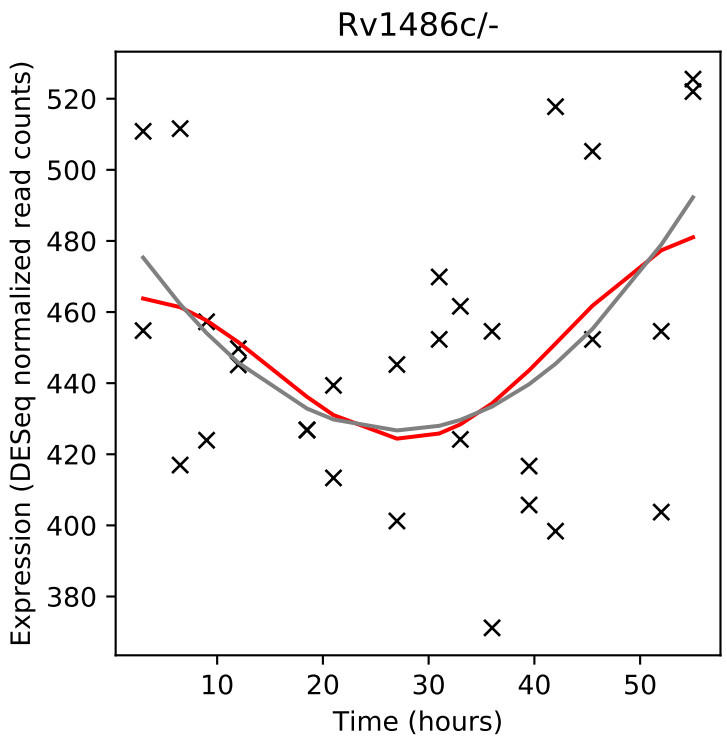

Rv1450c/PE_PGRS27
Expression (DESeq normalized read counts)
Time (hours)

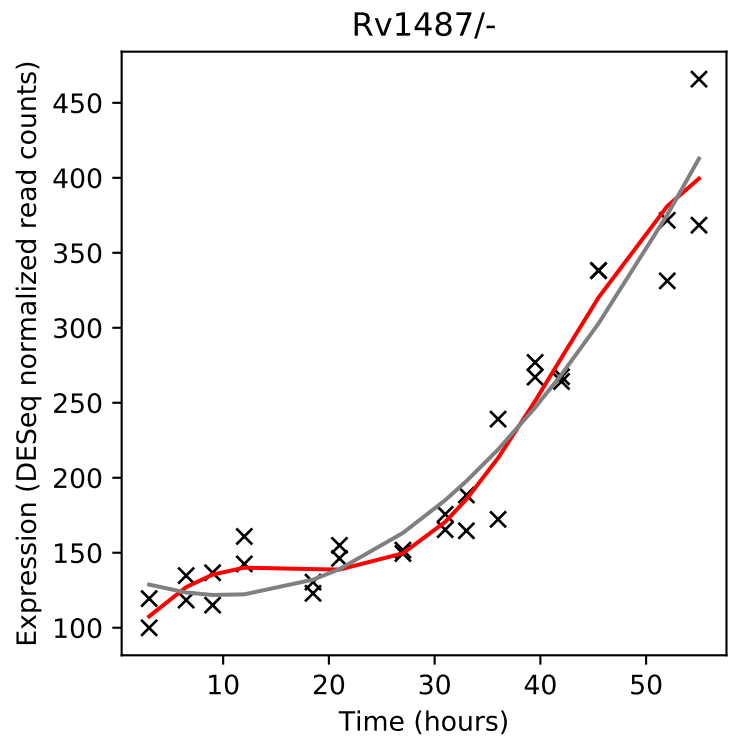

Rv1451/ctaB
Rv1452c/PE_PGRS28
Rv1453/-
Rv1454c/qor
Rv1455/-
Rv1456c/-
Rv1457c/-
Rv1458c/-
Rv1459c/-
Expression (DESeq normalized read counts)
Time (hours)

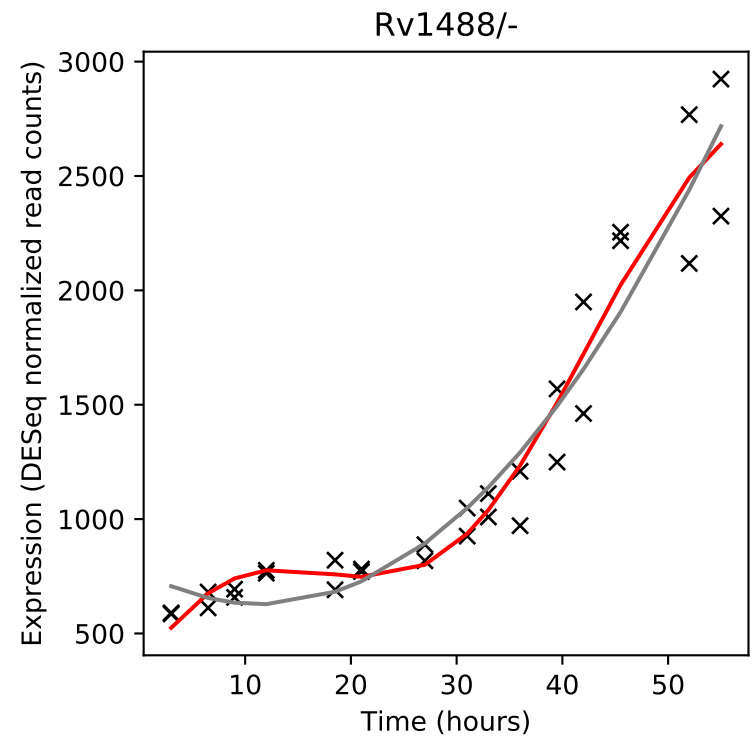

Rv1460/-
Rv1461/-
Rv1462/-
Rv1463/-
Rv1464/csd
Rv1465/-
Rv1466/-
Rv1467c/fadE15
Rv1468c/PE_PGRS29
Expression (DESeq normalized read counts)
Time (hours)

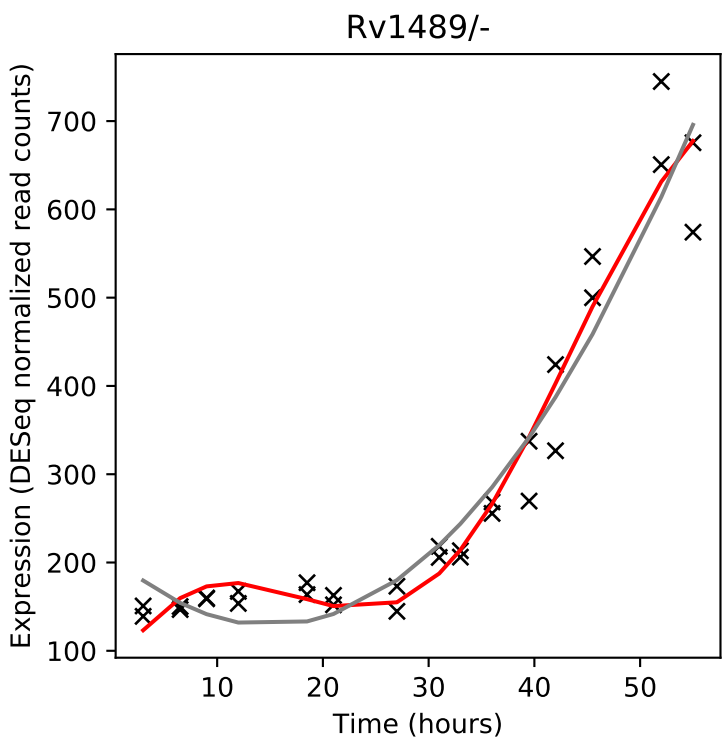

Rv1469/ctpD
Rv1470/trxA
Rv1471/trxB1
Rv1472/echA12
Rv1473/-
Rv1473A/-
Rv1474c/-
Rv1475c/acn
Rv1476/-
Expression (DESeq normalized read counts)
Time (hours)

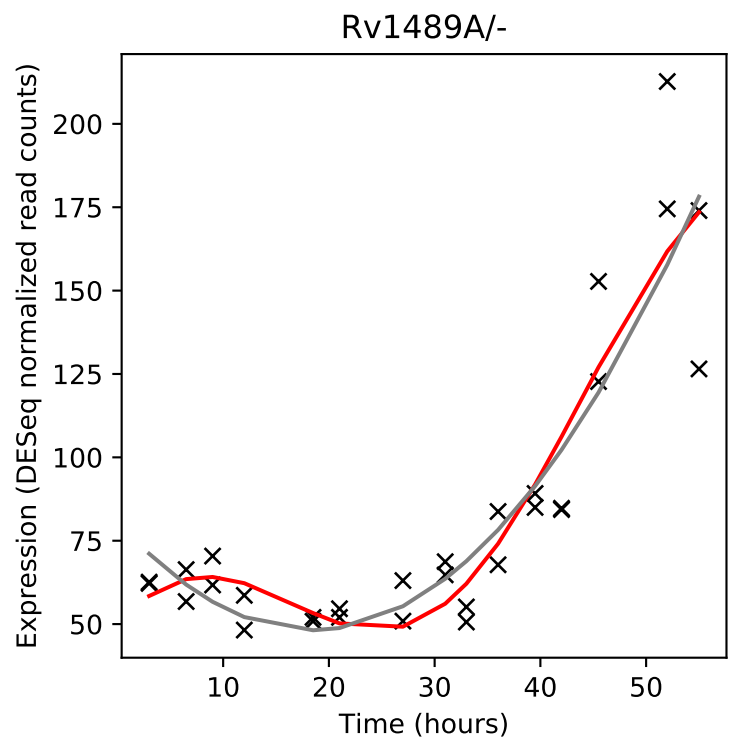

Rv1477/ripA
Rv1478/-
Rv1479/moxR1
Rv1480/-
Rv1481/-
Rv1482c/-
Rv1483/fabG1
Rv1484/inhA
Rv1485/hemZ
Expression (DESeq normalized read counts)
Time (hours)

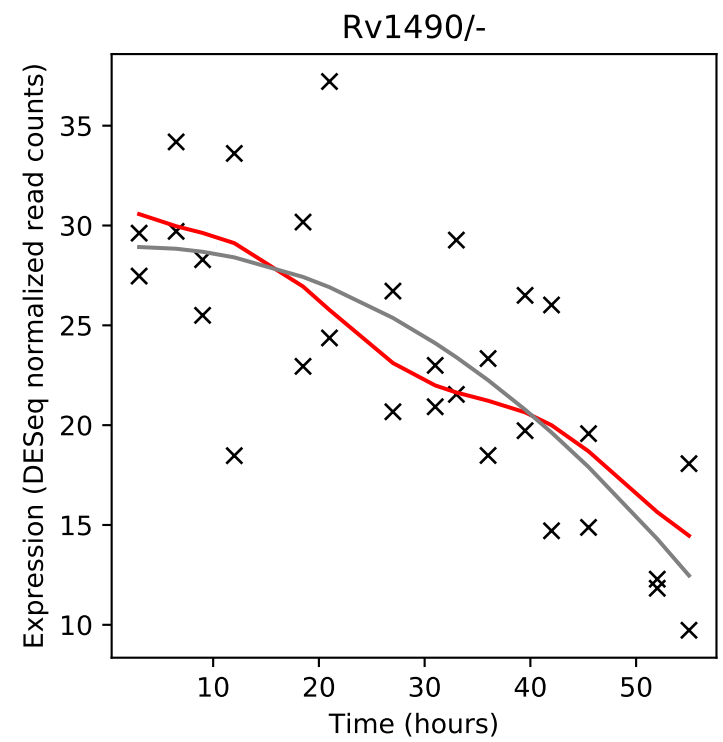

Rv1486c/-
Expression (DESeq normalized read counts)
Time (hours)

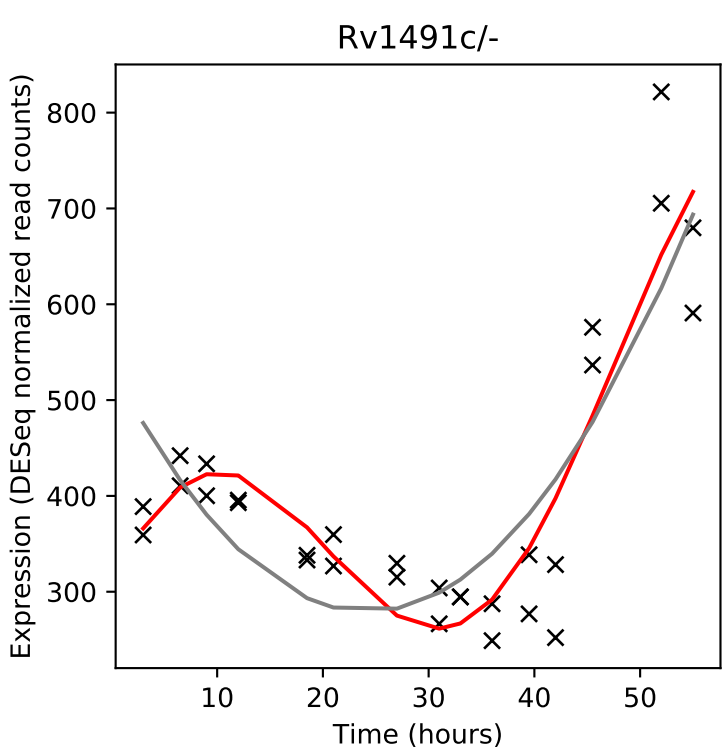

Rv1487/-
Expression (DESeq normalized read counts)
Time (hours)

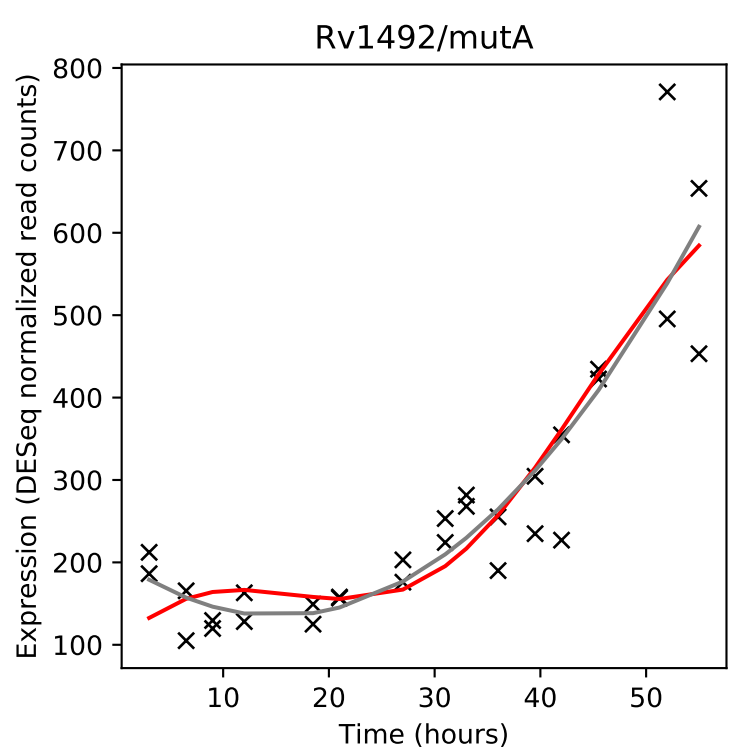

Rv1488/-
Expression (DESeq normalized read counts)
Time (hours)

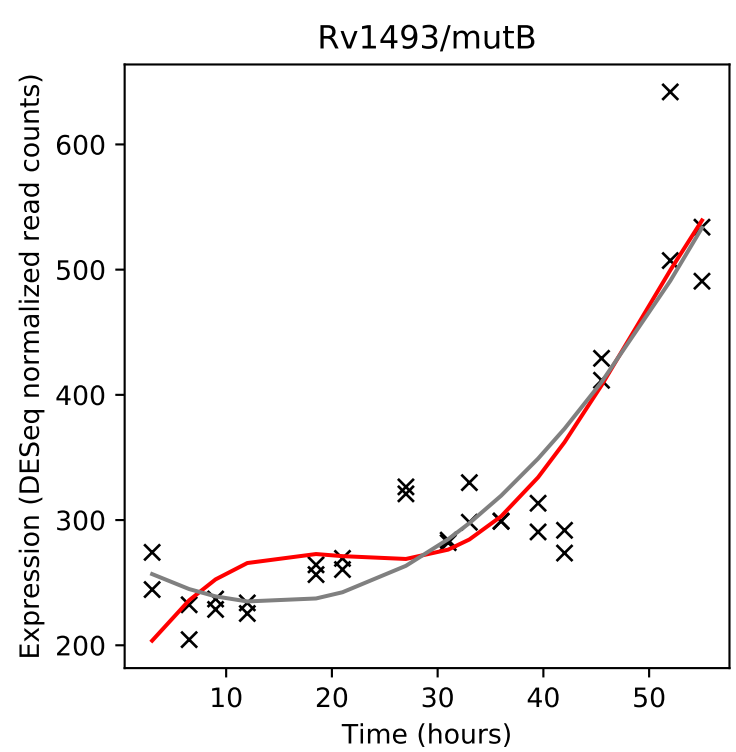

Rv1489/-
Expression (DESeq normalized read counts)
Time (hours)

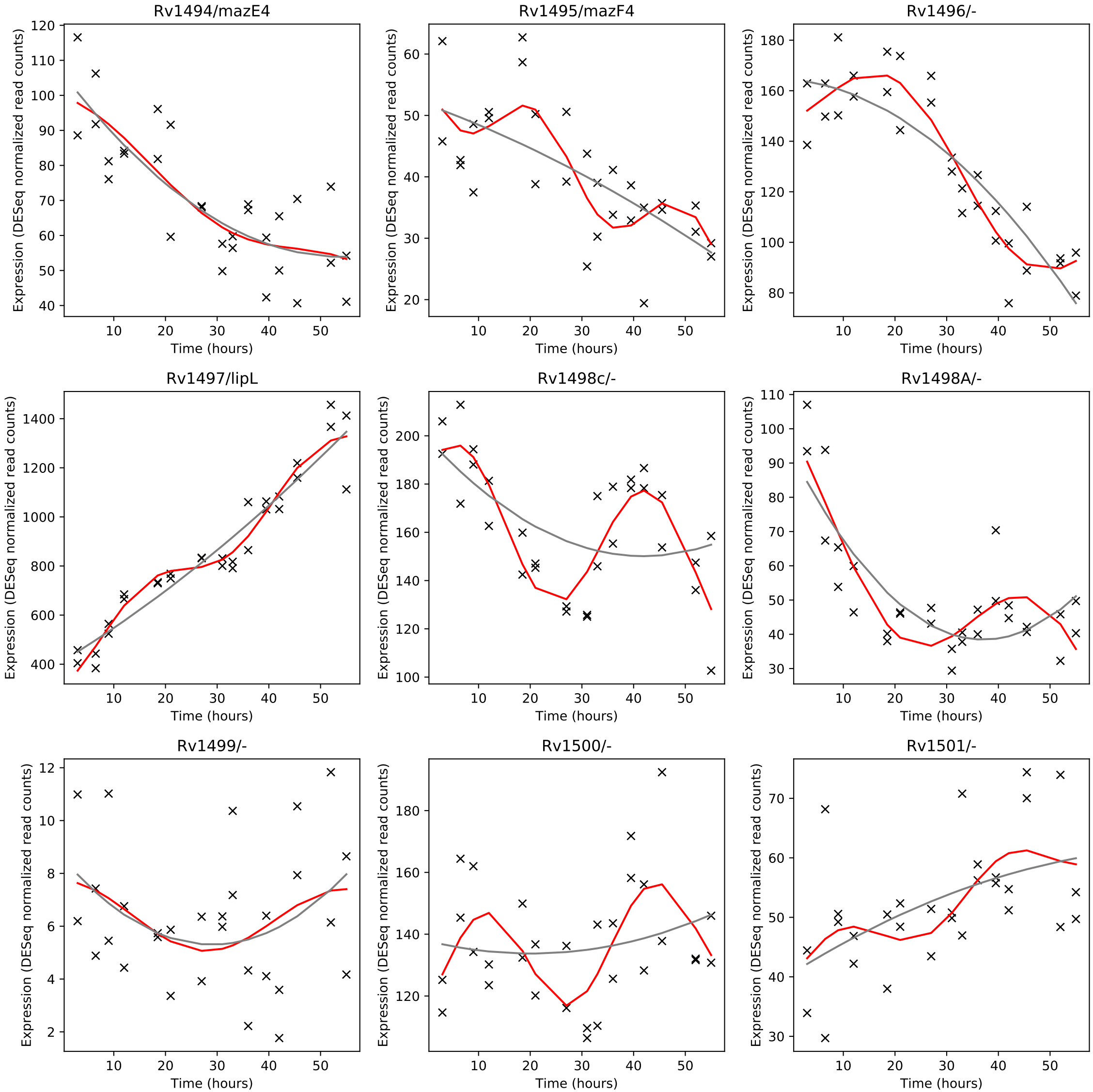

Rv1489A/-
Expression (DESeq normalized read counts)
Time (hours)

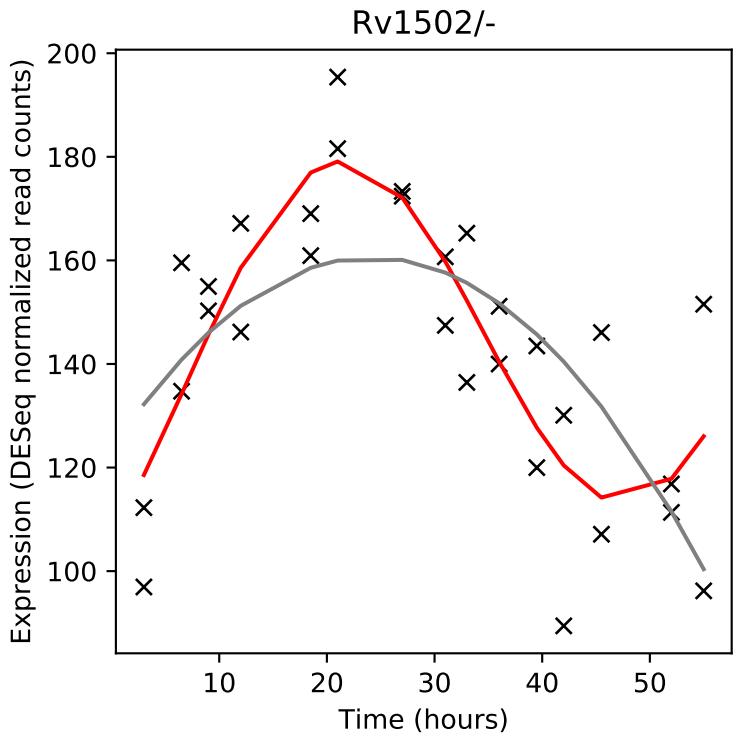

Rv1490/-
Expression (DESeq normalized read counts)
Time (hours)

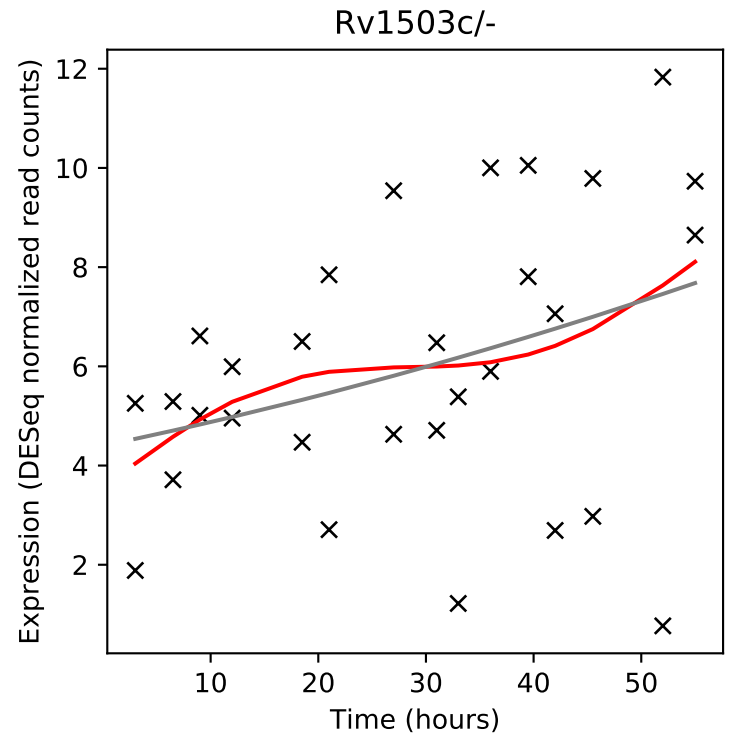

Rv1491c/-
Expression (DESeq normalized read counts)
Time (hours)

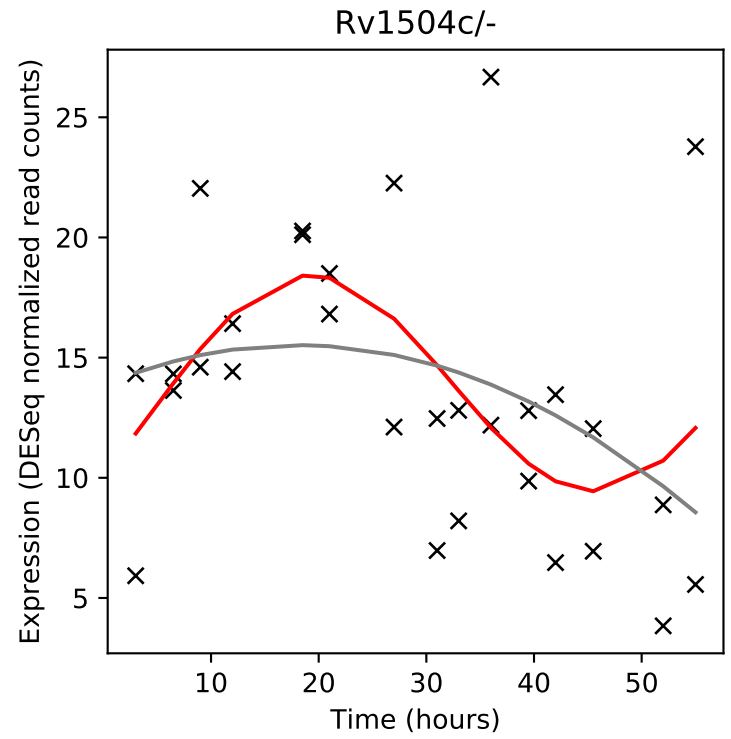

Rv1492/mutA
Expression (DESeq normalized read counts)
Time (hours)

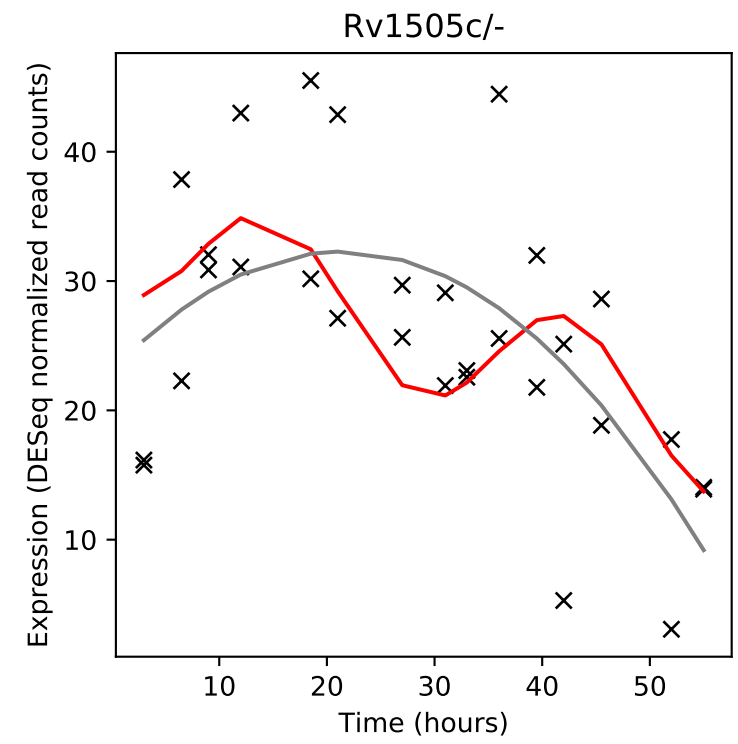

Rv1493/mutB
Expression (DESeq normalized read counts)
Time (hours)

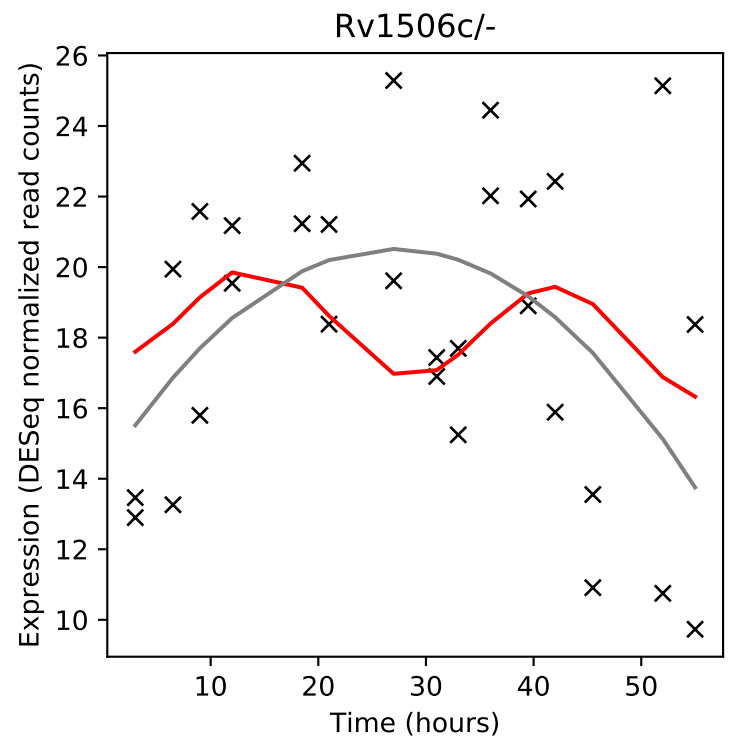

Rv1494/mazE4
Rv1495/mazF4
Rv1496/-
Rv1497/lipL
Rv1498c/-
Rv1498A/-
Rv1499/-
Rv1500/-
Rv1501/-
Expression (DESeq normalized read counts)
Time (hours)

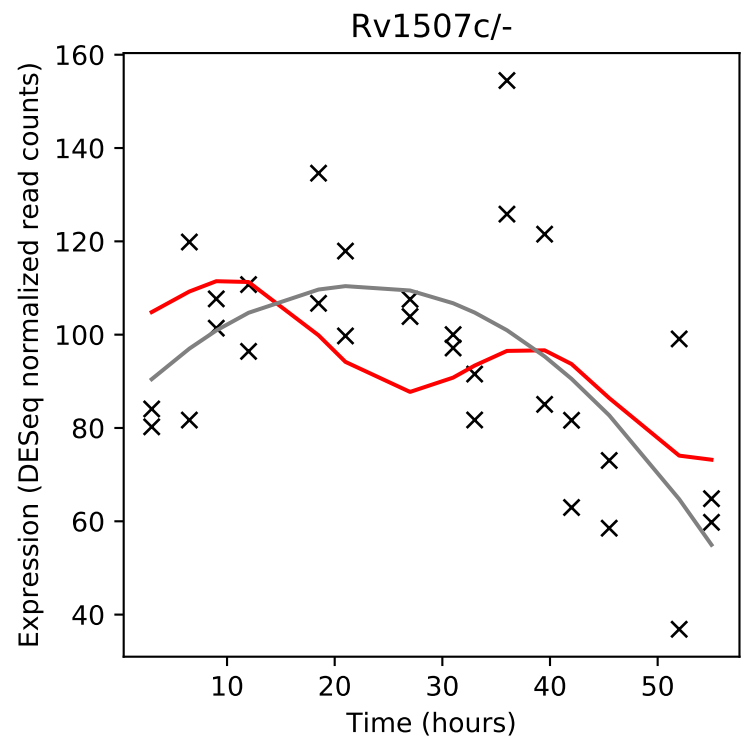

Rv1502/-
Expression (DESeq normalized read counts)
Time (hours)

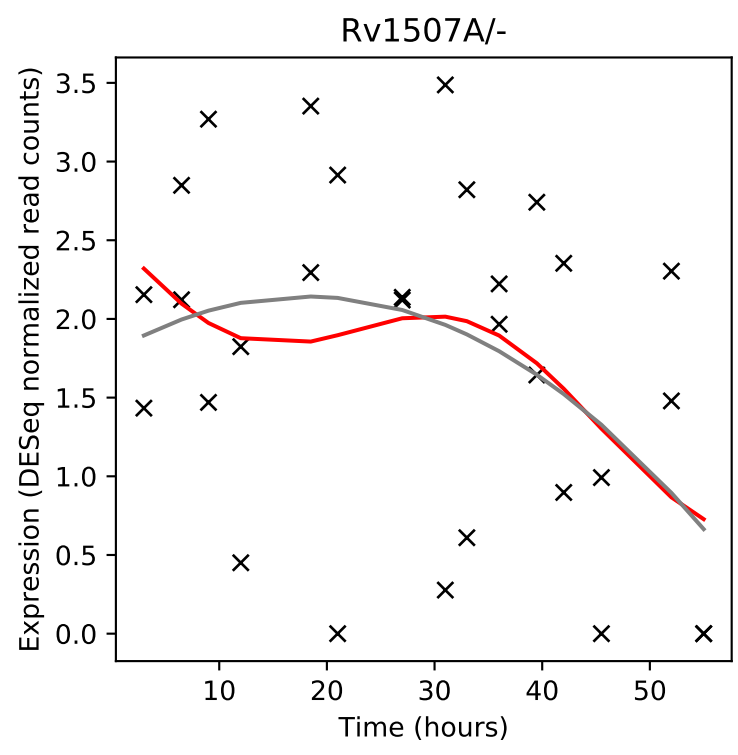

Rv1503c/-
Expression (DESeq normalized read counts)
Time (hours)

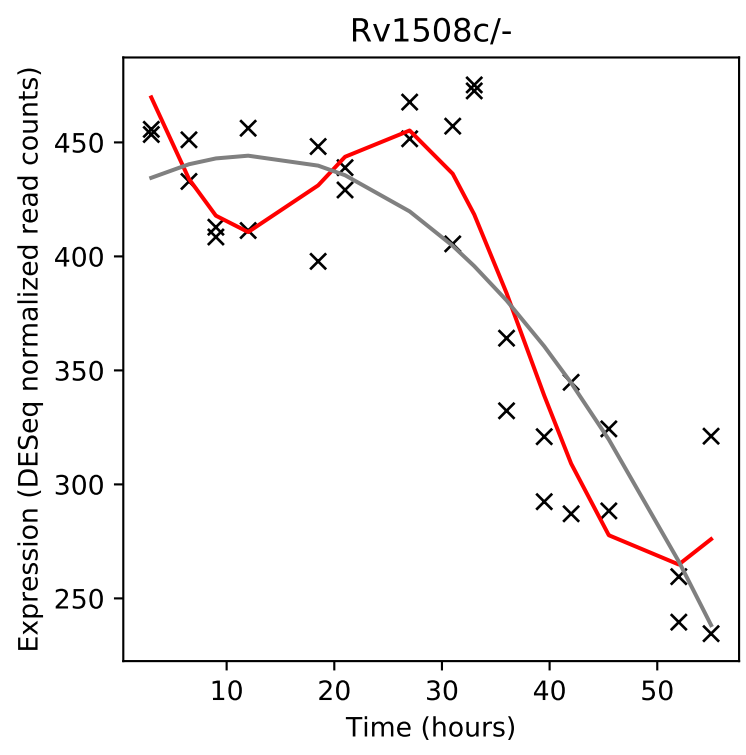

Rv1504c/-
Expression (DESeq normalized read counts)
Time (hours)

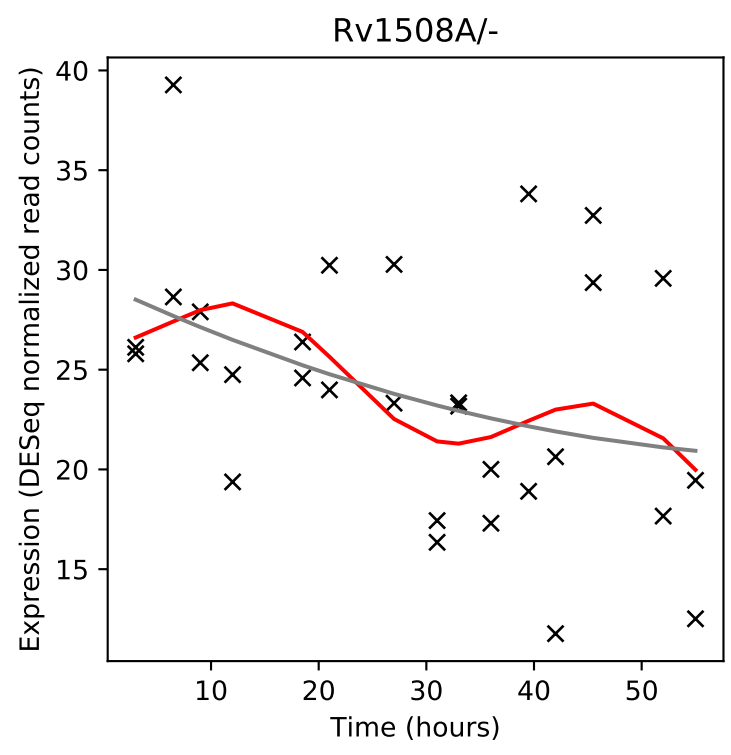

Rv1505c/-
Expression (DESeq normalized read counts)
Time (hours)

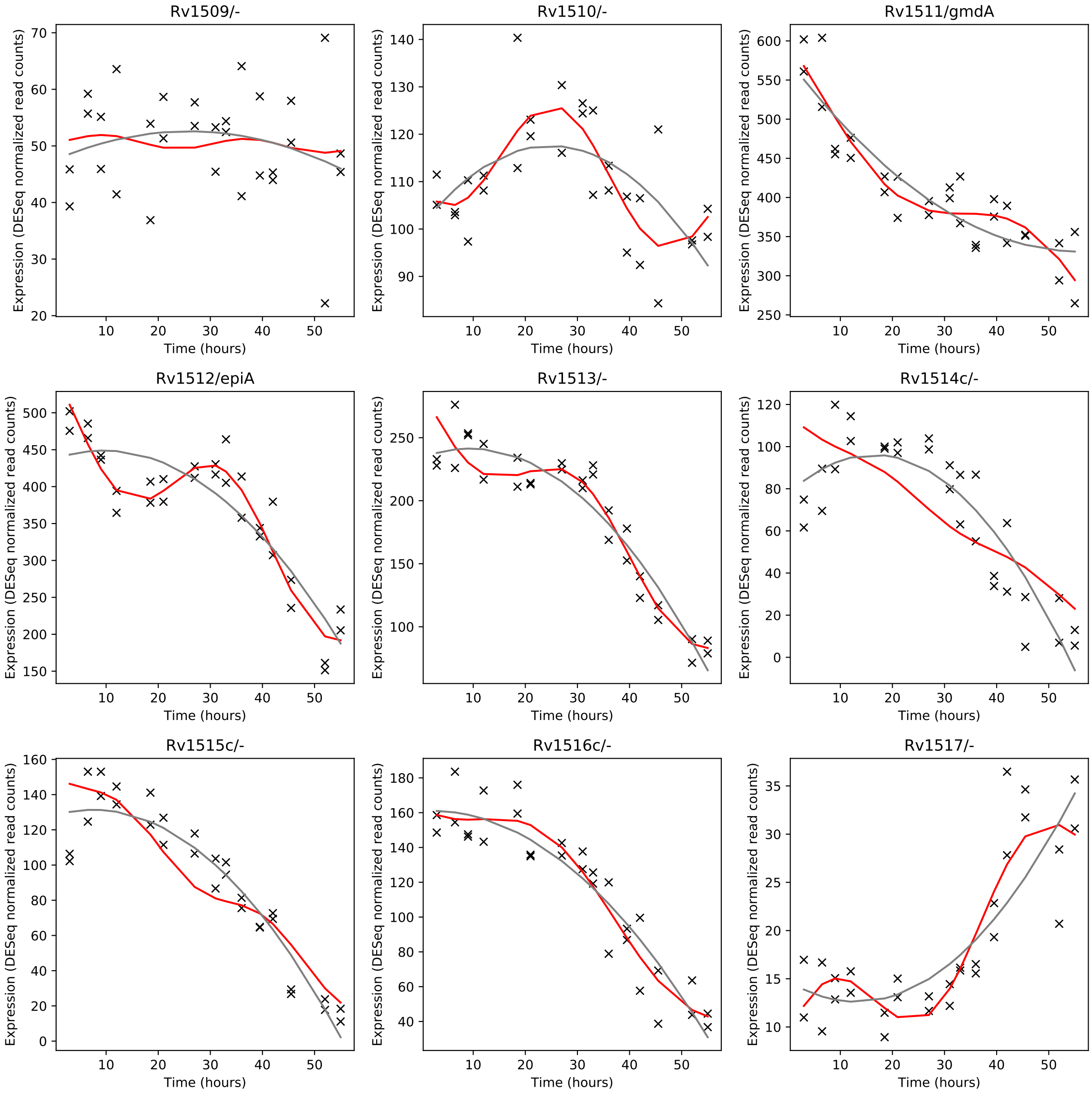

Rv1506c/-
Expression (DESeq normalized read counts)
Time (hours)

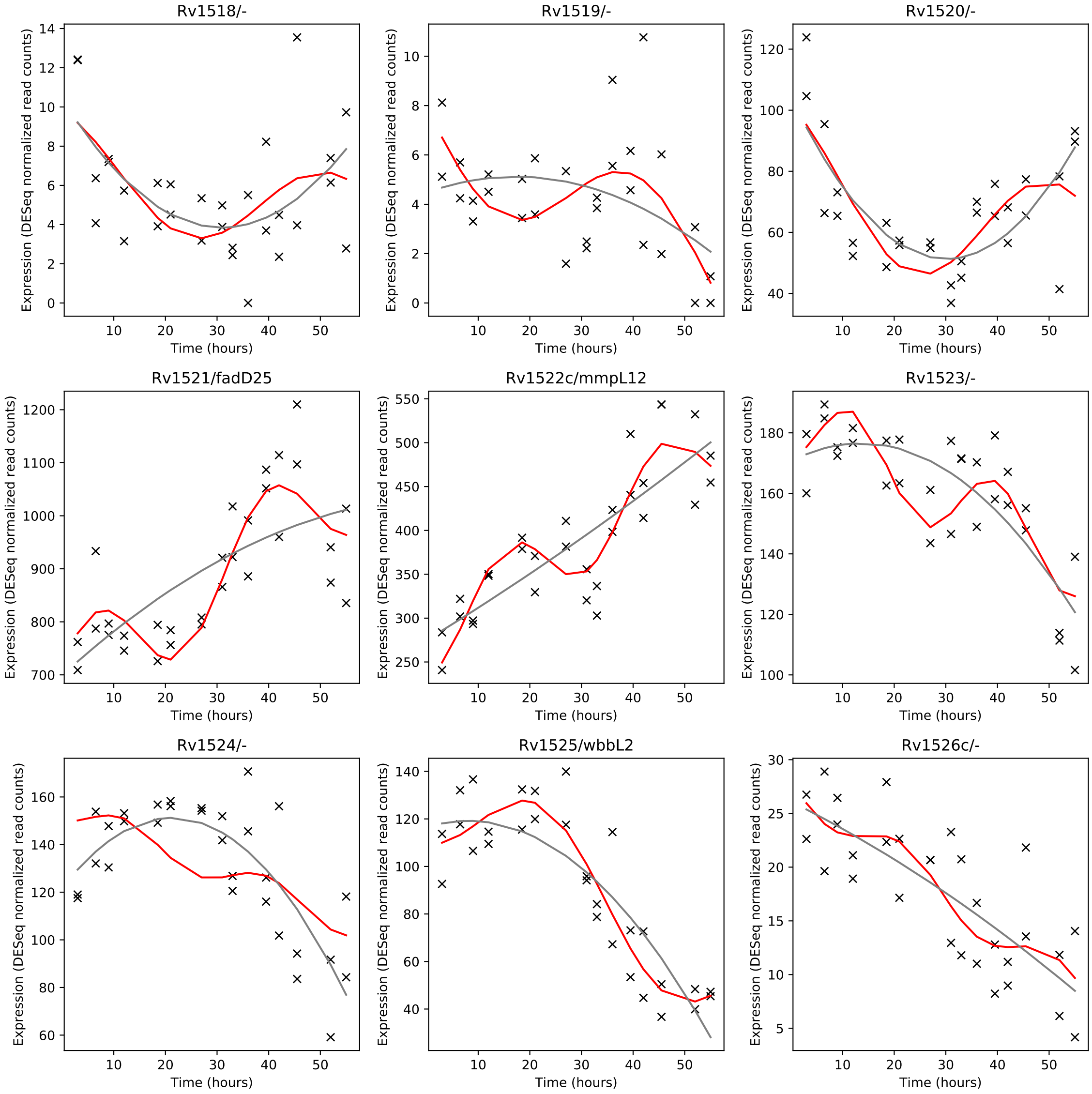

Rv1507c/-
Expression (DESeq normalized read counts)
Time (hours)

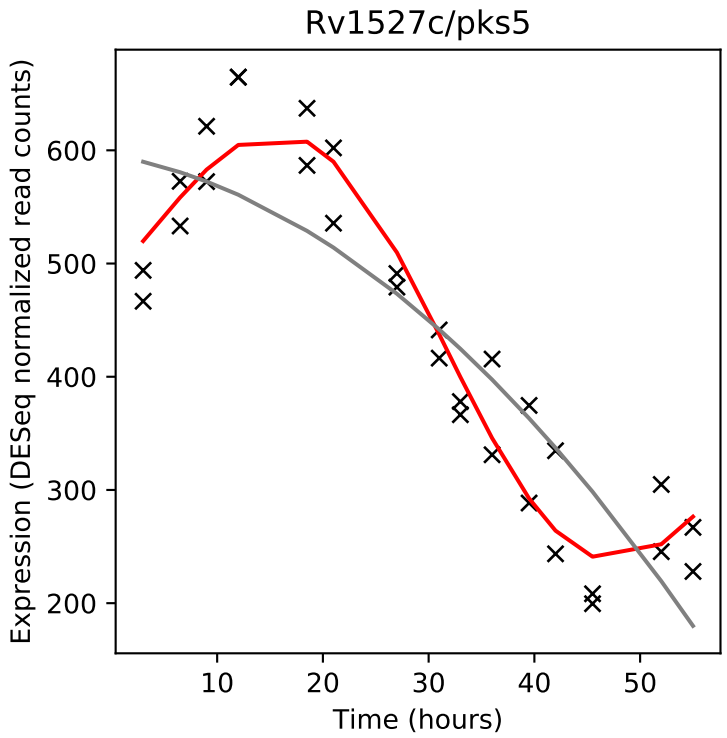

Rv1507A/-
Expression (DESeq normalized read counts)
Time (hours)

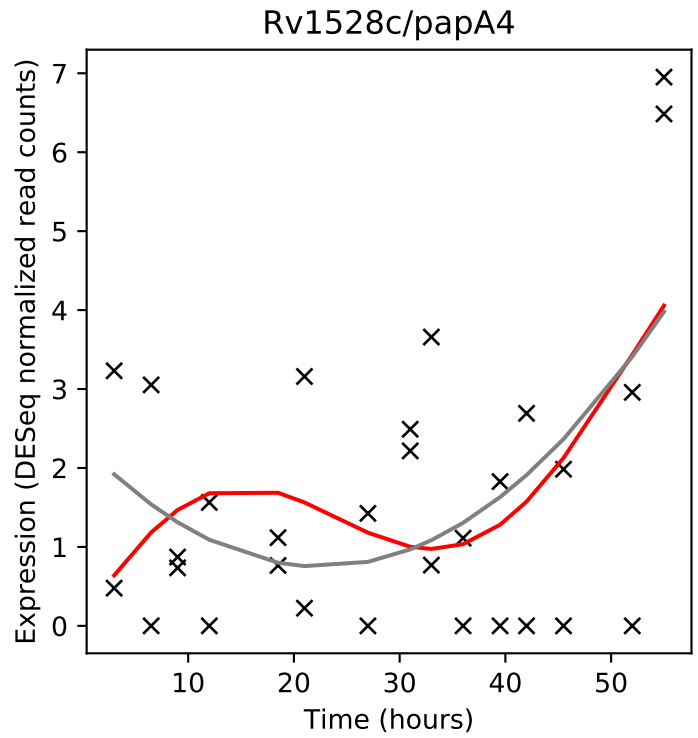

Rv1508c/-
Expression (DESeq normalized read counts)
Time (hours)

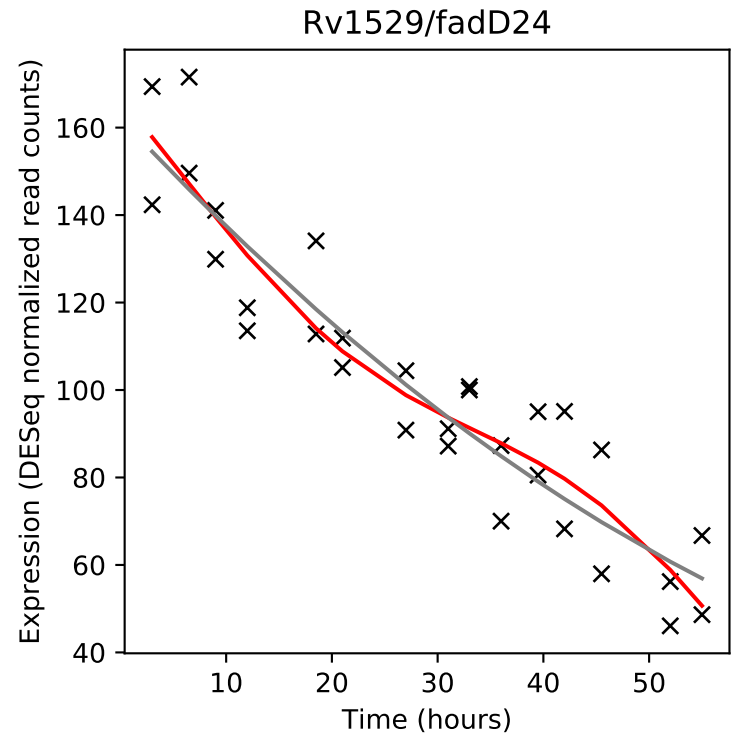

Rv1508A/-
Expression (DESeq normalized read counts)
Time (hours)

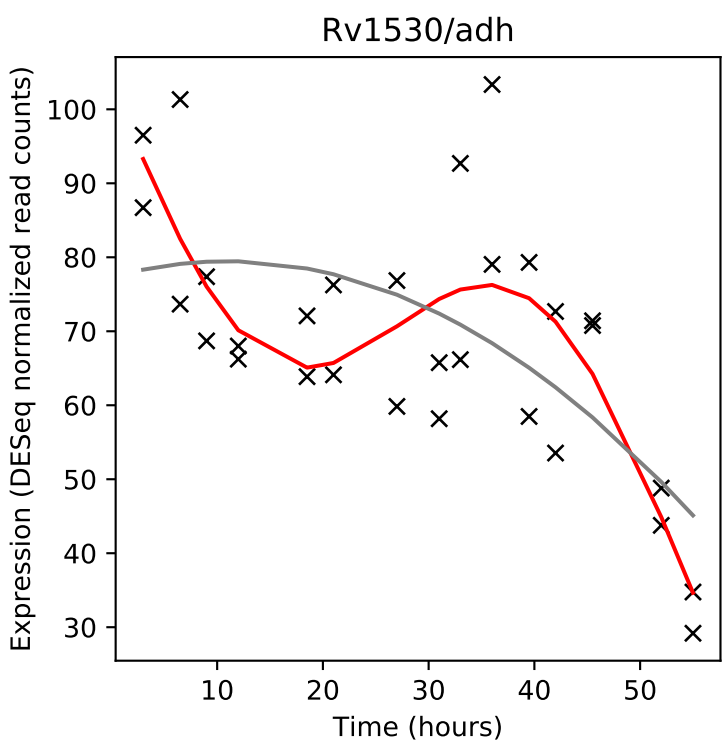

Rv1509/-
Rv1510/-
Rv1511/gmdA
Rv1512/epiA
Rv1513/-
Rv1514c/-
Rv1515c/-
Rv1516c/-
Rv1517/-
Expression (DESeq normalized read counts)
Time (hours)

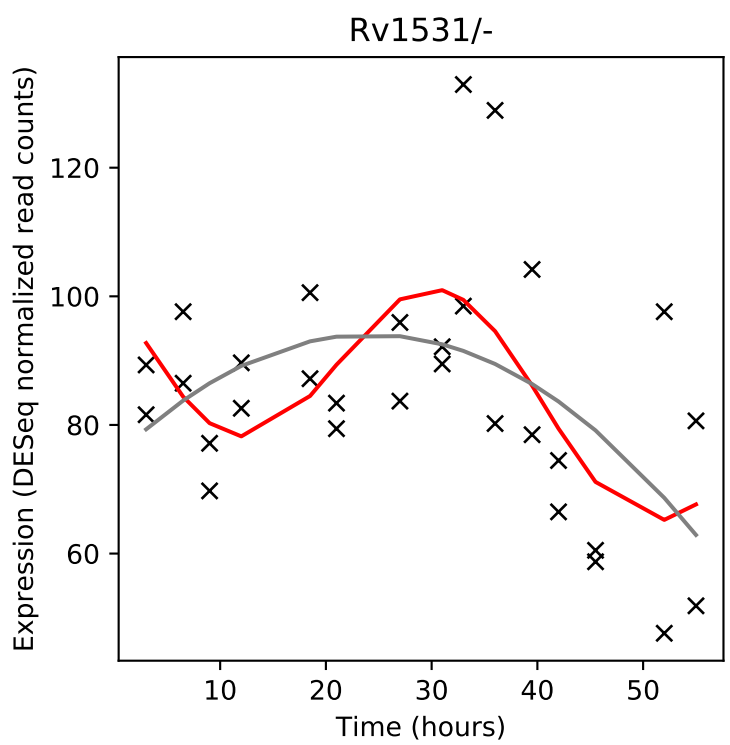

Rv1518/-
Rv1519/-
Rv1520/-
Rv1521/fadD25
Rv1522c/mmpL12
Rv1523/-
Rv1524/-
Rv1525/wbbL2
Rv1526c/-
Expression (DESeq normalized read counts)
Time (hours)

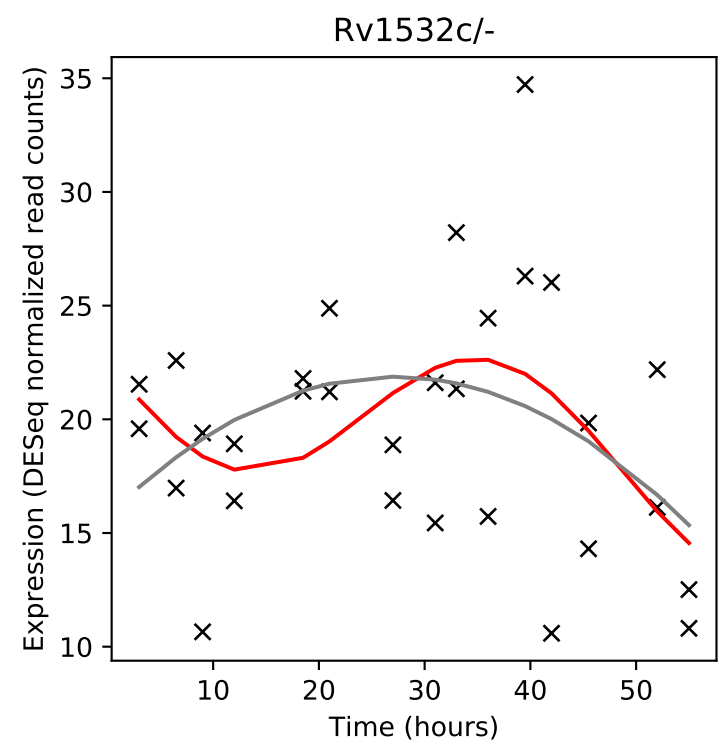

Rv1527c/pks5
Expression (DESeq normalized read counts)
Time (hours)

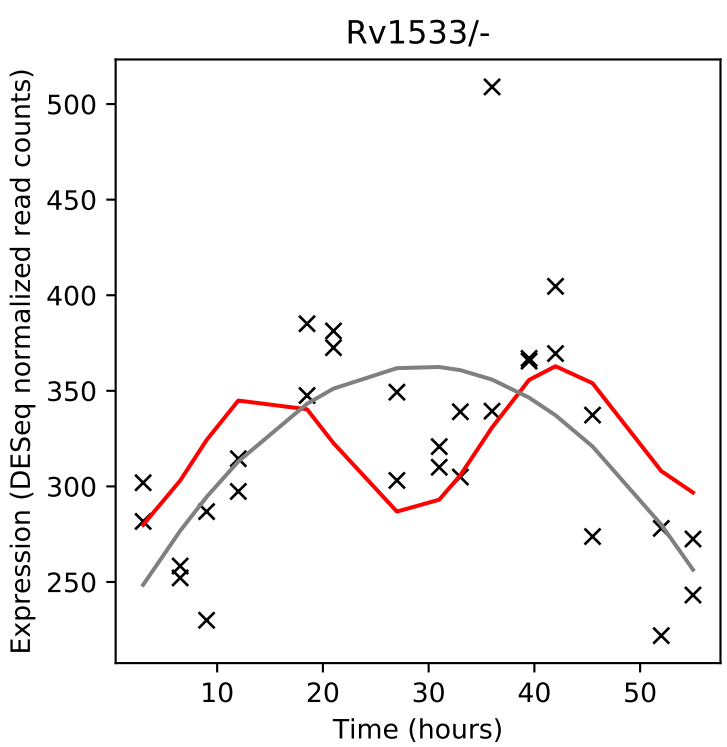

Rv1528c/papA4
Expression (DESeq normalized read counts)
Time (hours)

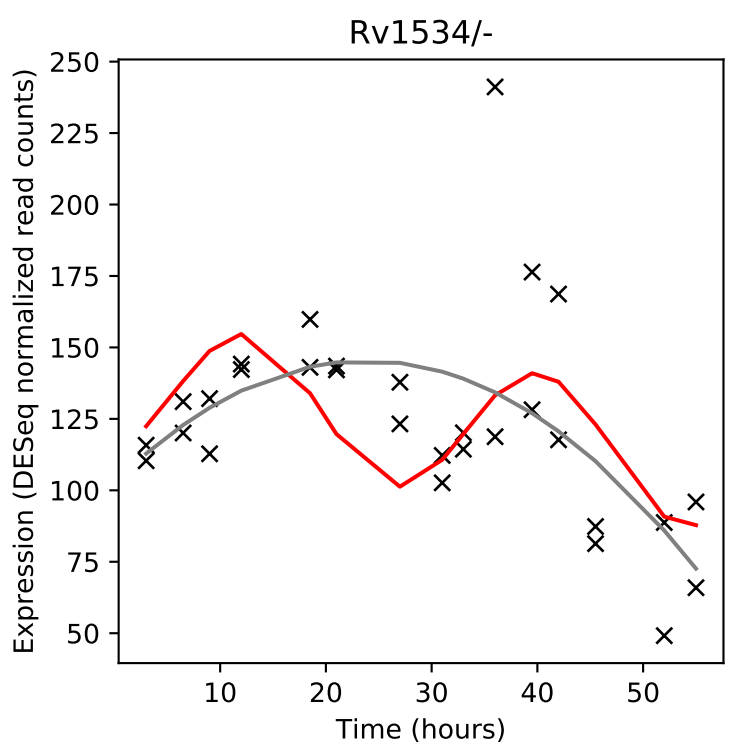

Rv1529/fadD24
Expression (DESeq normalized read counts)
Time (hours)

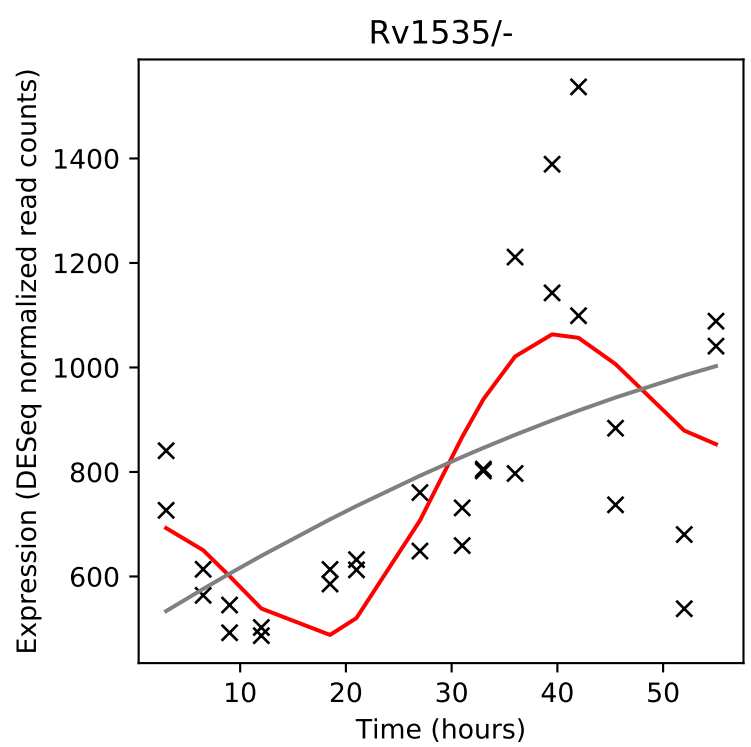

Rv1530/adh
Expression (DESeq normalized read counts)
Time (hours)

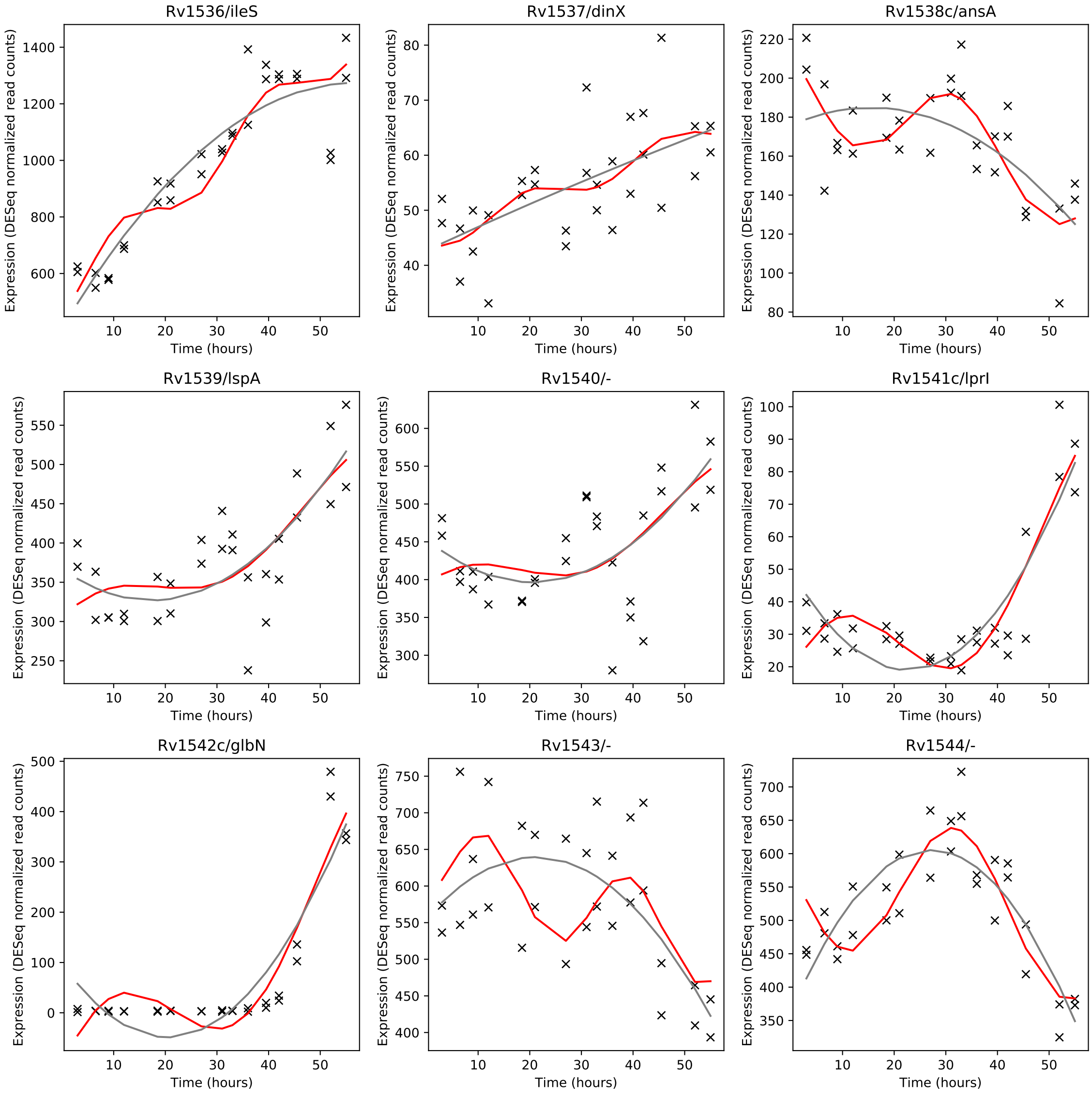

Rv1531/-
Expression (DESeq normalized read counts)
Time (hours)

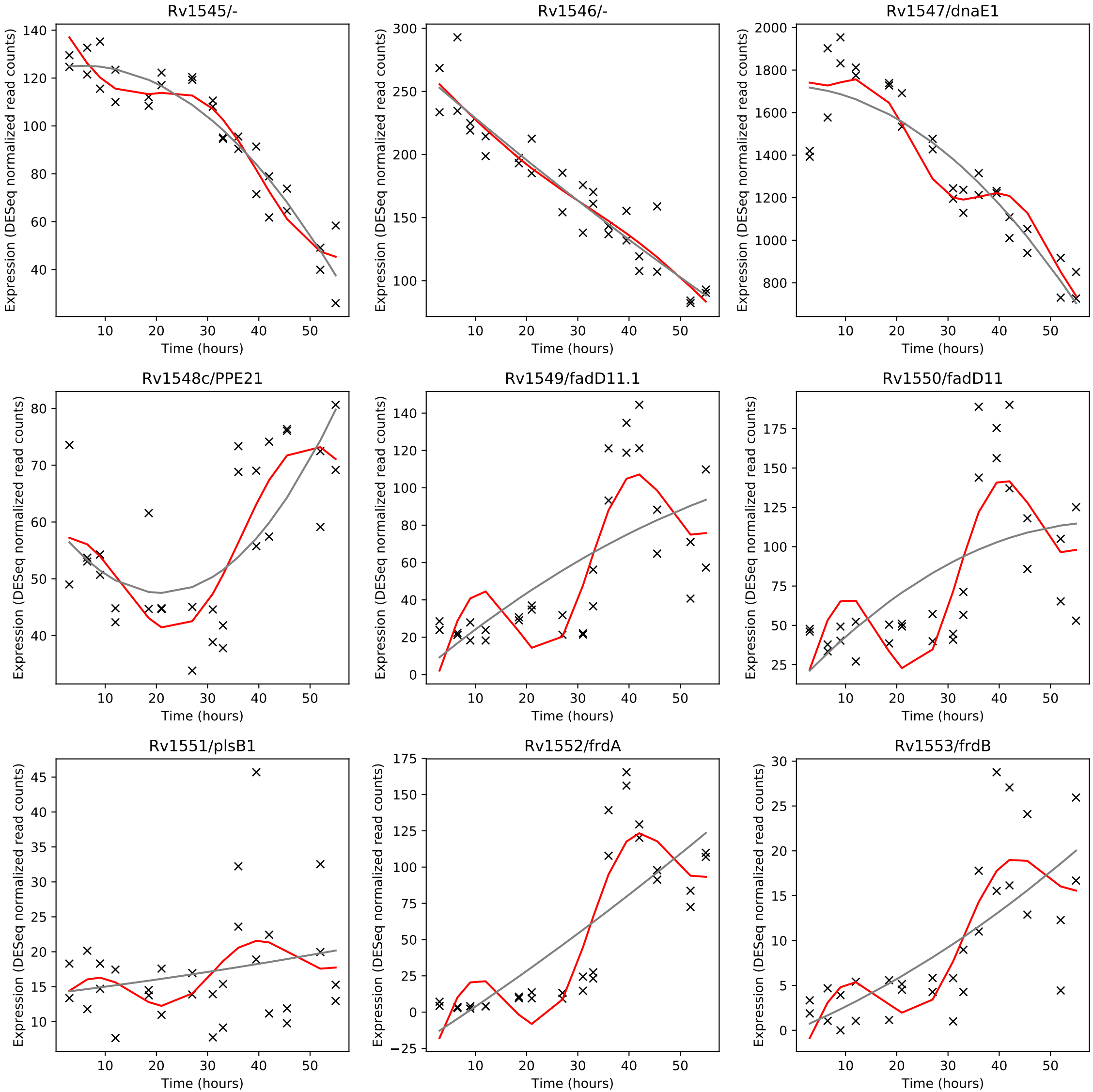

Rv1532c/-
Expression (DESeq normalized read counts)
Time (hours)

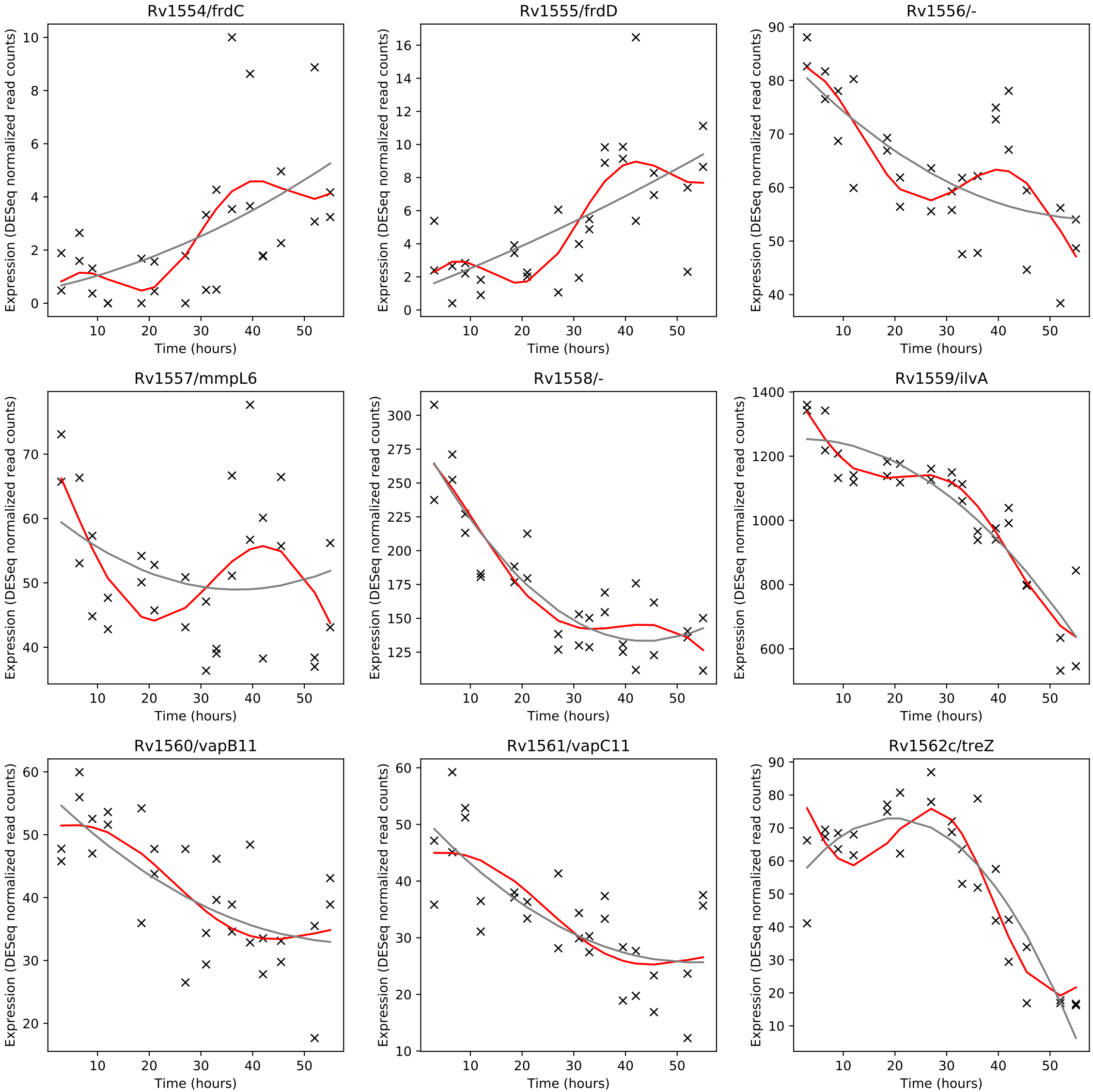

Rv1533/-
Expression (DESeq normalized read counts)
Time (hours)

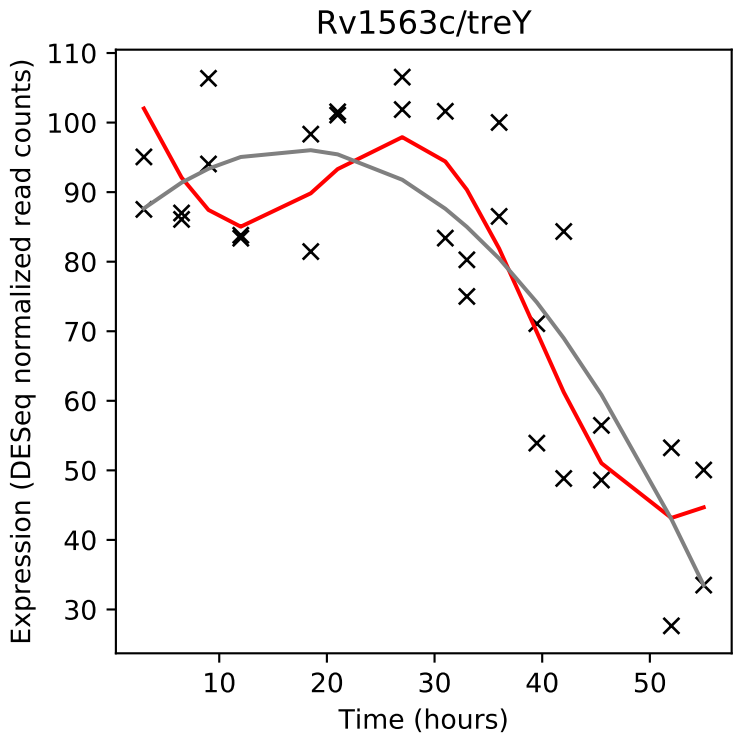

Rv1534/-
Expression (DESeq normalized read counts)
Time (hours)

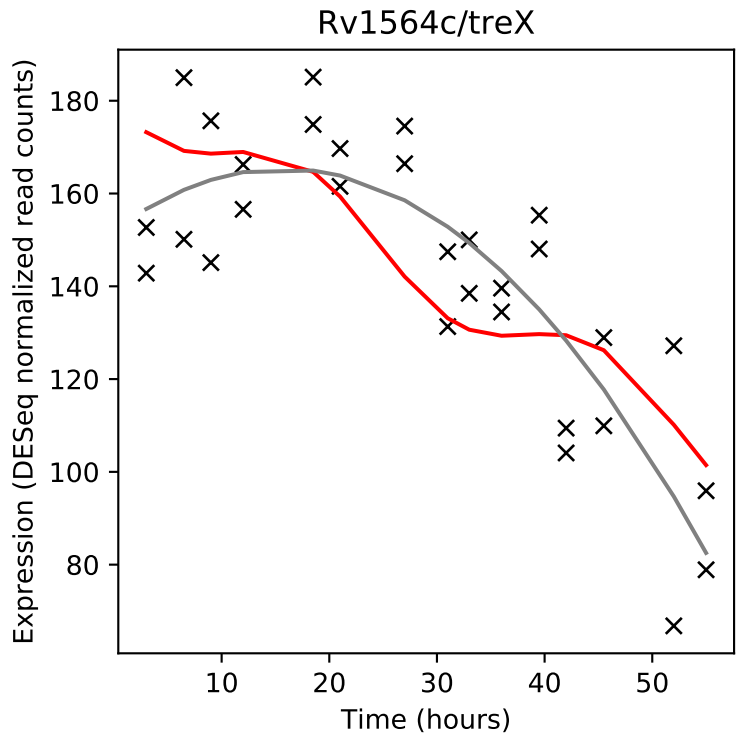

Rv1535/-
Expression (DESeq normalized read counts)
Time (hours)

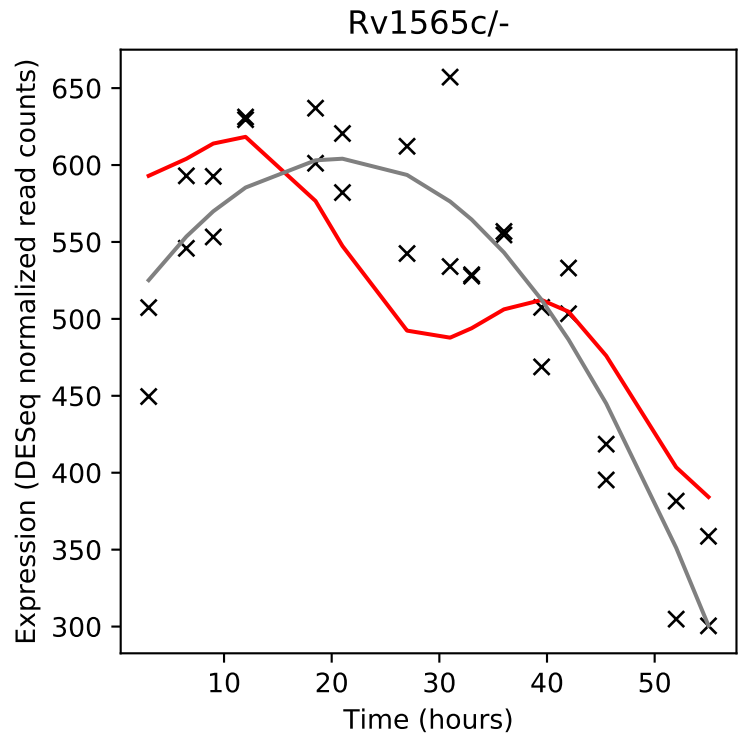

Rv1536/ileS
Rv1537/dinX
Rv1538c/ansA
Rv1539/lspA
Rv1540/-
Rv1541c/lprI
Rv1542c/glbN
Rv1543/-
Rv1544/-
Expression (DESeq normalized read counts)
Time (hours)

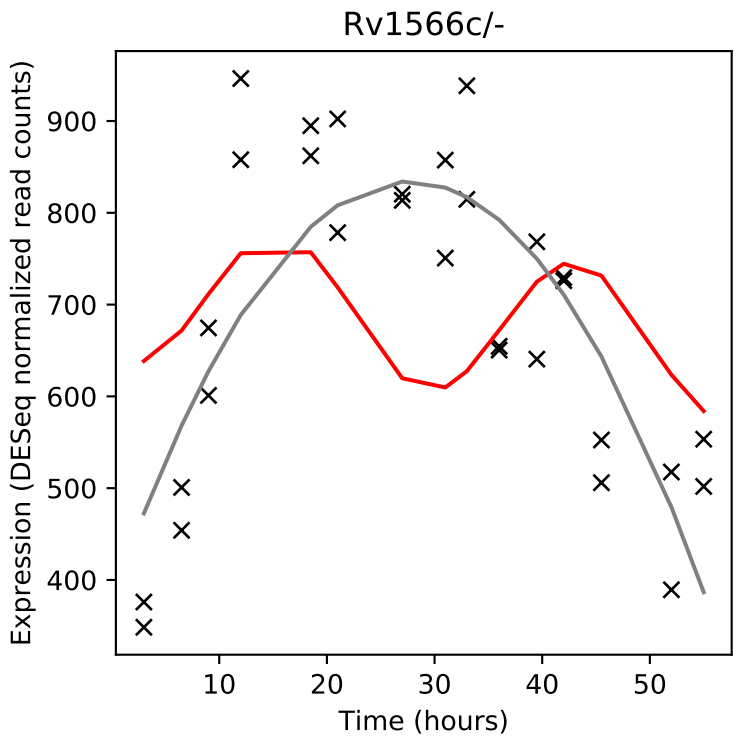

Rv1545/-
Rv1546/-
Rv1547/dnaE1
Rv1548c/PPE21
Rv1549/fadD11.1
Rv1550/fadD11
Rv1551/plsB1
Rv1552/frdA
Rv1553/frdB
Expression (DESeq normalized read counts)
Time (hours)

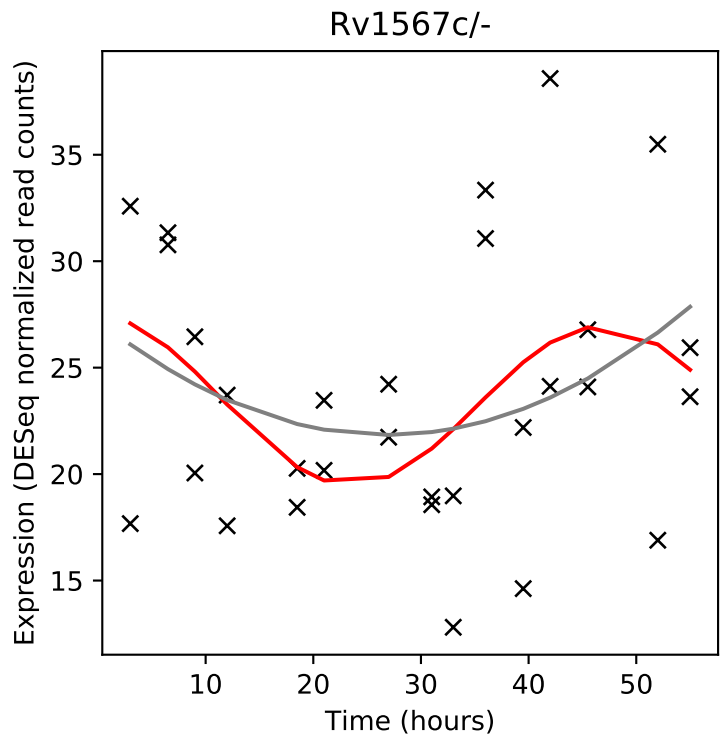

Rv1554/frdC
Rv1555/frdD
Rv1556/-
Rv1557/mmpL6
Rv1558/-
Rv1559/ilvA
Rv1560/vapB11
Rv1561/vapC11
Rv1562c/treZ
Expression (DESeq normalized read counts)
Time (hours)

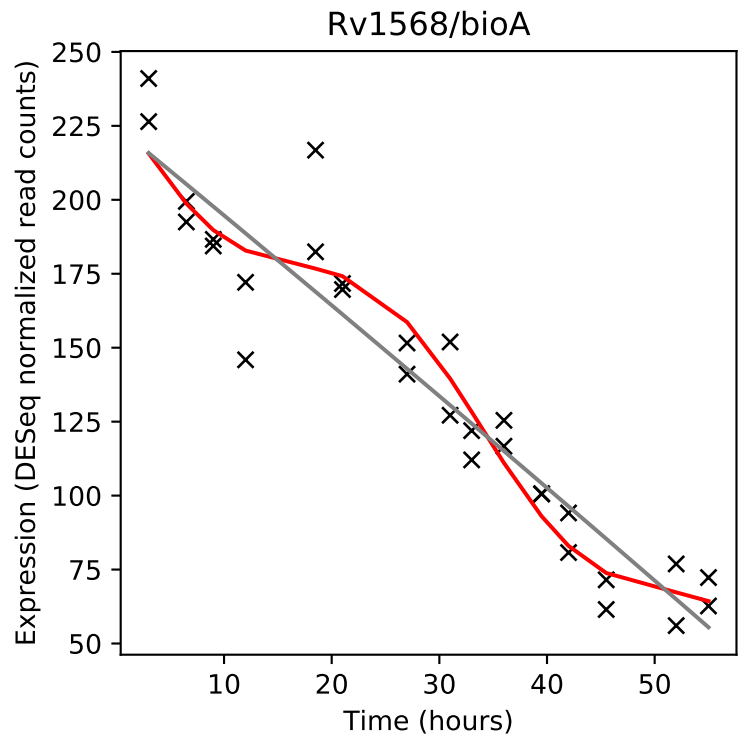

Rv1563c/treY
Expression (DESeq normalized read counts)
Time (hours)

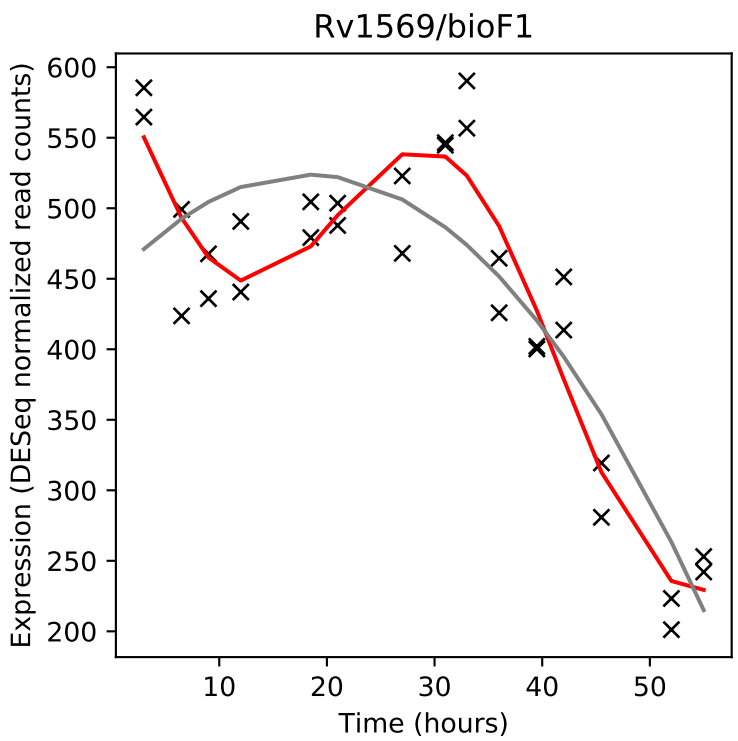

Rv1564c/treX
Expression (DESeq normalized read counts)
Time (hours)

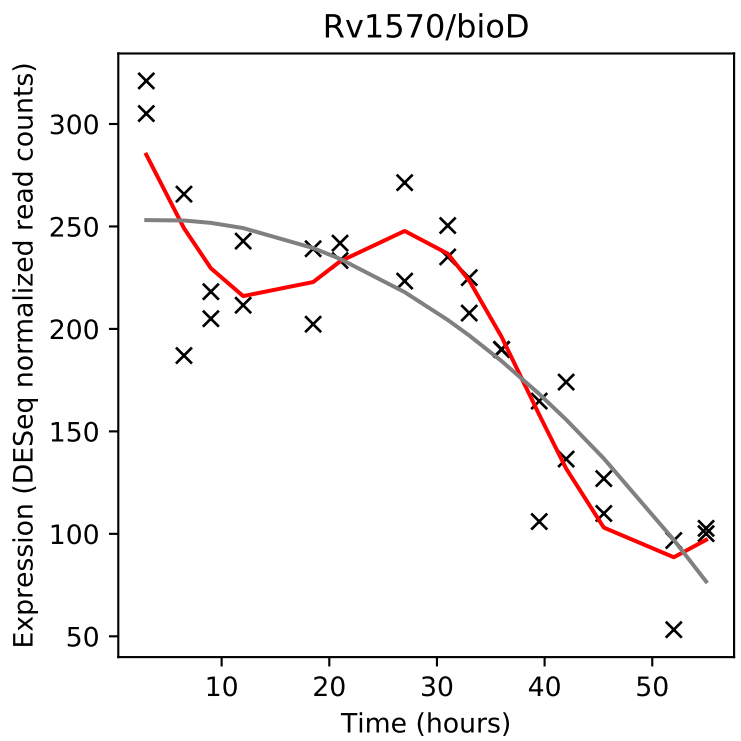

Rv1565c/-
Expression (DESeq normalized read counts)
Time (hours)

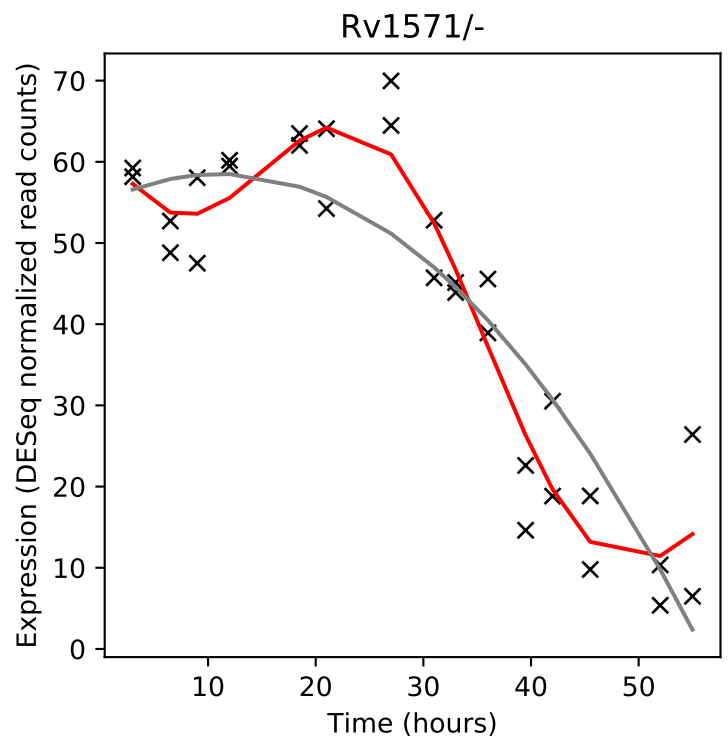

Rv1566c/-
Expression (DESeq normalized read counts)
Time (hours)

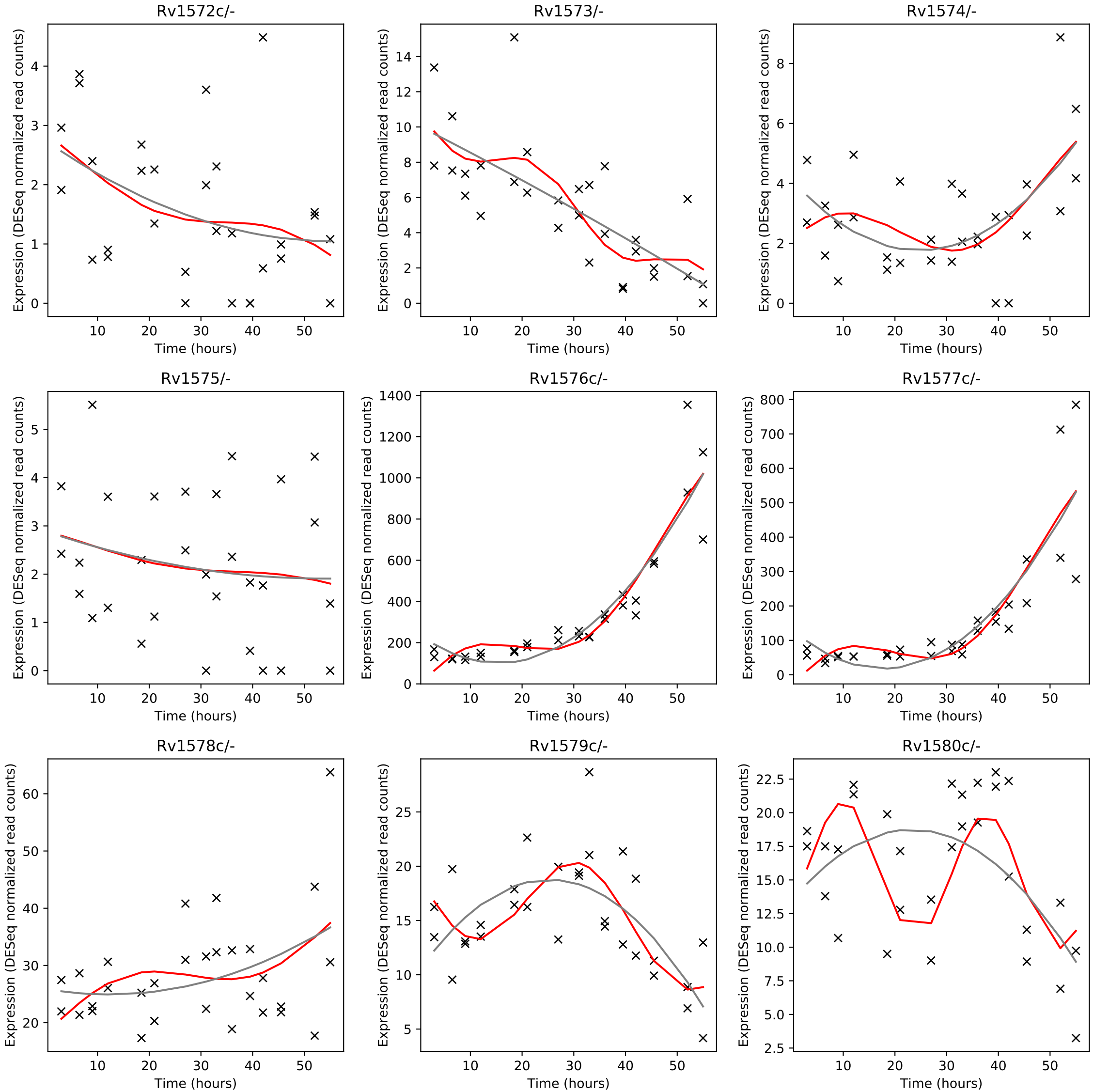

Rv1567c/-
Expression (DESeq normalized read counts)
Time (hours)

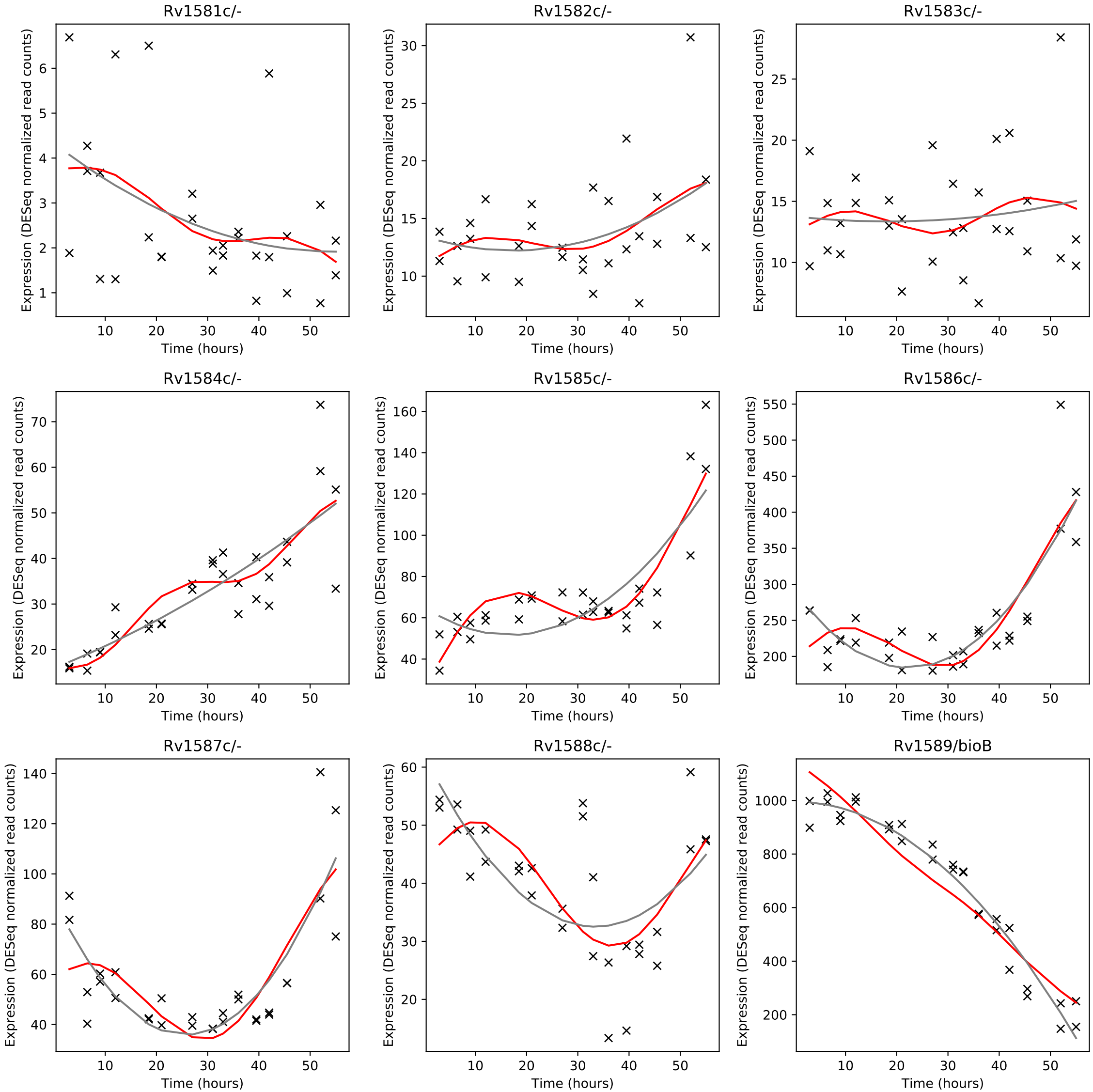

Rv1568/bioA
Expression (DESeq normalized read counts)
Time (hours)

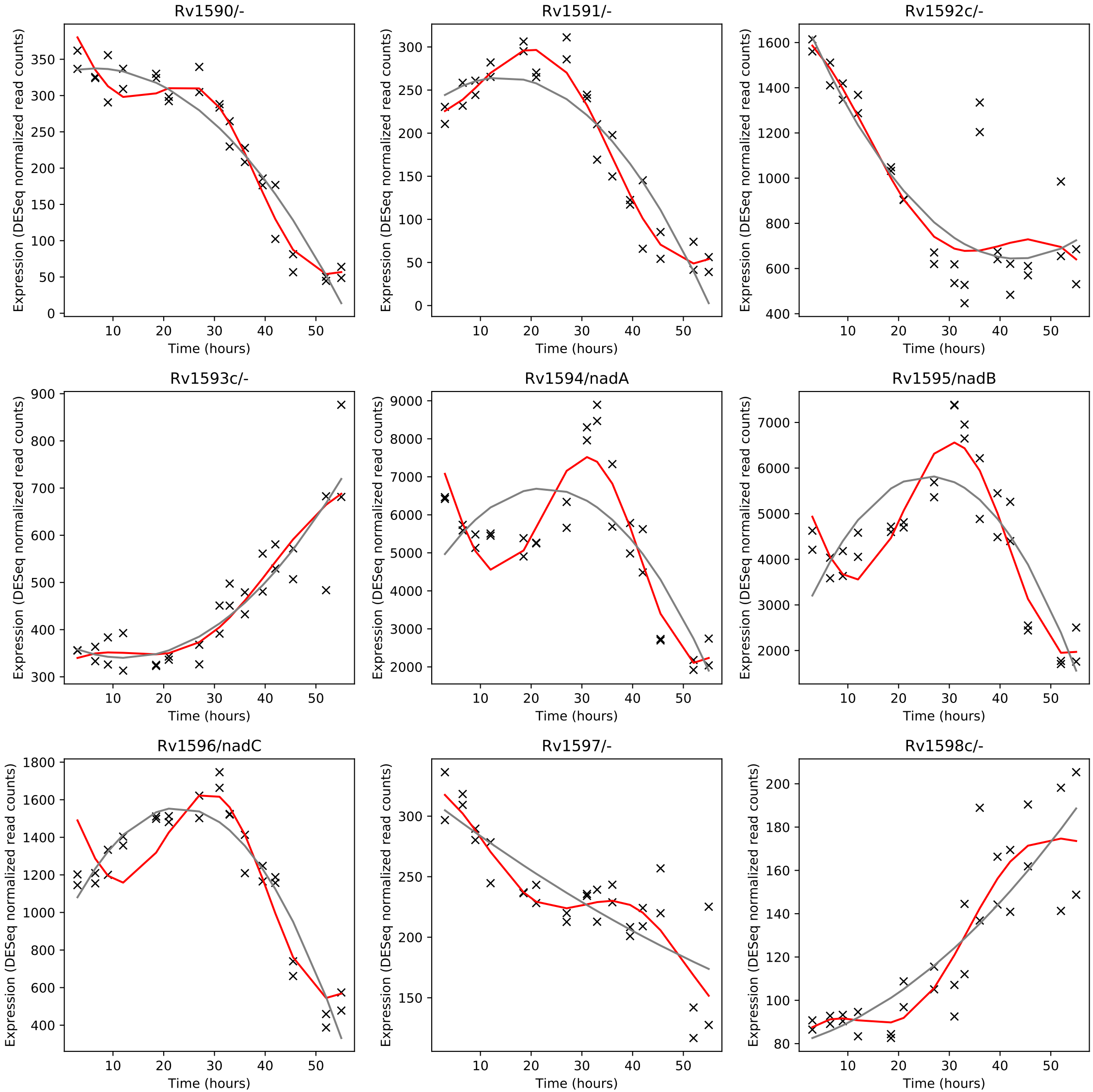

Rv1569/bioF1
Expression (DESeq normalized read counts)
Time (hours)

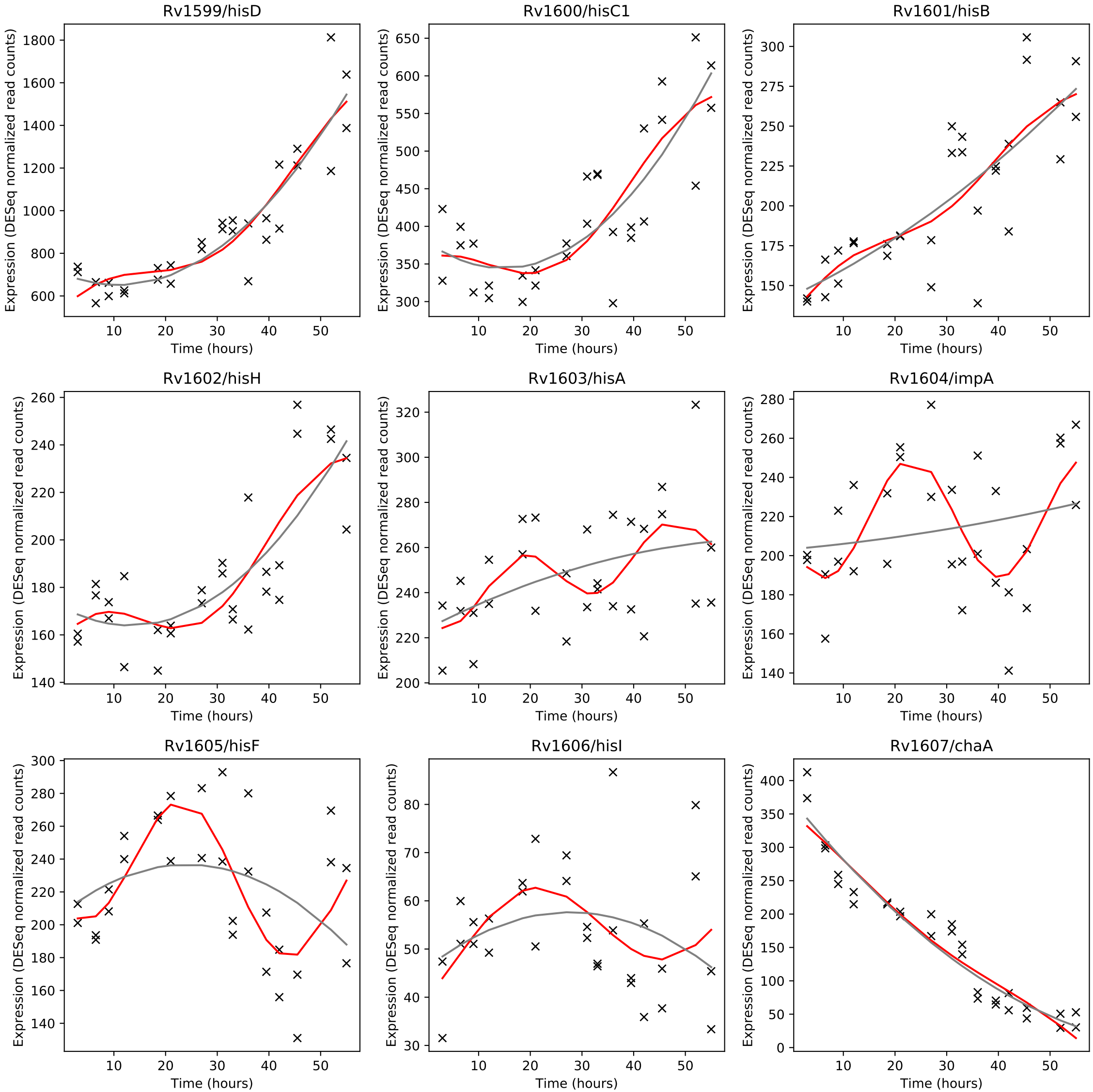

Rv1570/bioD
Expression (DESeq normalized read counts)
Time (hours)

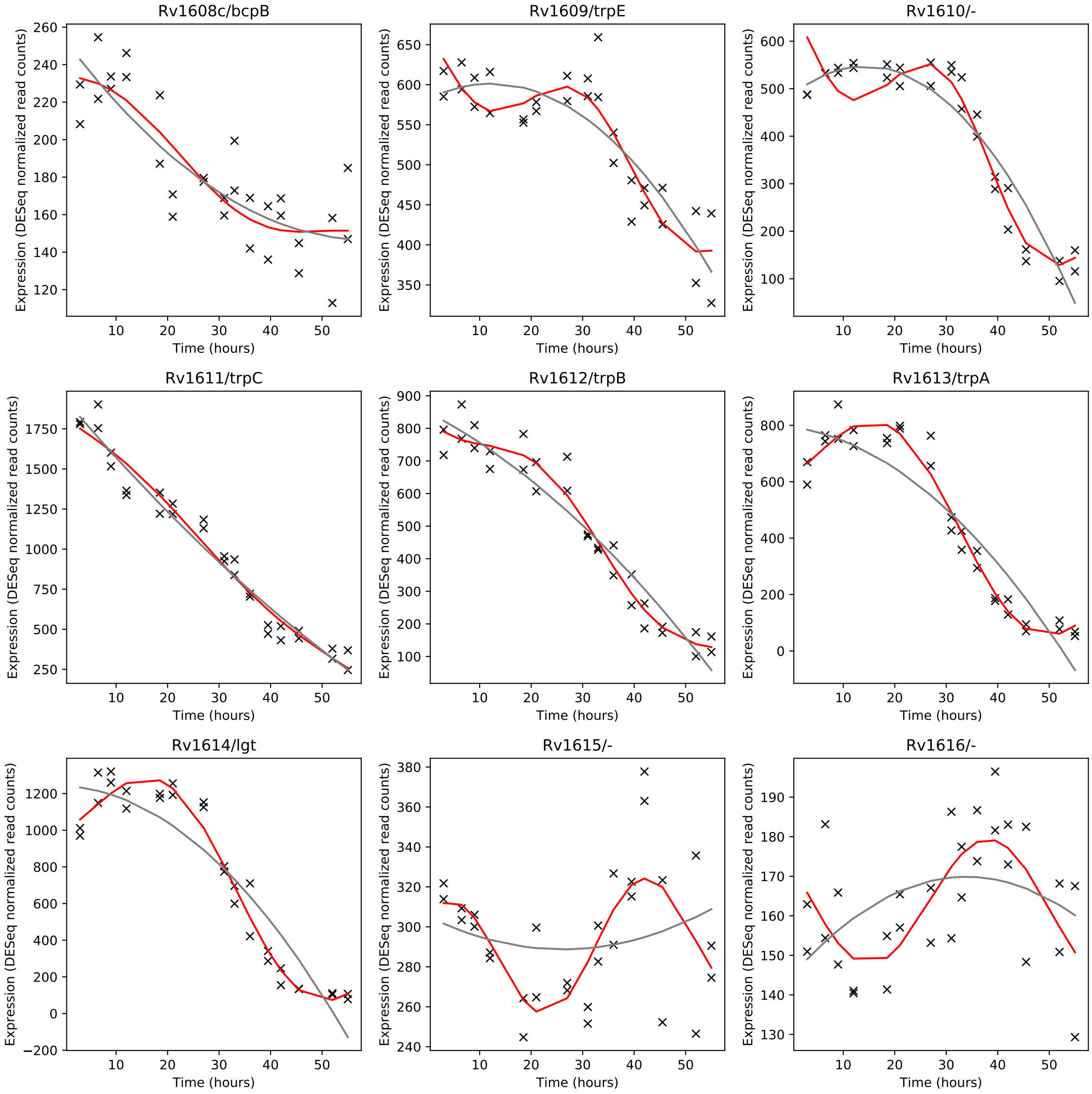

Rv1571/-
Expression (DESeq normalized read counts)
Time (hours)

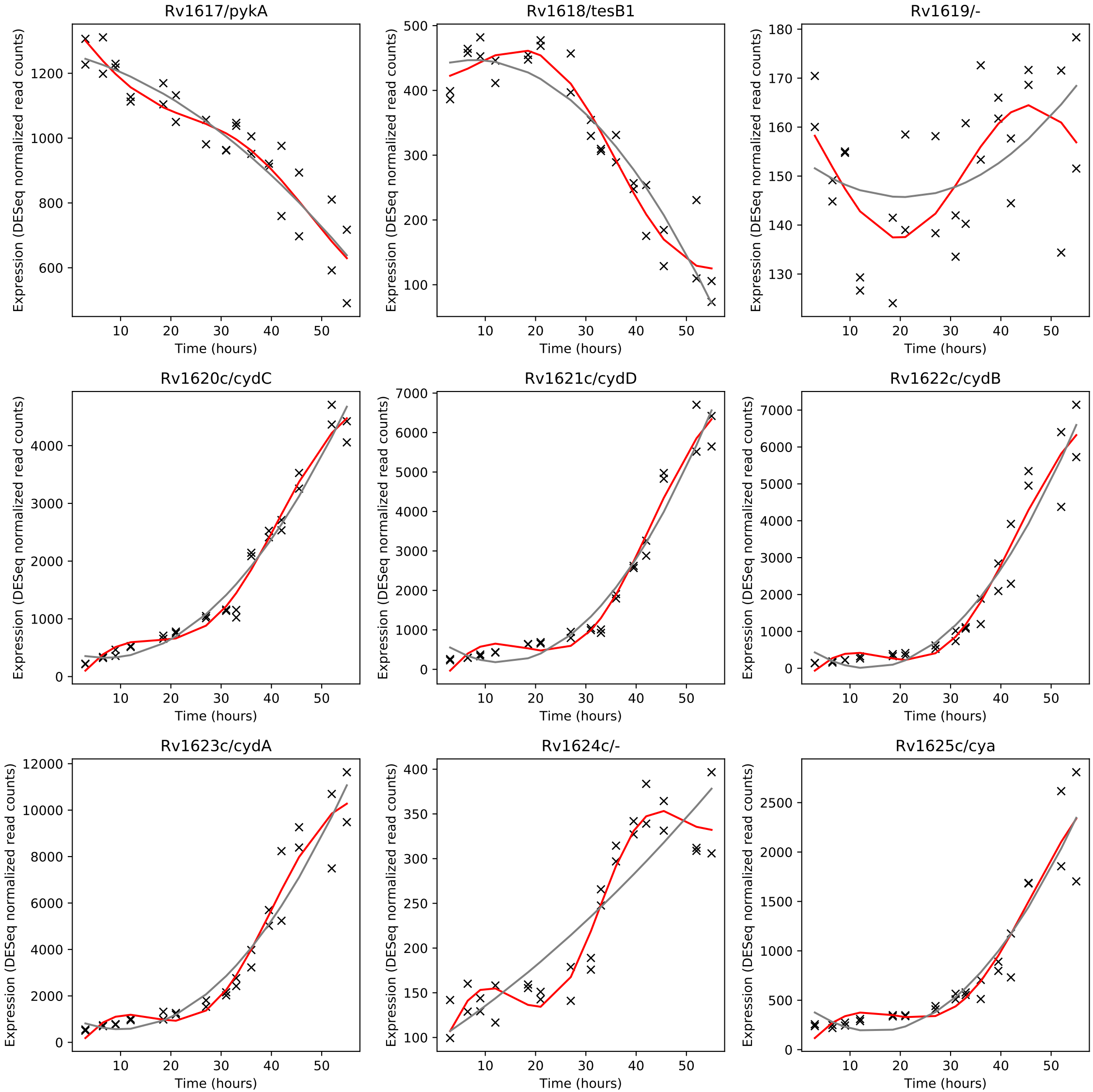

Rv1572c/-
Rv1573/-
Rv1574/-
Rv1575/-
Rv1576c/-
Rv1577c/-
Rv1578c/-
Rv1579c/-
Rv1580c/-
Expression (DESeq normalized read counts)
Time (hours)

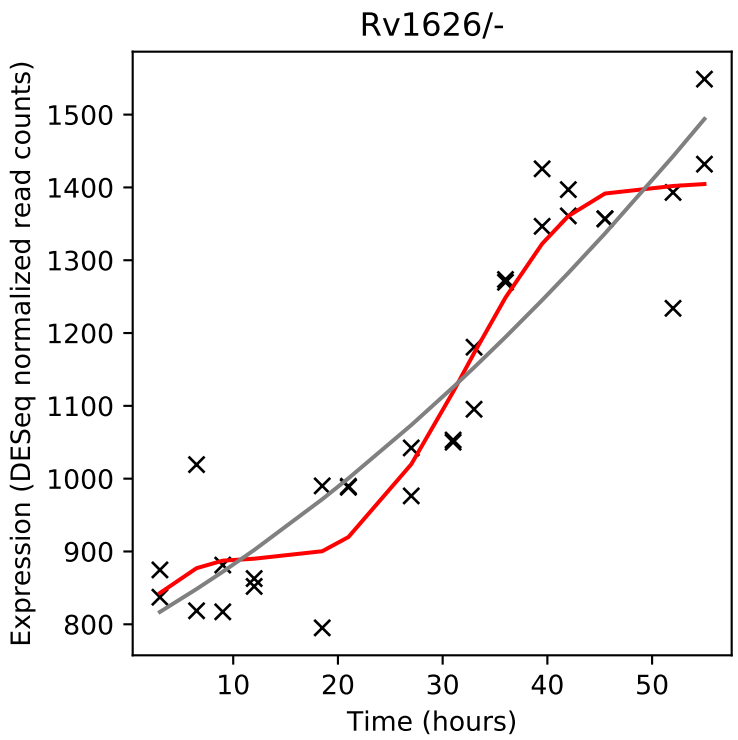

Rv1581c/-
Rv1582c/-
Rv1583c/-
Rv1584c/-
Rv1585c/-
Rv1586c/-
Rv1587c/-
Rv1588c/-
Rv1589/bioB
Expression (DESeq normalized read counts)
Time (hours)

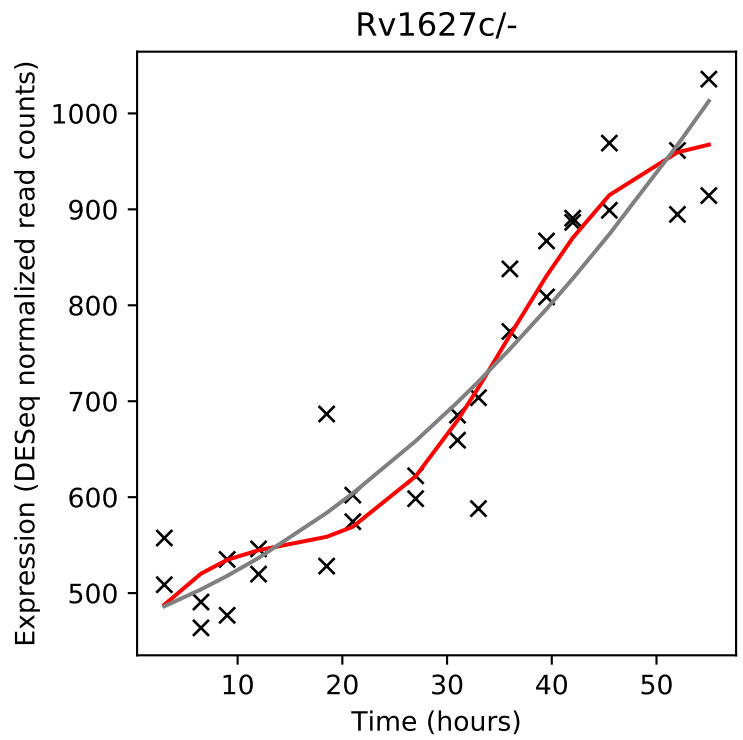

Rv1590/-
Rv1591/-
Rv1592c/-
Rv1593c/-
Rv1594/nadA
Rv1595/nadB
Rv1596/nadC
Rv1597/-
Rv1598c/-
Expression (DESeq normalized read counts)
Time (hours)

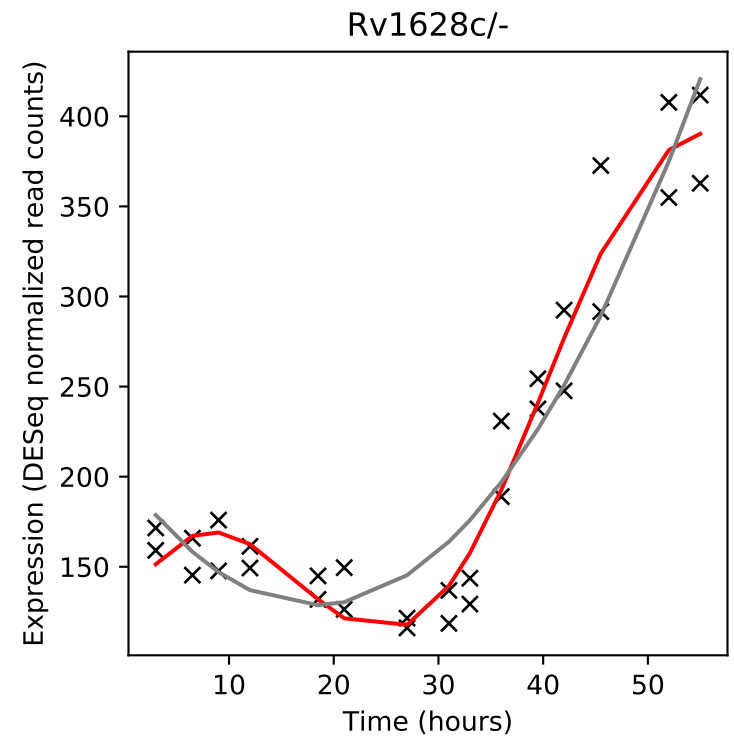

Rv1599/hisD
Rv1600/hisC1
Rv1601/hisB
Rv1602/hisH
Rv1603/hisA
Rv1604/impA
Rv1605/hisF
Rv1606/hisI
Rv1607/chaA
Expression (DESeq normalized read counts)
Time (hours)

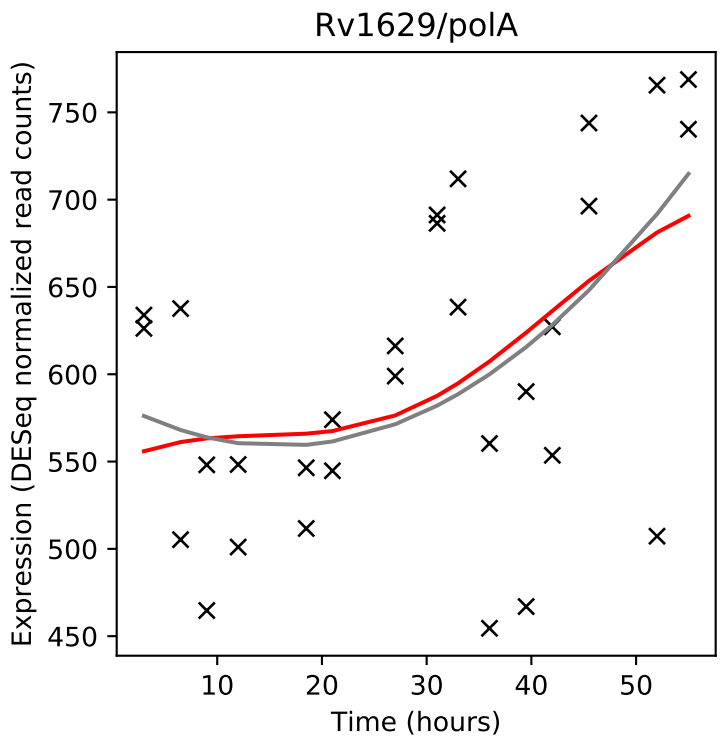

Rv1608c/bcpB
Rv1609/trpE
Rv1610/-
Rv1611/trpC
Rv1612/trpB
Rv1613/trpA
Rv1614/lgt
Rv1615/-
Rv1616/-
Expression (DESeq normalized read counts)
Time (hours)

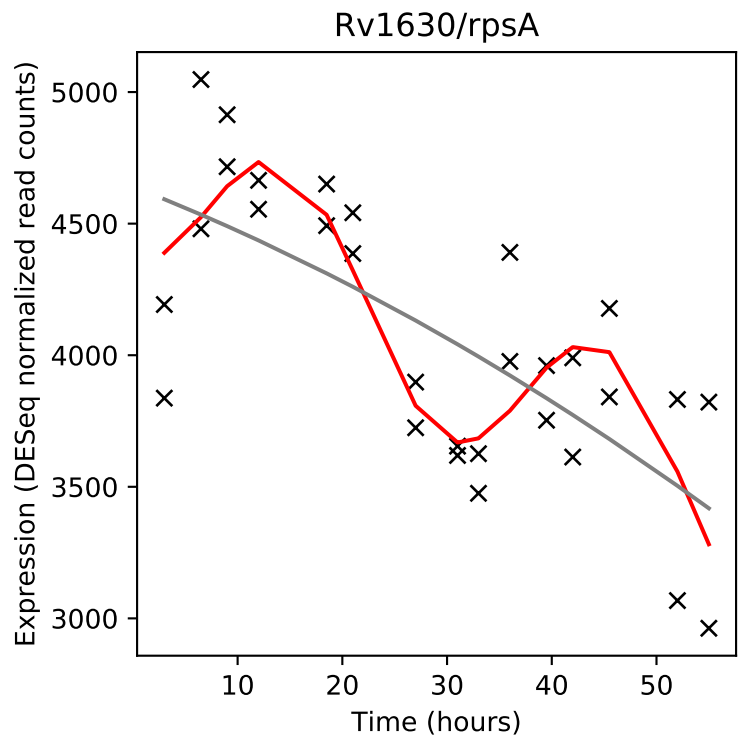

Rv1617/pykA
Rv1618/tesB1
Rv1619/-
Rv1620c/cydC
Rv1621c/cydD
Rv1622c/cydB
Rv1623c/cydA
Rv1624c/-
Rv1625c/cya
Expression (DESeq normalized read counts)
Time (hours)

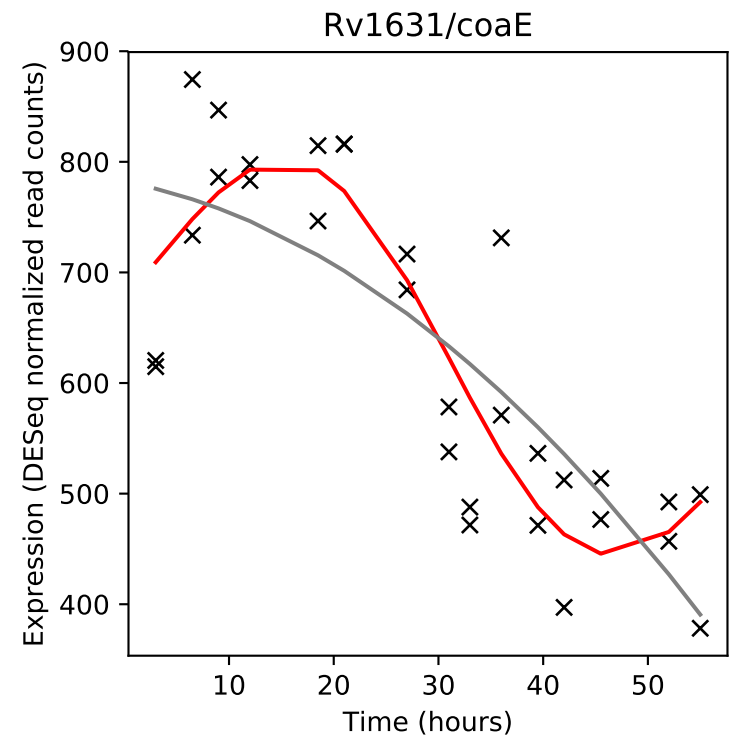

Rv1626/-
Expression (DESeq normalized read counts)
Time (hours)

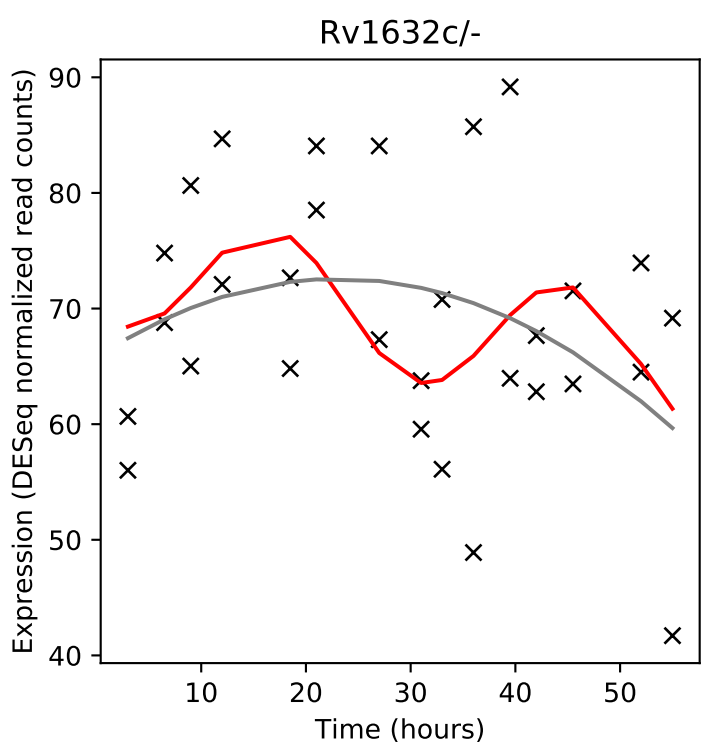

Rv1627c/-
Expression (DESeq normalized read counts)
Time (hours)

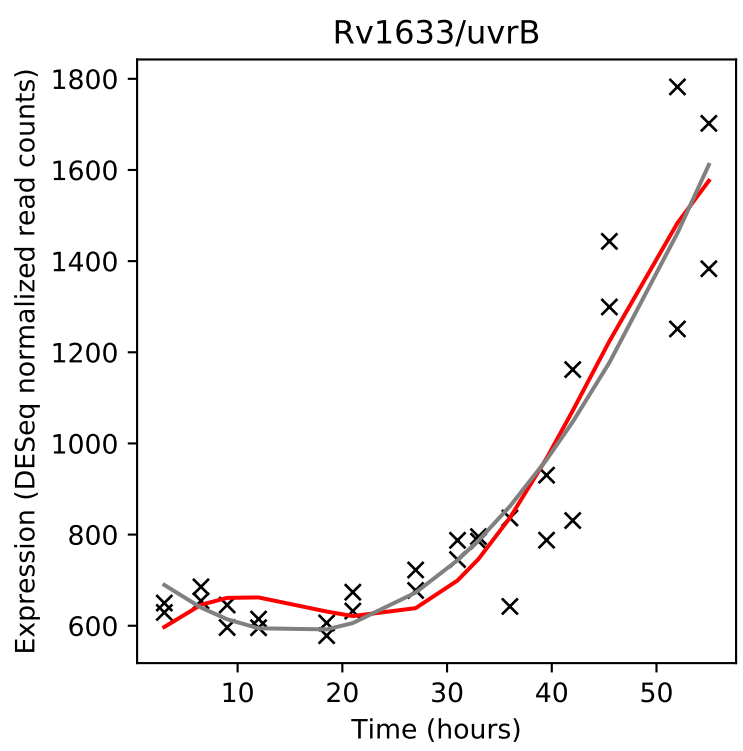

Rv1628c/-
Expression (DESeq normalized read counts)
Time (hours)

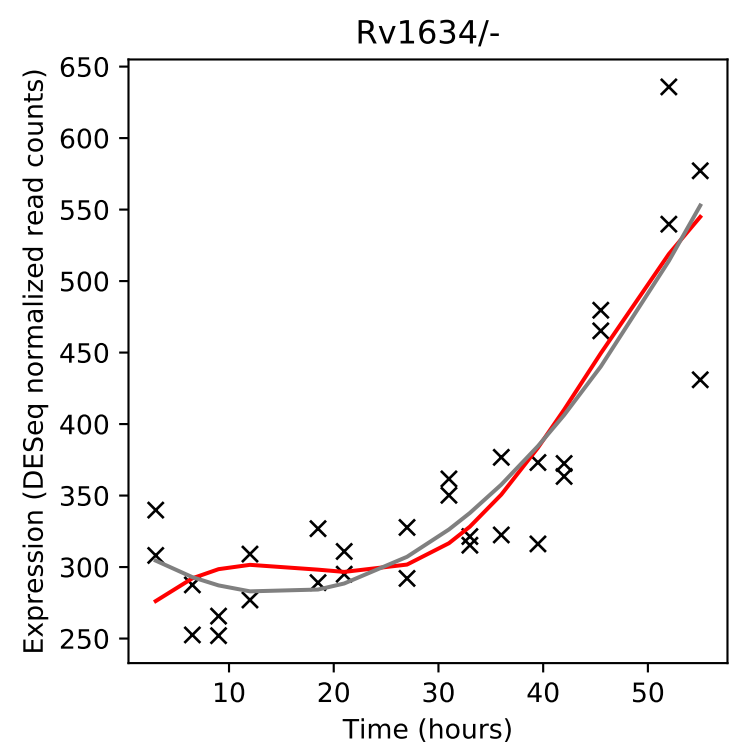

Rv1629/polA
Expression (DESeq normalized read counts)
Time (hours)

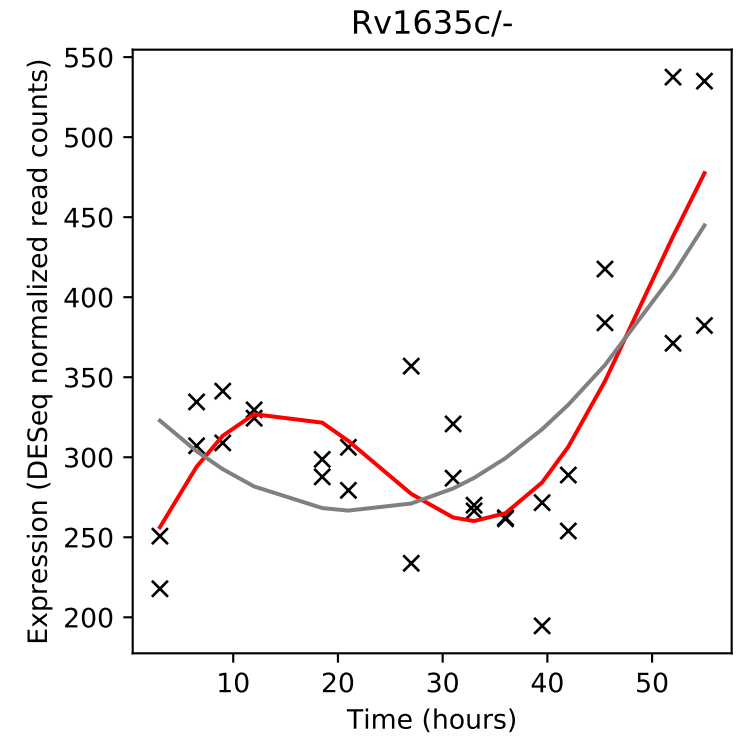

Rv1630/rpsA
Expression (DESeq normalized read counts)
Time (hours)

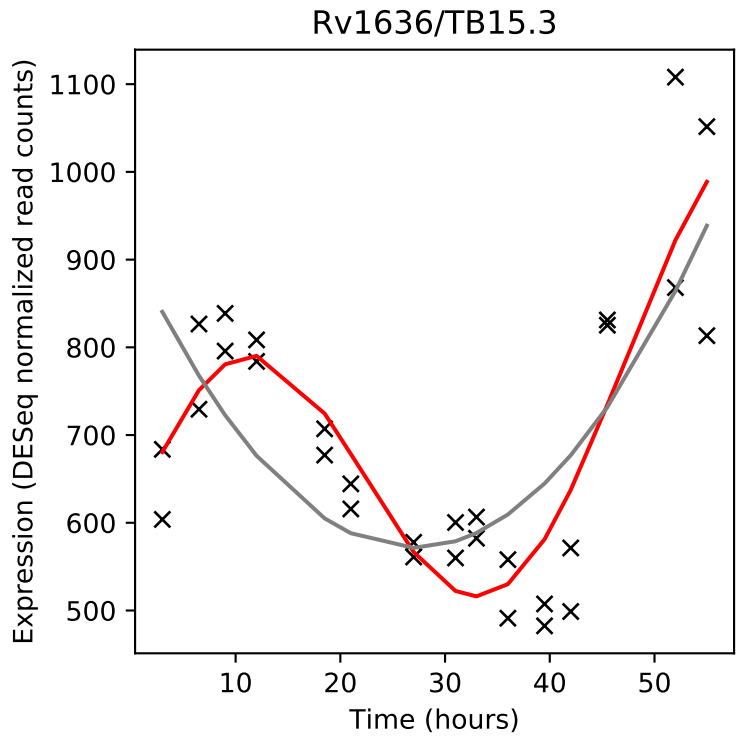

Rv1631/coaE
Expression (DESeq normalized read counts)
Time (hours)

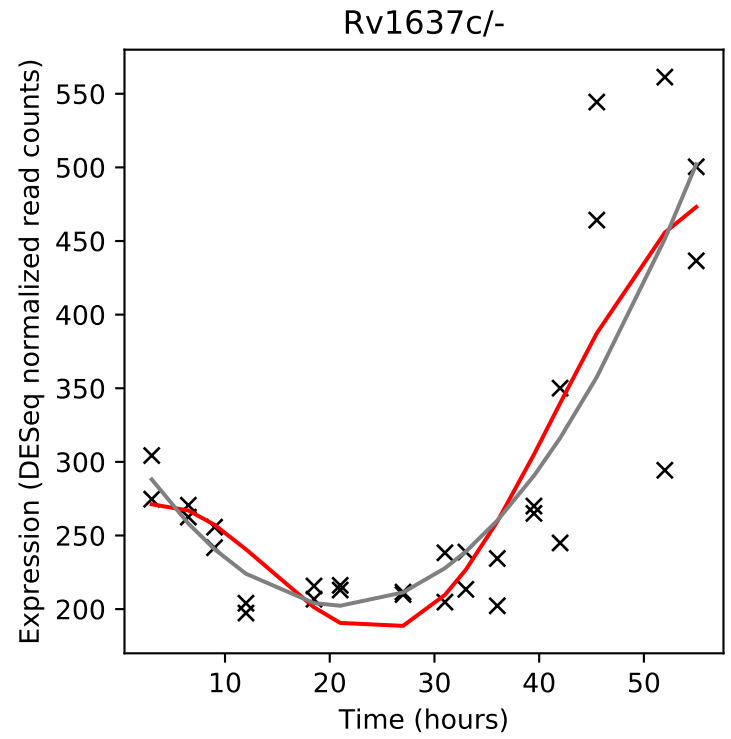

Rv1632c/-
Expression (DESeq normalized read counts)
Time (hours)

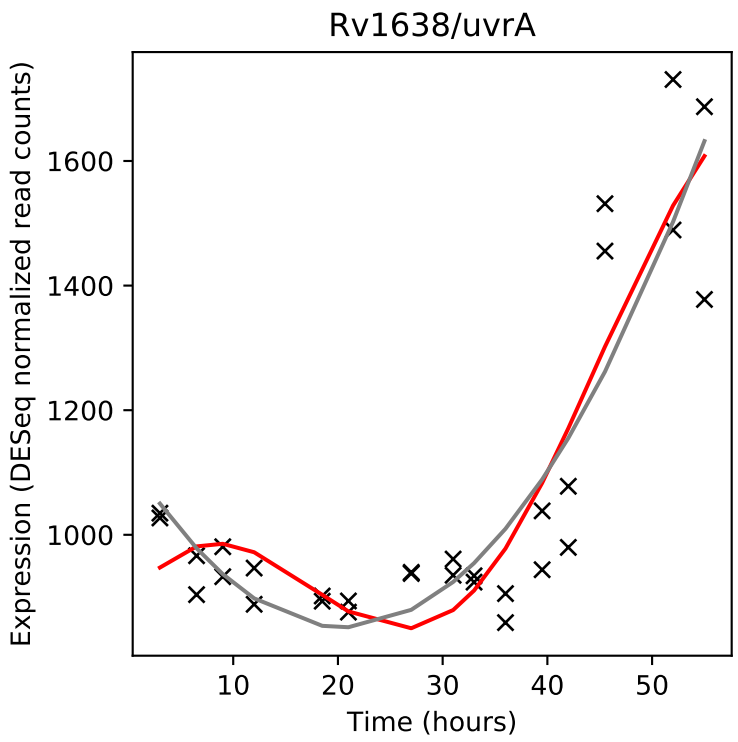

Rv1633/uvrB
Expression (DESeq normalized read counts)
Time (hours)

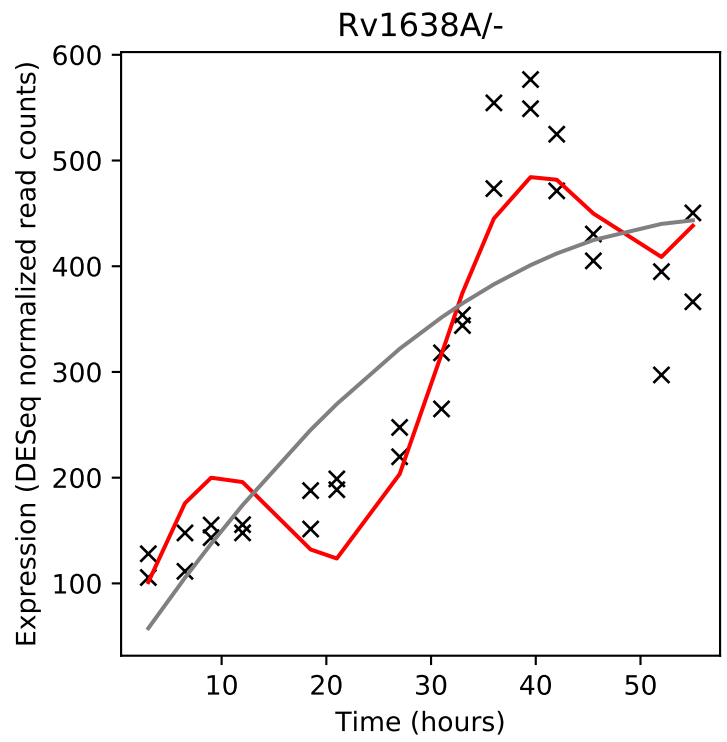

Rv1634/-
Expression (DESeq normalized read counts)
Time (hours)

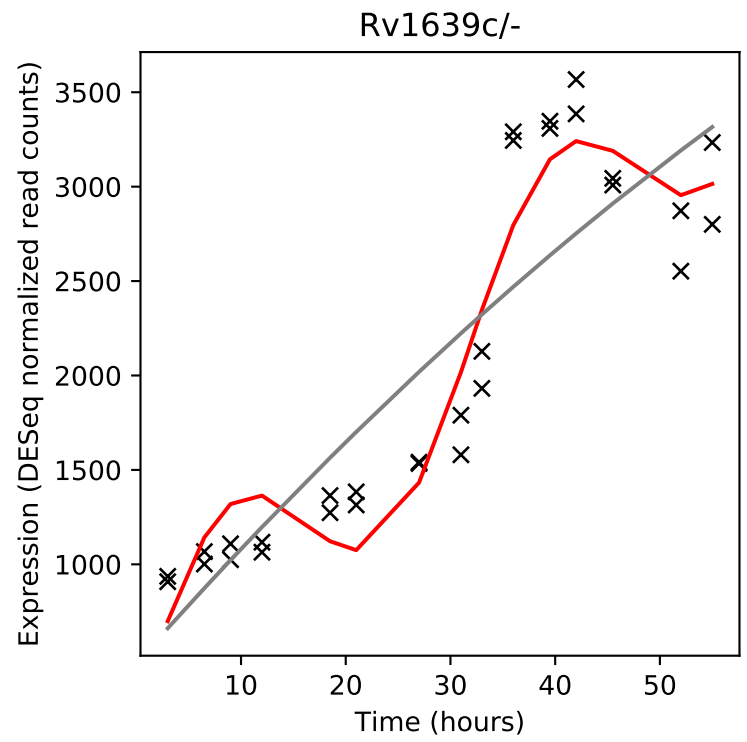

Rv1635c/-
Expression (DESeq normalized read counts)
Time (hours)

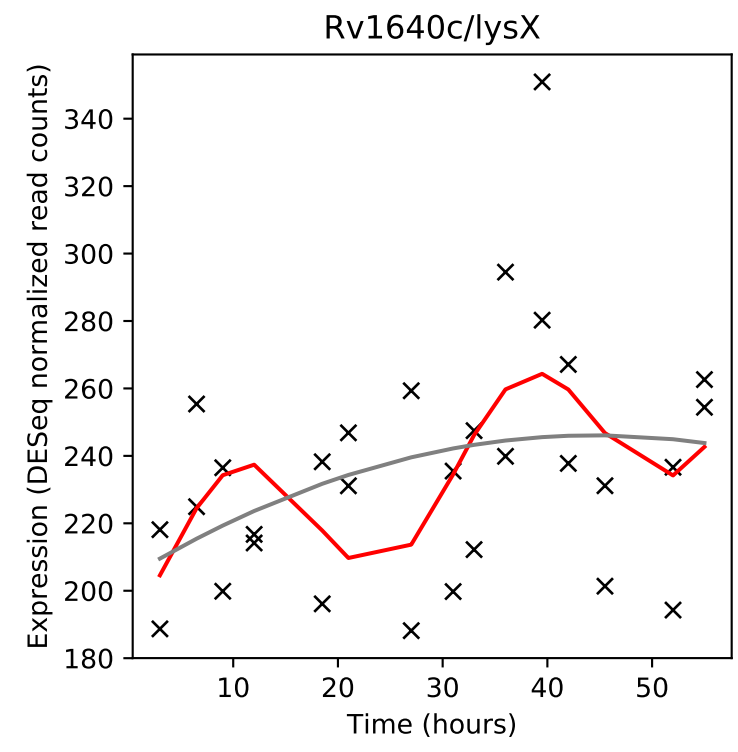

Rv1636/TB15.3
Expression (DESeq normalized read counts)
Time (hours)

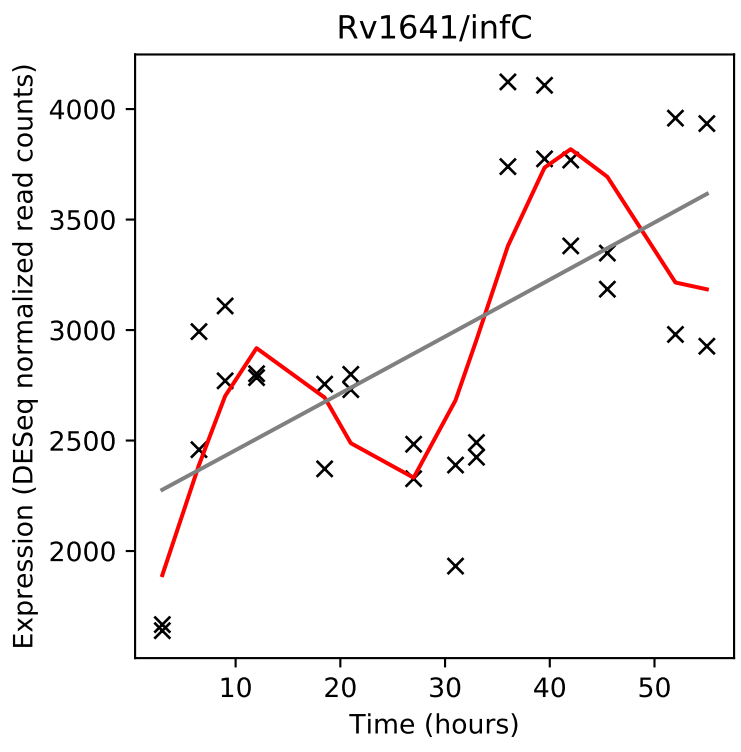

Rv1637c/-
Expression (DESeq normalized read counts)
Time (hours)

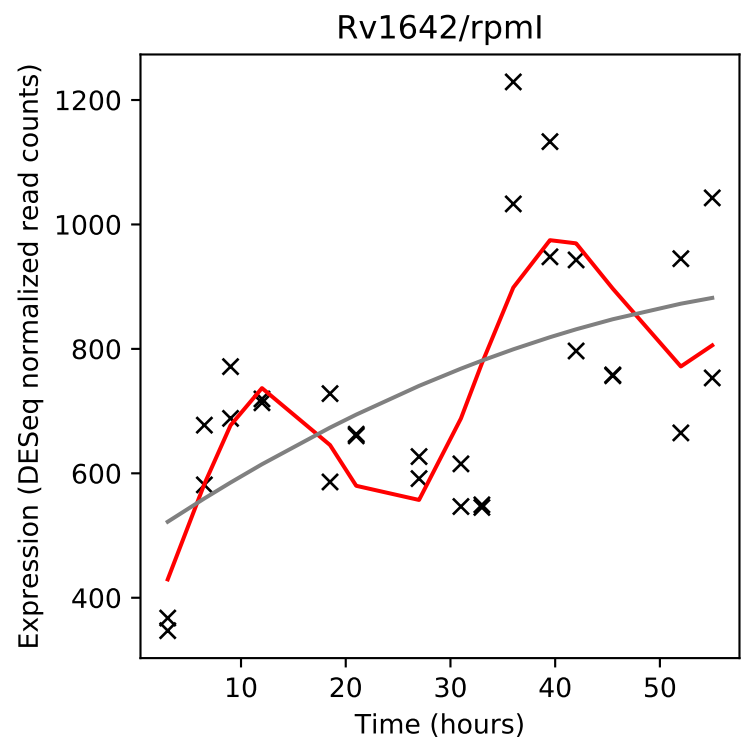

Rv1638/uvrA
Expression (DESeq normalized read counts)
Time (hours)

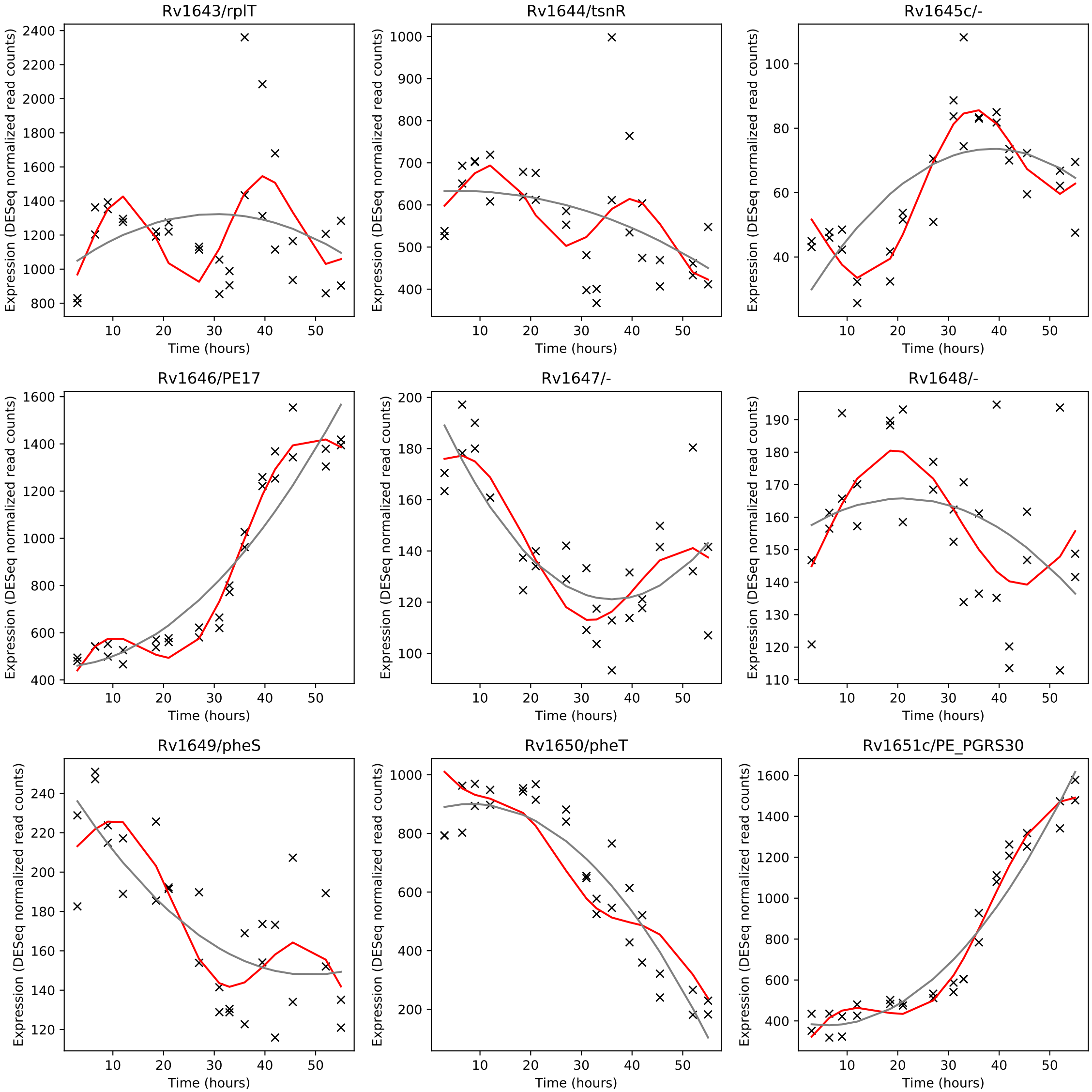

Rv1638A/-
Expression (DESeq normalized read counts)
Time (hours)

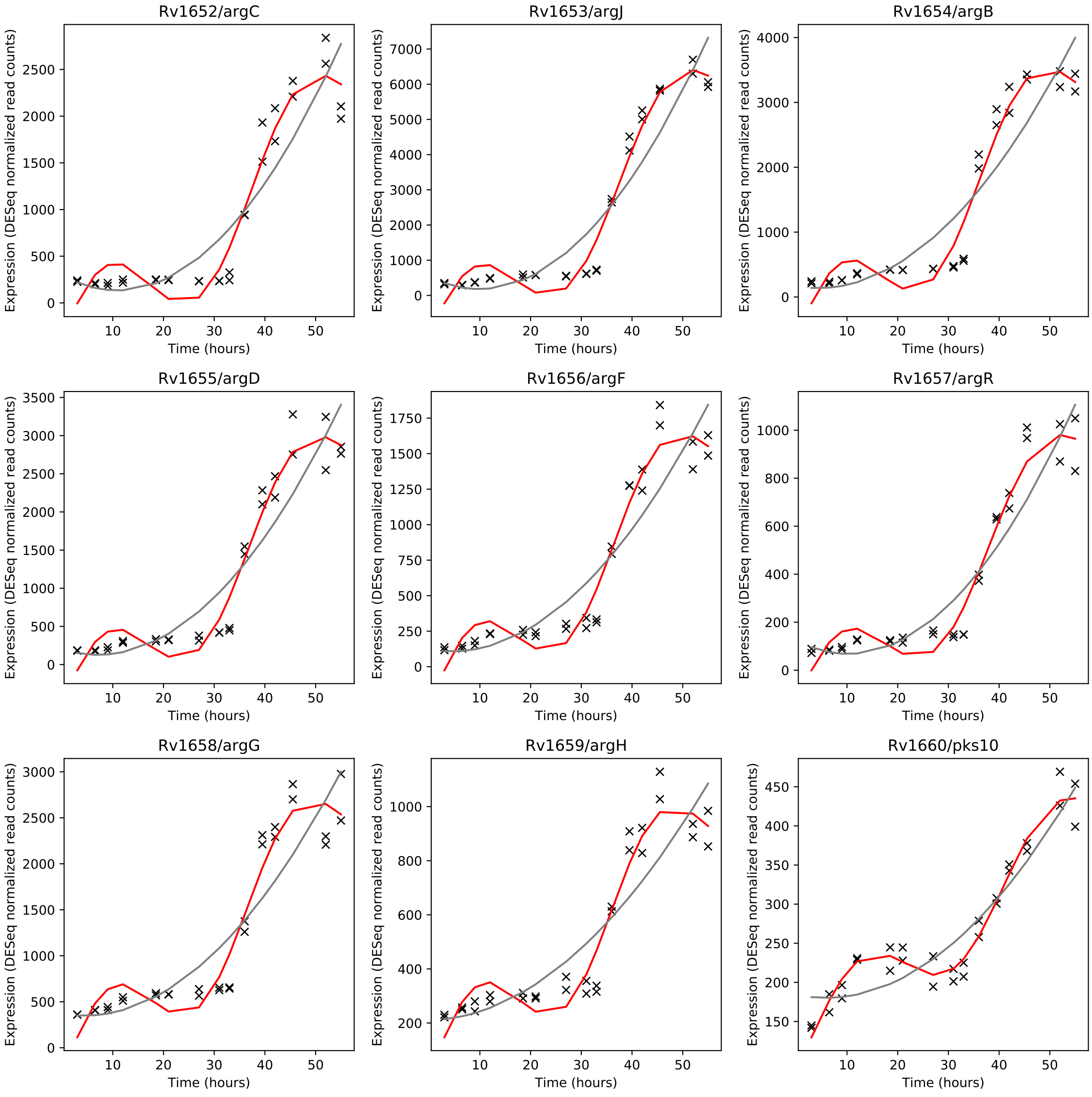

Rv1639c/-
Expression (DESeq normalized read counts)
Time (hours)

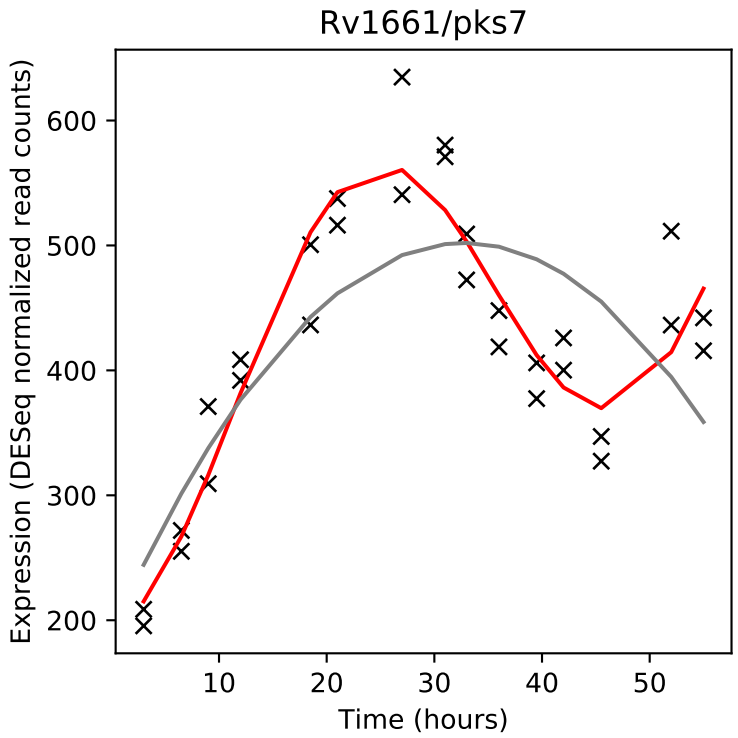

Rv1640c/lysX
Expression (DESeq normalized read counts)
Time (hours)

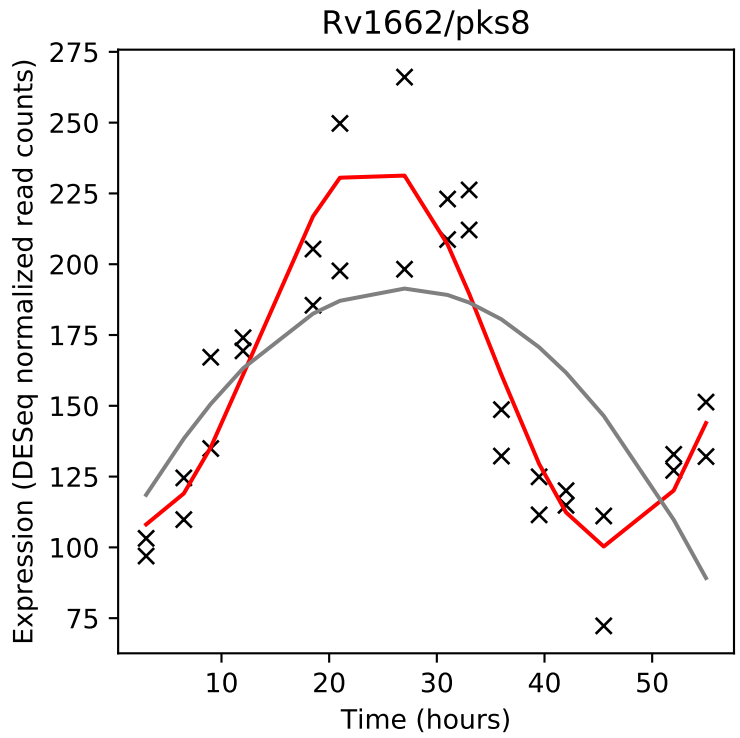

Rv1641/infC
Expression (DESeq normalized read counts)
Time (hours)

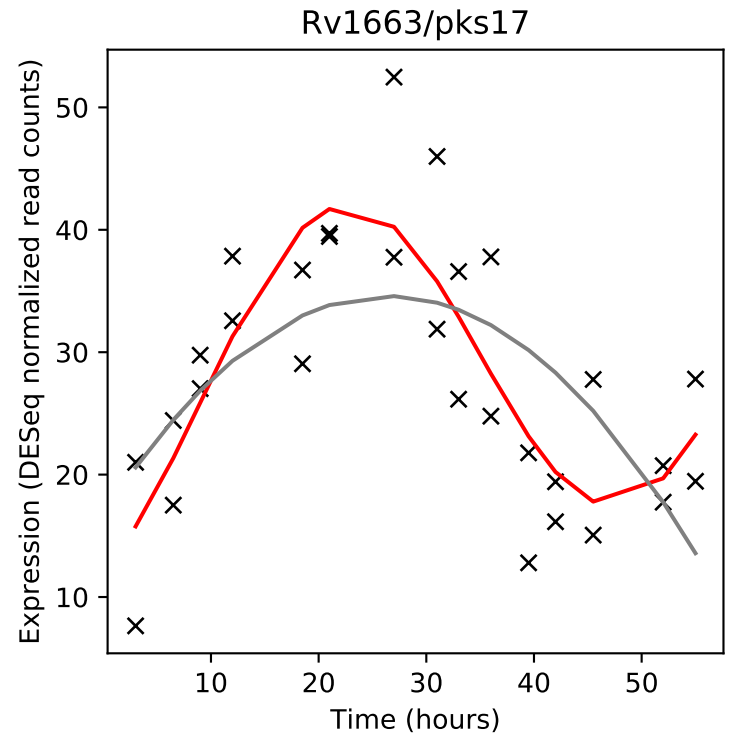

Rv1642/rpmI
Expression (DESeq normalized read counts)
Time (hours)

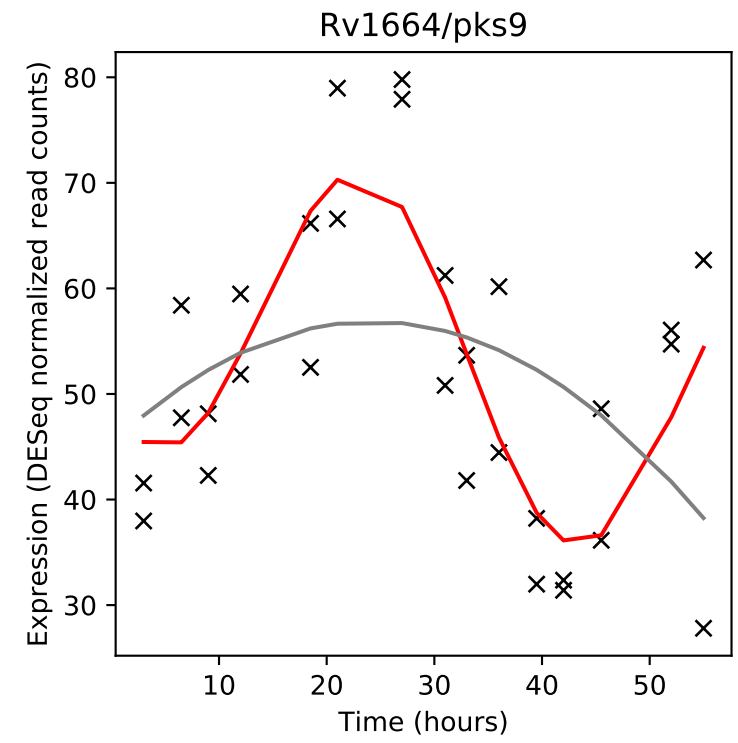

Rv1643/rplT
Rv1644/tsnR
Rv1645c/-
Rv1646/PE17
Rv1647/-
Rv1648/-
Rv1649/pheS
Rv1650/pheT
Rv1651c/PE_PGRS30
Expression (DESeq normalized read counts)
Time (hours)

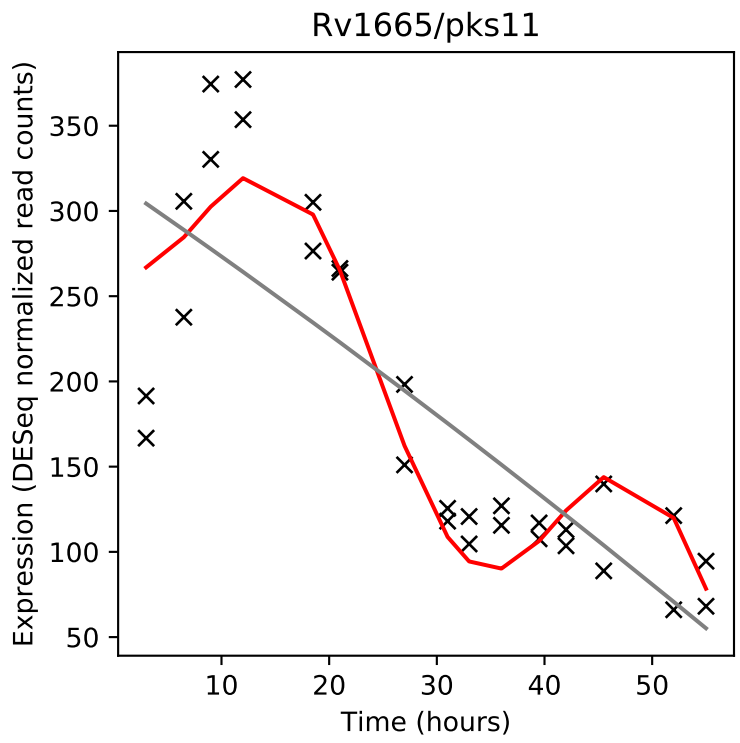

Rv1652/argC
Rv1653/argJ
Rv1654/argB
Rv1655/argD
Rv1656/argF
Rv1657/argR
Rv1658/argG
Rv1659/argH
Rv1660/pks10
Expression (DESeq normalized read counts)
Time (hours)

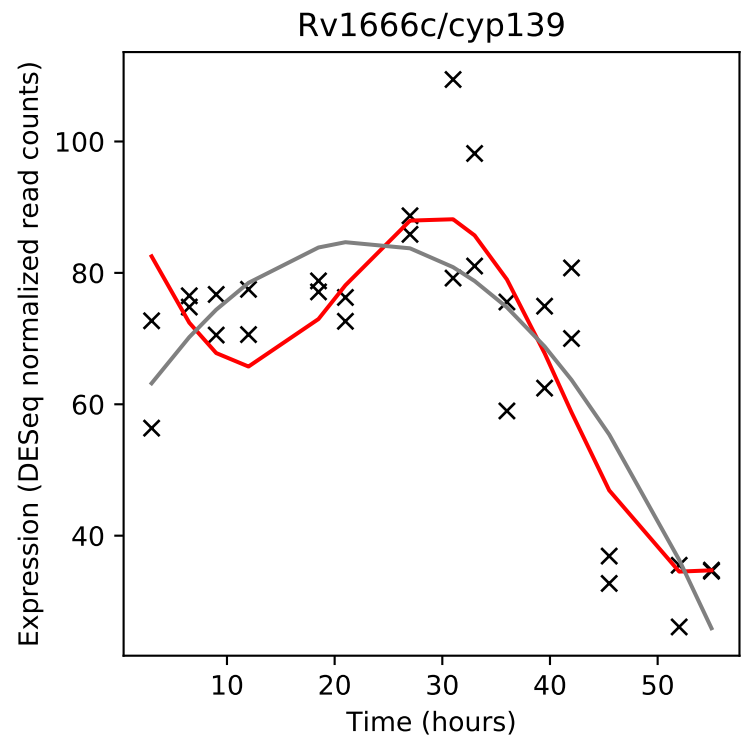

Rv1661/pks7
Expression (DESeq normalized read counts)
Time (hours)

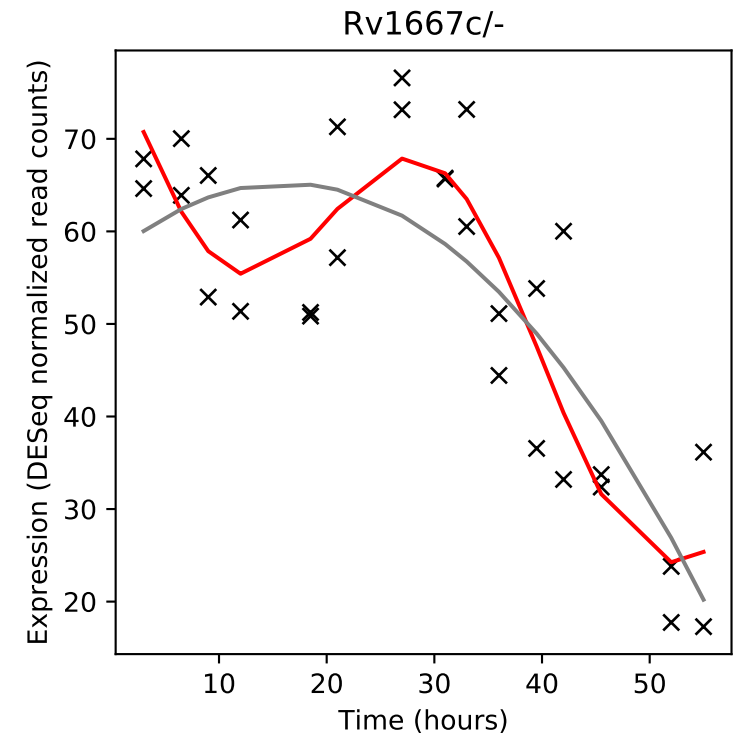

Rv1662/pks8
Expression (DESeq normalized read counts)
Time (hours)

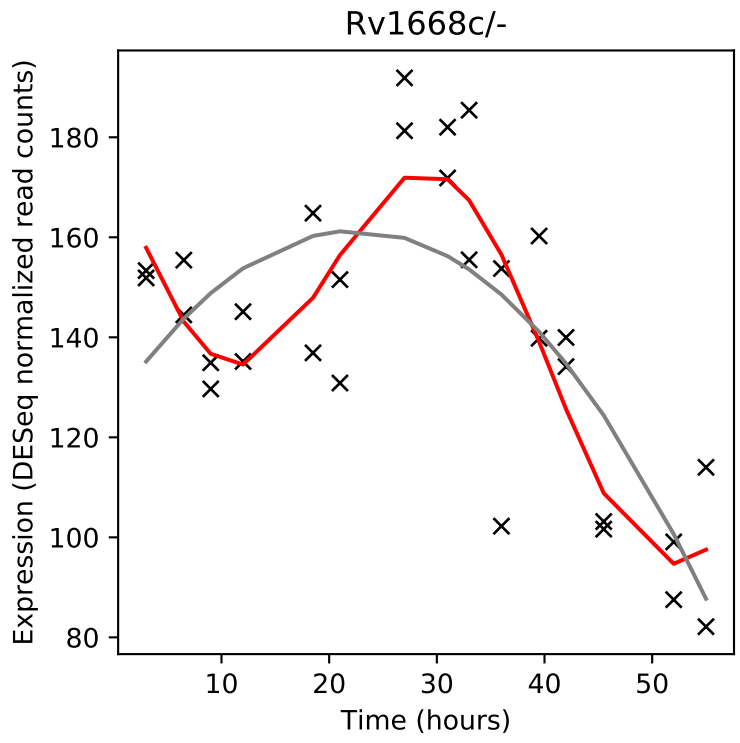

Rv1663/pks17
Expression (DESeq normalized read counts)
Time (hours)

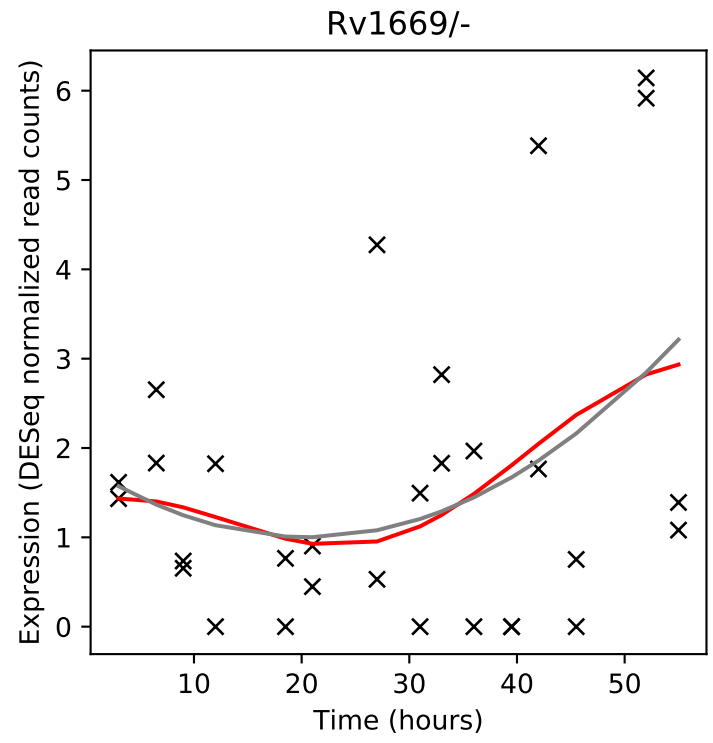

Rv1664/pks9
Expression (DESeq normalized read counts)
Time (hours)

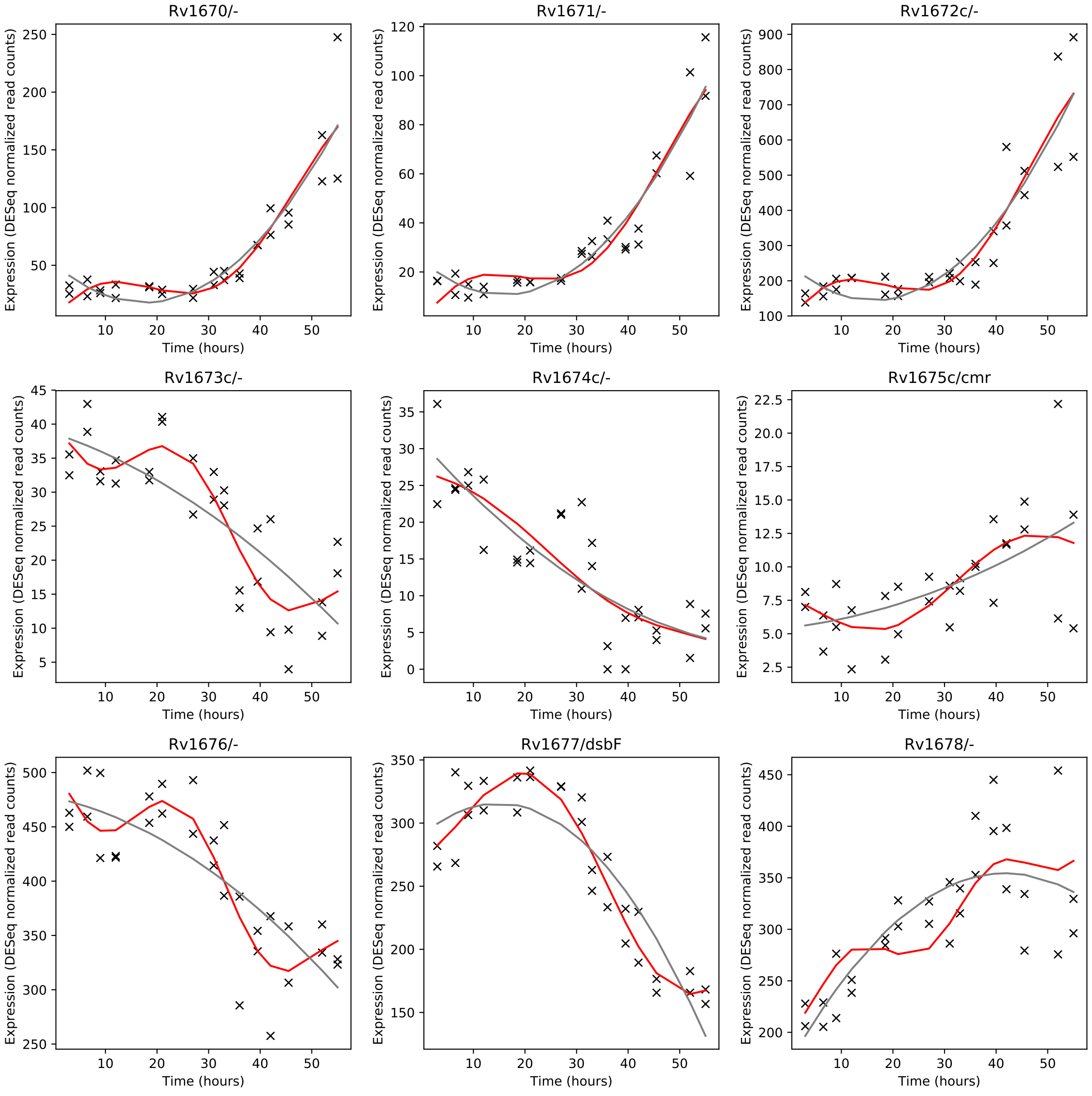

Rv1665/pks11
Expression (DESeq normalized read counts)
Time (hours)

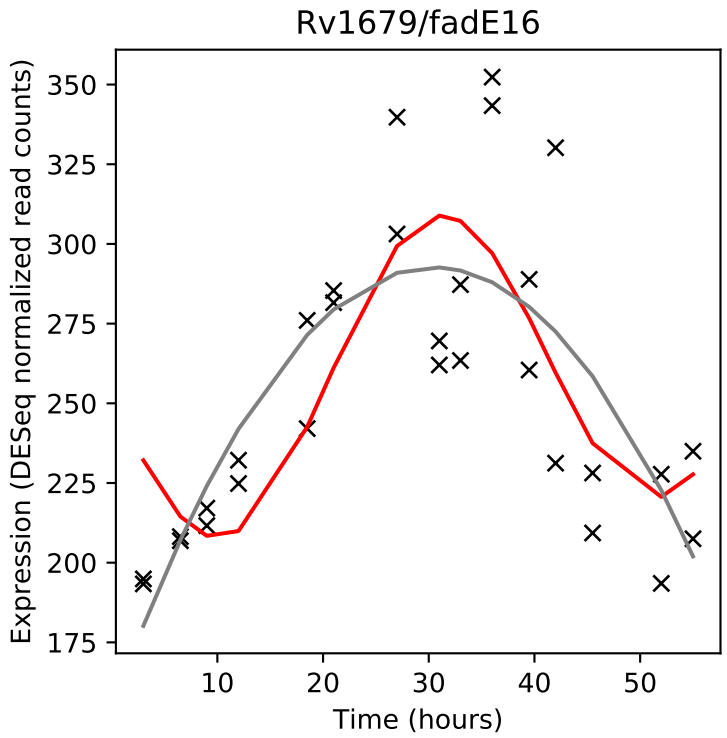

Rv1666c/cyp139
Expression (DESeq normalized read counts)
Time (hours)

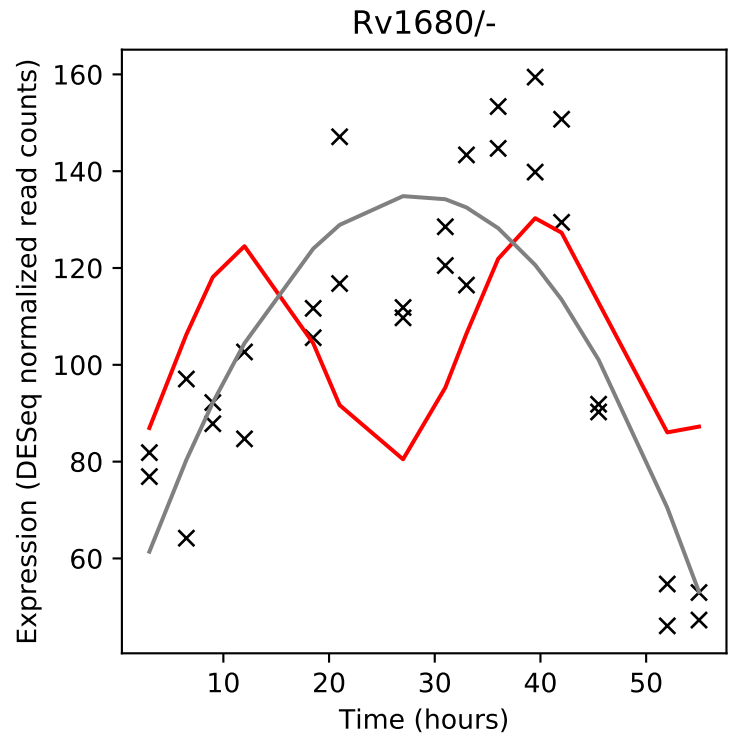

Rv1667c/-
Expression (DESeq normalized read counts)
Time (hours)

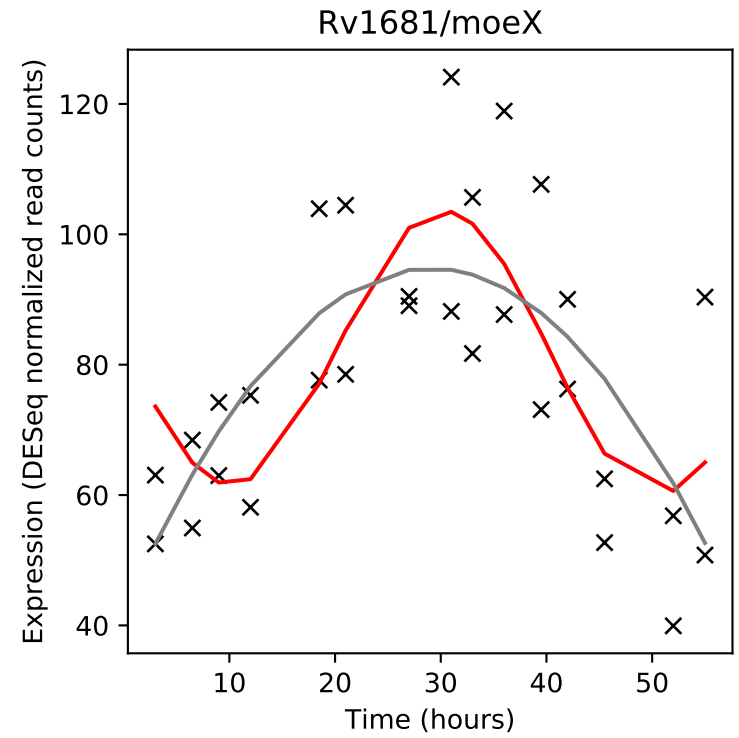

Rv1668c/-
Expression (DESeq normalized read counts)
Time (hours)

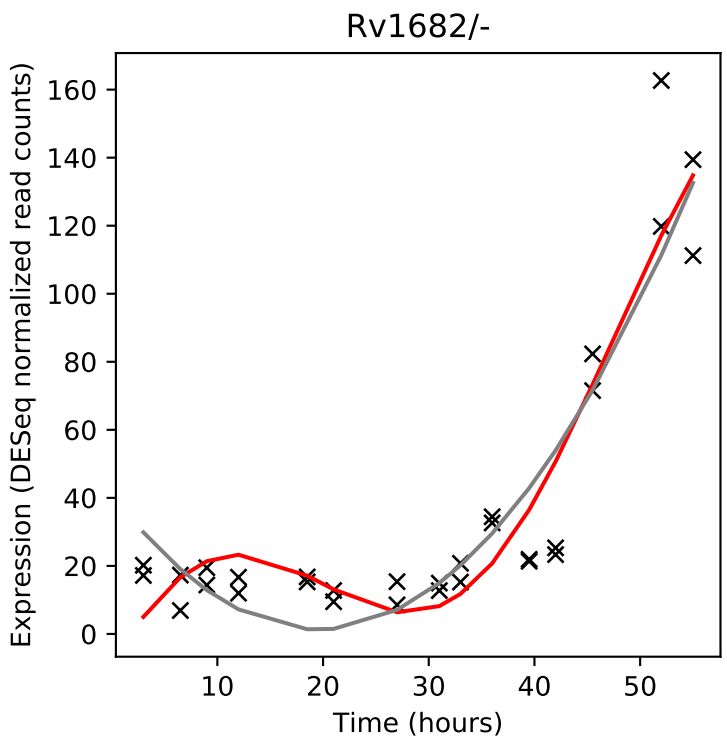

Rv1669/-
Expression (DESeq normalized read counts)
Time (hours)

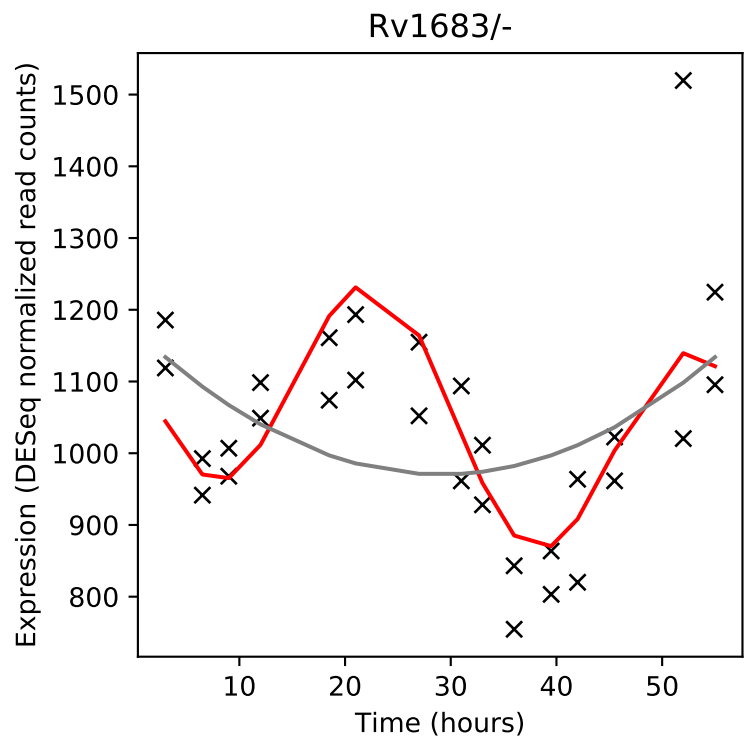

Rv1670/-
Rv1671/-
Rv1672c/-
Rv1673c/-
Rv1674c/-
Rv1675c/cmr
Rv1676/-
Rv1677/dsbF
Rv1678/-
Expression (DESeq normalized read counts)
Time (hours)

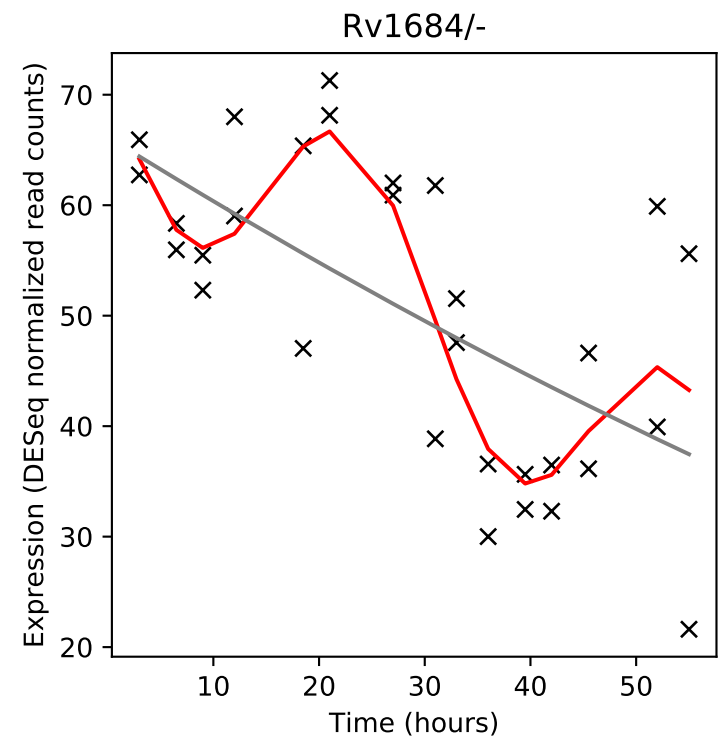

Rv1679/fadE16
Expression (DESeq normalized read counts)
Time (hours)

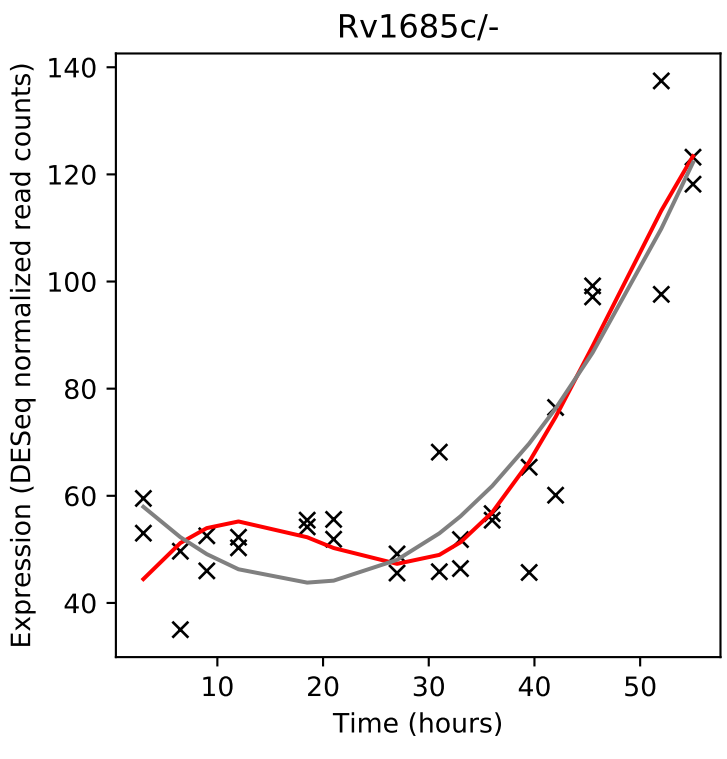

Rv1680/-
Expression (DESeq normalized read counts)
Time (hours)

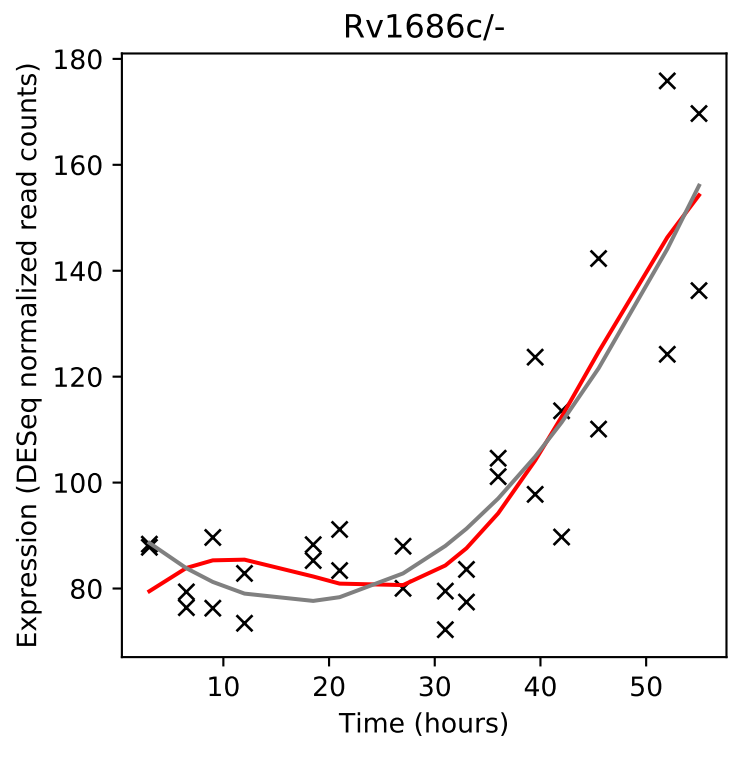

Rv1681/moeX
Expression (DESeq normalized read counts)
Time (hours)

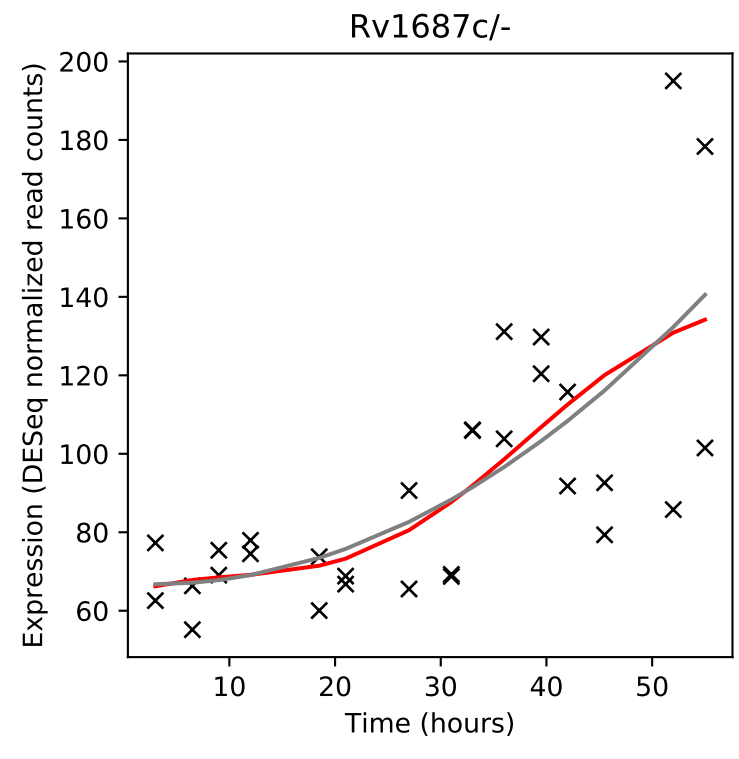

Rv1682/-
Expression (DESeq normalized read counts)
Time (hours)

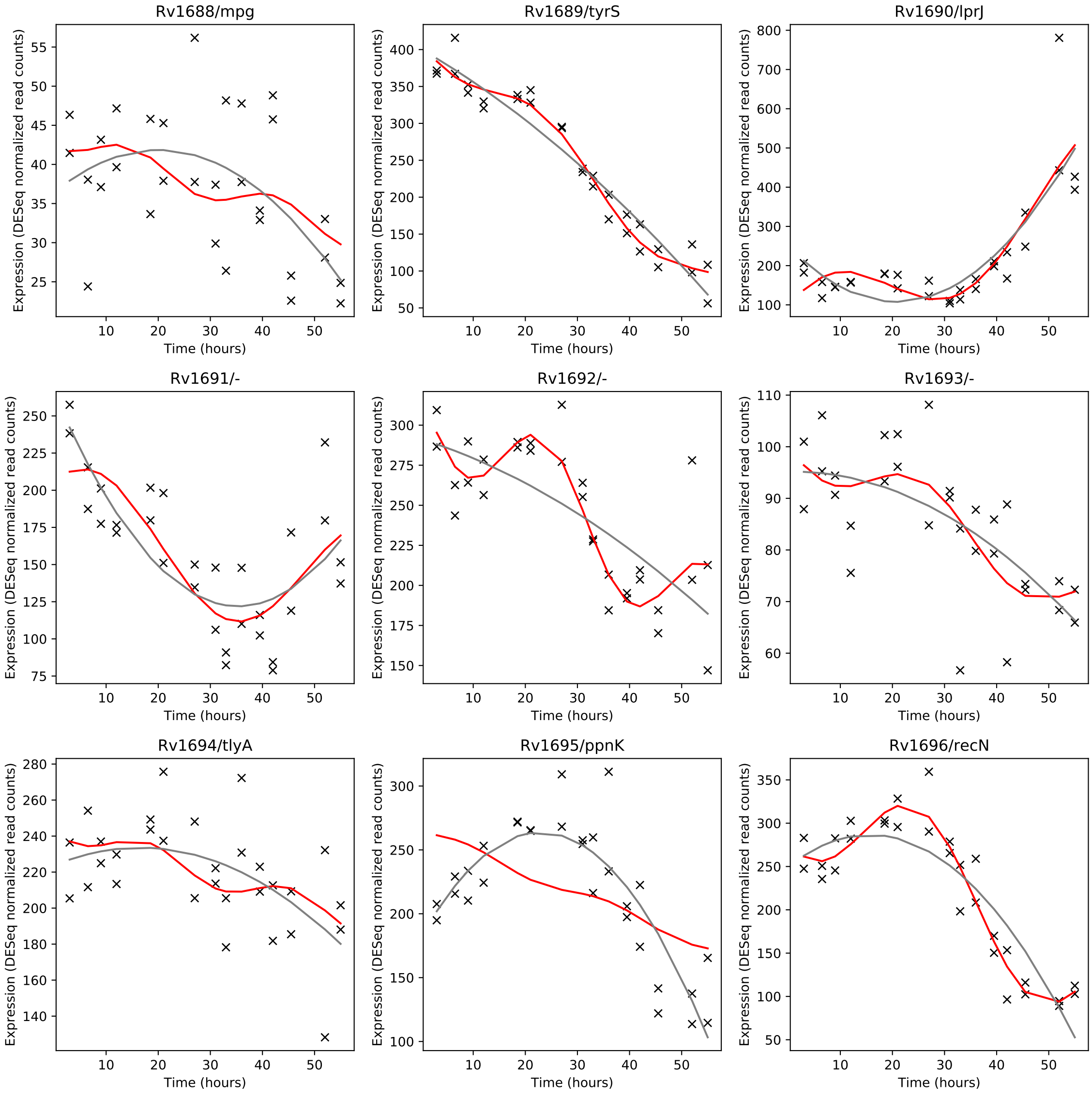

Rv1683/-
Expression (DESeq normalized read counts)
Time (hours)

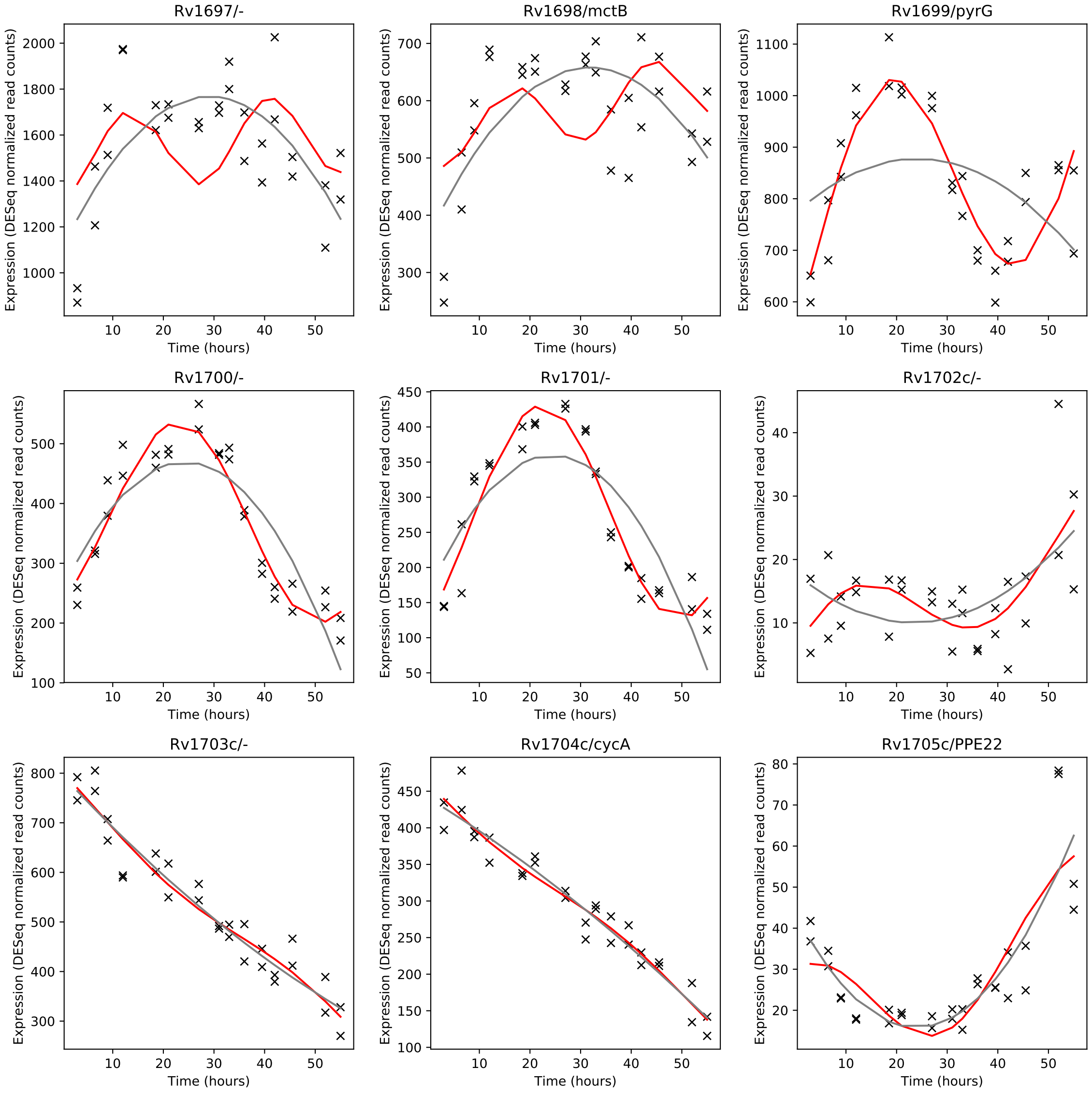

Rv1684/-
Expression (DESeq normalized read counts)
Time (hours)

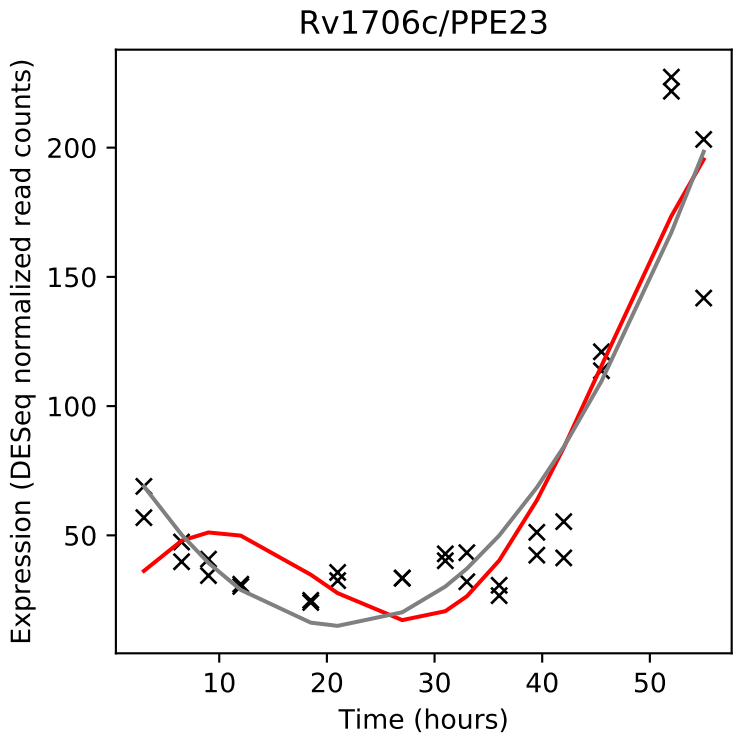

Rv1685c/-
Expression (DESeq normalized read counts)
Time (hours)

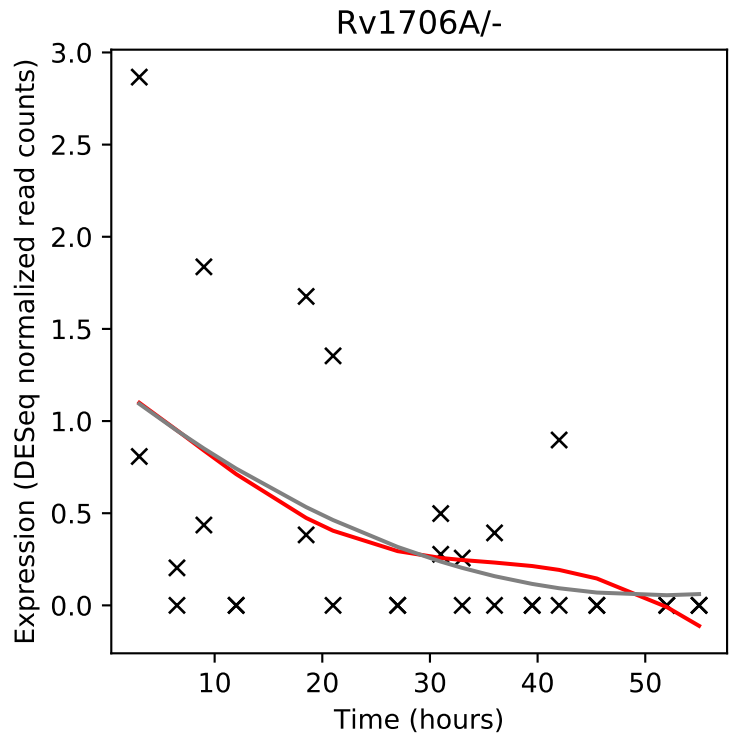

Rv1686c/-
Expression (DESeq normalized read counts)
Time (hours)

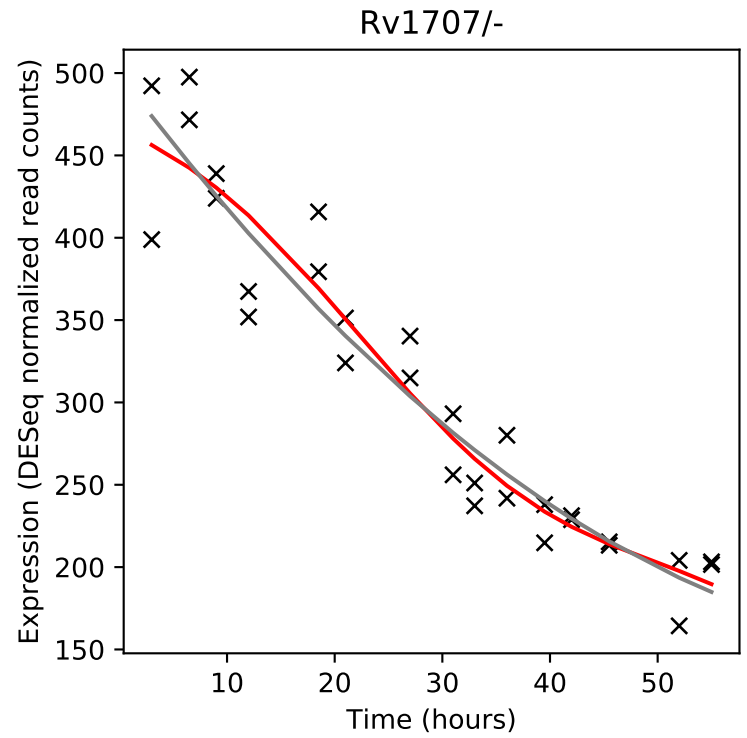

Rv1687c/-
Expression (DESeq normalized read counts)
Time (hours)

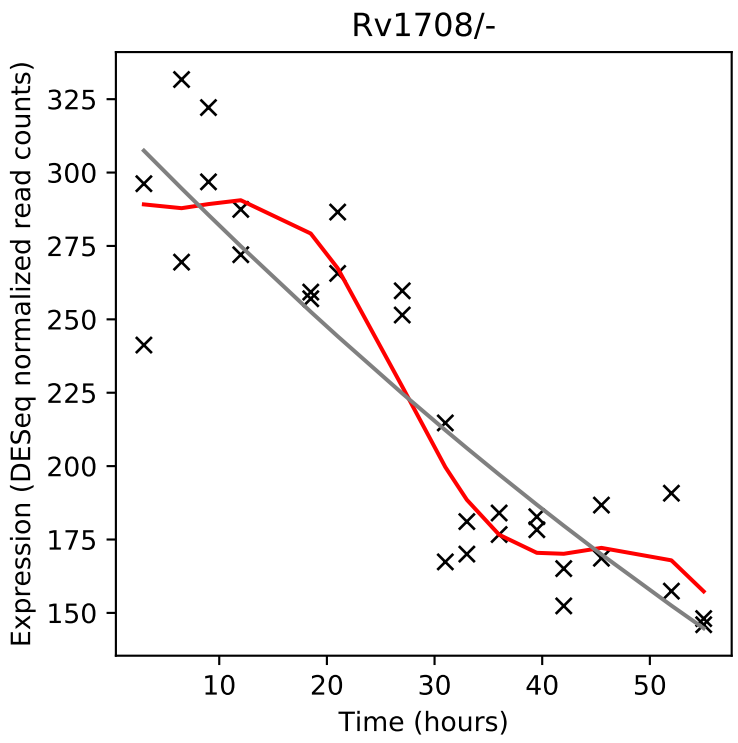

Rv1688/mpg
Rv1689/tyrS
Rv1690/lprJ
Rv1691/-
Rv1692/-
Rv1693/-
Rv1694/tlyA
Rv1695/ppnK
Rv1696/recN
Expression (DESeq normalized read counts)
Time (hours)

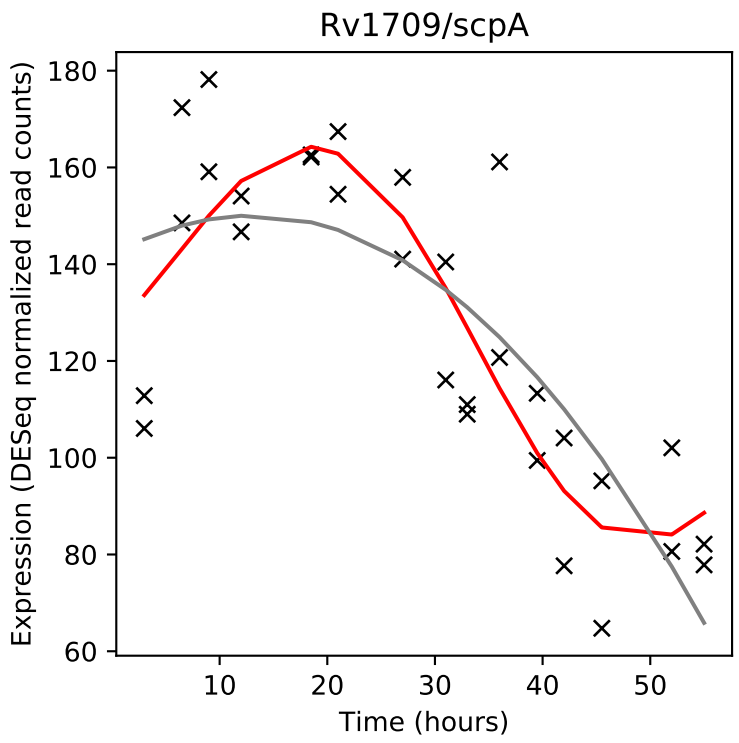

Rv1697/-
Rv1698/mctB
Rv1699/pyrG
Rv1700/-
Rv1701/-
Rv1702c/-
Rv1703c/-
Rv1704c/cycA
Rv1705c/PPE22
Expression (DESeq normalized read counts)
Time (hours)

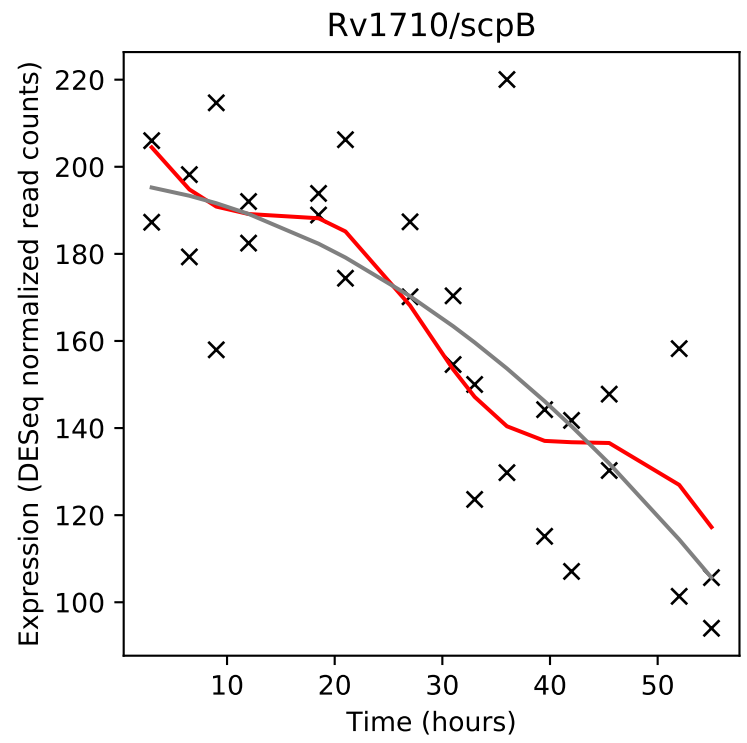

Rv1706c/PPE23
Expression (DESeq normalized read counts)
Time (hours)

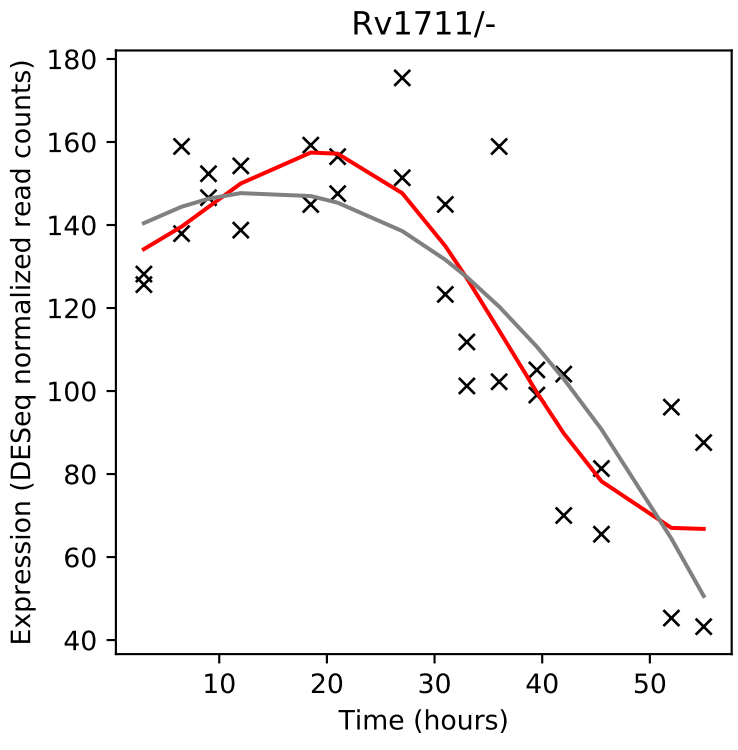

Rv1706A/-
Expression (DESeq normalized read counts)
Time (hours)

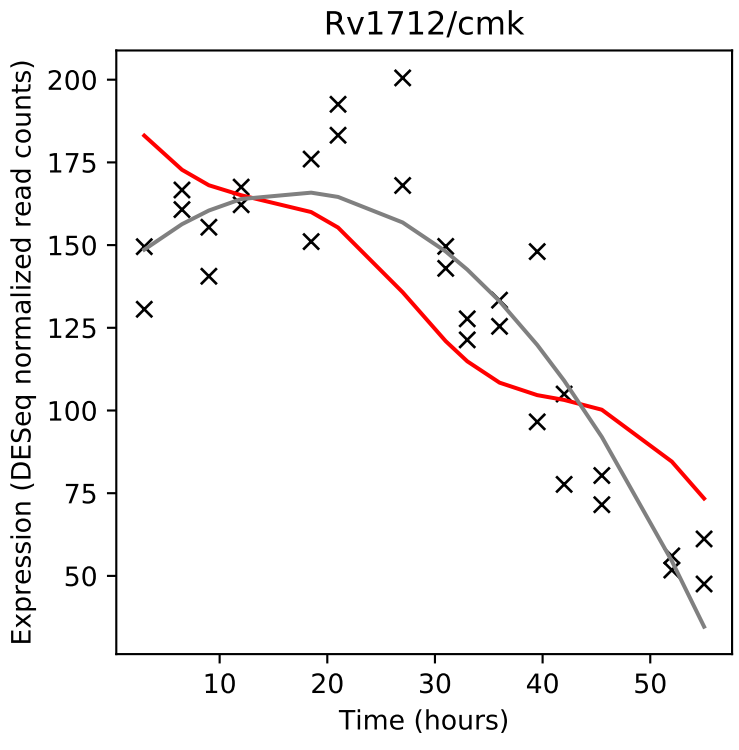

Rv1707/-
Expression (DESeq normalized read counts)
Time (hours)

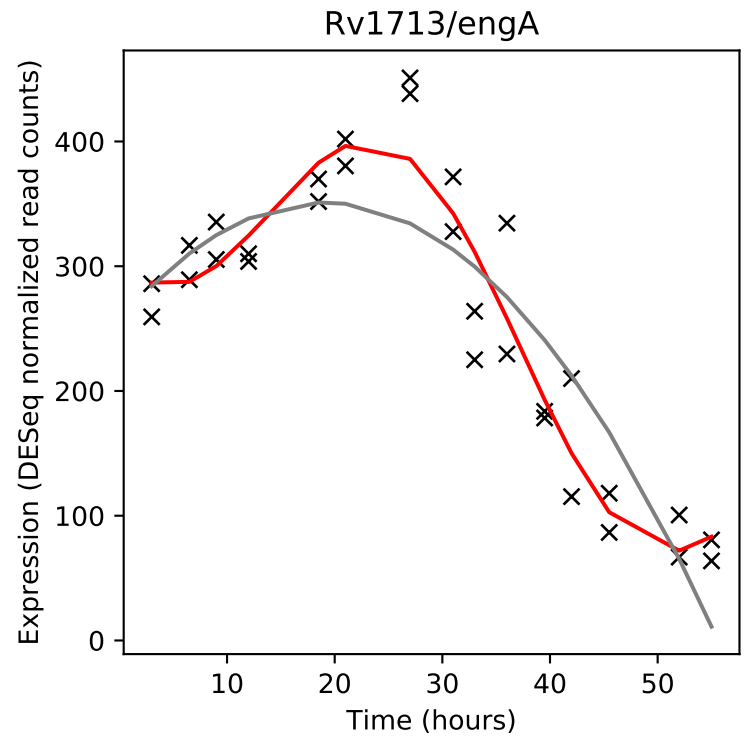

Rv1708/-
Expression (DESeq normalized read counts)
Time (hours)

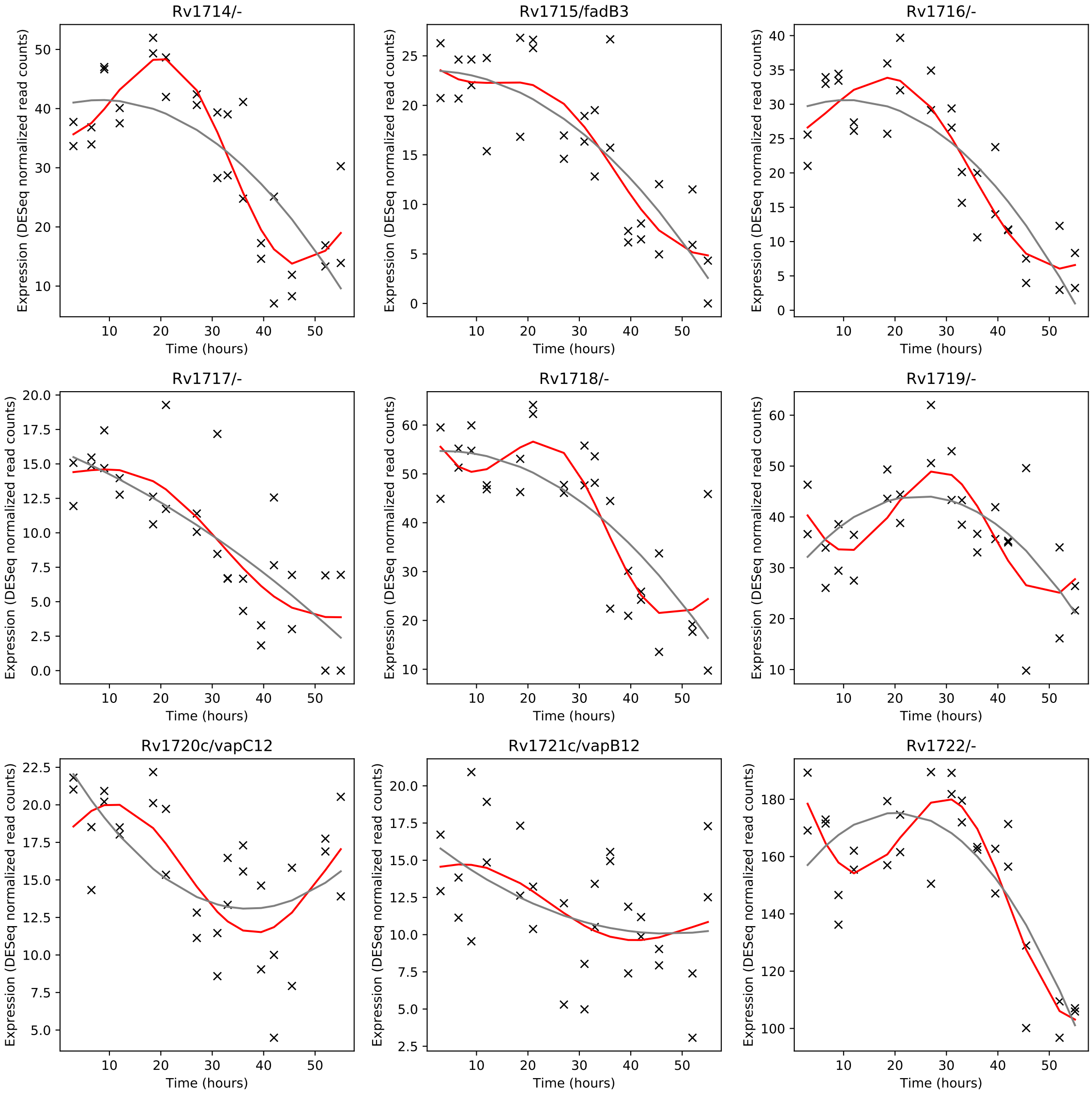

Rv1709/scpA
Expression (DESeq normalized read counts)
Time (hours)

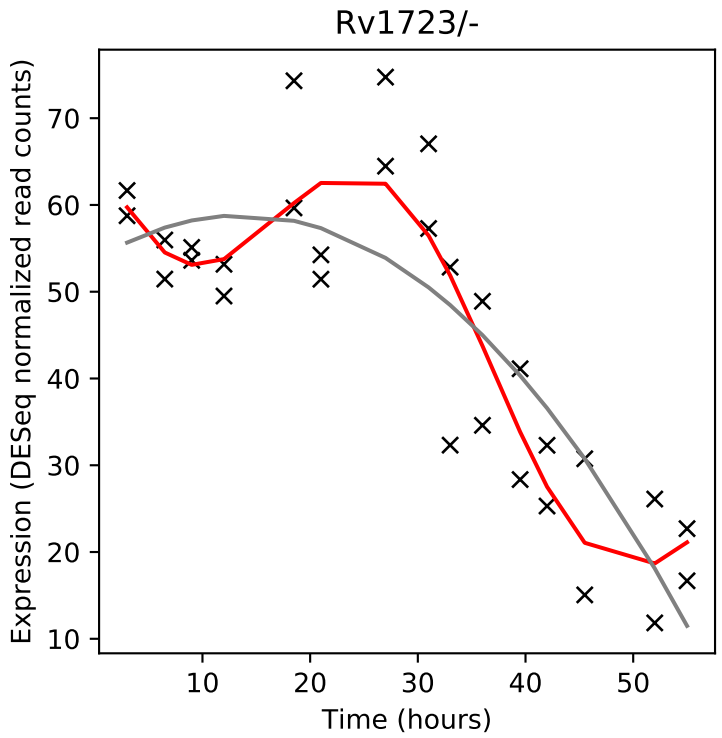

Rv1710/scpB
Expression (DESeq normalized read counts)
Time (hours)

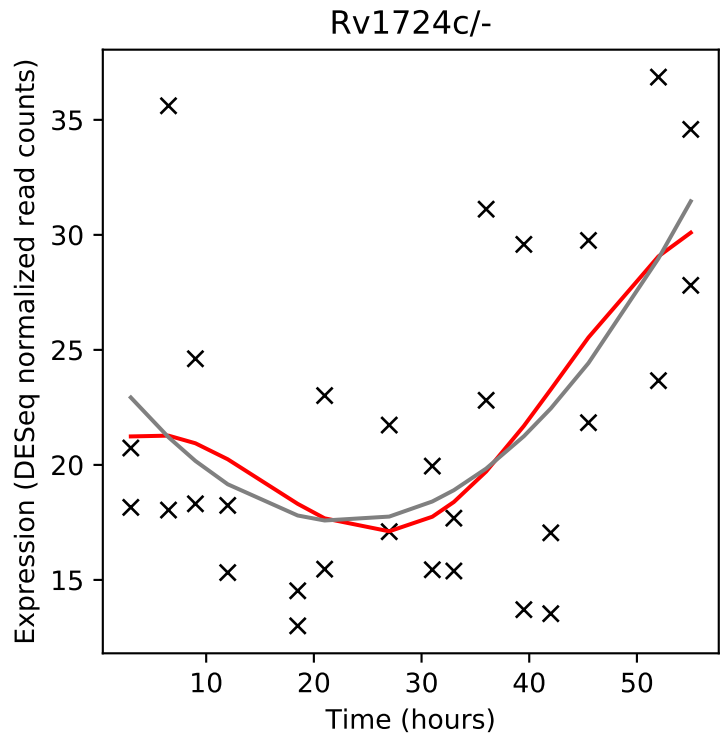

Rv1711/-
Expression (DESeq normalized read counts)
Time (hours)

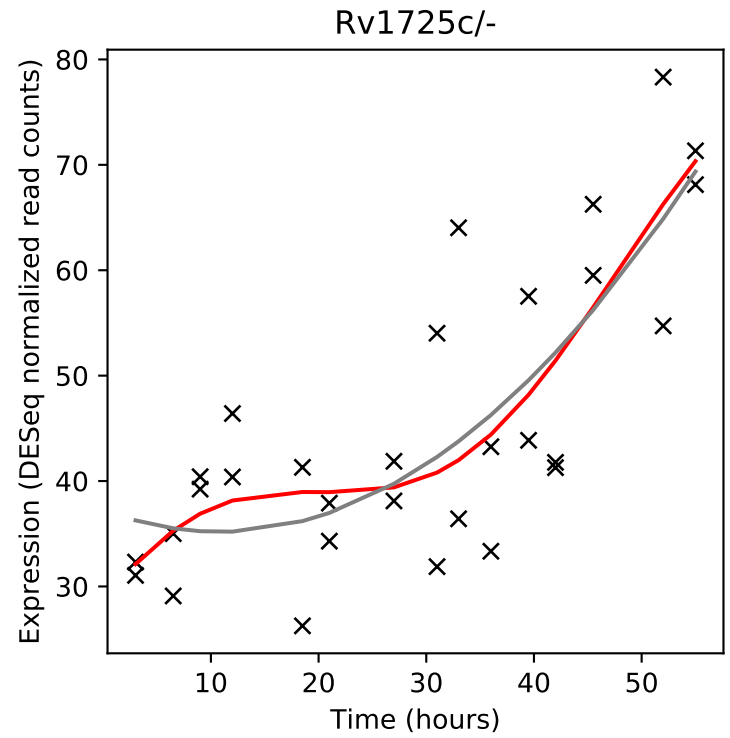

Rv1712/cmk
Expression (DESeq normalized read counts)
Time (hours)

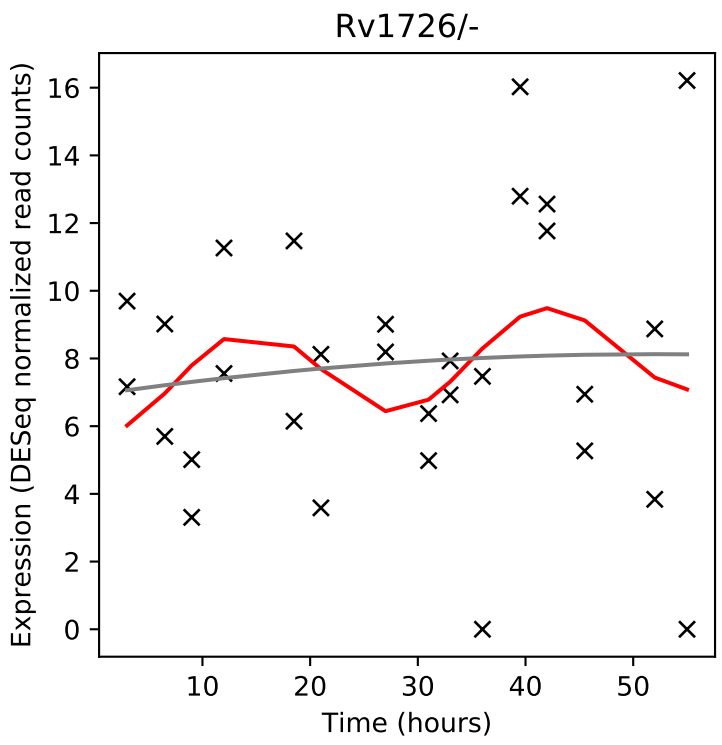

Rv1713/engA
Expression (DESeq normalized read counts)
Time (hours)

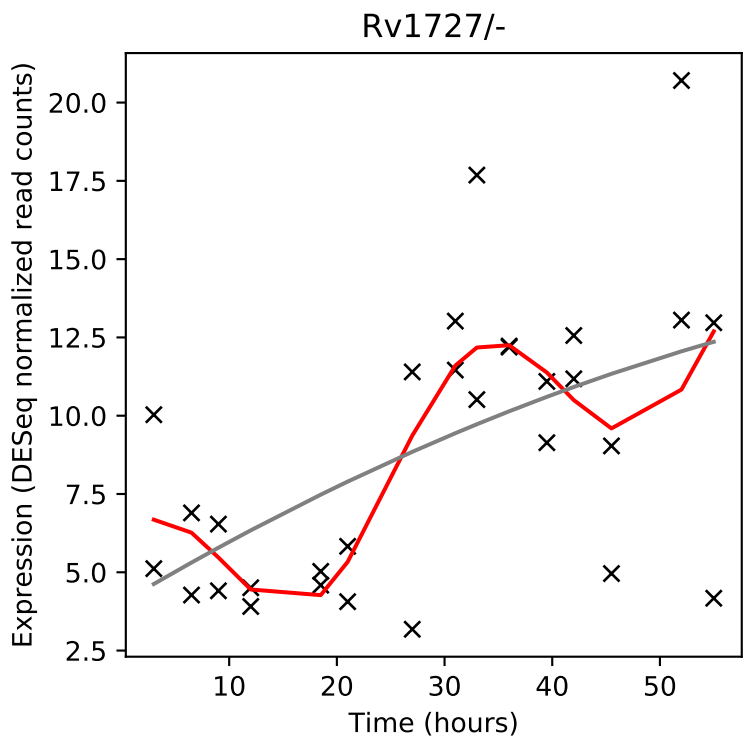

Rv1714/-
Rv1715/fadB3
Rv1716/-
Rv1717/-
Rv1718/-
Rv1719/-
Rv1720c/vapC12
Rv1721c/vapB12
Rv1722/-
Expression (DESeq normalized read counts)
Time (hours)

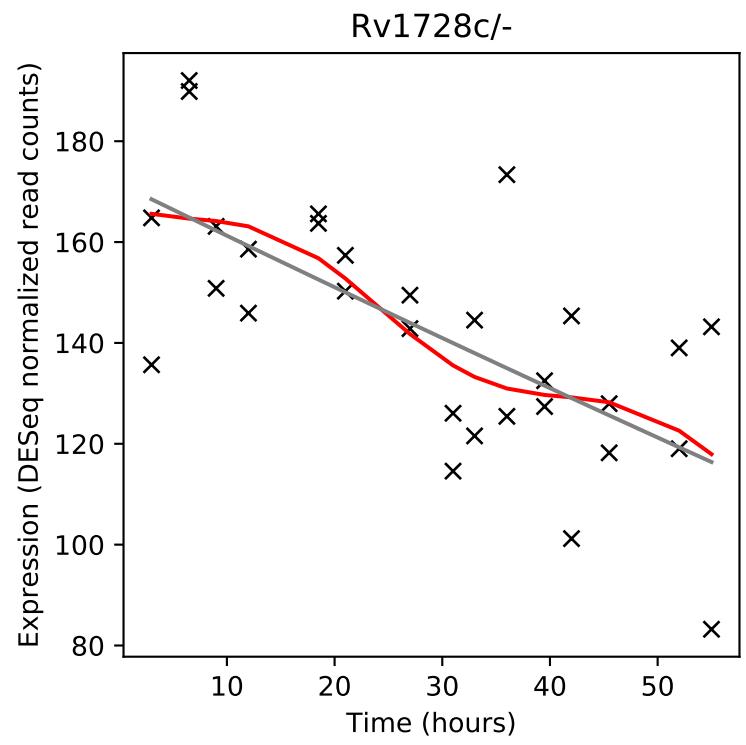

Rv1723/-
Expression (DESeq normalized read counts)
Time (hours)

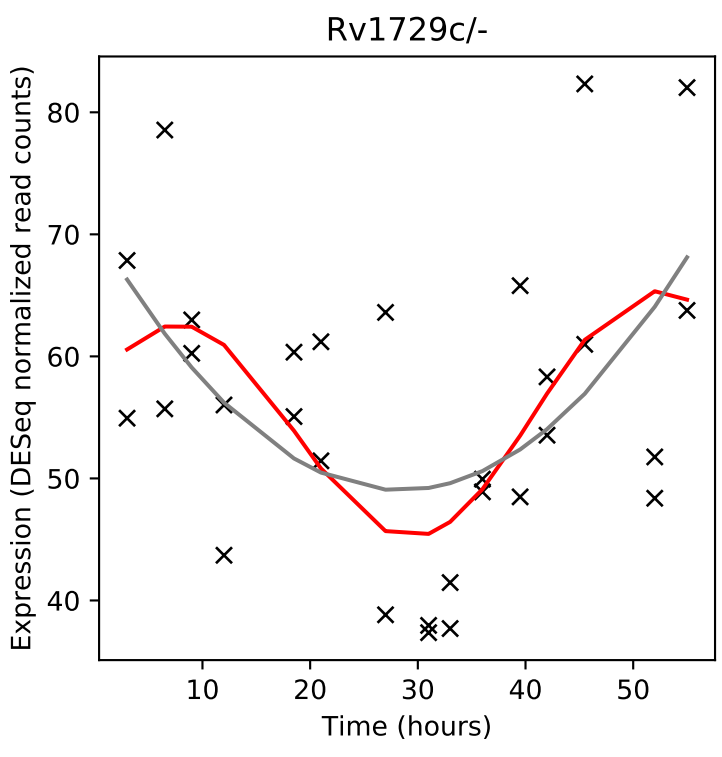

Rv1724c/-
Expression (DESeq normalized read counts)
Time (hours)

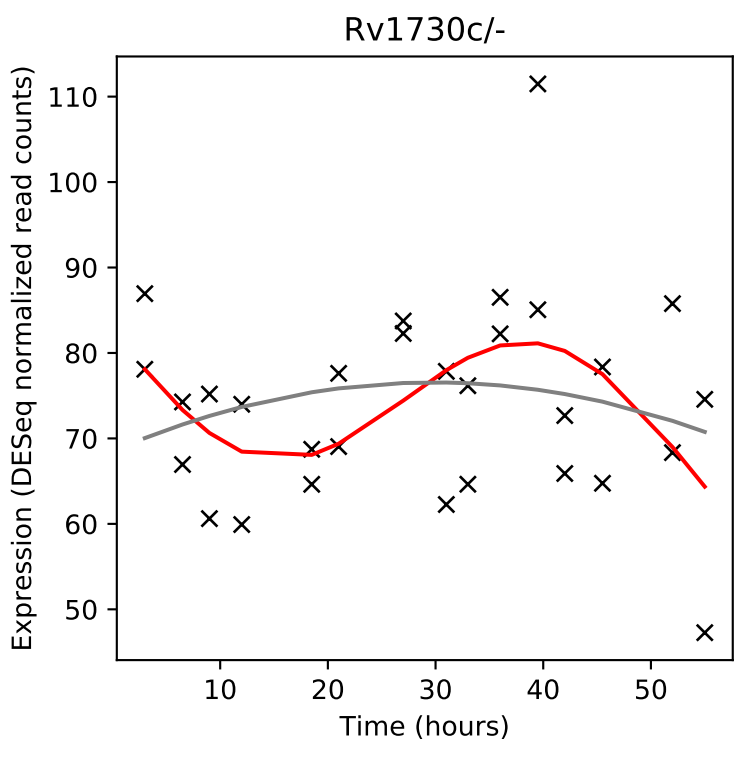

Rv1725c/-
Expression (DESeq normalized read counts)
Time (hours)

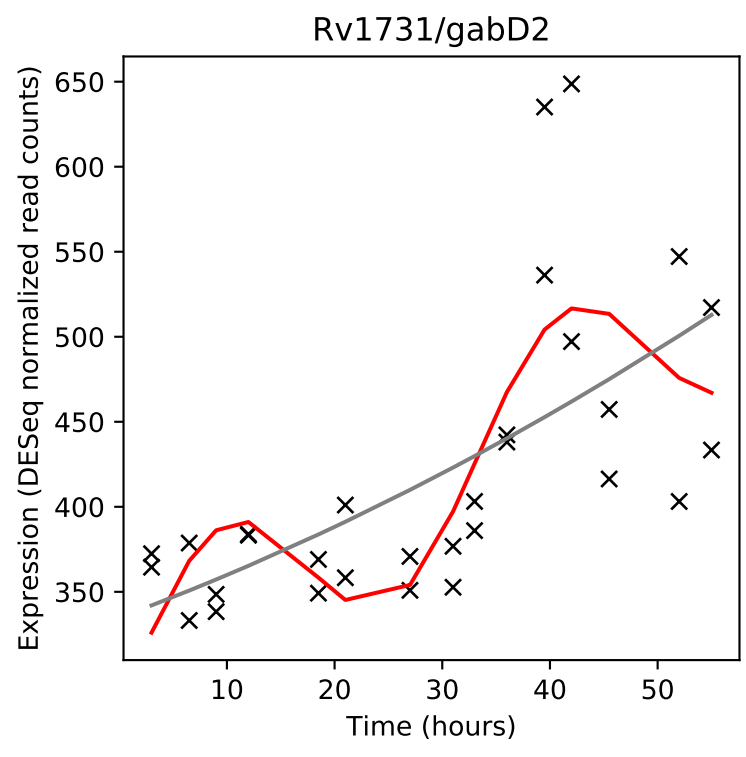

Rv1726/-
Expression (DESeq normalized read counts)
Time (hours)

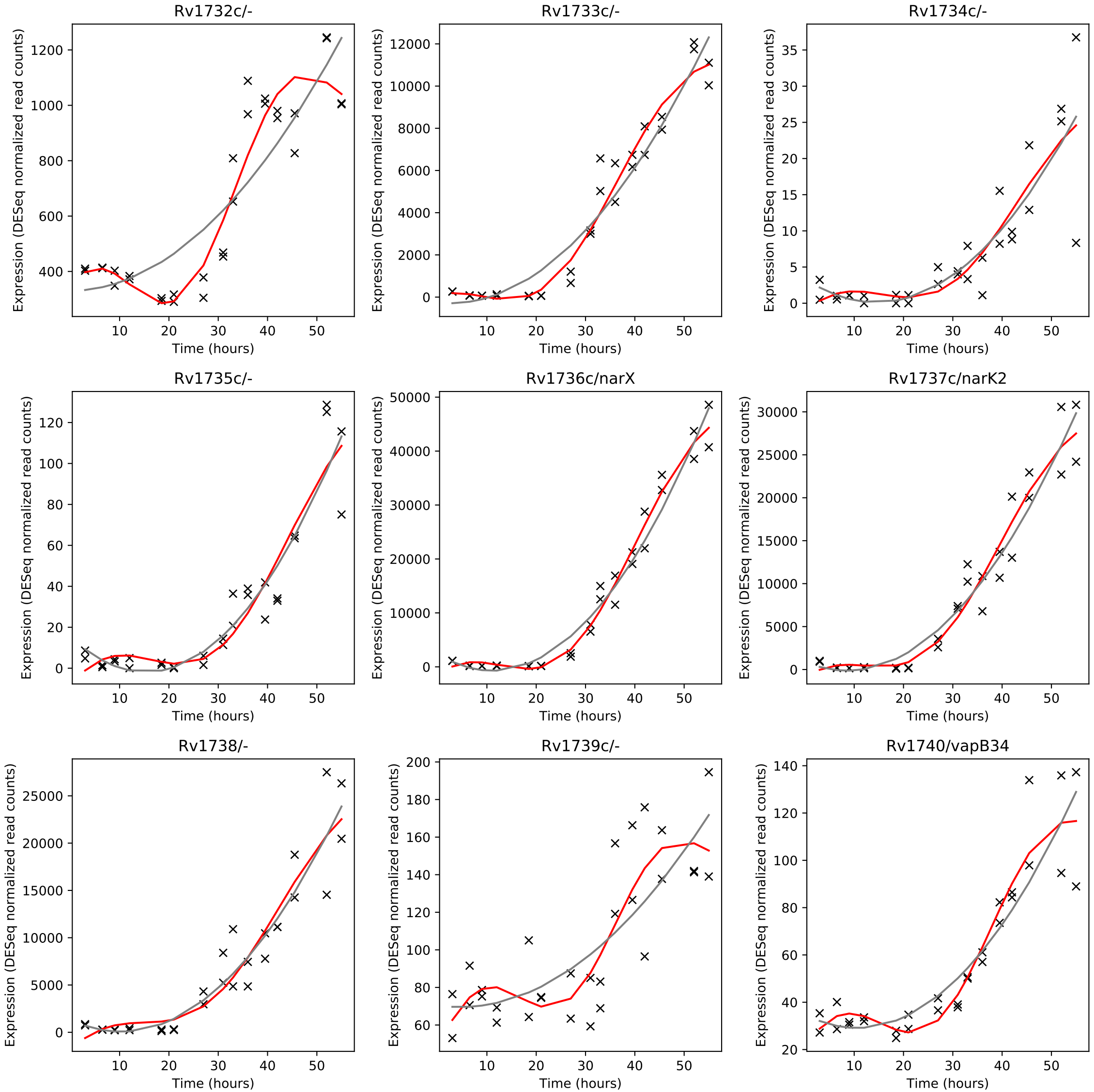

Rv1727/-
Expression (DESeq normalized read counts)
Time (hours)

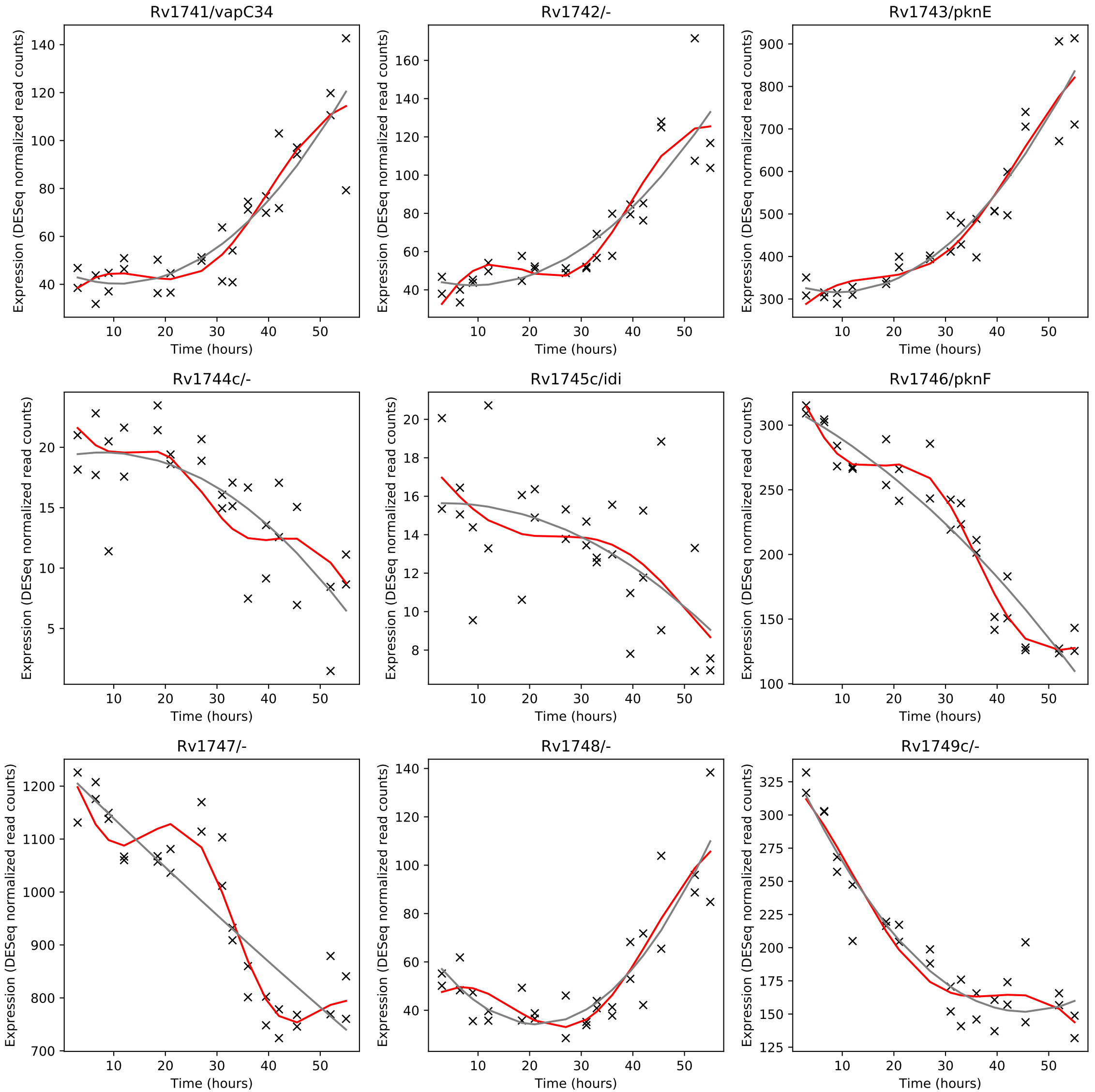

Rv1728c/-
Expression (DESeq normalized read counts)
Time (hours)

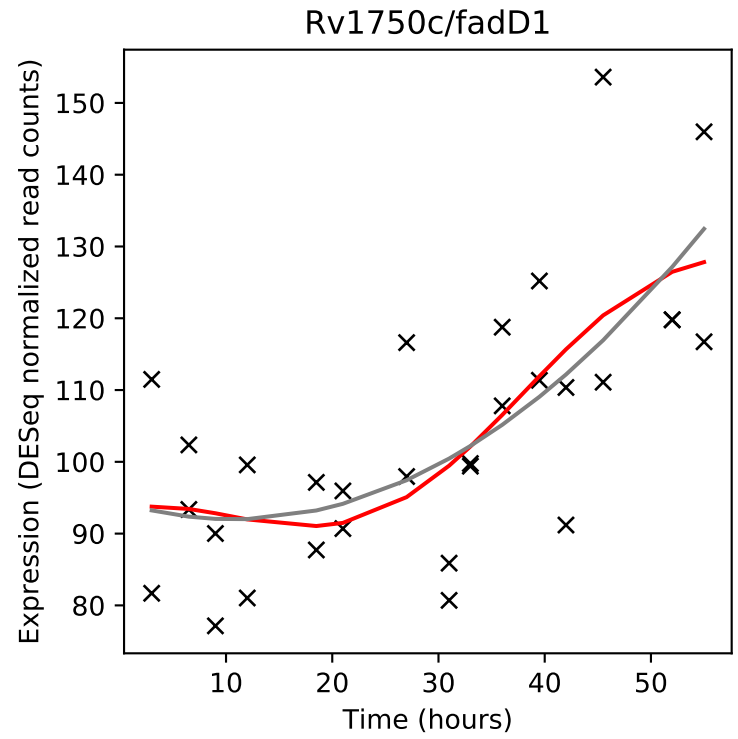

Rv1729c/-
Expression (DESeq normalized read counts)
Time (hours)

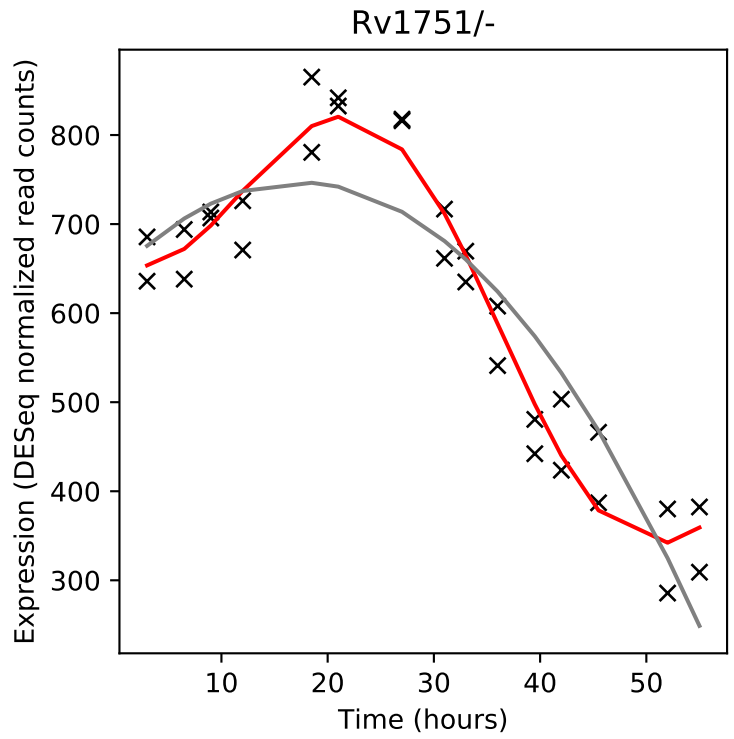

Rv1730c/-
Expression (DESeq normalized read counts)
Time (hours)

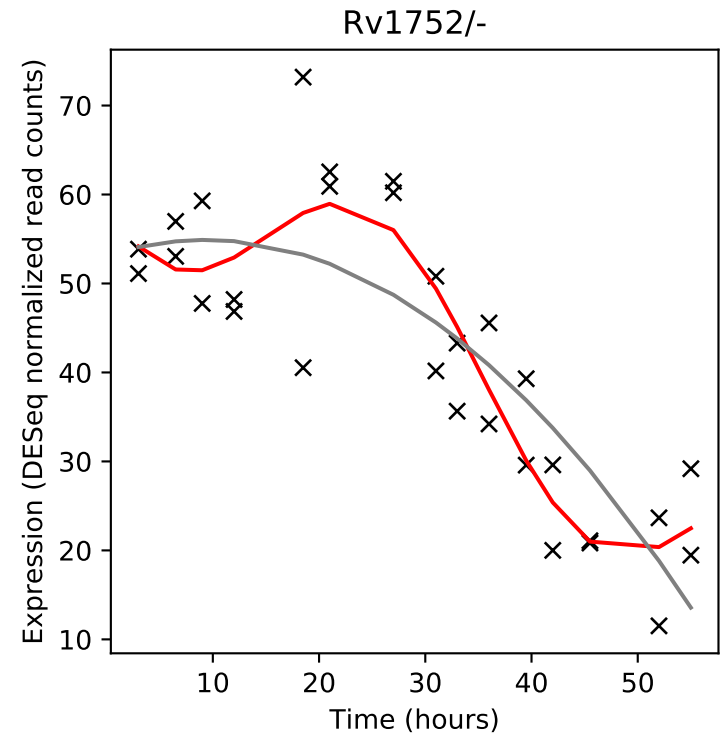

Rv1731/gabD2
Expression (DESeq normalized read counts)
Time (hours)

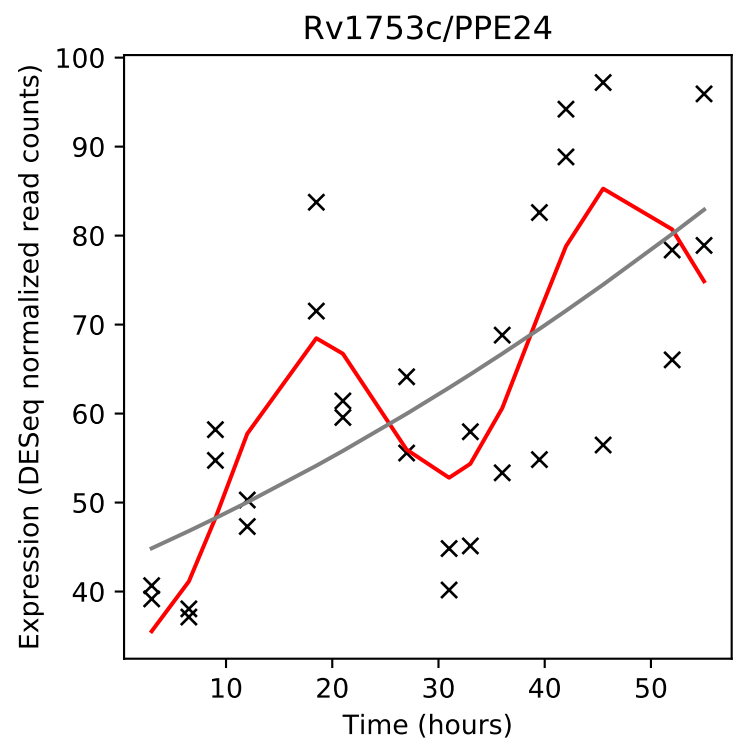

Rv1732c/-
Rv1733c/-
Rv1734c/-
Rv1735c/-
Rv1736c/narX
Rv1737c/narK2
Rv1738/-
Rv1739c/-
Rv1740/vapB34
Expression (DESeq normalized read counts)
Time (hours)

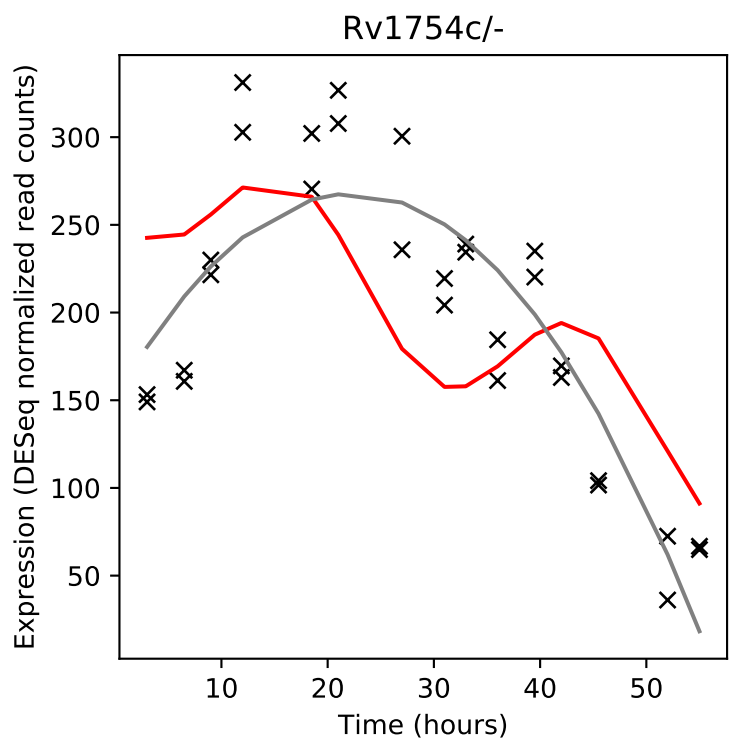

Rv1741/vapC34
Rv1742/-
Rv1743/pknE
Rv1744c/-
Rv1745c/idi
Rv1746/pknF
Rv1747/-
Rv1748/-
Rv1749c/-
Expression (DESeq normalized read counts)
Time (hours)

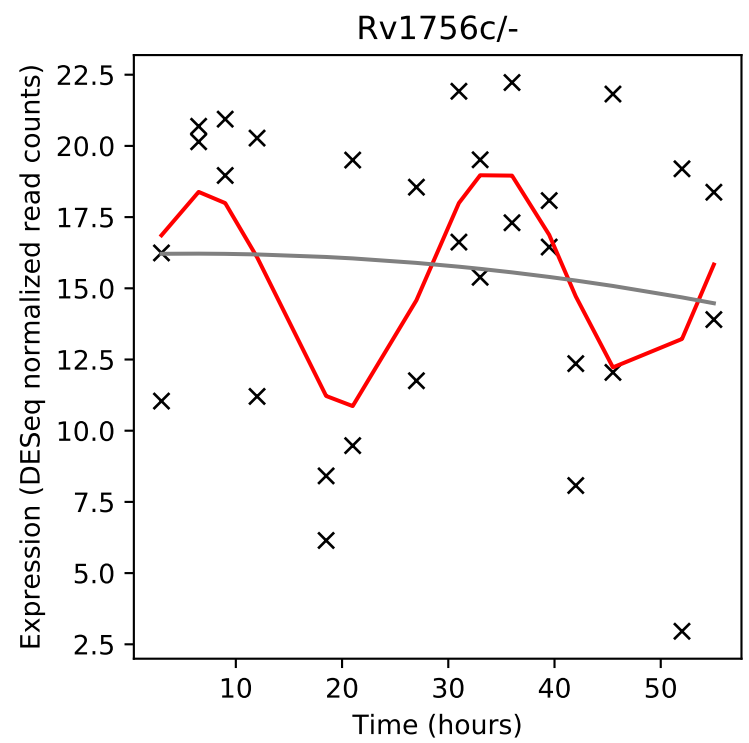

Rv1750c/fadD1
Expression (DESeq normalized read counts)
Time (hours)

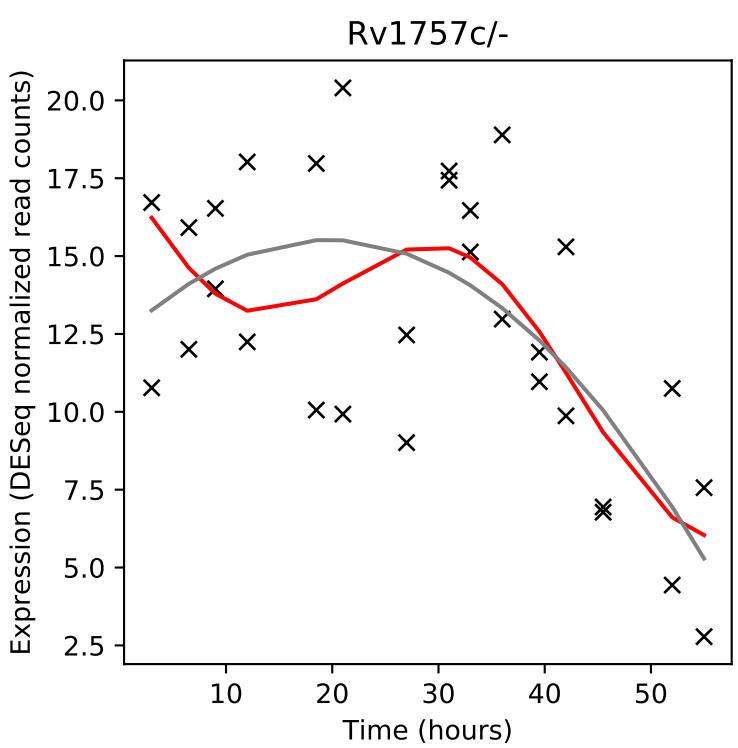

Rv1751/-
Expression (DESeq normalized read counts)
Time (hours)

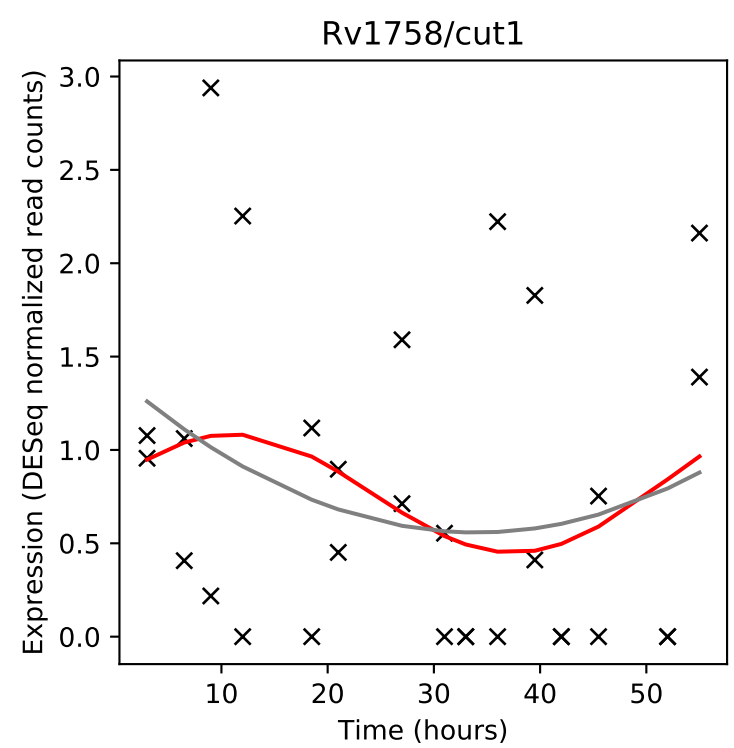

Rv1752/-
Expression (DESeq normalized read counts)
Time (hours)

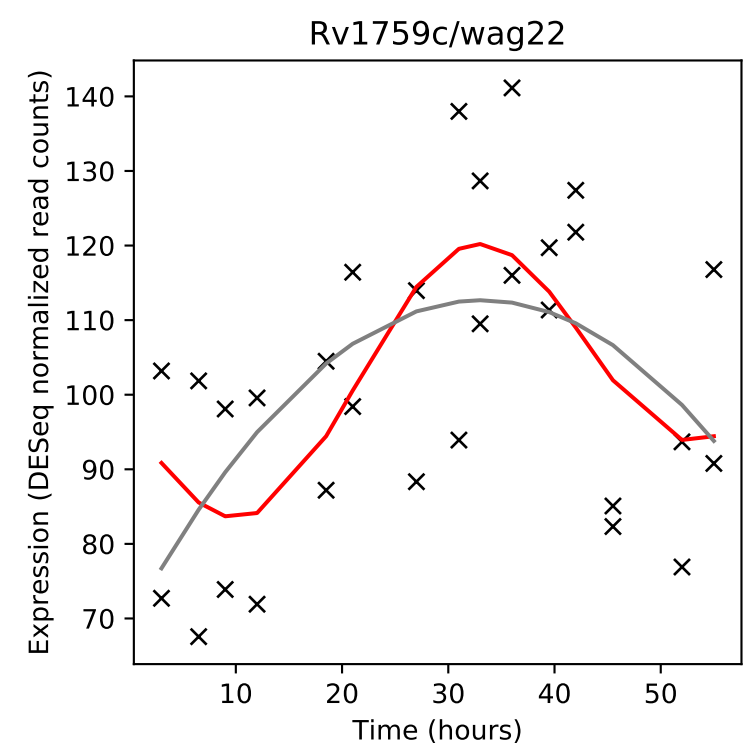

Rv1753c/PPE24
Expression (DESeq normalized read counts)
Time (hours)

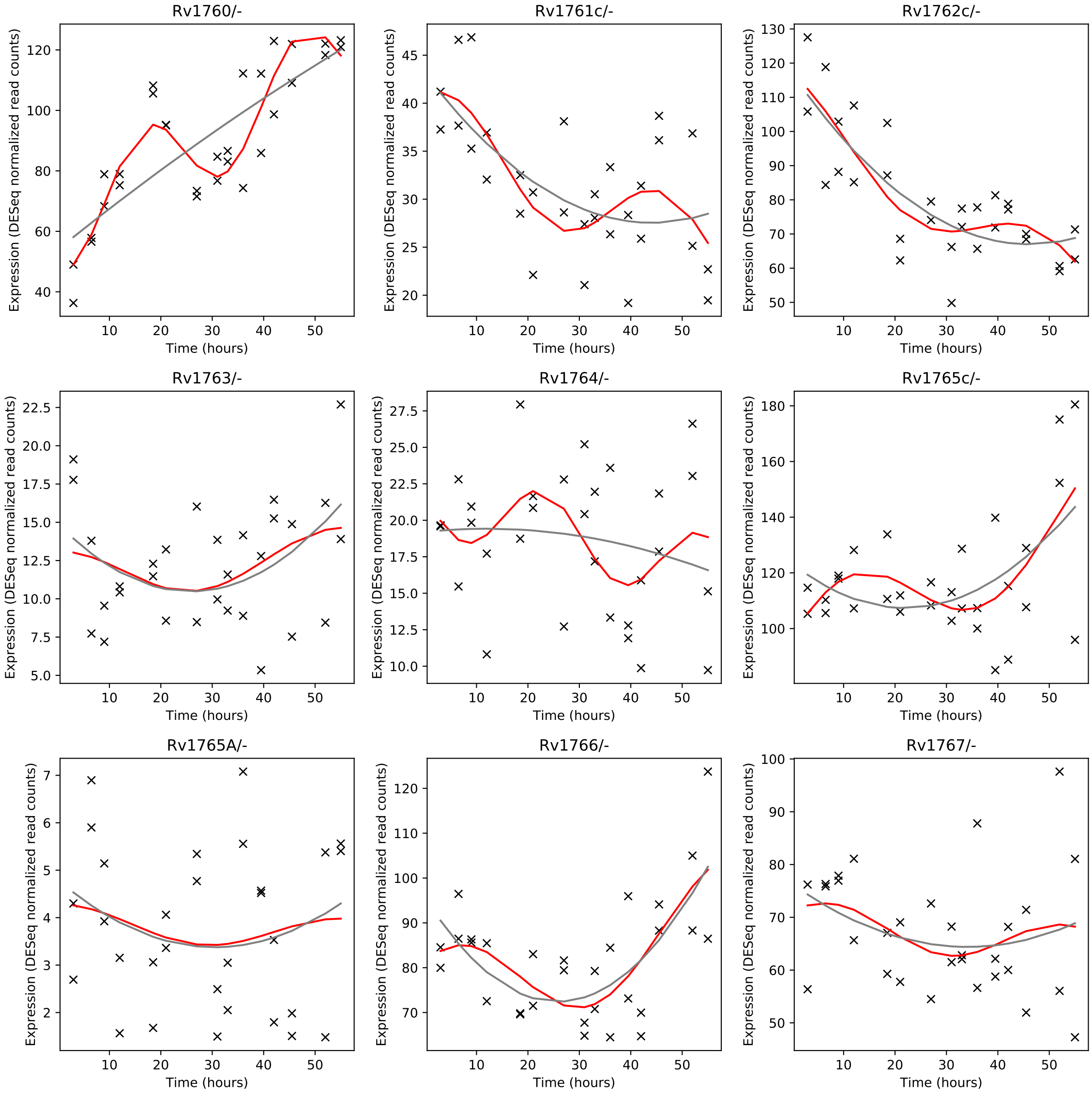

Rv1754c/-
Expression (DESeq normalized read counts)
Time (hours)

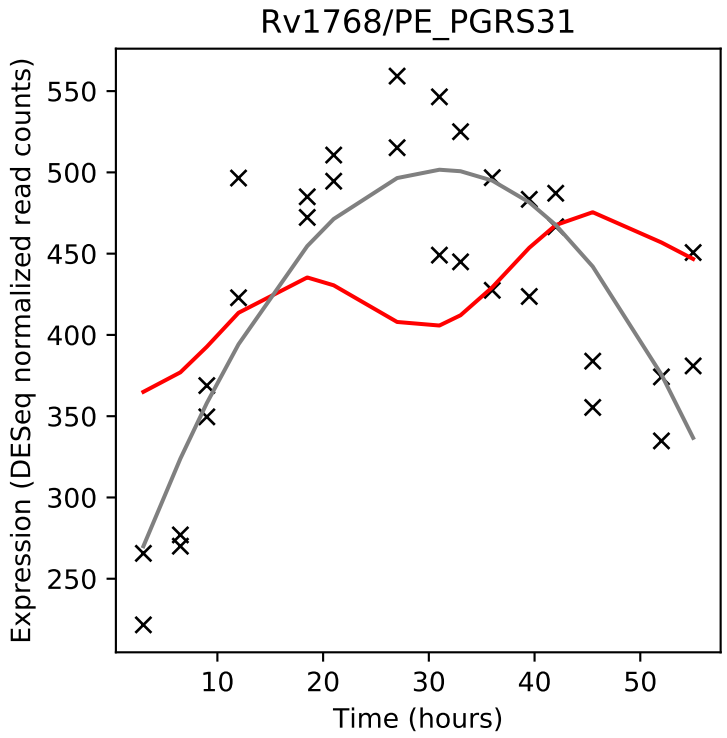

Rv1756c/-
Expression (DESeq normalized read counts)
Time (hours)

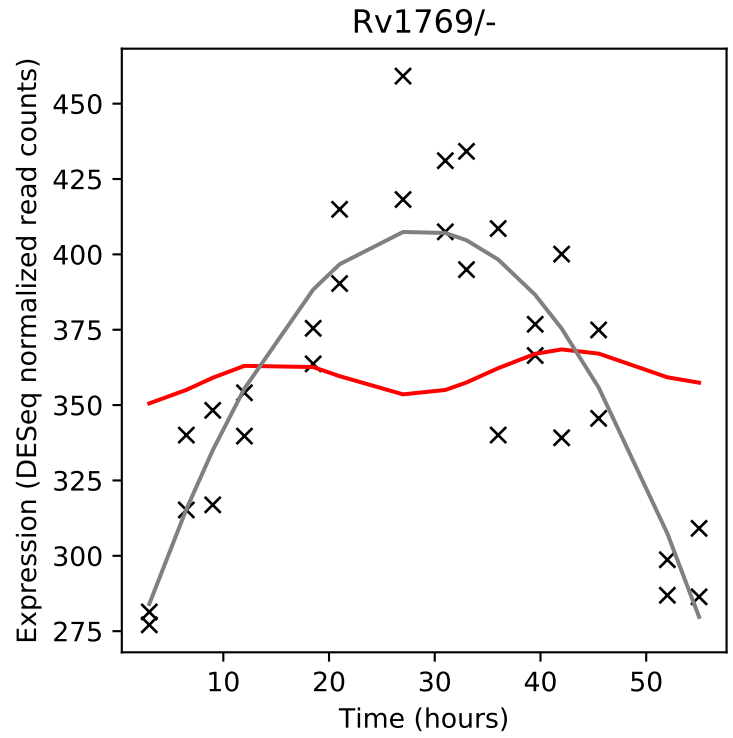

Rv1757c/-
Expression (DESeq normalized read counts)
Time (hours)

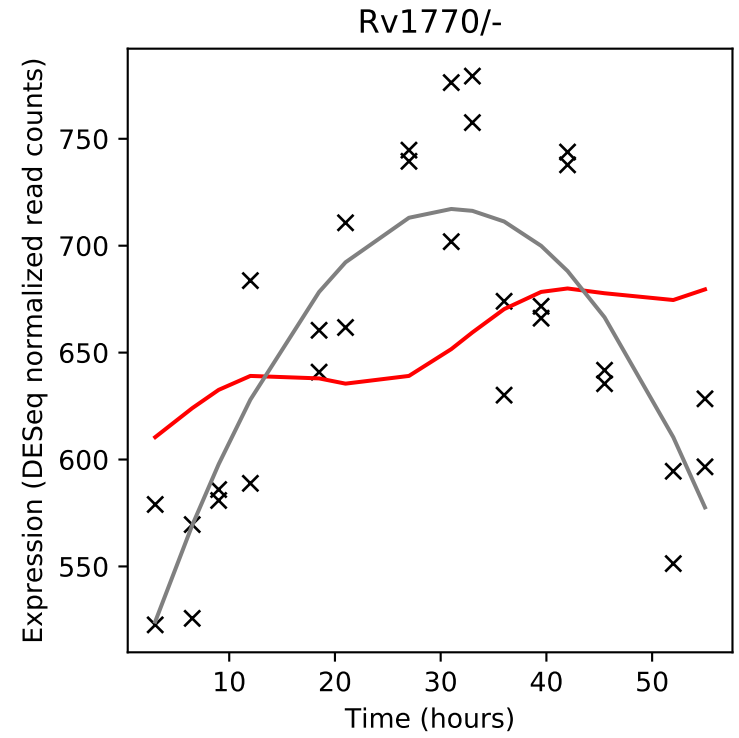

Rv1758/cut1
Expression (DESeq normalized read counts)
Time (hours)

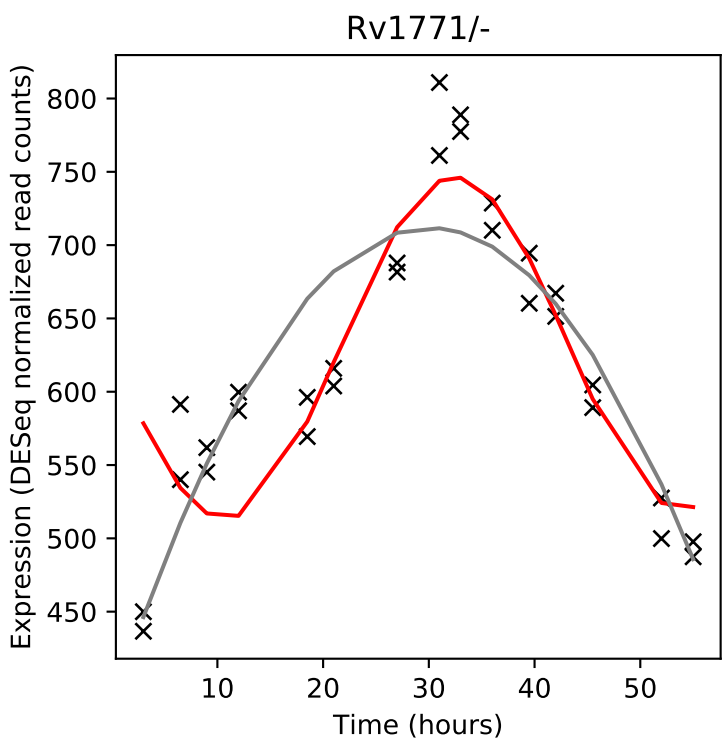

Rv1759c/wag22
Expression (DESeq normalized read counts)
Time (hours)

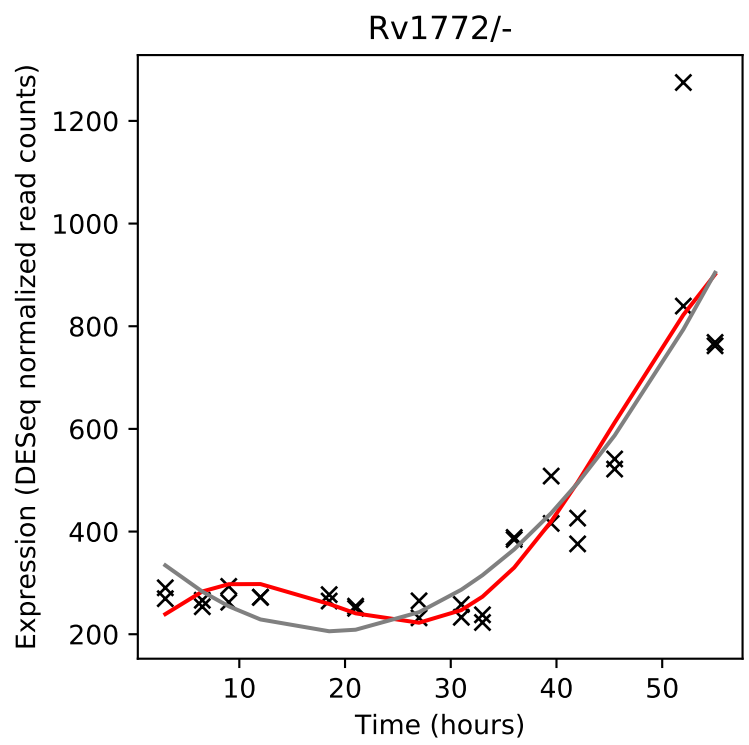

Rv1760/-
Rv1761c/-
Rv1762c/-
Rv1763/-
Rv1764/-
Rv1765c/-
Rv1765A/-
Rv1766/-
Rv1767/-
Expression (DESeq normalized read counts)
Time (hours)

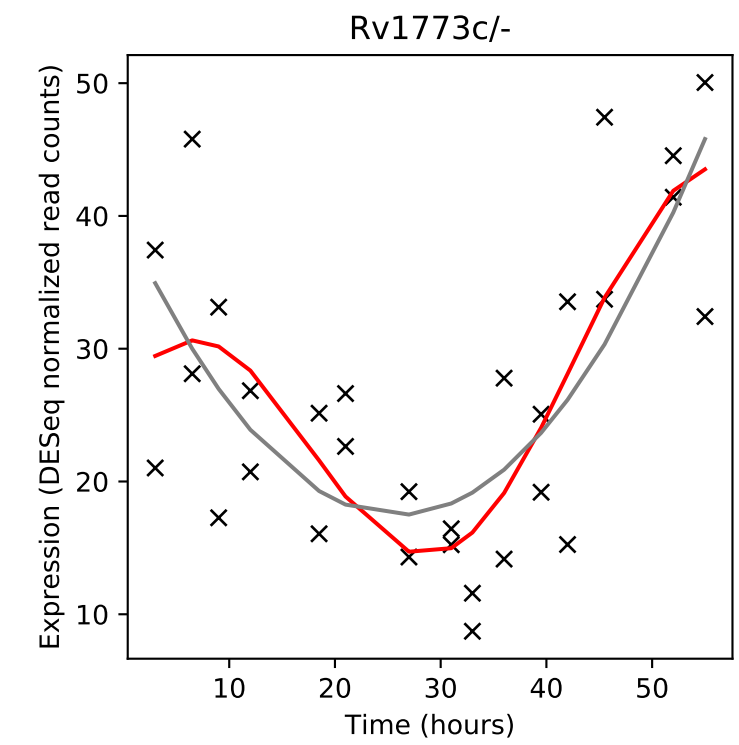

Rv1768/PE_PGRS31
Expression (DESeq normalized read counts)
Time (hours)

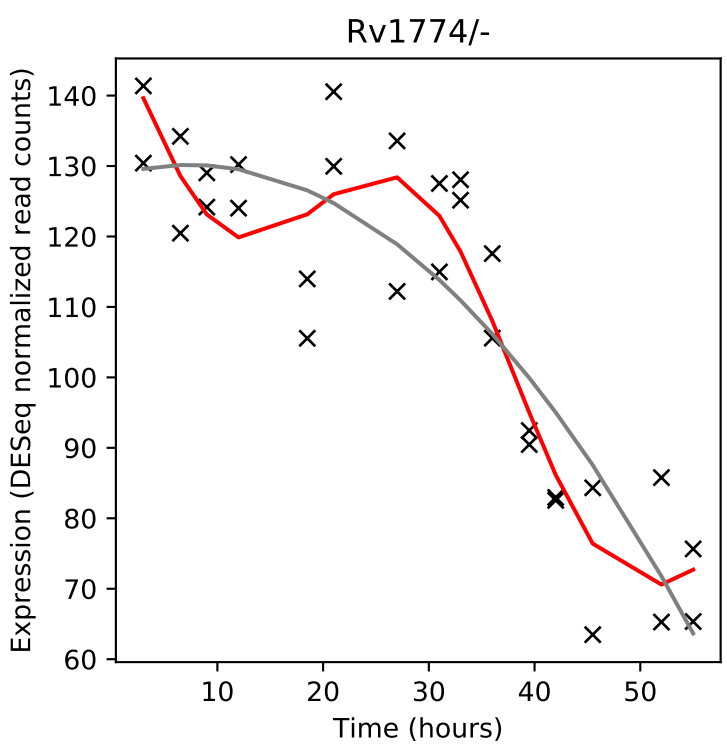

Rv1769/-
Expression (DESeq normalized read counts)
Time (hours)

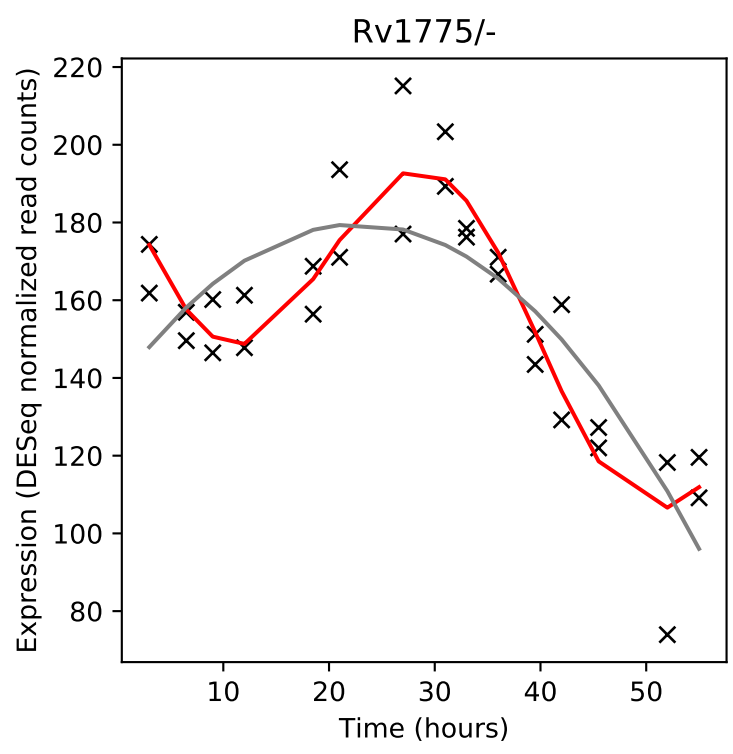

Rv1770/-
Expression (DESeq normalized read counts)
Time (hours)

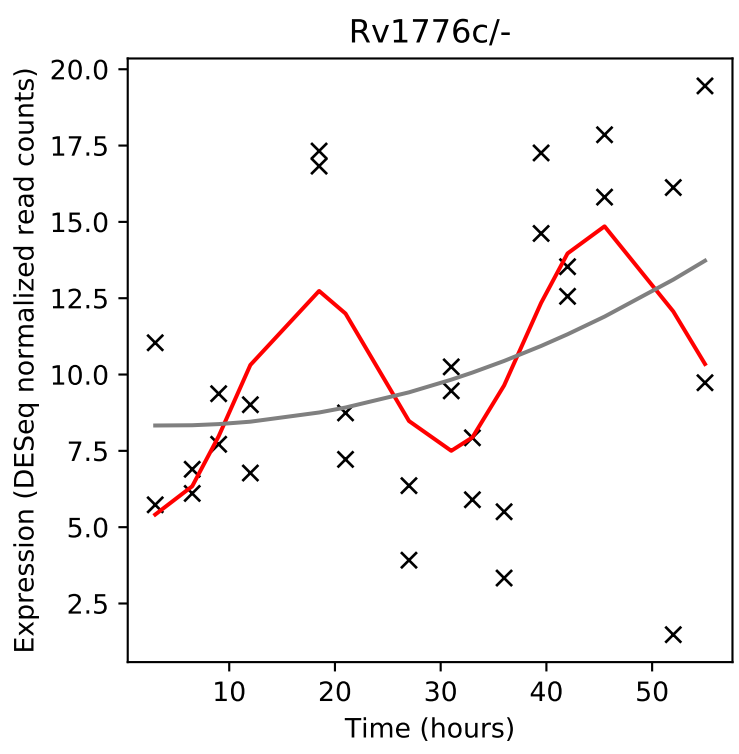

Rv1771/-
Expression (DESeq normalized read counts)
Time (hours)

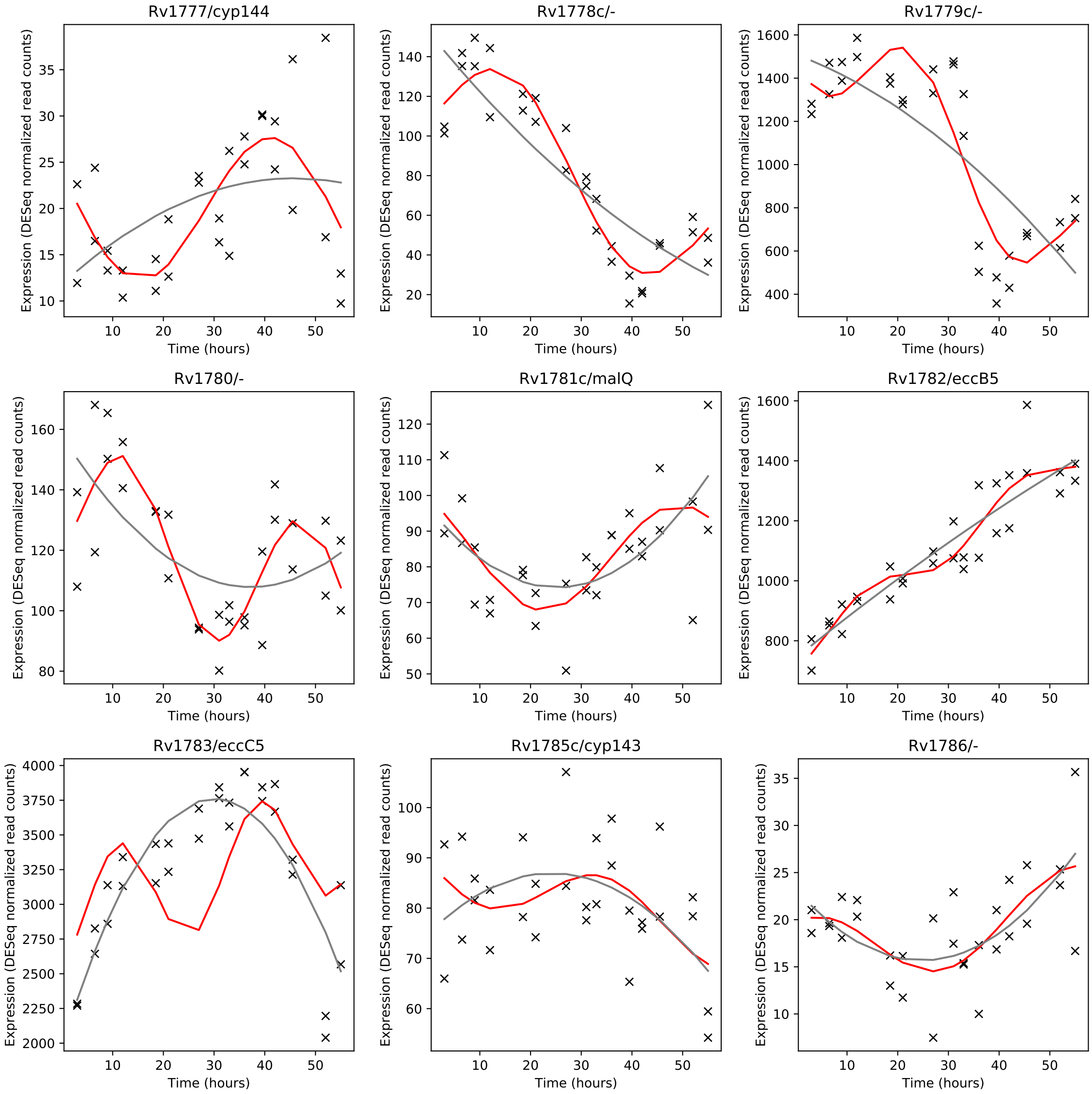

Rv1772/-
Expression (DESeq normalized read counts)
Time (hours)

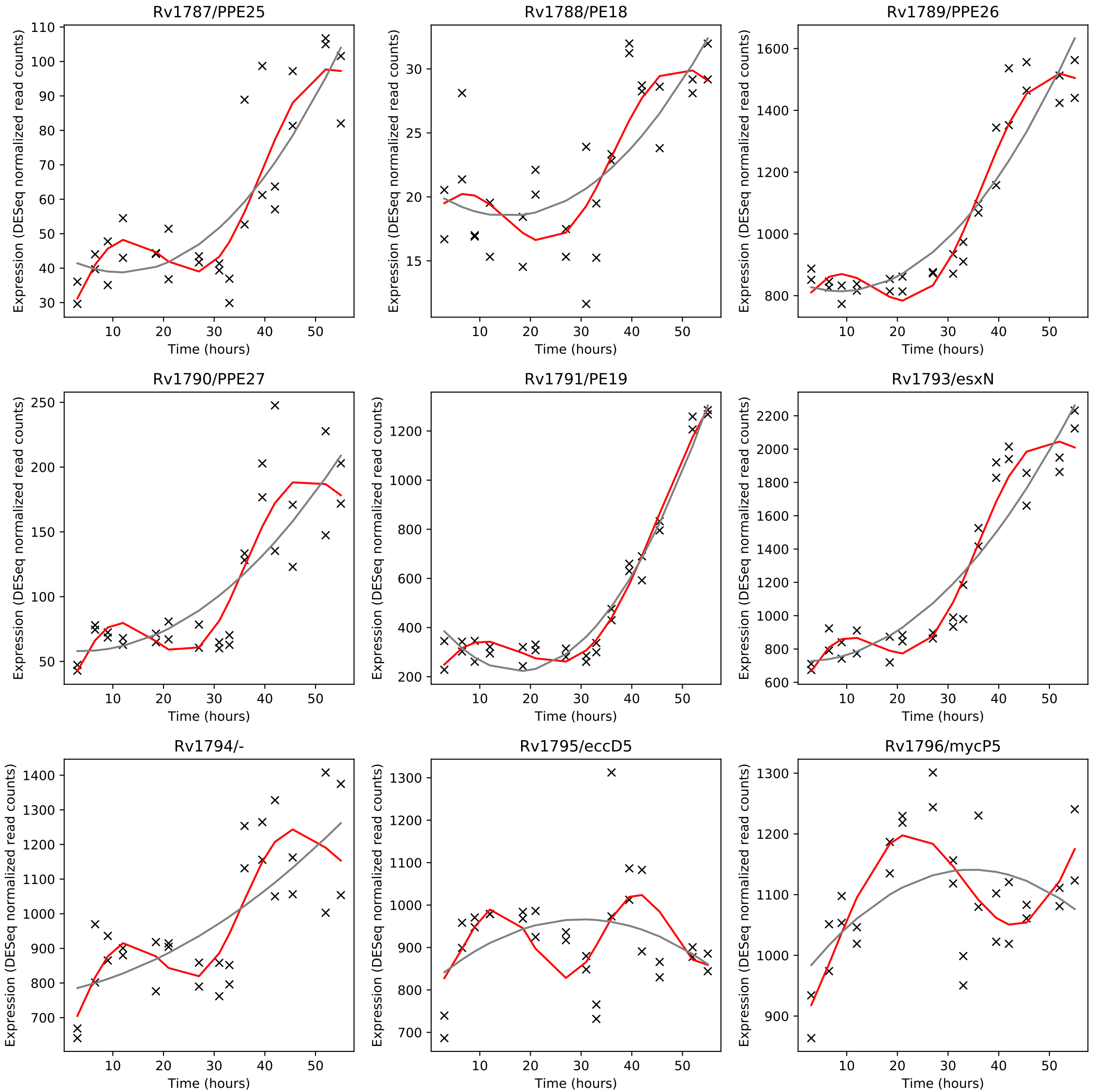

Rv1773c/-
Expression (DESeq normalized read counts)
Time (hours)

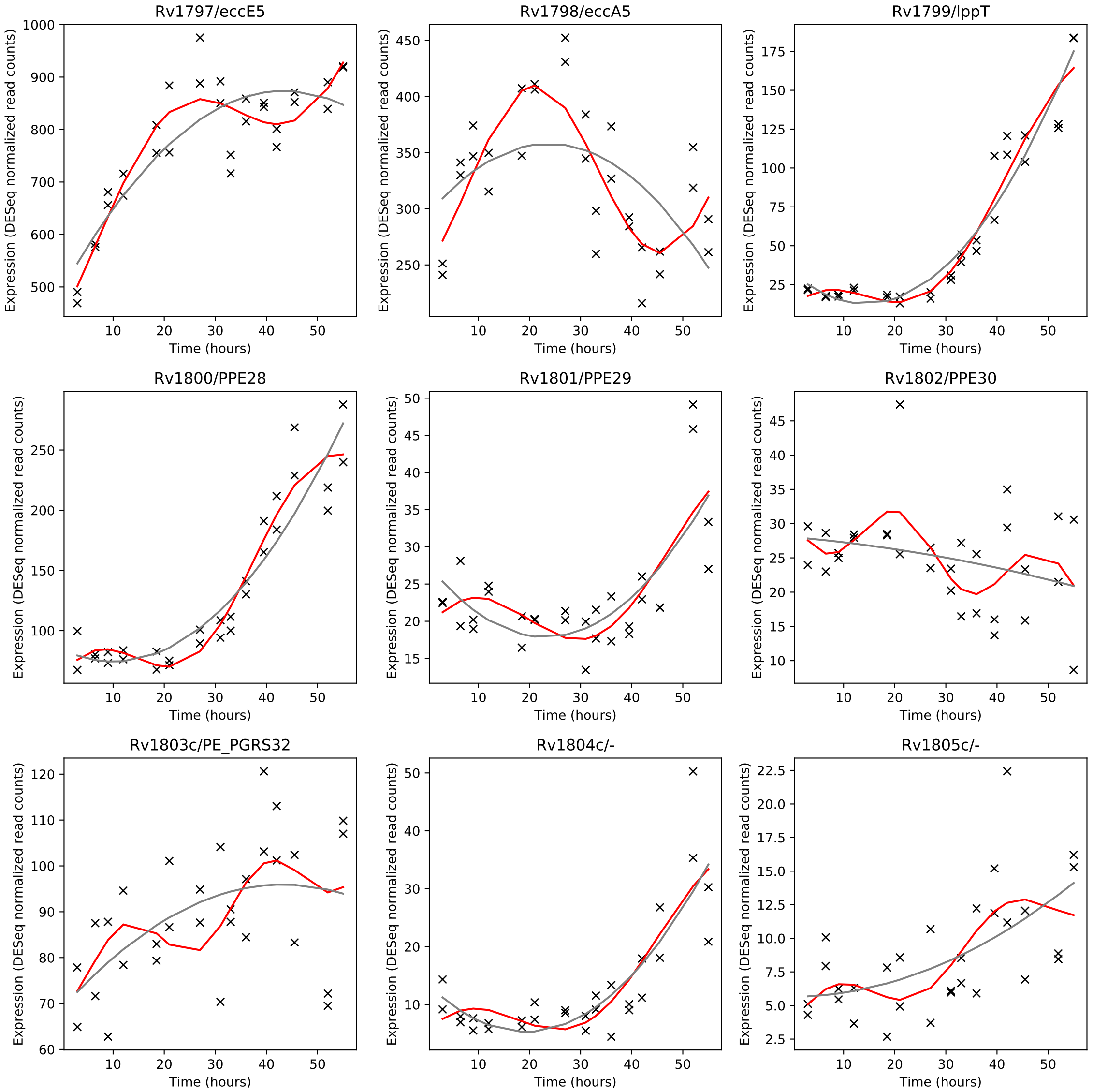

Rv1774/-
Expression (DESeq normalized read counts)
Time (hours)

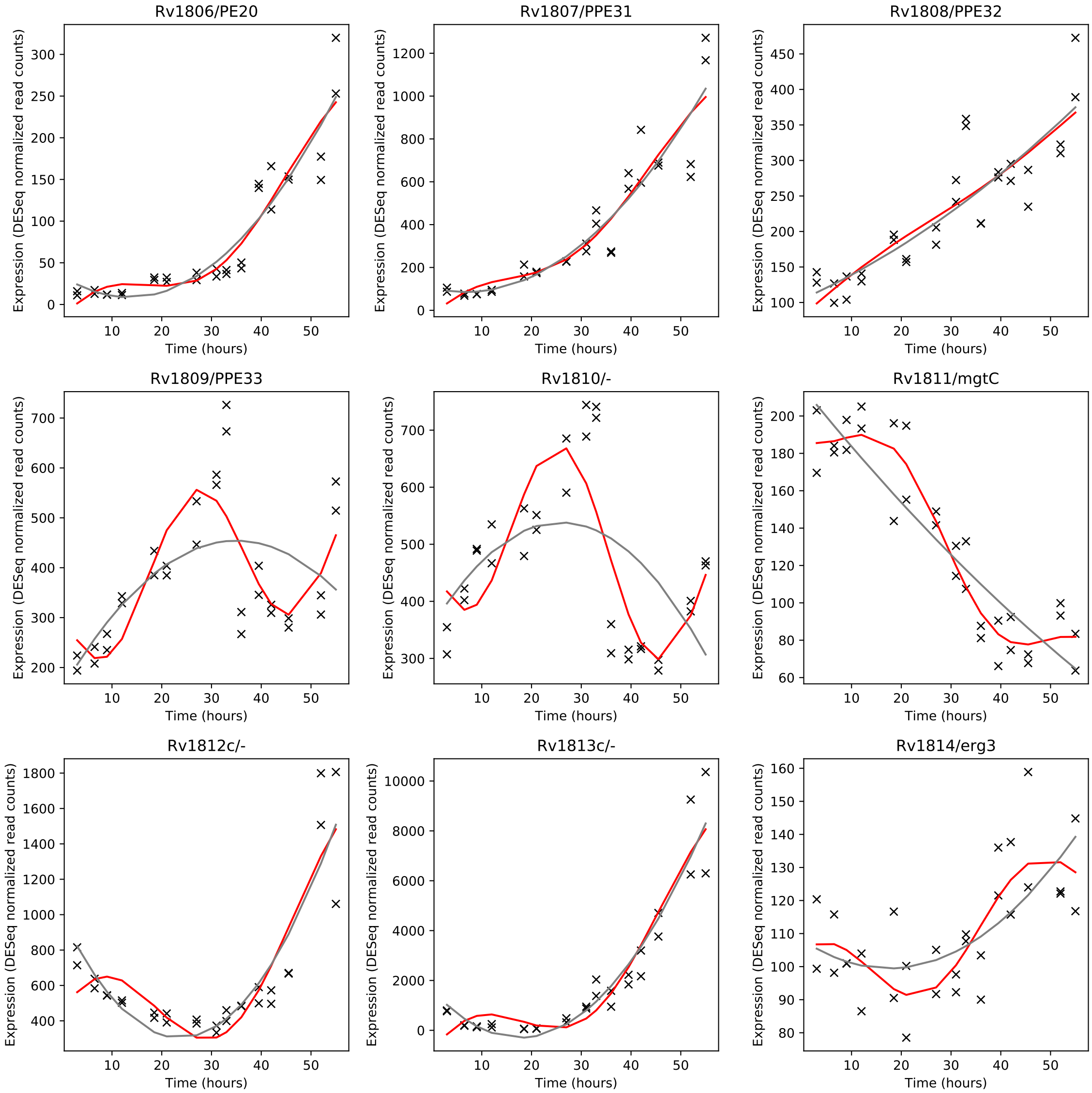

Rv1775/-
Expression (DESeq normalized read counts)
Time (hours)

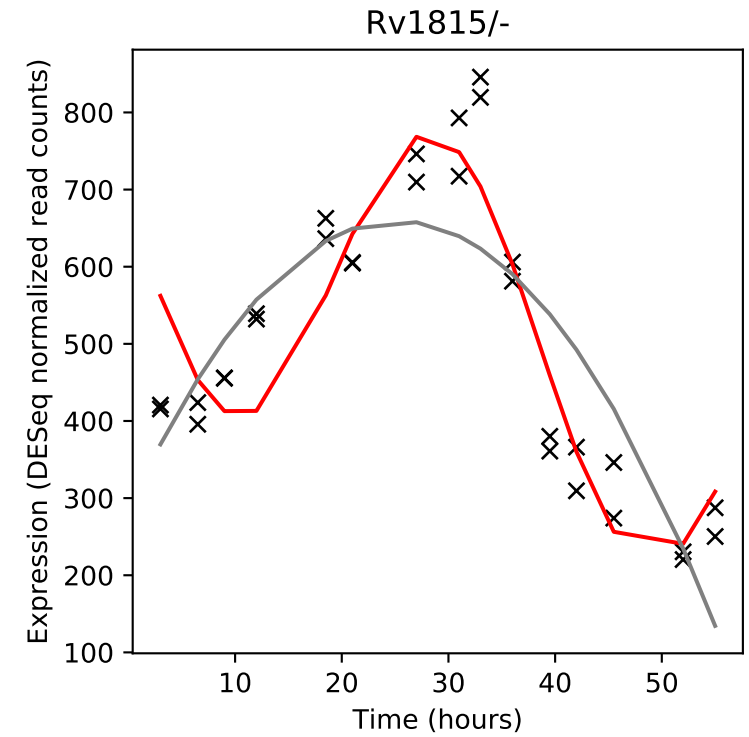

Rv1776c/-
Expression (DESeq normalized read counts)
Time (hours)

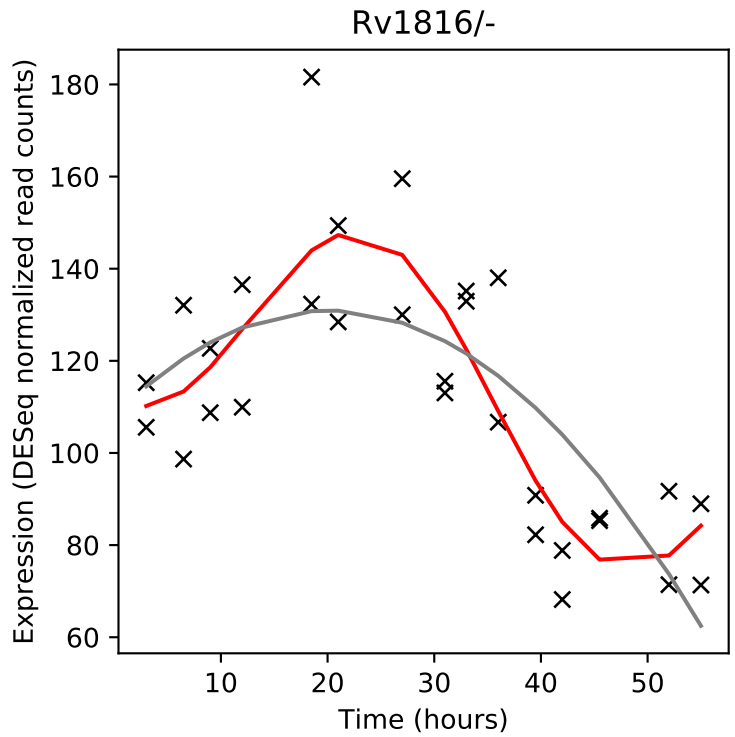

Rv1777/cyp144
Rv1778c/-
Rv1779c/-
Rv1780/-
Rv1781c/malQ
Rv1782/eccB5
Rv1783/eccC5
Rv1785c/cyp143
Rv1786/-
Expression (DESeq normalized read counts)
Time (hours)

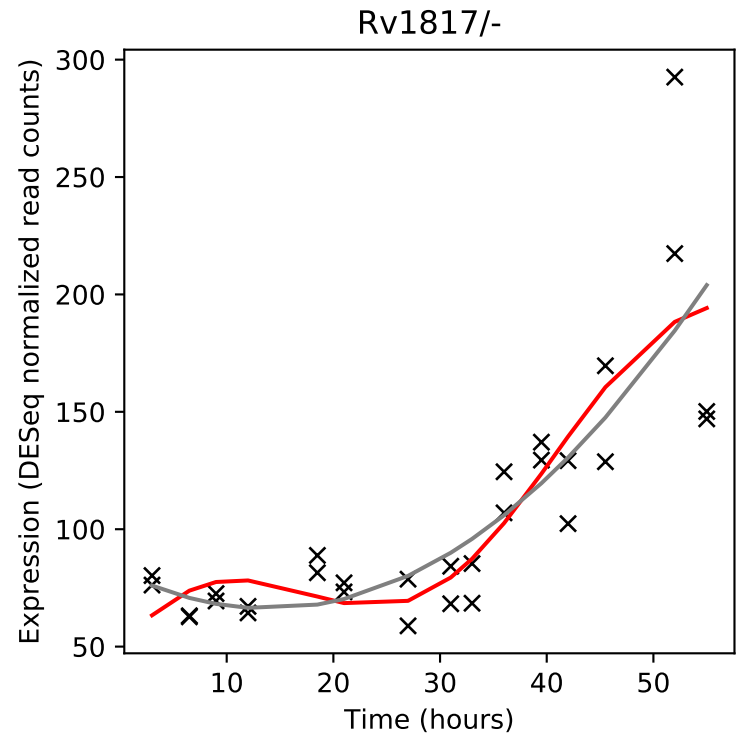

Rv1787/PPE25
Rv1788/PE18
Rv1789/PPE26
Rv1790/PPE27
Rv1791/PE19
Rv1793/esxN
Rv1794/-
Rv1795/eccD5
Rv1796/mycP5
Expression (DESeq normalized read counts)
Time (hours)

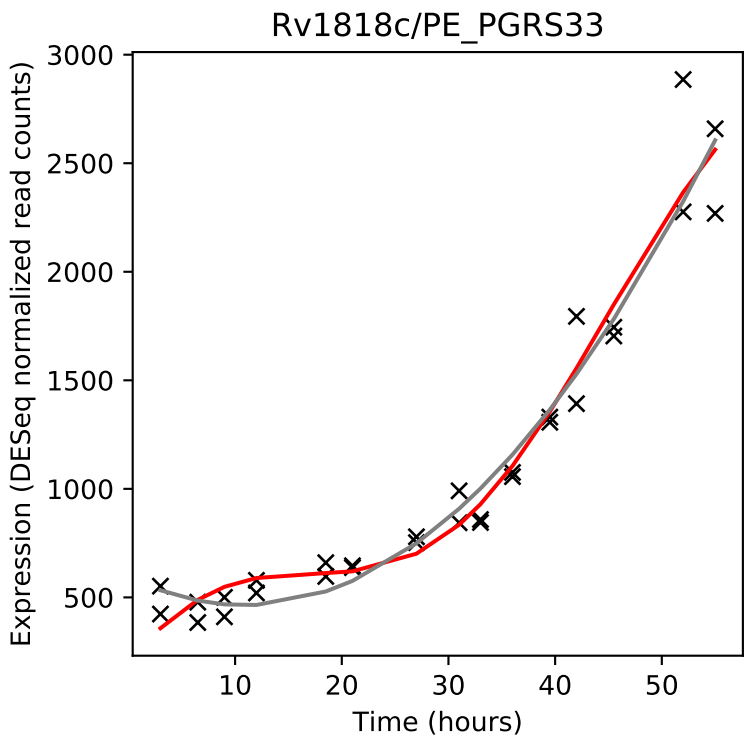

Rv1797/eccE5
Rv1798/eccA5
Rv1799/lppT
Rv1800/PPE28
Rv1801/PPE29
Rv1802/PPE30
Rv1803c/PE_PGRS32
Rv1804c/-
Rv1805c/-
Expression (DESeq normalized read counts)
Time (hours)

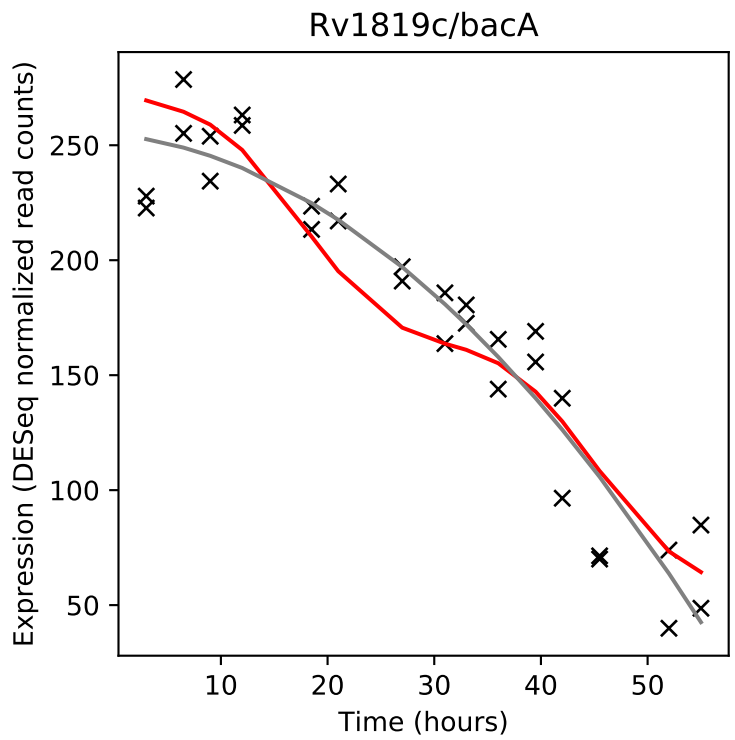

Rv1806/PE20
Rv1807/PPE31
Rv1808/PPE32
Rv1809/PPE33
Rv1810/-
Rv1811/mgtC
Rv1812c/-
Rv1813c/-
Rv1814/erg3
Expression (DESeq normalized read counts)
Time (hours)

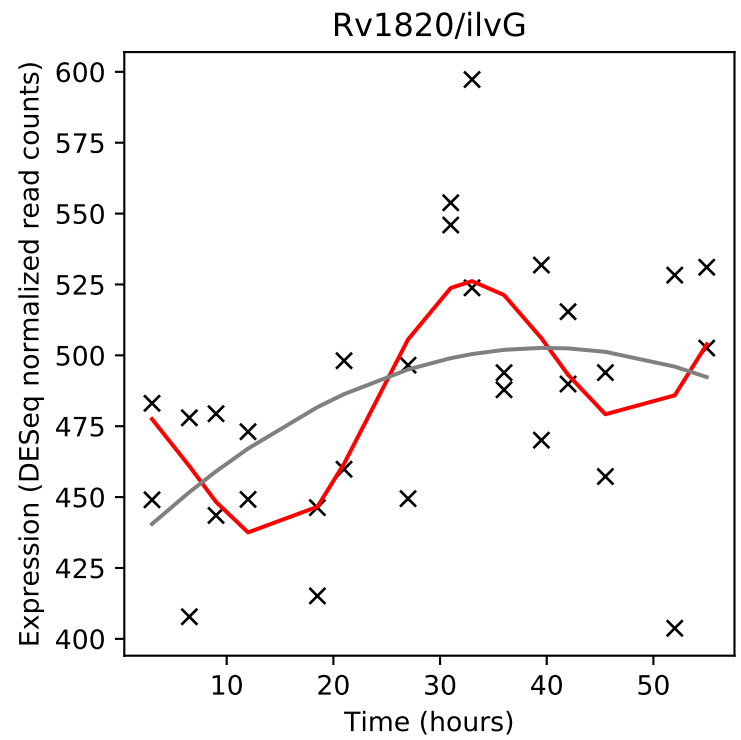

Rv1815/-
Expression (DESeq normalized read counts)
Time (hours)

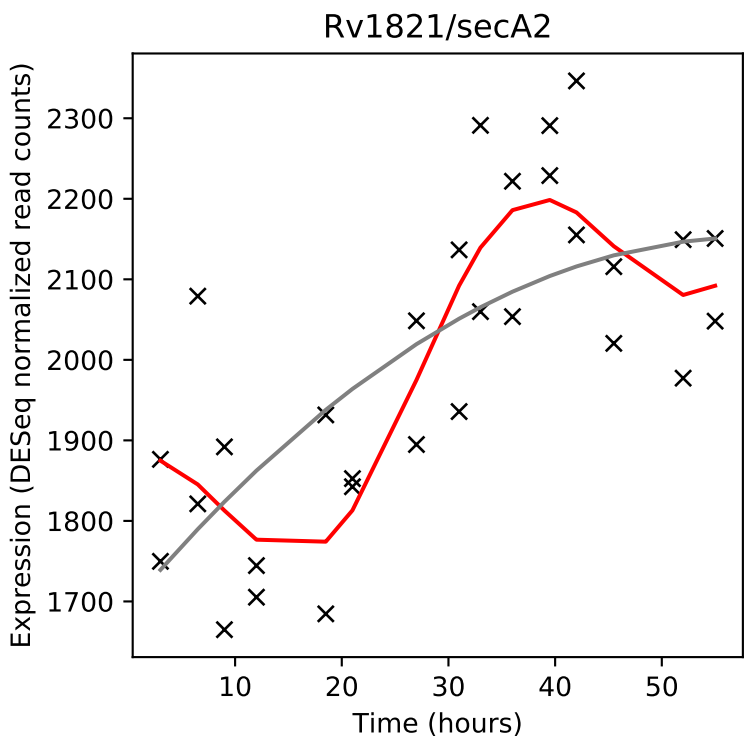

Rv1816/-
Expression (DESeq normalized read counts)
Time (hours)

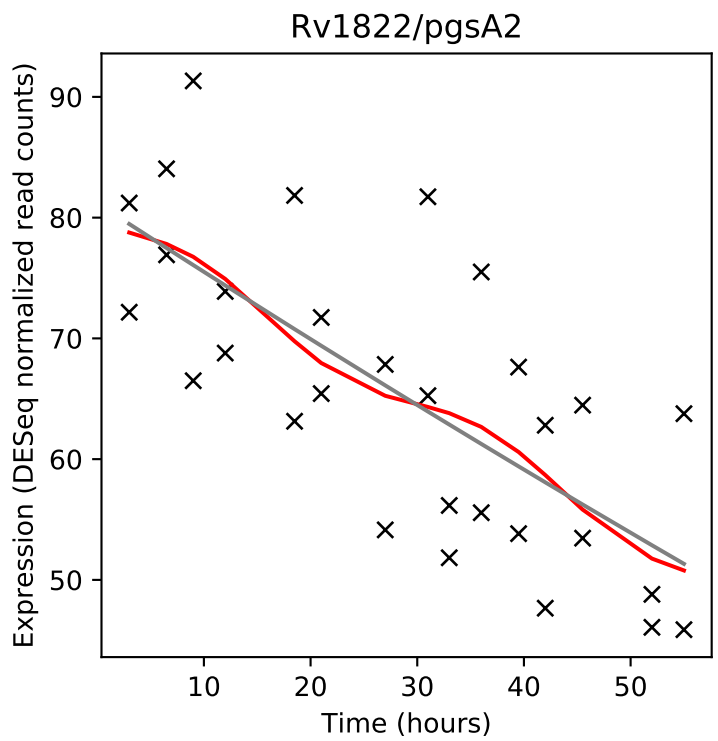

Rv1817/-
Expression (DESeq normalized read counts)
Time (hours)

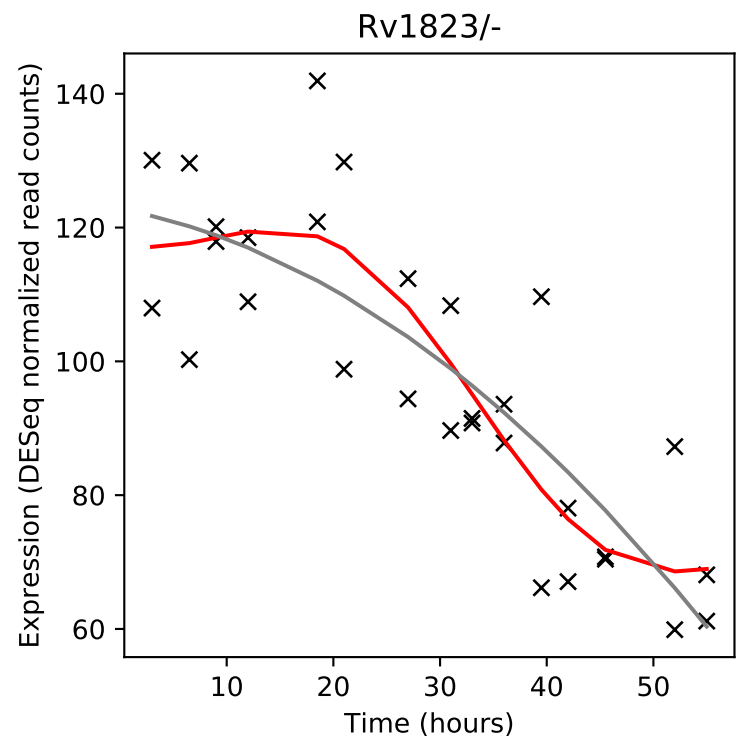

Rv1818c/PE_PGRS33
Expression (DESeq normalized read counts)
Time (hours)

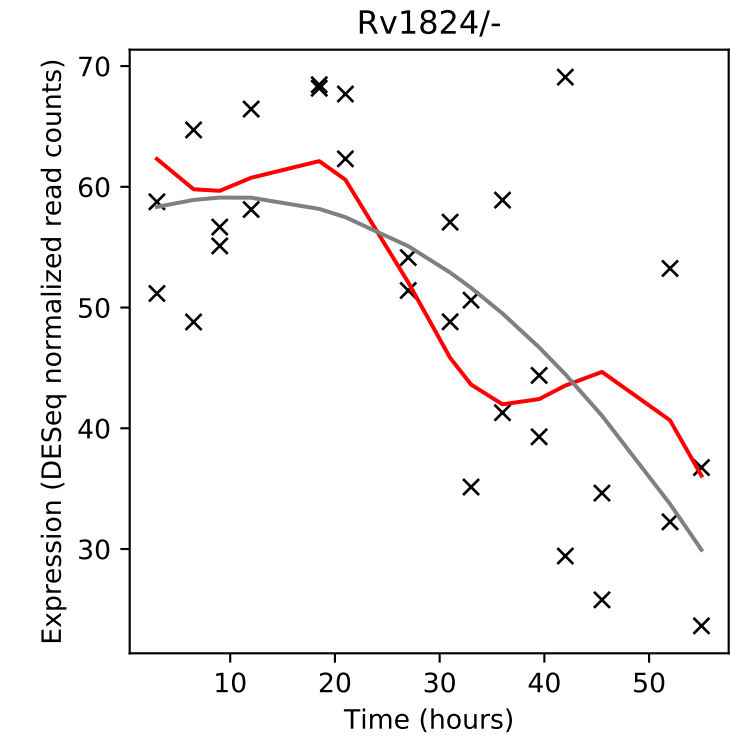

Rv1819c/bacA
Expression (DESeq normalized read counts)
Time (hours)

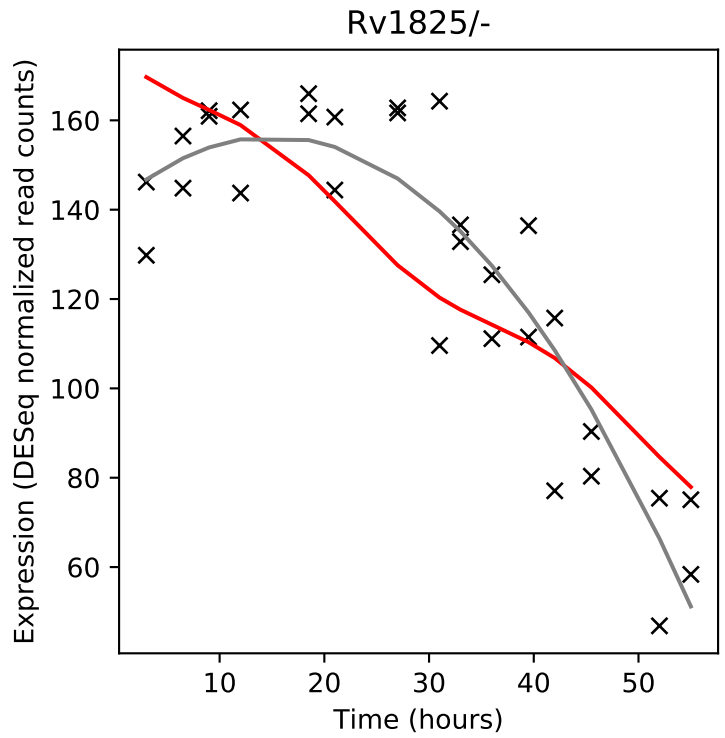

Rv1820/ilvG
Expression (DESeq normalized read counts)
Time (hours)

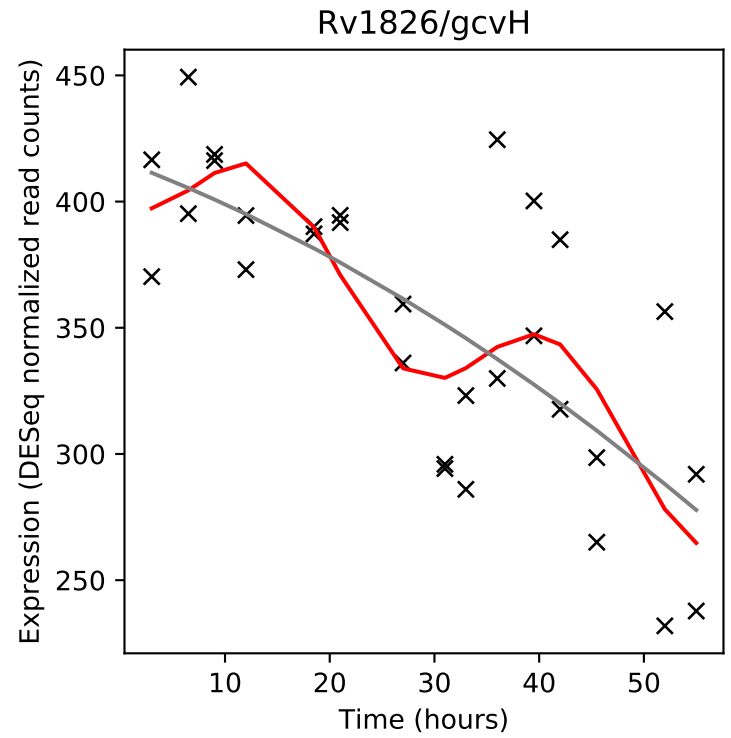

Rv1821/secA2
Expression (DESeq normalized read counts)
Time (hours)

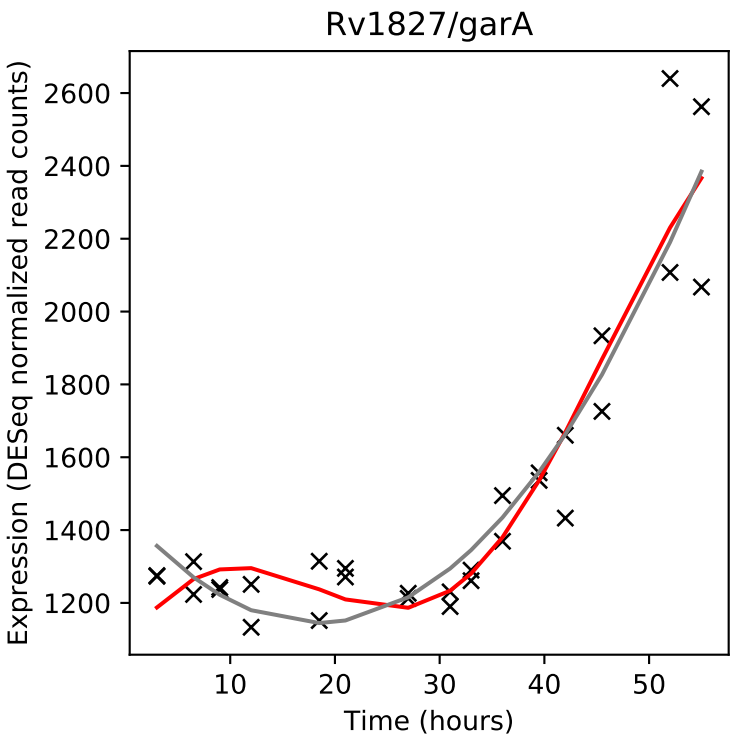

Rv1822/pgsA2
Expression (DESeq normalized read counts)
Time (hours)

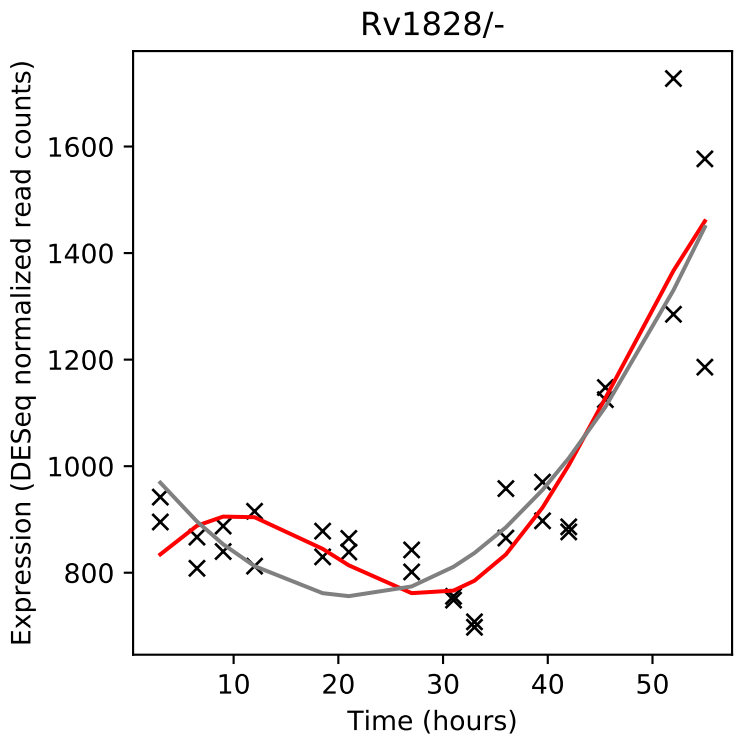

Rv1823/-
Expression (DESeq normalized read counts)
Time (hours)

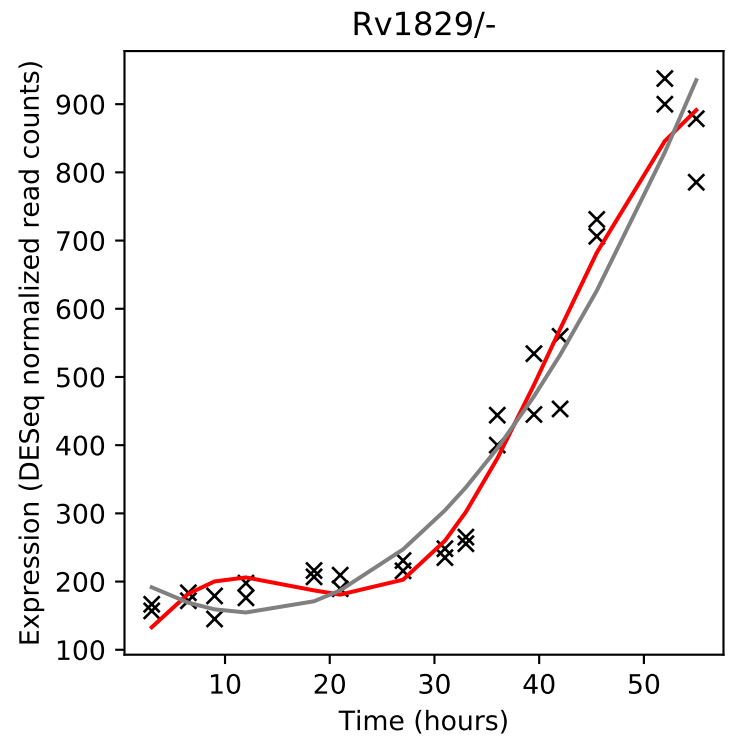

Rv1824/-
Expression (DESeq normalized read counts)
Time (hours)

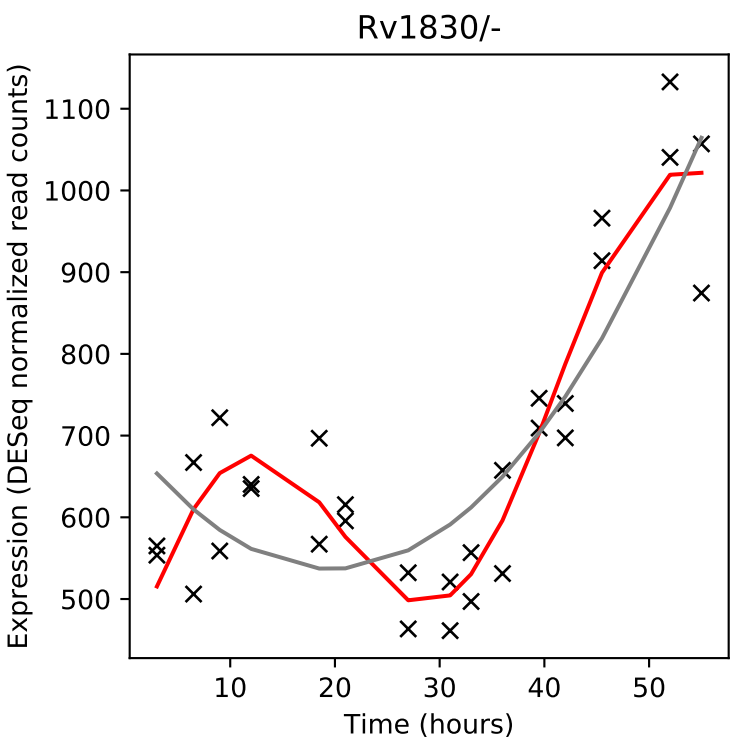

Rv1825/-
Expression (DESeq normalized read counts)
Time (hours)

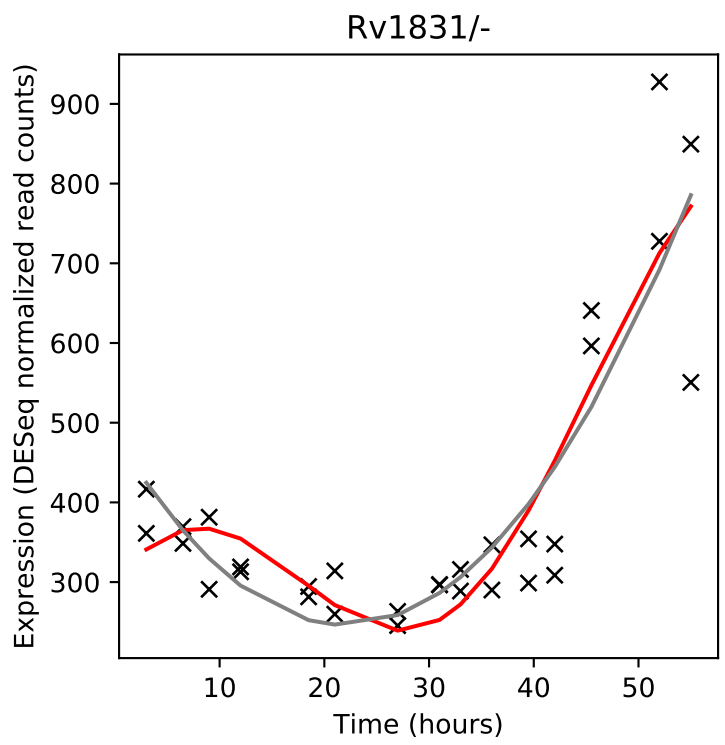

Rv1826/gcvH
Expression (DESeq normalized read counts)
Time (hours)

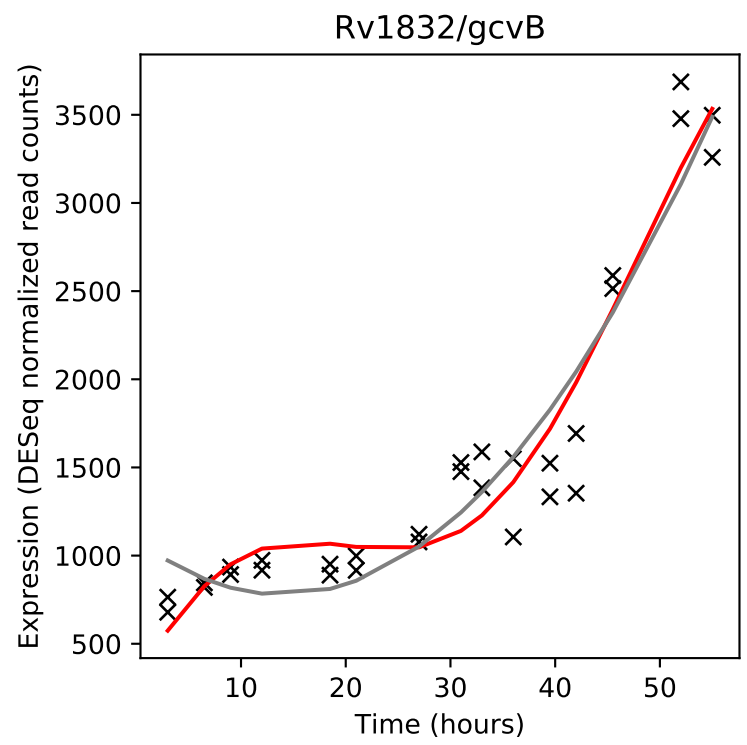

Rv1827/garA
Expression (DESeq normalized read counts)
Time (hours)

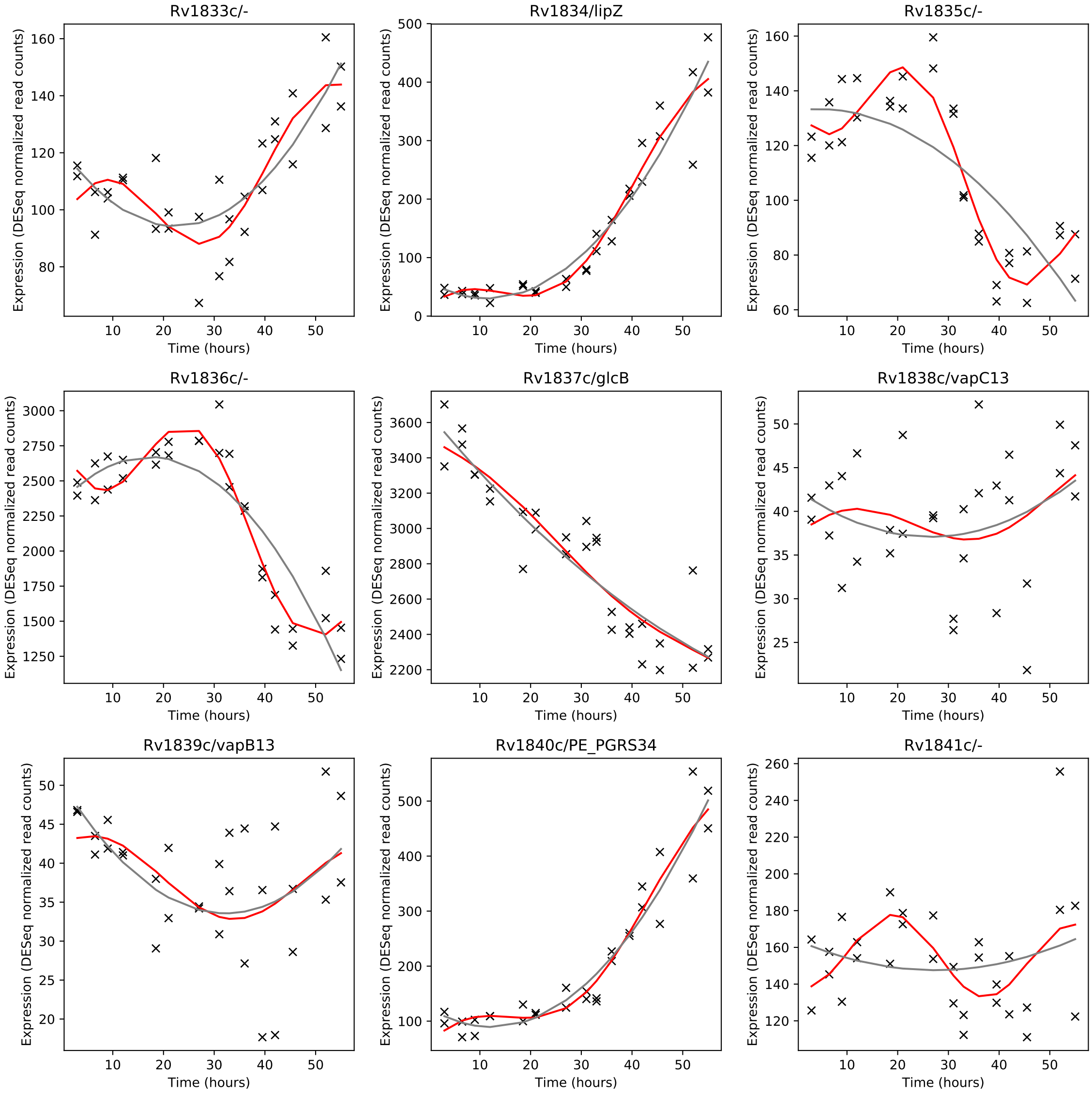

Rv1828/-
Expression (DESeq normalized read counts)
Time (hours)

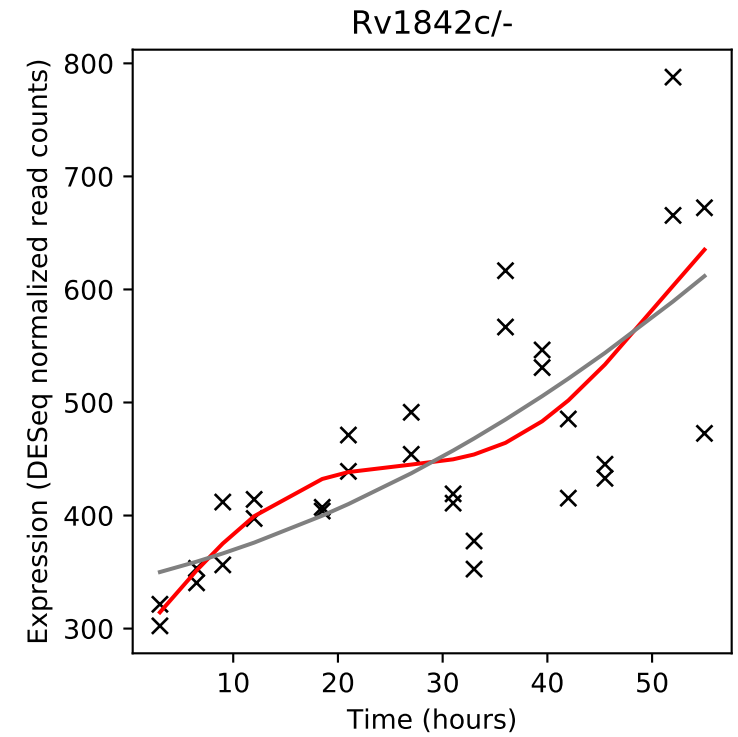

Rv1829/-
Expression (DESeq normalized read counts)
Time (hours)

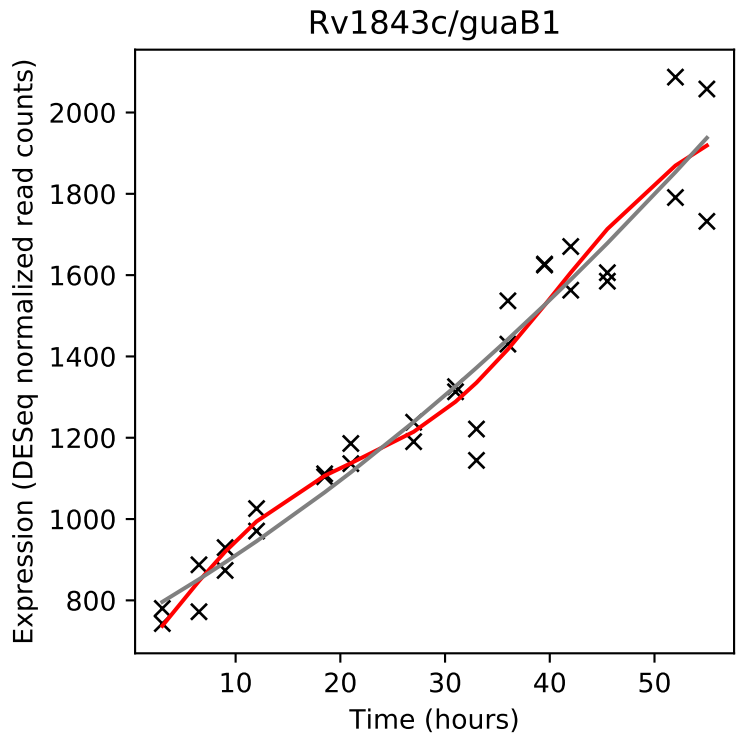

Rv1830/-
Expression (DESeq normalized read counts)
Time (hours)

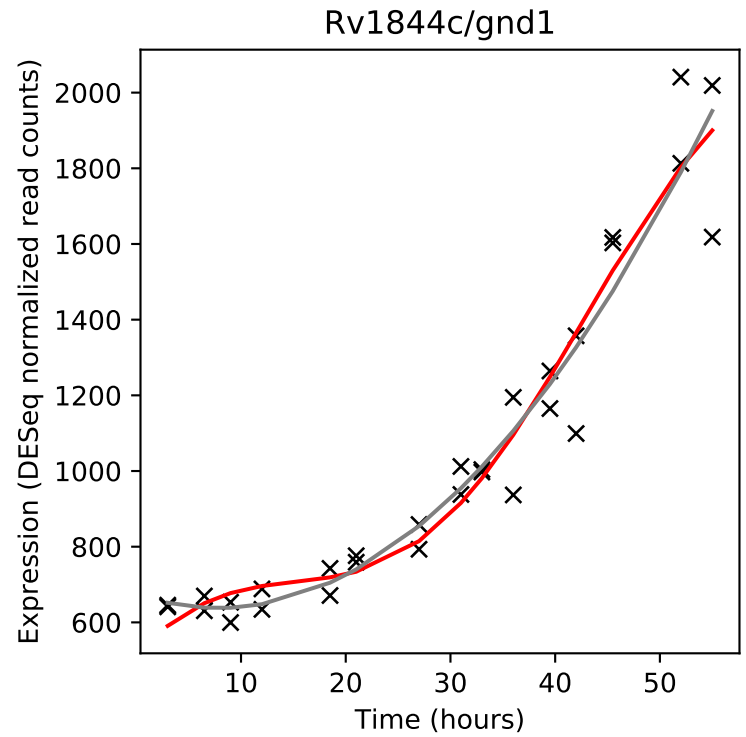

Rv1831/-
Expression (DESeq normalized read counts)
Time (hours)

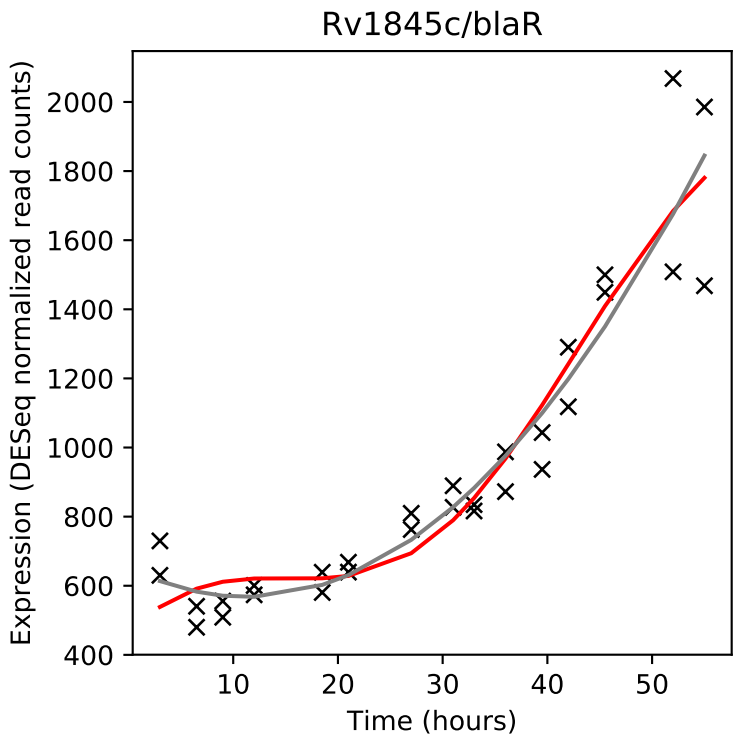

Rv1832/gcvB
Expression (DESeq normalized read counts)
Time (hours)

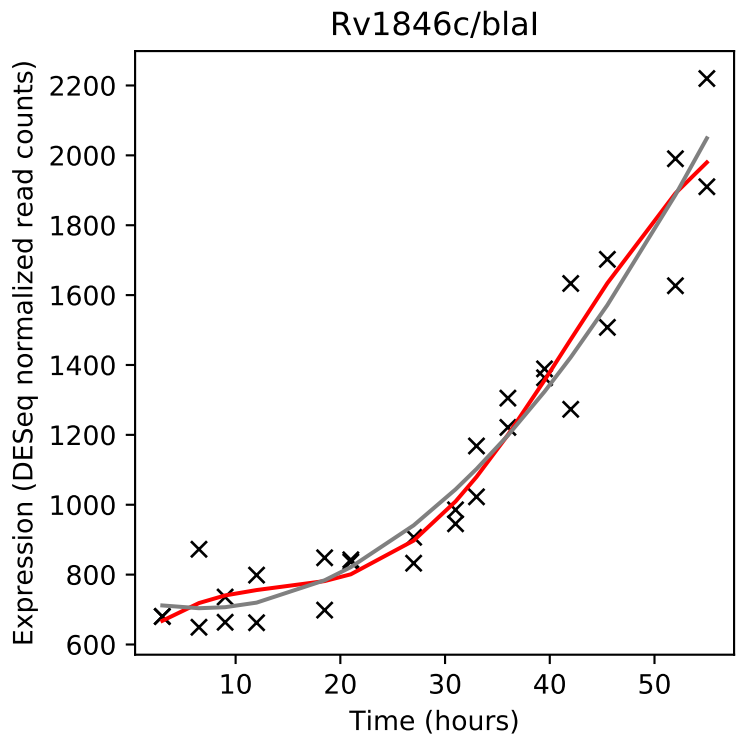

Rv1833c/-
Rv1834/lipZ
Rv1835c/-
Rv1836c/-
Rv1837c/glcB
Rv1838c/vapC13
Rv1839c/vapB13
Rv1840c/PE_PGRS34
Rv1841c/-
Expression (DESeq normalized read counts)
Time (hours)

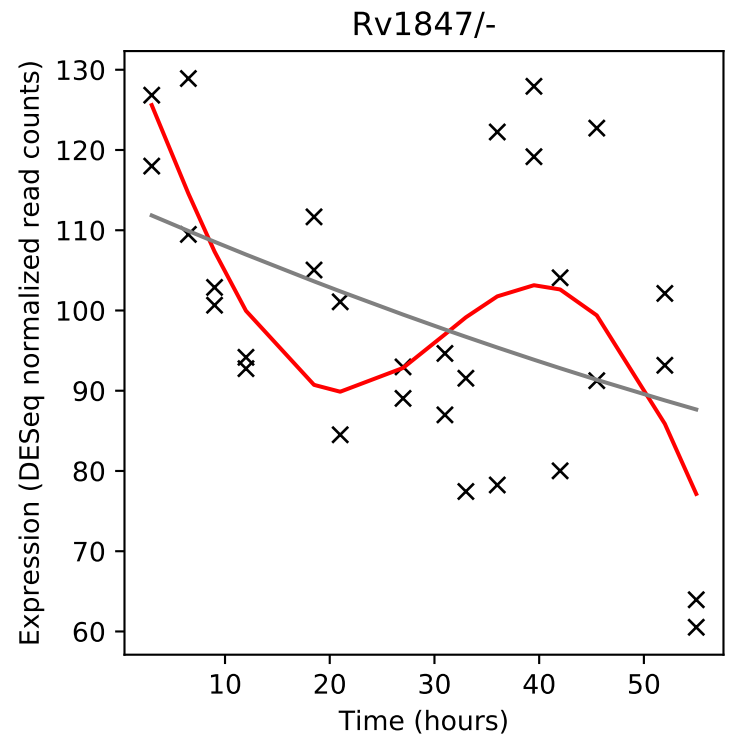

Rv1842c/-
Expression (DESeq normalized read counts)
Time (hours)

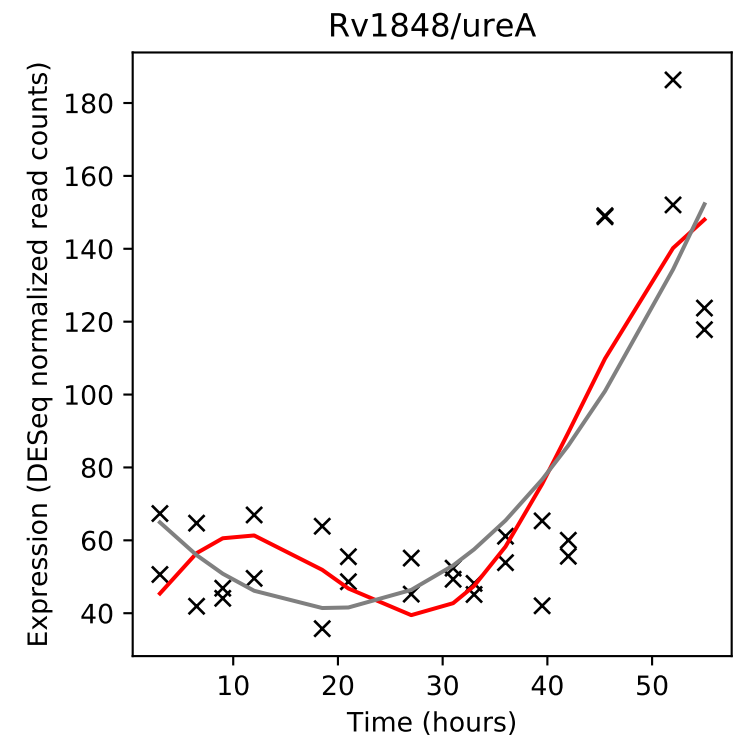

Rv1843c/guaB1
Expression (DESeq normalized read counts)
Time (hours)

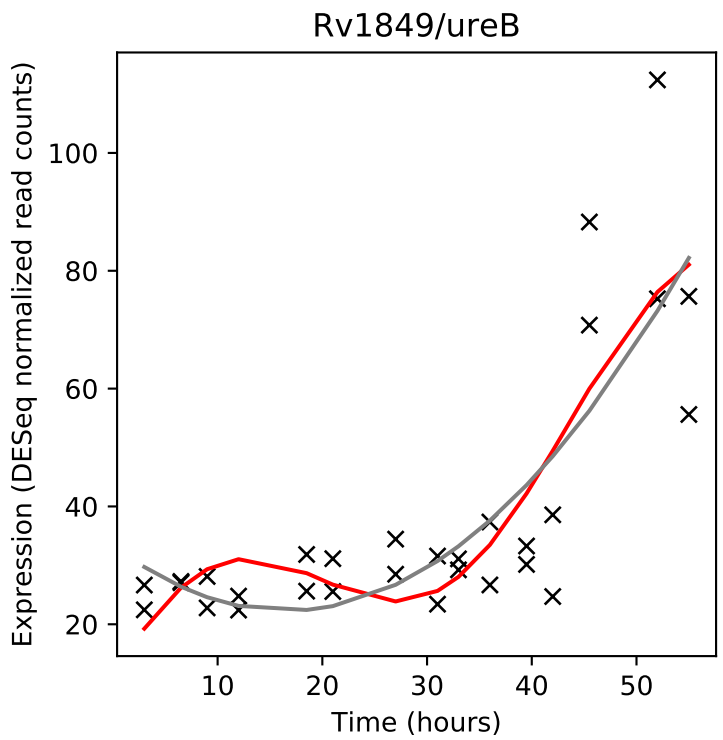

Rv1844c/gnd1
Expression (DESeq normalized read counts)
Time (hours)

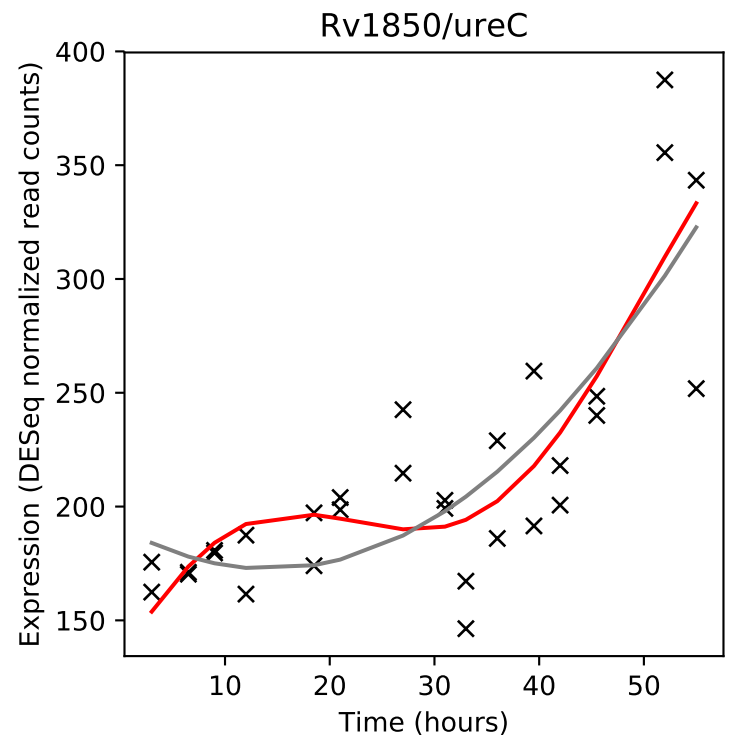

Rv1845c/blaR
Expression (DESeq normalized read counts)
Time (hours)

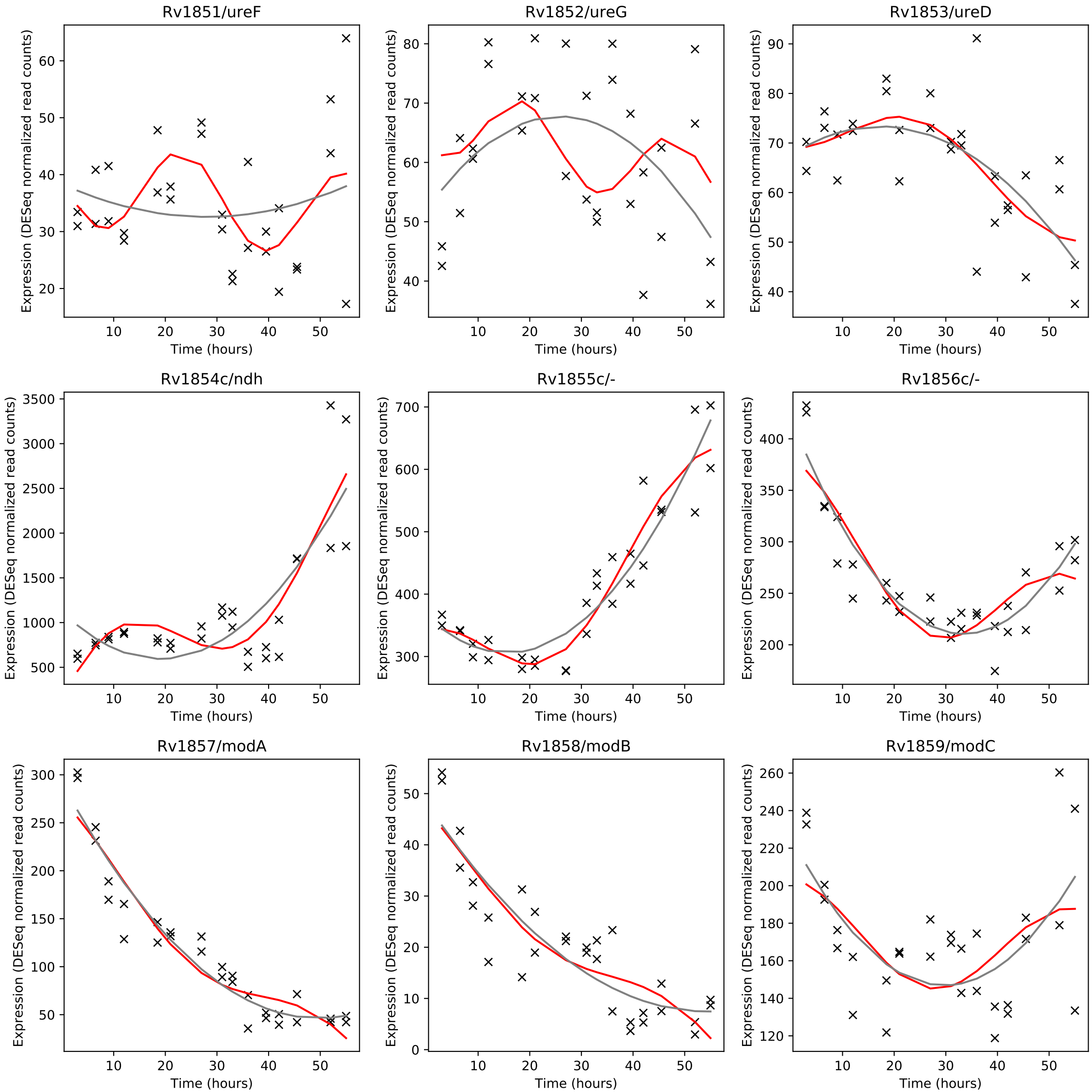

Rv1846c/blaI
Expression (DESeq normalized read counts)
Time (hours)

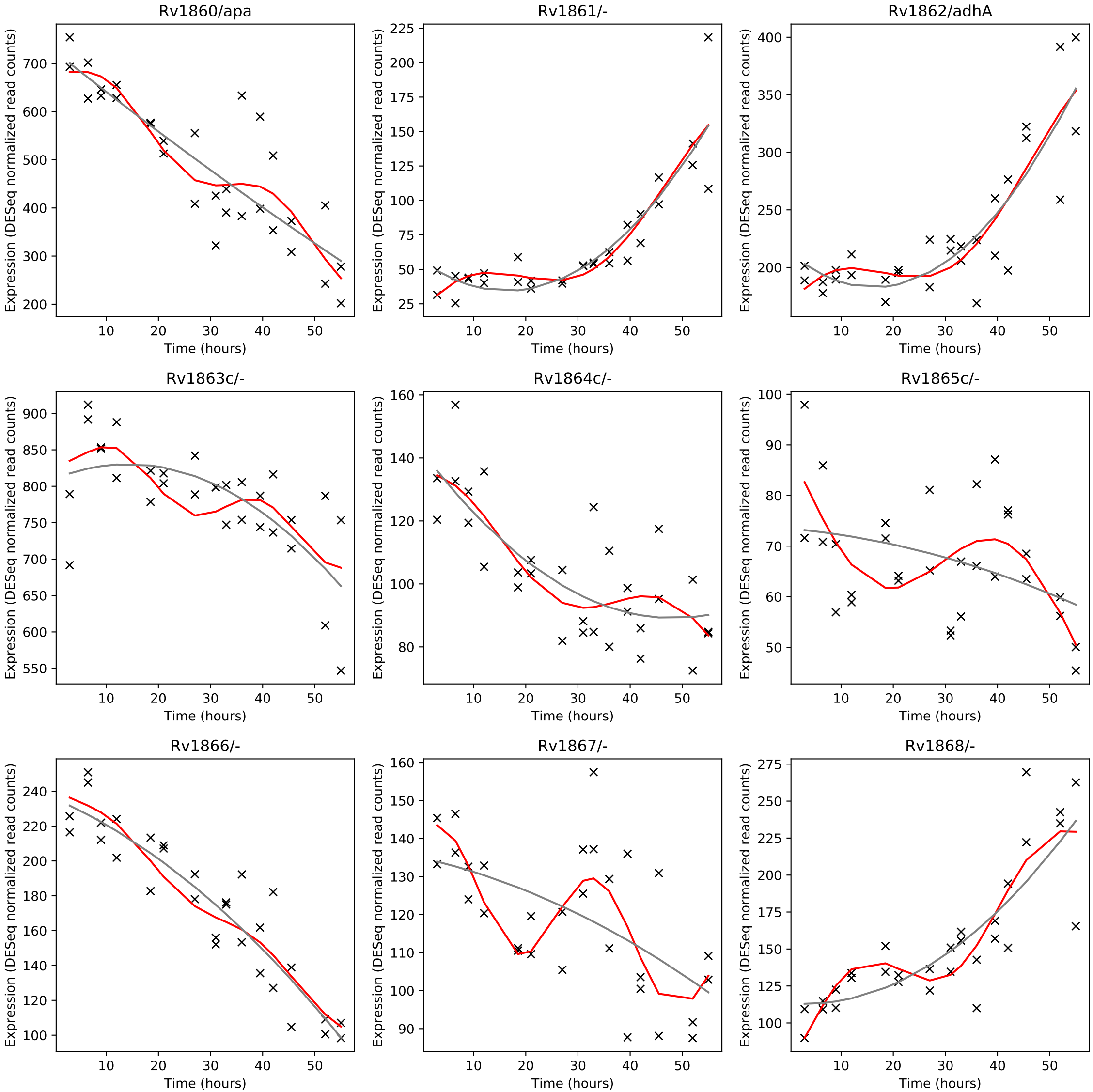

Rv1847/-
Expression (DESeq normalized read counts)
Time (hours)

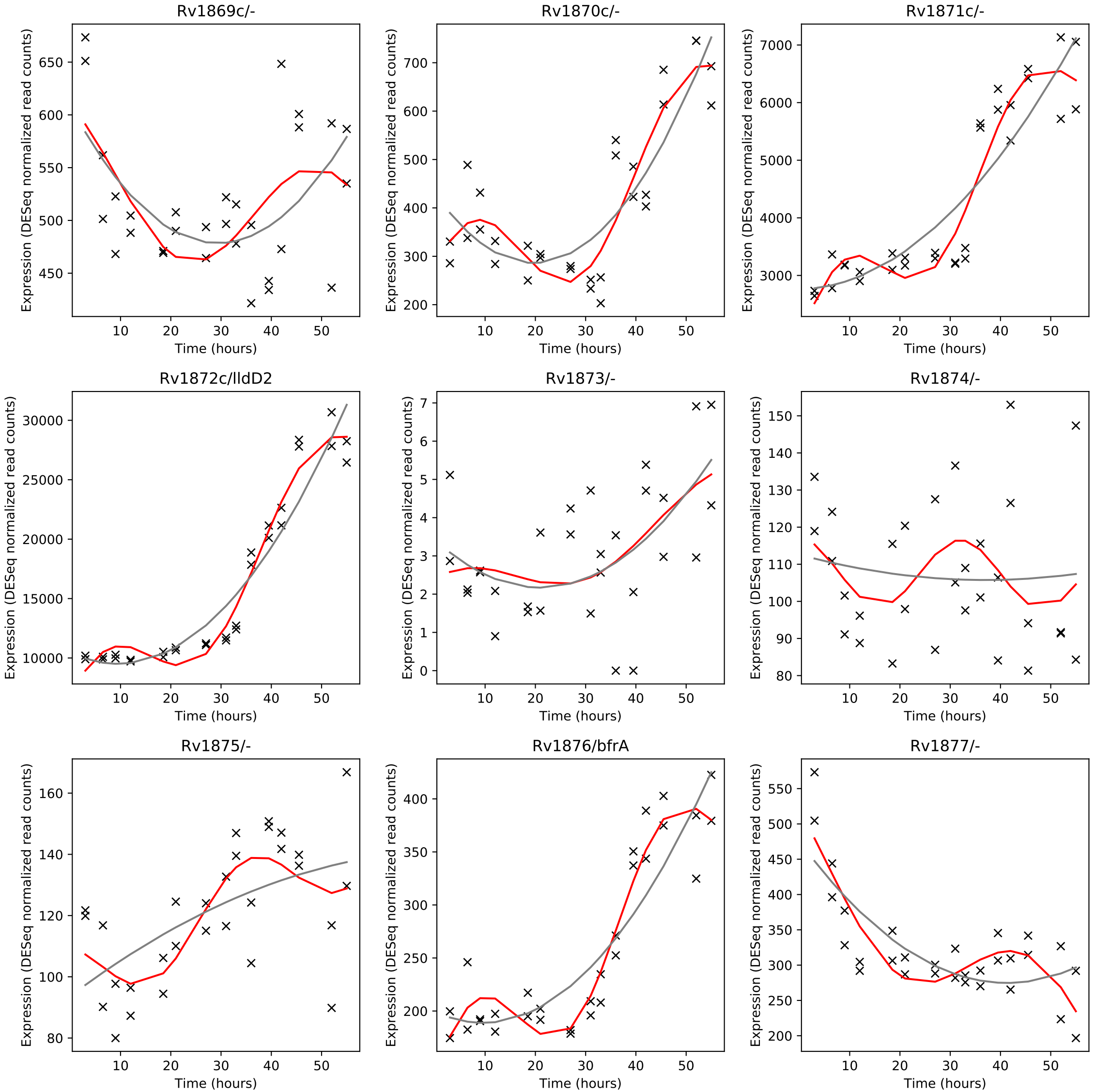

Rv1848/ureA
Expression (DESeq normalized read counts)
Time (hours)

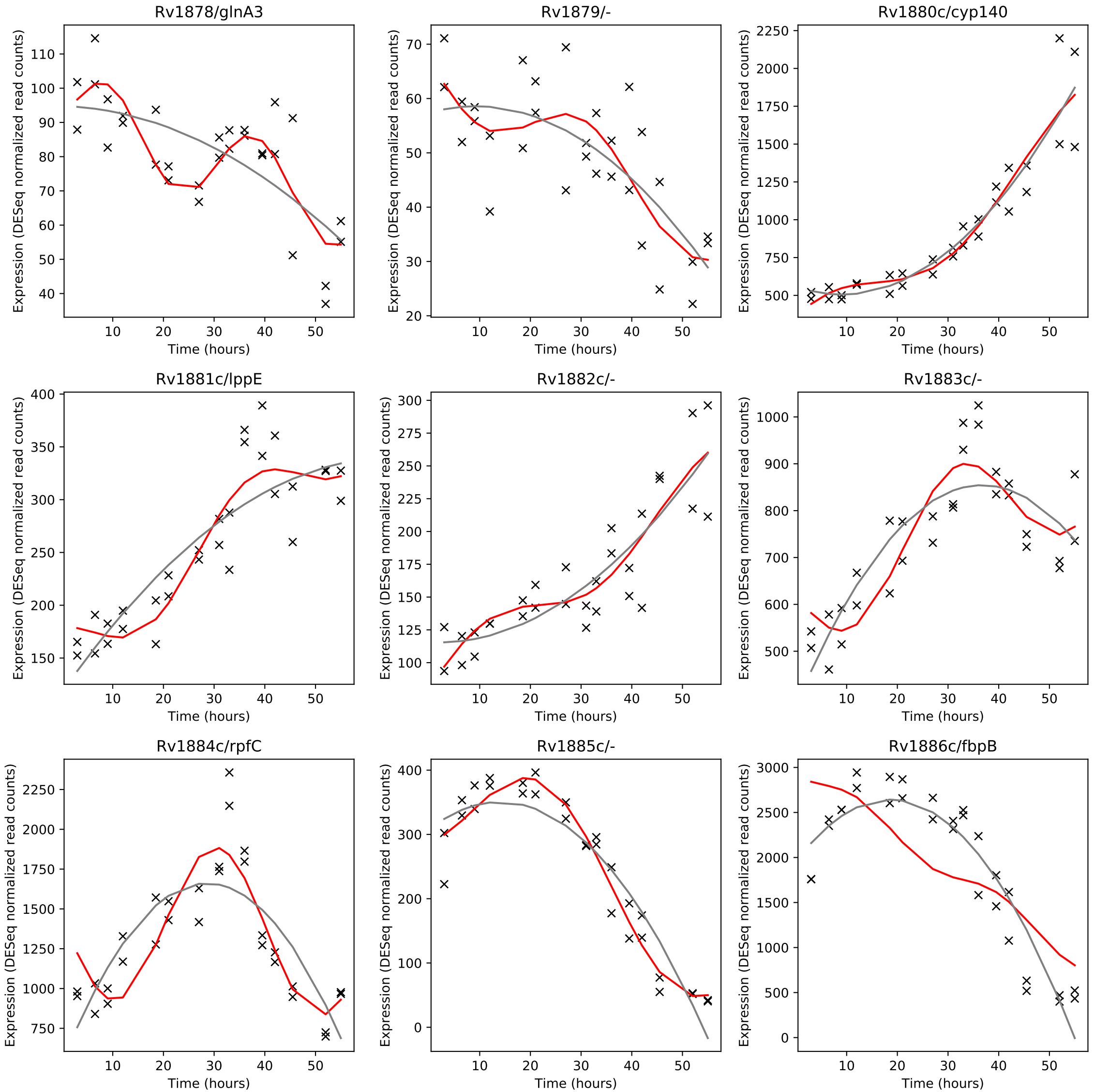

Rv1849/ureB
Expression (DESeq normalized read counts)
Time (hours)

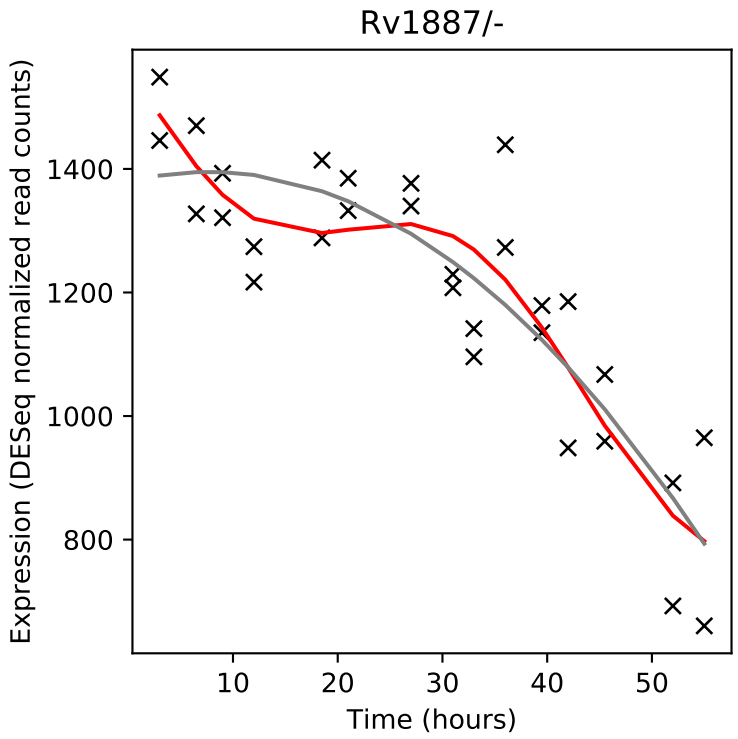

Rv1850/ureC
Expression (DESeq normalized read counts)
Time (hours)

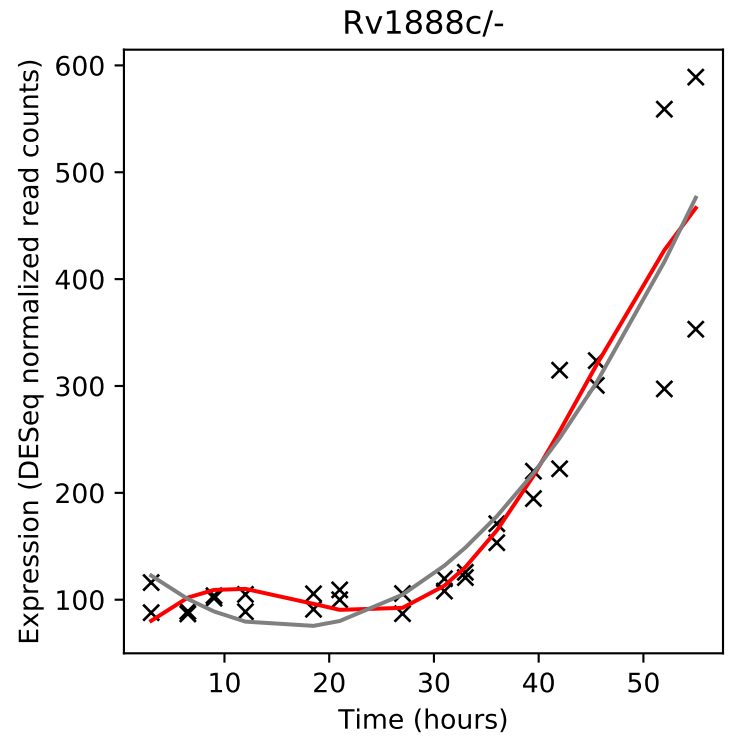

Rv1851/ureF
Rv1852/ureG
Rv1853/ureD
Rv1854c/ndh
Rv1855c/-
Rv1856c/-
Rv1857/modA
Rv1858/modB
Rv1859/modC
Expression (DESeq normalized read counts)
Time (hours)

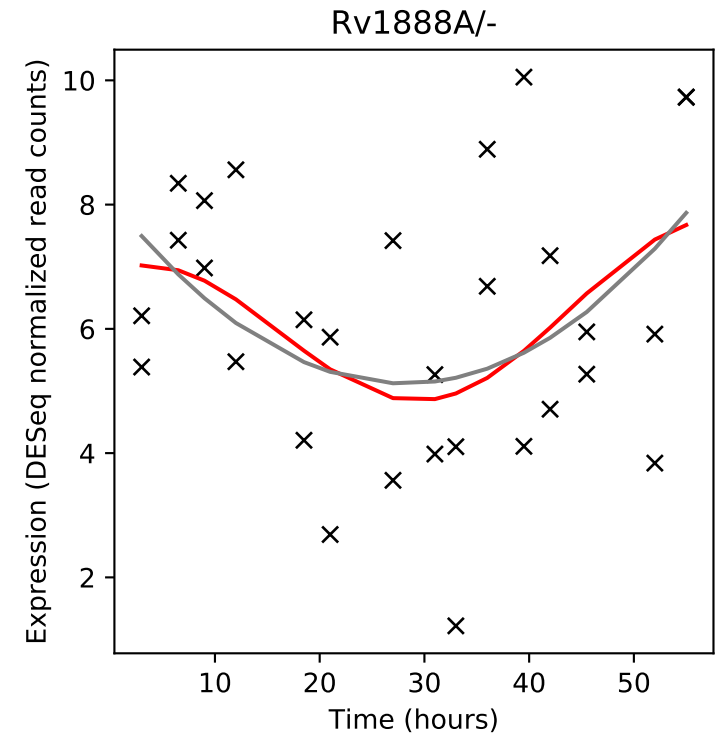

Rv1860/apa
Rv1861/-
Rv1862/adhA
Rv1863c/-
Rv1864c/-
Rv1865c/-
Rv1866/-
Rv1867/-
Rv1868/-
Expression (DESeq normalized read counts)
Time (hours)

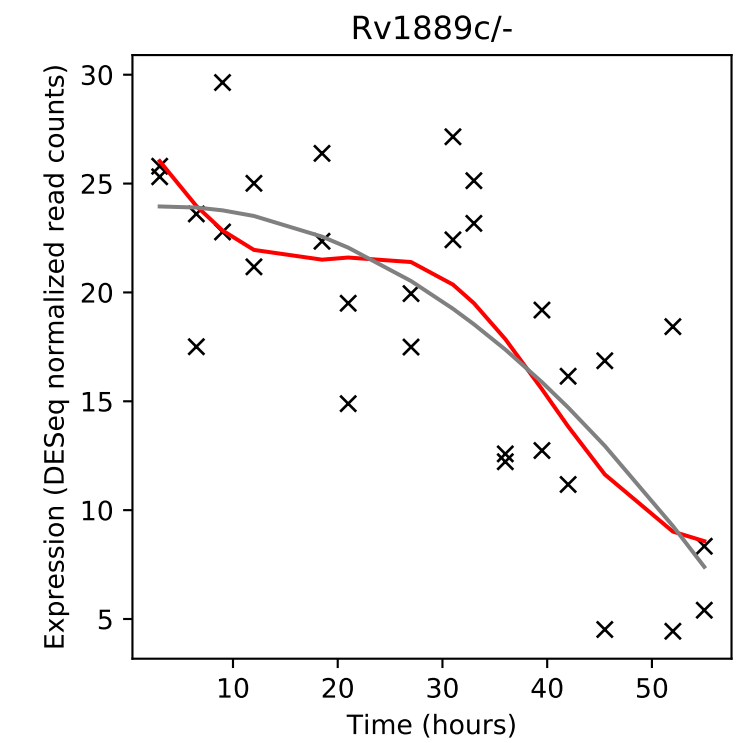

Rv1869c/-
Rv1870c/-
Rv1871c/-
Rv1872c/lldD2
Rv1873/-
Rv1874/-
Rv1875/-
Rv1876/bfrA
Rv1877/-
Expression (DESeq normalized read counts)
Time (hours)

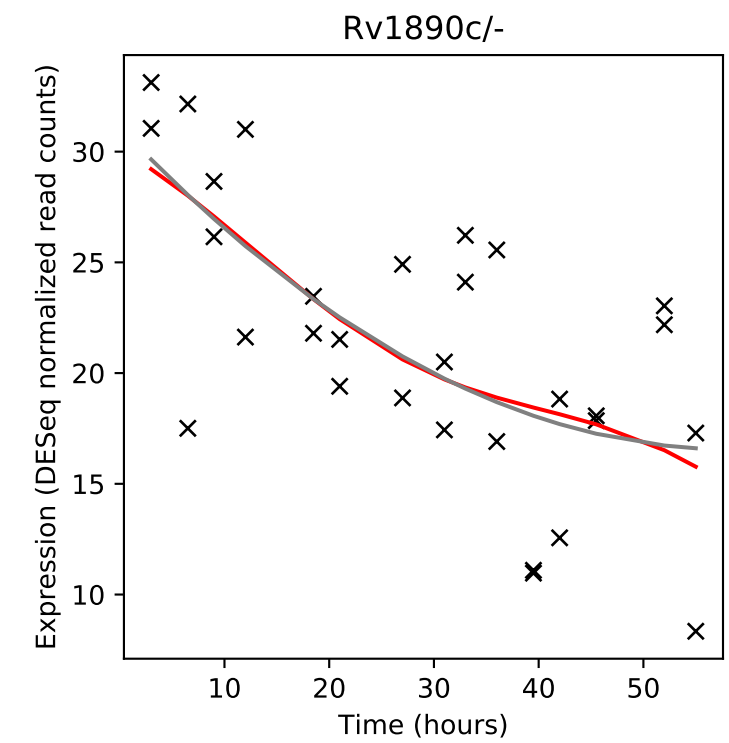

Rv1878/glnA3
Rv1879/-
Rv1880c/cyp140
Rv1881c/lppE
Rv1882c/-
Rv1883c/-
Rv1884c/rpfC
Rv1885c/-
Rv1886c/fbpB
Expression (DESeq normalized read counts)
Time (hours)

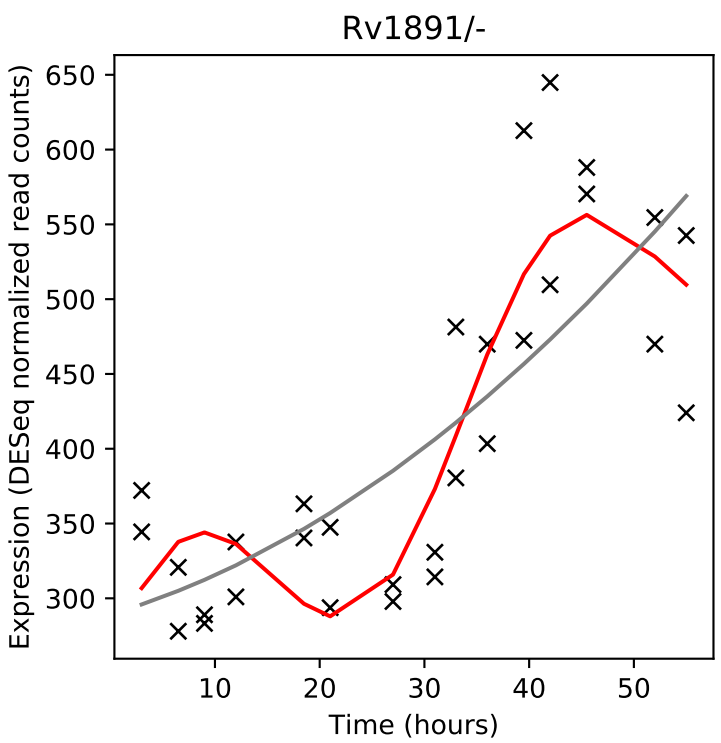

Rv1887/-
Expression (DESeq normalized read counts)
Time (hours)

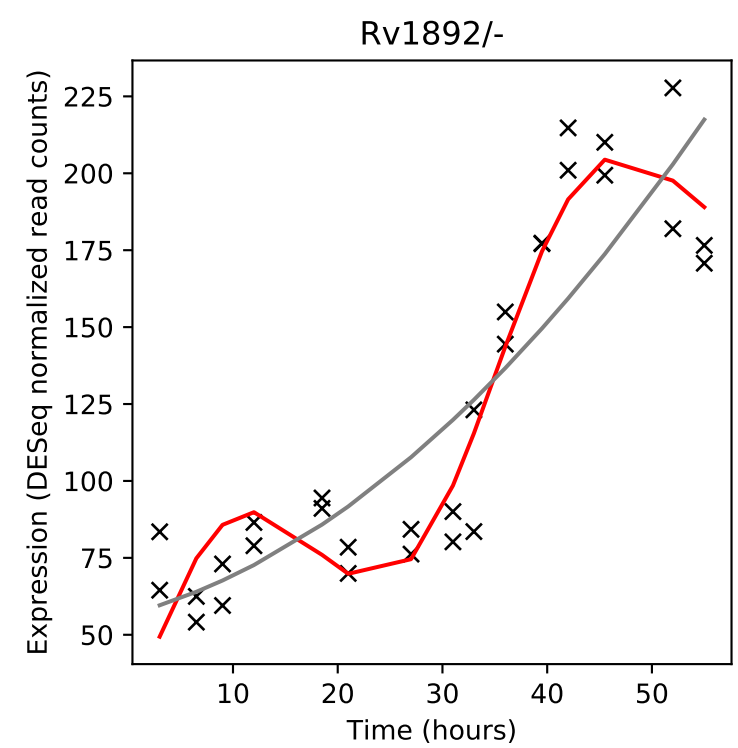

Rv1888c/-
Expression (DESeq normalized read counts)
Time (hours)

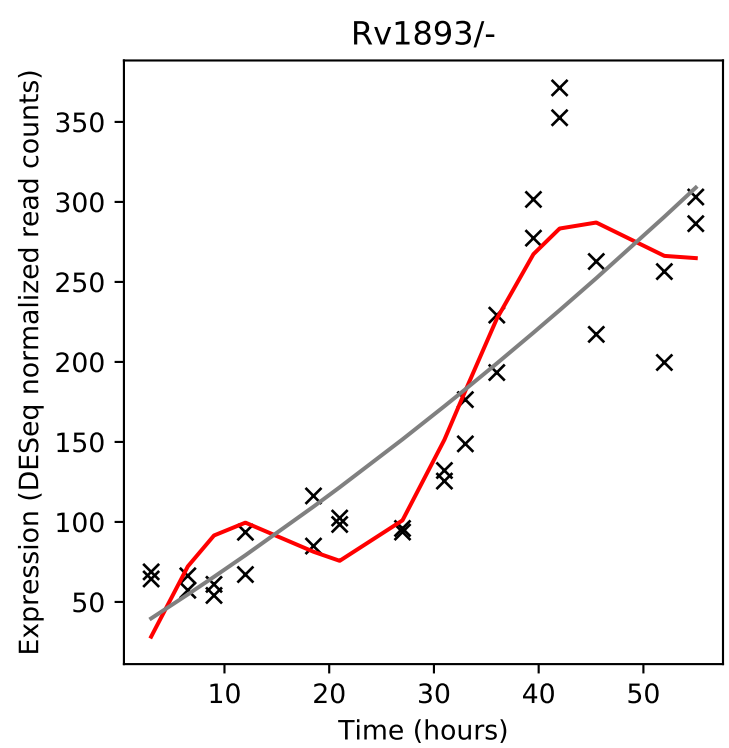

Rv1888A/-
Expression (DESeq normalized read counts)
Time (hours)

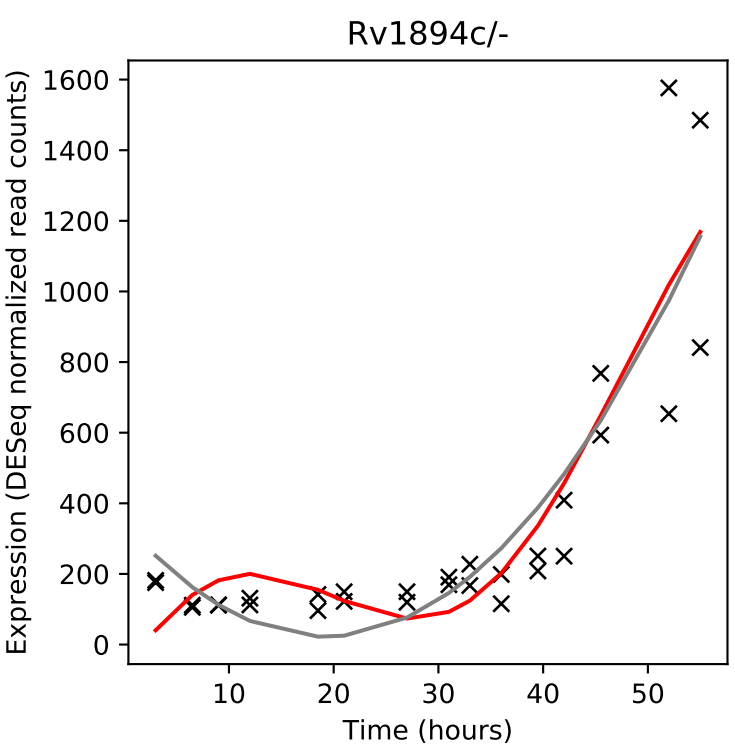

Rv1889c/-
Expression (DESeq normalized read counts)
Time (hours)

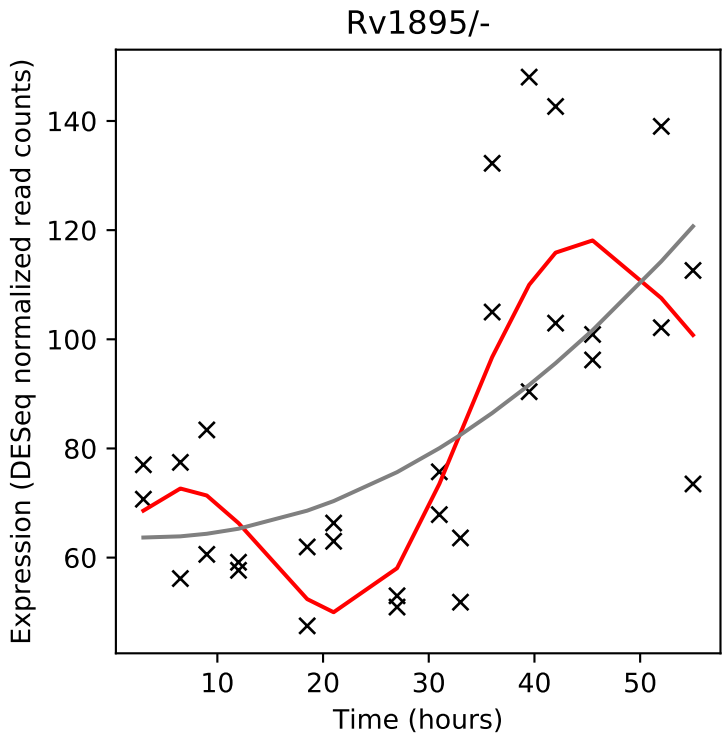

Rv1890c/-
Expression (DESeq normalized read counts)
Time (hours)

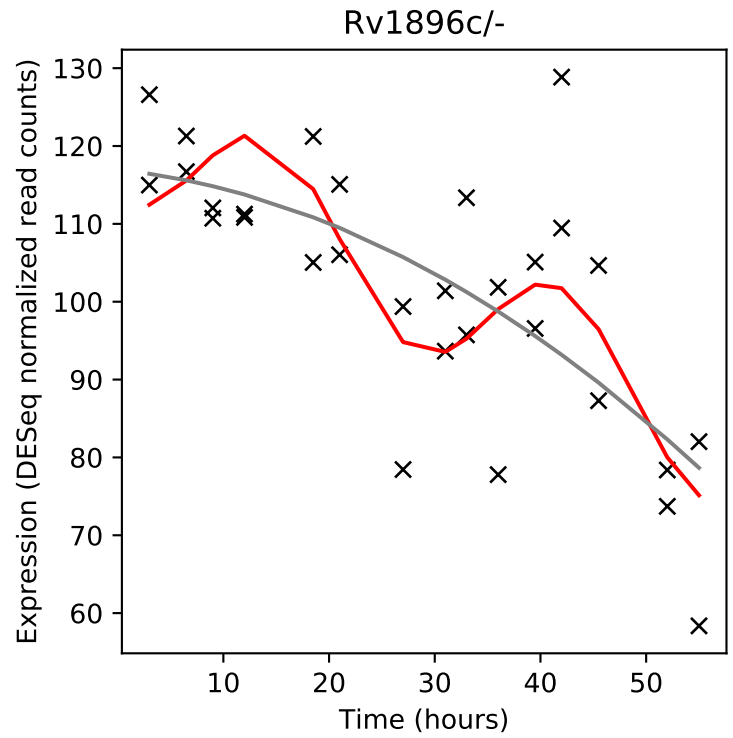

Rv1891/-
Expression (DESeq normalized read counts)
Time (hours)

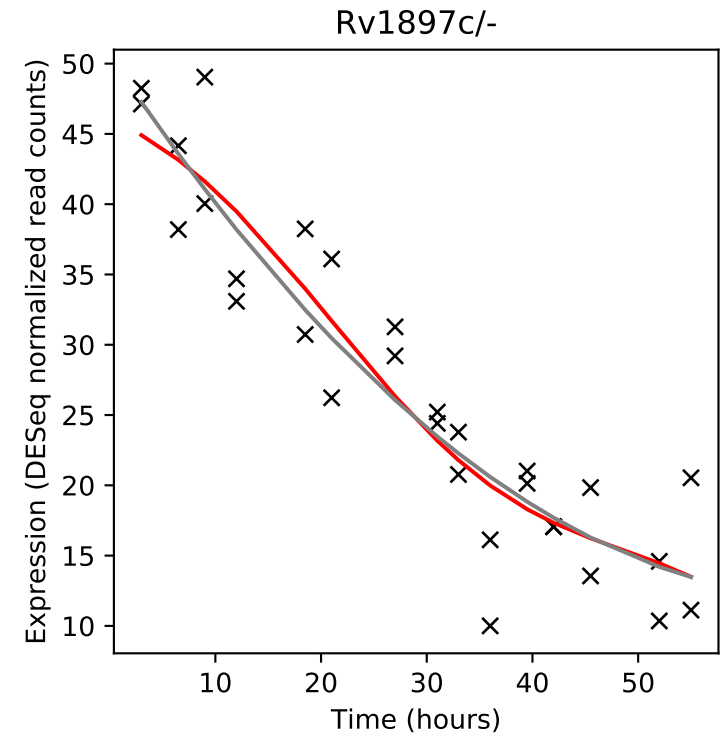

Rv1892/-
Expression (DESeq normalized read counts)
Time (hours)

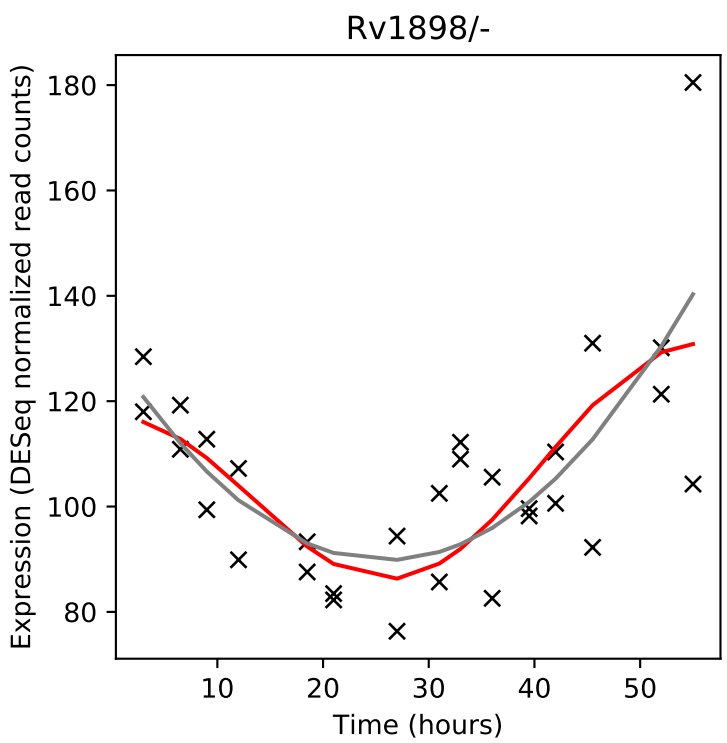

Rv1893/-
Expression (DESeq normalized read counts)
Time (hours)

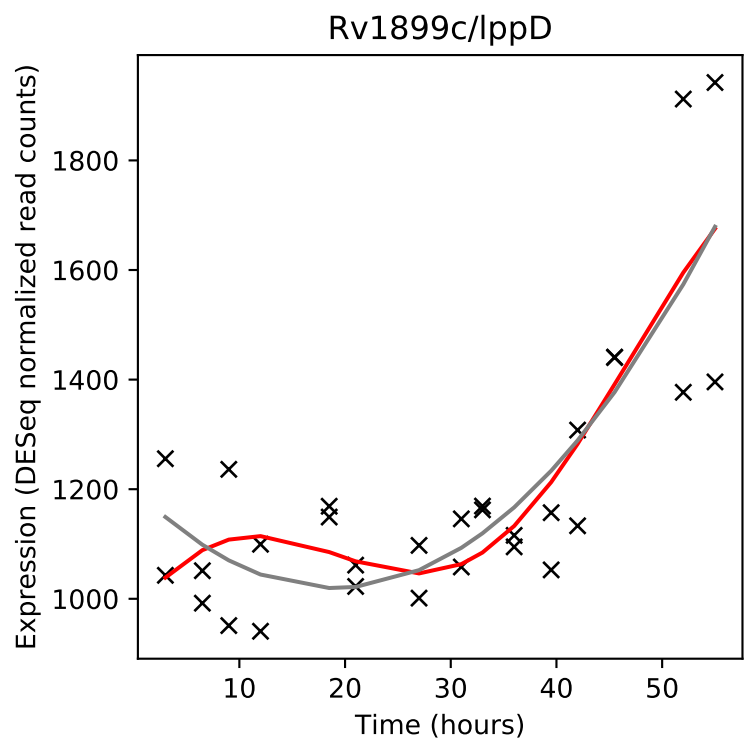

Rv1894c/-
Expression (DESeq normalized read counts)
Time (hours)

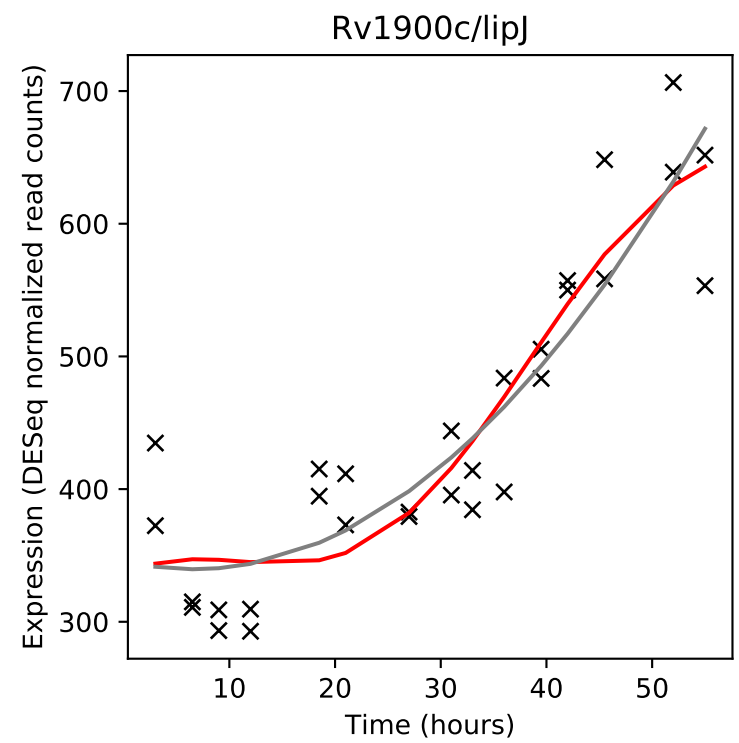

Rv1895/-
Expression (DESeq normalized read counts)
Time (hours)

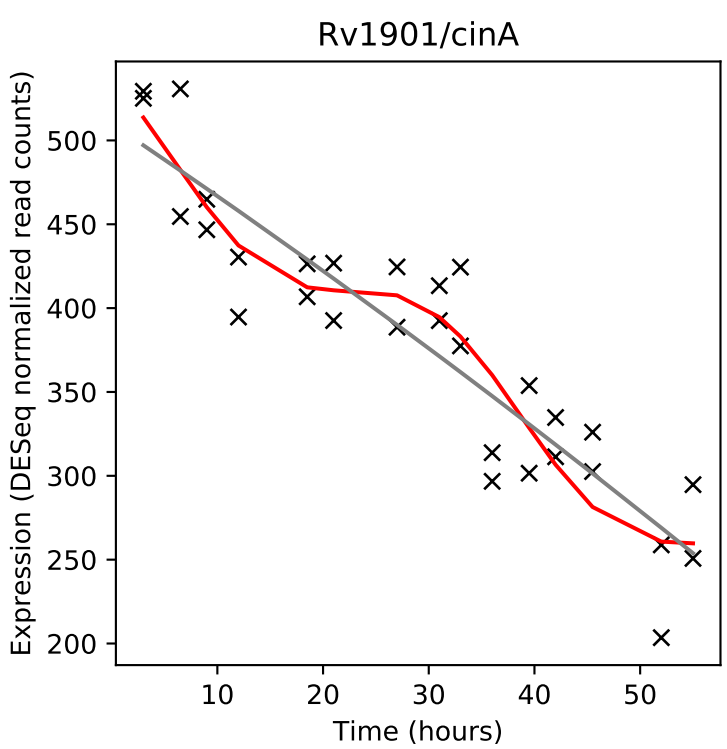

Rv1896c/-
Expression (DESeq normalized read counts)
Time (hours)

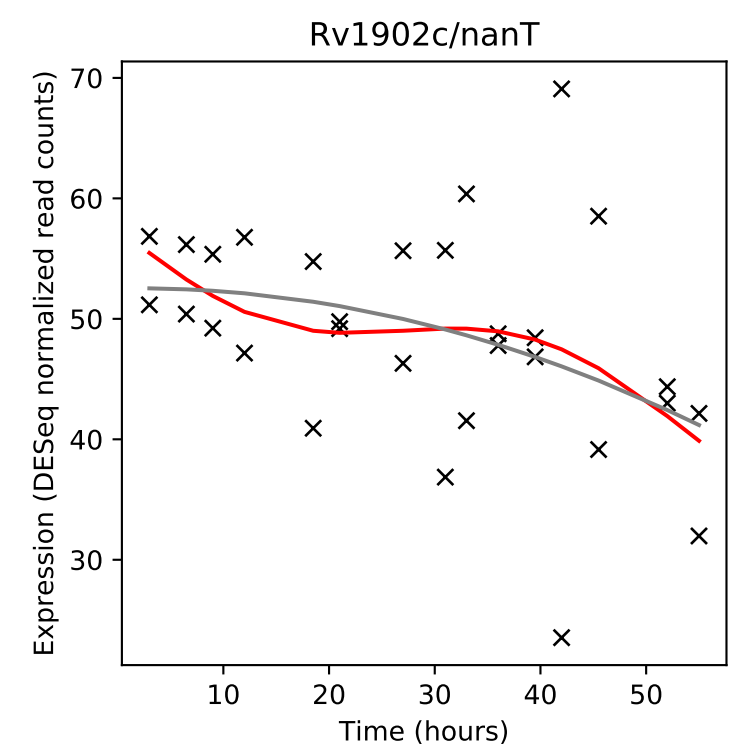

Rv1897c/-
Expression (DESeq normalized read counts)
Time (hours)

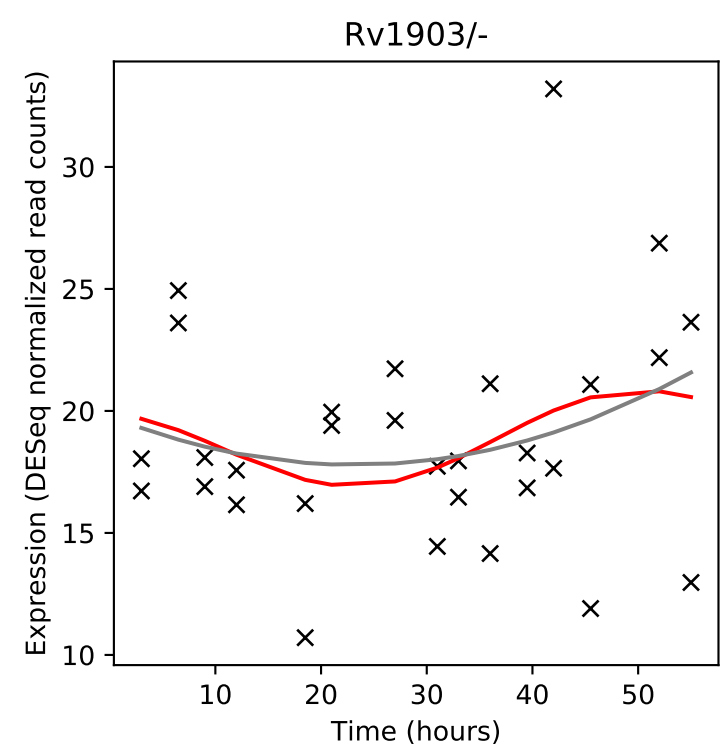

Rv1898/-
Expression (DESeq normalized read counts)
Time (hours)

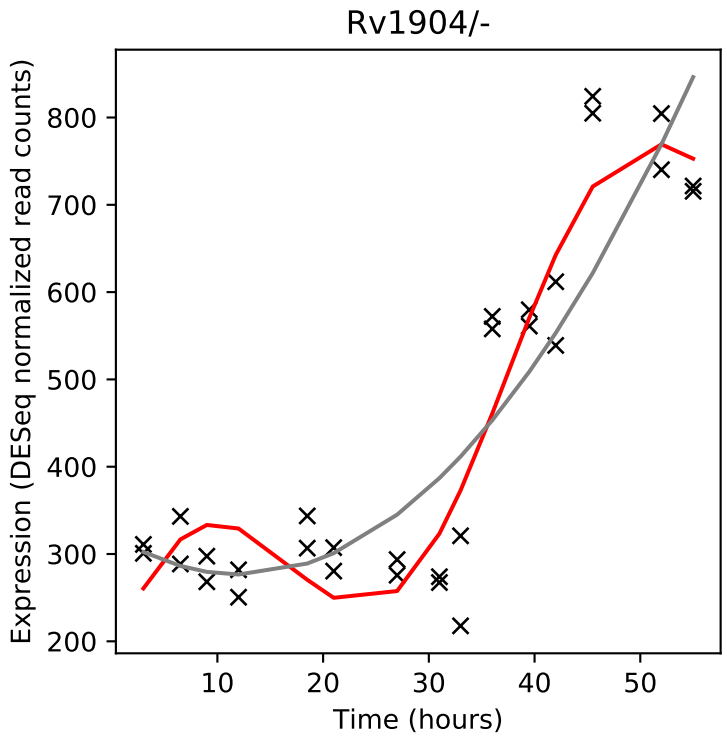

Rv1899c/lppD
Expression (DESeq normalized read counts)
Time (hours)

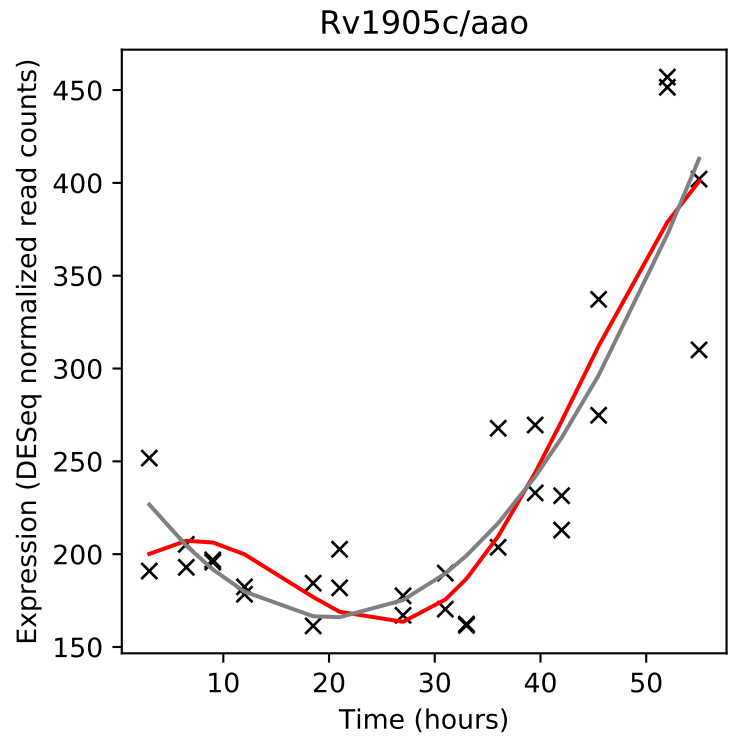

Rv1900c/lipJ
Expression (DESeq normalized read counts)
Time (hours)

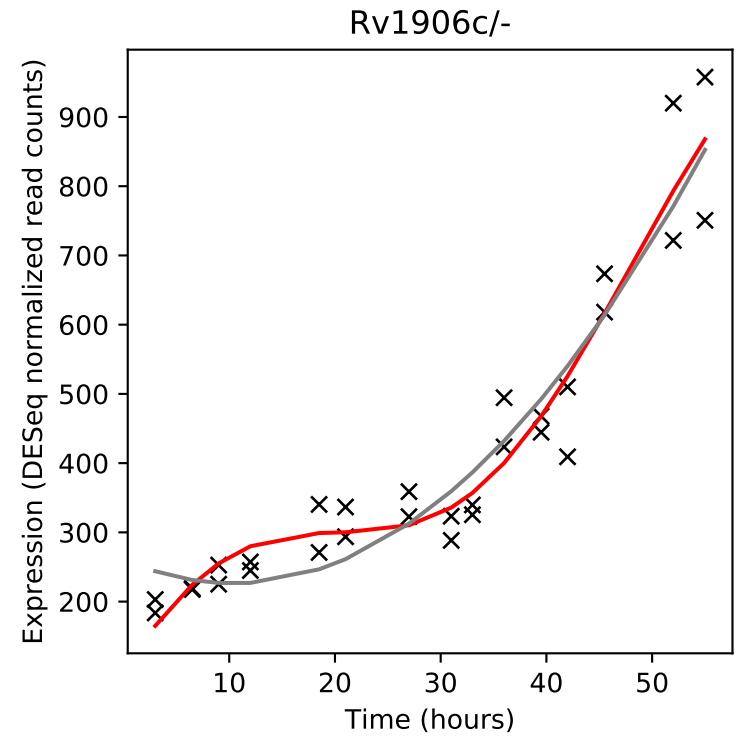

Rv1901/cinA
Expression (DESeq normalized read counts)
Time (hours)

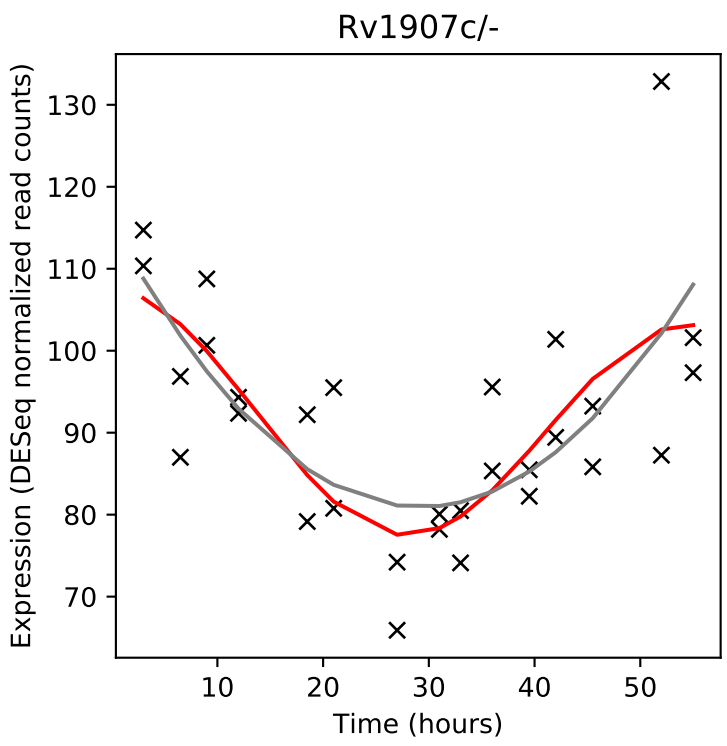

Rv1902c/nanT
Expression (DESeq normalized read counts)
Time (hours)

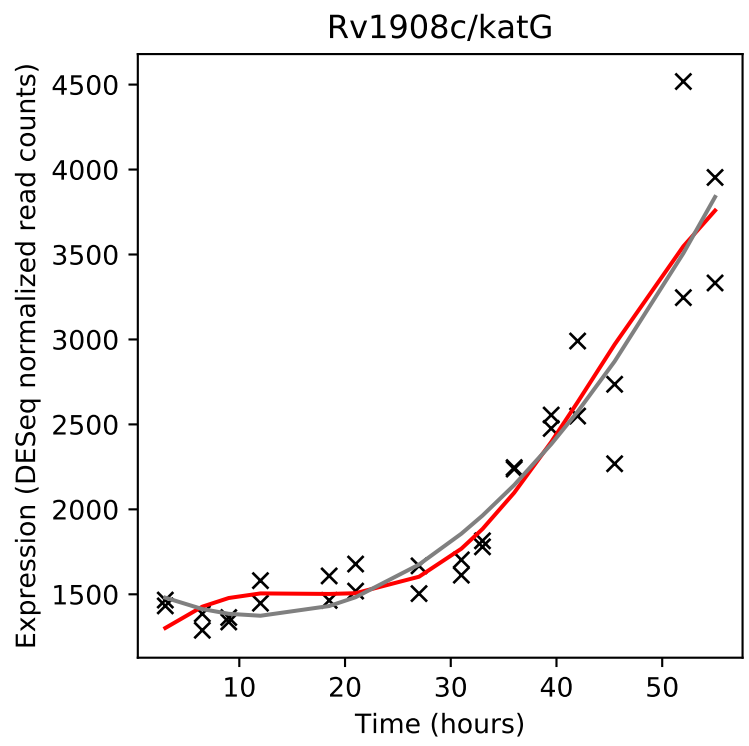

Rv1903/-
Expression (DESeq normalized read counts)
Time (hours)

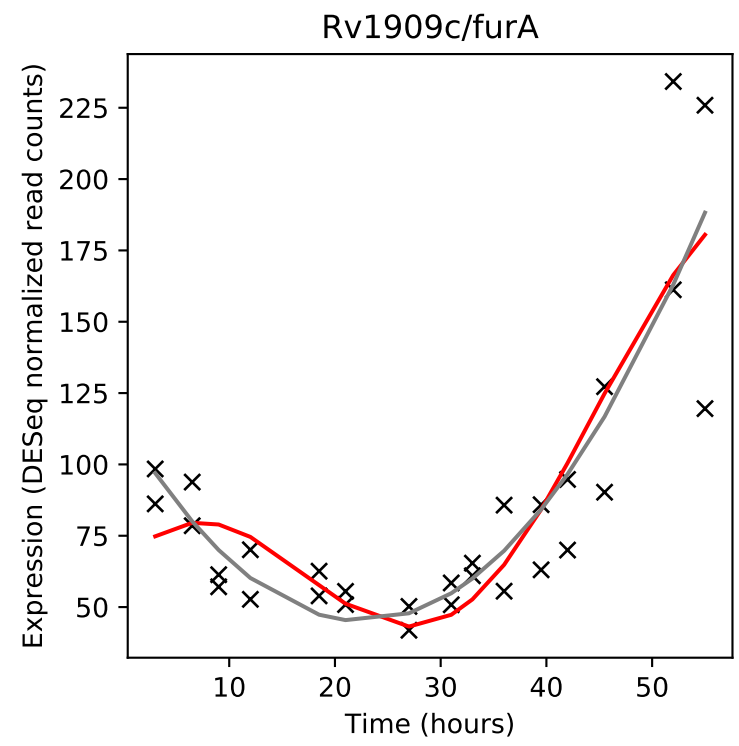

Rv1904/-
Expression (DESeq normalized read counts)
Time (hours)

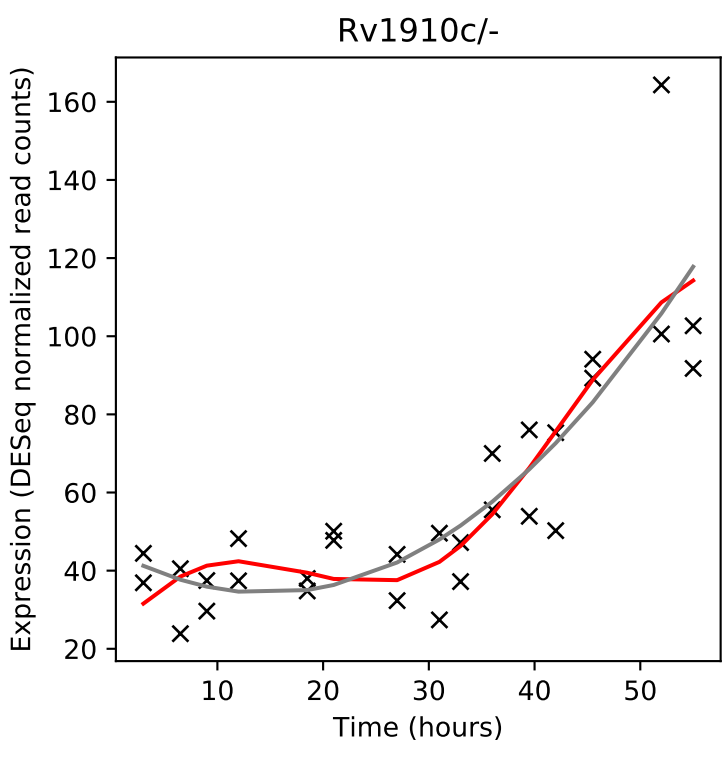

Rv1905c/aao
Expression (DESeq normalized read counts)
Time (hours)

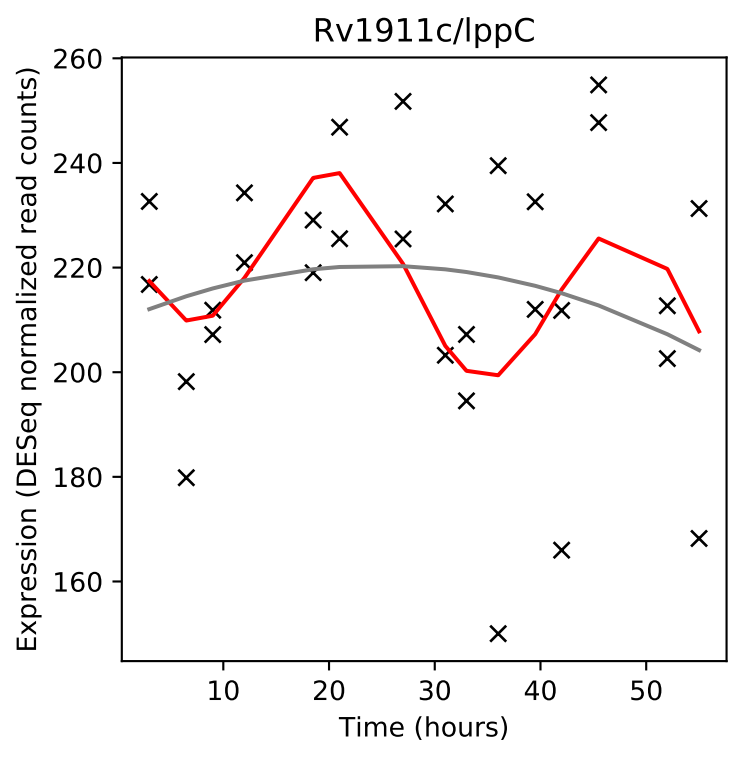

Rv1906c/-
Expression (DESeq normalized read counts)
Time (hours)

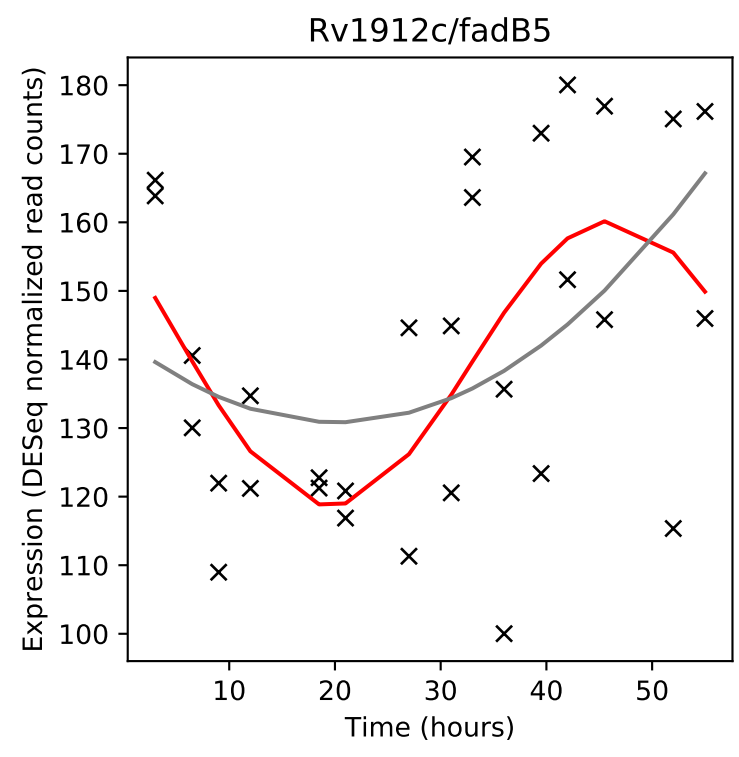

Rv1907c/-
Expression (DESeq normalized read counts)
Time (hours)

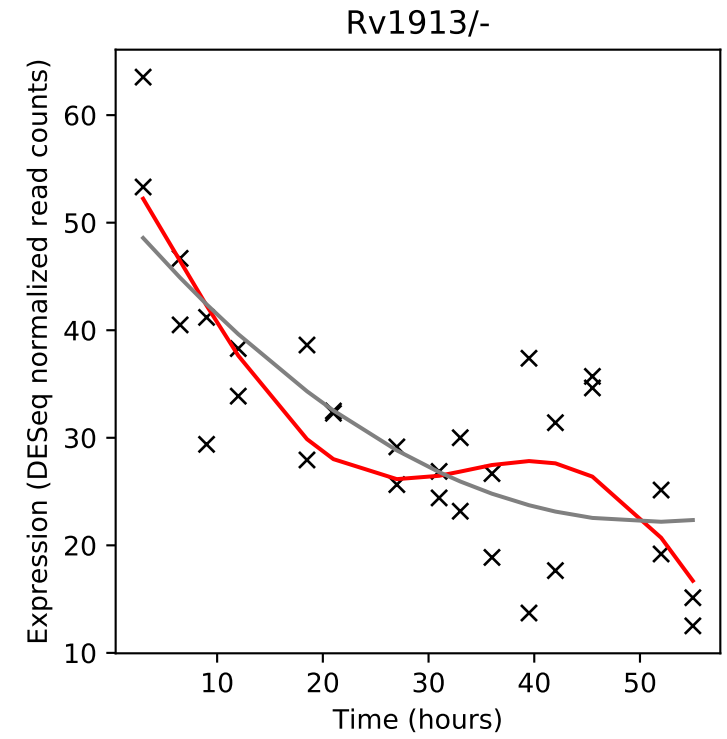

Rv1908c/katG
Expression (DESeq normalized read counts)
Time (hours)

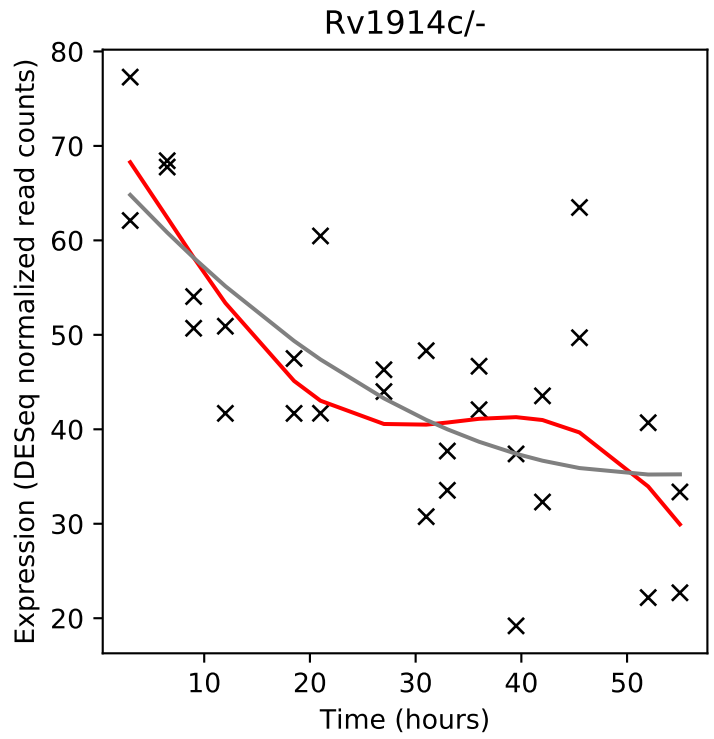

Rv1909c/furA
Expression (DESeq normalized read counts)
Time (hours)

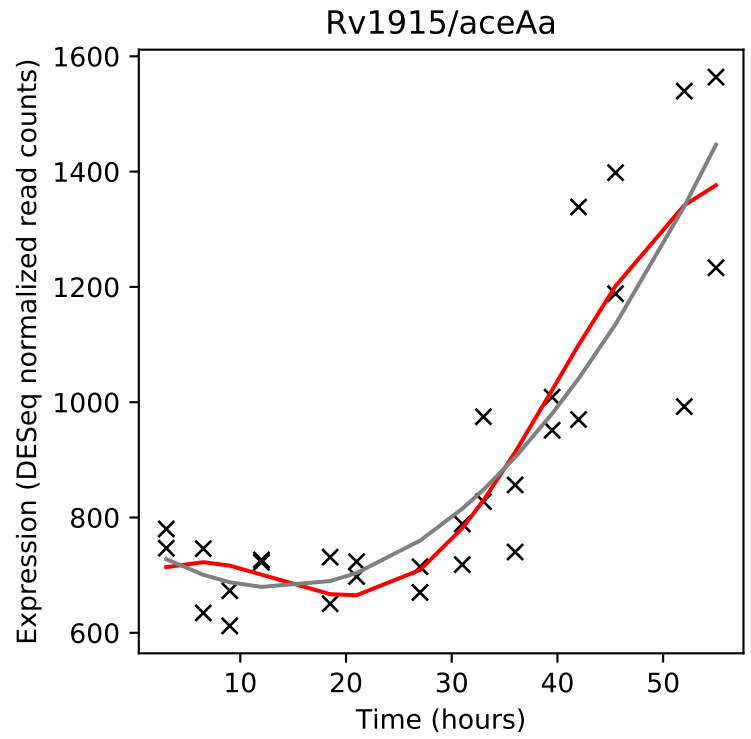

Rv1910c/-
Expression (DESeq normalized read counts)
Time (hours)

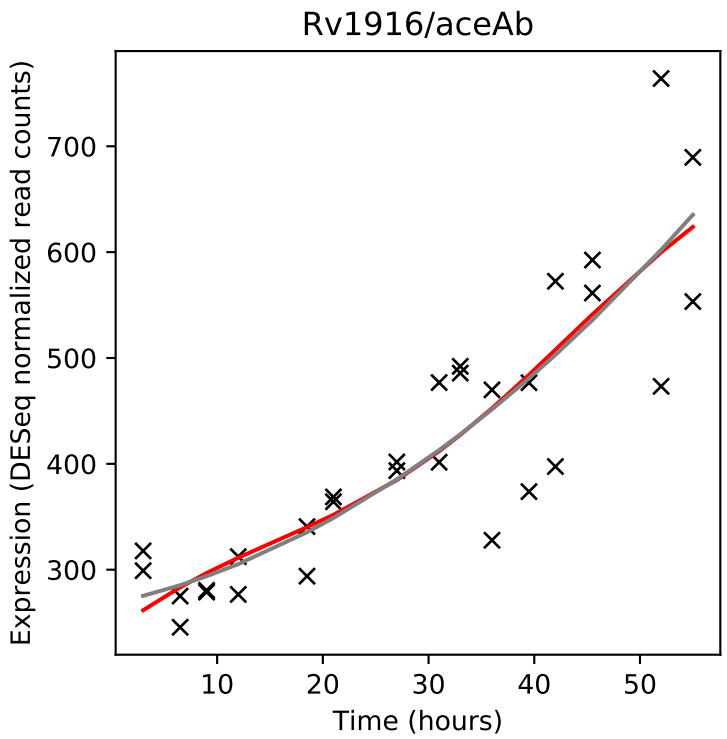

Rv1911c/lppC
Expression (DESeq normalized read counts)
Time (hours)

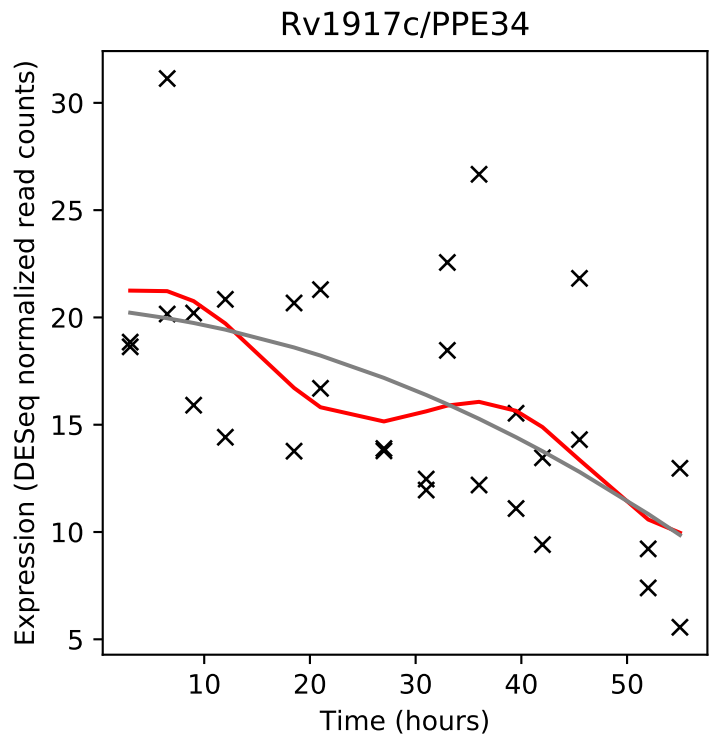

Rv1912c/fadB5
Expression (DESeq normalized read counts)
Time (hours)

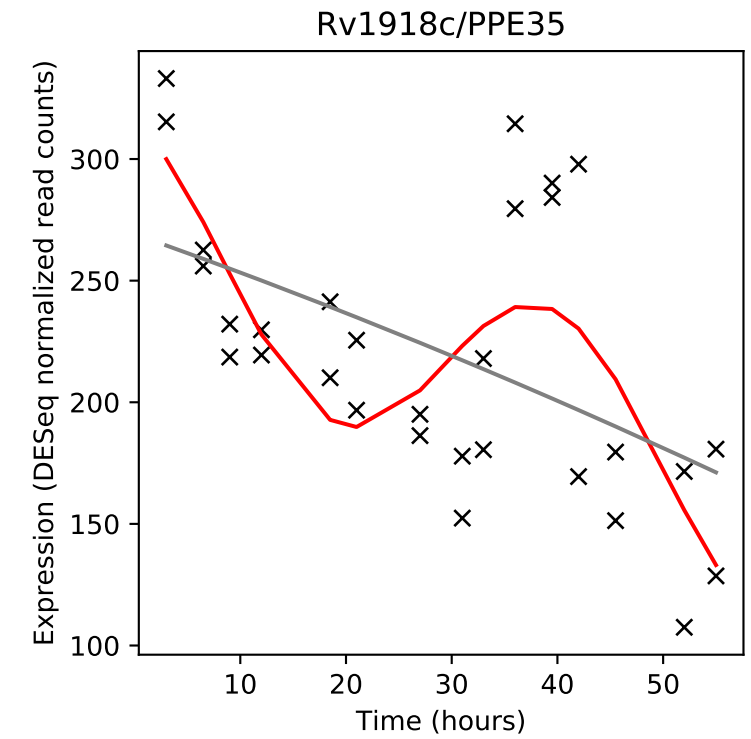

Rv1913/-
Expression (DESeq normalized read counts)
Time (hours)

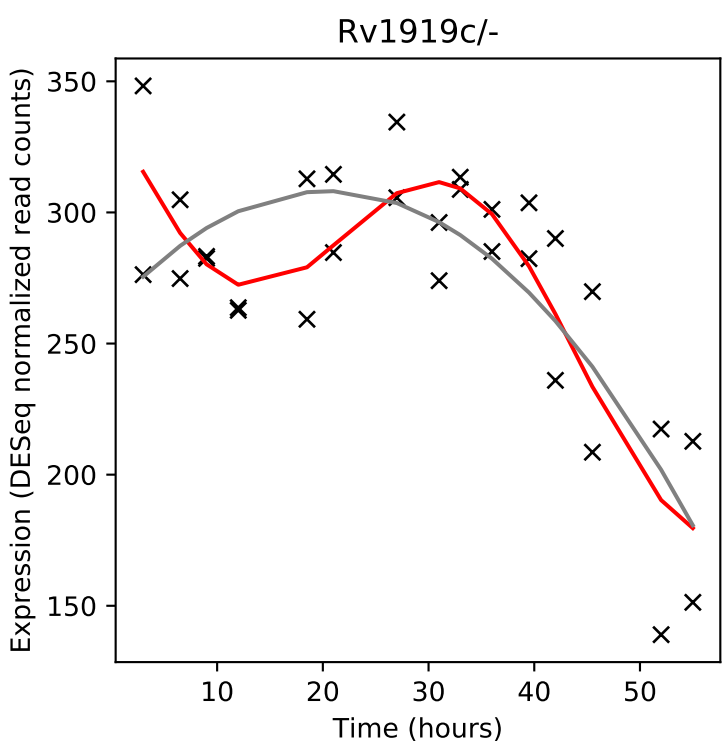

Rv1914c/-
Expression (DESeq normalized read counts)
Time (hours)

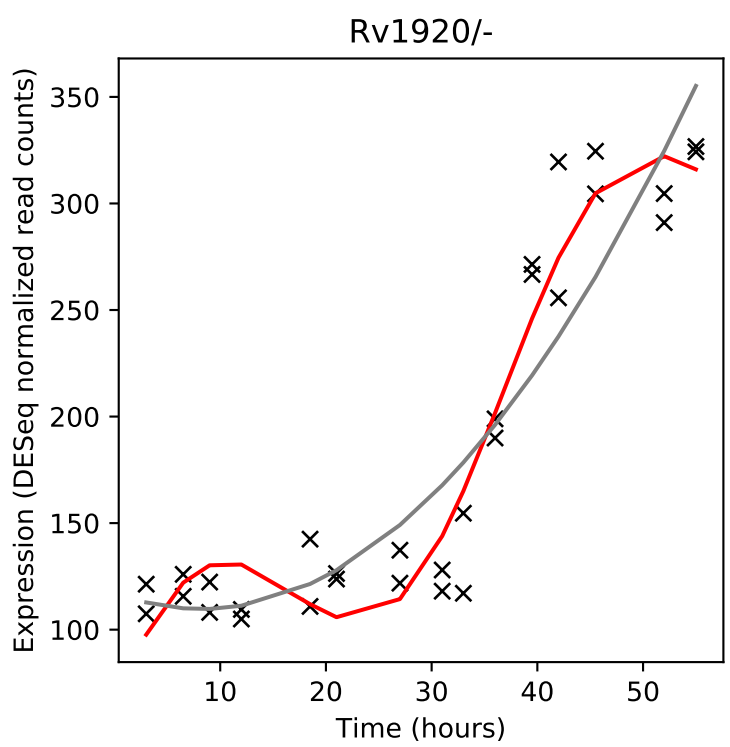

Rv1915/aceAa
Expression (DESeq normalized read counts)
Time (hours)

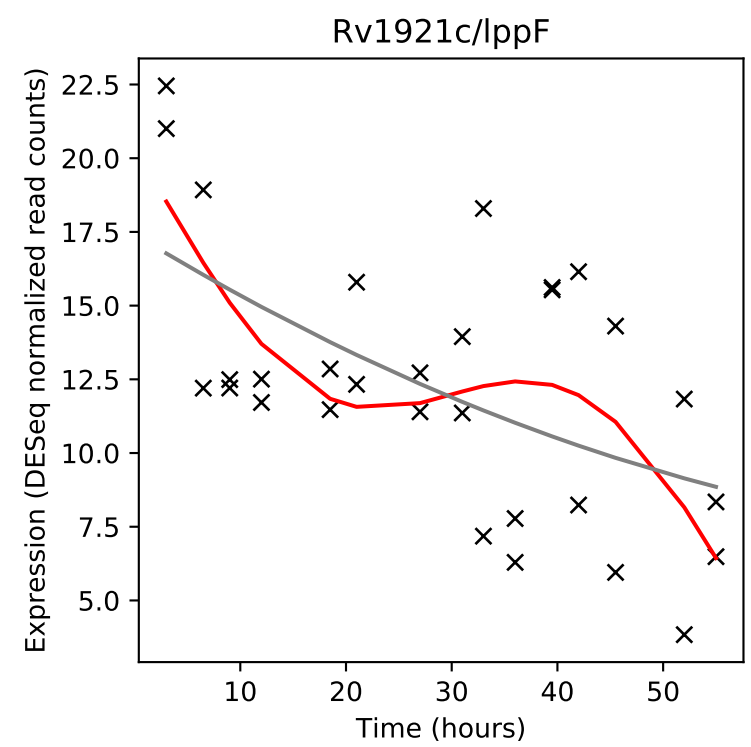

Rv1916/aceAb
Expression (DESeq normalized read counts)
Time (hours)

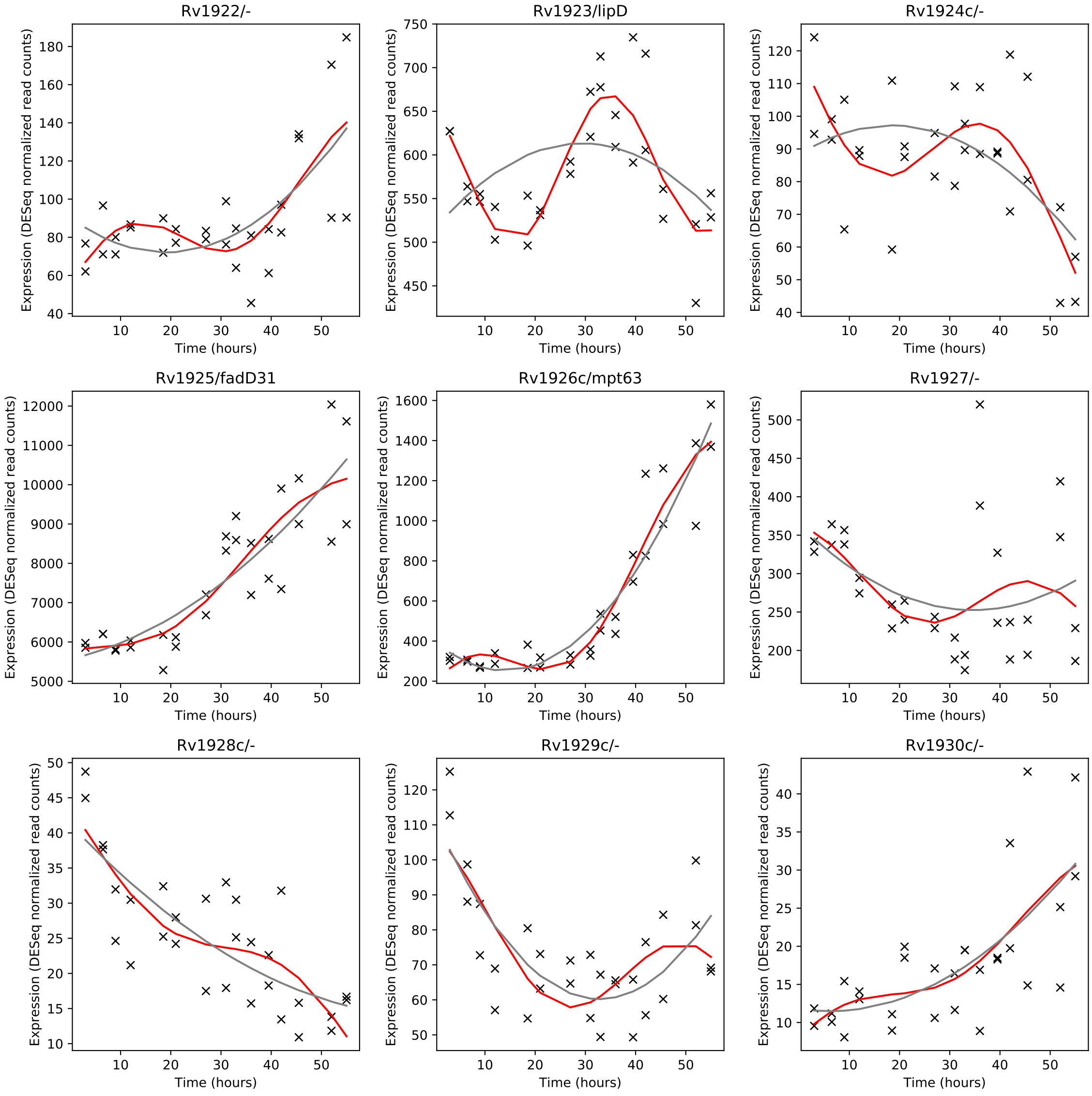

Rv1917c/PPE34
Expression (DESeq normalized read counts)
Time (hours)

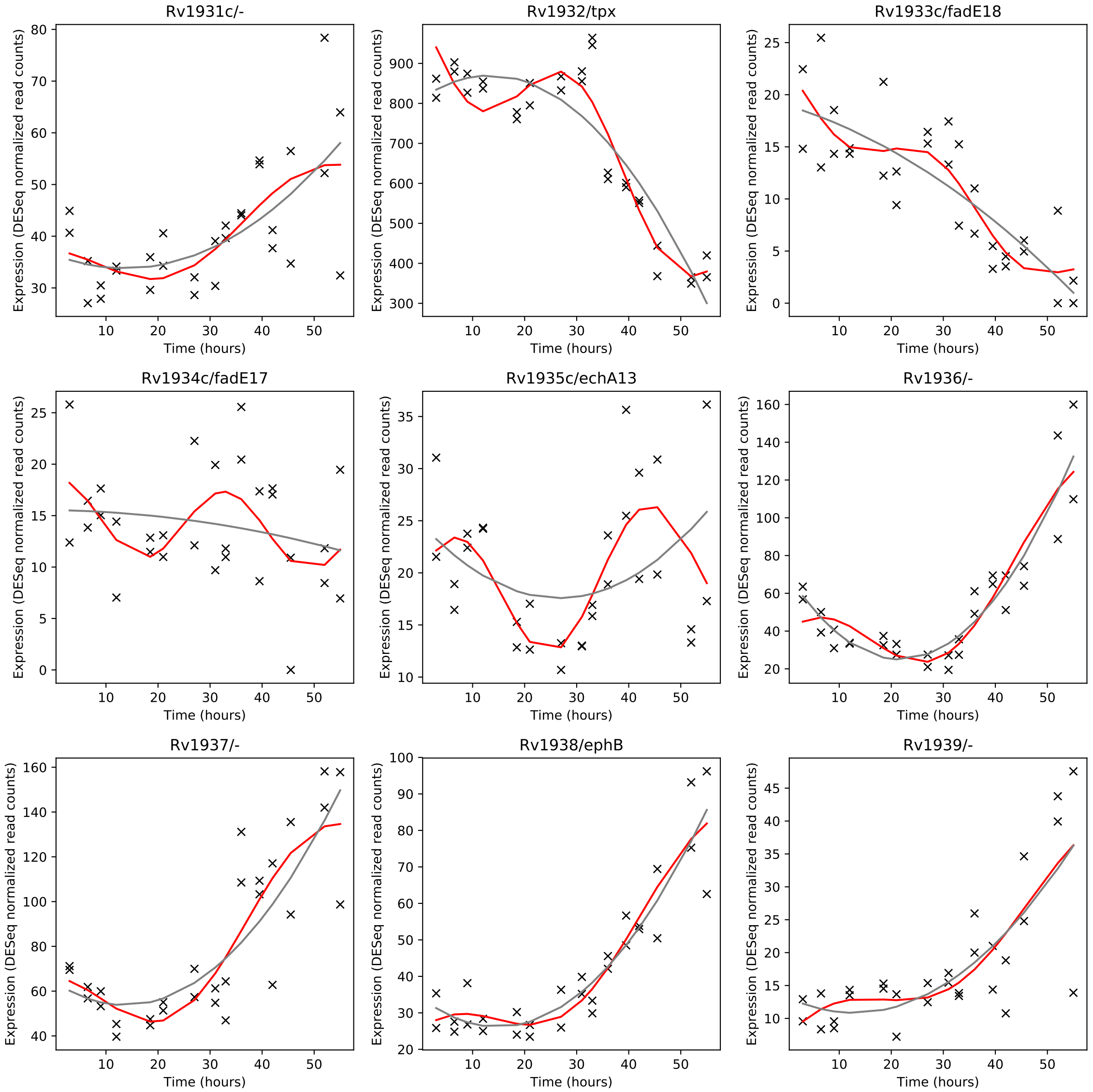

Rv1918c/PPE35
Expression (DESeq normalized read counts)
Time (hours)

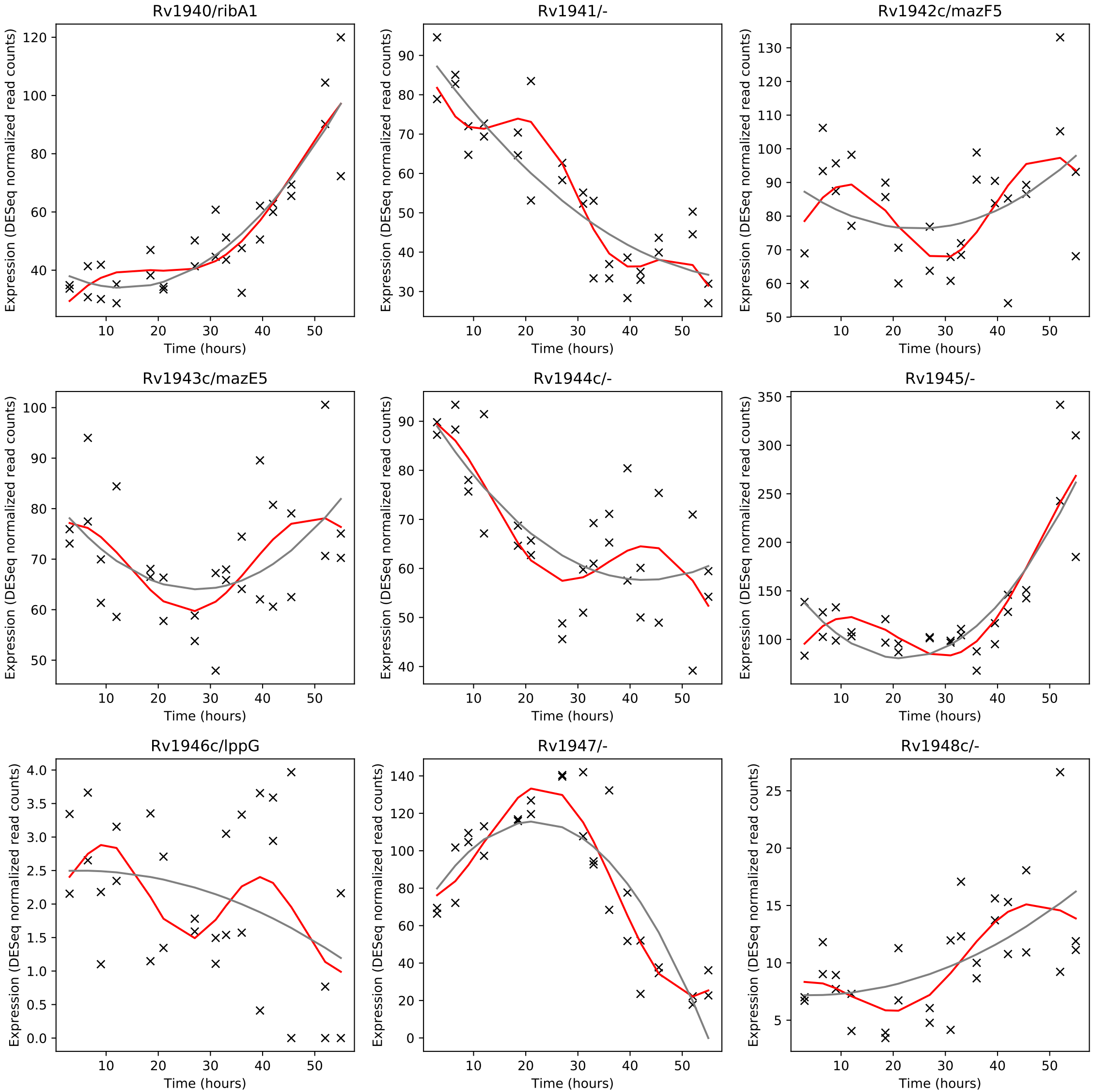

Rv1919c/-
Expression (DESeq normalized read counts)
Time (hours)

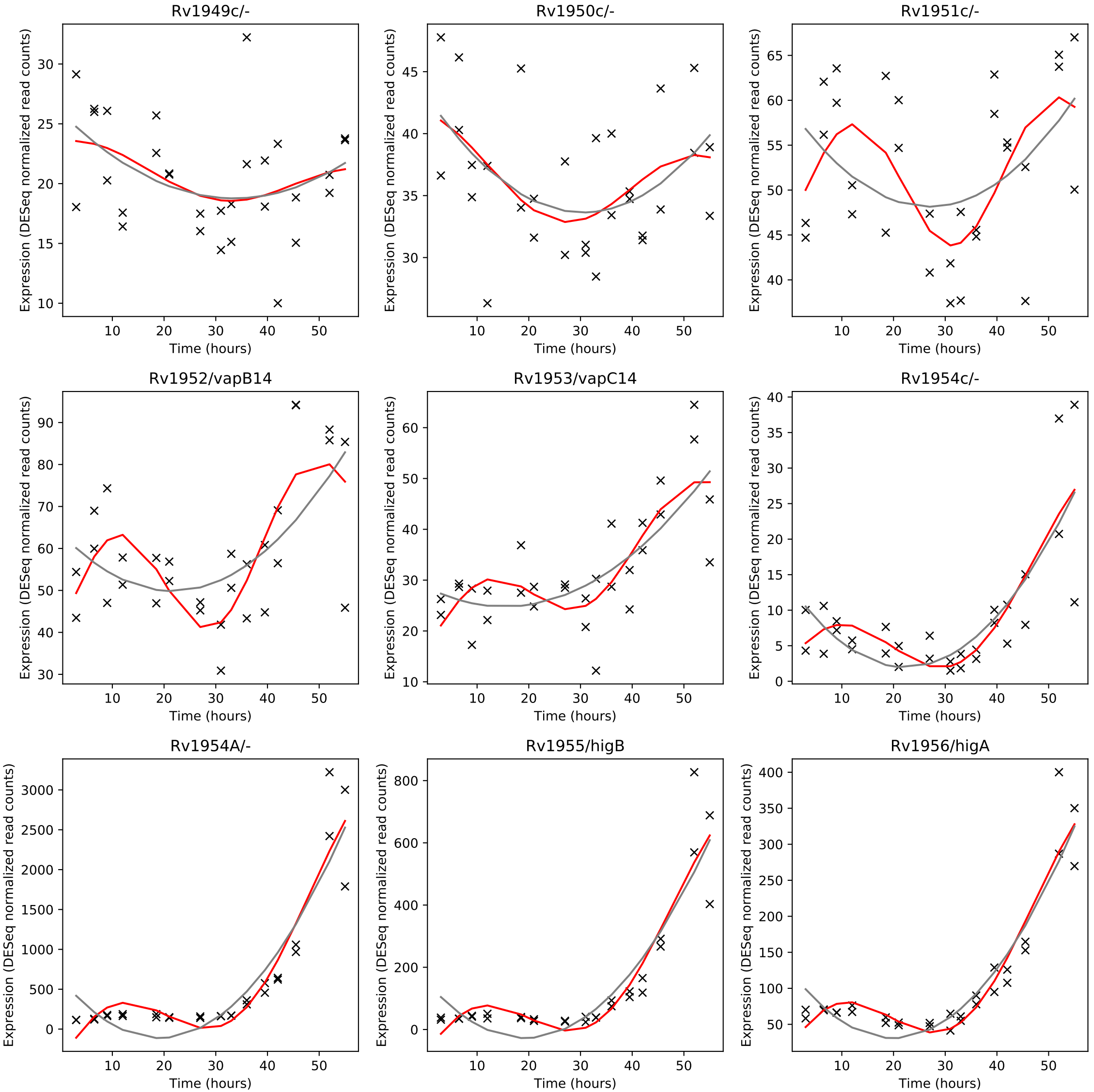

Rv1920/-
Expression (DESeq normalized read counts)
Time (hours)

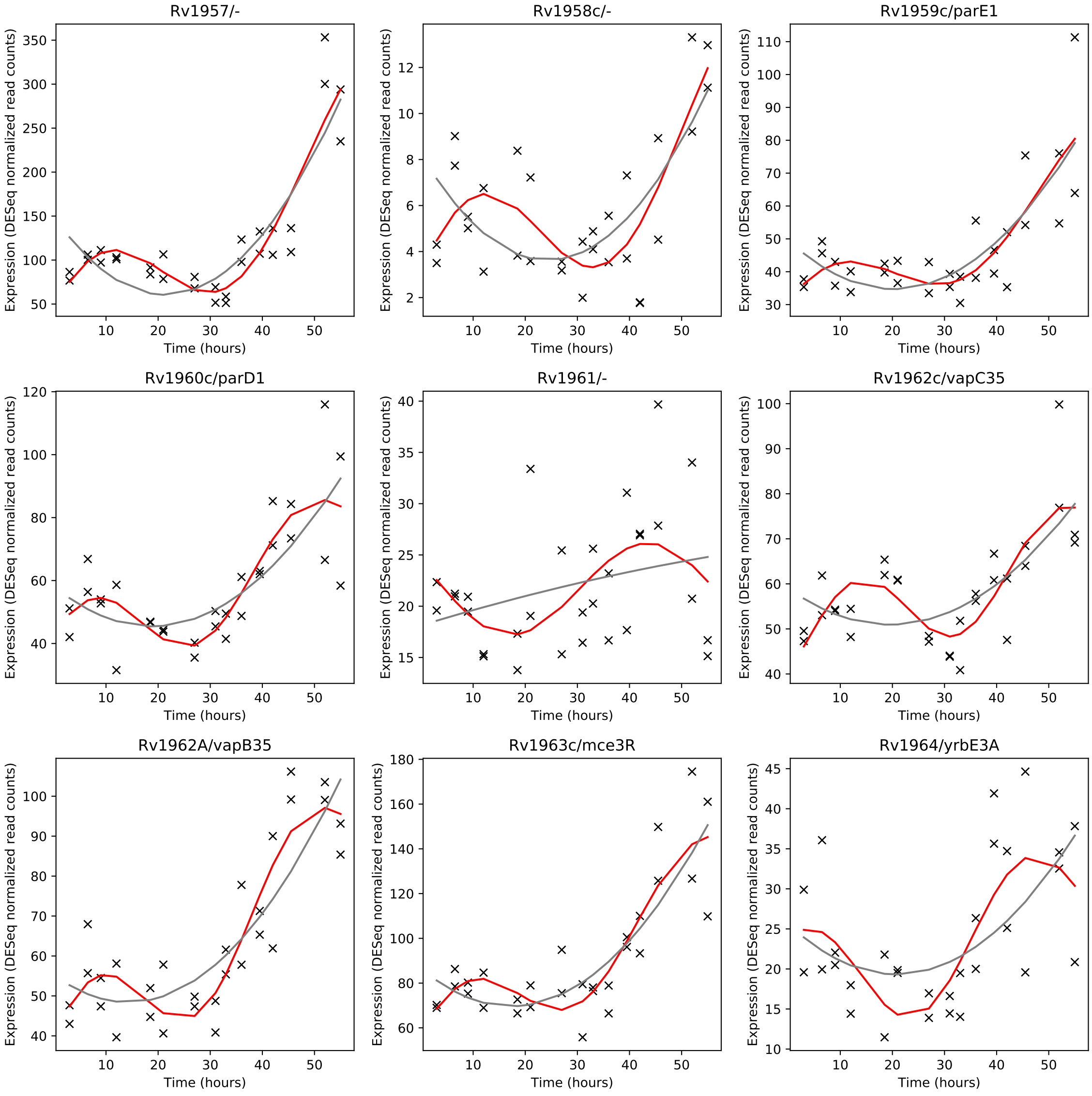

Rv1921c/lppF
Expression (DESeq normalized read counts)
Time (hours)

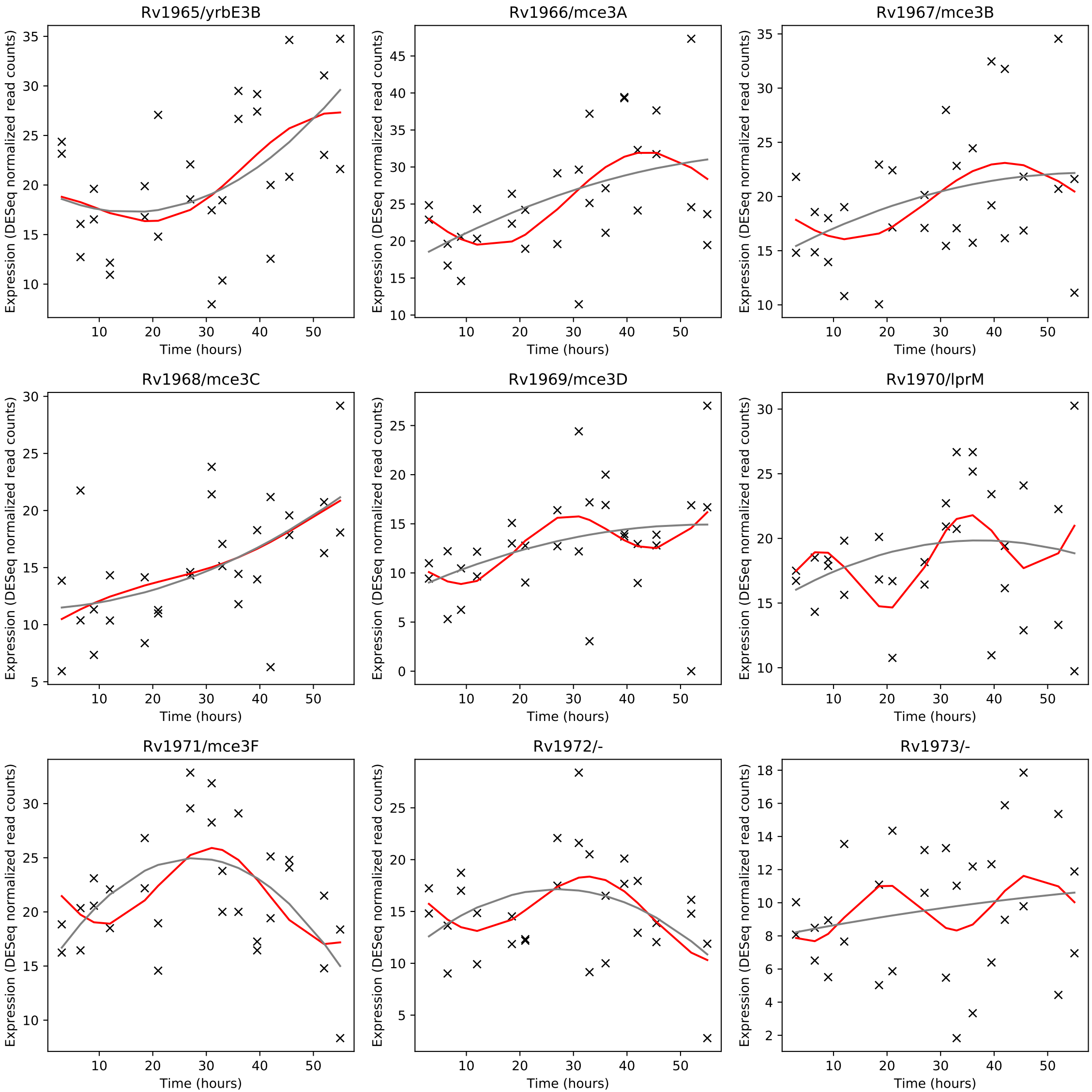

Rv1922/-
Rv1923/lipD
Rv1924c/-
Rv1925/fadD31
Rv1926c/mpt63
Rv1927/-
Rv1928c/-
Rv1929c/-
Rv1930c/-
Expression (DESeq normalized read counts)
Time (hours)

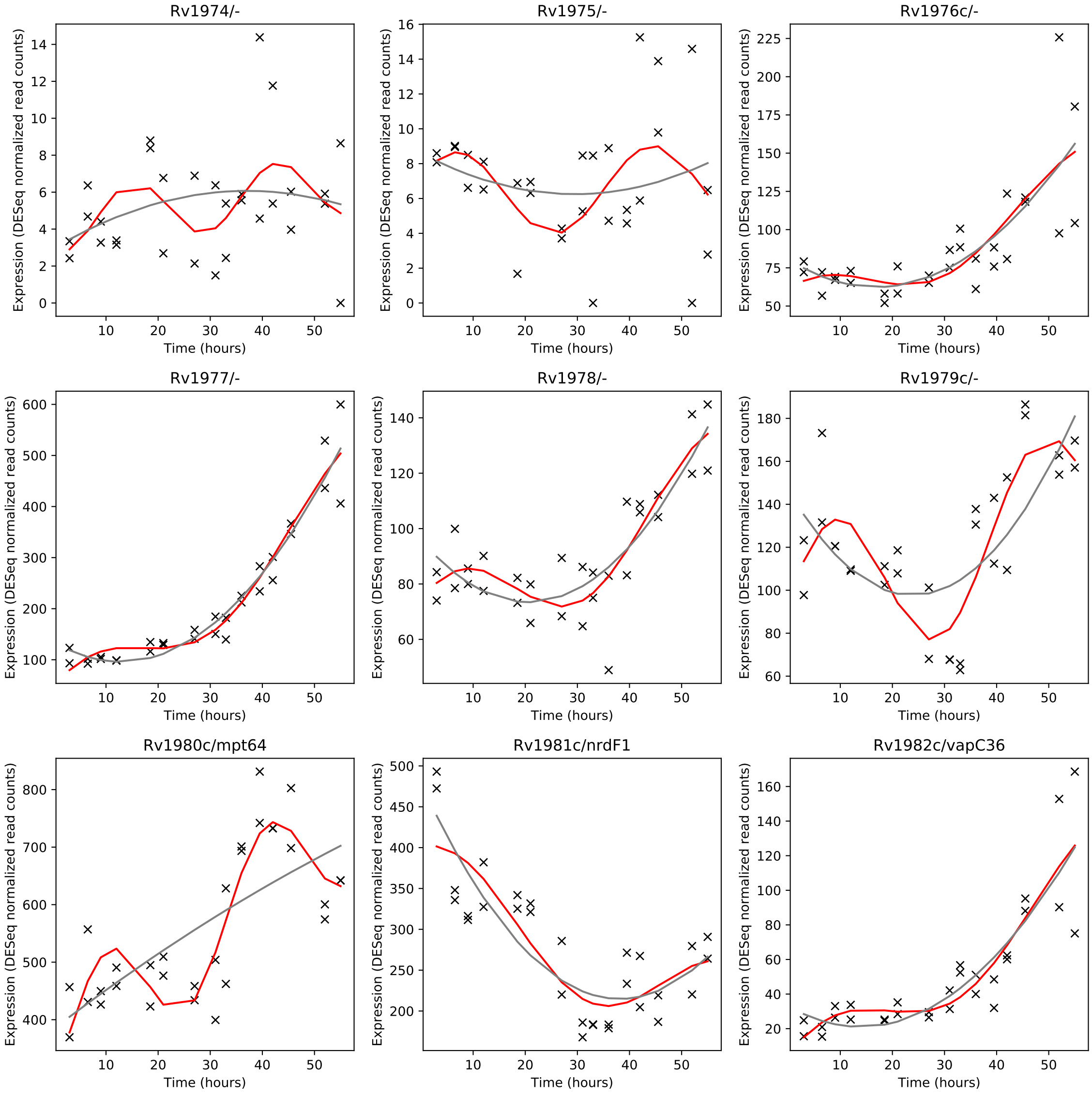

Rv1931c/-
Rv1932/tpx
Rv1933c/fadE18
Rv1934c/fadE17
Rv1935c/echA13
Rv1936/-
Rv1937/-
Rv1938/ephB
Rv1939/-
Expression (DESeq normalized read counts)
Time (hours)

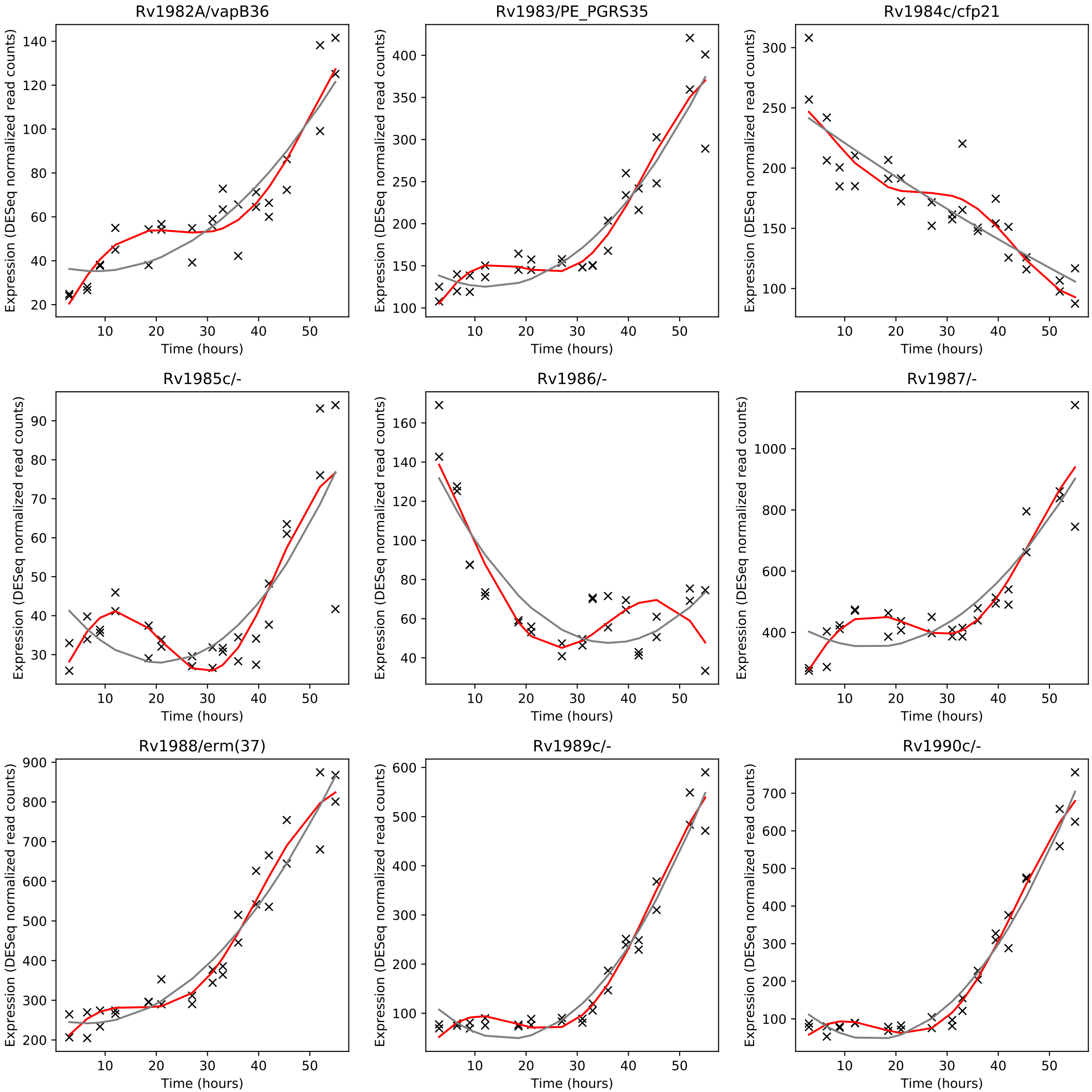

Rv1940/ribA1
Rv1941/-
Rv1942c/mazF5
Rv1943c/mazE5
Rv1944c/-
Rv1945/-
Rv1946c/lppG
Rv1947/-
Rv1948c/-
Expression (DESeq normalized read counts)
Time (hours)

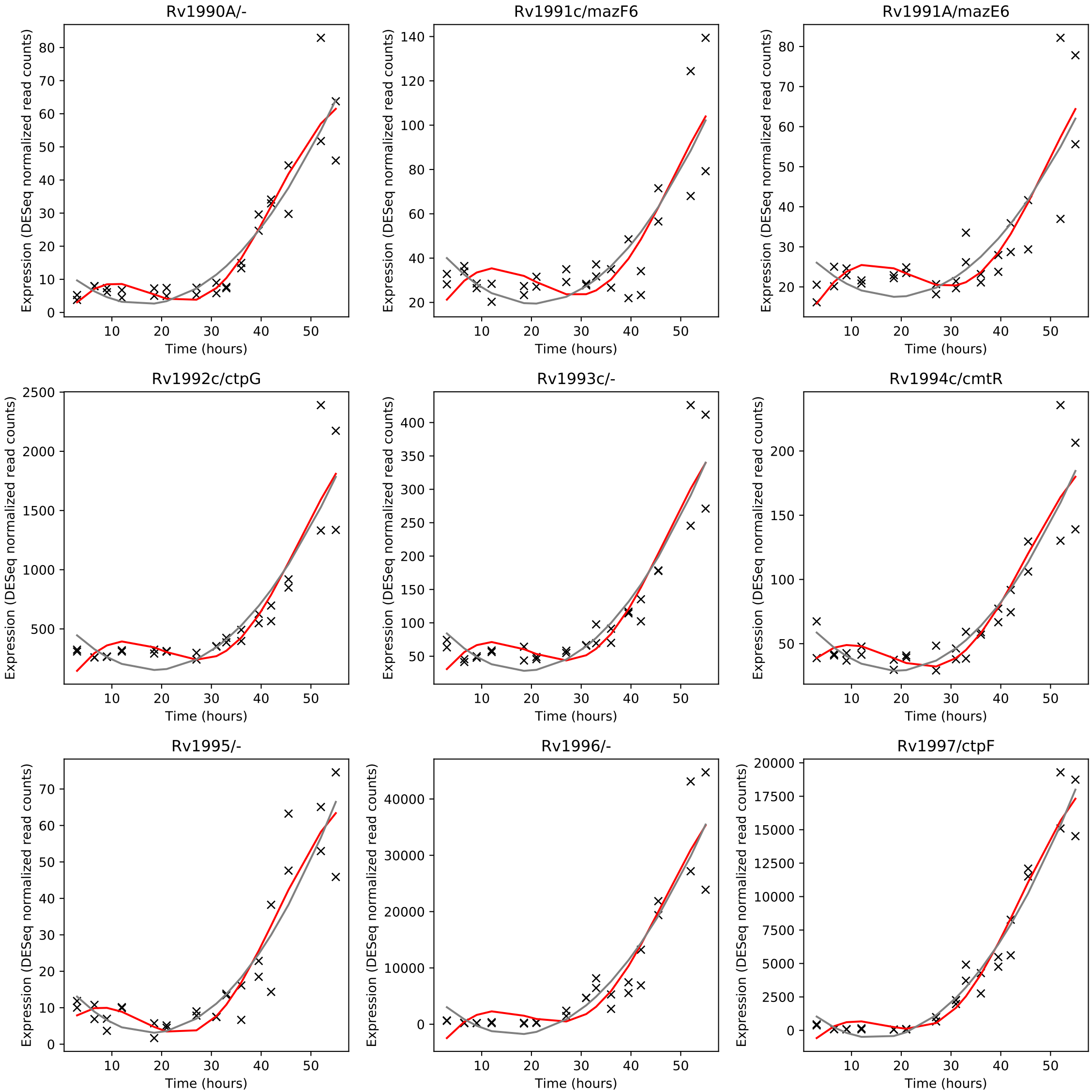

Rv1949c/-
Rv1950c/-
Rv1951c/-
Rv1952/vapB14
Rv1953/vapC14
Rv1954c/-
Rv1954A/-
Rv1955/higB
Rv1956/higA
Expression (DESeq normalized read counts)
Time (hours)

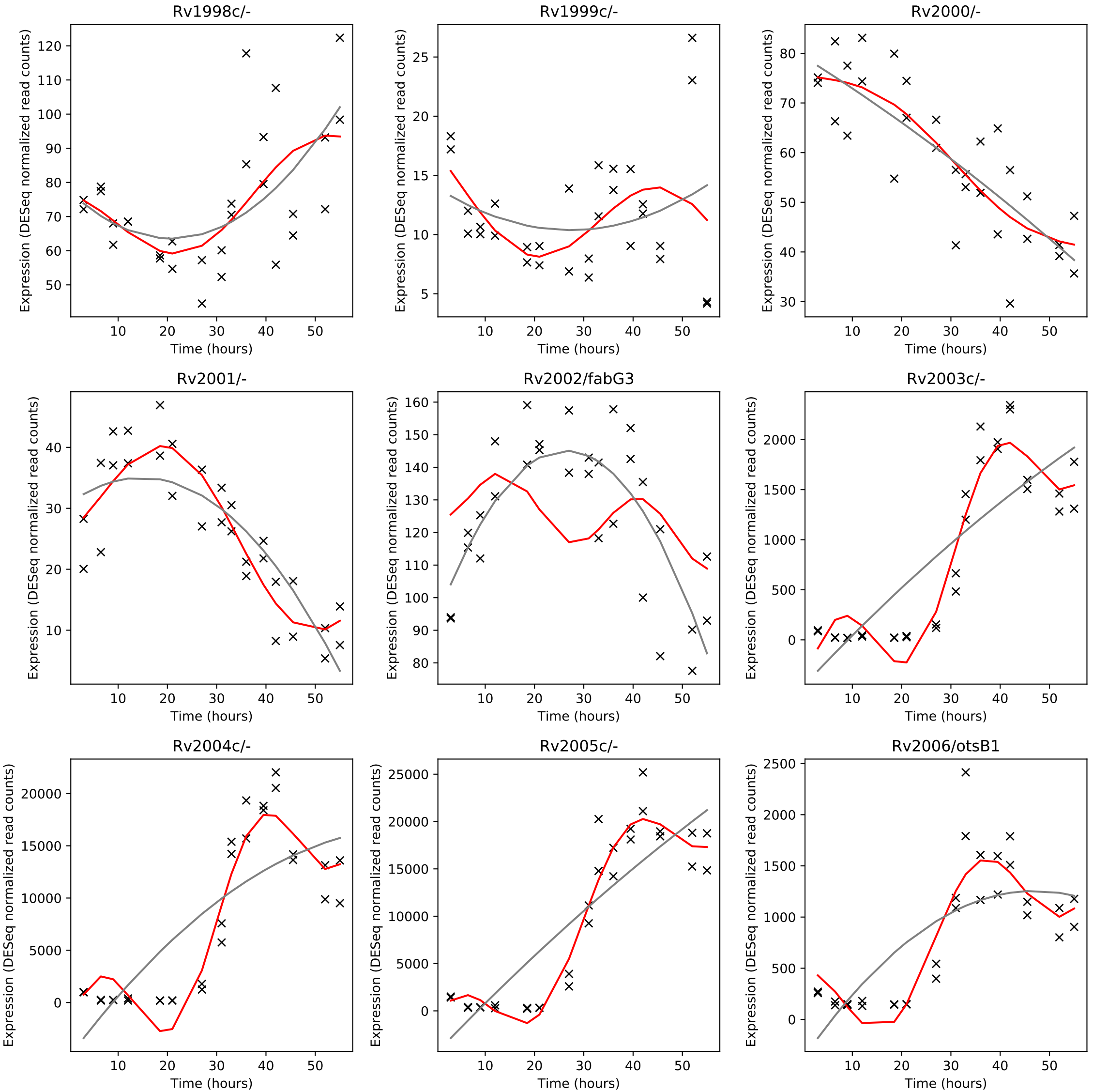

Rv1957/-
Rv1958c/-
Rv1959c/parE1
Rv1960c/parD1
Rv1961/-
Rv1962c/vapC35
Rv1962A/vapB35
Rv1963c/mce3R
Rv1964/yrbE3A
Expression (DESeq normalized read counts)
Time (hours)

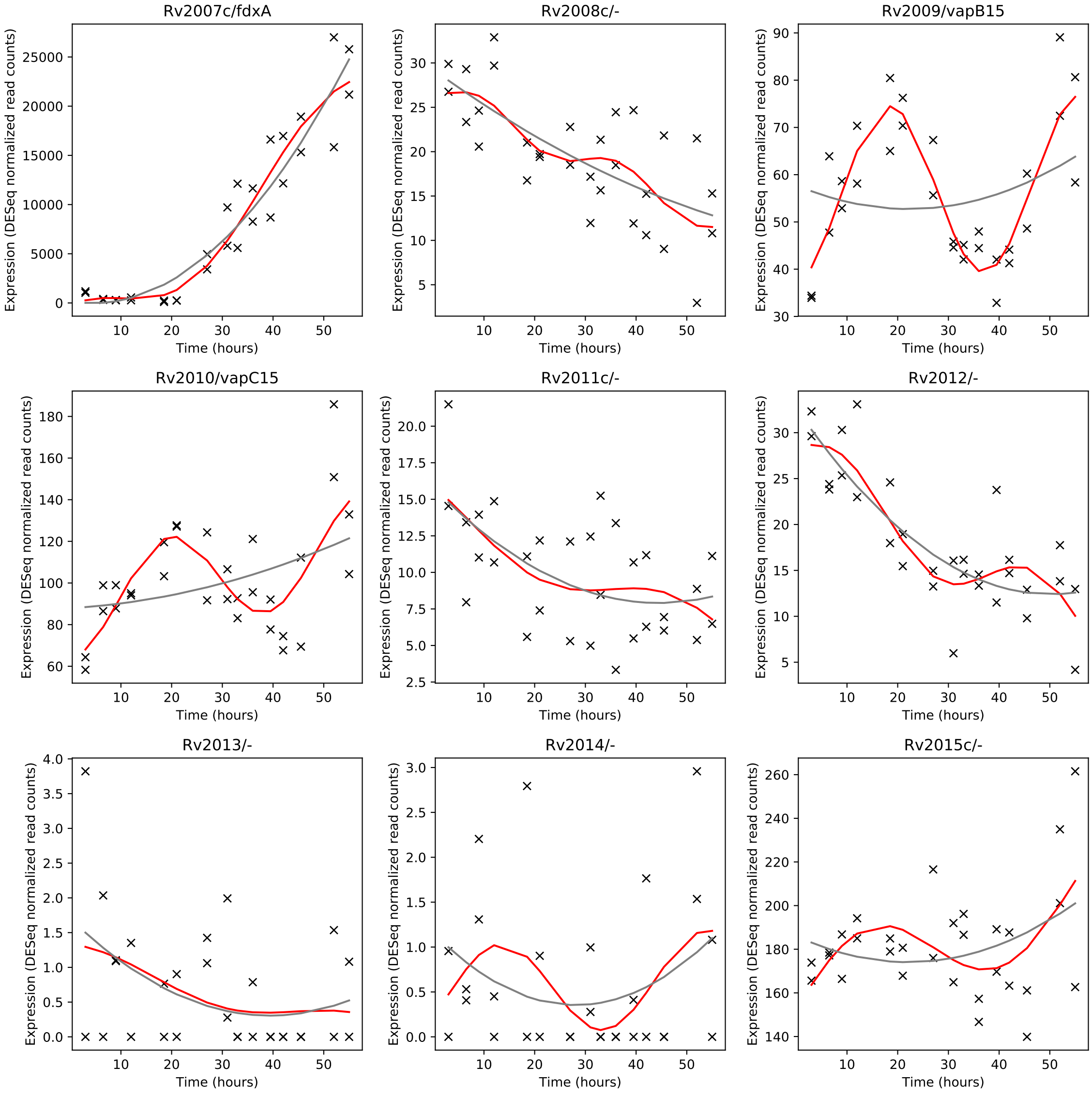

Rv1965/yrbE3B
Rv1966/mce3A
Rv1967/mce3B
Rv1968/mce3C
Rv1969/mce3D
Rv1970/lprM
Rv1971/mce3F
Rv1972/-
Rv1973/-
Expression (DESeq normalized read counts)
Time (hours)

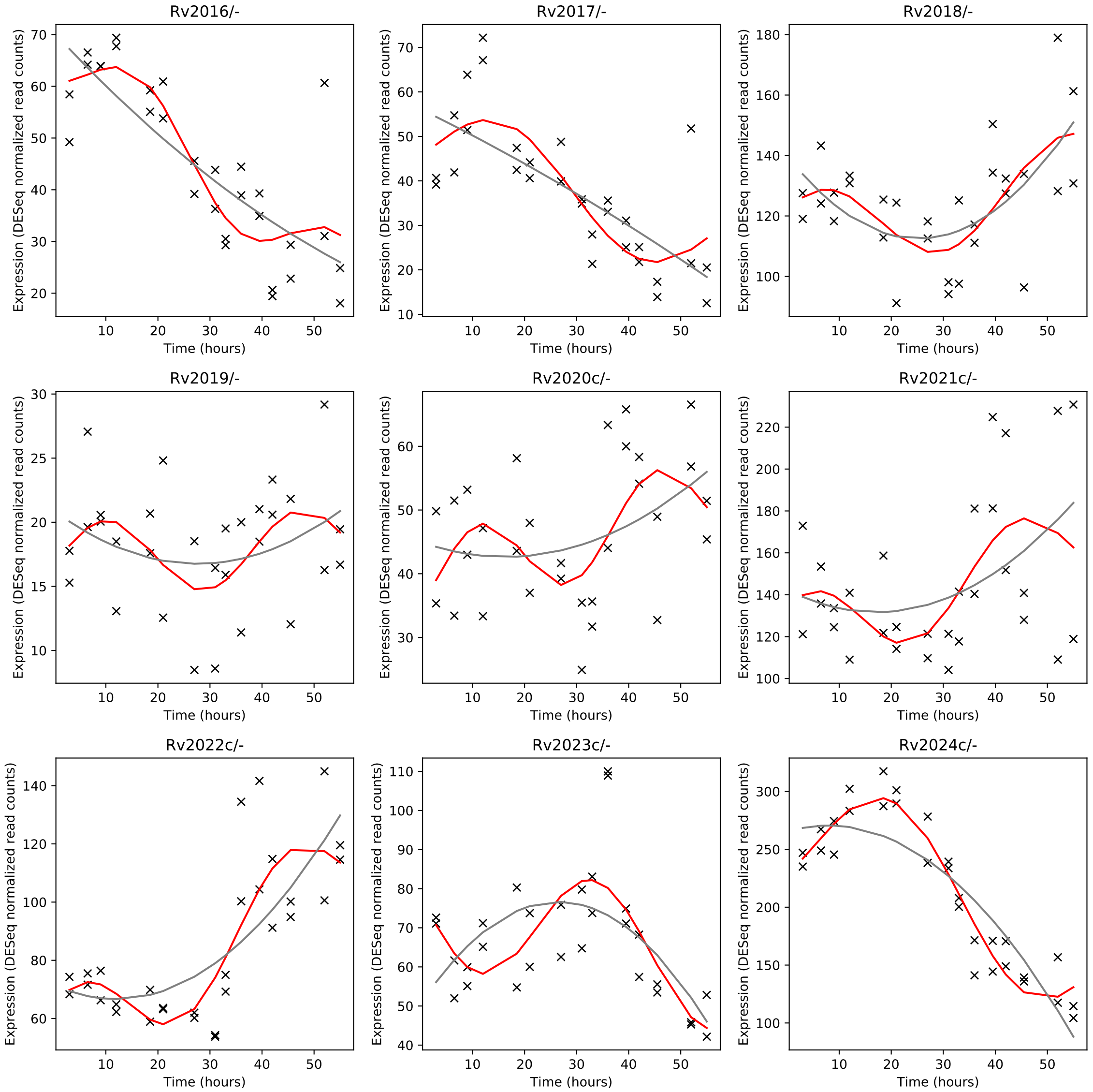

Rv1974/-
Rv1975/-
Rv1976c/-
Rv1977/-
Rv1978/-
Rv1979c/-
Rv1980c/mpt64
Rv1981c/nrdF1
Rv1982c/vapC36
Expression (DESeq normalized read counts)
Time (hours)

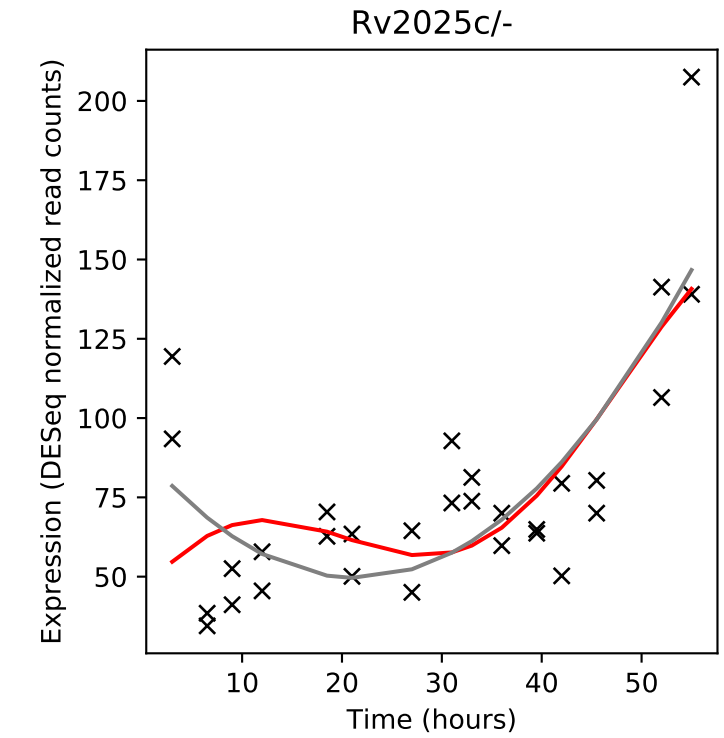

Rv1982A/vapB36
Rv1983/PE_PGRS35
Rv1984c/cfp21
Rv1985c/-
Rv1986/-
Rv1987/-
Rv1988/erm(37)
Rv1989c/-
Rv1990c/-
Expression (DESeq normalized read counts)
Time (hours)

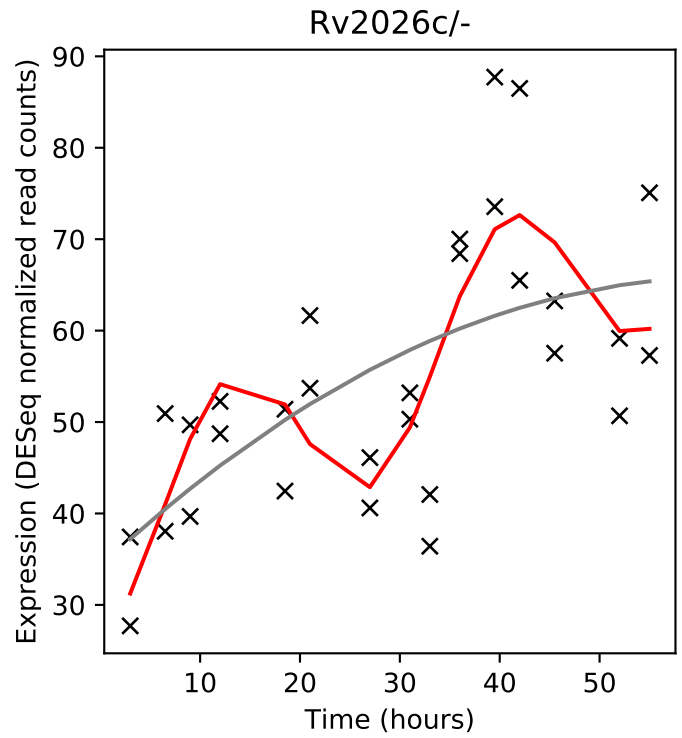

Rv1990A/-
Rv1991c/mazF6
Rv1991A/mazE6
Rv1992c/ctpG
Rv1993c/-
Rv1994c/cmtR
Rv1995/-
Rv1996/-
Rv1997/ctpF
Expression (DESeq normalized read counts)
Time (hours)

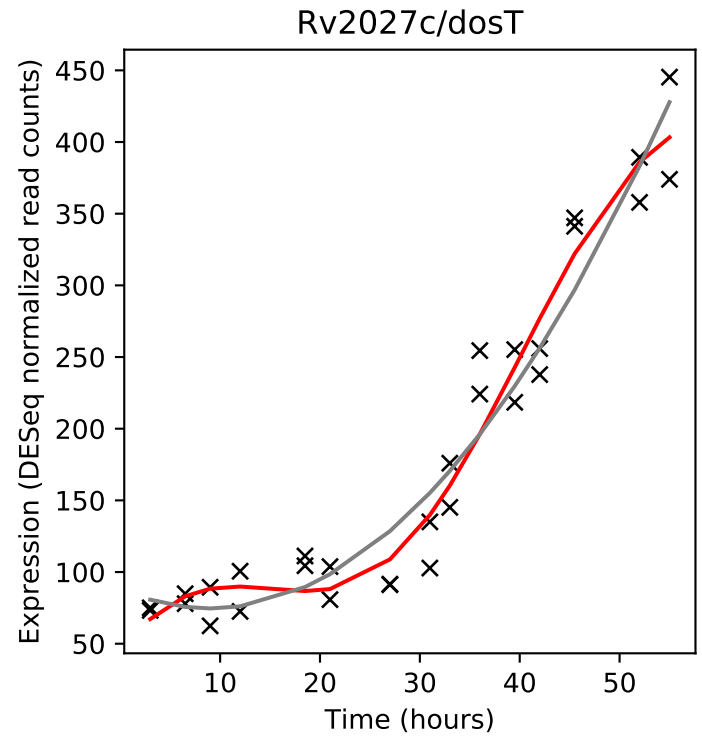

Rv1998c/-
Rv1999c/-
Rv2000/-
Rv2001/-
Rv2002/fabG3
Rv2003c/-
Rv2004c/-
Rv2005c/-
Rv2006/otsB1
Expression (DESeq normalized read counts)
Time (hours)

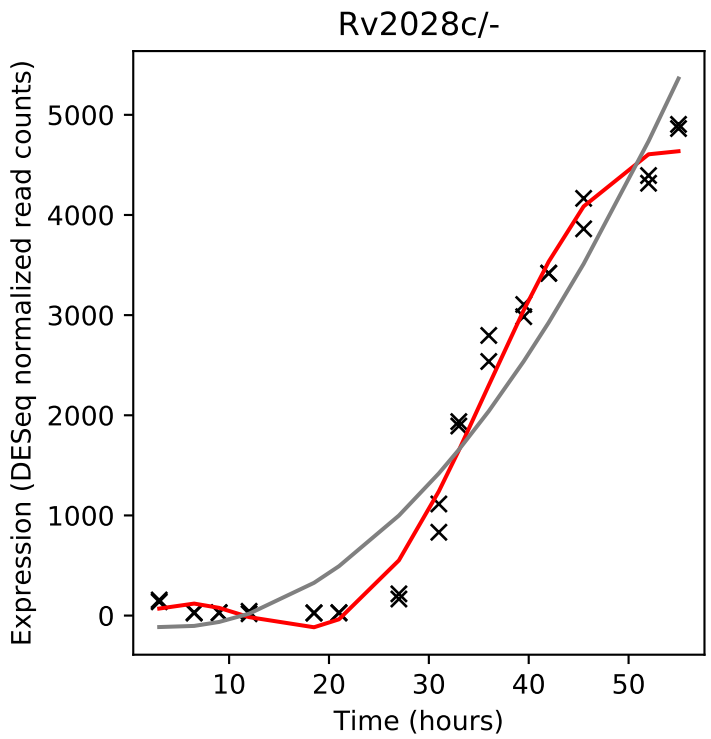

Rv2007c/fdxA
Rv2008c/-
Rv2009/vapB15
Rv2010/vapC15
Rv2011c/-
Rv2012/-
Rv2013/-
Rv2014/-
Rv2015c/-
Expression (DESeq normalized read counts)
Time (hours)

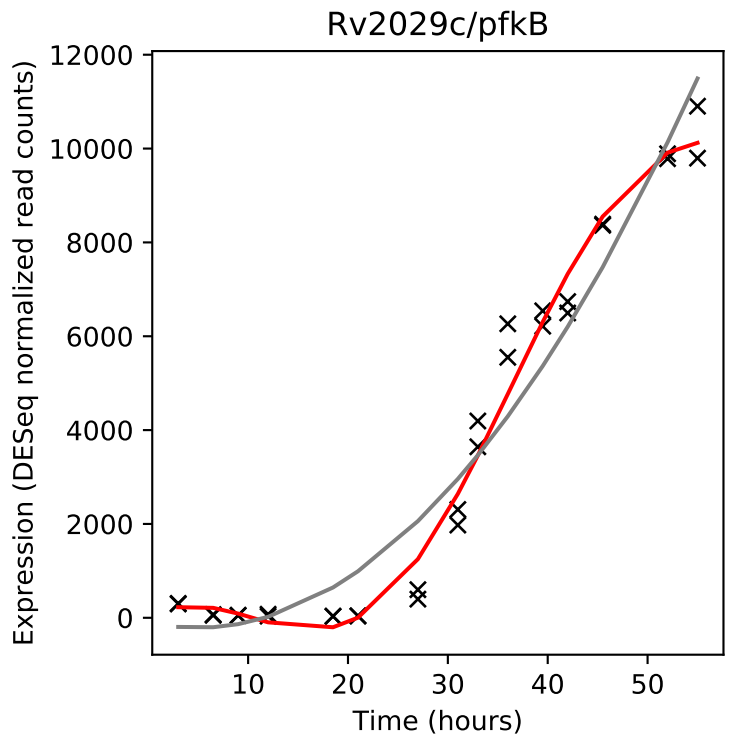

Rv2016/-
Rv2017/-
Rv2018/-
Rv2019/-
Rv2020c/-
Rv2021c/-
Rv2022c/-
Rv2023c/-
Rv2024c/-
Expression (DESeq normalized read counts)
Time (hours)

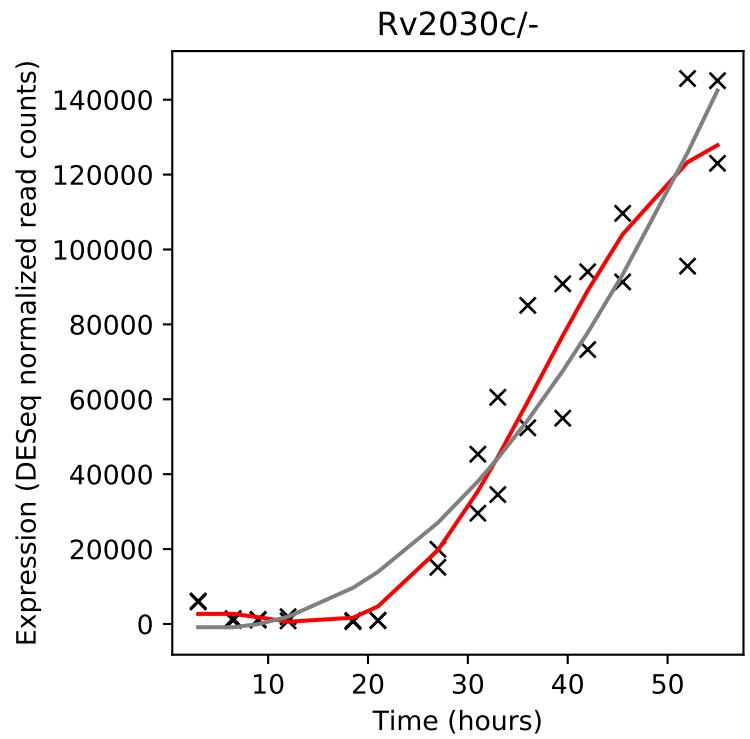

Rv2025c/-
Expression (DESeq normalized read counts)
Time (hours)

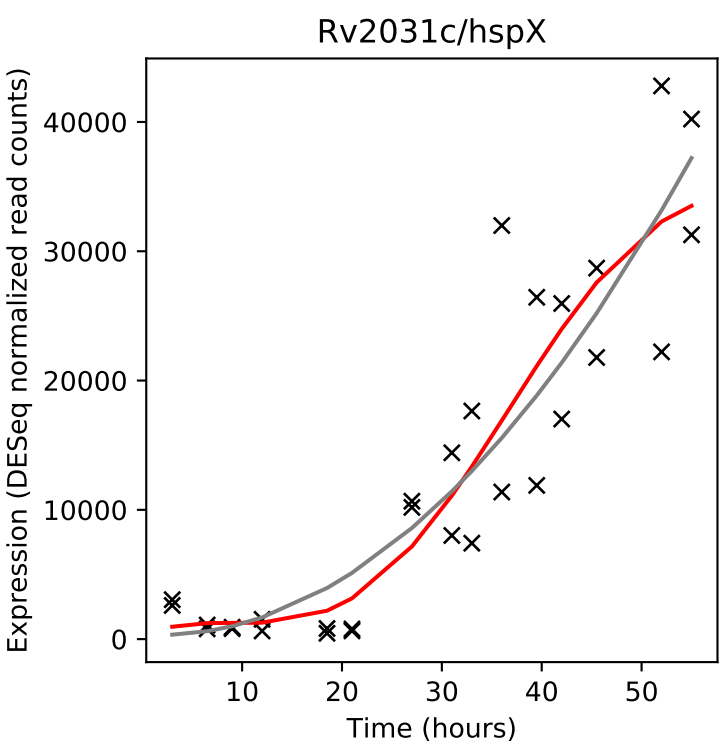

Rv2026c/-
Expression (DESeq normalized read counts)
Time (hours)

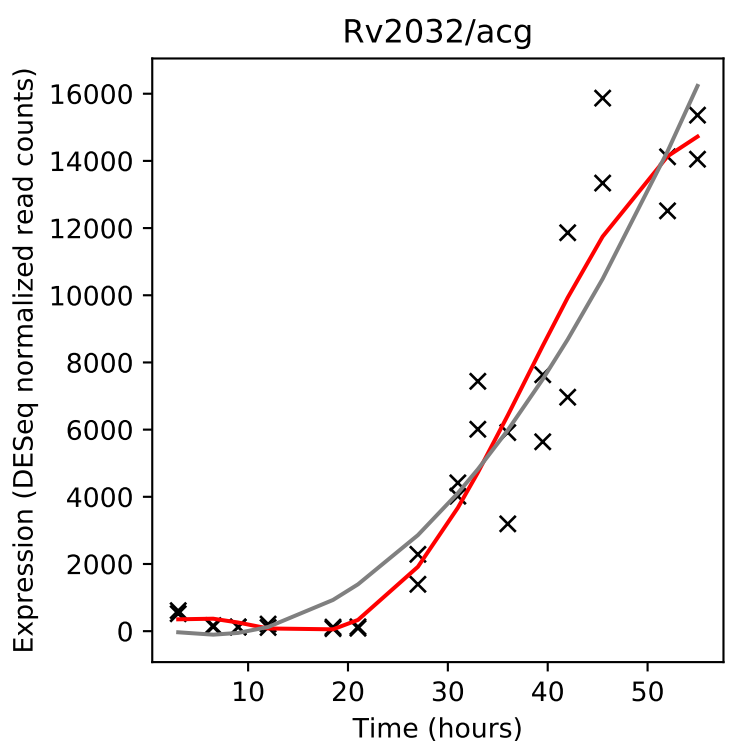

Rv2027c/dosT
Expression (DESeq normalized read counts)
Time (hours)

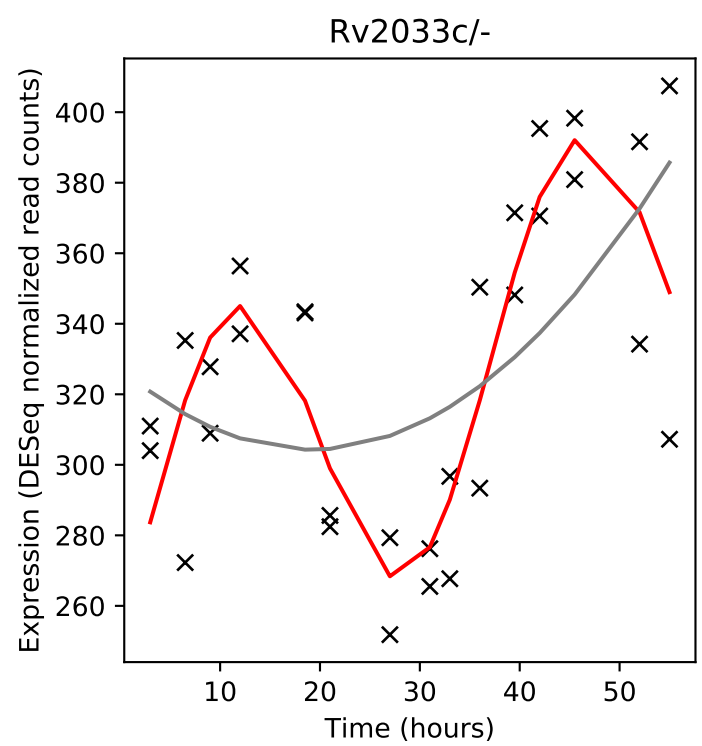

Rv2028c/-
Expression (DESeq normalized read counts)
Time (hours)

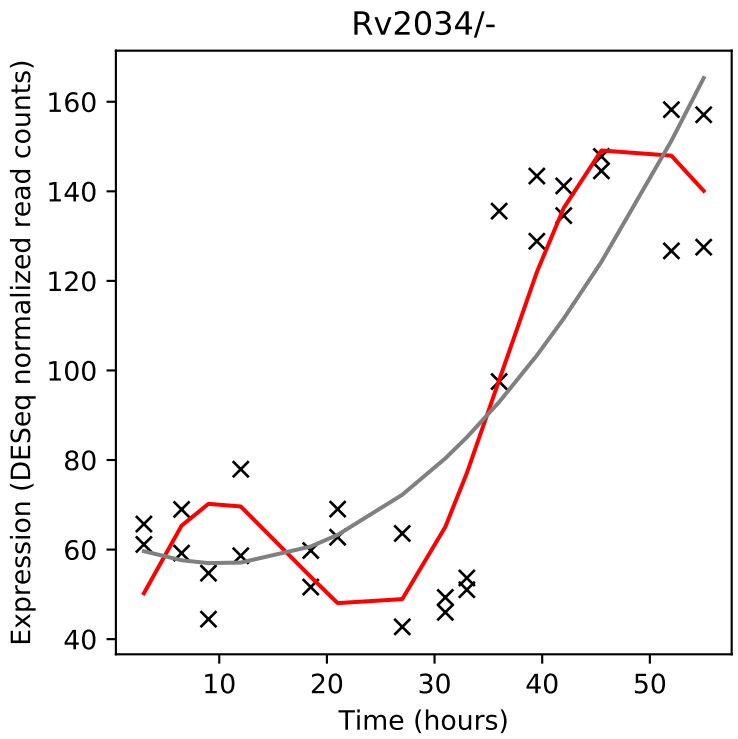

Rv2029c/pfkB
Expression (DESeq normalized read counts)
Time (hours)

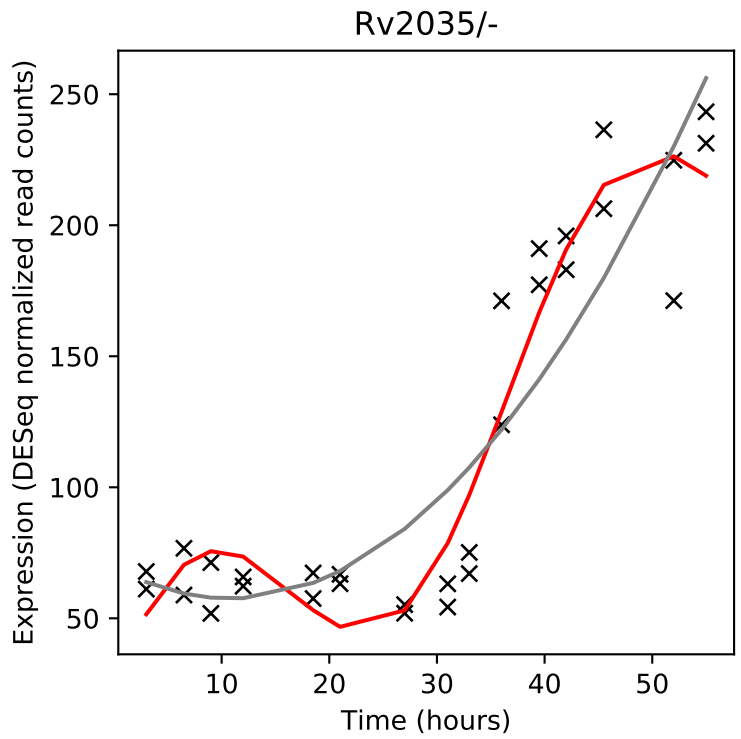

Rv2030c/-
Expression (DESeq normalized read counts)
Time (hours)

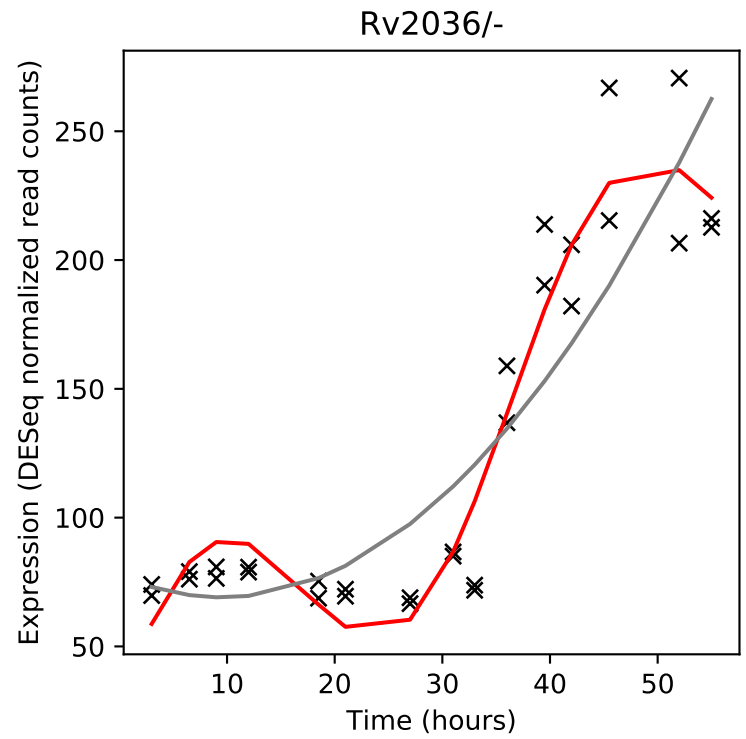

Rv2031c/hspX
Expression (DESeq normalized read counts)
Time (hours)

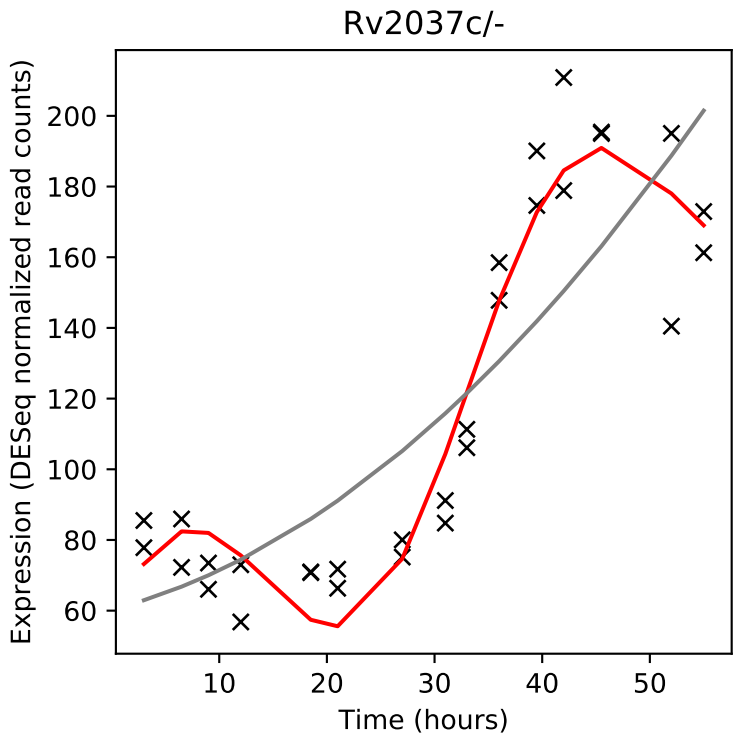

Rv2032/acg
Expression (DESeq normalized read counts)
Time (hours)

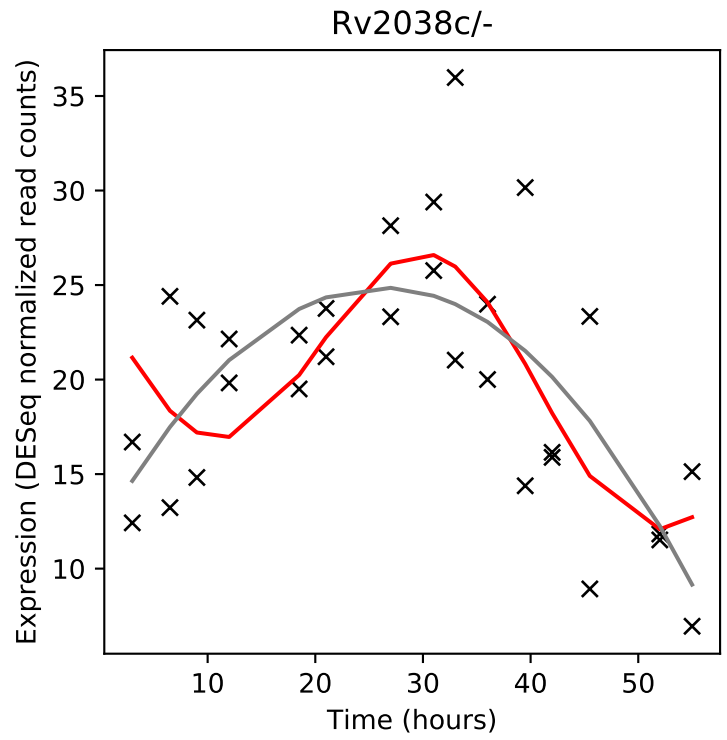

Rv2033c/-
Expression (DESeq normalized read counts)
Time (hours)

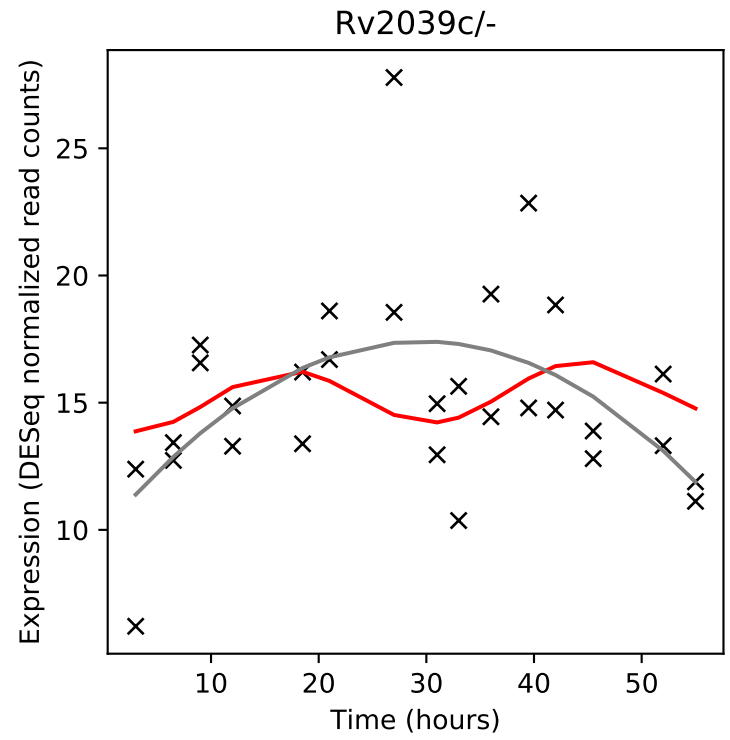

Rv2034/-
Expression (DESeq normalized read counts)
Time (hours)

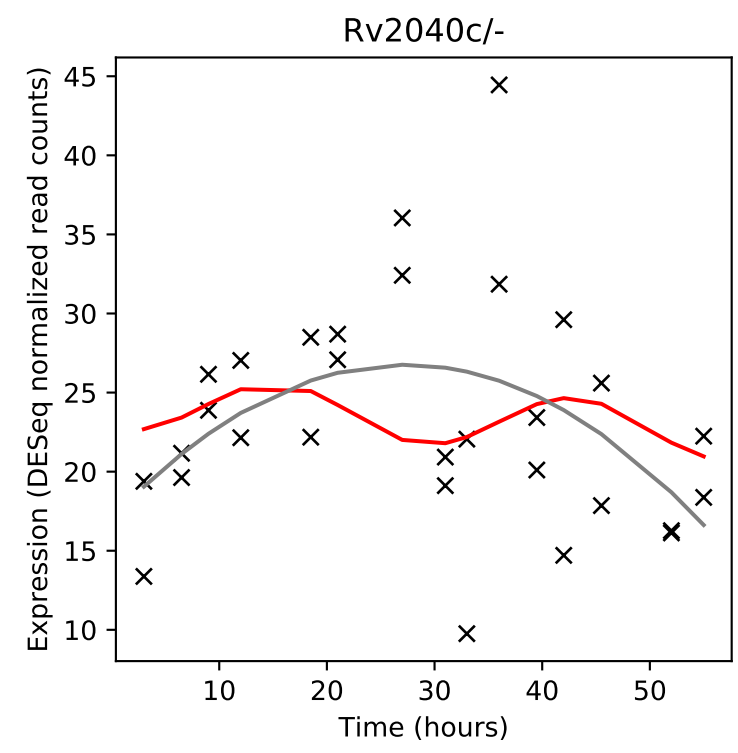

Rv2035/-
Expression (DESeq normalized read counts)
Time (hours)

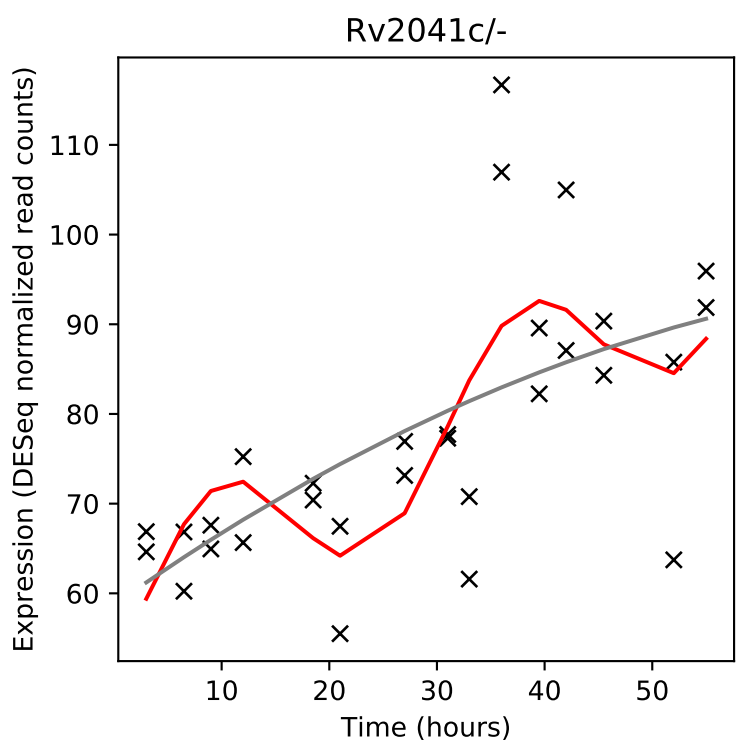

Rv2036/-
Expression (DESeq normalized read counts)
Time (hours)

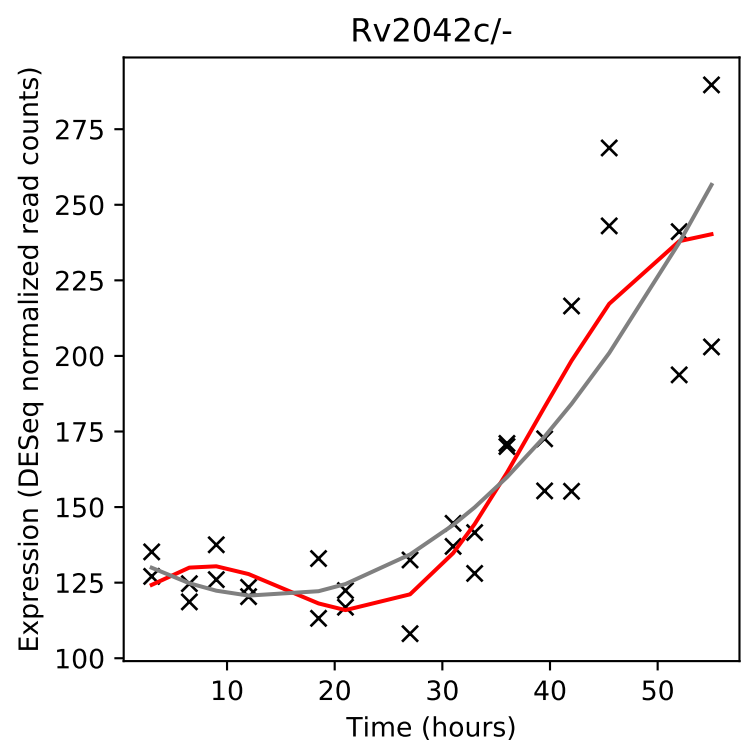

Rv2037c/-
Expression (DESeq normalized read counts)
Time (hours)

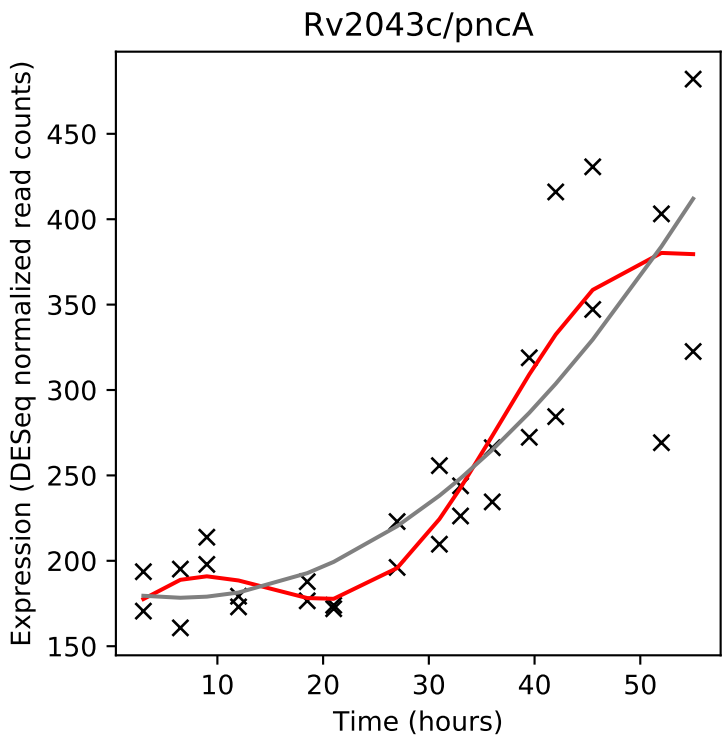

Rv2038c/-
Expression (DESeq normalized read counts)
Time (hours)

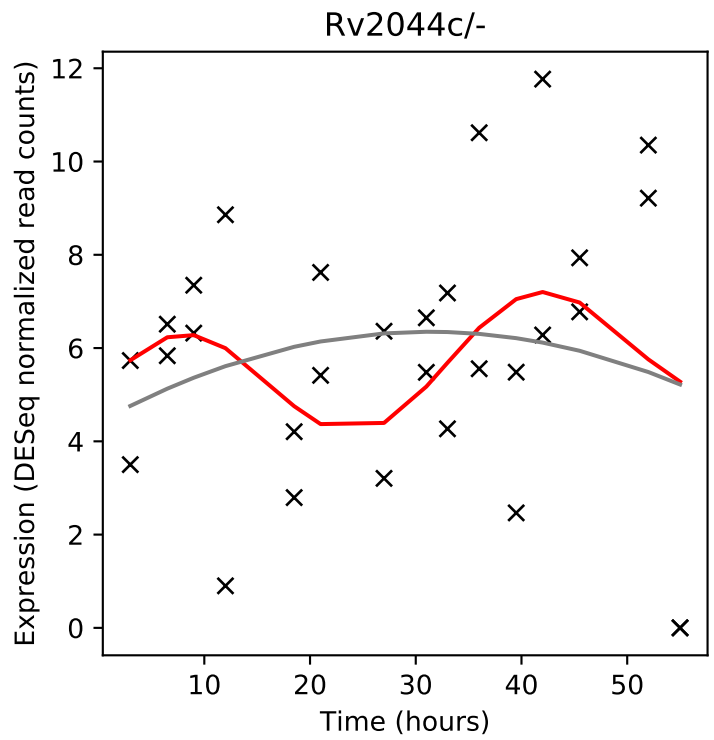

Rv2039c/-
Expression (DESeq normalized read counts)
Time (hours)

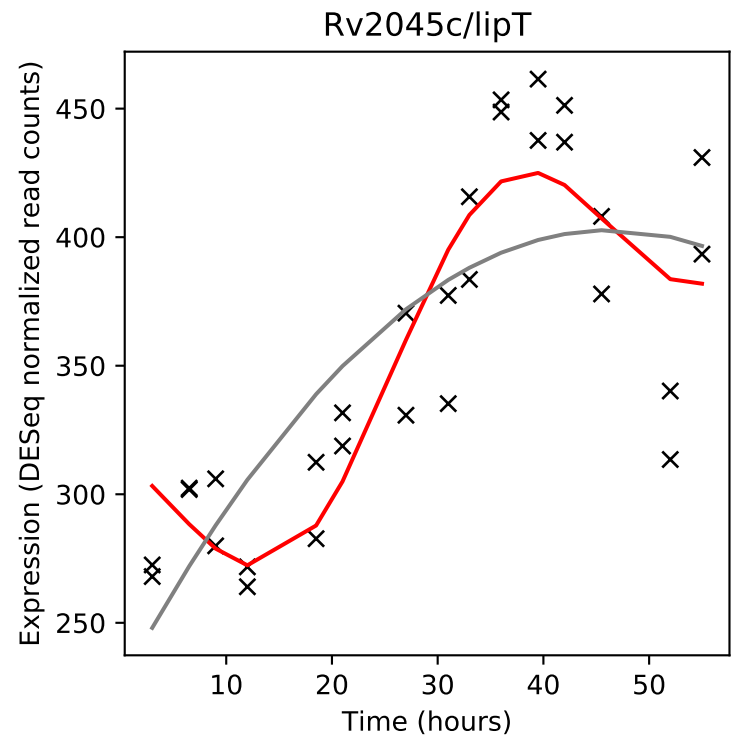

Rv2040c/-
Expression (DESeq normalized read counts)
Time (hours)

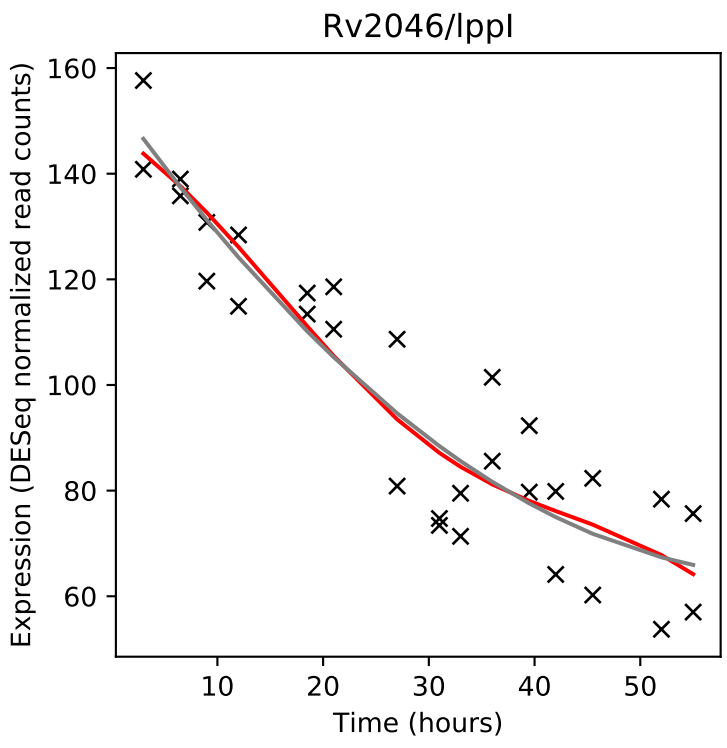

Rv2041c/-
Expression (DESeq normalized read counts)
Time (hours)

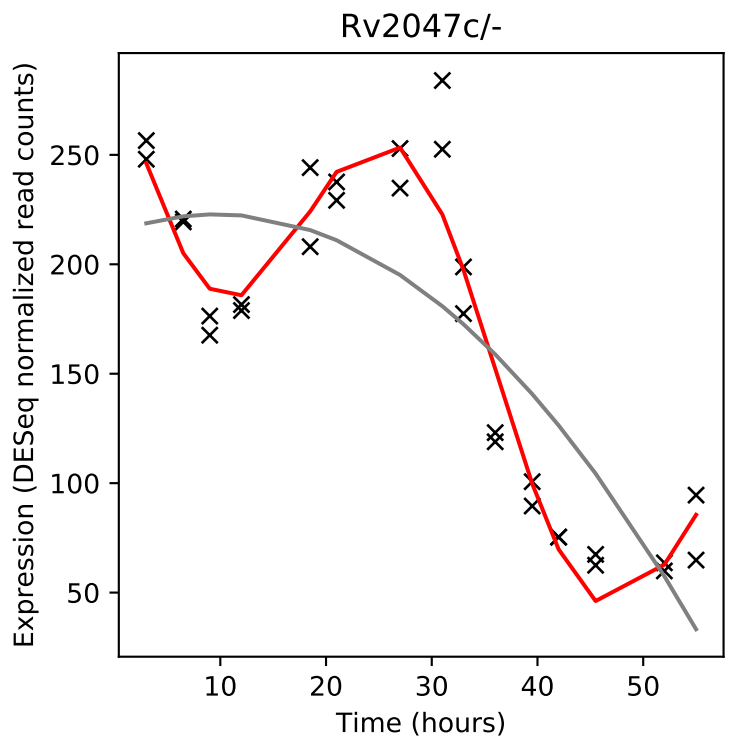

Rv2042c/-
Expression (DESeq normalized read counts)
Time (hours)

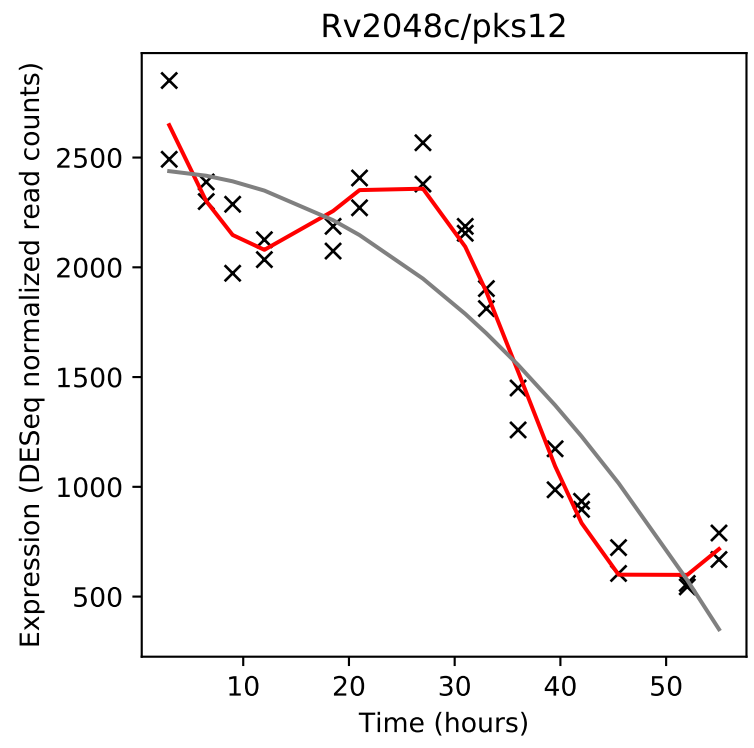

Rv2043c/pncA
Expression (DESeq normalized read counts)
Time (hours)

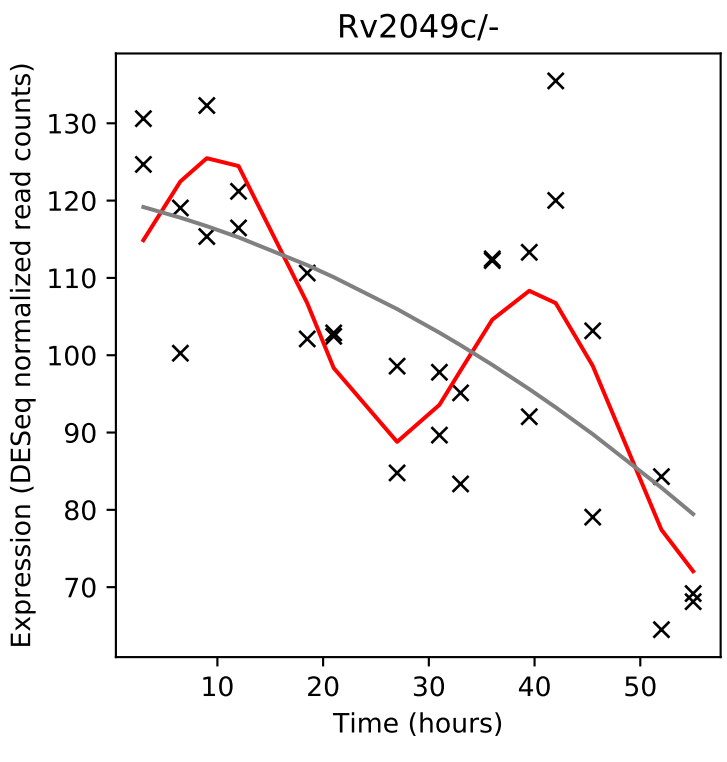

Rv2044c/-
Expression (DESeq normalized read counts)
Time (hours)

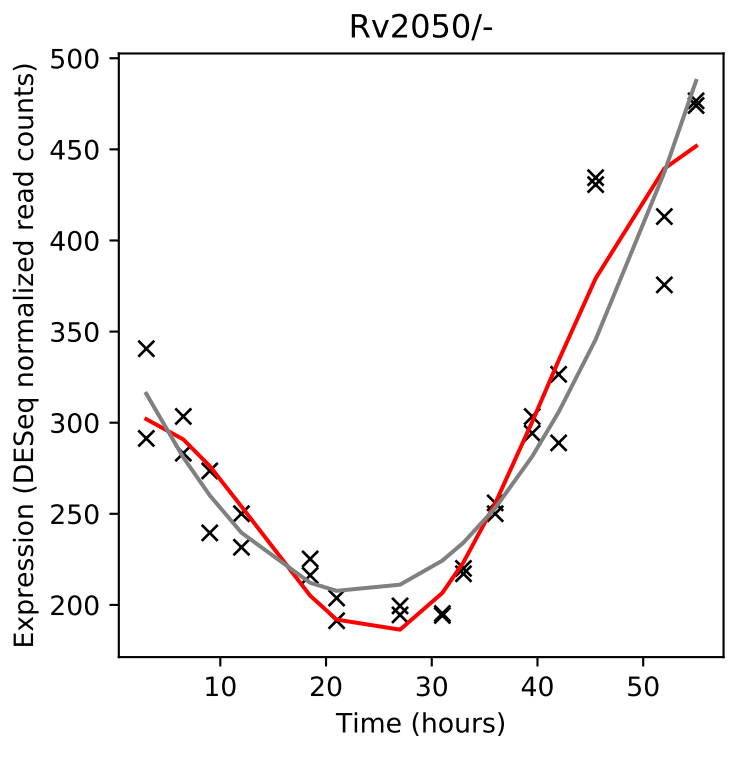

Rv2045c/lipT
Expression (DESeq normalized read counts)
Time (hours)

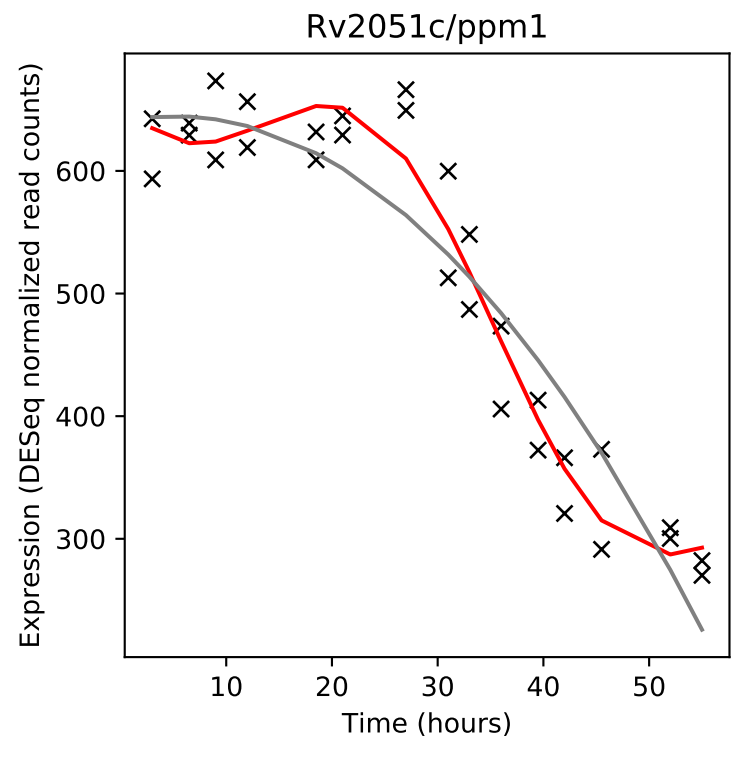

Rv2046/lppI
Expression (DESeq normalized read counts)
Time (hours)

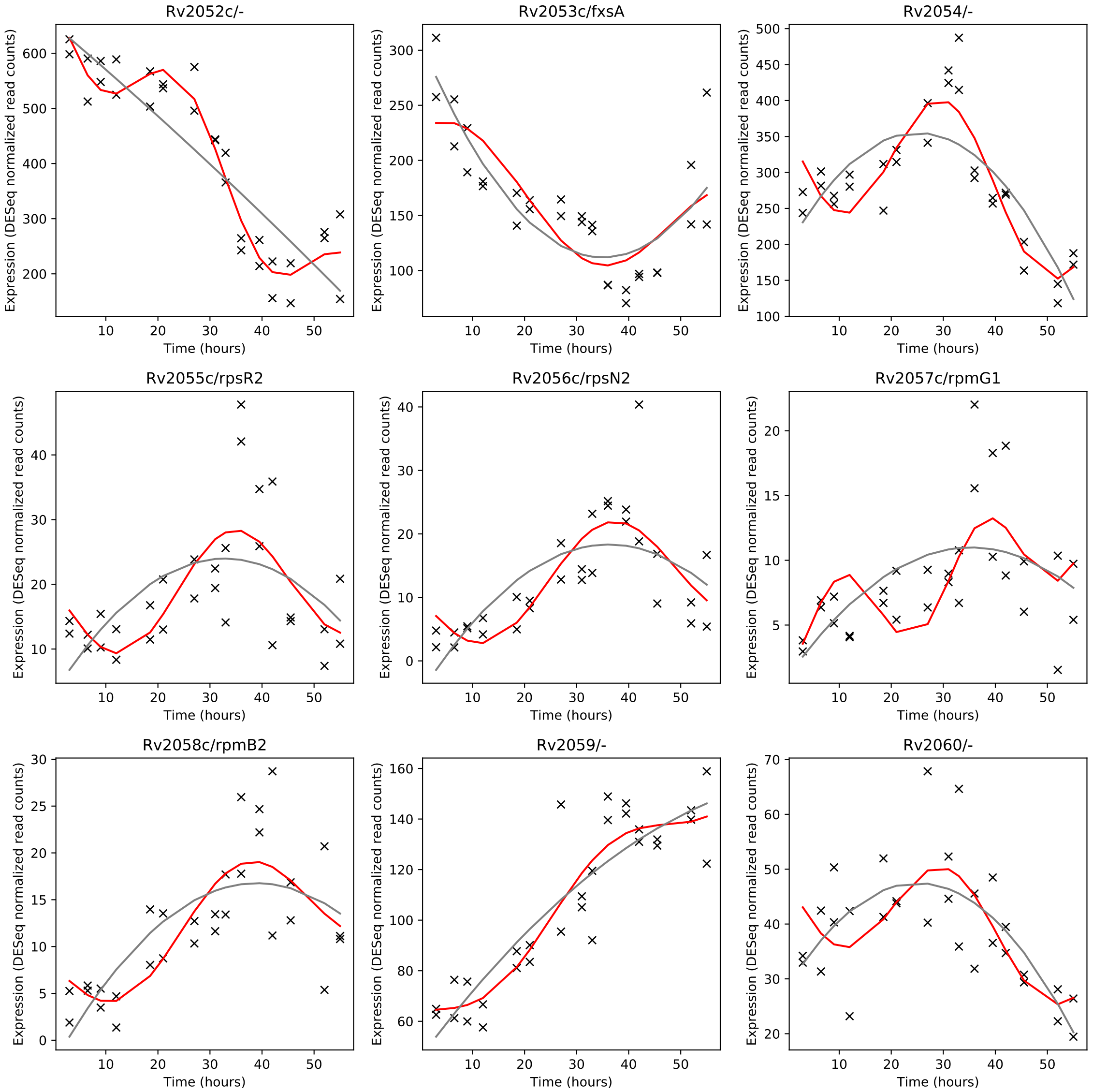

Rv2047c/-
Expression (DESeq normalized read counts)
Time (hours)

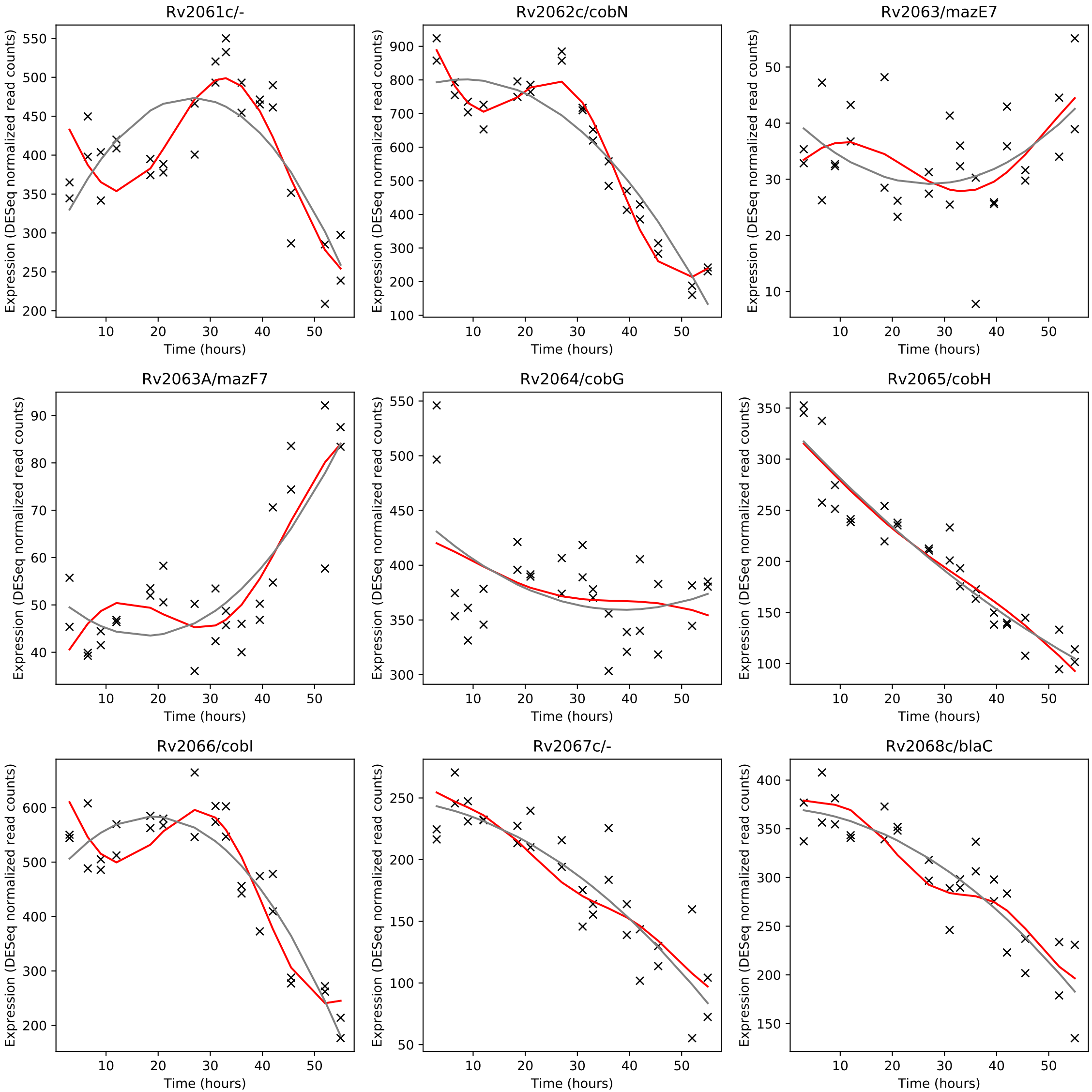

Rv2048c/pks12
Expression (DESeq normalized read counts)
Time (hours)

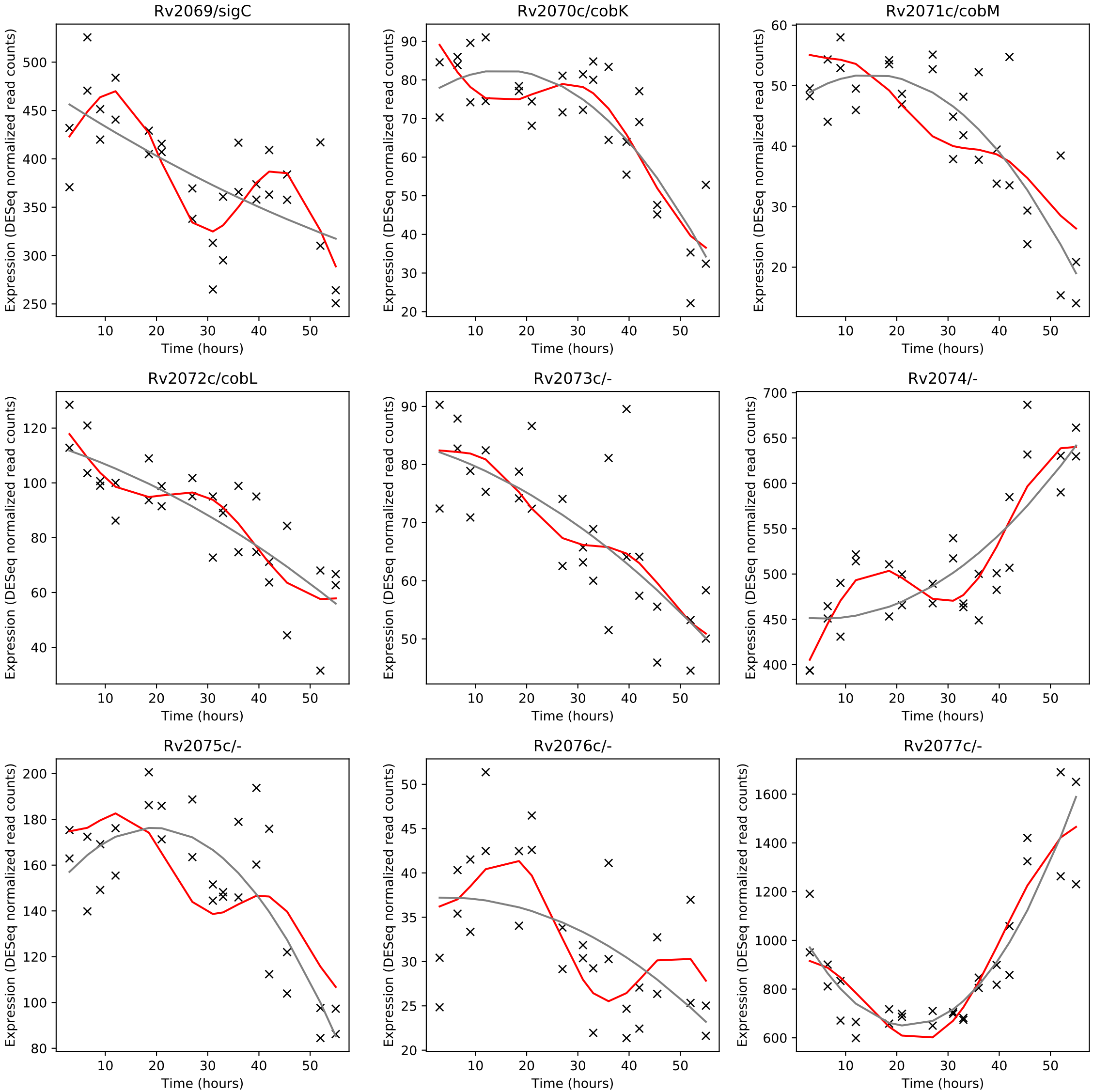

Rv2049c/-
Expression (DESeq normalized read counts)
Time (hours)

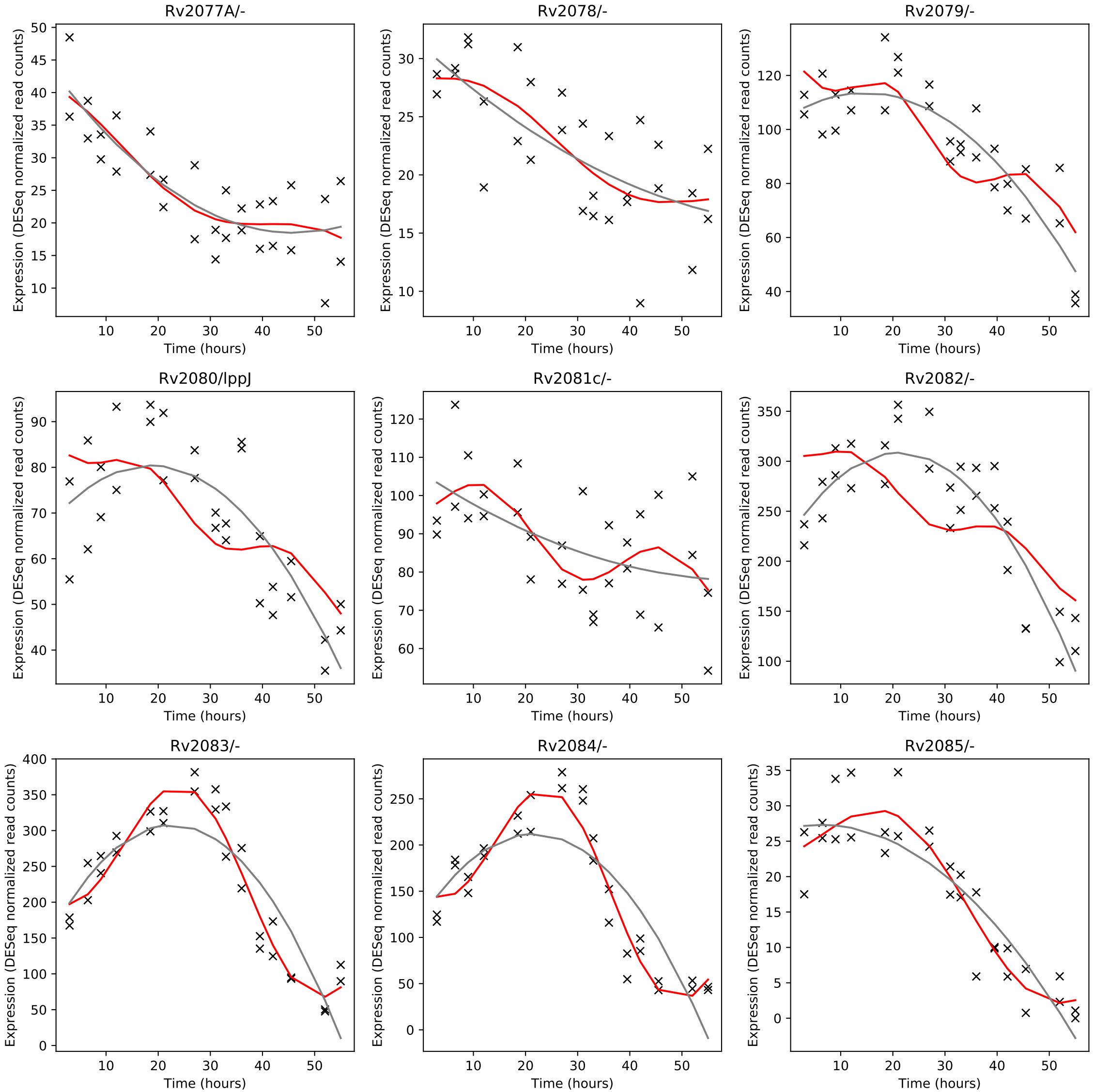

Rv2050/-
Expression (DESeq normalized read counts)
Time (hours)

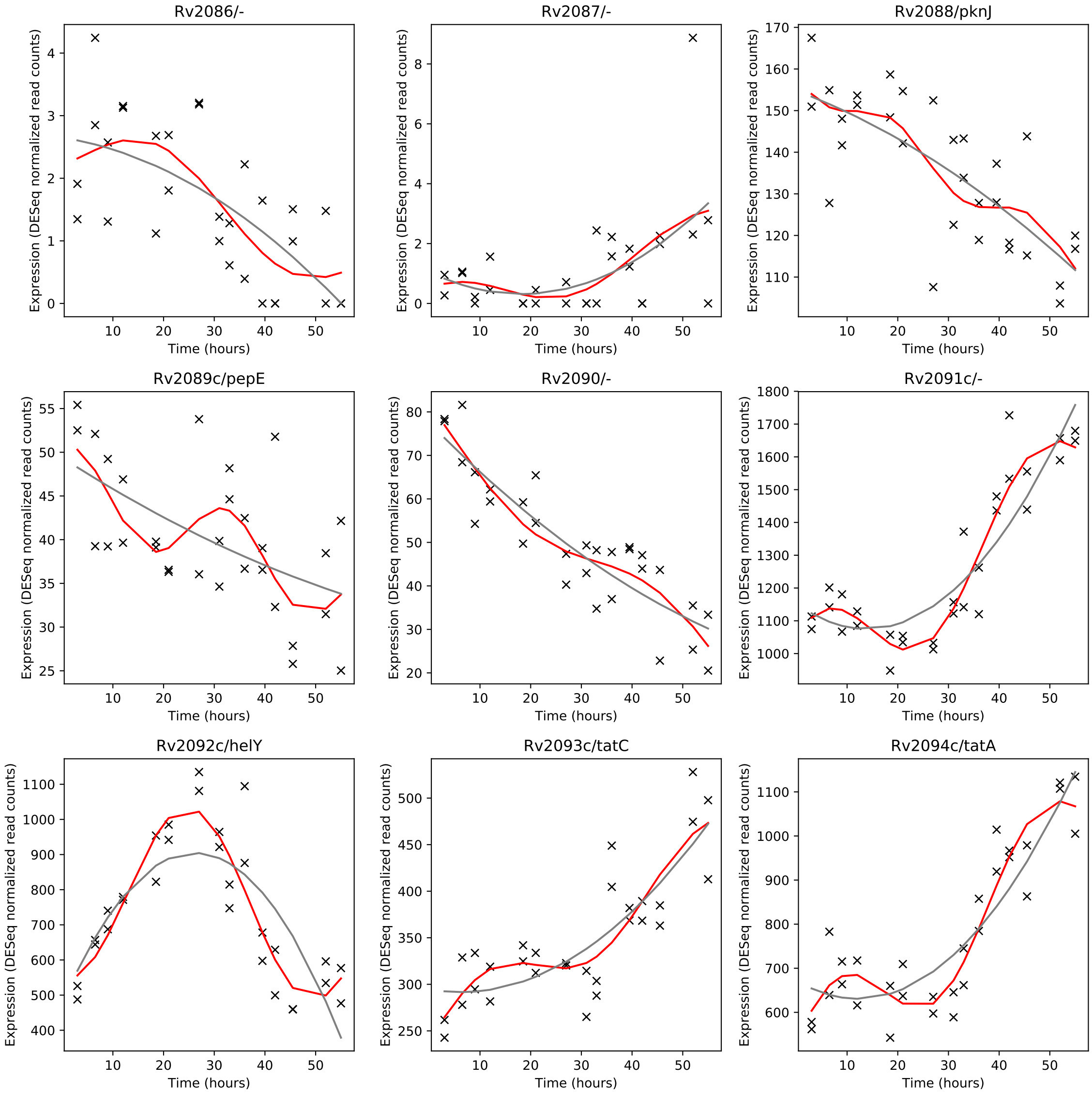

Rv2051c/ppm1
Expression (DESeq normalized read counts)
Time (hours)

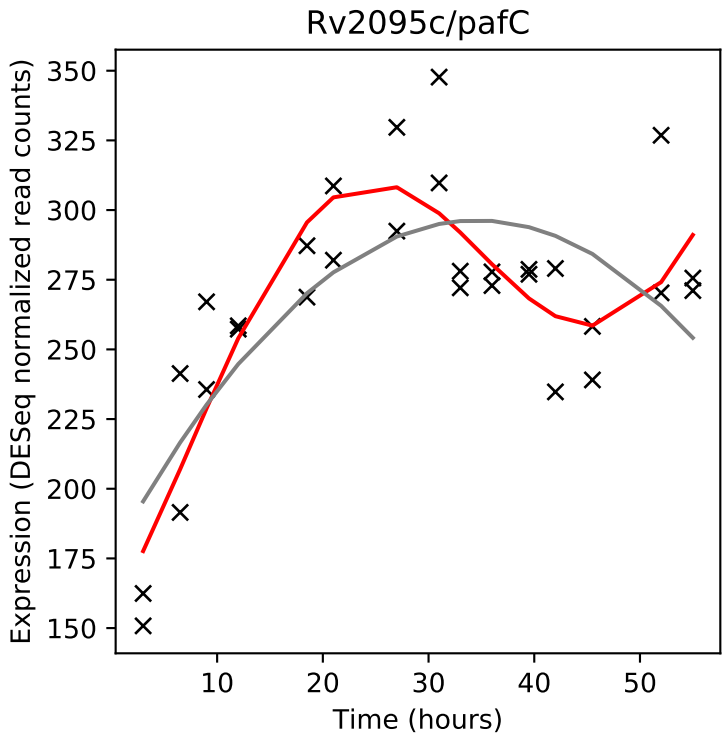

Rv2052c/-
Rv2053c/fxsA
Rv2054/-
Rv2055c/rpsR2
Rv2056c/rpsN2
Rv2057c/rpmG1
Rv2058c/rpmB2
Rv2059/-
Rv2060/-
Expression (DESeq normalized read counts)
Time (hours)

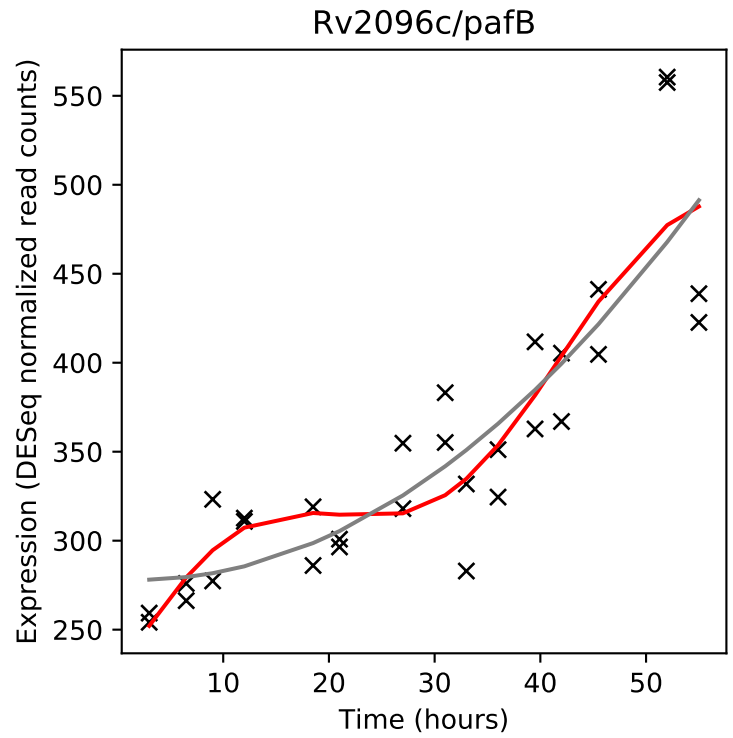

Rv2061c/-
Rv2062c/cobN
Rv2063/mazE7
Rv2063A/mazF7
Rv2064/cobG
Rv2065/cobH
Rv2066/cobI
Rv2067c/-
Rv2068c/blaC
Expression (DESeq normalized read counts)
Time (hours)

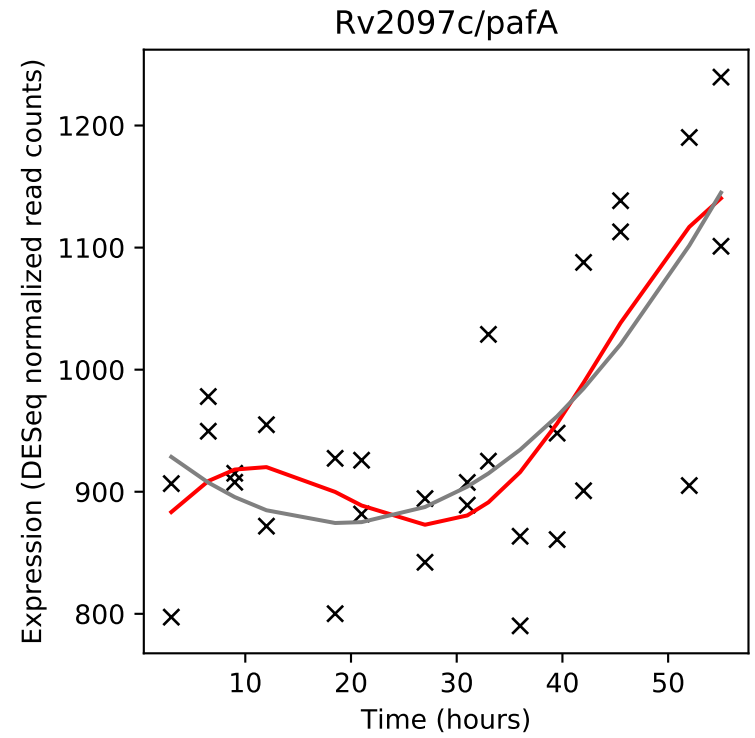

Rv2069/sigC
Rv2070c/cobK
Rv2071c/cobM
Rv2072c/cobL
Rv2073c/-
Rv2074/-
Rv2075c/-
Rv2076c/-
Rv2077c/-
Expression (DESeq normalized read counts)
Time (hours)

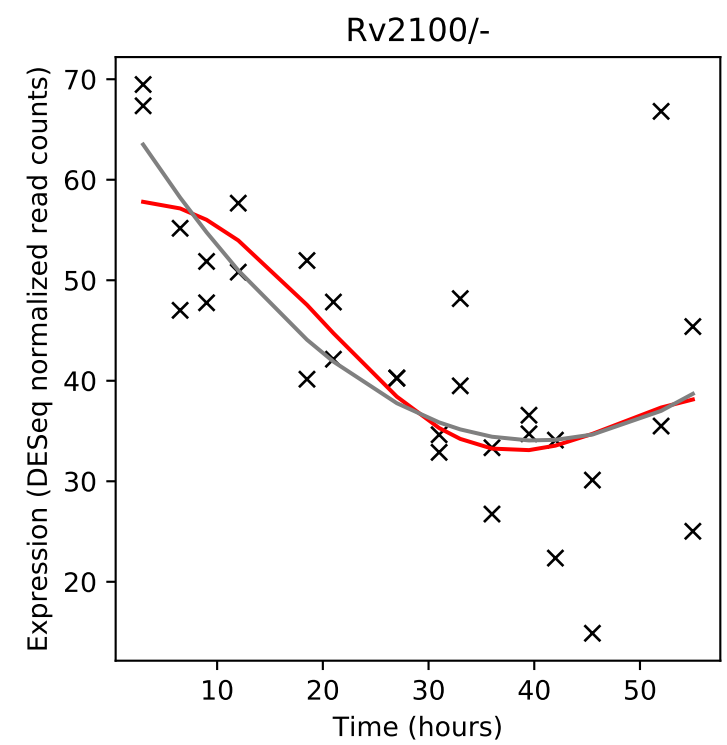

Rv2077A/-
Rv2078/-
Rv2079/-
Rv2080/lppJ
Rv2081c/-
Rv2082/-
Rv2083/-
Rv2084/-
Rv2085/-
Expression (DESeq normalized read counts)
Time (hours)

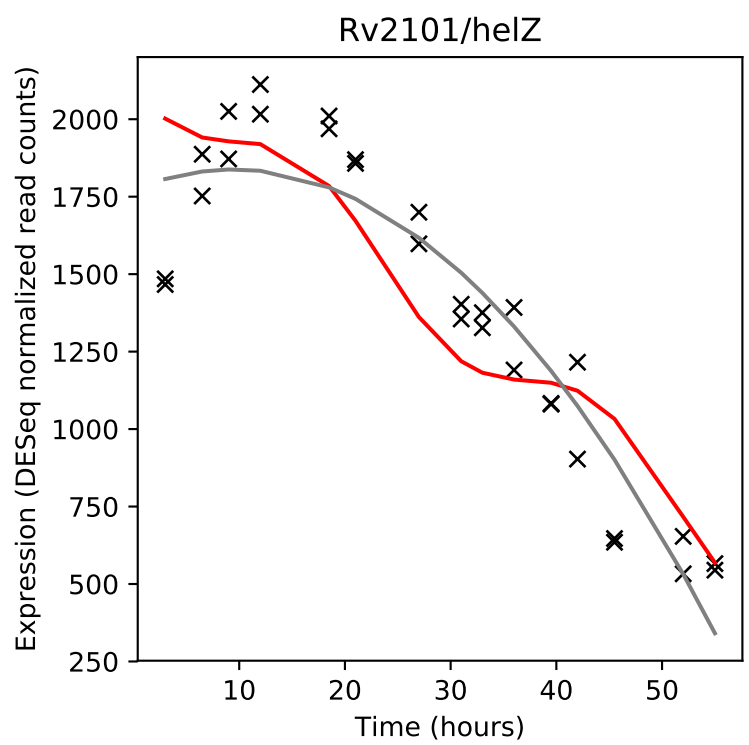

Rv2086/-
Rv2087/-
Rv2088/pknJ
Rv2089c/pepE
Rv2090/-
Rv2091c/-
Rv2092c/helY
Rv2093c/tatC
Rv2094c/tatA
Expression (DESeq normalized read counts)
Time (hours)

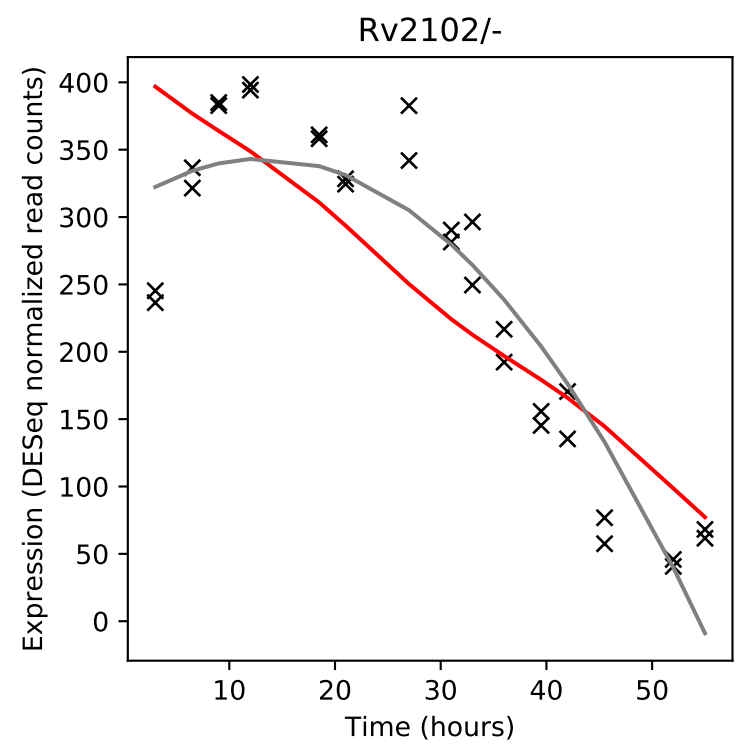

Rv2095c/pafC
Expression (DESeq normalized read counts)
Time (hours)

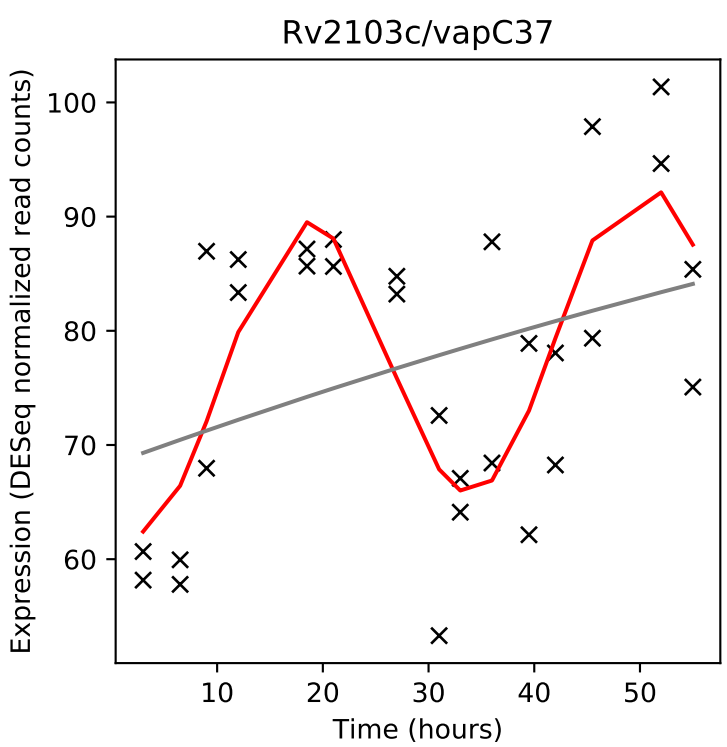

Rv2096c/pafB
Expression (DESeq normalized read counts)
Time (hours)

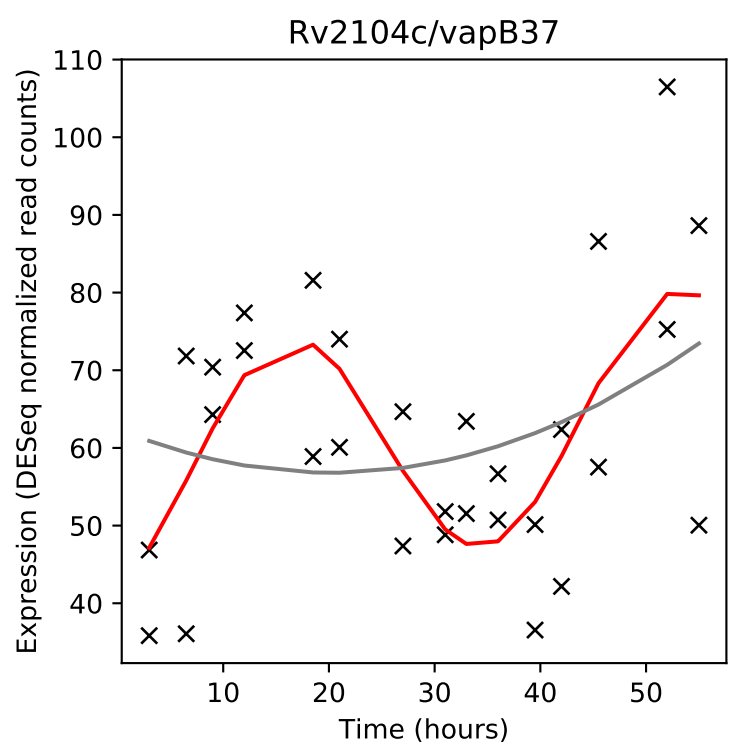

Rv2097c/pafA
Expression (DESeq normalized read counts)
Time (hours)

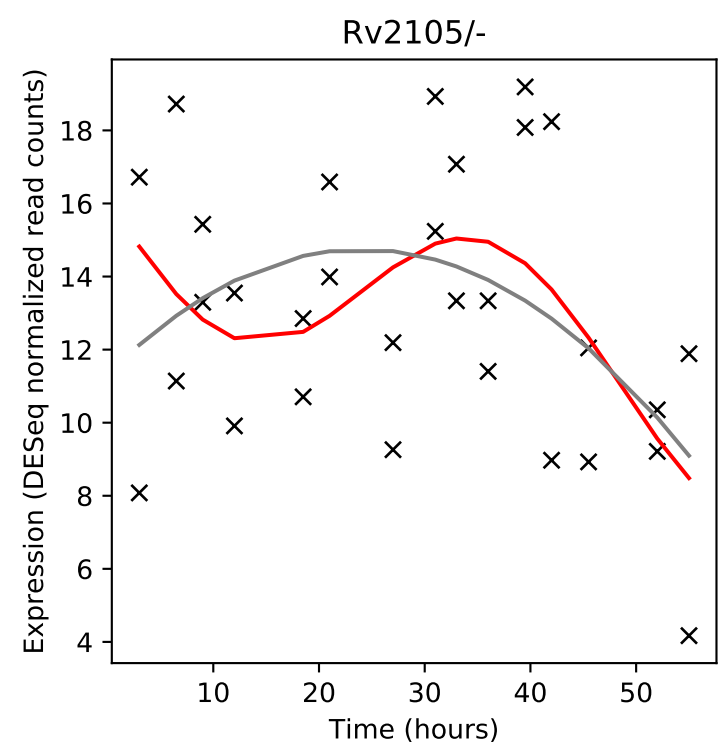

Rv2100/-
Expression (DESeq normalized read counts)
Time (hours)

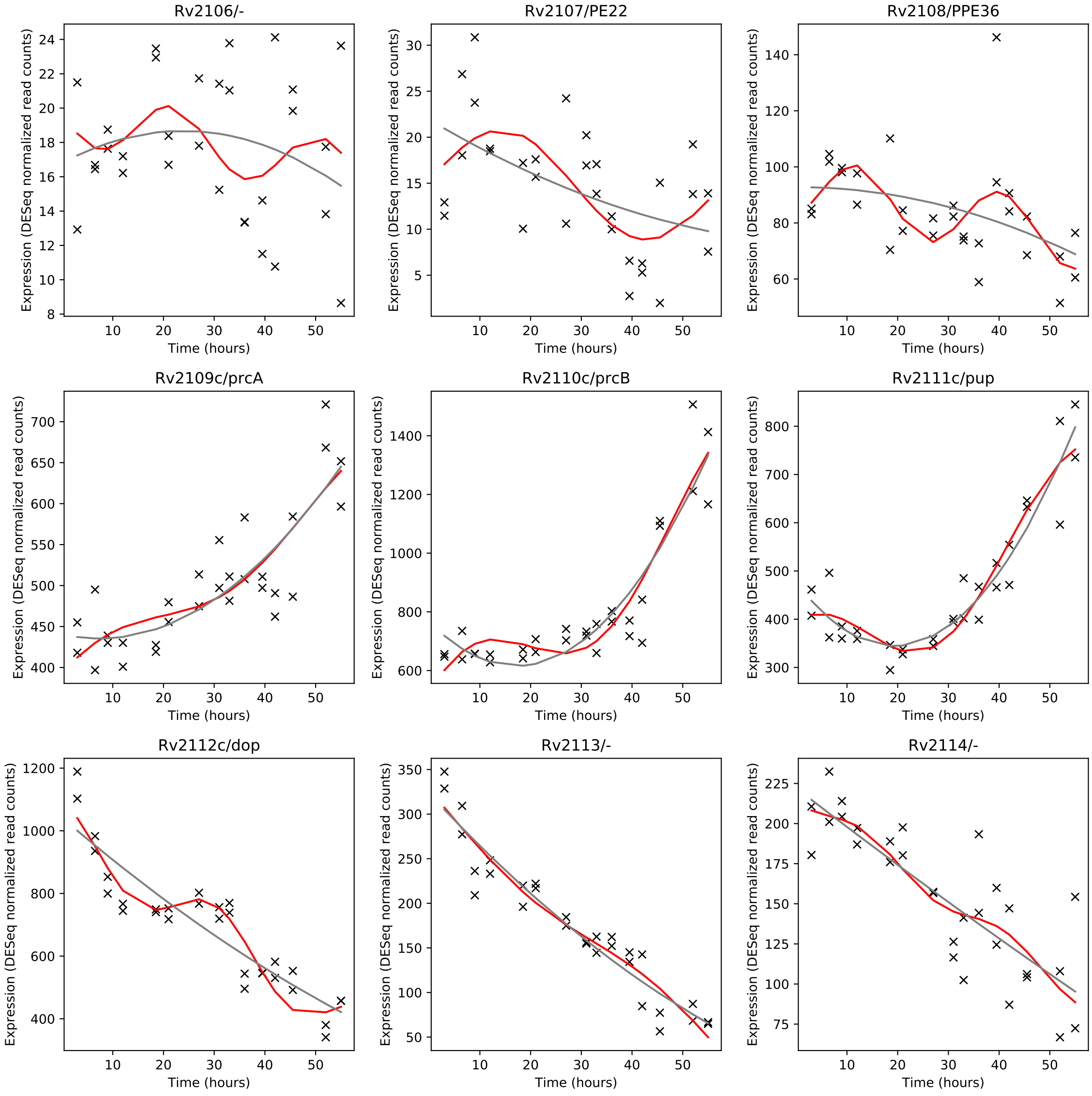

Rv2101/helZ
Expression (DESeq normalized read counts)
Time (hours)

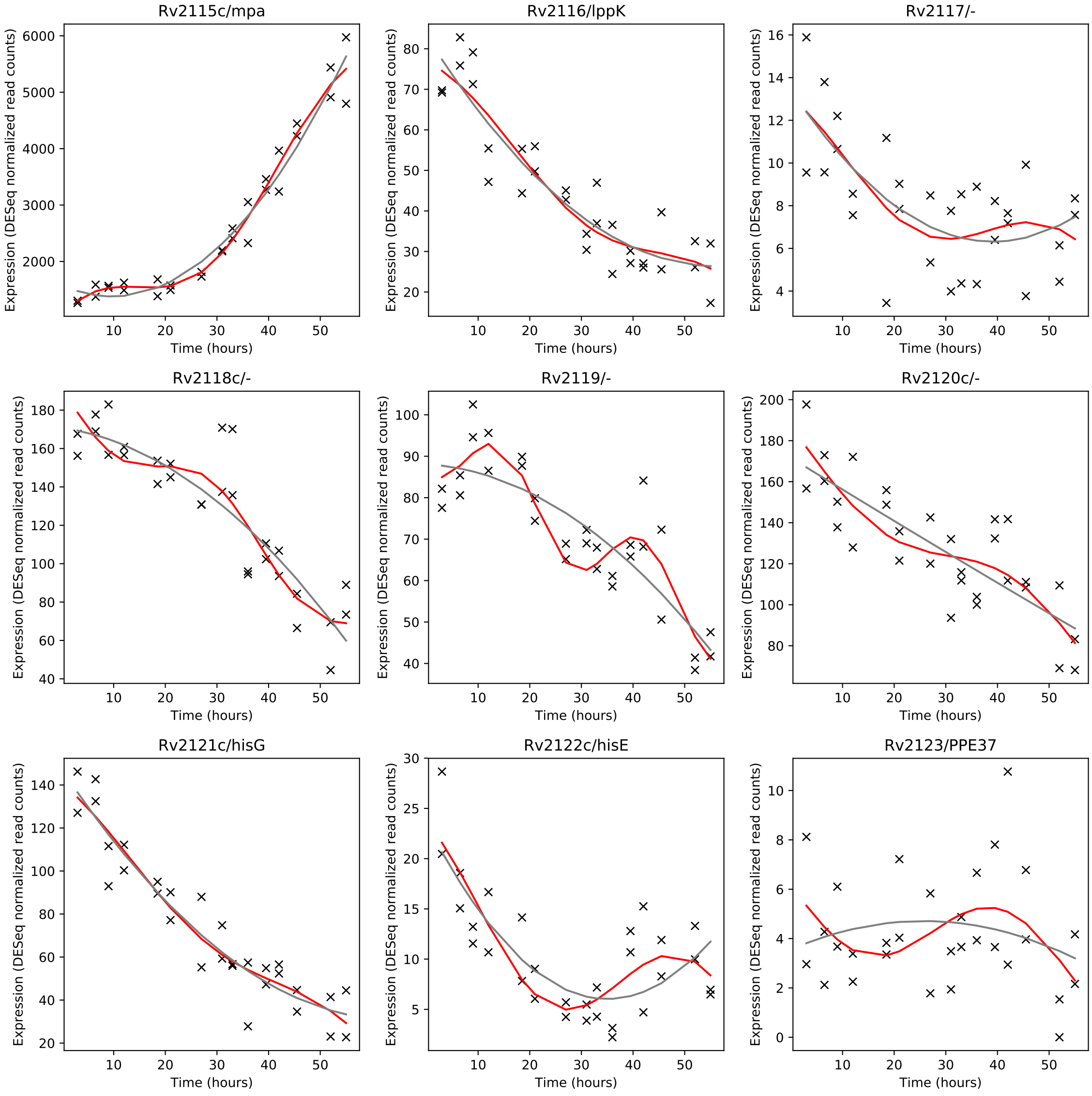

Rv2102/-
Expression (DESeq normalized read counts)
Time (hours)

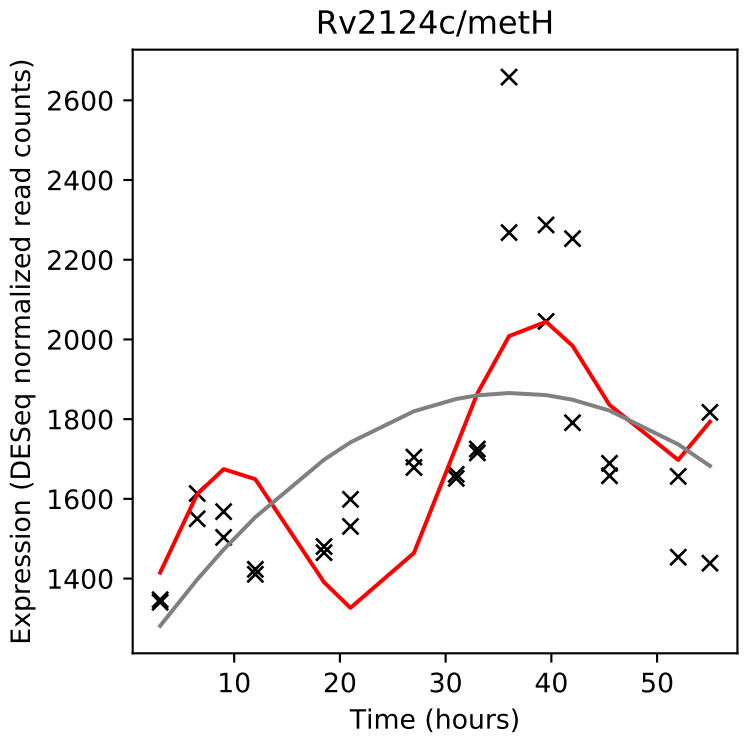

Rv2103c/vapC37
Expression (DESeq normalized read counts)
Time (hours)

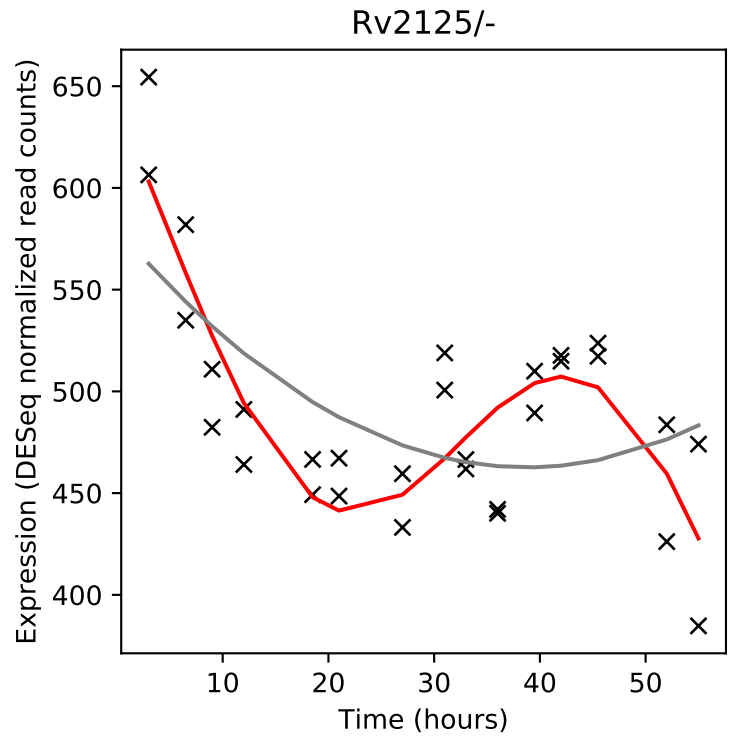

Rv2104c/vapB37
Expression (DESeq normalized read counts)
Time (hours)

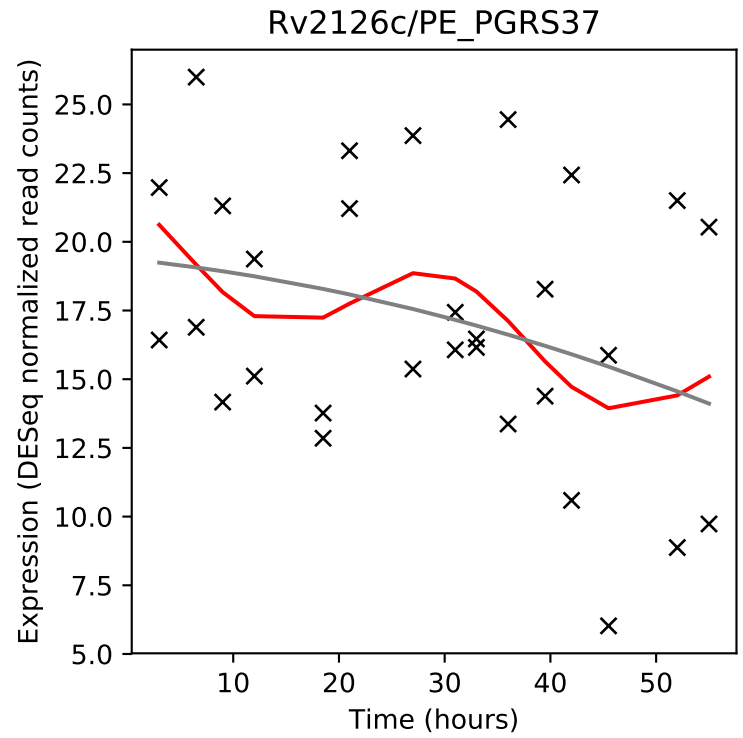

Rv2105/-
Expression (DESeq normalized read counts)
Time (hours)

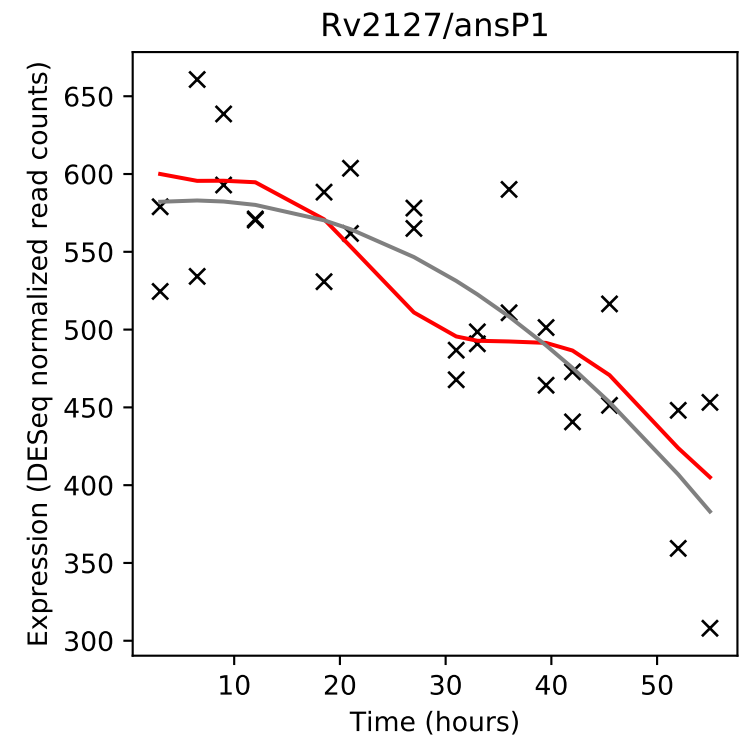

Rv2106/-
Rv2107/PE22
Rv2108/PPE36
Rv2109c/prcA
Rv2110c/prcB
Rv2111c/pup
Rv2112c/dop
Rv2113/-
Rv2114/-
Expression (DESeq normalized read counts)
Time (hours)

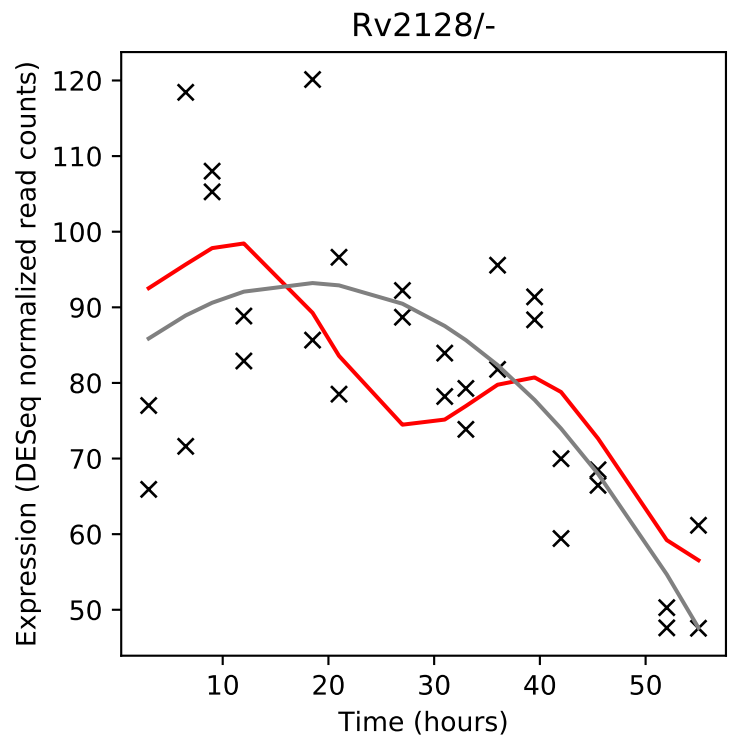

Rv2115c/mpa
Rv2116/lppK
Rv2117/-
Rv2118c/-
Rv2119/-
Rv2120c/-
Rv2121c/hisG
Rv2122c/hisE
Rv2123/PPE37
Expression (DESeq normalized read counts)
Time (hours)

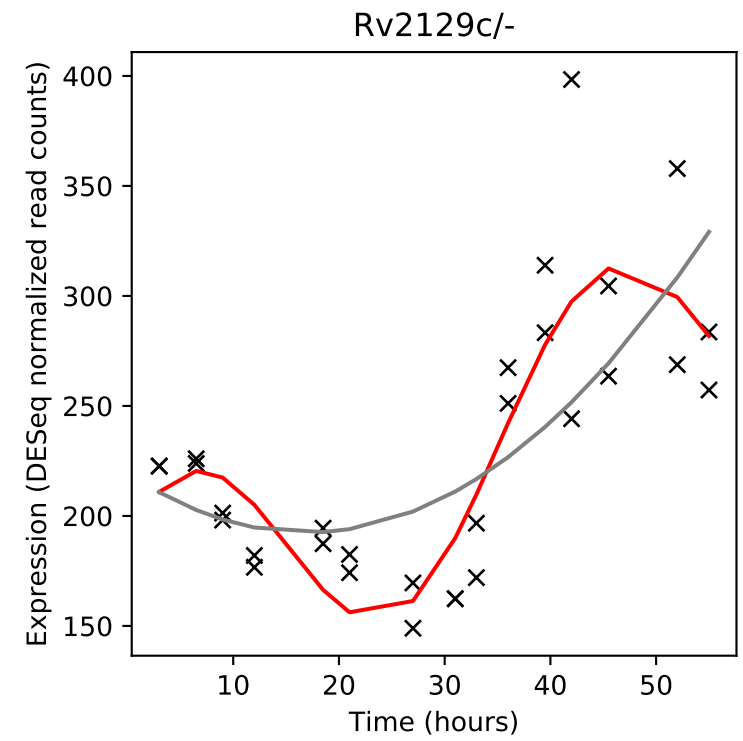

Rv2124c/metH
Expression (DESeq normalized read counts)
Time (hours)

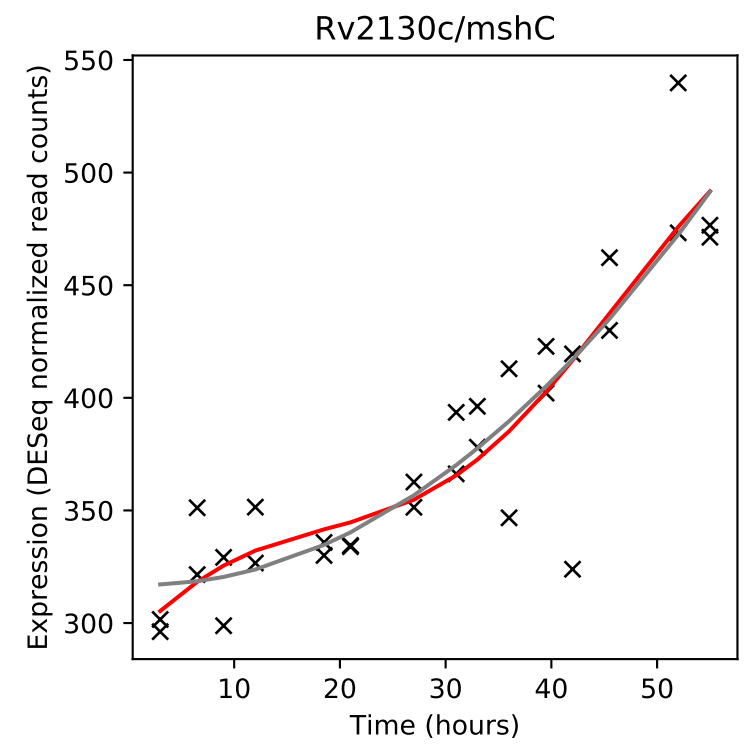

Rv2125/-
Expression (DESeq normalized read counts)
Time (hours)

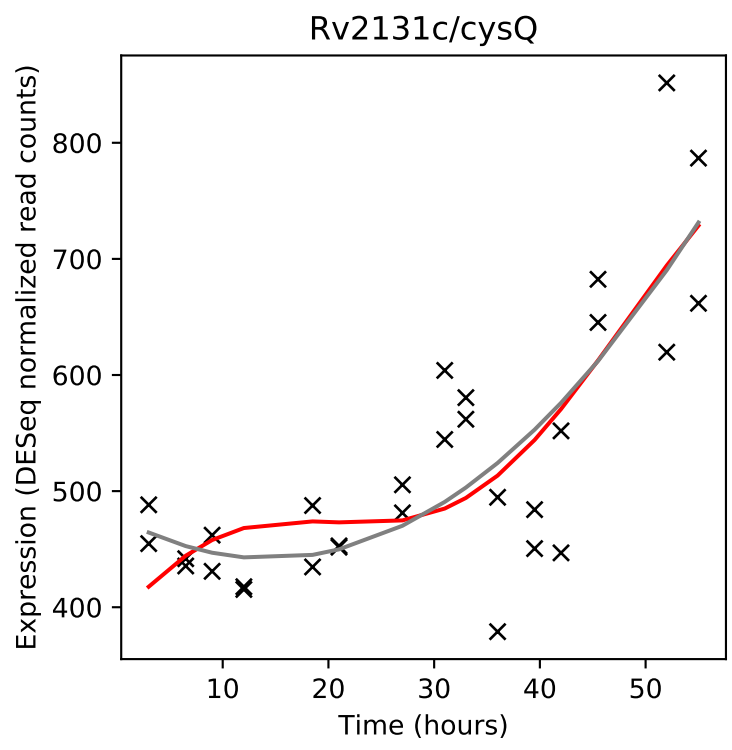

Rv2126c/PE_PGRS37
Expression (DESeq normalized read counts)
Time (hours)

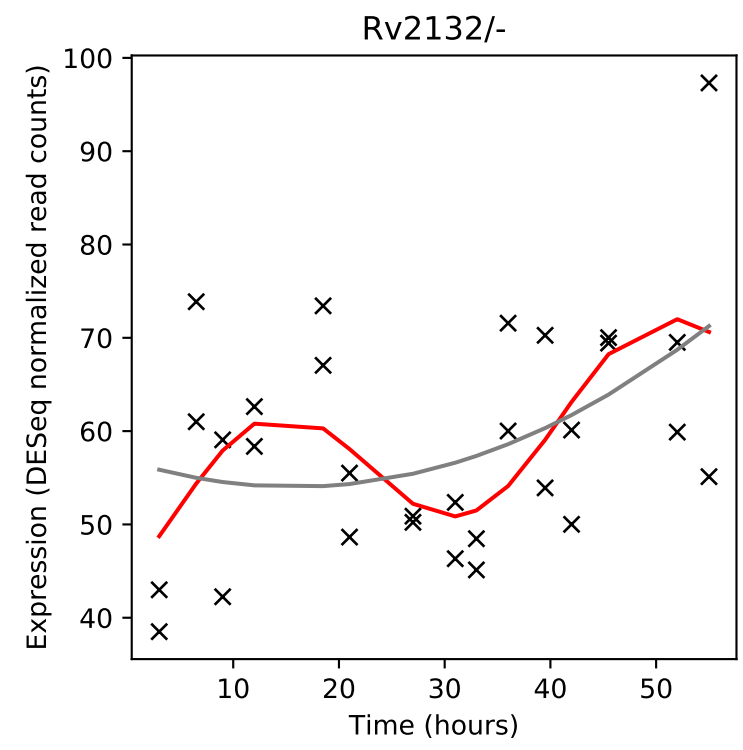

Rv2127/ansP1
Expression (DESeq normalized read counts)
Time (hours)

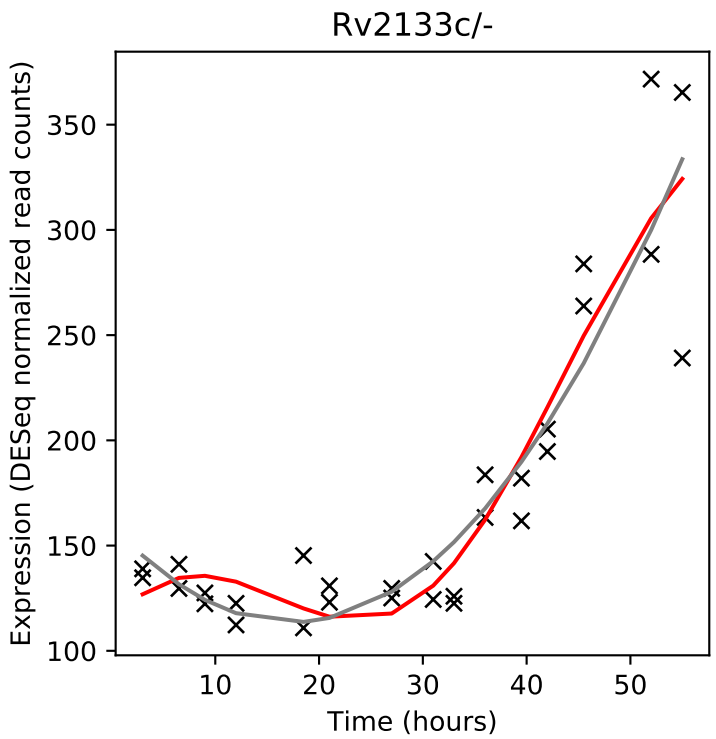

Rv2128/-
Expression (DESeq normalized read counts)
Time (hours)

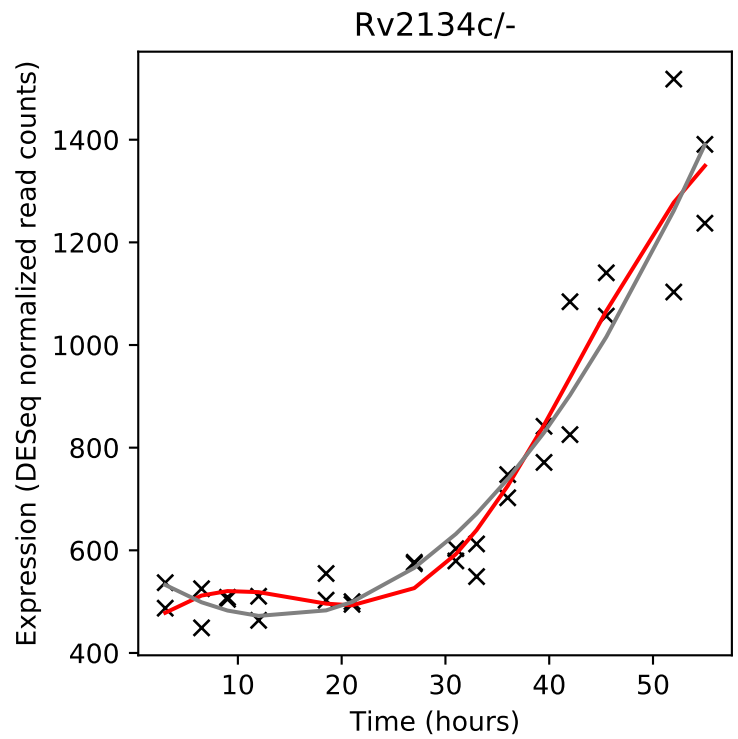

Rv2129c/-
Expression (DESeq normalized read counts)
Time (hours)

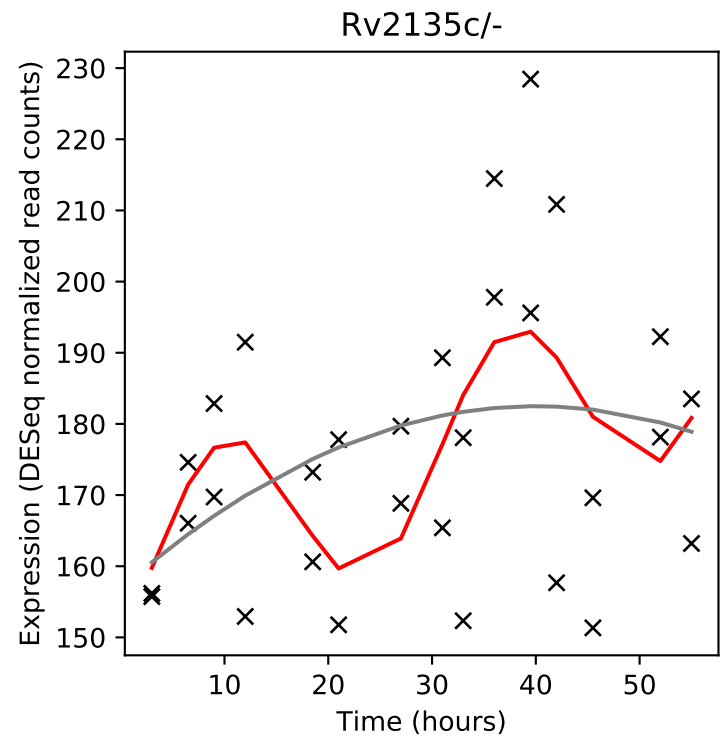

Rv2130c/mshC
Expression (DESeq normalized read counts)
Time (hours)

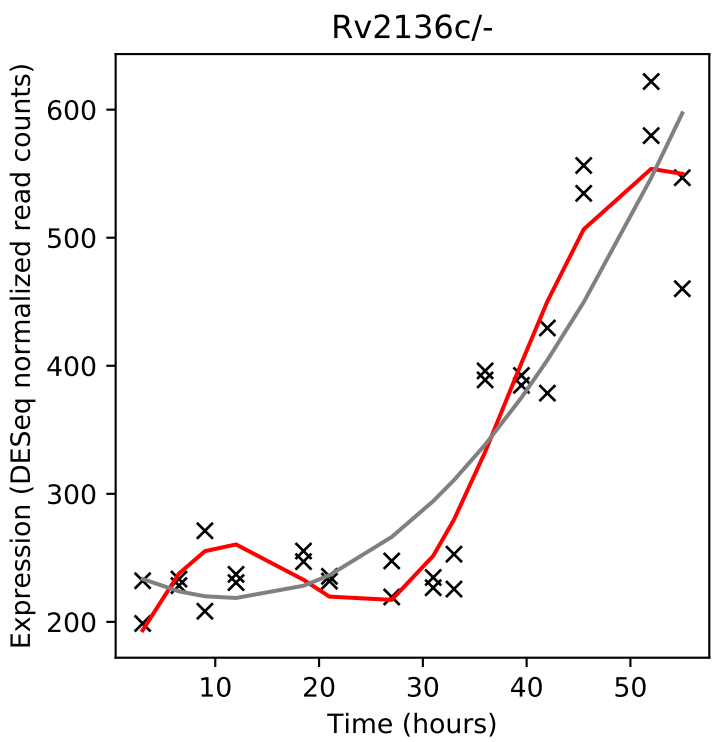

Rv2131c/cysQ
Expression (DESeq normalized read counts)
Time (hours)

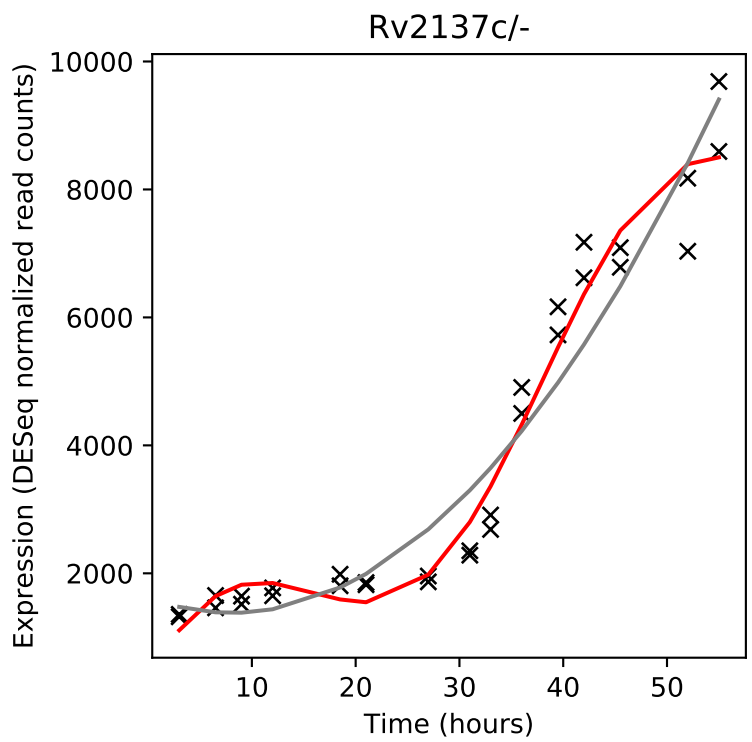

Rv2132/-
Expression (DESeq normalized read counts)
Time (hours)

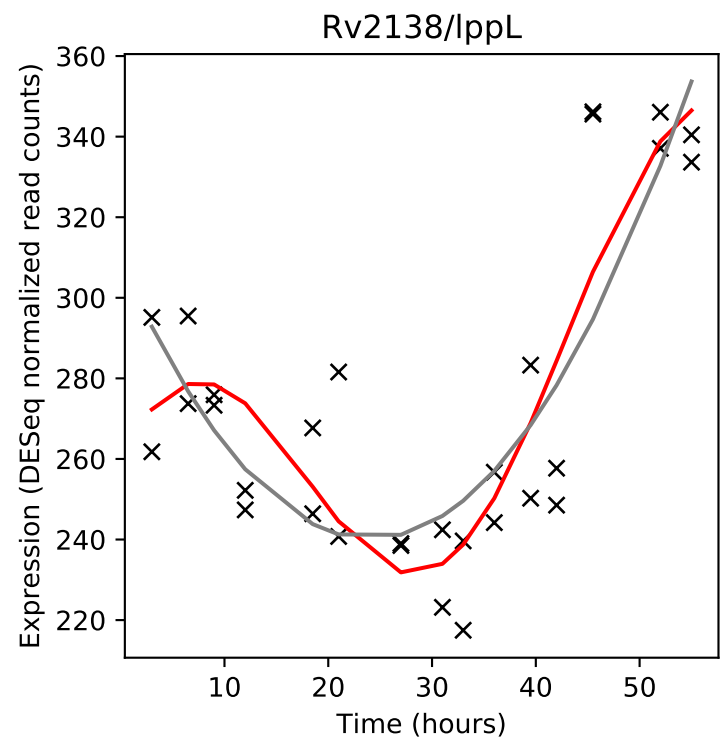

Rv2133c/-
Expression (DESeq normalized read counts)
Time (hours)

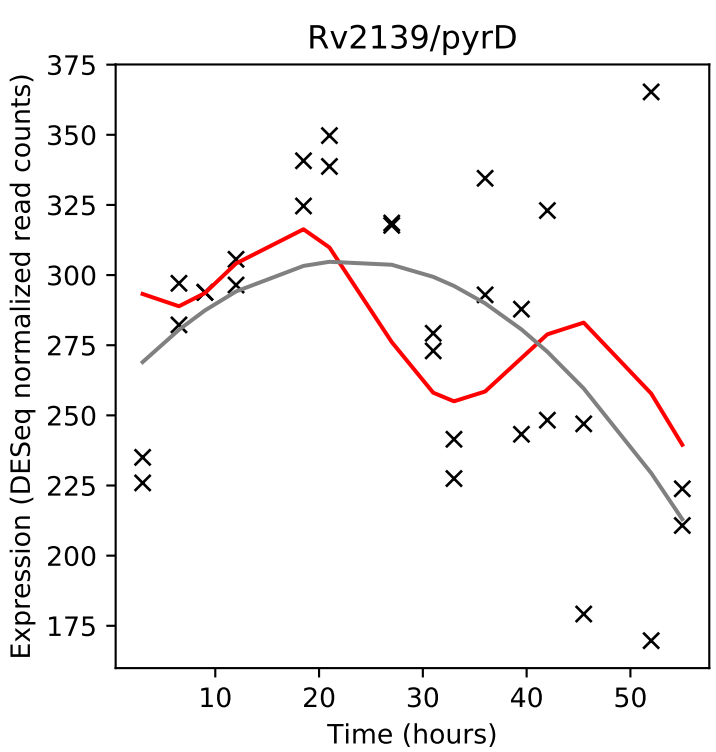

Rv2134c/-
Expression (DESeq normalized read counts)
Time (hours)

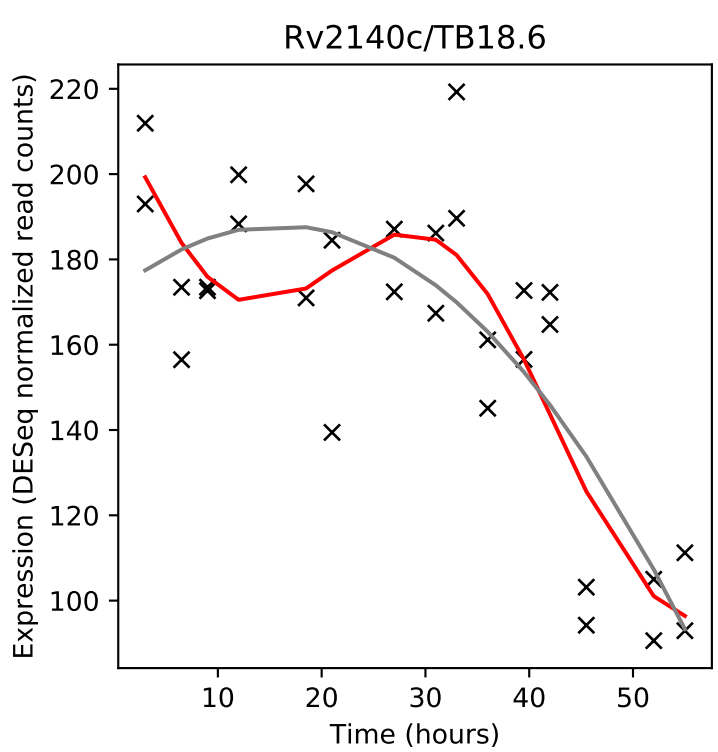

Rv2135c/-
Expression (DESeq normalized read counts)
Time (hours)

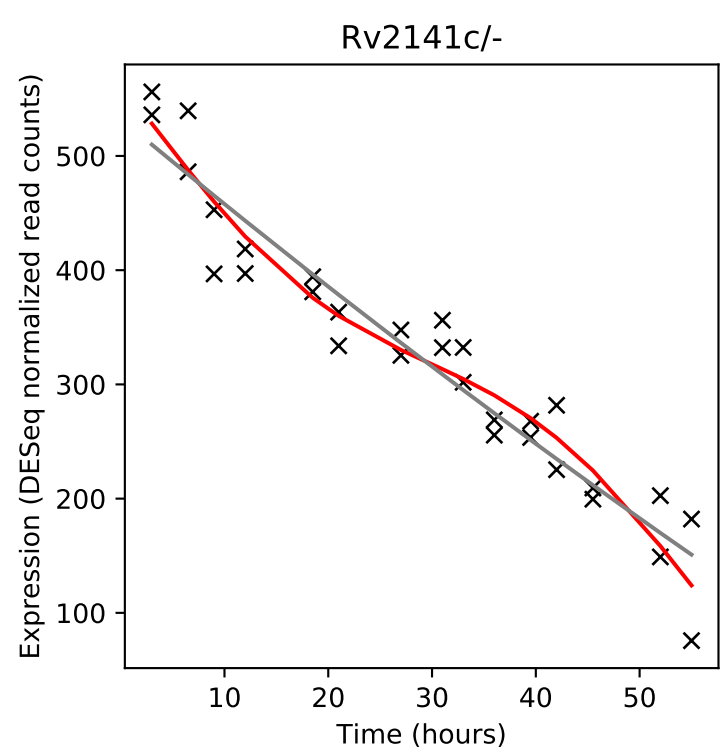

Rv2136c/-
Expression (DESeq normalized read counts)
Time (hours)

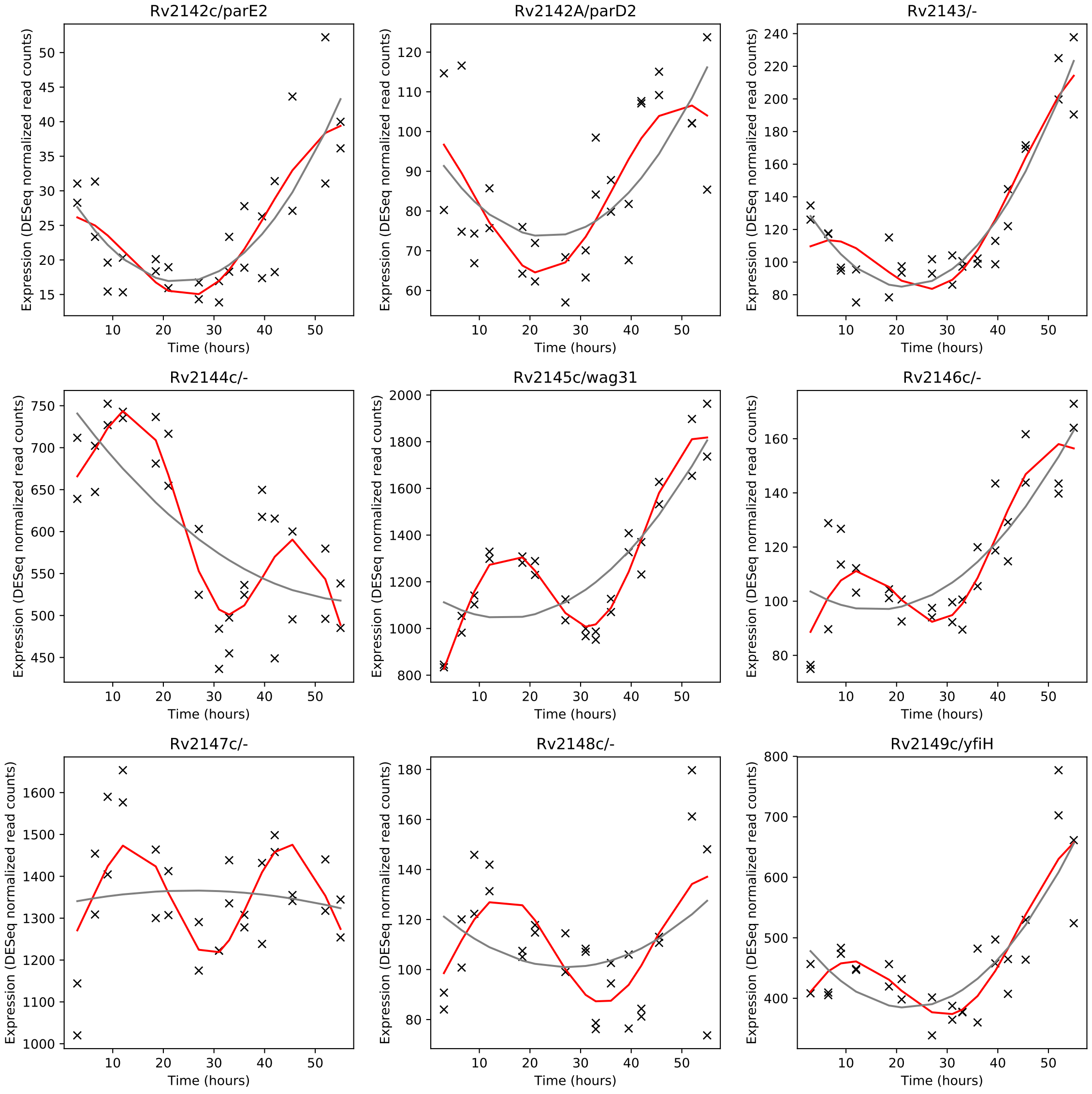

Rv2137c/-
Expression (DESeq normalized read counts)
Time (hours)

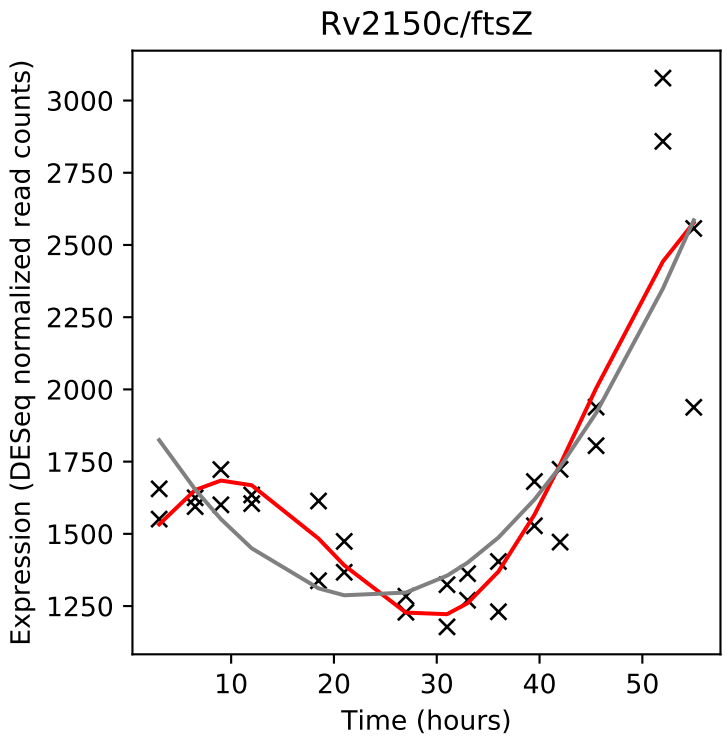

Rv2138/lppL
Expression (DESeq normalized read counts)
Time (hours)

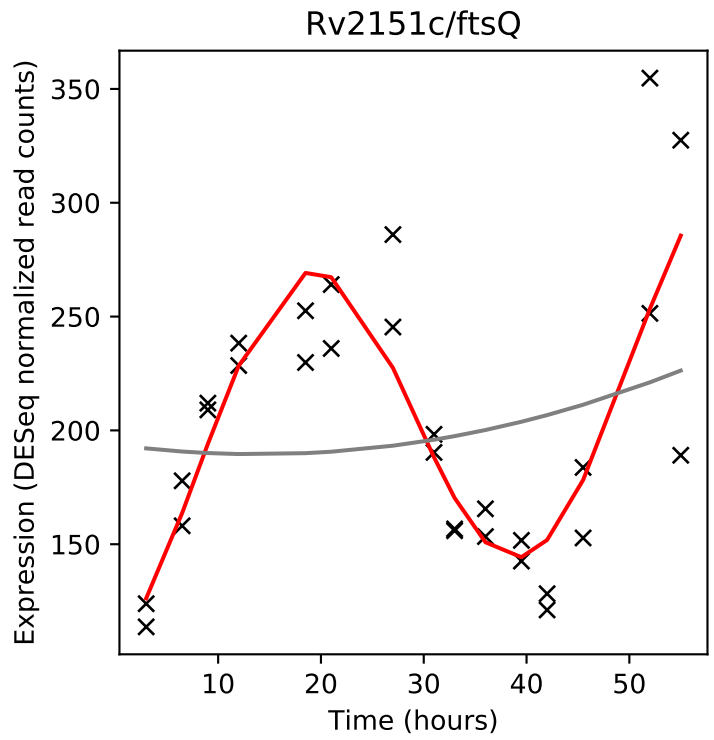

Rv2139/pyrD
Expression (DESeq normalized read counts)
Time (hours)

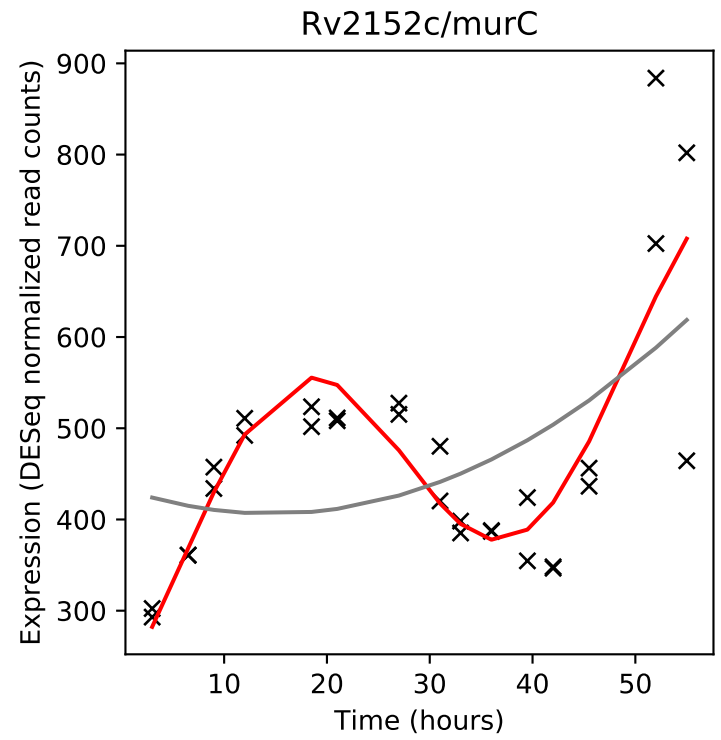

Rv2140c/TB18.6
Expression (DESeq normalized read counts)
Time (hours)

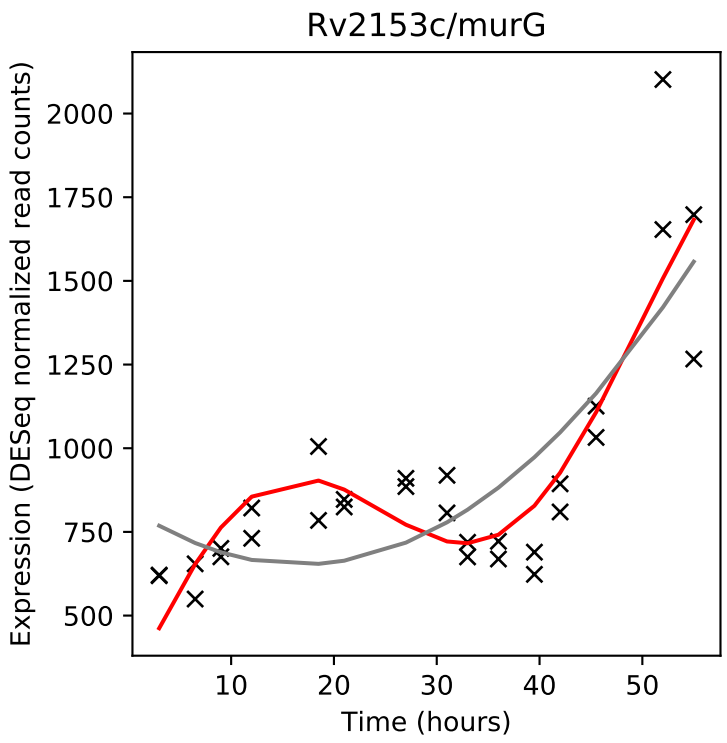

Rv2141c/-
Expression (DESeq normalized read counts)
Time (hours)

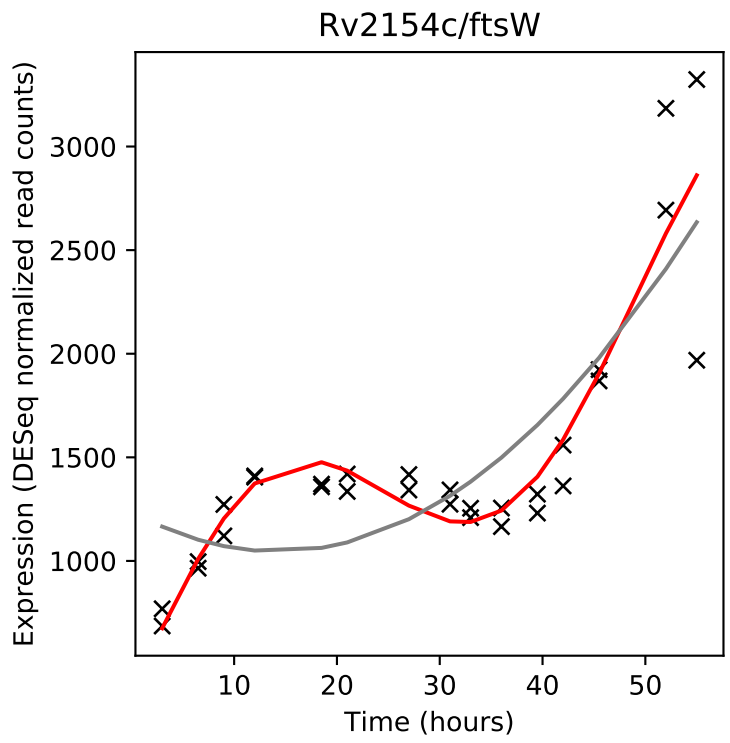

Rv2142c/parE2
Rv2142A/parD2
Rv2143/-
Rv2144c/-
Rv2145c/wag31
Rv2146c/-
Rv2147c/-
Rv2148c/-
Rv2149c/yfiH
Expression (DESeq normalized read counts)
Time (hours)

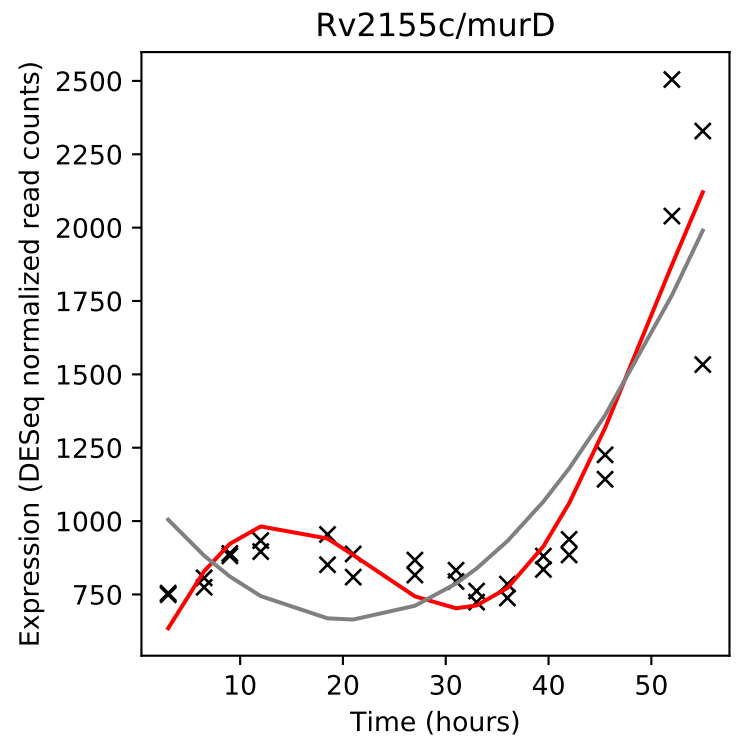

Rv2150c/ftsZ
Expression (DESeq normalized read counts)
Time (hours)

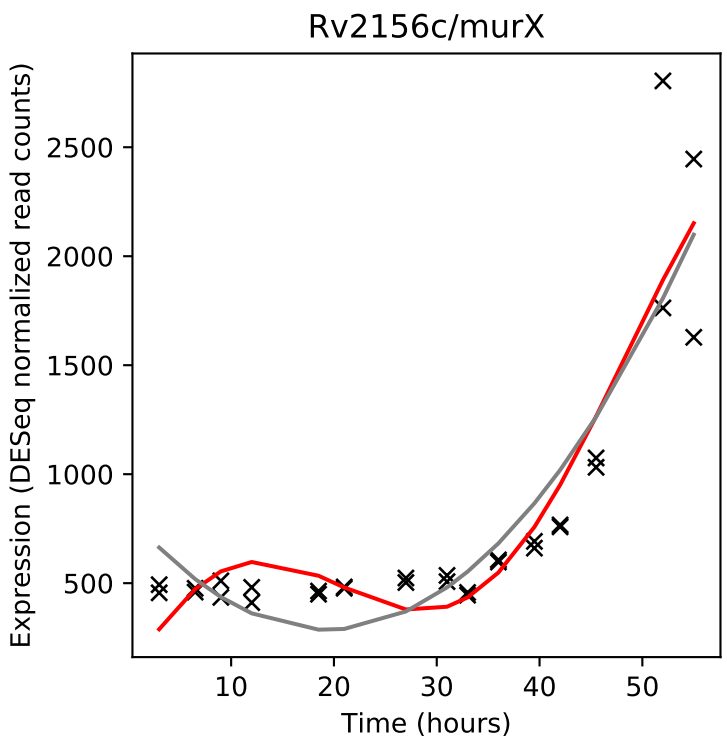

Rv2151c/ftsQ
Expression (DESeq normalized read counts)
Time (hours)

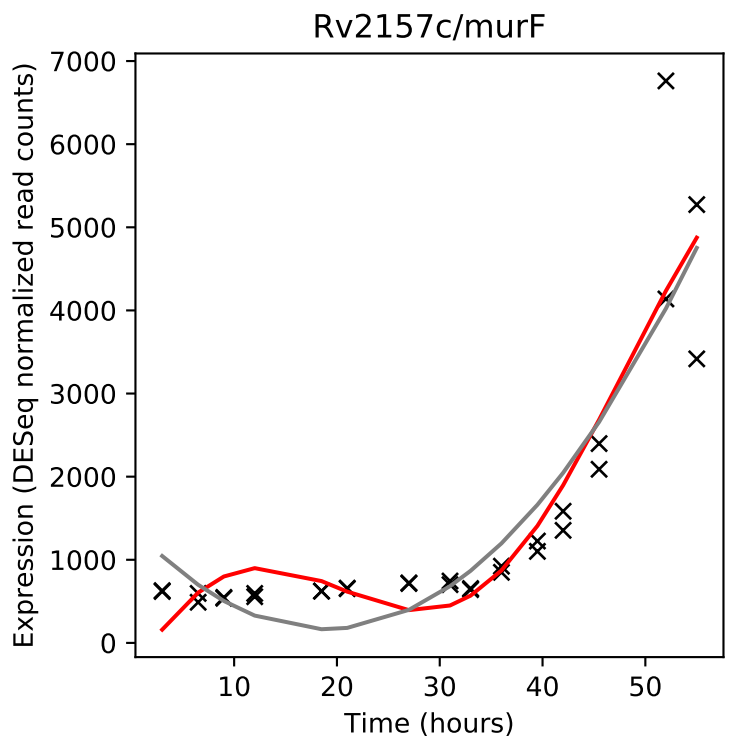

Rv2152c/murC
Expression (DESeq normalized read counts)
Time (hours)

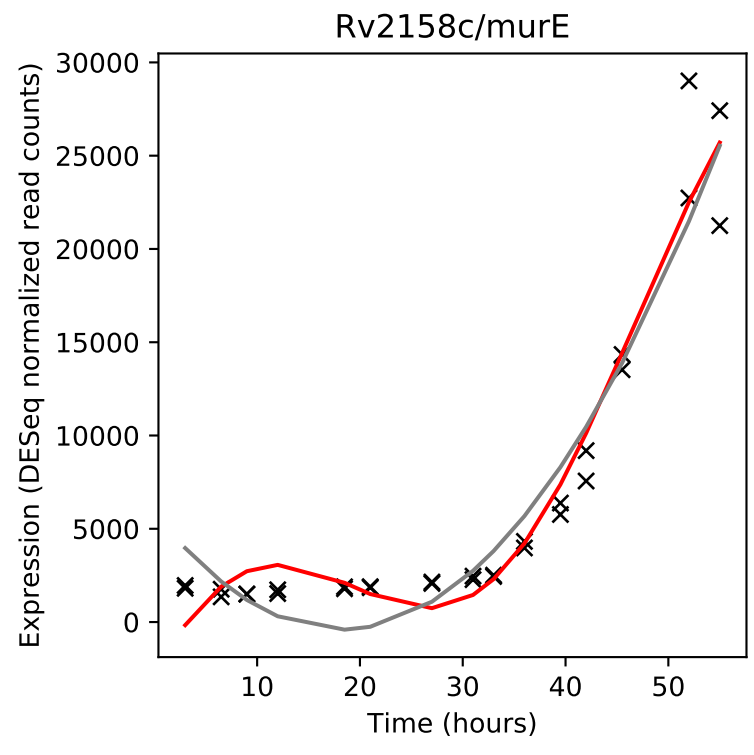

Rv2153c/murG
Expression (DESeq normalized read counts)
Time (hours)

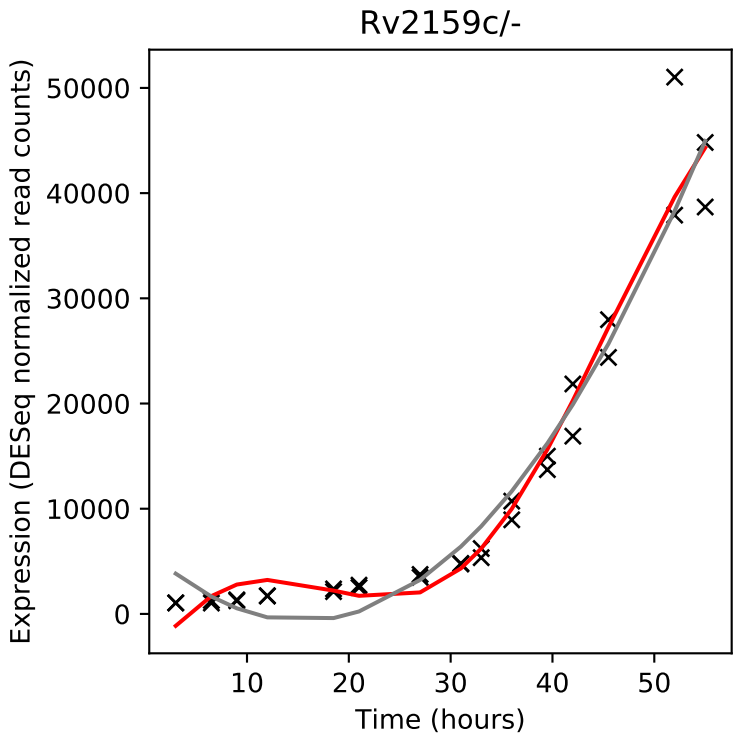

Rv2154c/ftsW
Expression (DESeq normalized read counts)
Time (hours)

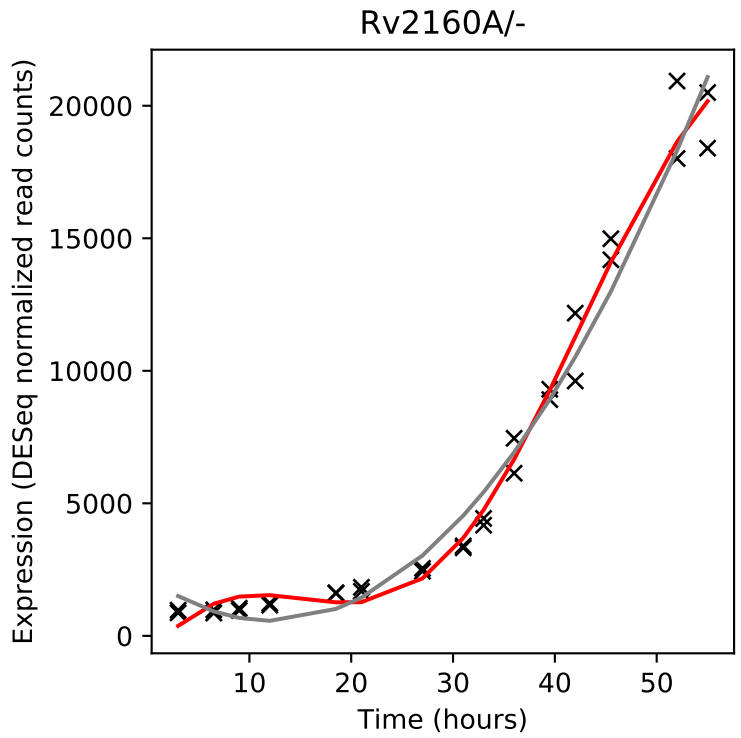

Rv2155c/murD
Expression (DESeq normalized read counts)
Time (hours)

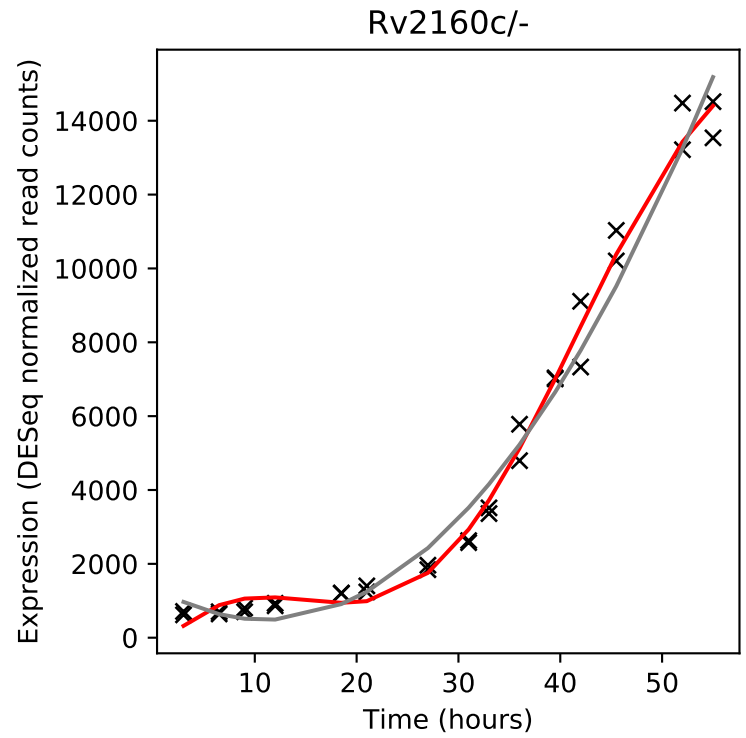

Rv2156c/murX
Expression (DESeq normalized read counts)
Time (hours)

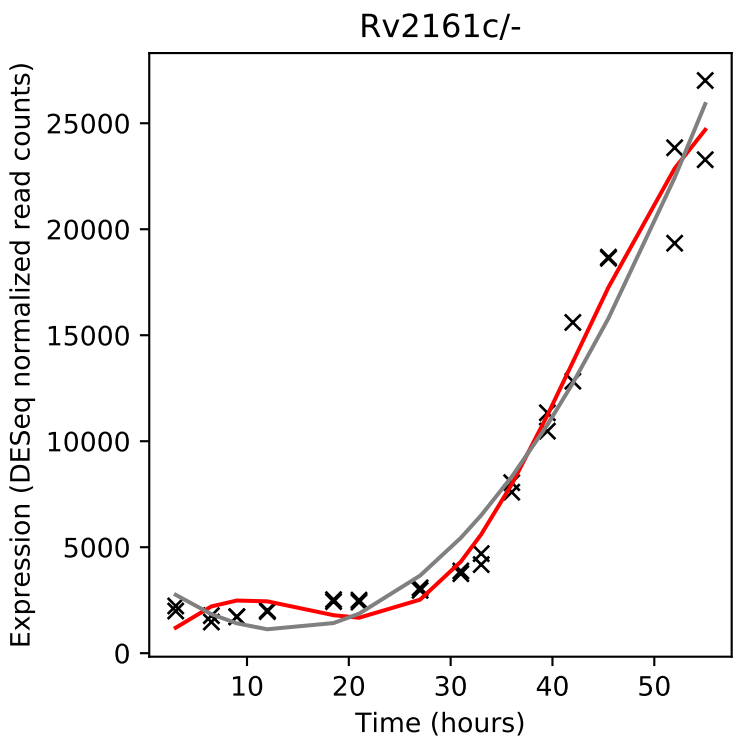

Rv2157c/murF
Expression (DESeq normalized read counts)
Time (hours)

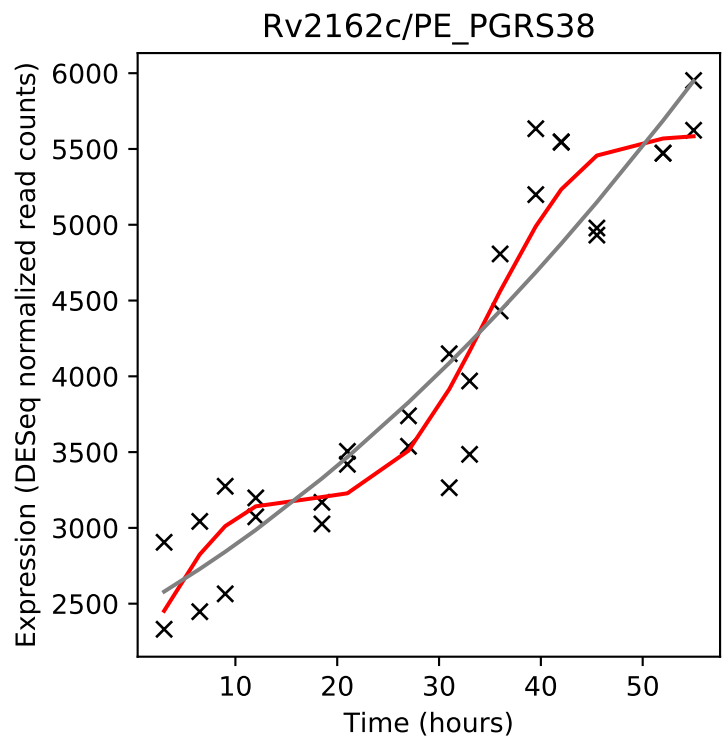

Rv2158c/murE
Expression (DESeq normalized read counts)
Time (hours)

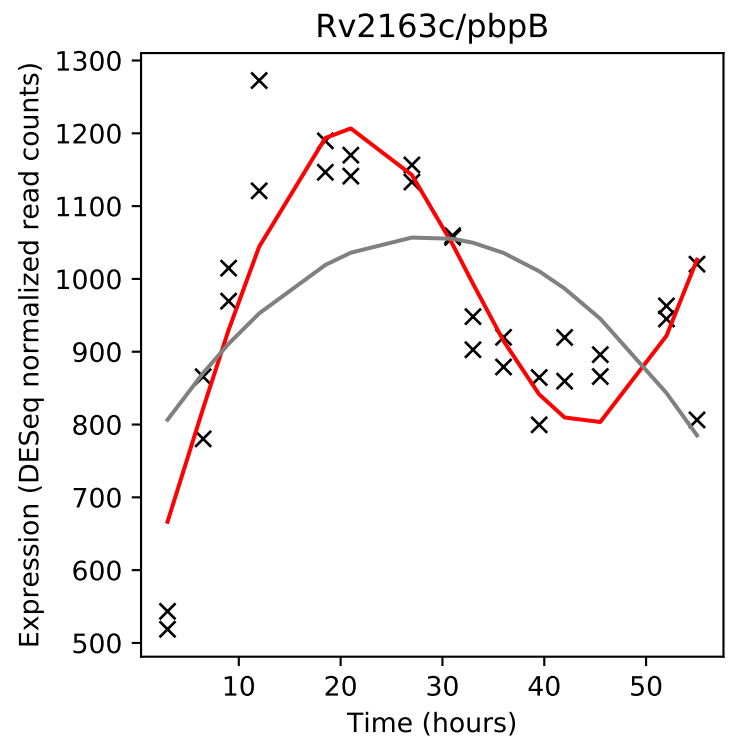

Rv2159c/-
Expression (DESeq normalized read counts)
Time (hours)

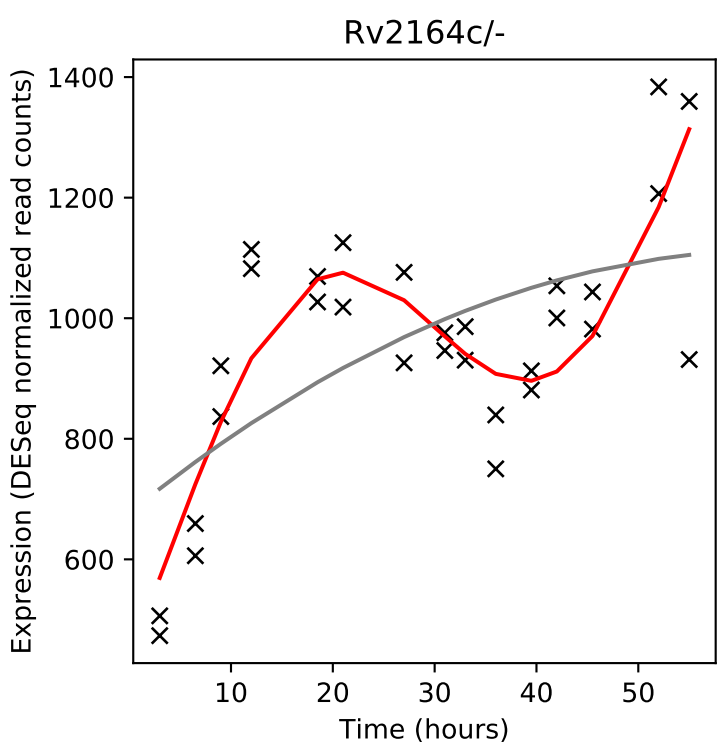

Rv2160A/-
Expression (DESeq normalized read counts)
Time (hours)

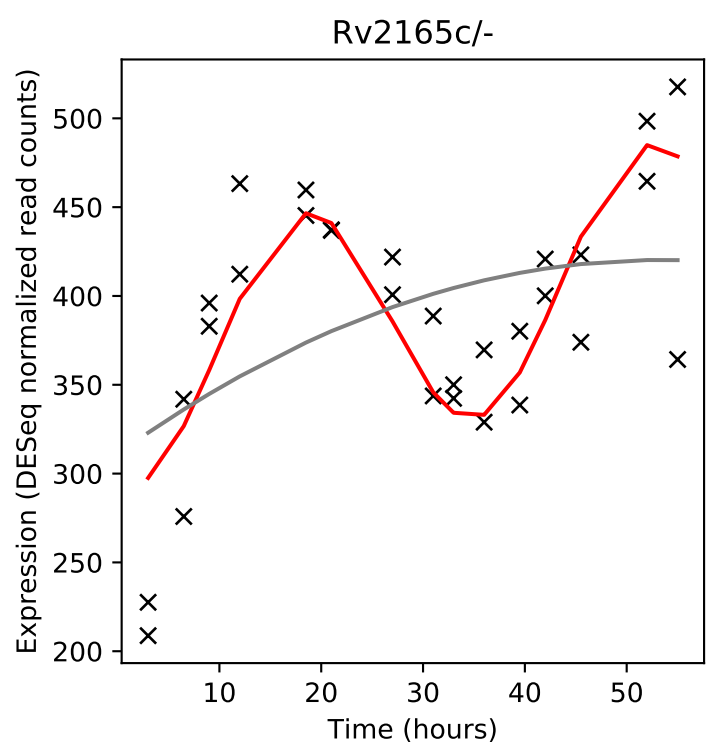

Rv2160c/-
Expression (DESeq normalized read counts)
Time (hours)

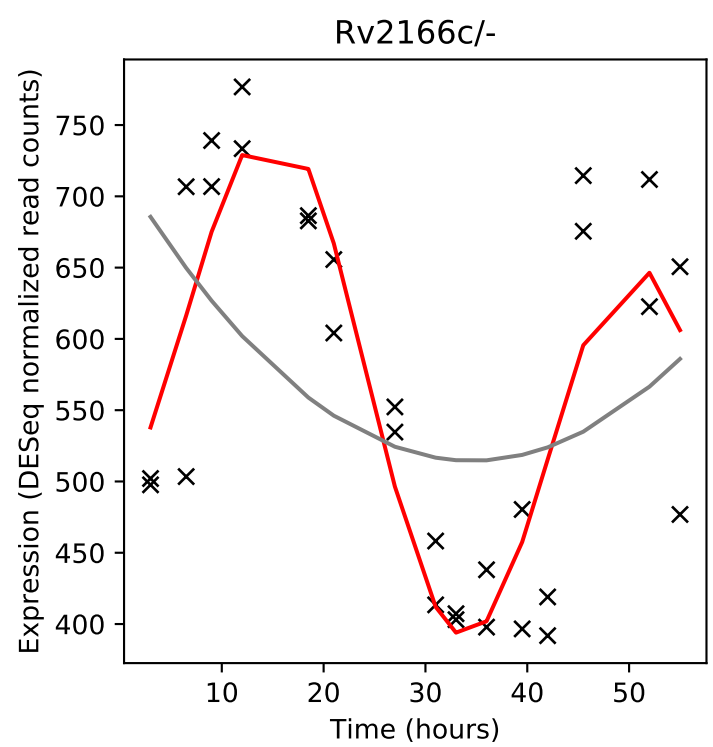

Rv2161c/-
Expression (DESeq normalized read counts)
Time (hours)

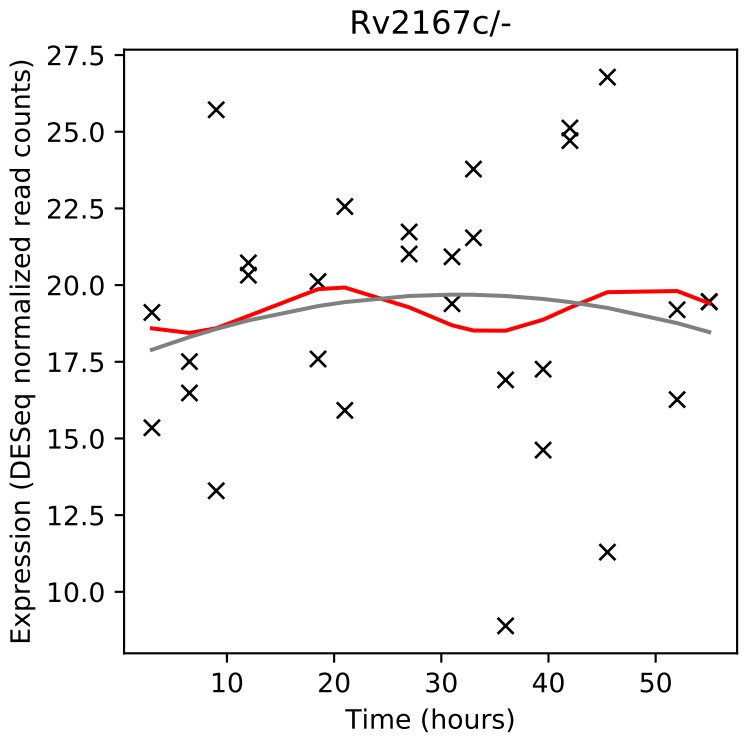

Rv2162c/PE_PGRS38
Expression (DESeq normalized read counts)
Time (hours)

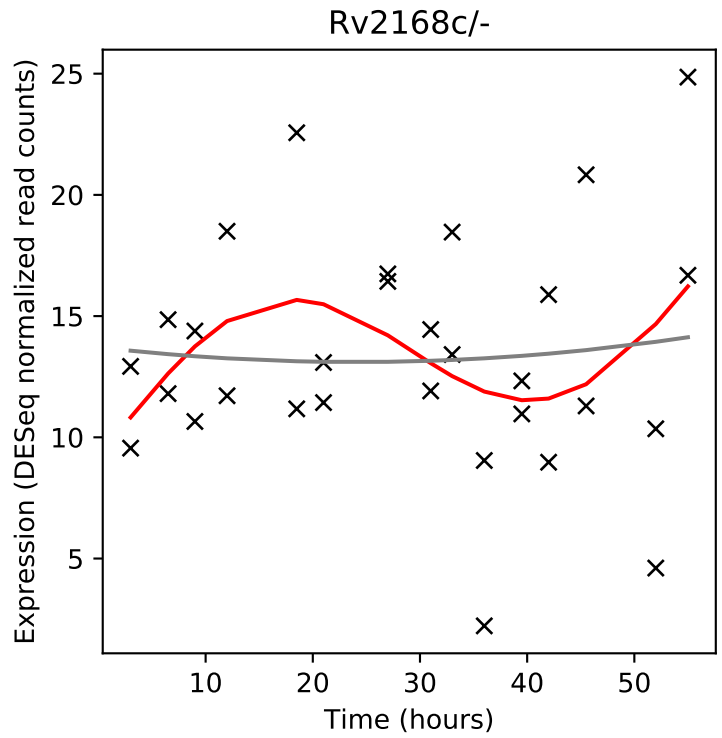

Rv2163c/pbpB
Expression (DESeq normalized read counts)
Time (hours)

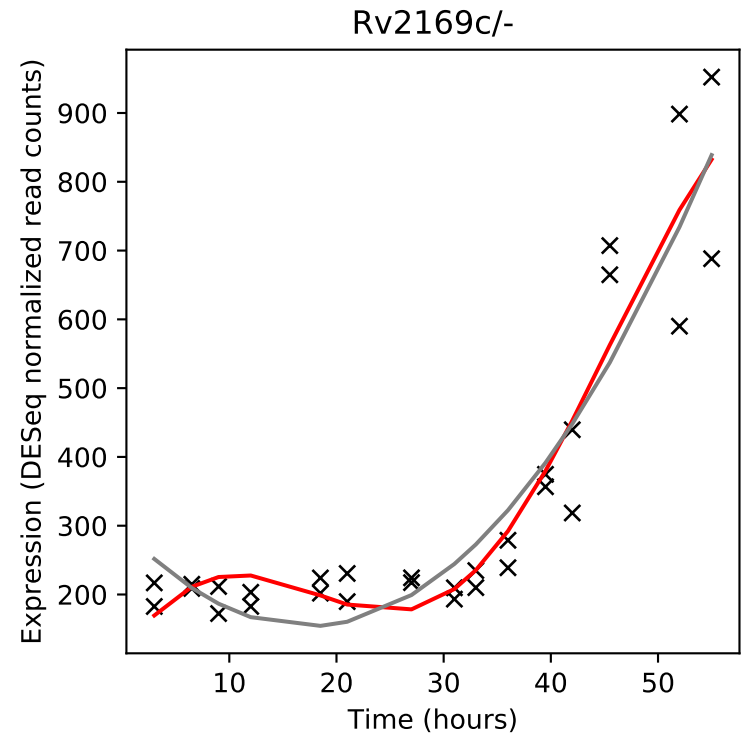

Rv2164c/-
Expression (DESeq normalized read counts)
Time (hours)

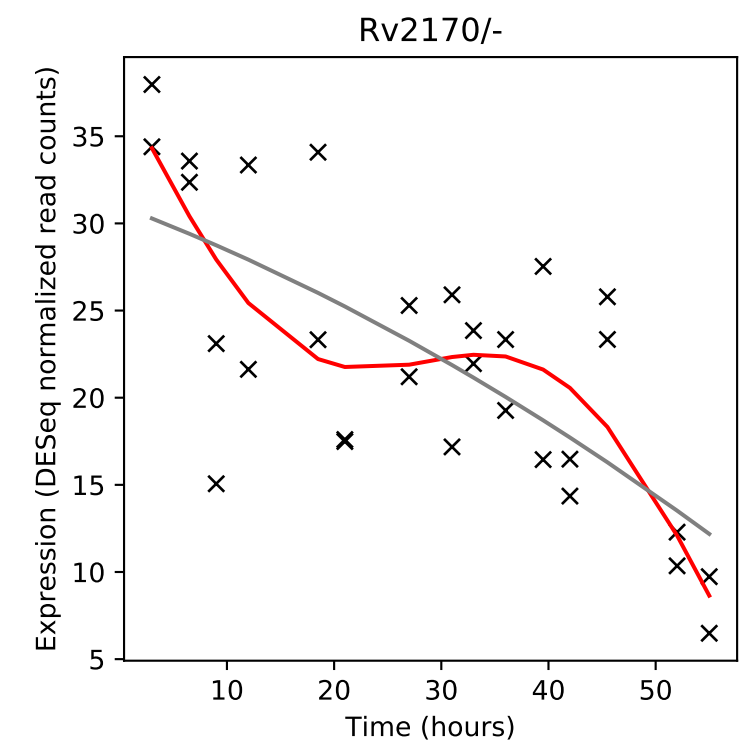

Rv2165c/-
Expression (DESeq normalized read counts)
Time (hours)

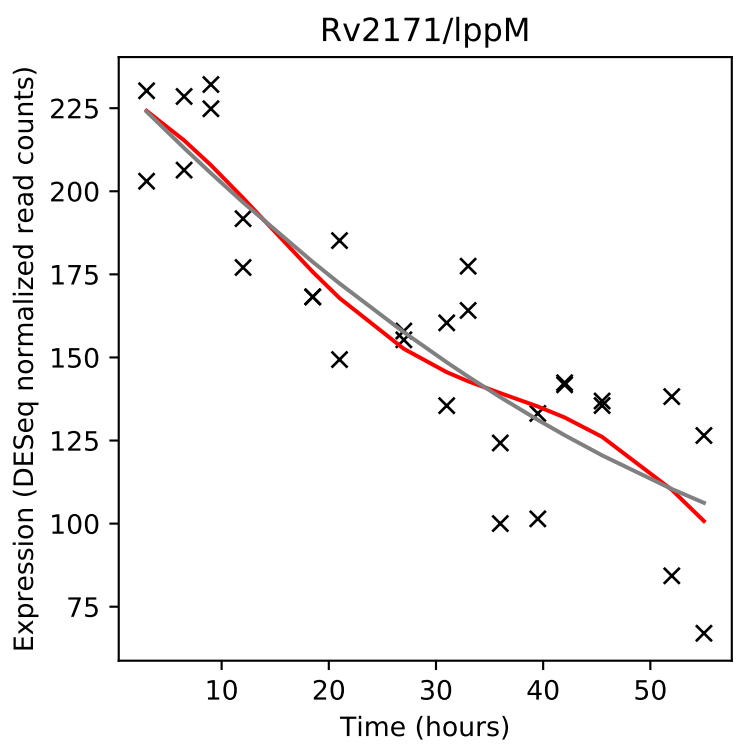

Rv2166c/-
Expression (DESeq normalized read counts)
Time (hours)

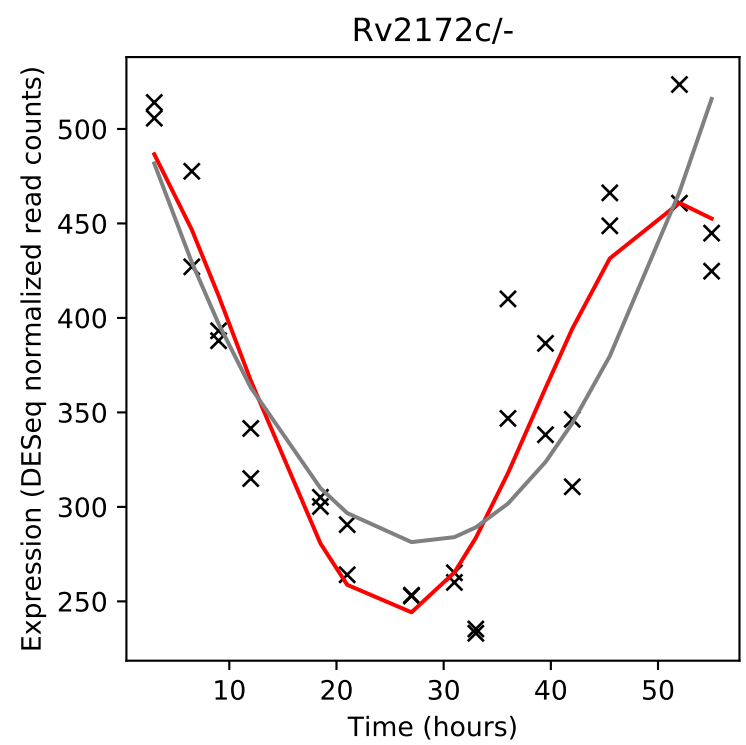

Rv2167c/-
Expression (DESeq normalized read counts)
Time (hours)

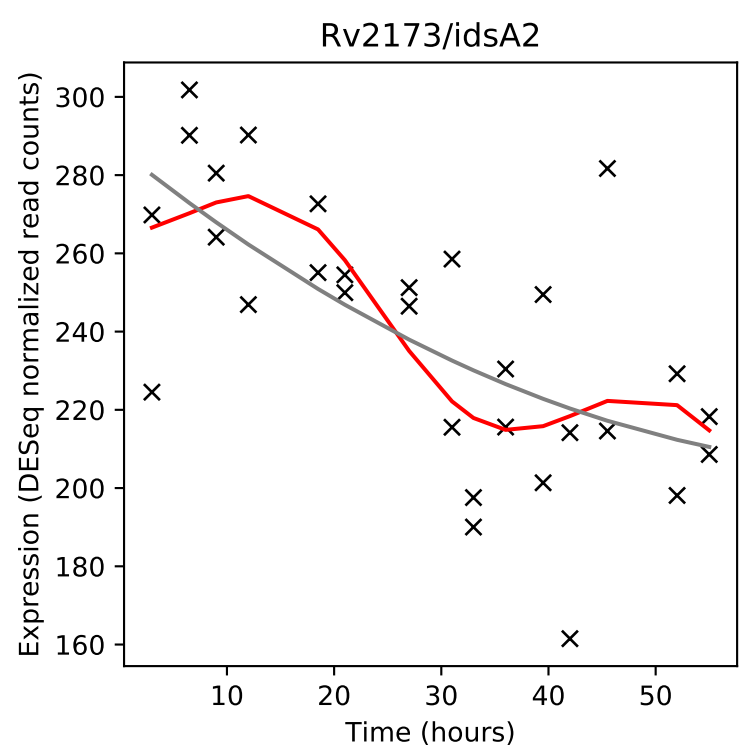

Rv2168c/-
Expression (DESeq normalized read counts)
Time (hours)

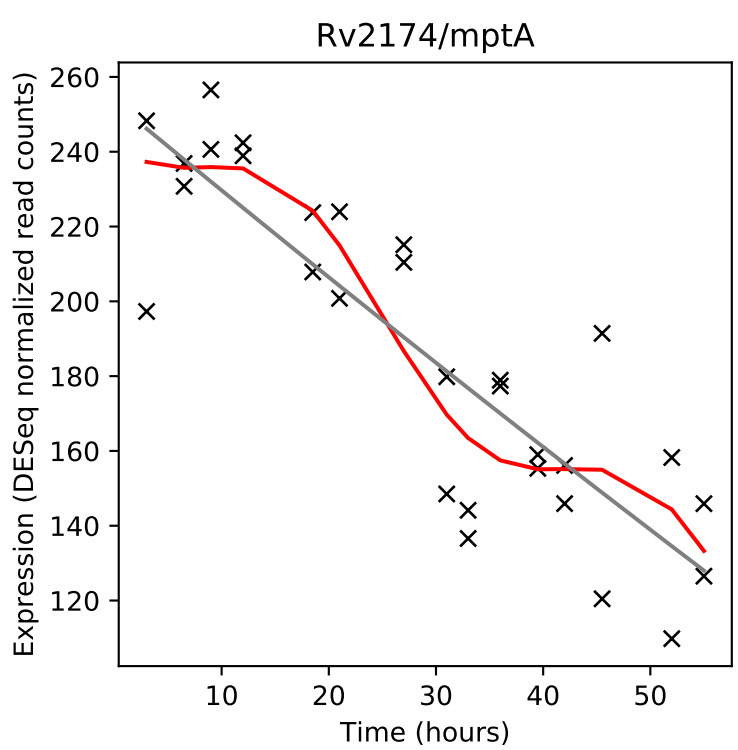

Rv2169c/-
Expression (DESeq normalized read counts)
Time (hours)

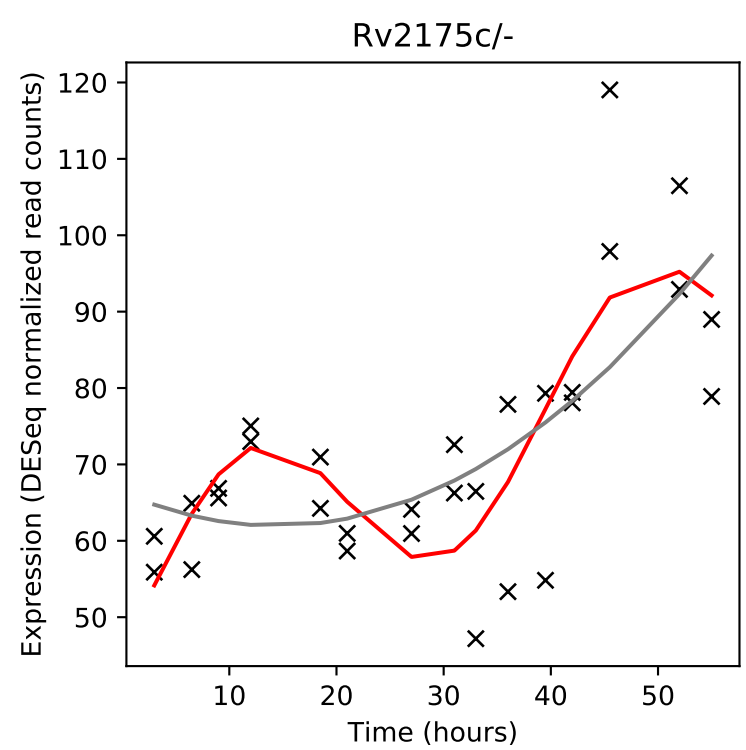

Rv2170/-
Expression (DESeq normalized read counts)
Time (hours)

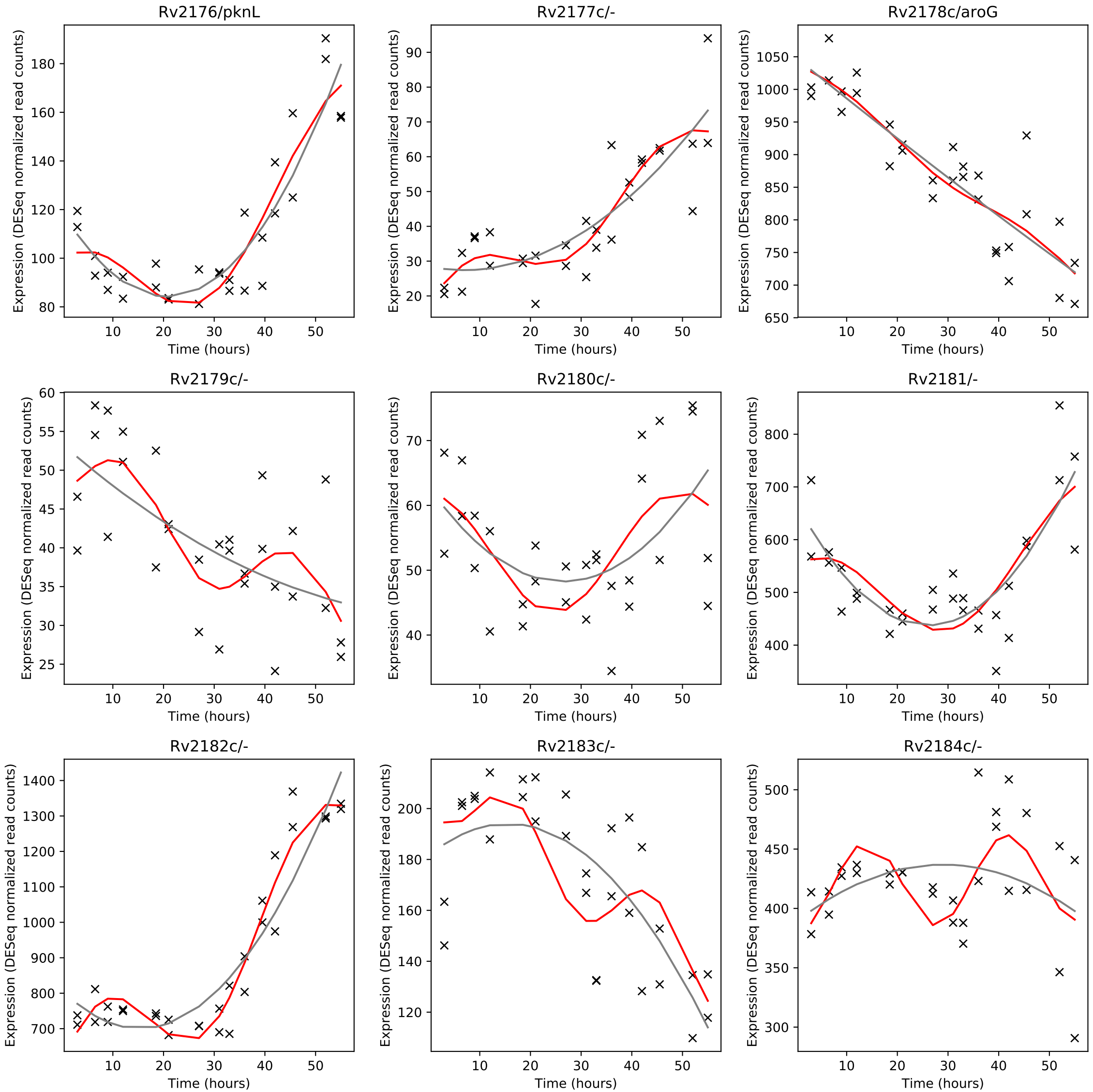

Rv2171/lppM
Expression (DESeq normalized read counts)
Time (hours)

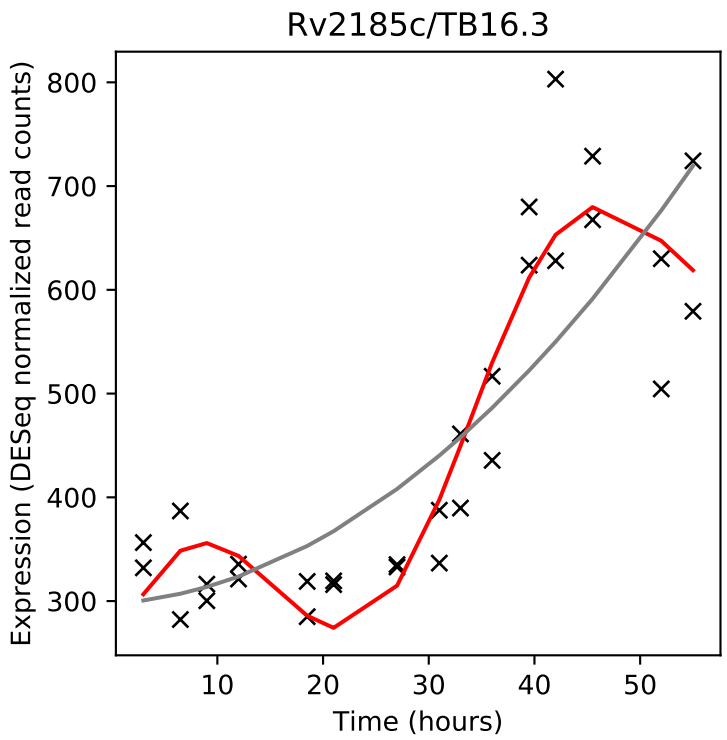

Rv2172c/-
Expression (DESeq normalized read counts)
Time (hours)

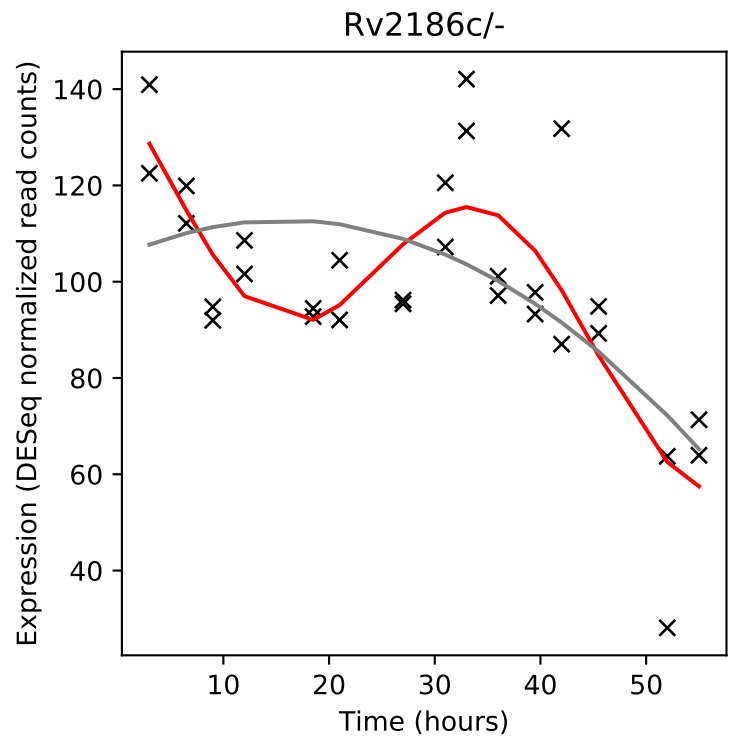

Rv2173/idsA2
Expression (DESeq normalized read counts)
Time (hours)

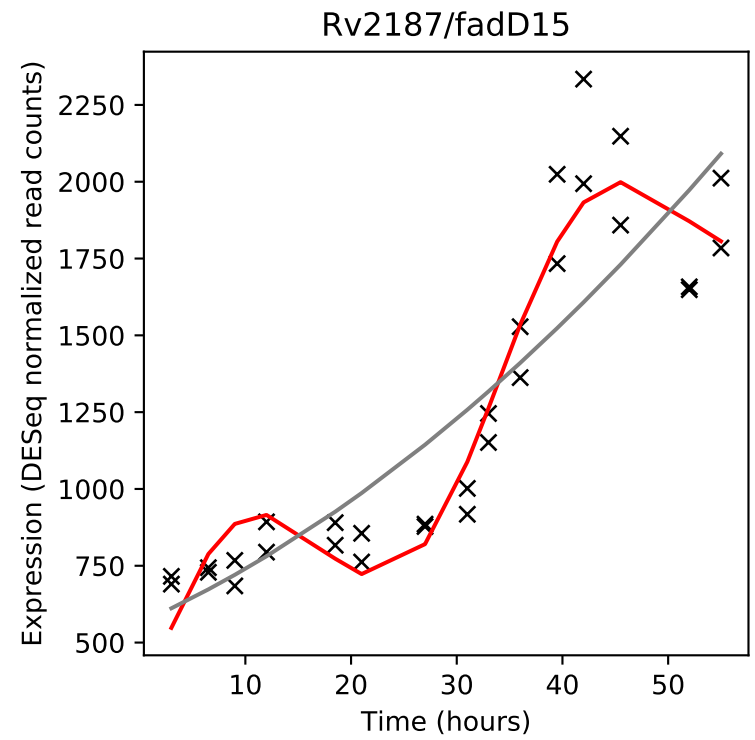

Rv2174/mptA
Expression (DESeq normalized read counts)
Time (hours)

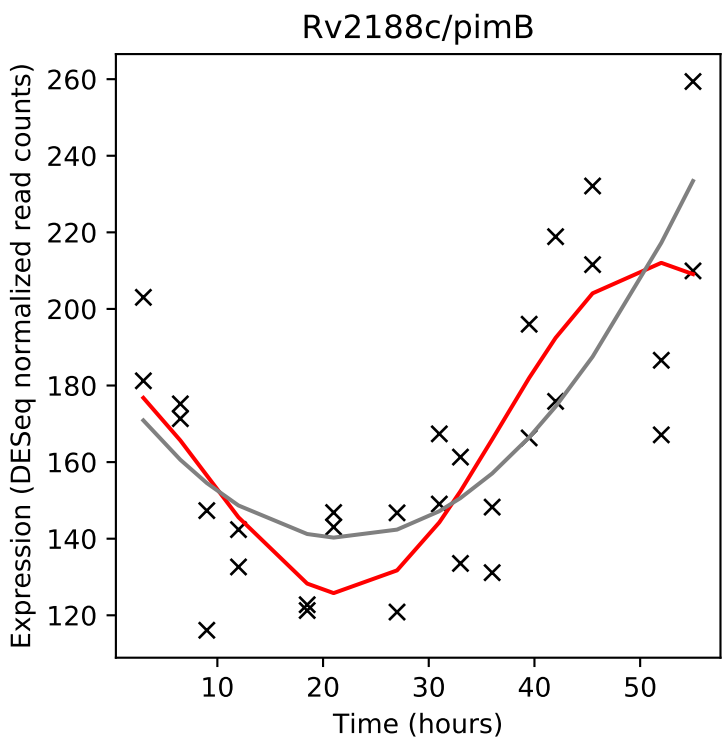

Rv2175c/-
Expression (DESeq normalized read counts)
Time (hours)

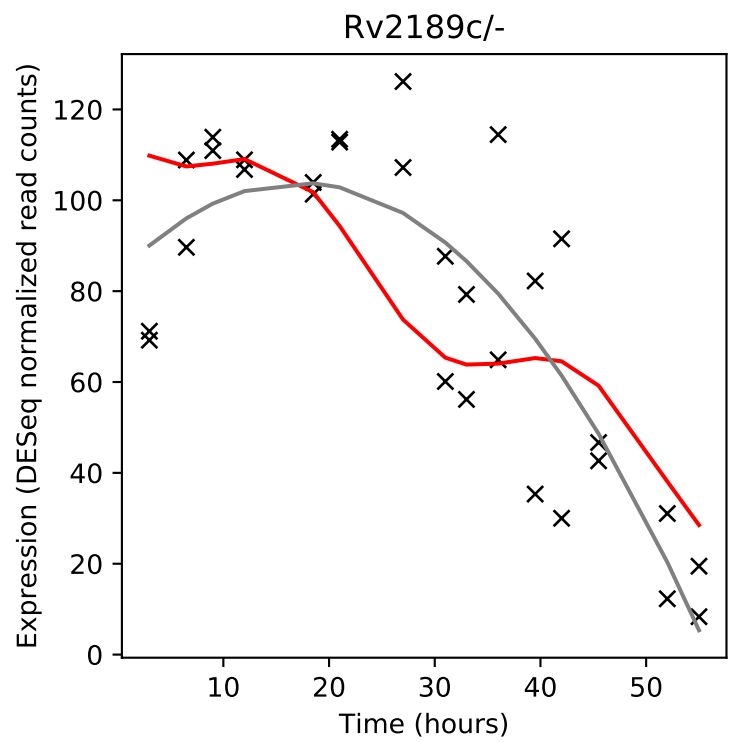

Rv2176/pknL
Rv2177c/-
Rv2178c/aroG
Rv2179c/-
Rv2180c/-
Rv2181/-
Rv2182c/-
Rv2183c/-
Rv2184c/-
Expression (DESeq normalized read counts)
Time (hours)

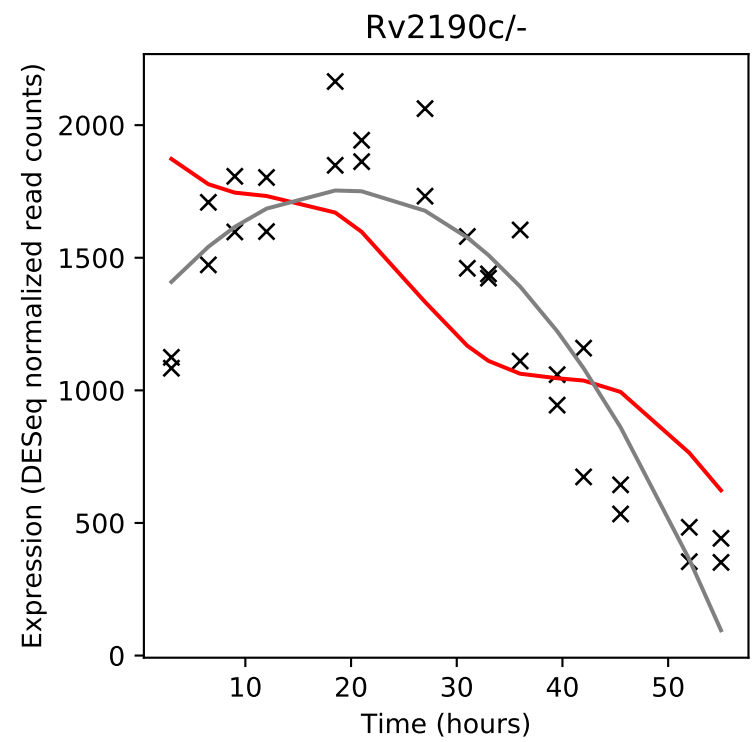

Rv2185c/TB16.3
Expression (DESeq normalized read counts)
Time (hours)

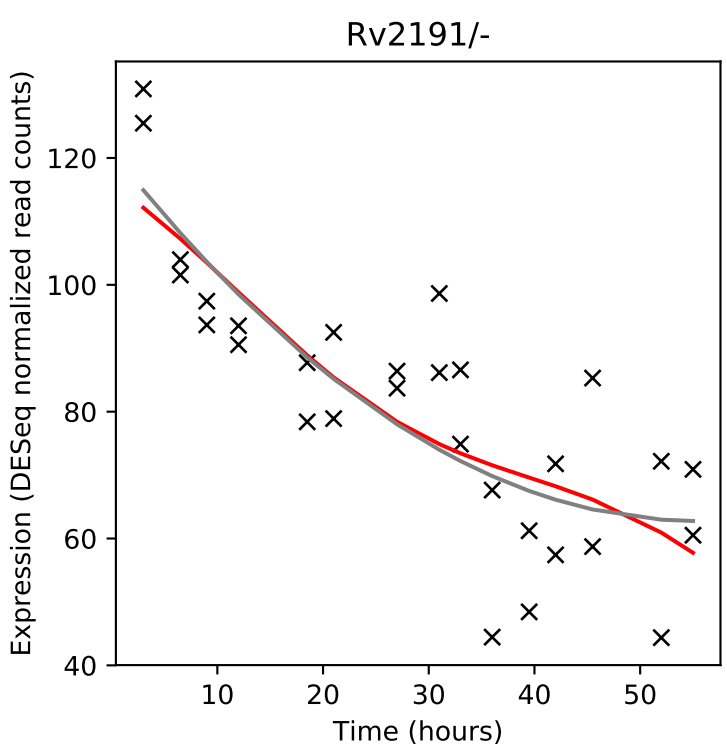

Rv2186c/-
Expression (DESeq normalized read counts)
Time (hours)

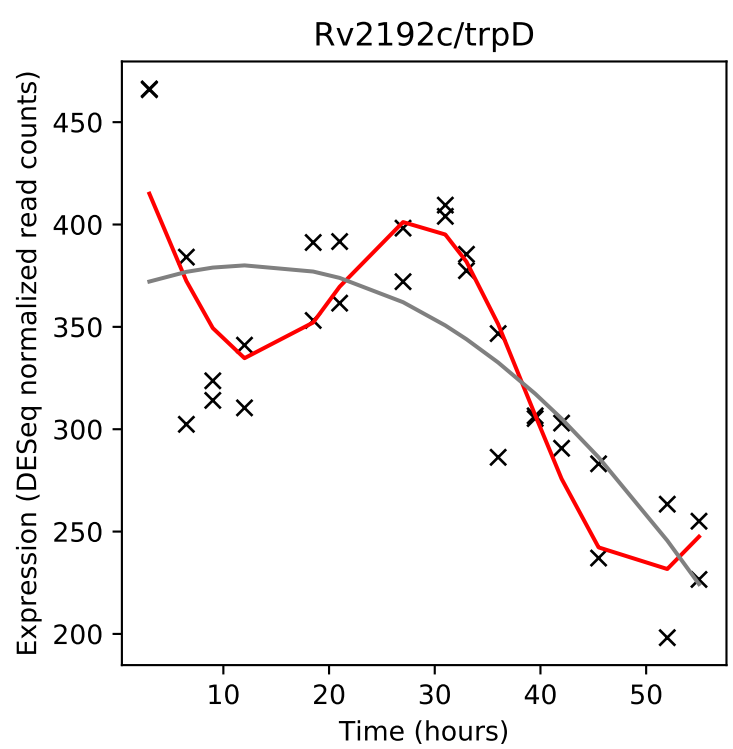

Rv2187/fadD15
Expression (DESeq normalized read counts)
Time (hours)

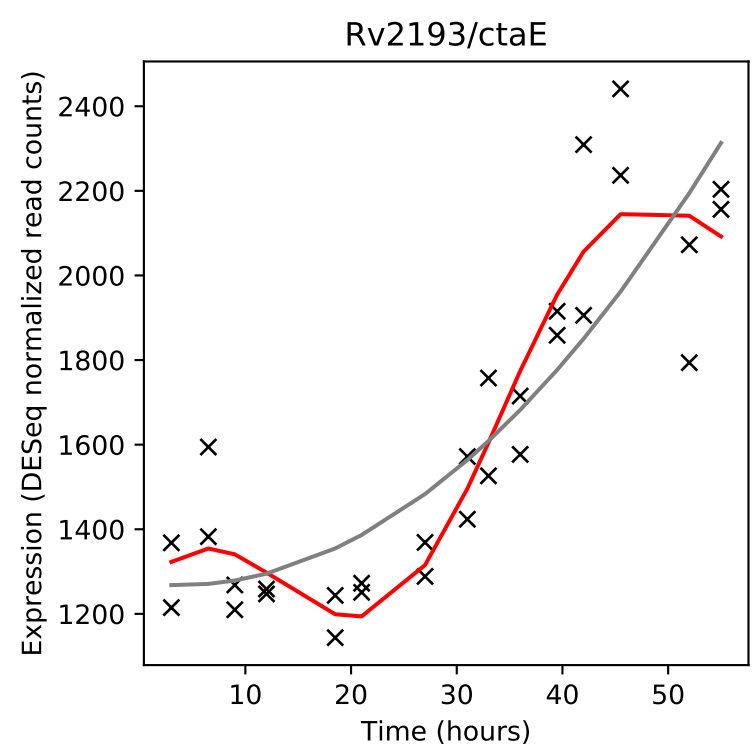

Rv2188c/pimB
Expression (DESeq normalized read counts)
Time (hours)

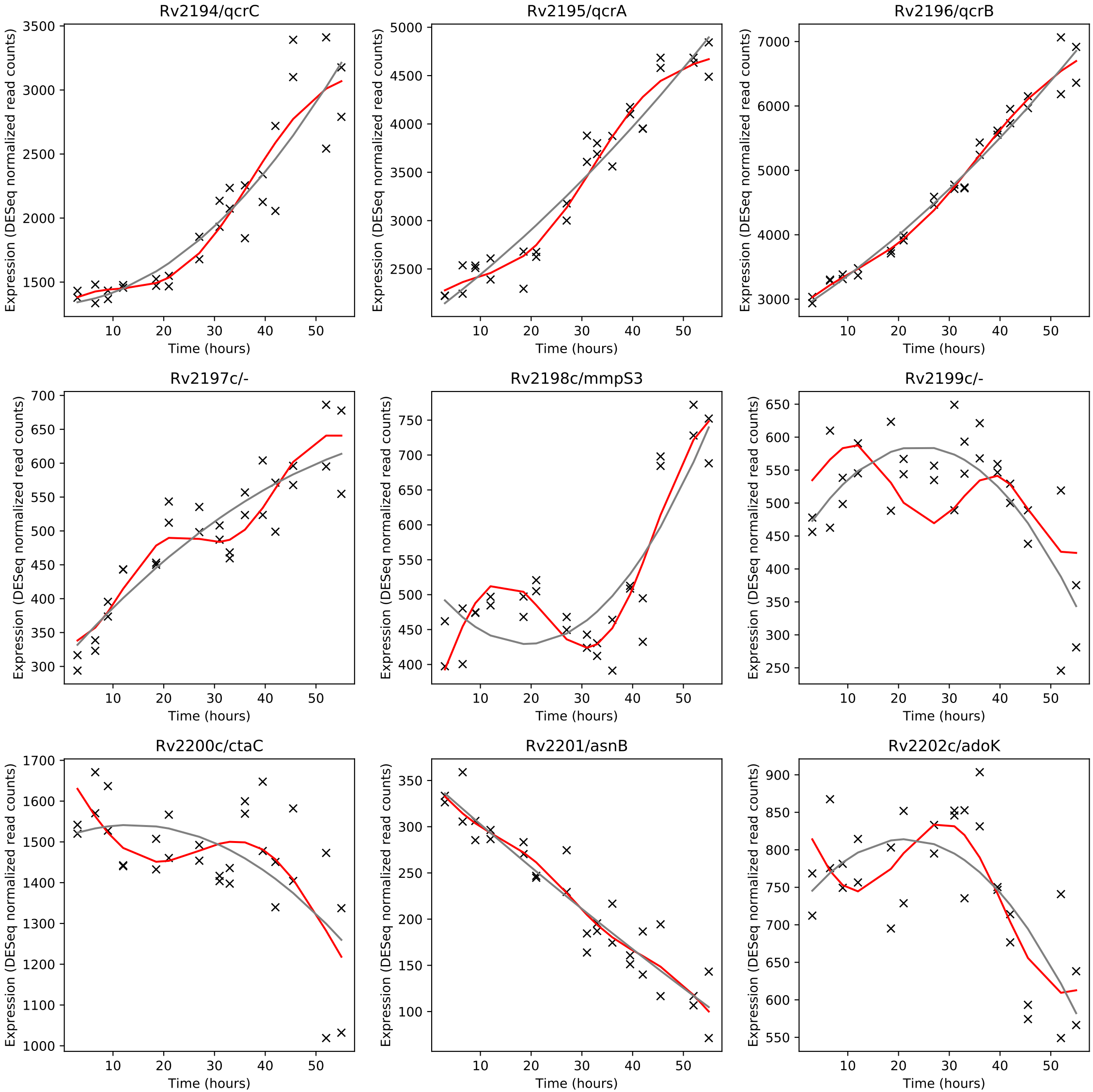

Rv2189c/-
Expression (DESeq normalized read counts)
Time (hours)

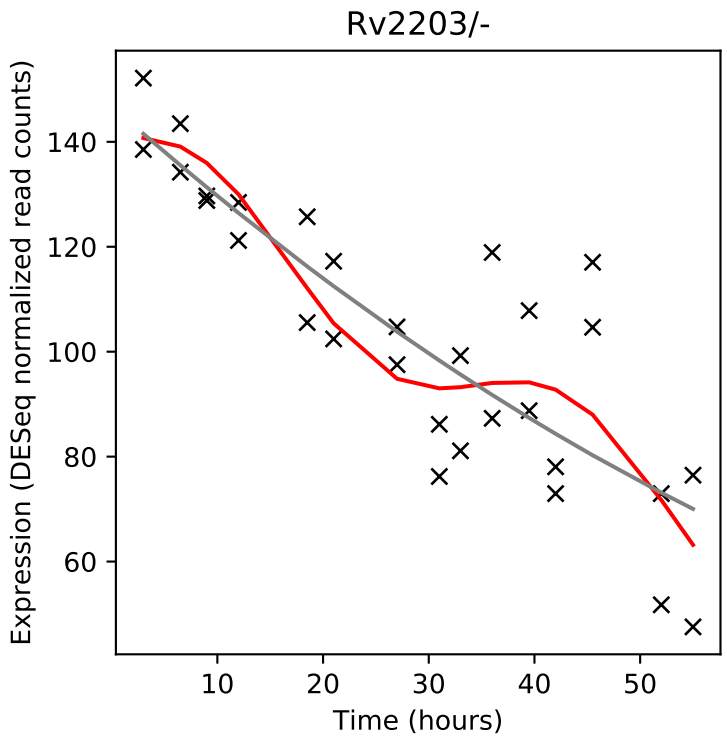

Rv2190c/-
Expression (DESeq normalized read counts)
Time (hours)

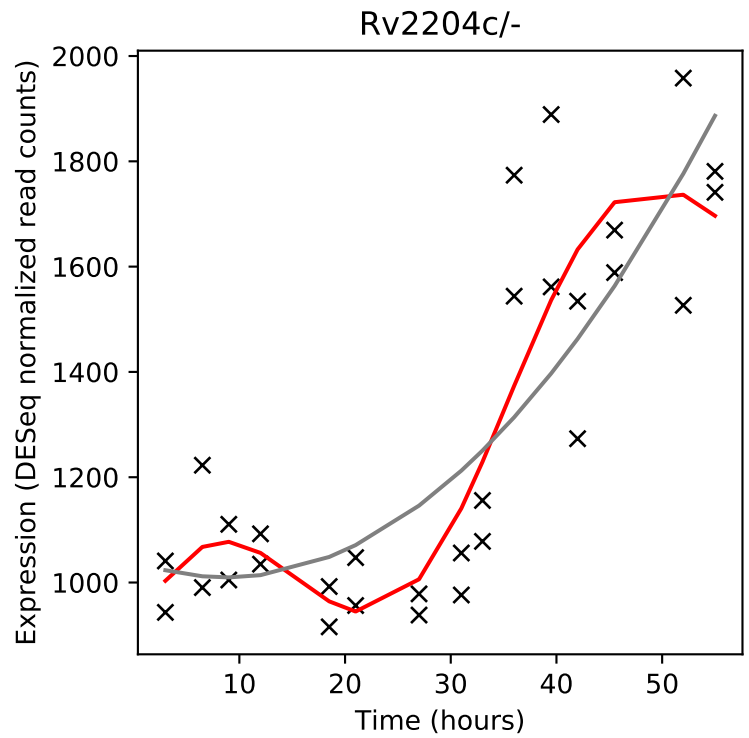

Rv2191/-
Expression (DESeq normalized read counts)
Time (hours)

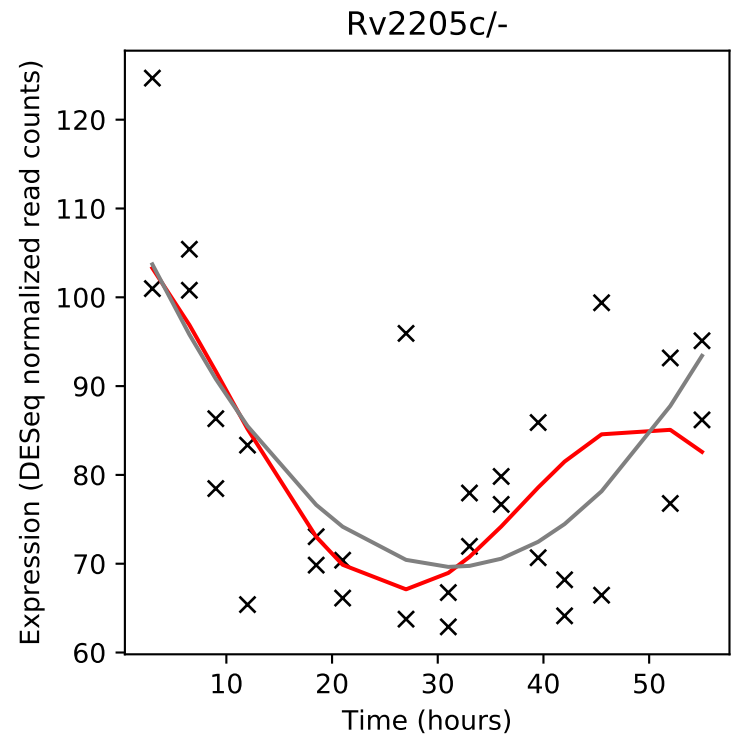

Rv2192c/trpD
Expression (DESeq normalized read counts)
Time (hours)

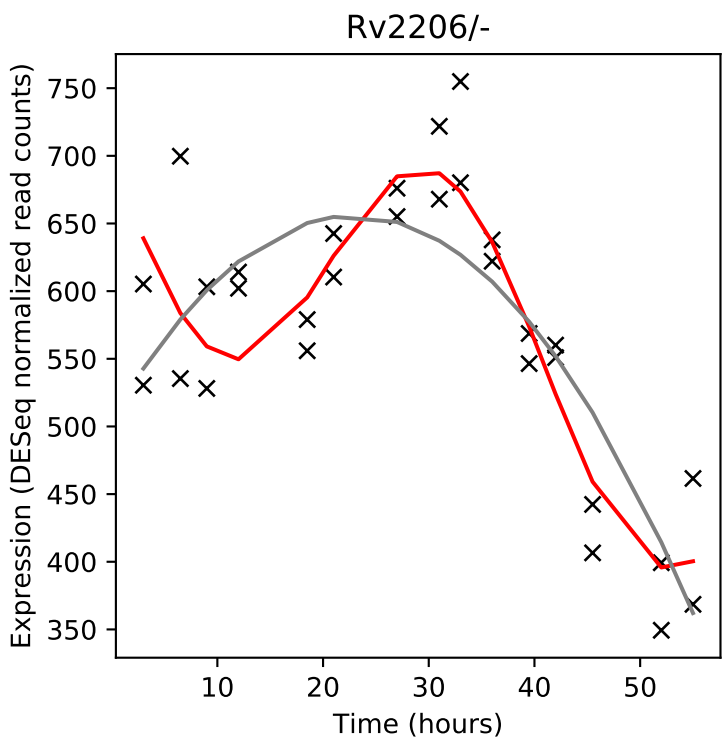

Rv2193/ctaE
Expression (DESeq normalized read counts)
Time (hours)

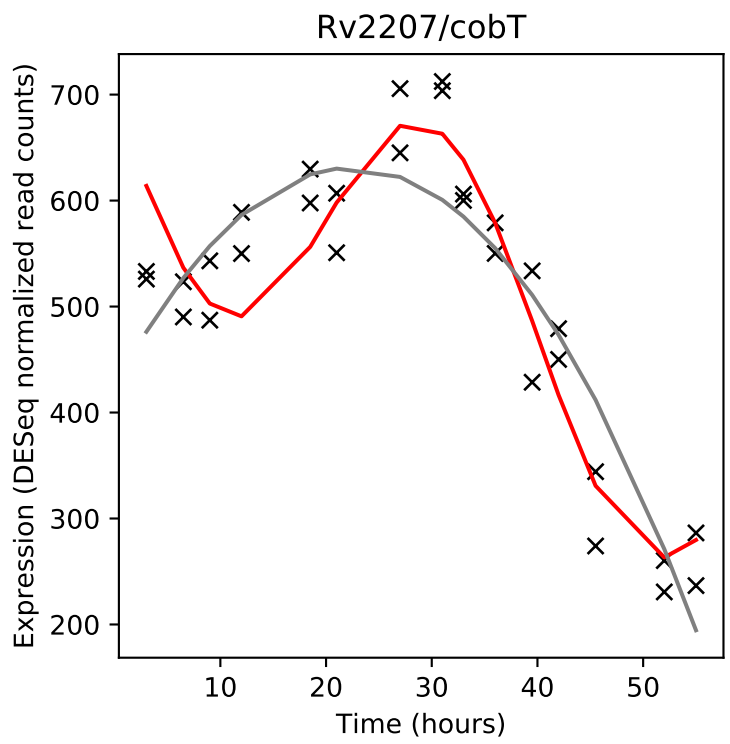

Rv2194/qcrC
Rv2195/qcrA
Rv2196/qcrB
Rv2197c/-
Rv2198c/mmpS3
Rv2199c/-
Rv2200c/ctaC
Rv2201/asnB
Rv2202c/adoK
Expression (DESeq normalized read counts)
Time (hours)

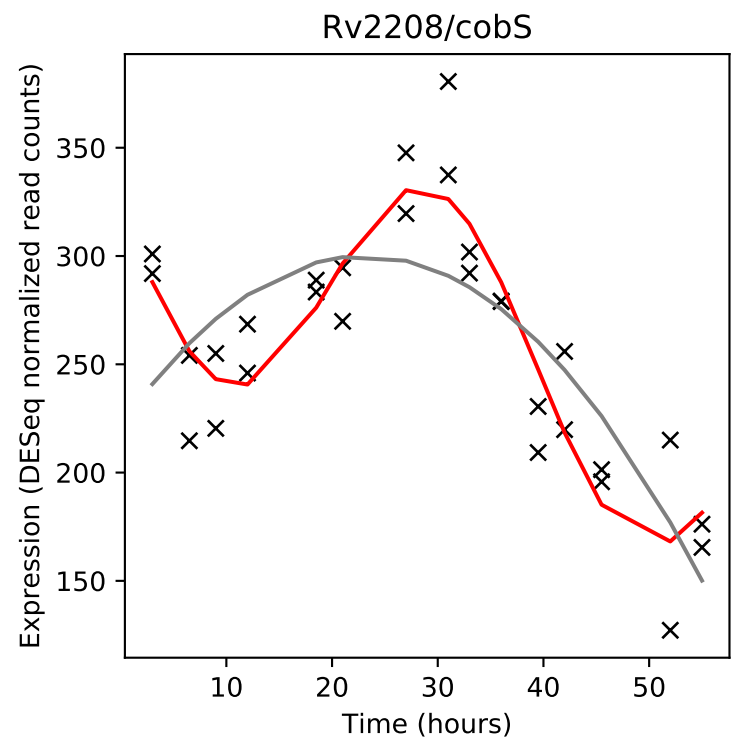

Rv2203/-
Expression (DESeq normalized read counts)
Time (hours)

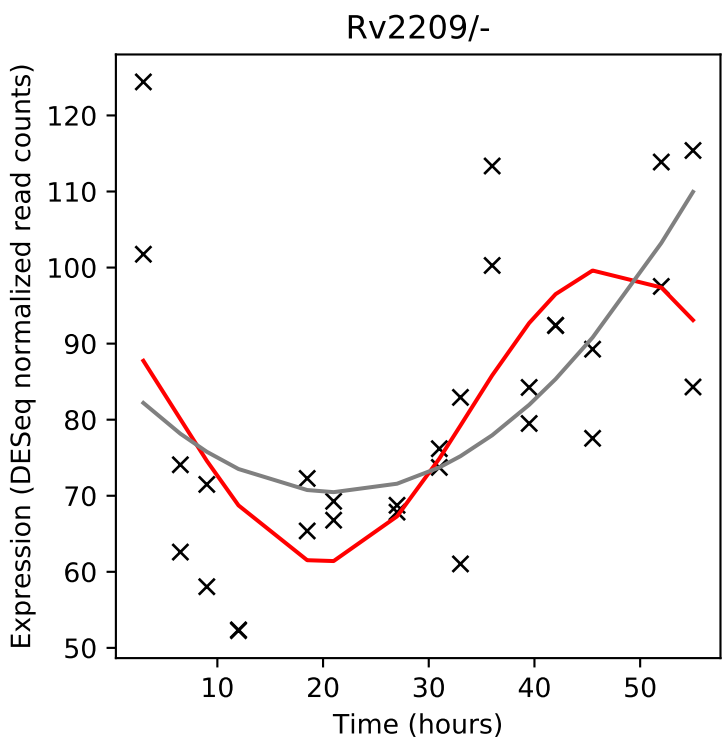

Rv2204c/-
Expression (DESeq normalized read counts)
Time (hours)

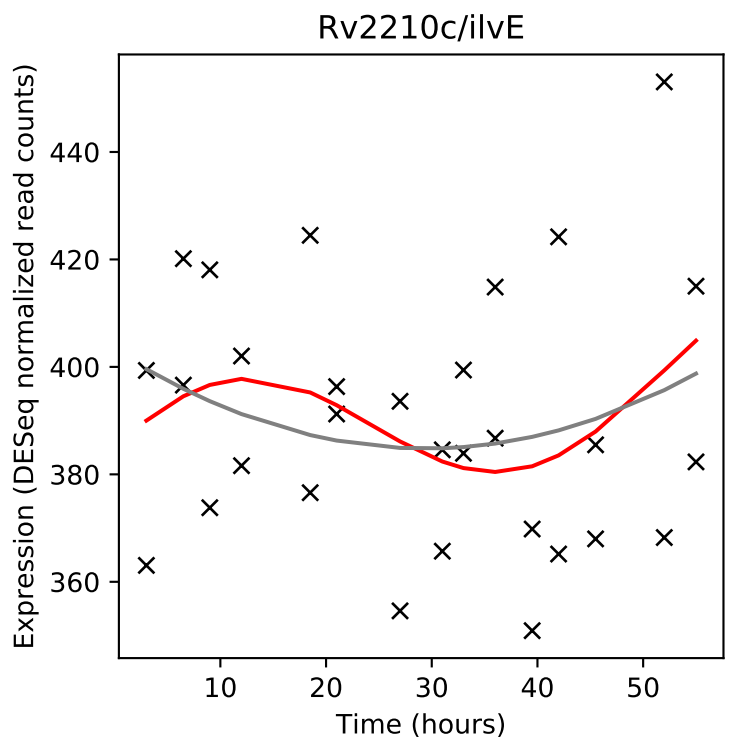

Rv2205c/-
Expression (DESeq normalized read counts)
Time (hours)

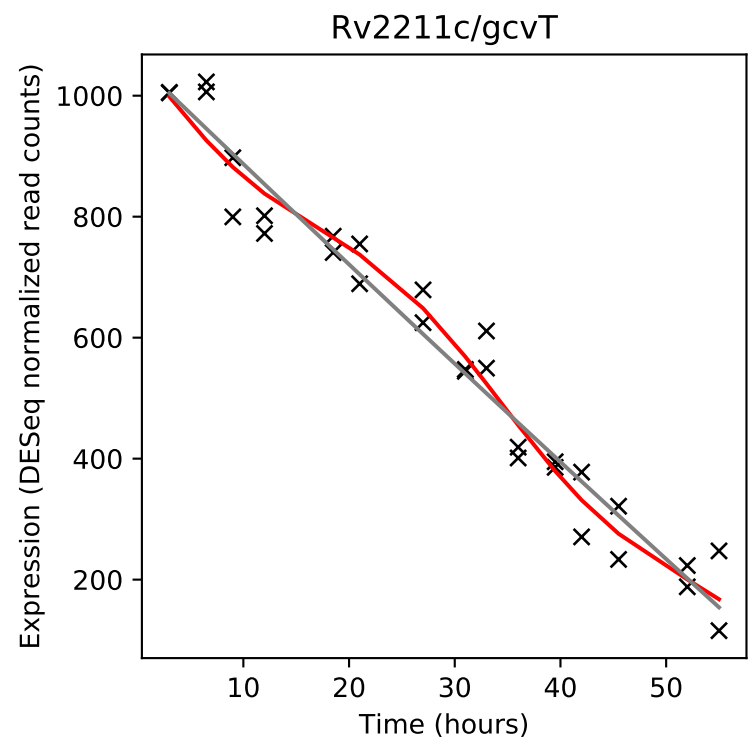

Rv2206/-
Expression (DESeq normalized read counts)
Time (hours)

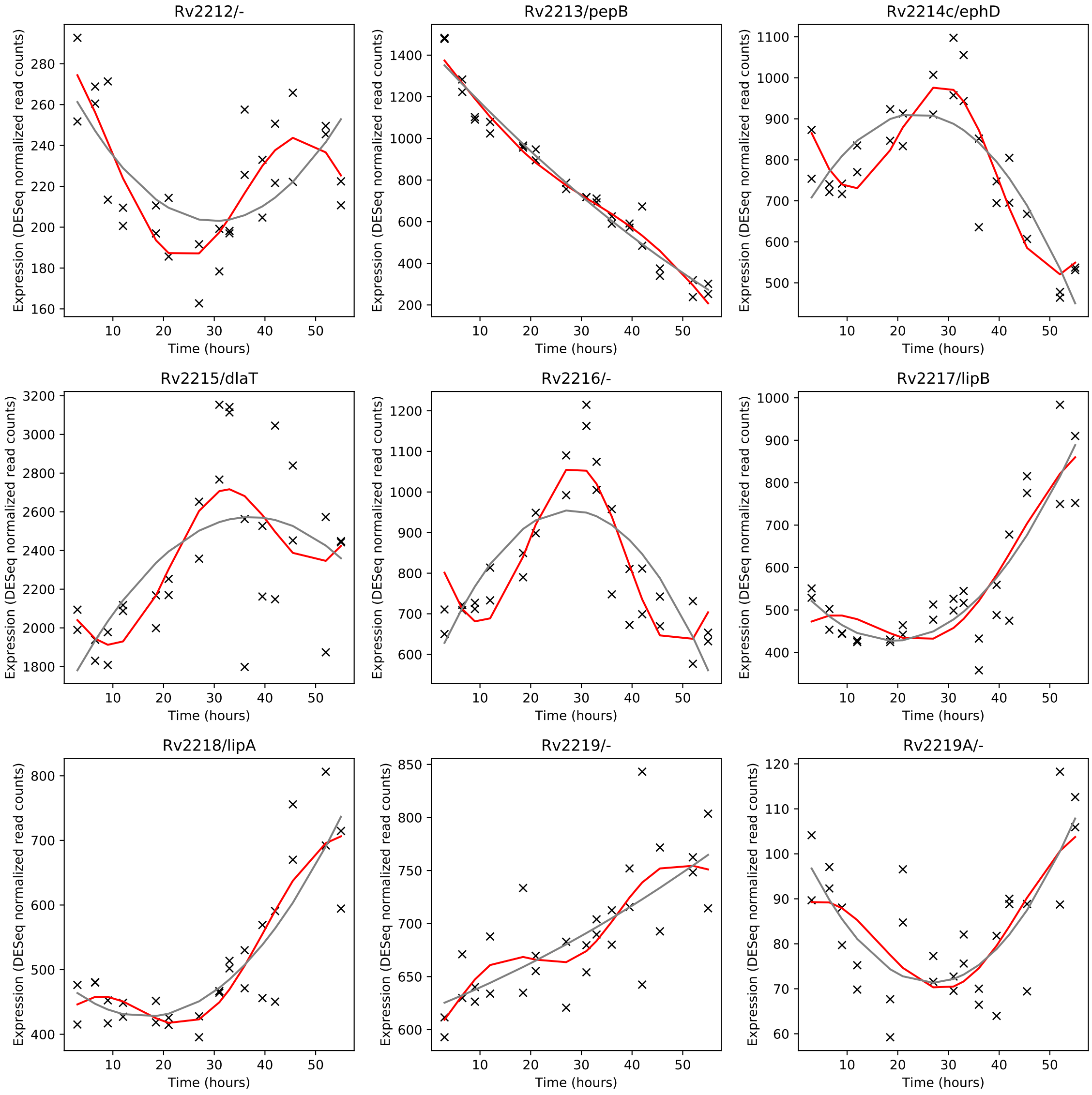

Rv2207/cobT
Expression (DESeq normalized read counts)
Time (hours)

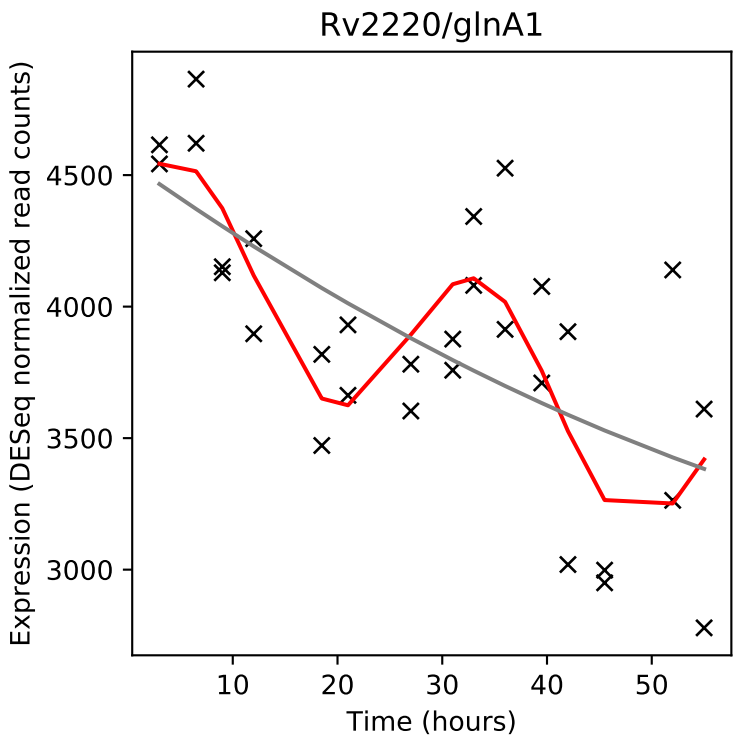

Rv2208/cobS
Expression (DESeq normalized read counts)
Time (hours)

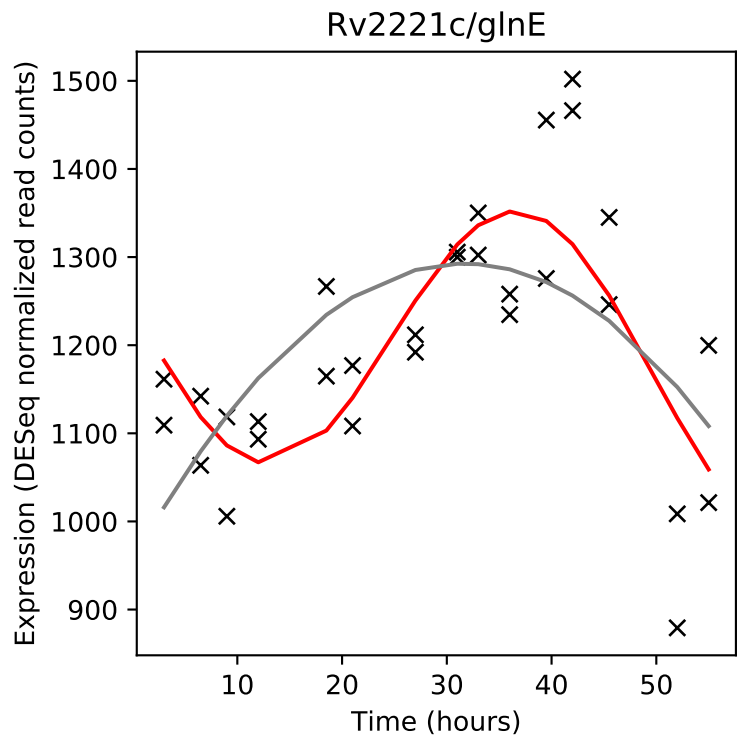

Rv2209/-
Expression (DESeq normalized read counts)
Time (hours)

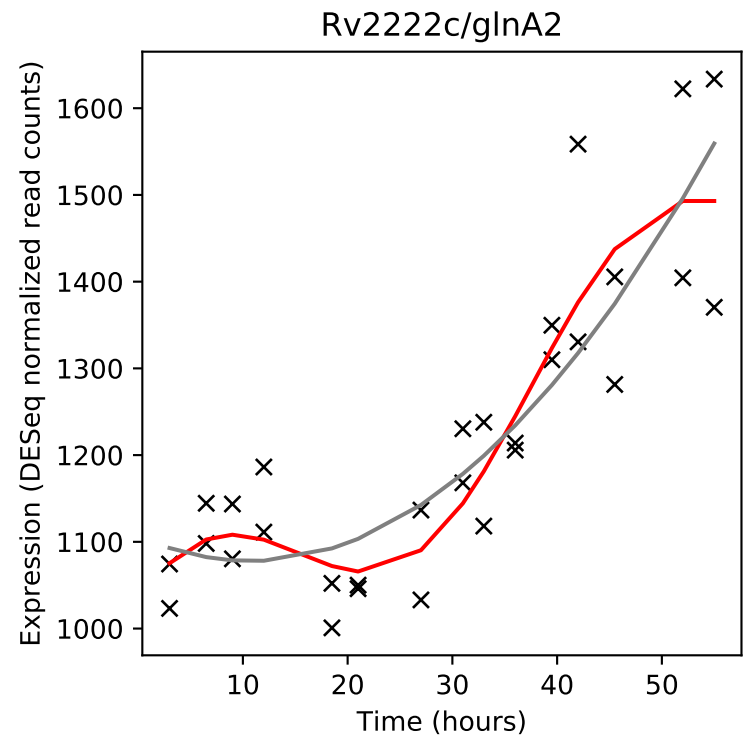

Rv2210c/ilvE
Expression (DESeq normalized read counts)
Time (hours)

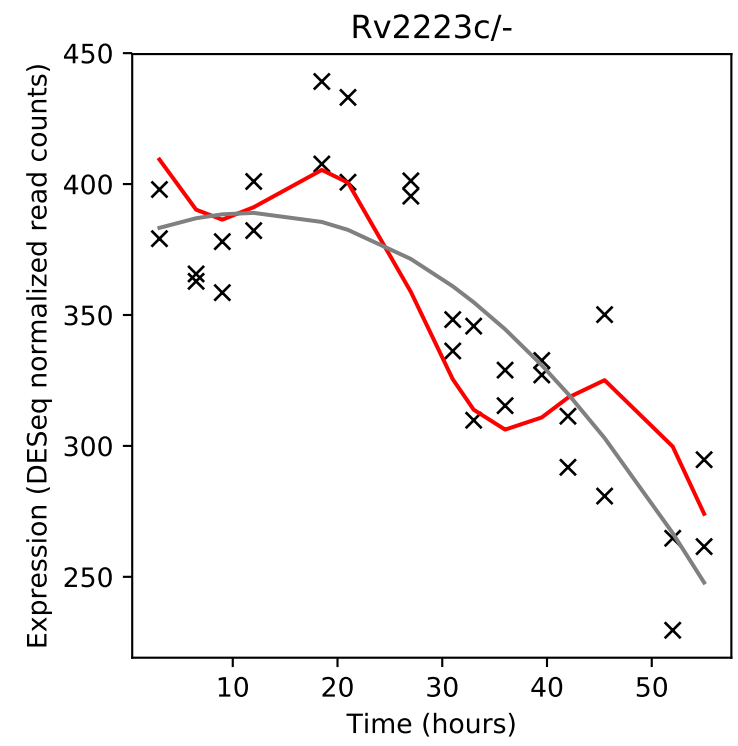

Rv2211c/gcvT
Expression (DESeq normalized read counts)
Time (hours)

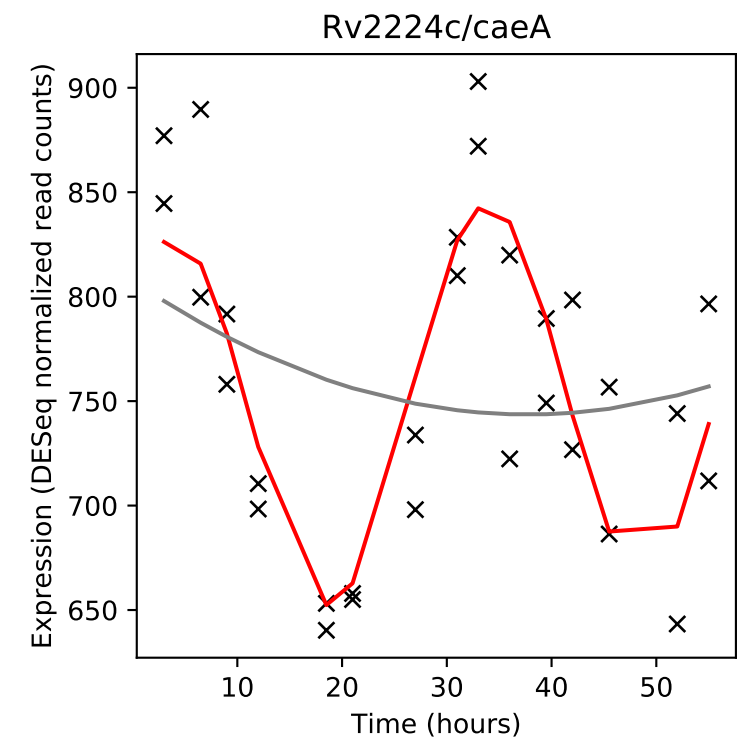

Rv2212/-
Rv2213/pepB
Rv2214c/ephD
Rv2215/dlaT
Rv2216/-
Rv2217/lipB
Rv2218/lipA
Rv2219/-
Rv2219A/-
Expression (DESeq normalized read counts)
Time (hours)

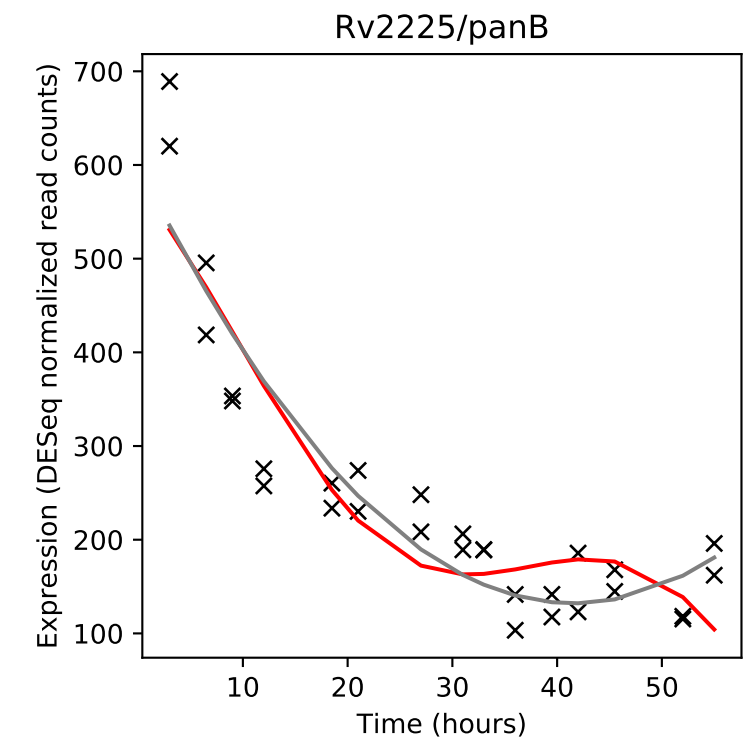

Rv2220/glnA1
Expression (DESeq normalized read counts)
Time (hours)

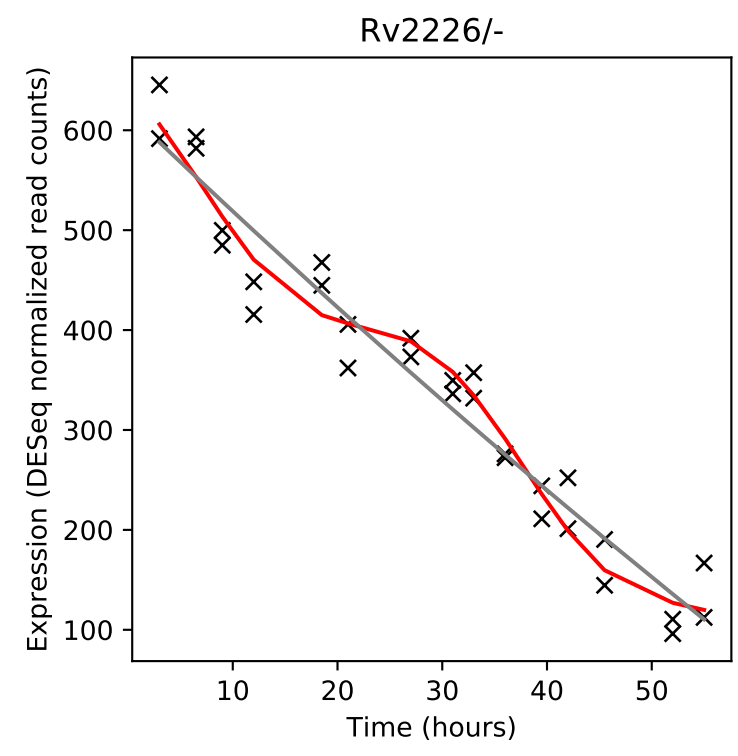

Rv2221c/glnE
Expression (DESeq normalized read counts)
Time (hours)

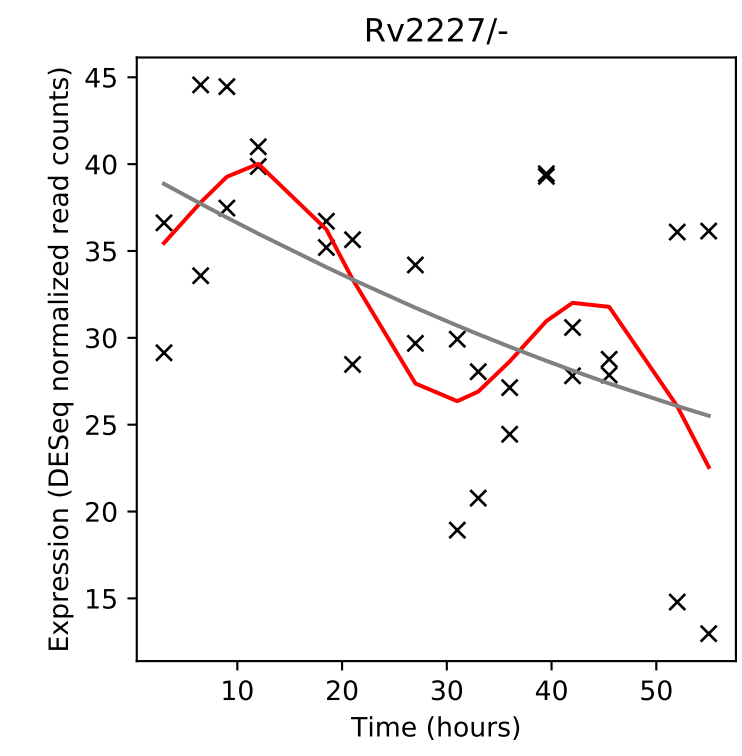

Rv2222c/glnA2
Expression (DESeq normalized read counts)
Time (hours)

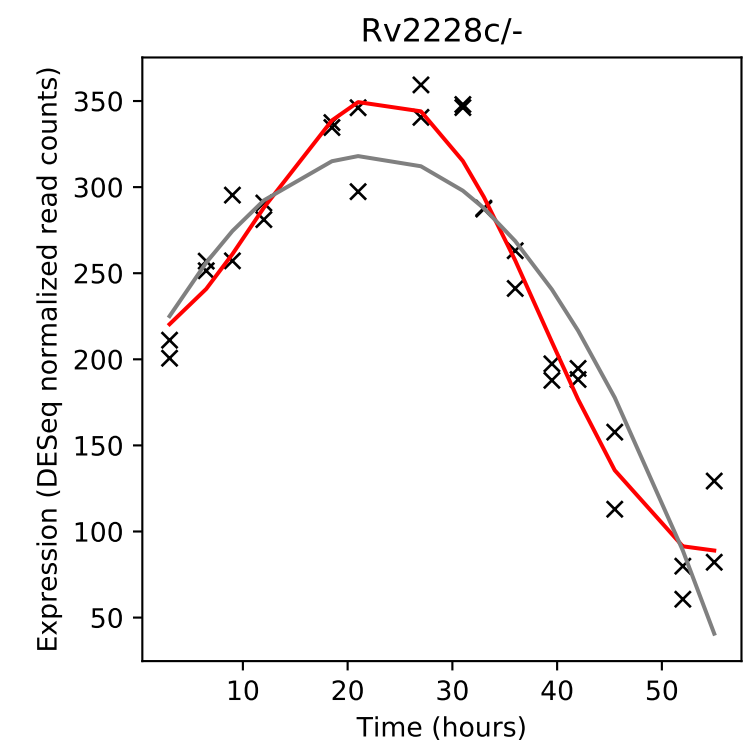

Rv2223c/-
Expression (DESeq normalized read counts)
Time (hours)

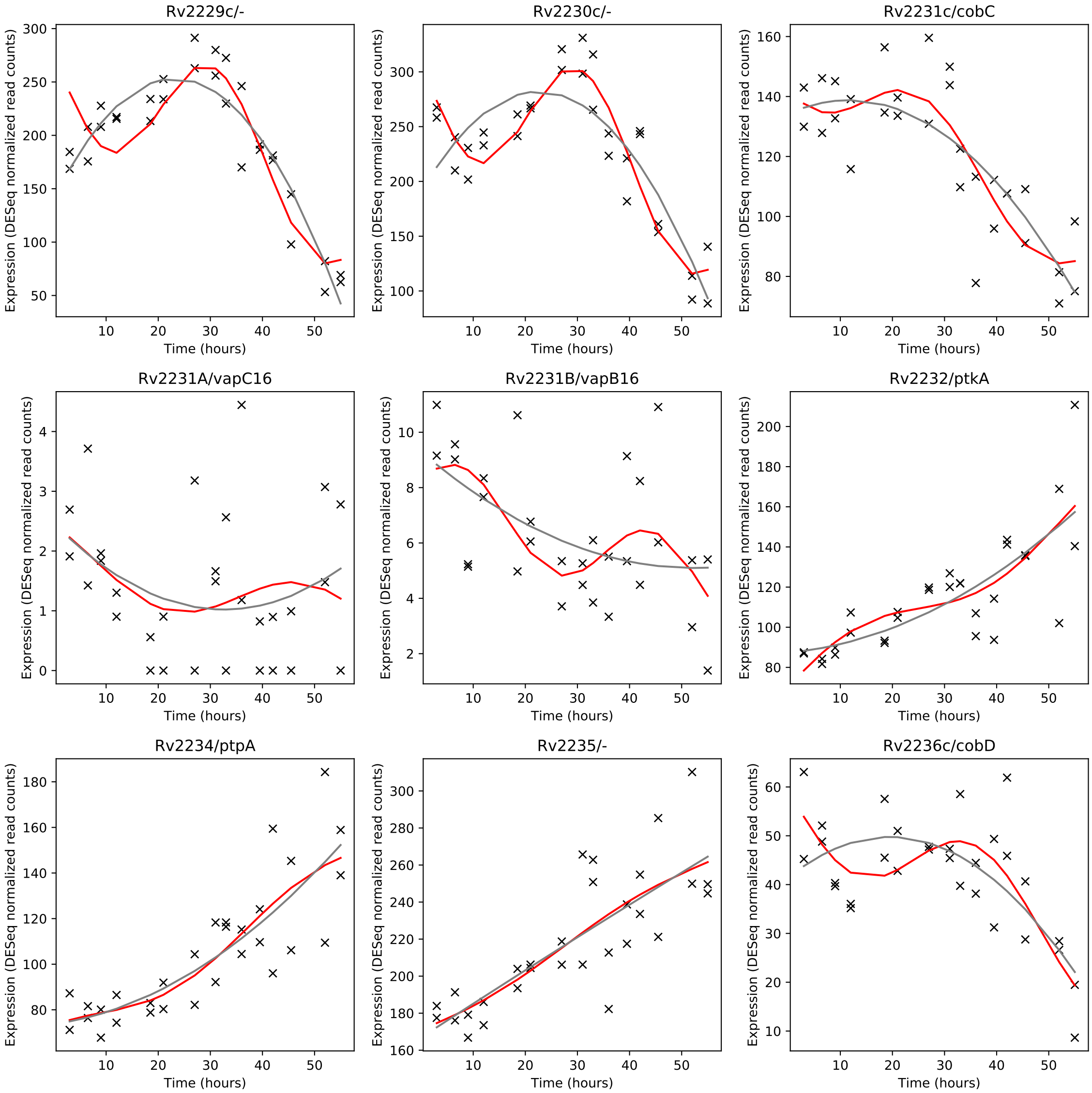

Rv2224c/caeA
Expression (DESeq normalized read counts)
Time (hours)

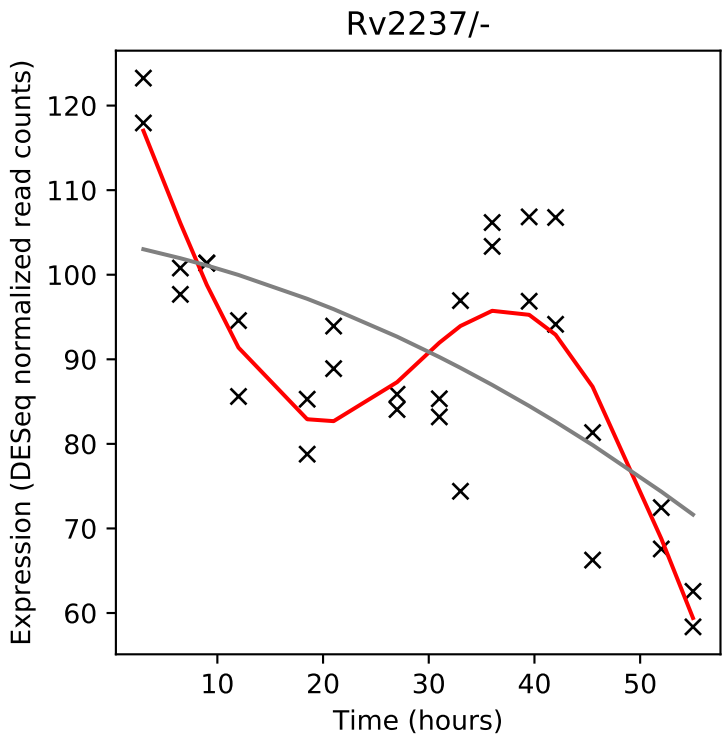

Rv2225/panB
Expression (DESeq normalized read counts)
Time (hours)

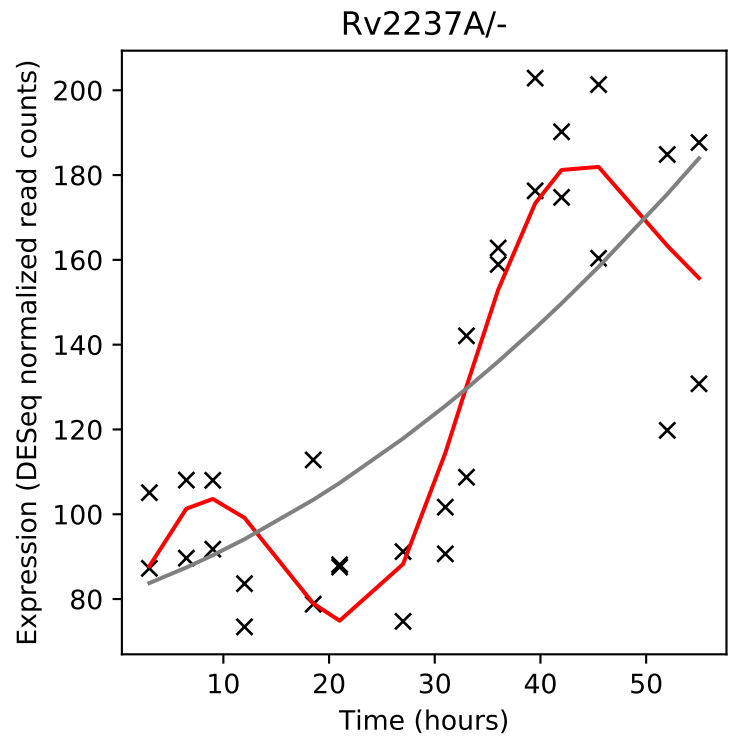

Rv2226/-
Expression (DESeq normalized read counts)
Time (hours)

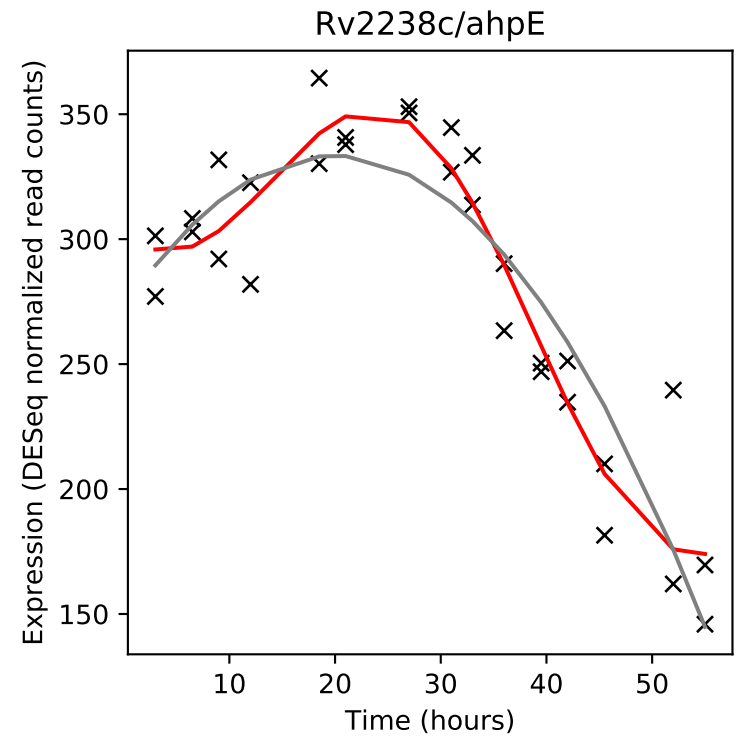

Rv2227/-
Expression (DESeq normalized read counts)
Time (hours)

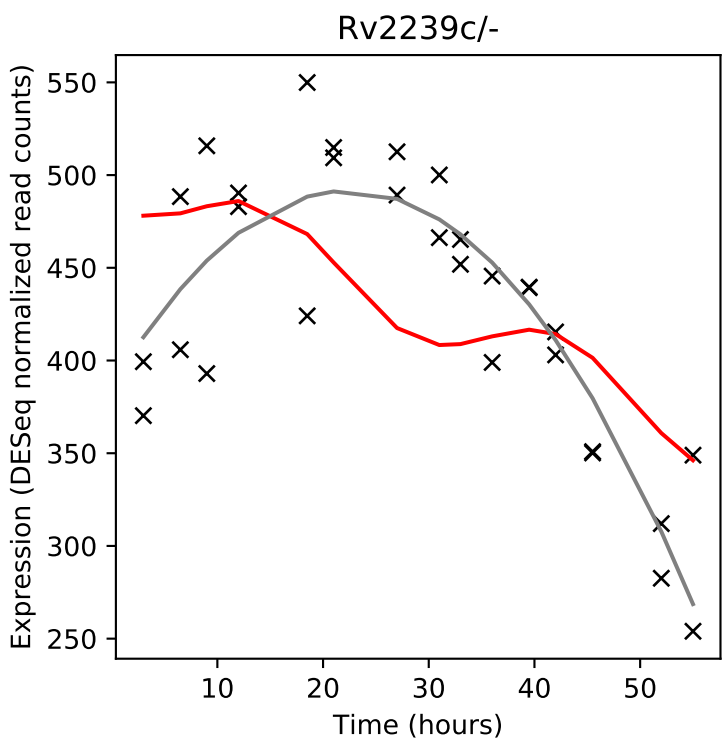

Rv2228c/-
Expression (DESeq normalized read counts)
Time (hours)

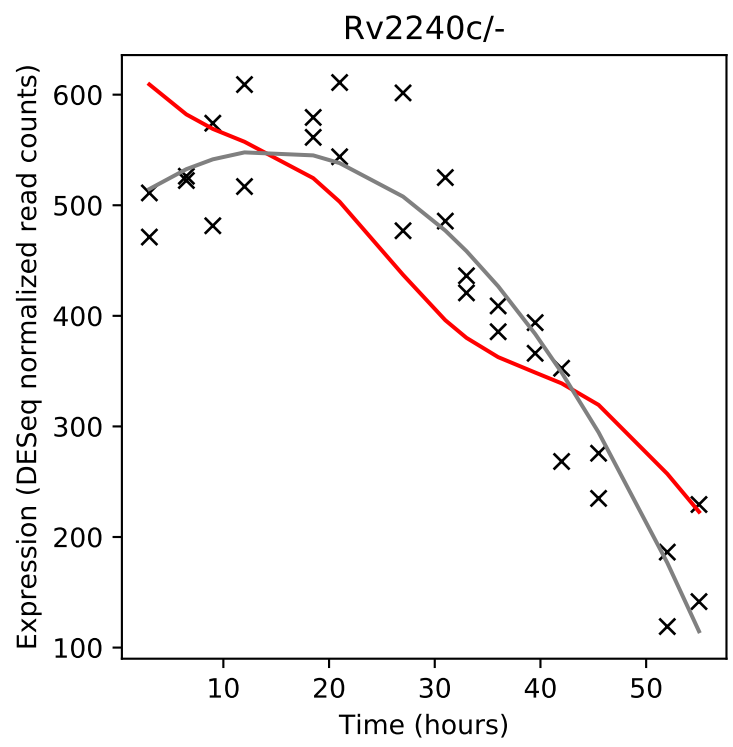

Rv2229c/-
Rv2230c/-
Rv2231c/cobC
Rv2231A/vapC16
Rv2231B/vapB16
Rv2232/ptkA
Rv2234/ptpA
Rv2235/-
Rv2236c/cobD
Expression (DESeq normalized read counts)
Time (hours)

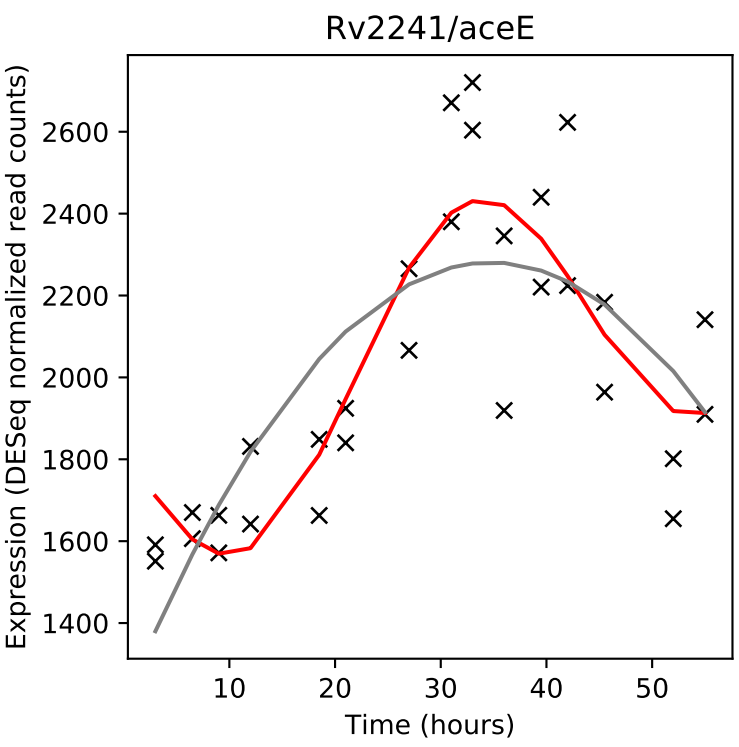

Rv2237/-
Expression (DESeq normalized read counts)
Time (hours)

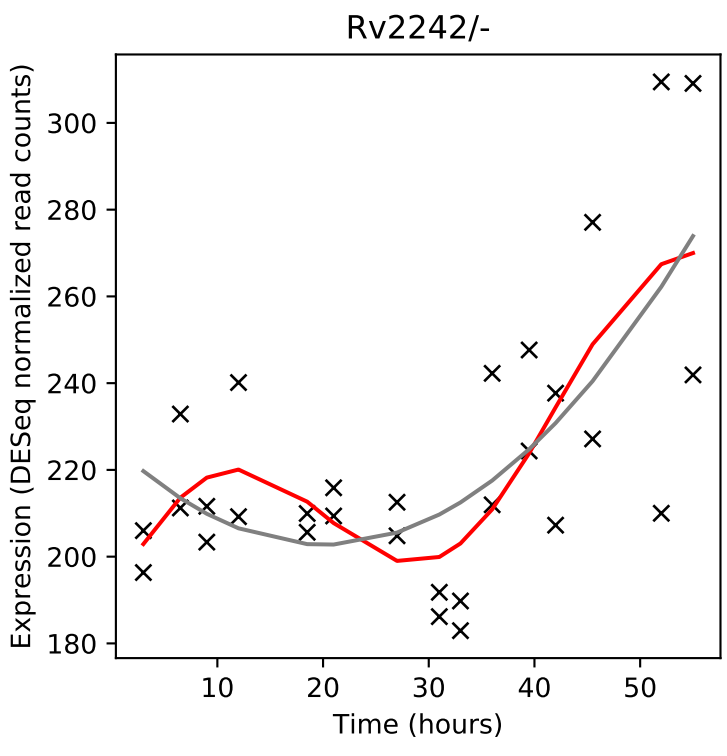

Rv2237A/-
Expression (DESeq normalized read counts)
Time (hours)

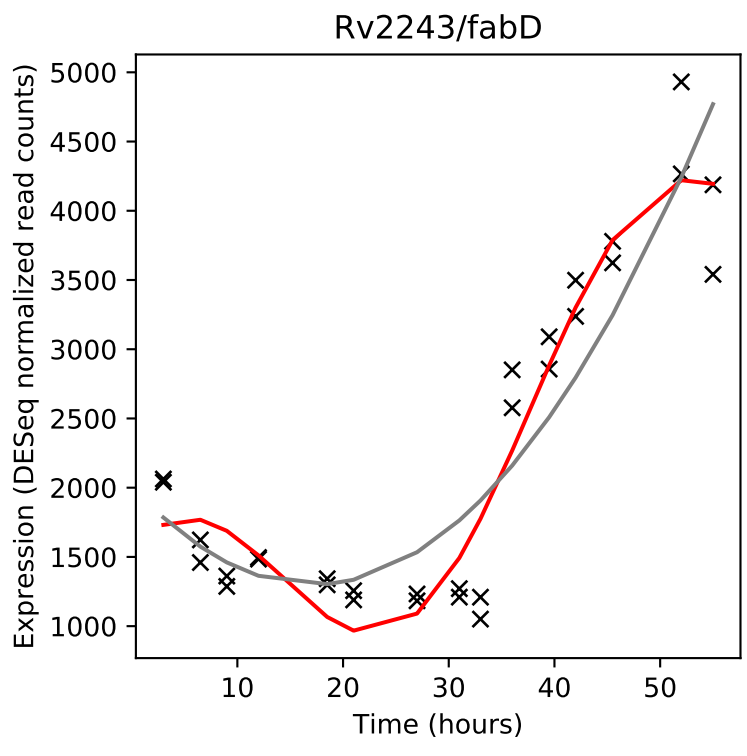

Rv2238c/ahpE
Expression (DESeq normalized read counts)
Time (hours)

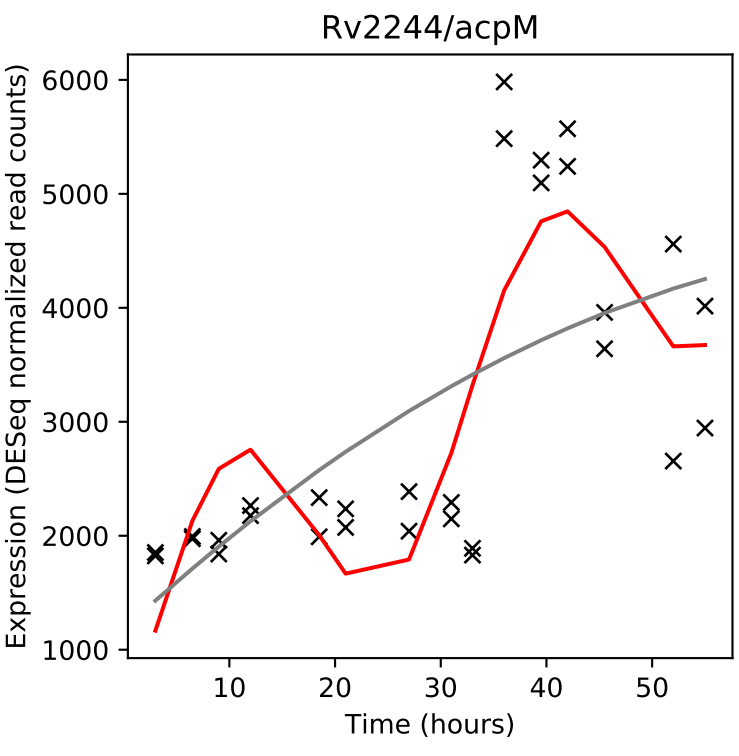

Rv2239c/-
Expression (DESeq normalized read counts)
Time (hours)

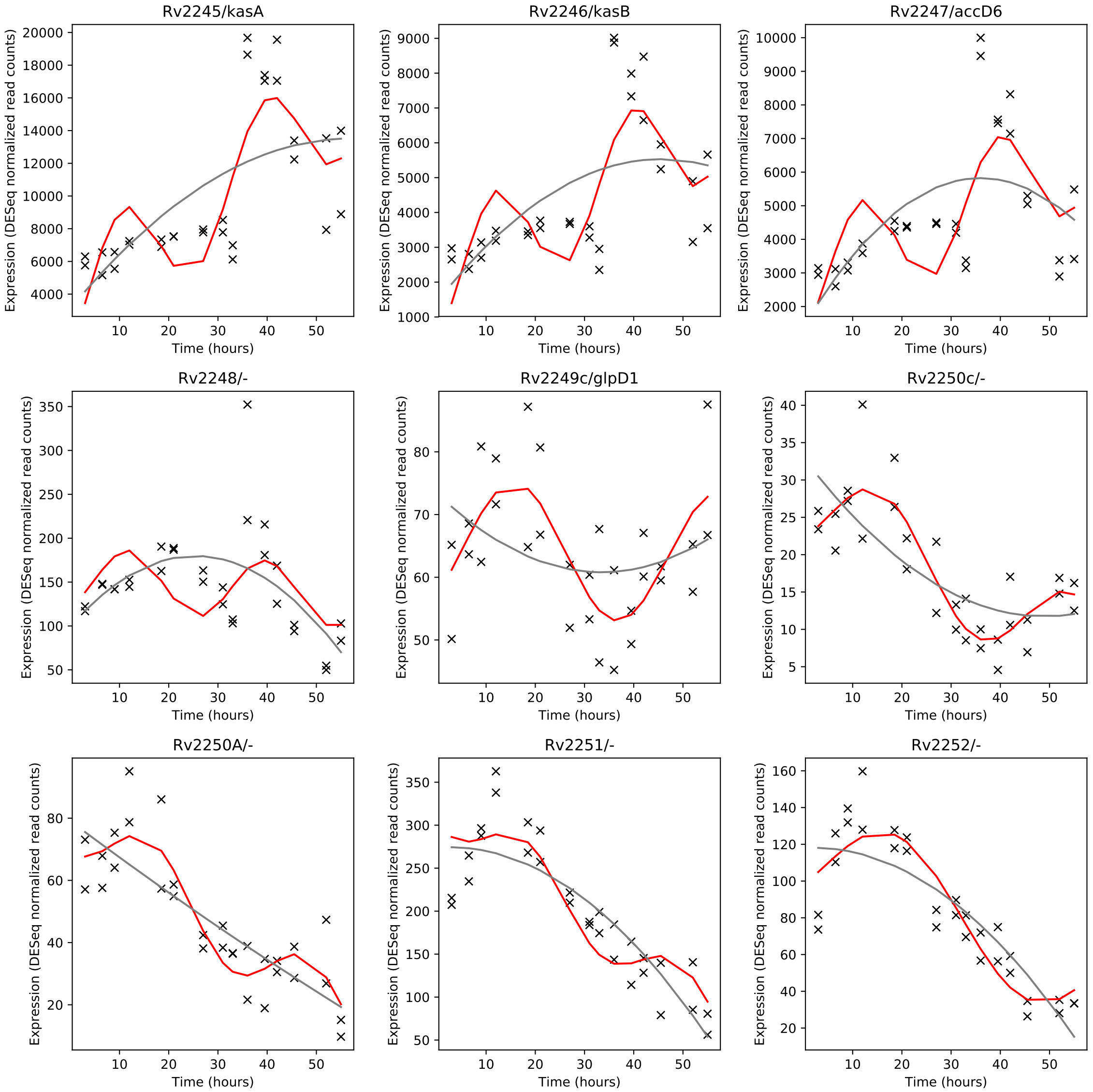

Rv2240c/-
Expression (DESeq normalized read counts)
Time (hours)

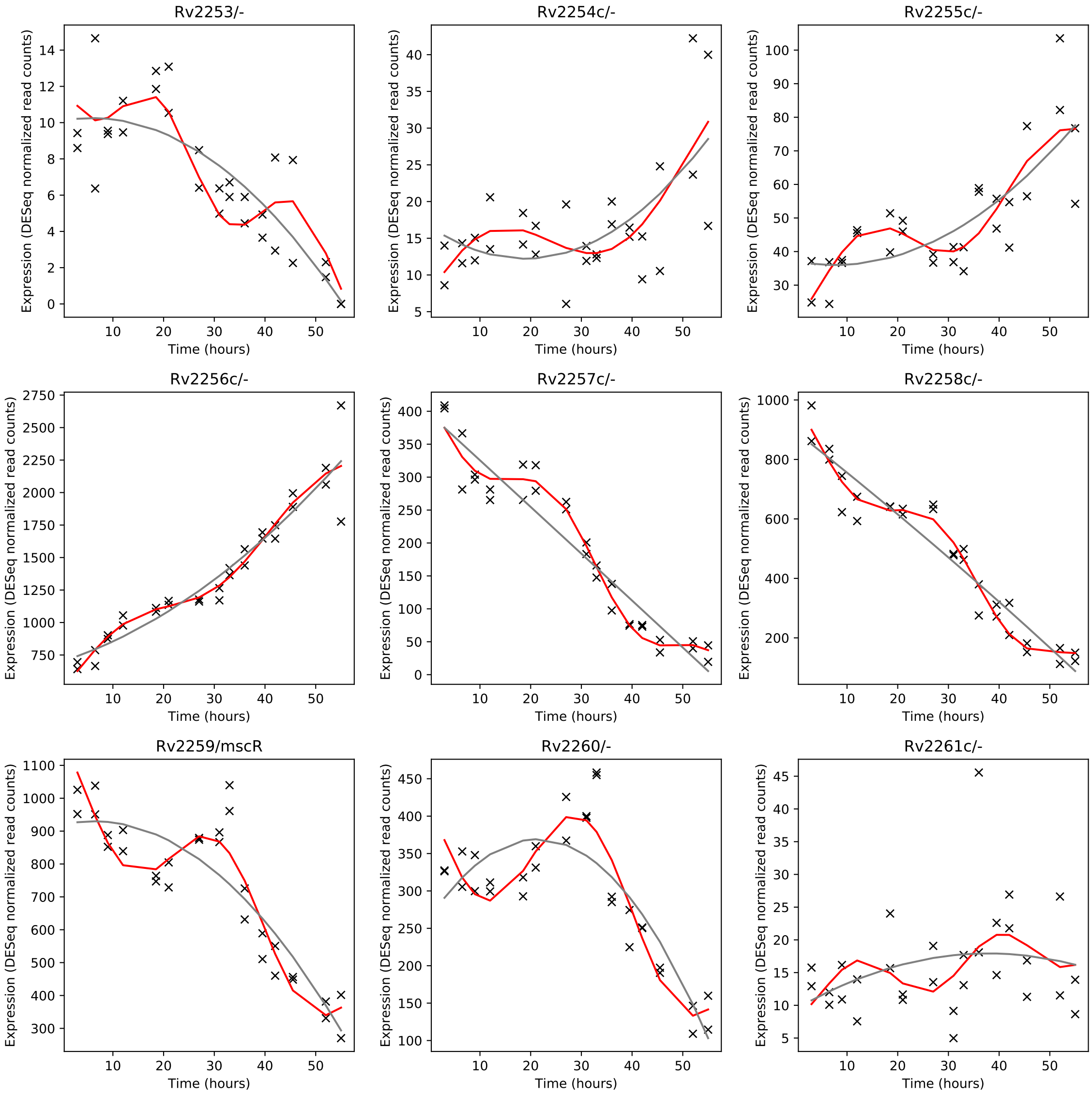

Rv2241/aceE
Expression (DESeq normalized read counts)
Time (hours)

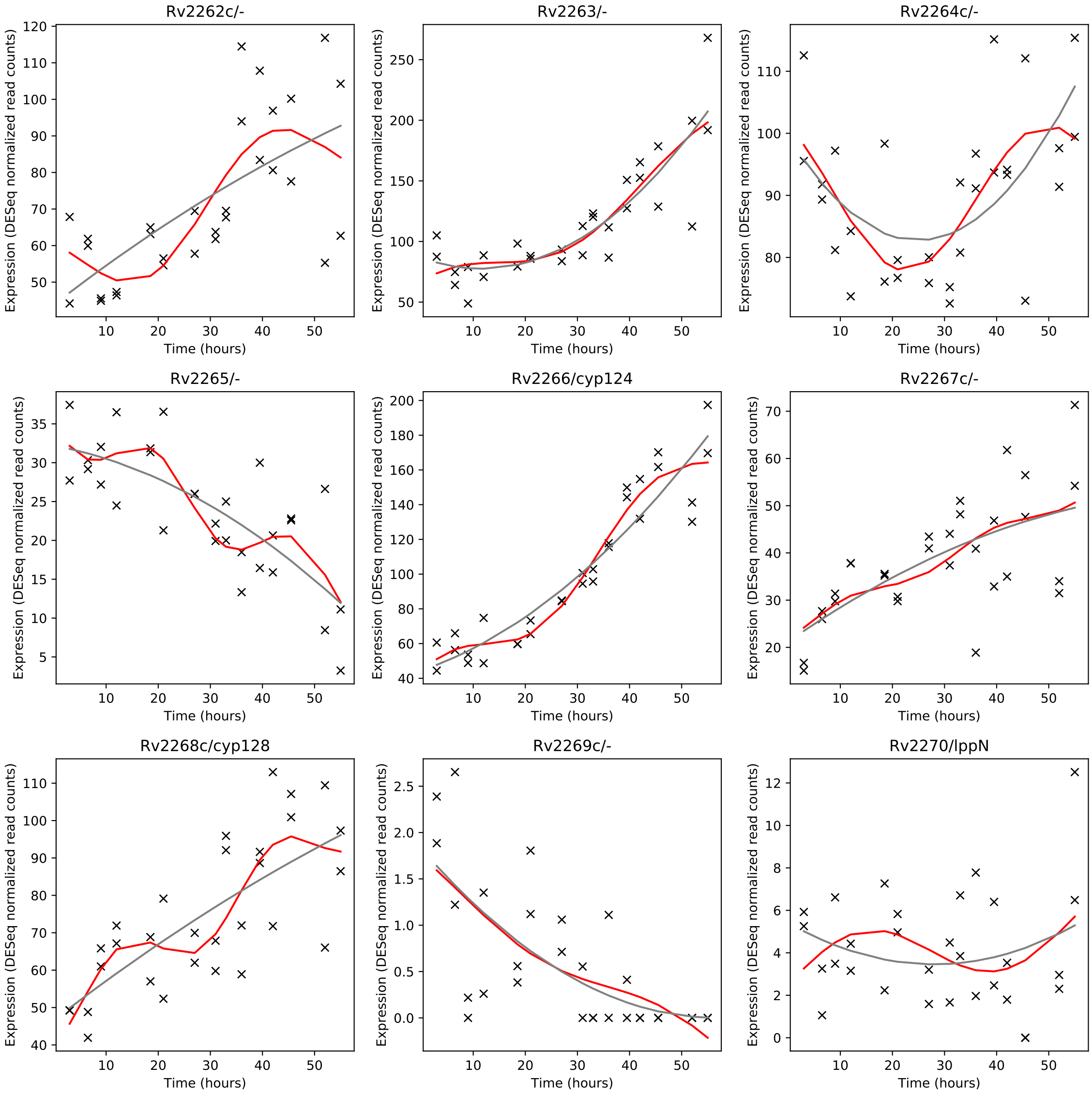

Rv2242/-
Expression (DESeq normalized read counts)
Time (hours)

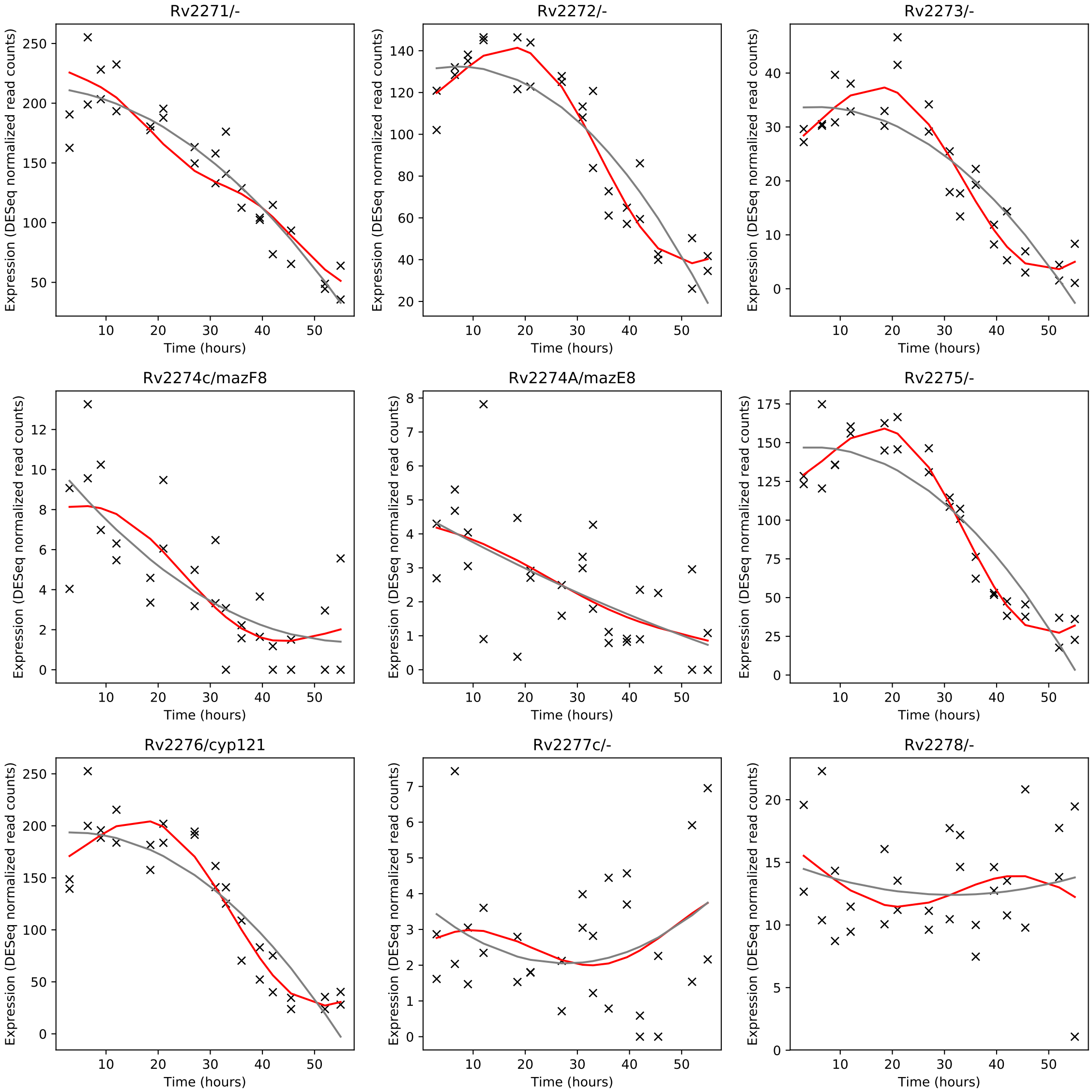

Rv2243/fabD
Expression (DESeq normalized read counts)
Time (hours)

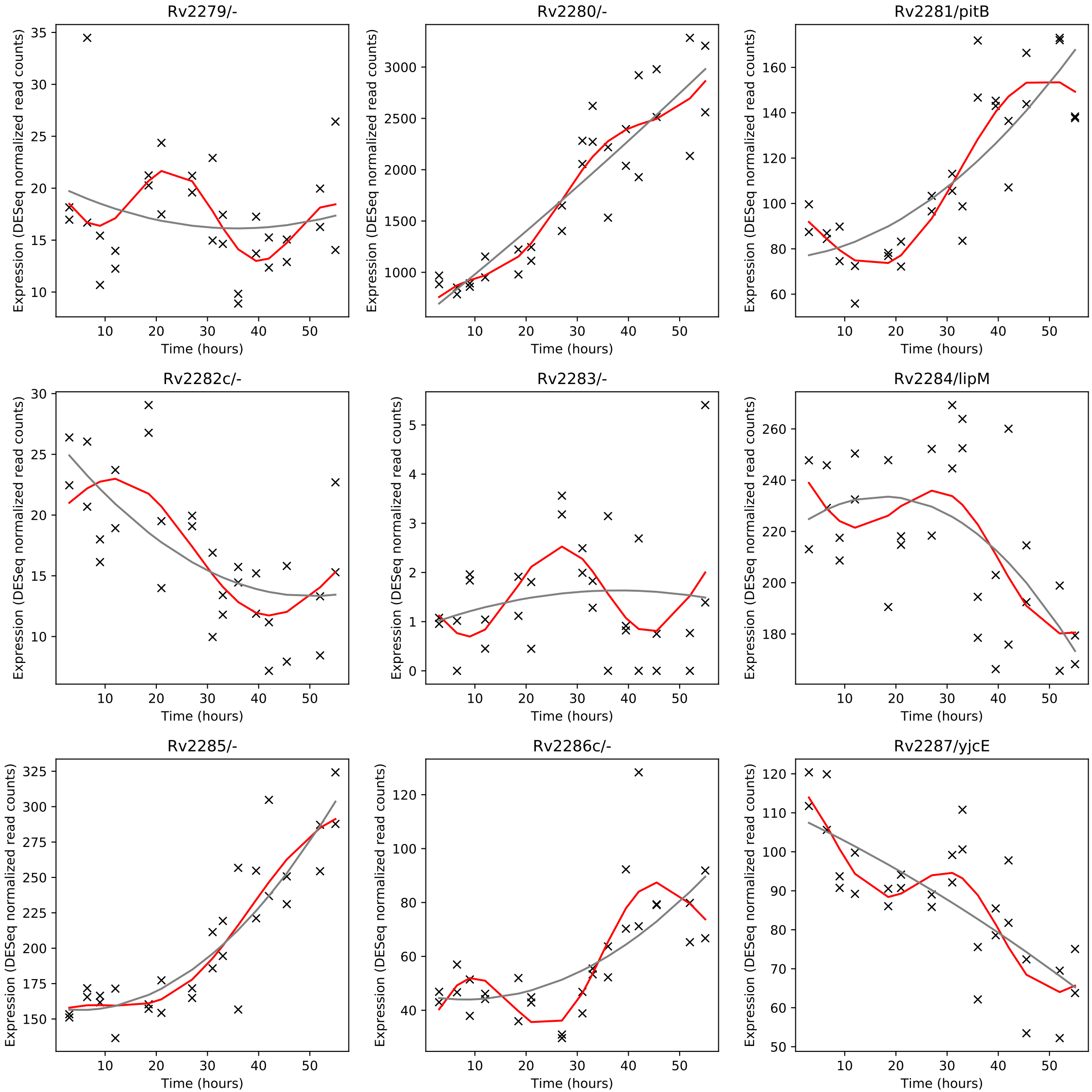

Rv2244/acpM
Expression (DESeq normalized read counts)
Time (hours)

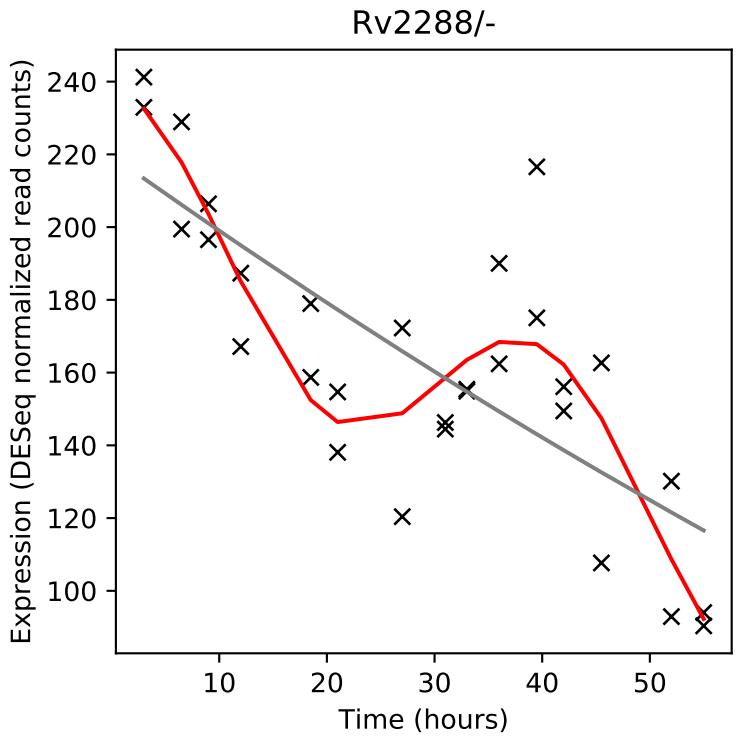

Rv2245/kasA
Rv2246/kasB
Rv2247/accD6
Rv2248/-
Rv2249c/glpD1
Rv2250c/-
Rv2250A/-
Rv2251/-
Rv2252/-
Expression (DESeq normalized read counts)
Time (hours)

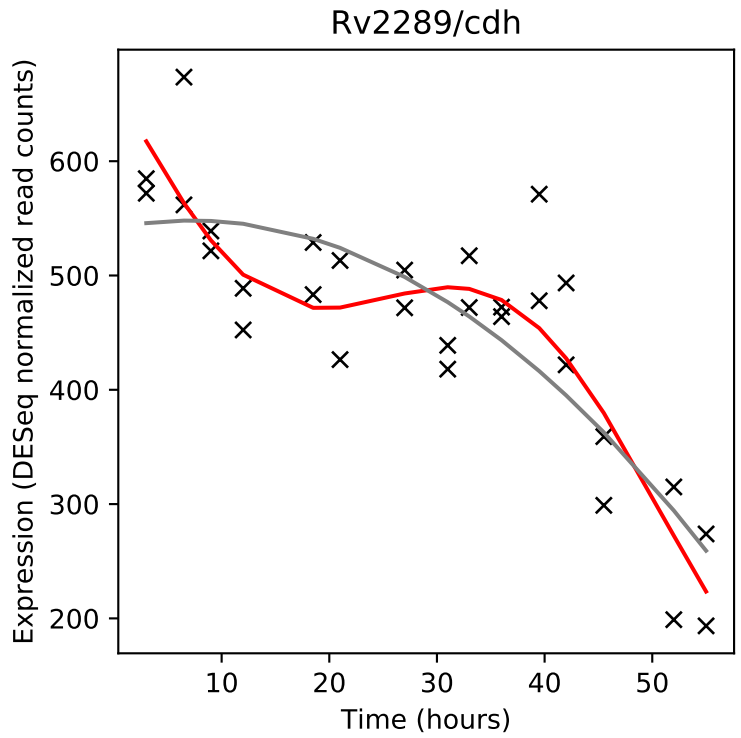

Rv2253/-
Rv2254c/-
Rv2255c/-
Rv2256c/-
Rv2257c/-
Rv2258c/-
Rv2259/mscR
Rv2260/-
Rv2261c/-
Expression (DESeq normalized read counts)
Time (hours)

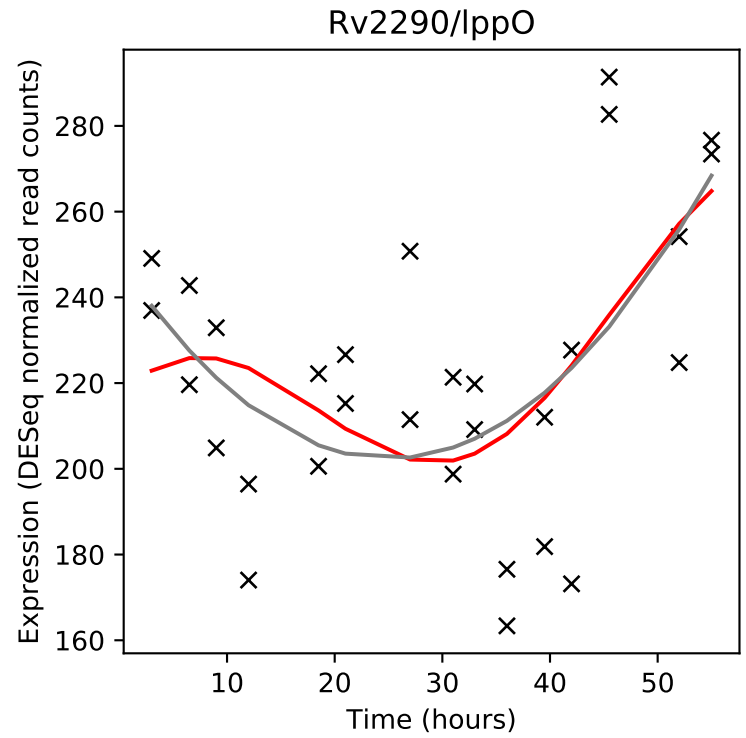

Rv2262c/-
Rv2263/-
Rv2264c/-
Rv2265/-
Rv2266/cyp124
Rv2267c/-
Rv2268c/cyp128
Rv2269c/-
Rv2270/lppN
Expression (DESeq normalized read counts)
Time (hours)

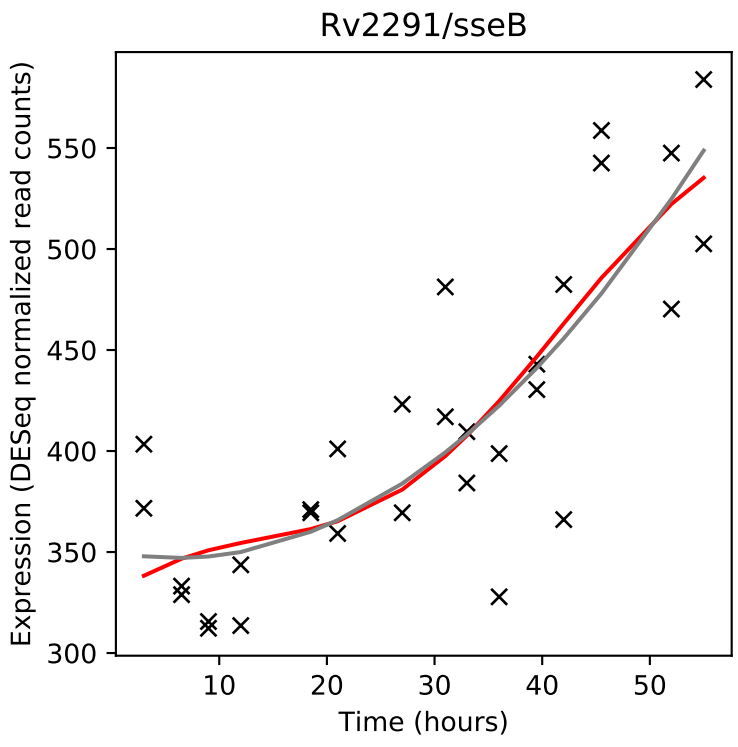

Rv2271/-
Rv2272/-
Rv2273/-
Rv2274c/mazF8
Rv2274A/mazE8
Rv2275/-
Rv2276/cyp121
Rv2277c/-
Rv2278/-
Expression (DESeq normalized read counts)
Time (hours)

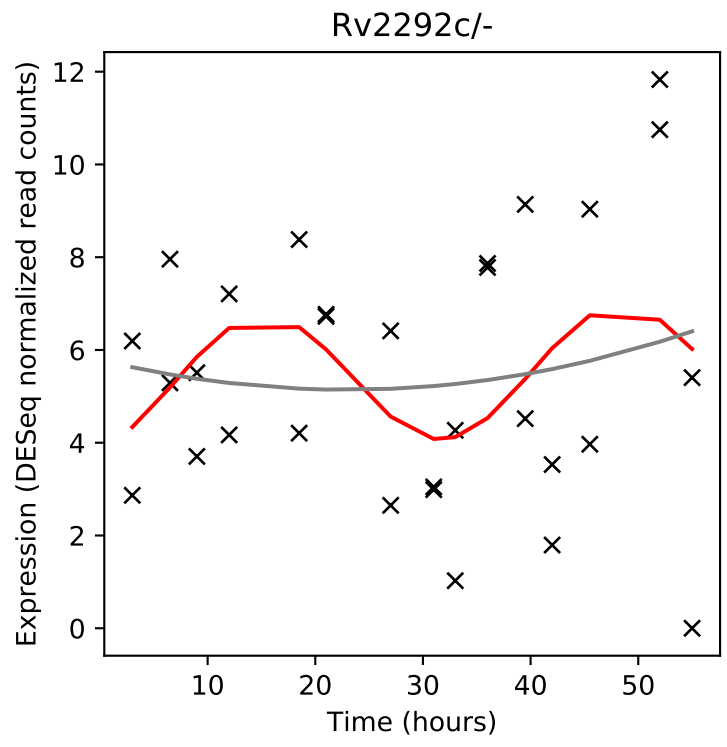

Rv2279/-
Rv2280/-
Rv2281/pitB
Rv2282c/-
Rv2283/-
Rv2284/lipM
Rv2285/-
Rv2286c/-
Rv2287/yjcE
Expression (DESeq normalized read counts)
Time (hours)

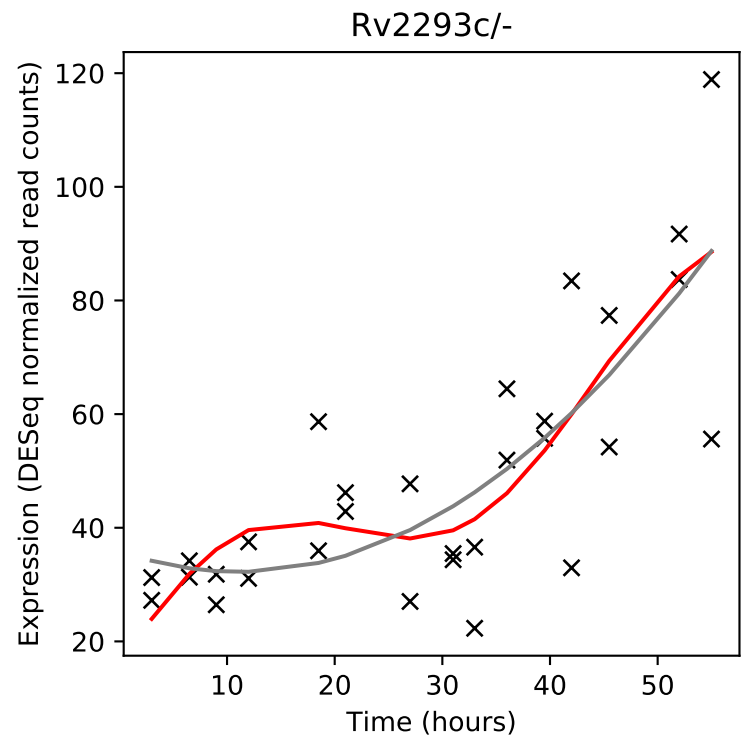

Rv2288/-
Expression (DESeq normalized read counts)
Time (hours)

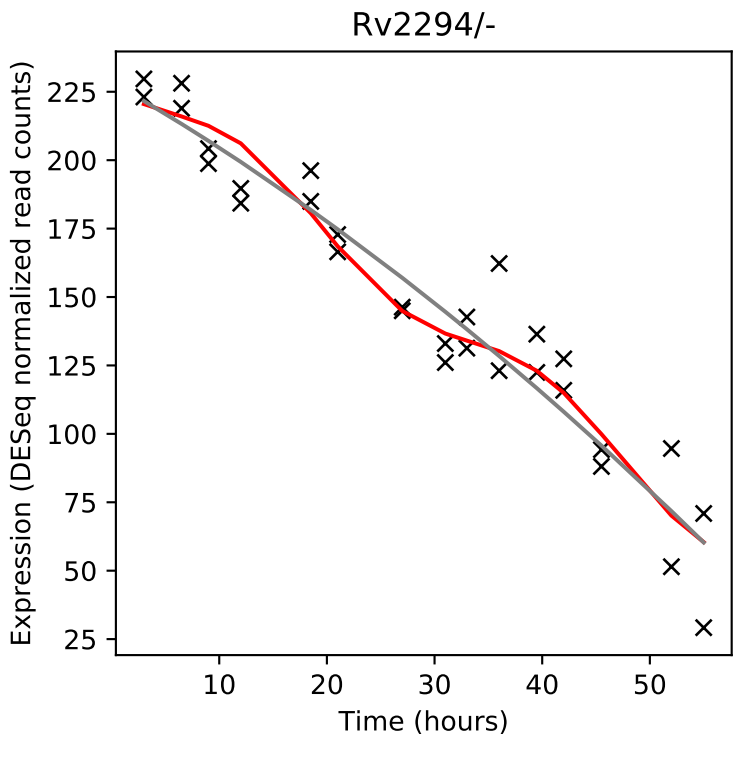

Rv2289/cdh
Expression (DESeq normalized read counts)
Time (hours)

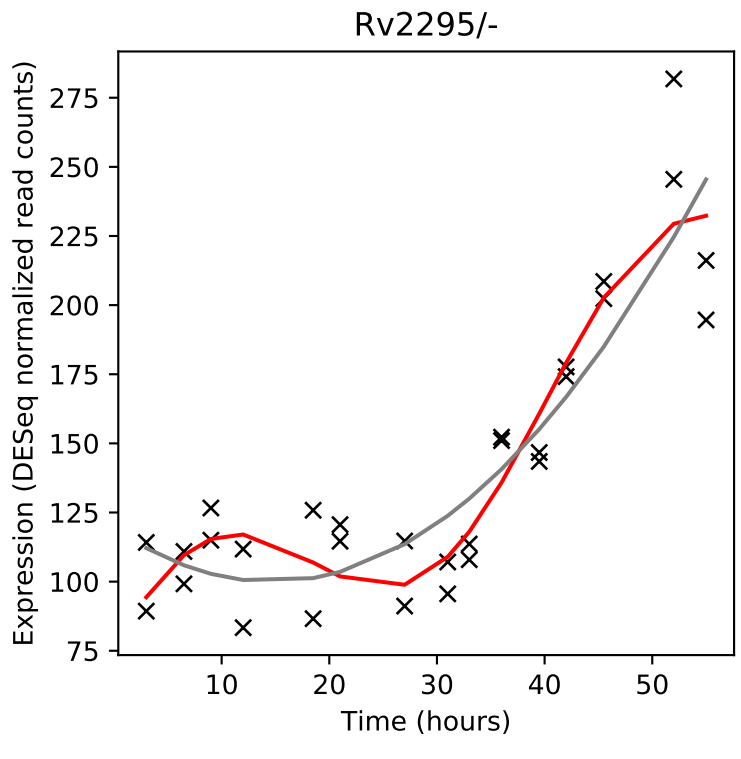

Rv2290/lppO
Expression (DESeq normalized read counts)
Time (hours)

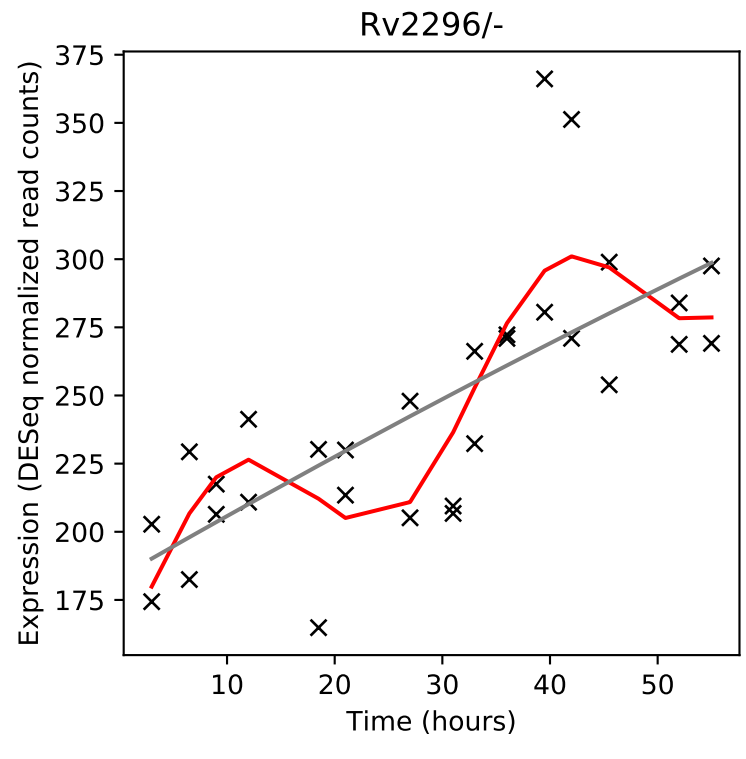

Rv2291/sseB
Expression (DESeq normalized read counts)
Time (hours)

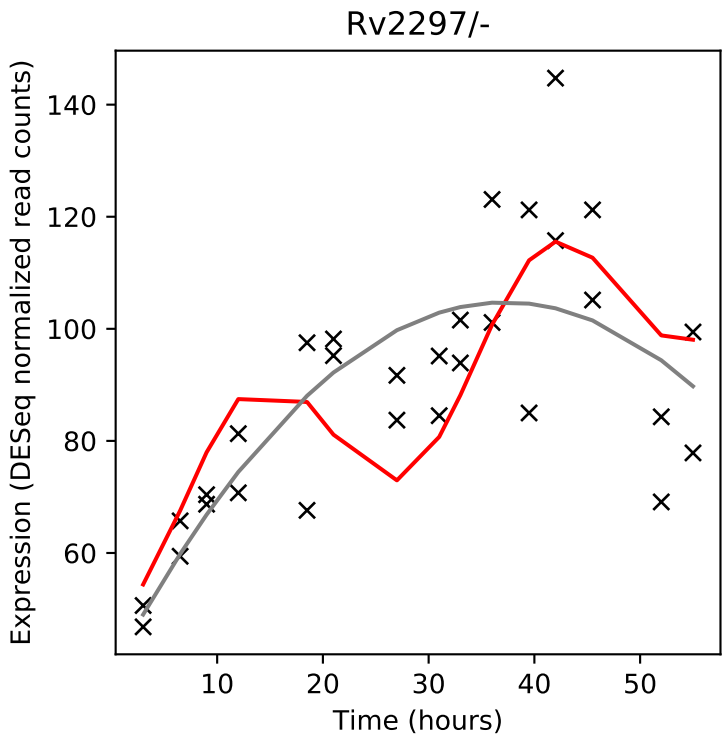

Rv2292c/-
Expression (DESeq normalized read counts)
Time (hours)

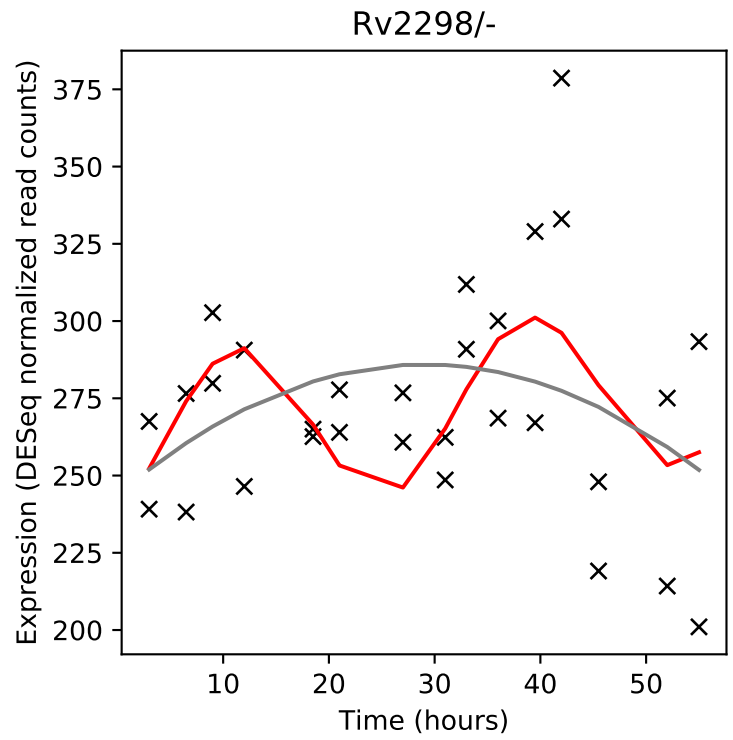

Rv2293c/-
Expression (DESeq normalized read counts)
Time (hours)

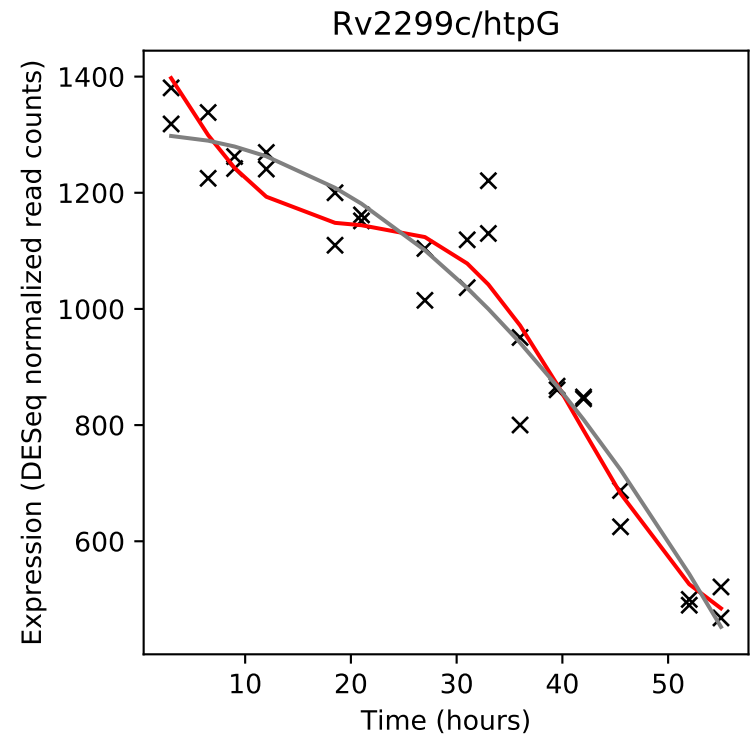

Rv2294/-
Expression (DESeq normalized read counts)
Time (hours)

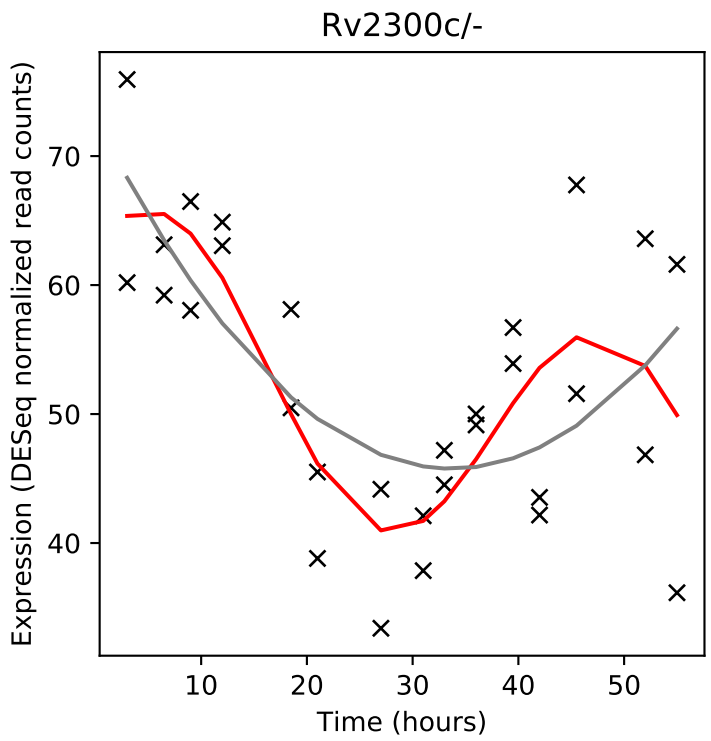

Rv2295/-
Expression (DESeq normalized read counts)
Time (hours)

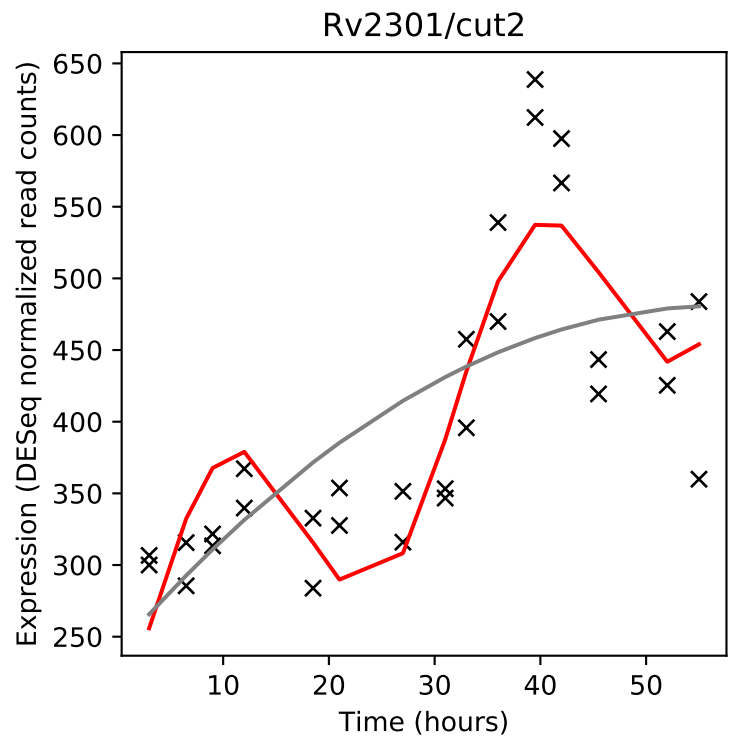

Rv2296/-
Expression (DESeq normalized read counts)
Time (hours)

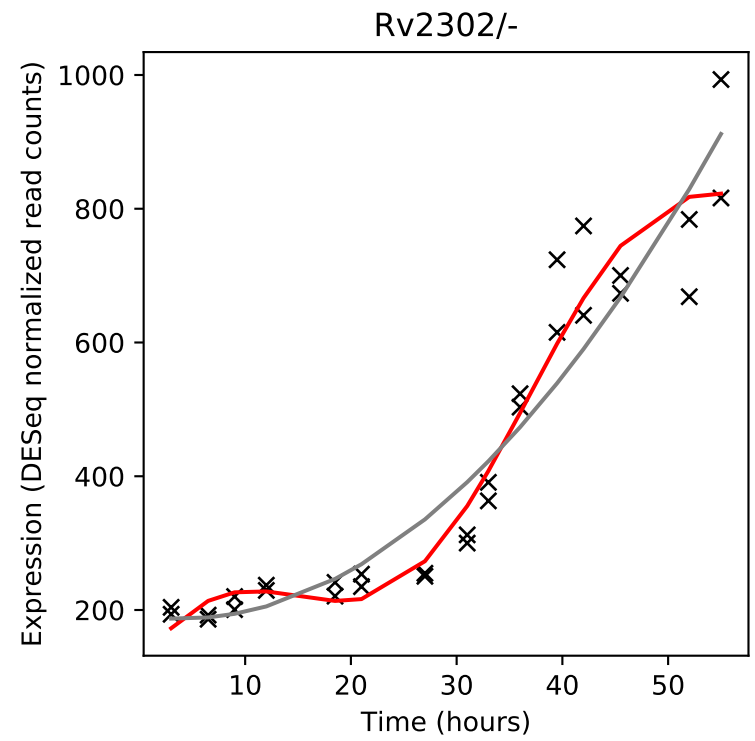

Rv2297/-
Expression (DESeq normalized read counts)
Time (hours)

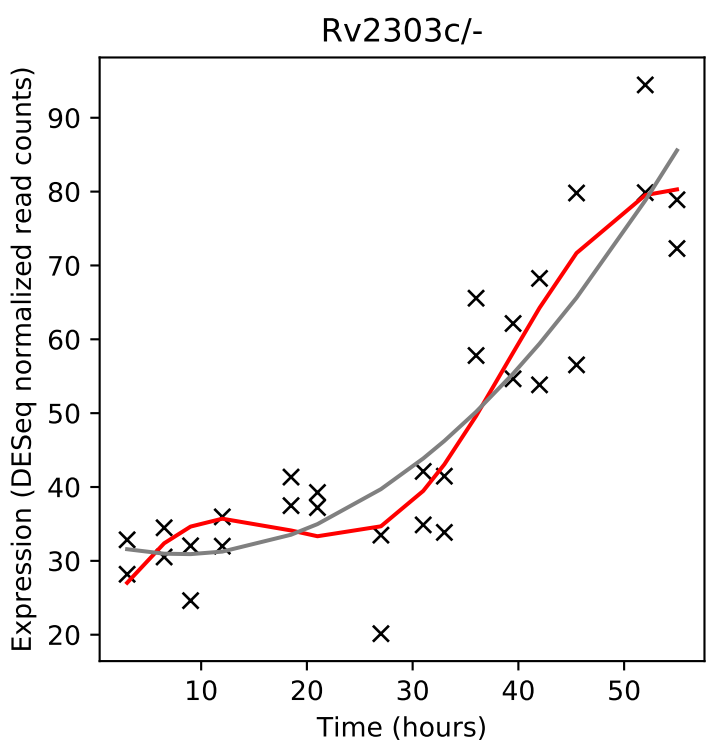

Rv2298/-
Expression (DESeq normalized read counts)
Time (hours)

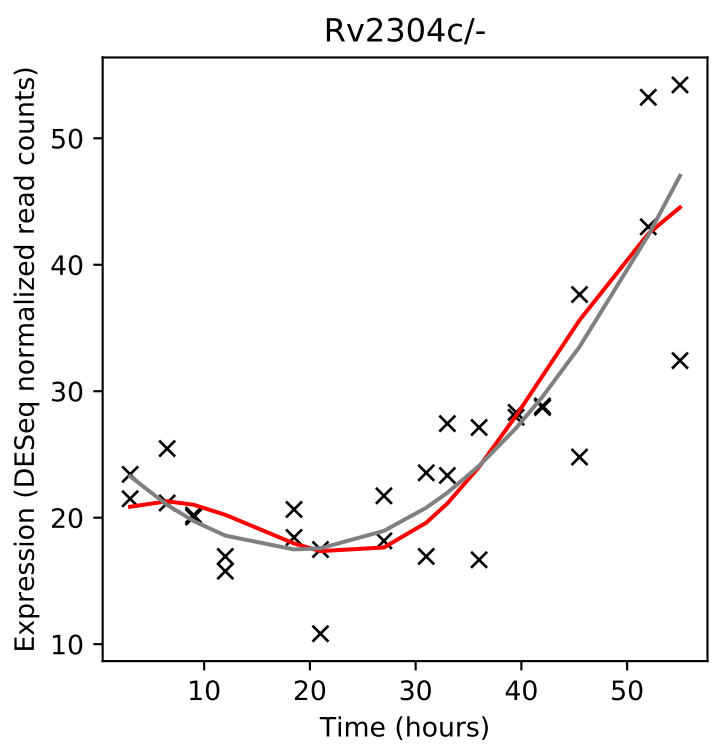

Rv2299c/htpG
Expression (DESeq normalized read counts)
Time (hours)

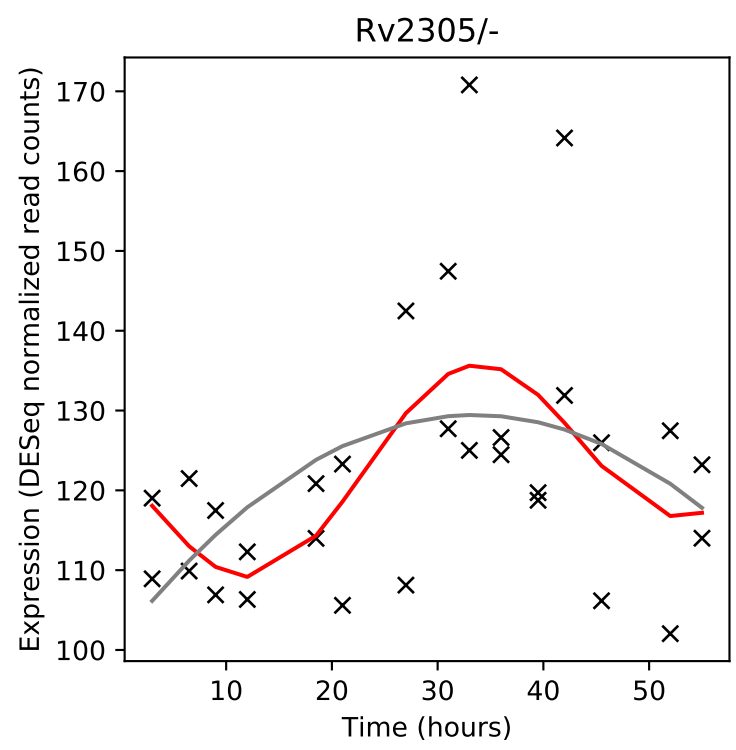

Rv2300c/-
Expression (DESeq normalized read counts)
Time (hours)

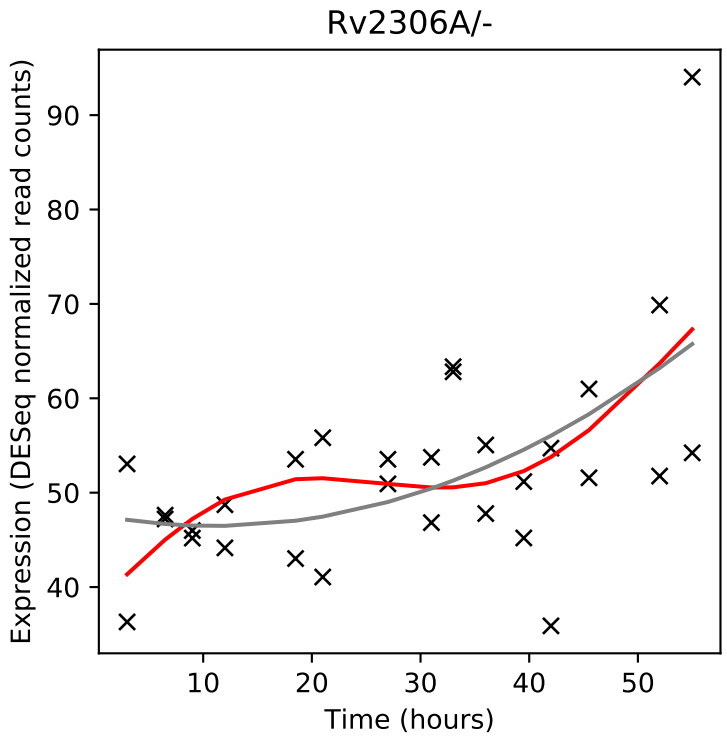

Rv2301/cut2
Expression (DESeq normalized read counts)
Time (hours)

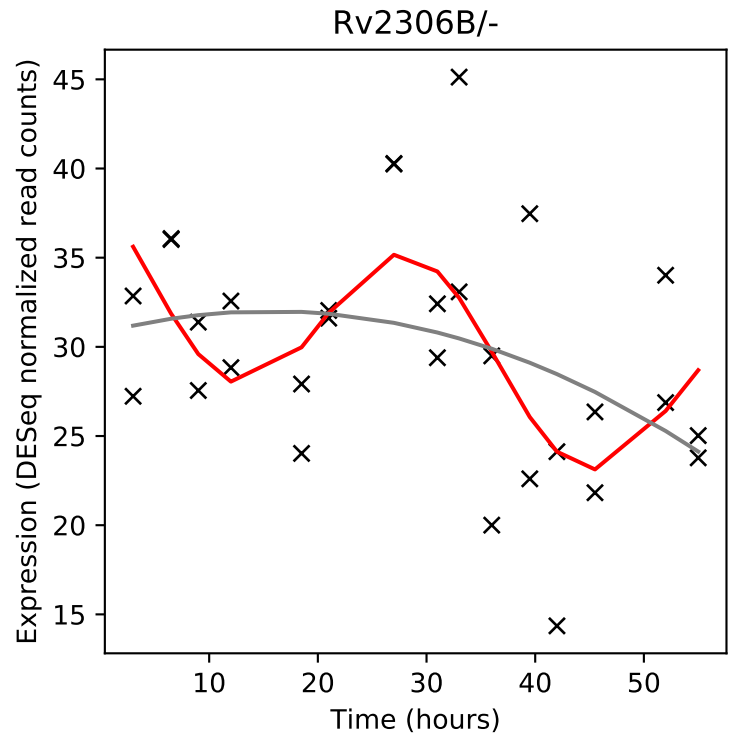

Rv2302/-
Expression (DESeq normalized read counts)
Time (hours)

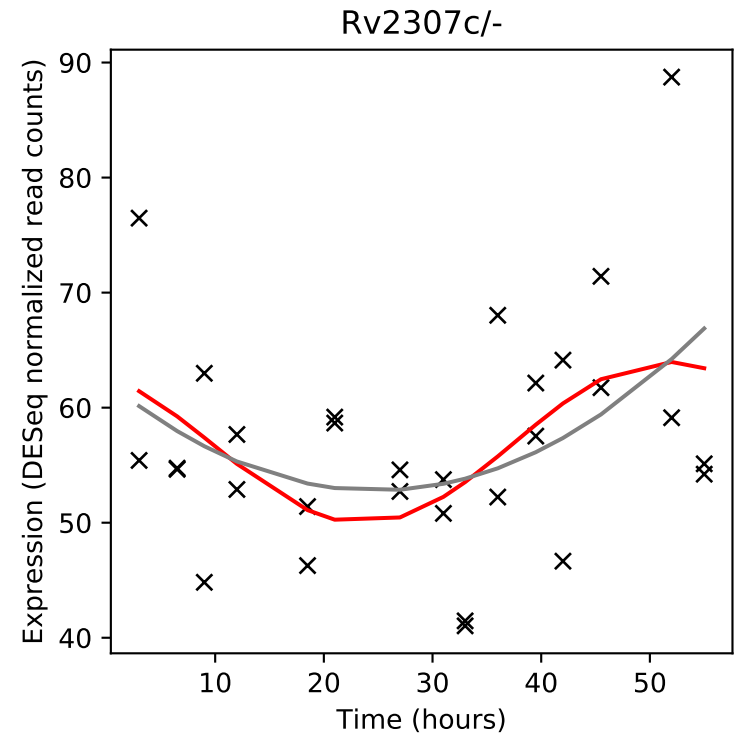

Rv2303c/-
Expression (DESeq normalized read counts)
Time (hours)

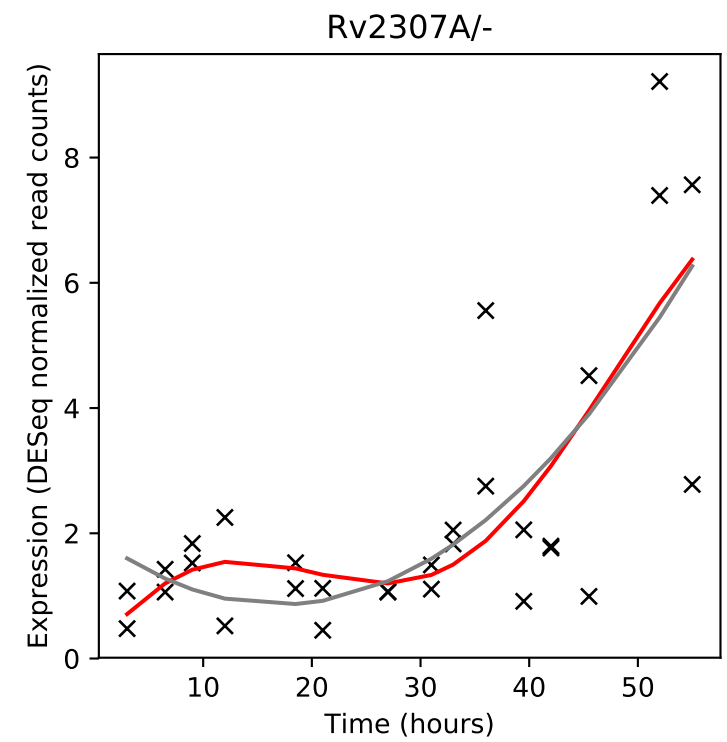

Rv2304c/-
Expression (DESeq normalized read counts)
Time (hours)

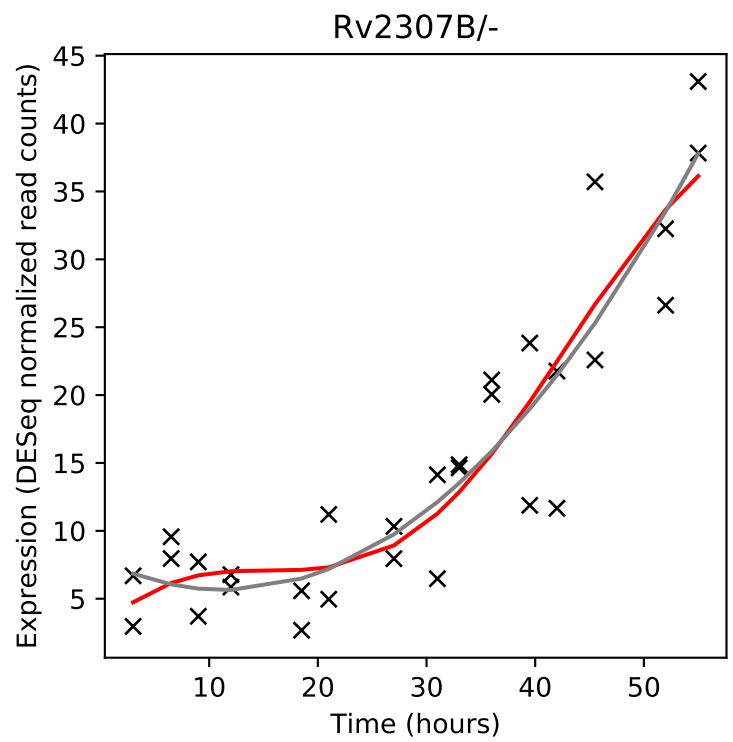

Rv2305/-
Expression (DESeq normalized read counts)
Time (hours)

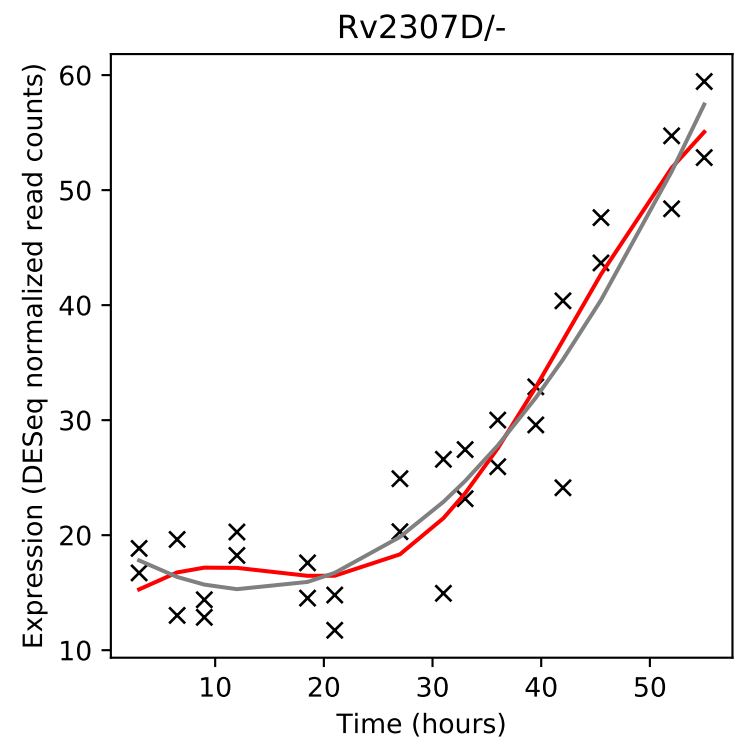

Rv2306A/-
Expression (DESeq normalized read counts)
Time (hours)

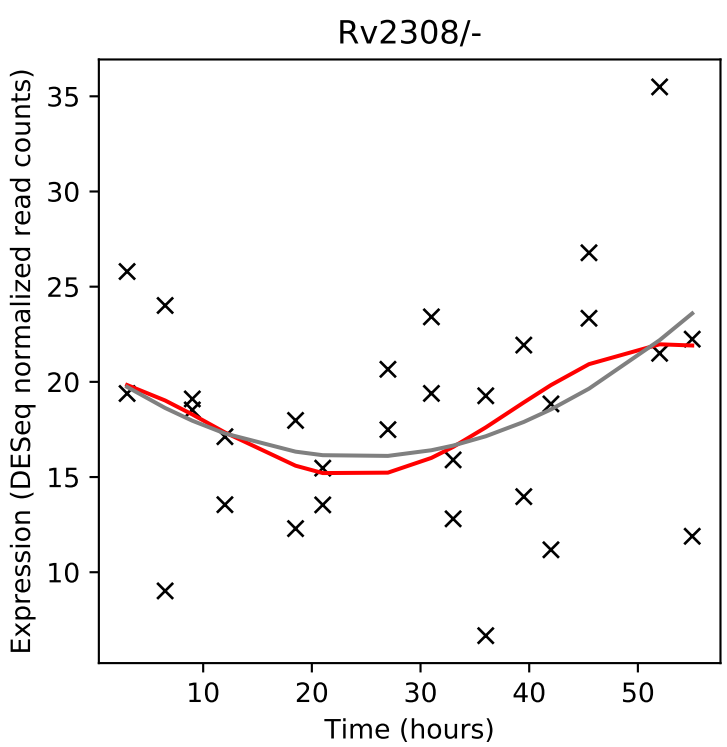

Rv2306B/-
Expression (DESeq normalized read counts)
Time (hours)

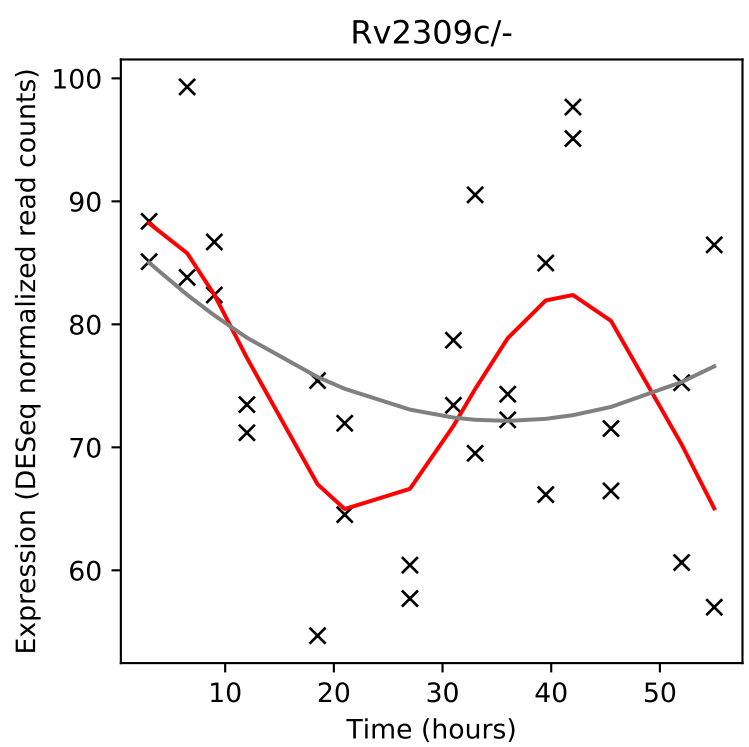

Rv2307c/-
Expression (DESeq normalized read counts)
Time (hours)

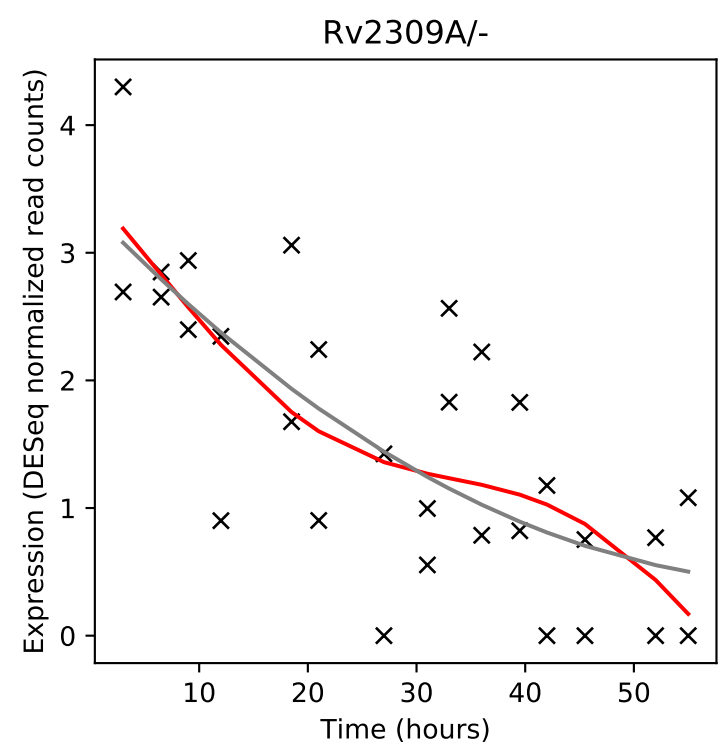

Rv2307A/-
Expression (DESeq normalized read counts)
Time (hours)

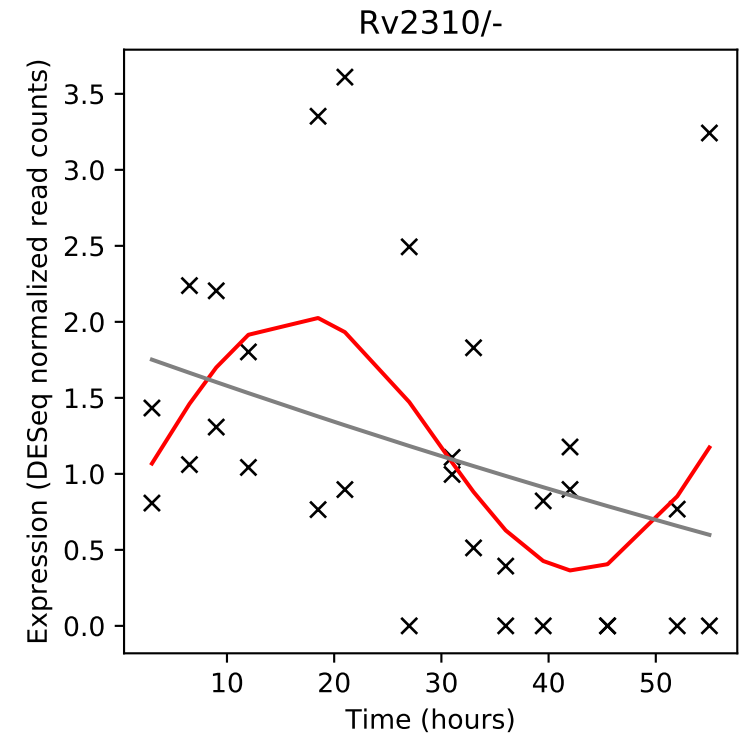

Rv2307B/-
Expression (DESeq normalized read counts)
Time (hours)

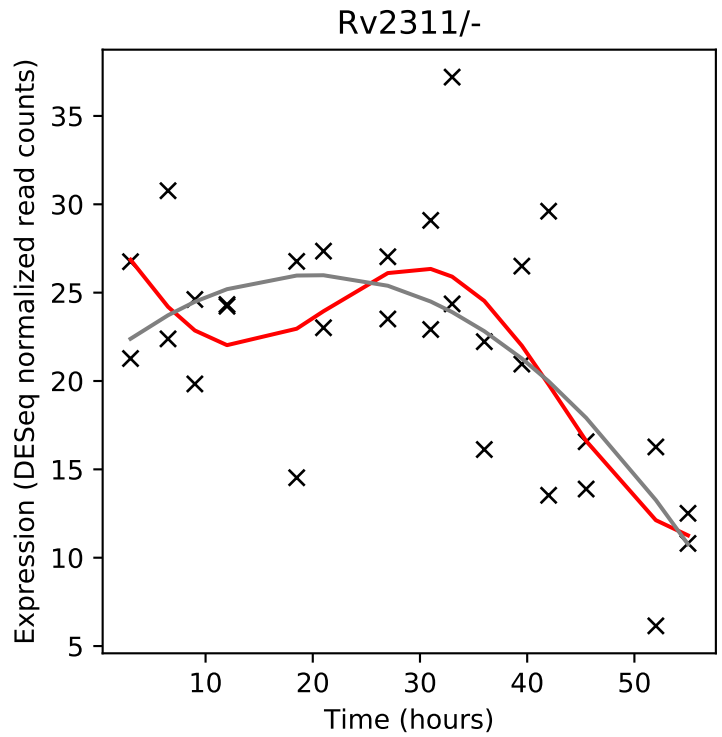

Rv2307D/-
Expression (DESeq normalized read counts)
Time (hours)

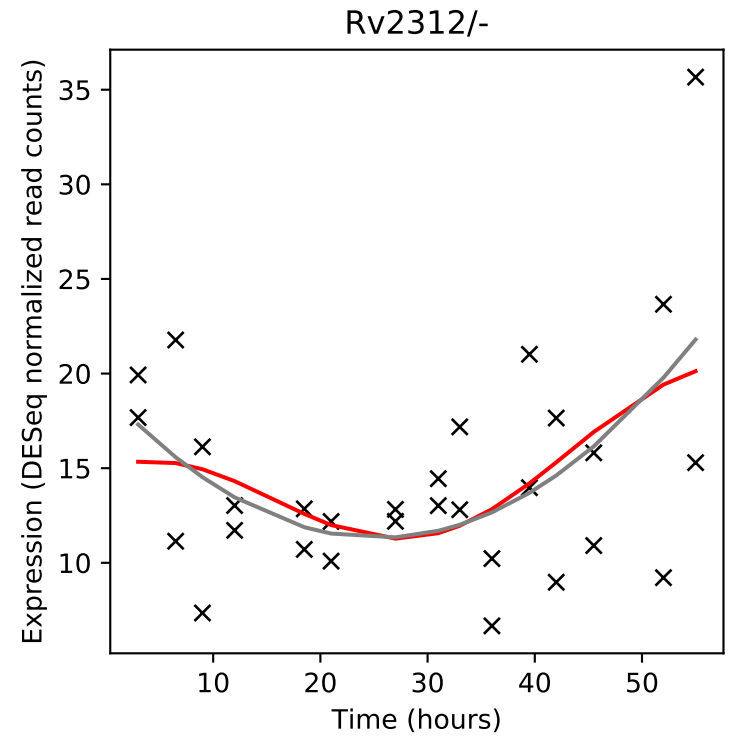

Rv2308/-
Expression (DESeq normalized read counts)
Time (hours)

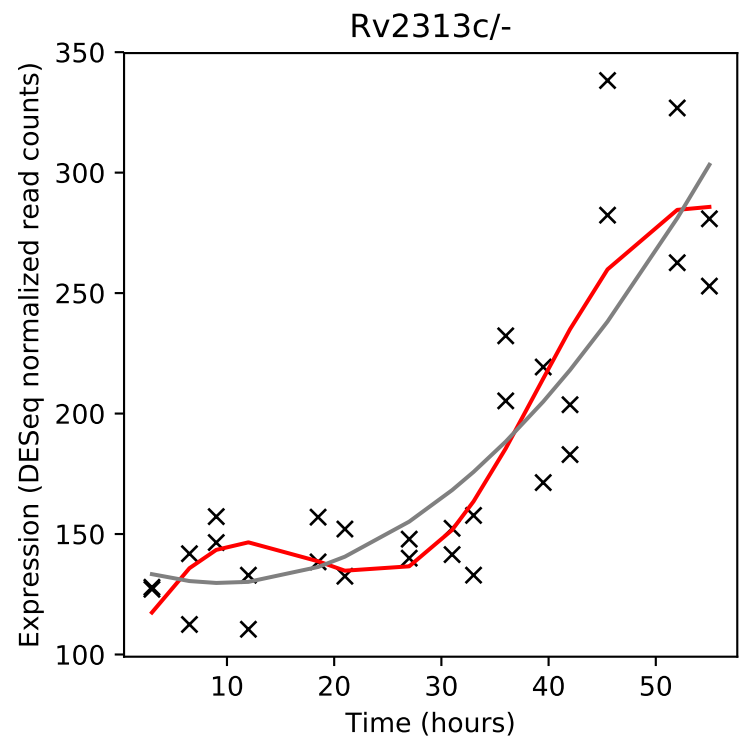

Rv2309c/-
Expression (DESeq normalized read counts)
Time (hours)

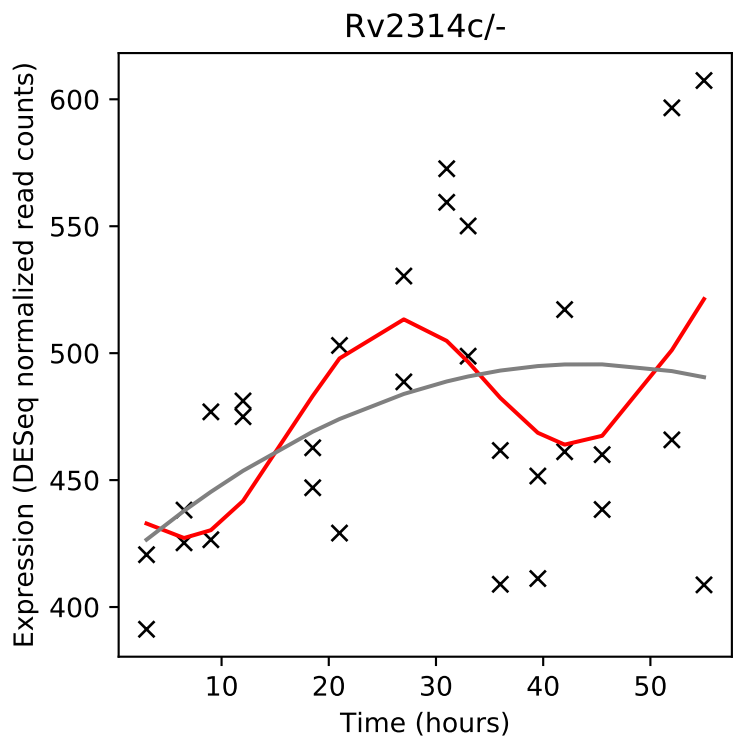

Rv2309A/-
Expression (DESeq normalized read counts)
Time (hours)

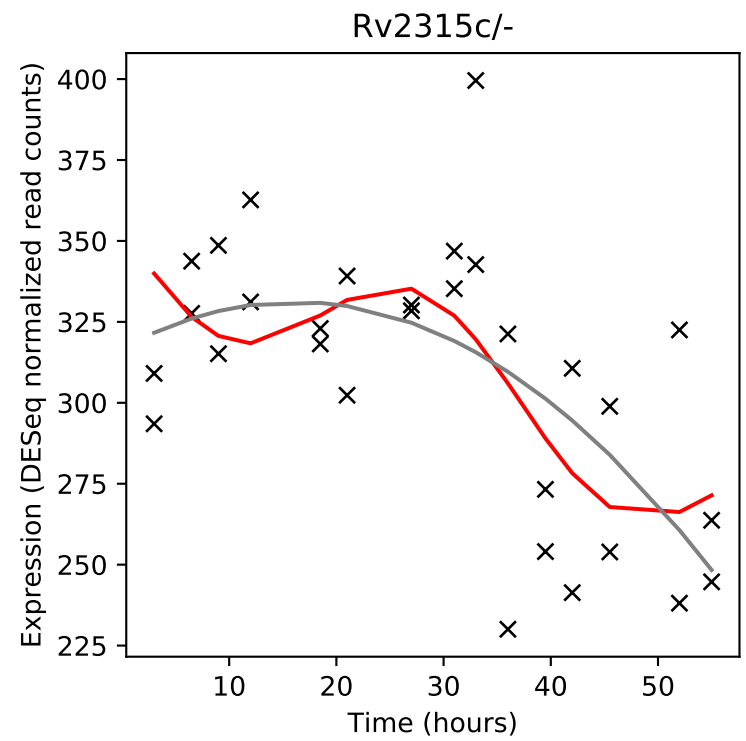

Rv2310/-
Expression (DESeq normalized read counts)
Time (hours)

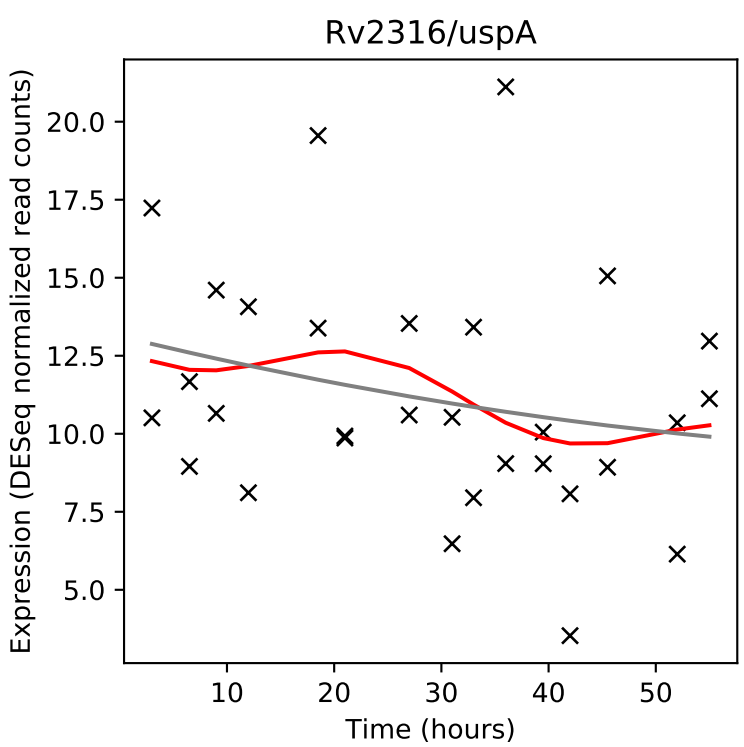

Rv2311/-
Expression (DESeq normalized read counts)
Time (hours)

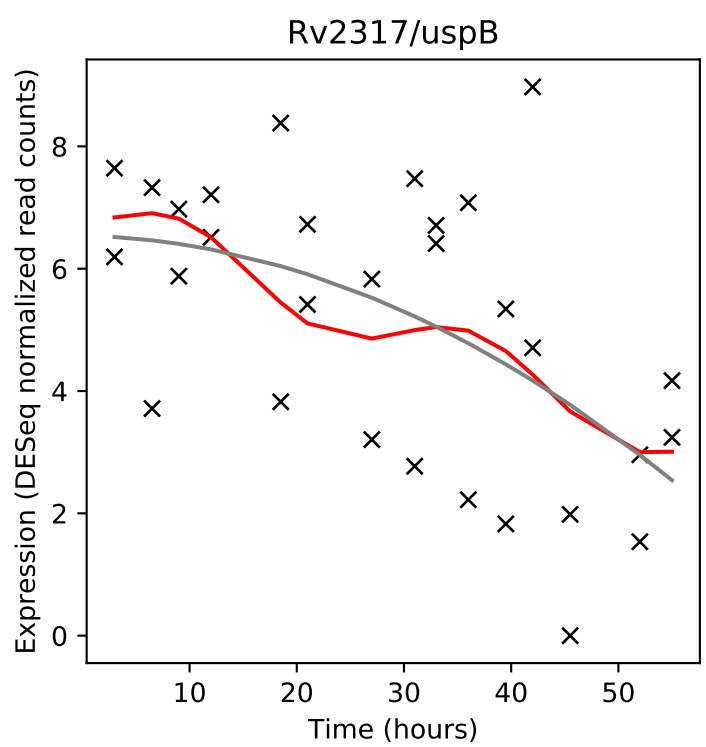

Rv2312/-
Expression (DESeq normalized read counts)
Time (hours)

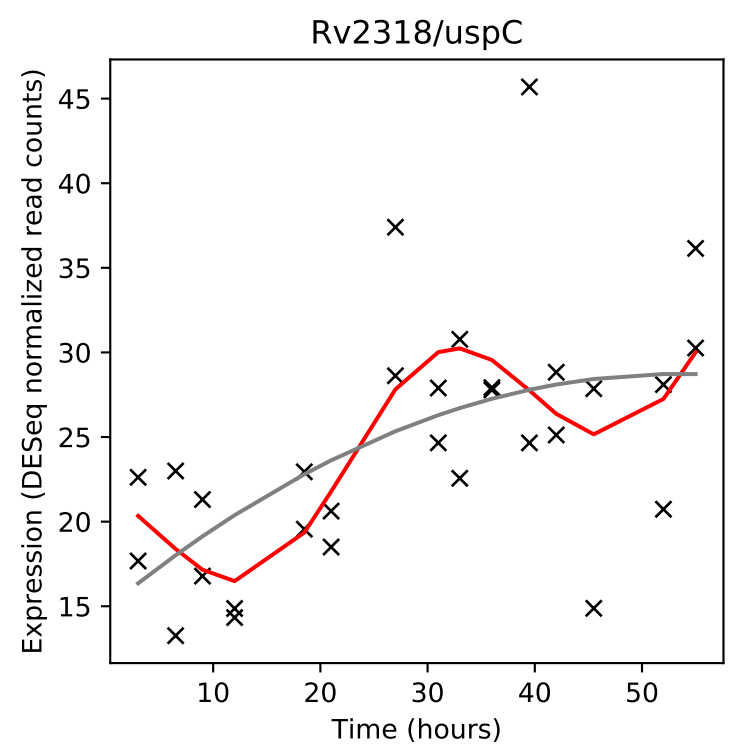

Rv2313c/-
Expression (DESeq normalized read counts)
Time (hours)

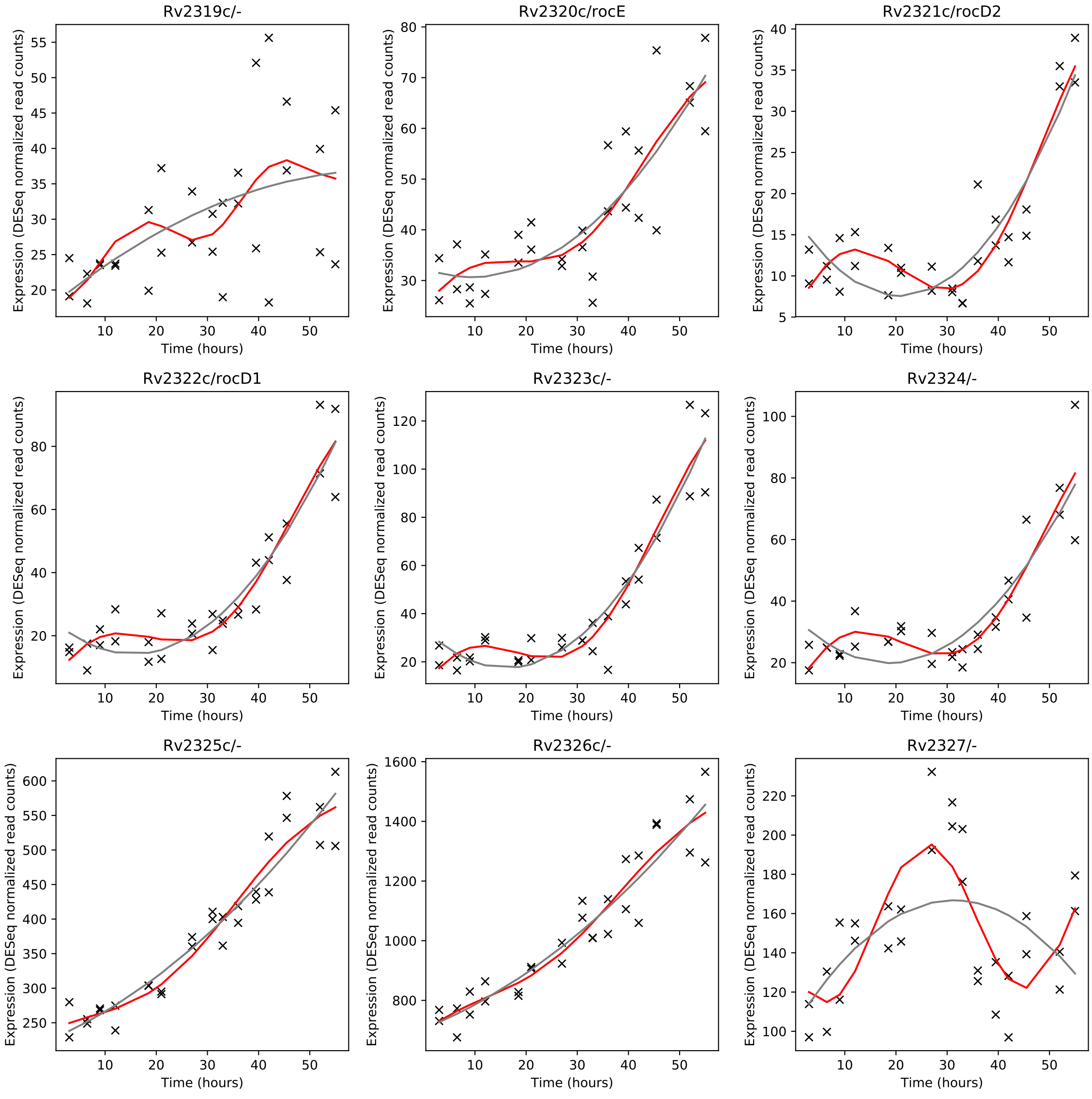

Rv2314c/-
Expression (DESeq normalized read counts)
Time (hours)

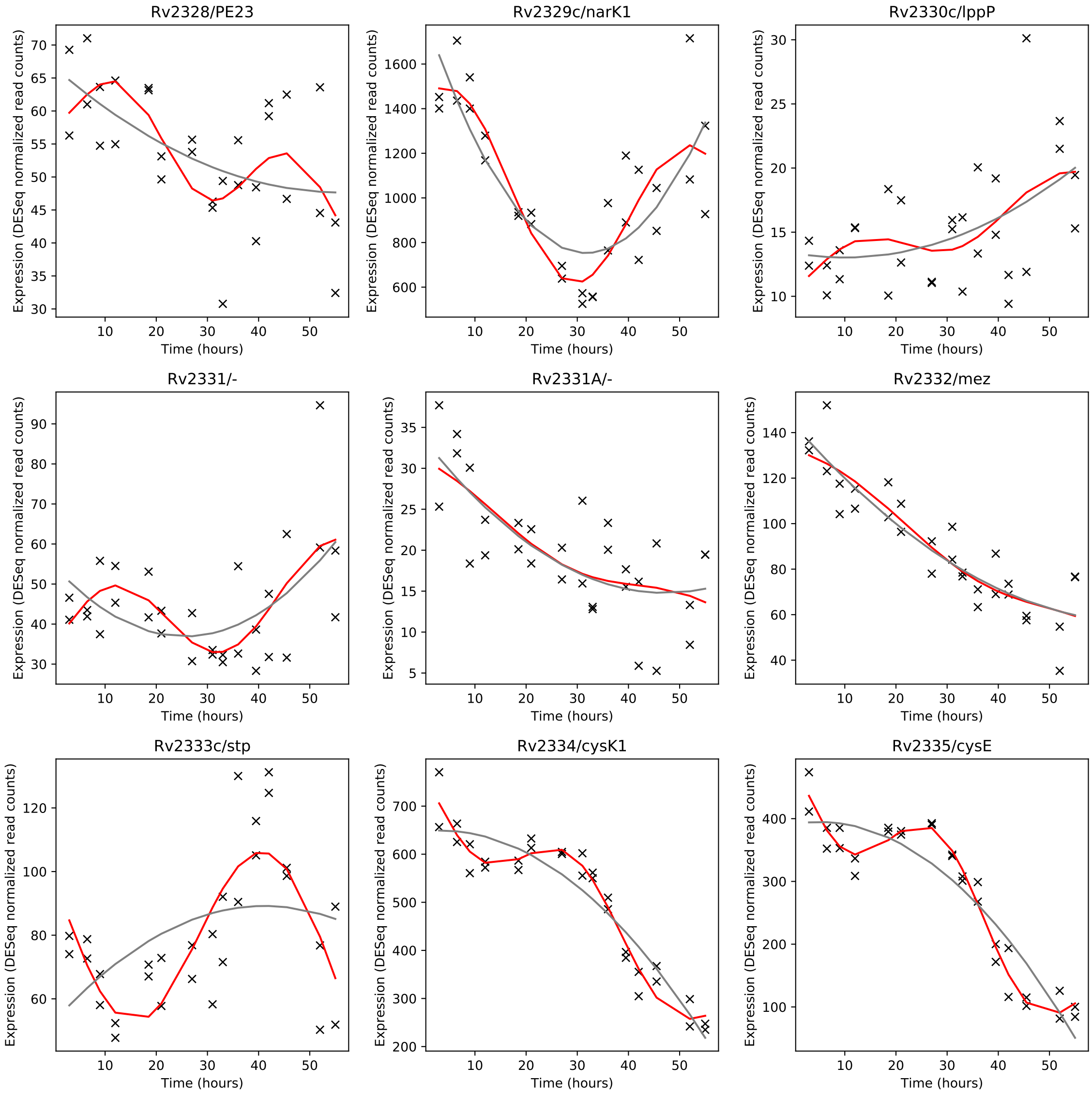

Rv2315c/-
Expression (DESeq normalized read counts)
Time (hours)

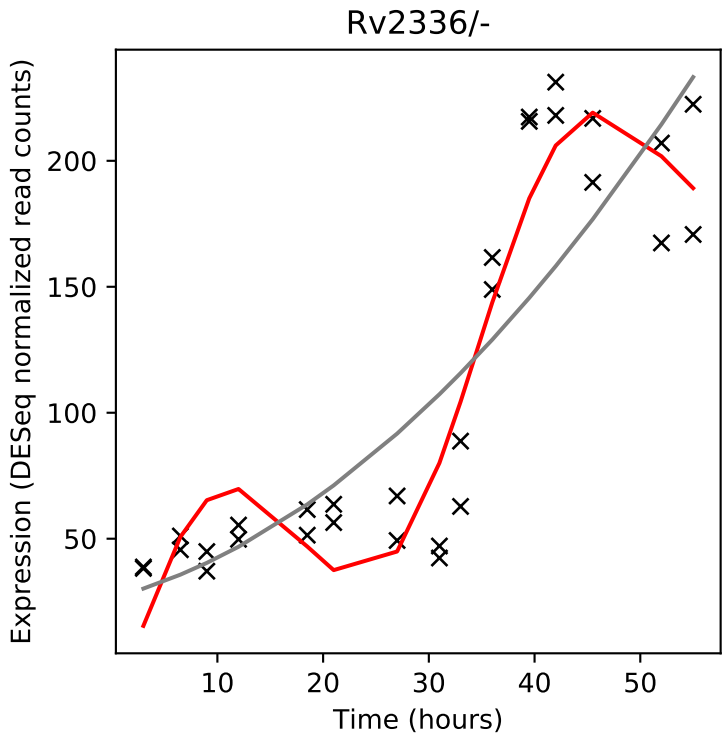

Rv2316/uspA
Expression (DESeq normalized read counts)
Time (hours)

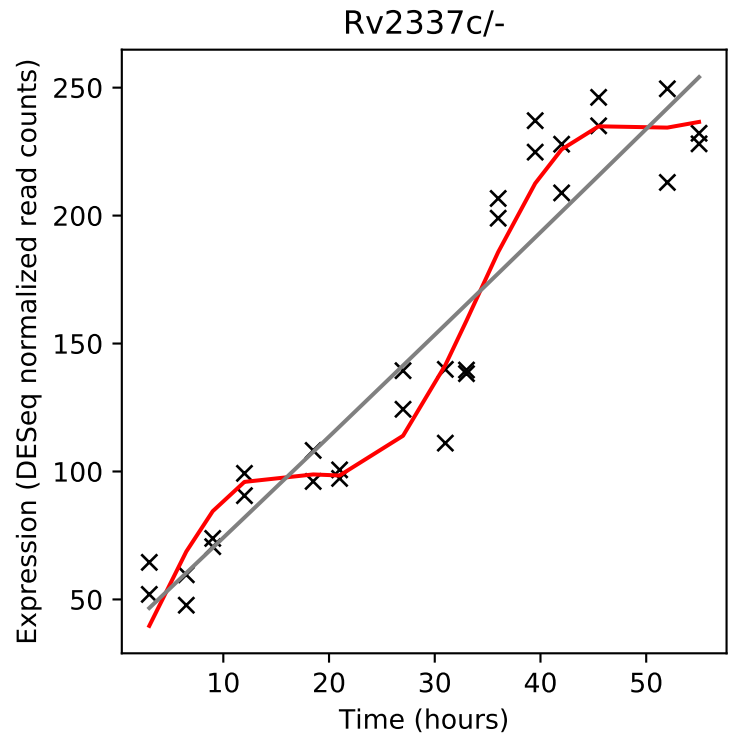

Rv2317/uspB
Expression (DESeq normalized read counts)
Time (hours)

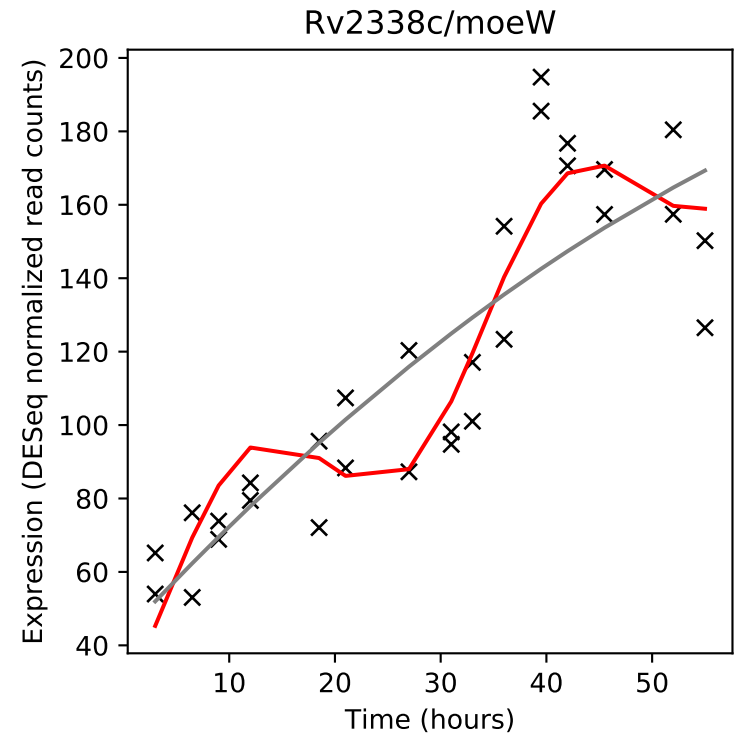

Rv2318/uspC
Expression (DESeq normalized read counts)
Time (hours)

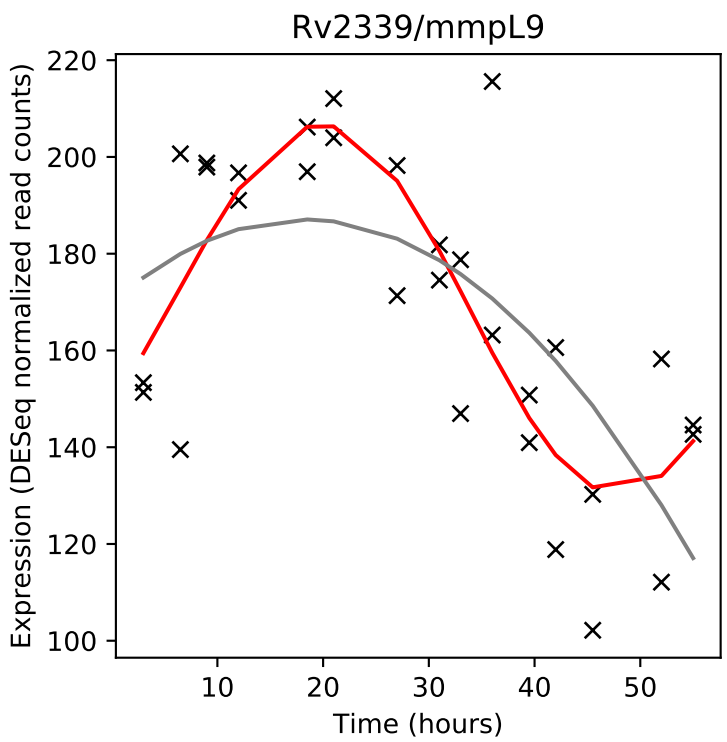

Rv2319c/-
Rv2320c/rocE
Rv2321c/rocD2
Rv2322c/rocD1
Rv2323c/-
Rv2324/-
Rv2325c/-
Rv2326c/-
Rv2327/-
Expression (DESeq normalized read counts)
Time (hours)

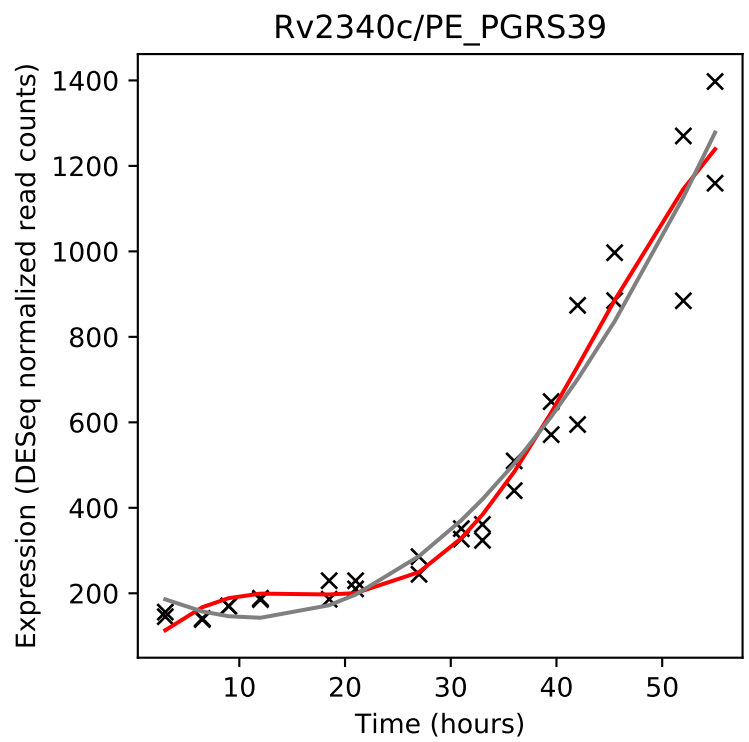

Rv2328/PE23
Rv2329c/narK1
Rv2330c/lppP
Rv2331/-
Rv2331A/-
Rv2332/mez
Rv2333c/stp
Rv2334/cysK1
Rv2335/cysE
Expression (DESeq normalized read counts)
Time (hours)

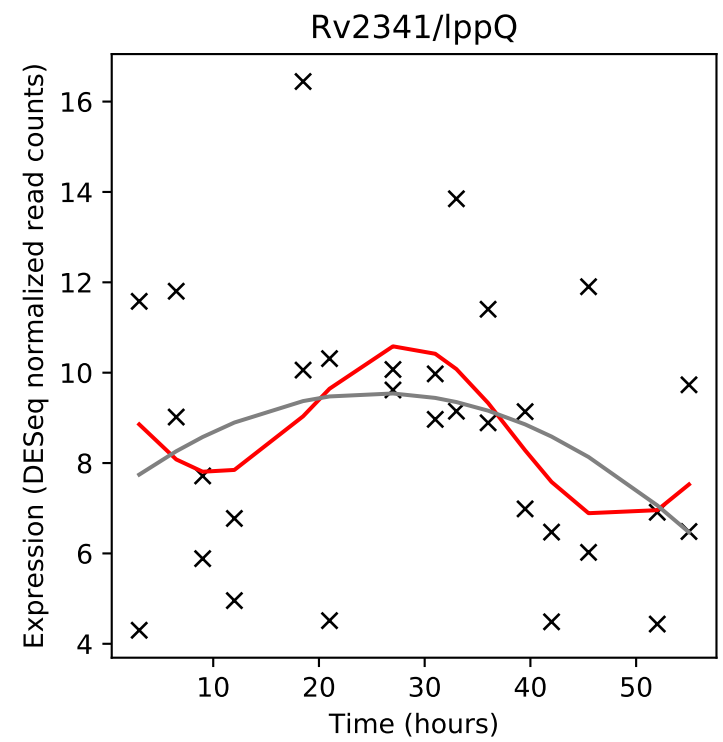

Rv2336/-
Expression (DESeq normalized read counts)
Time (hours)

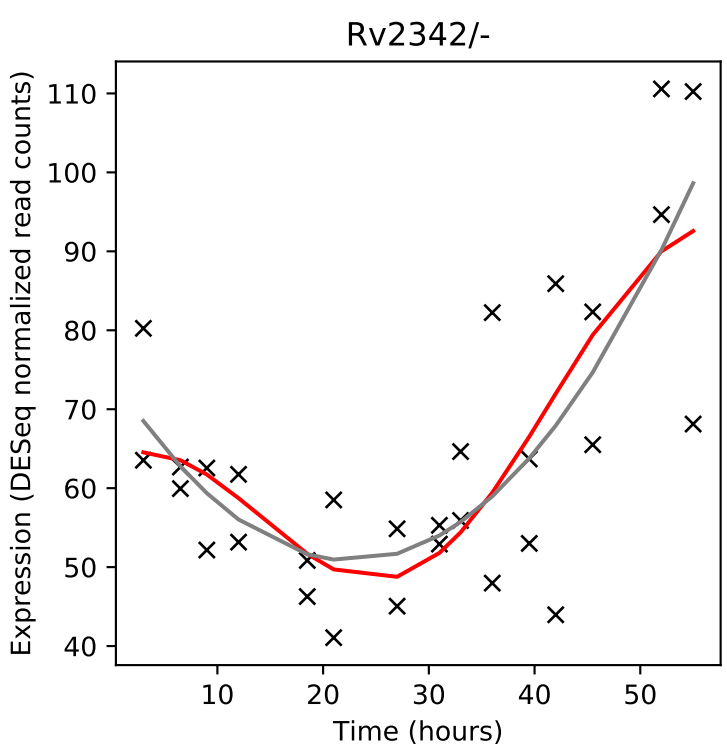

Rv2337c/-
Expression (DESeq normalized read counts)
Time (hours)

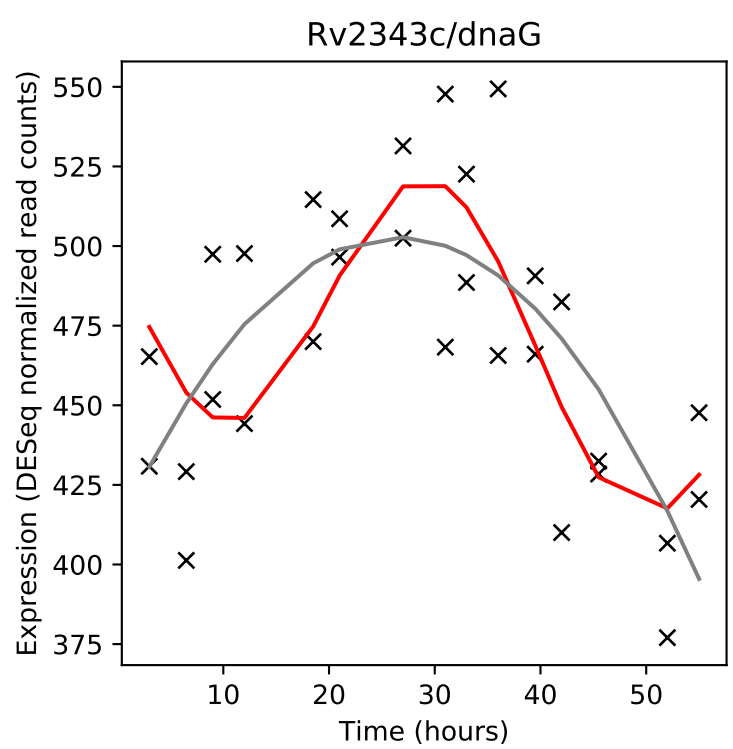

Rv2338c/moeW
Expression (DESeq normalized read counts)
Time (hours)

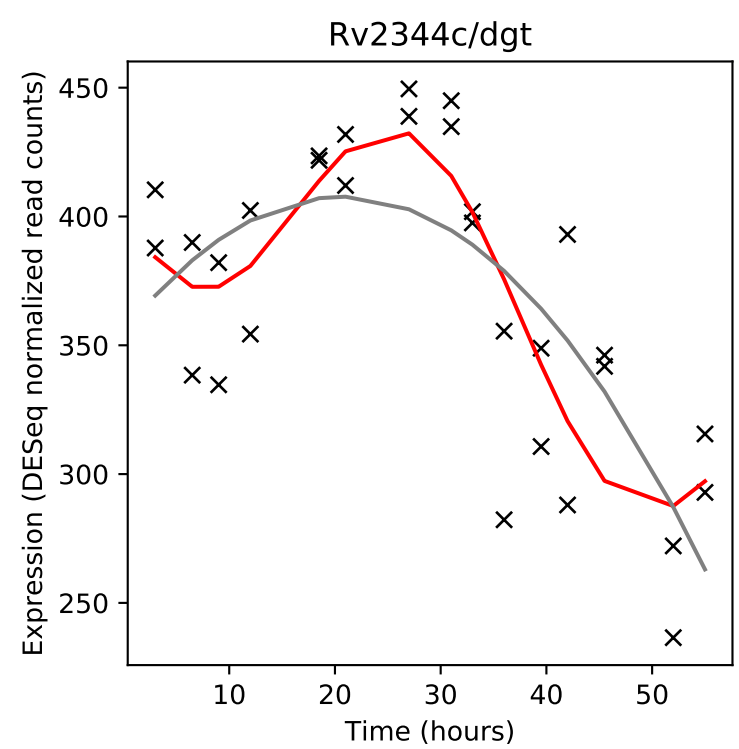

Rv2339/mmpL9
Expression (DESeq normalized read counts)
Time (hours)

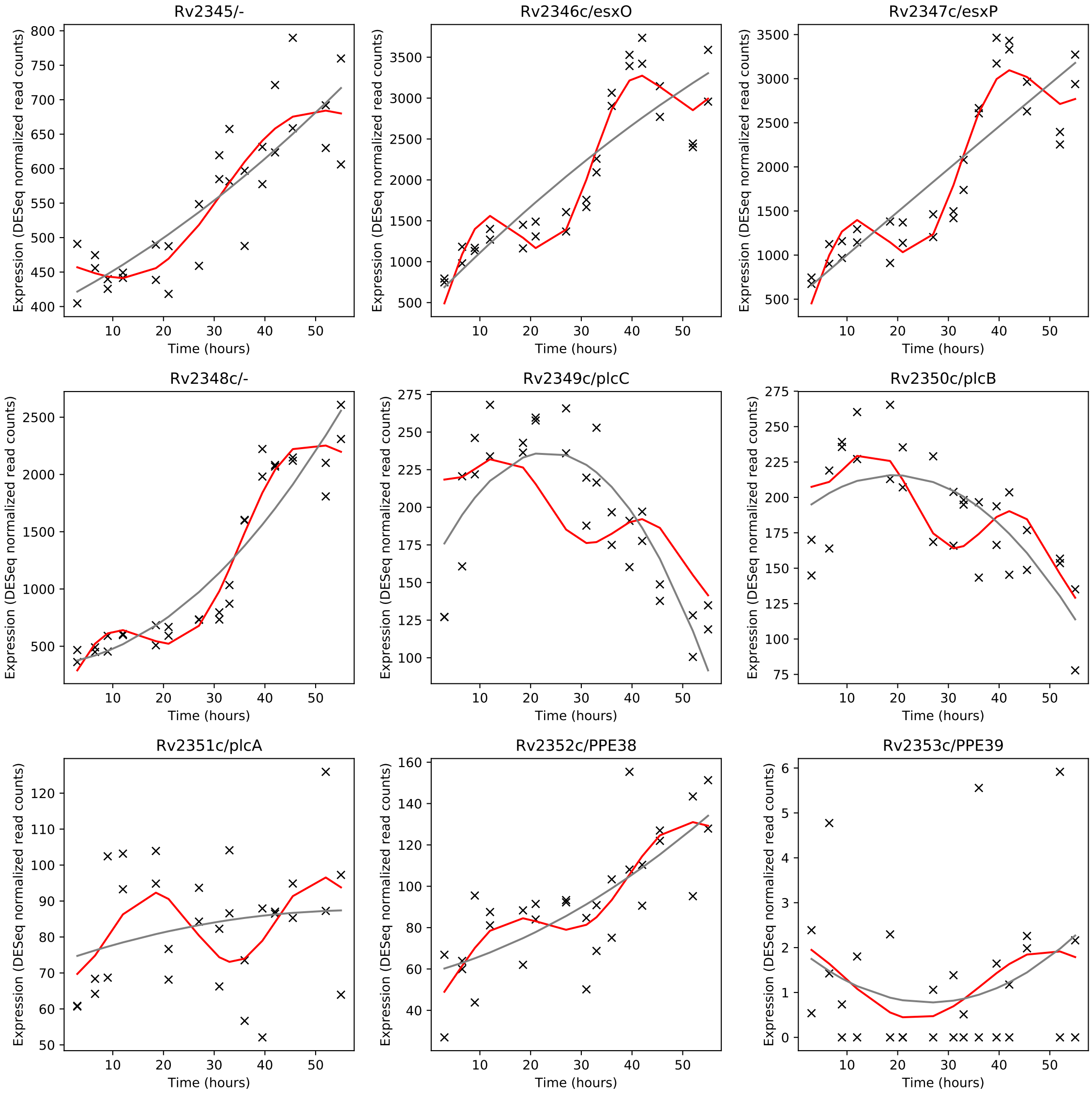

Rv2340c/PE_PGRS39
Expression (DESeq normalized read counts)
Time (hours)

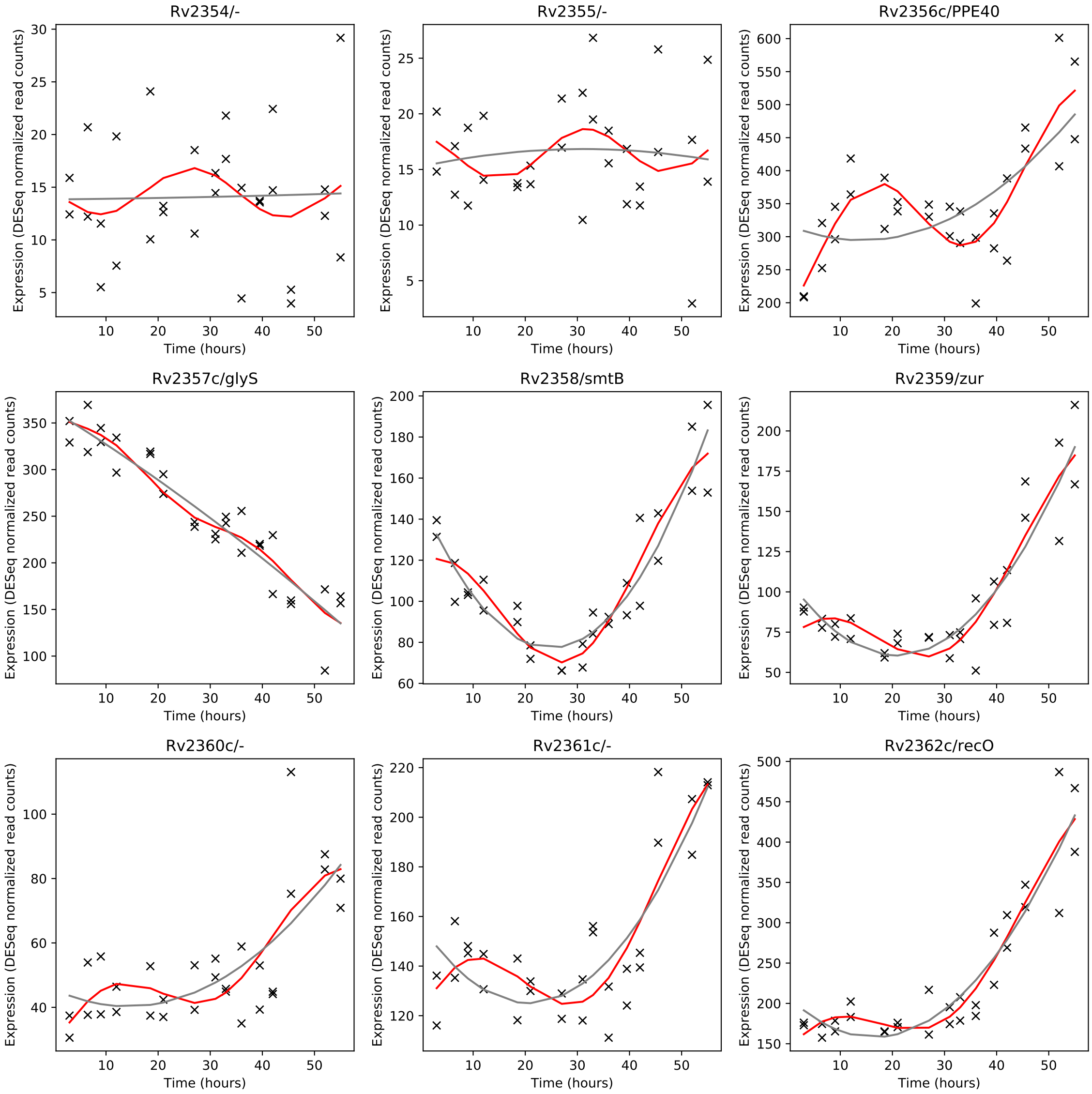

Rv2341/lppQ
Expression (DESeq normalized read counts)
Time (hours)

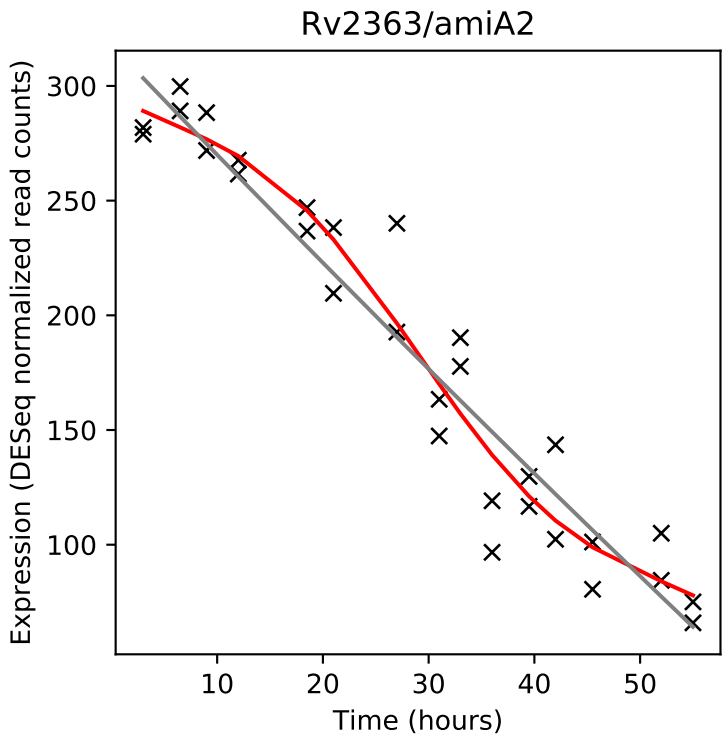

Rv2342/-
Expression (DESeq normalized read counts)
Time (hours)

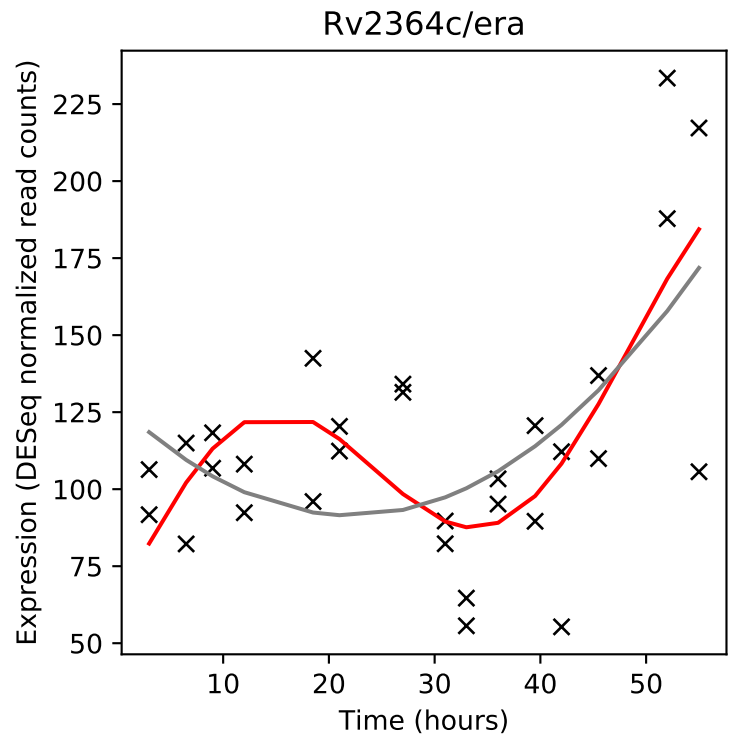

Rv2343c/dnaG
Expression (DESeq normalized read counts)
Time (hours)

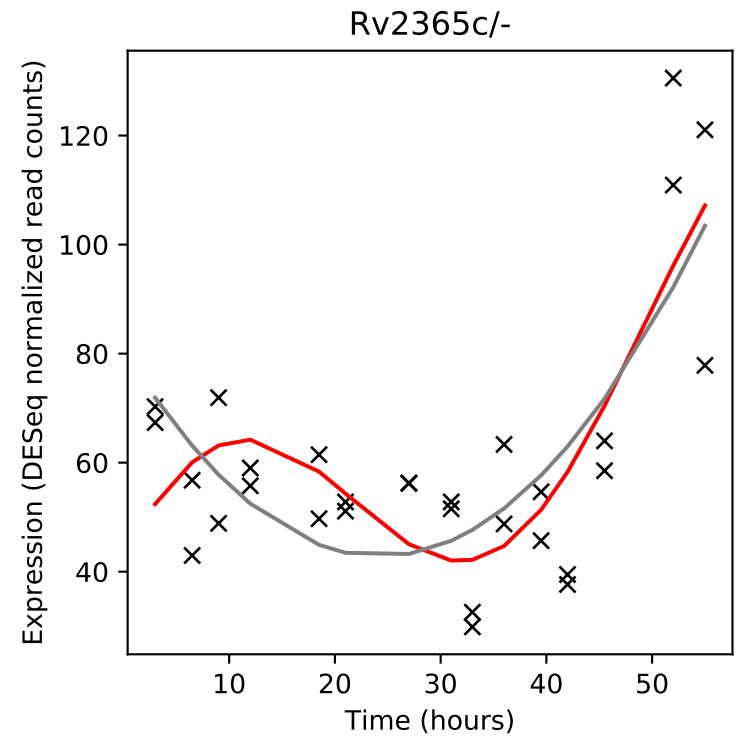

Rv2344c/dgt
Expression (DESeq normalized read counts)
Time (hours)

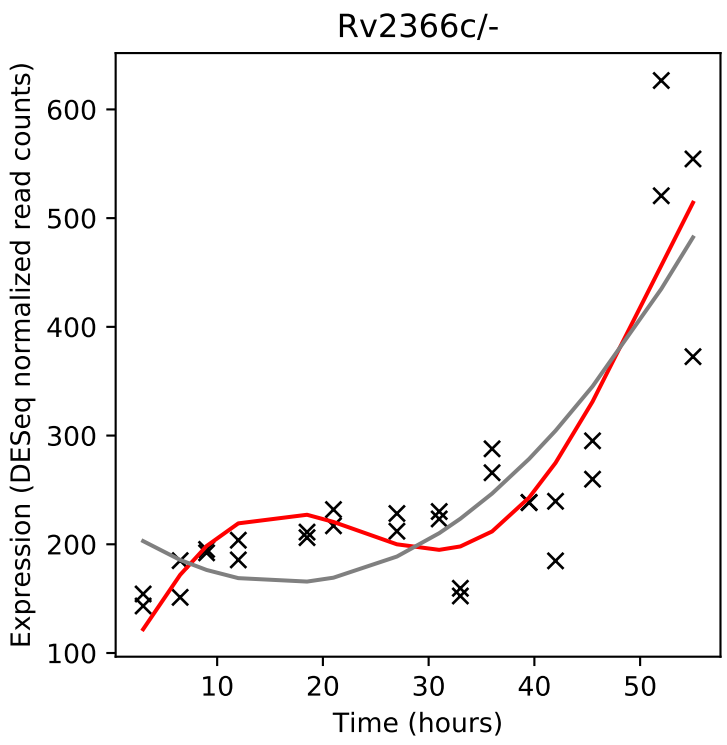

Rv2345/-
Rv2346c/esxO
Rv2347c/esxP
Rv2348c/-
Rv2349c/plcC
Rv2350c/plcB
Rv2351c/plcA
Rv2352c/PPE38
Rv2353c/PPE39
Expression (DESeq normalized read counts)
Time (hours)

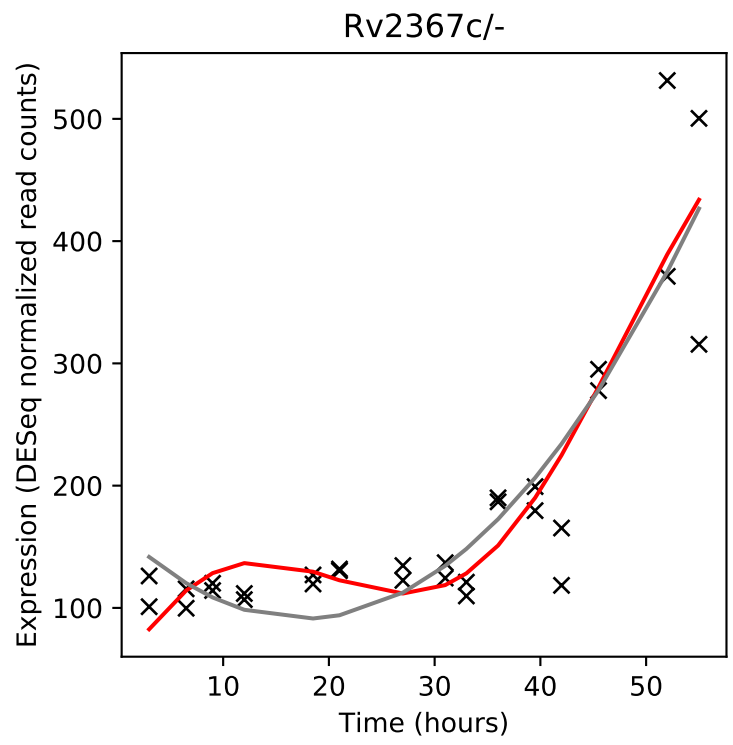

Rv2354/-
Rv2355/-
Rv2356c/PPE40
Rv2357c/glyS
Rv2358/smtB
Rv2359/zur
Rv2360c/-
Rv2361c/-
Rv2362c/recO
Expression (DESeq normalized read counts)
Time (hours)

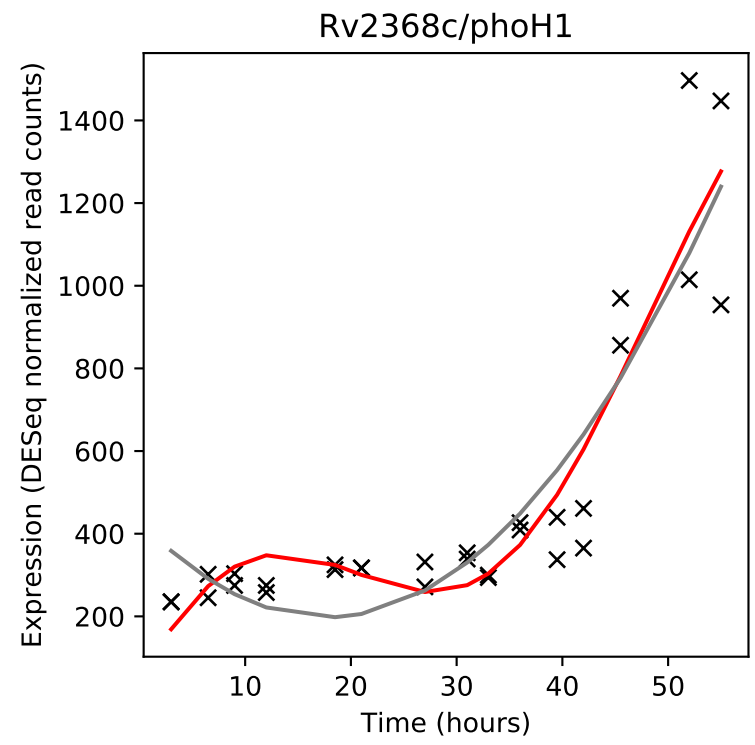

Rv2363/amiA2
Expression (DESeq normalized read counts)
Time (hours)

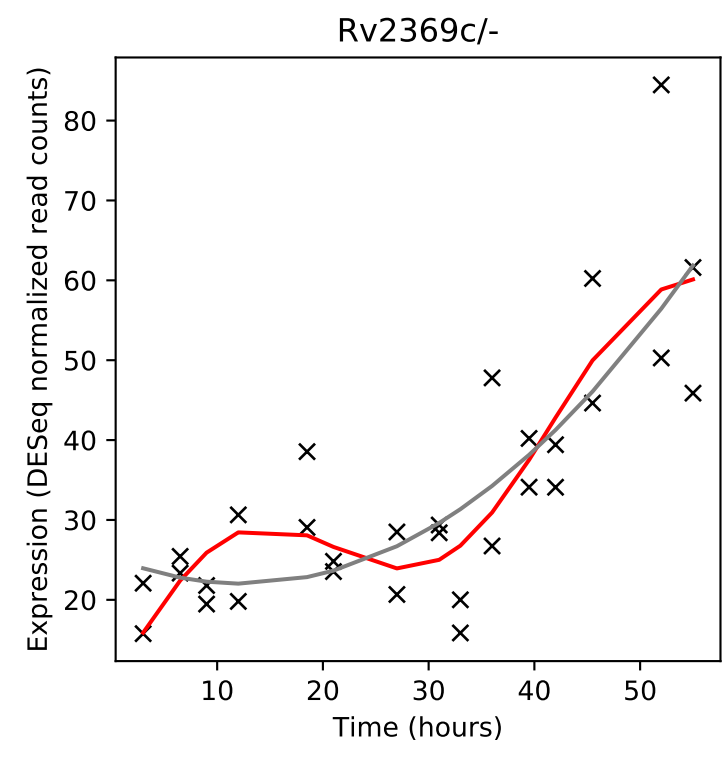

Rv2364c/era
Expression (DESeq normalized read counts)
Time (hours)

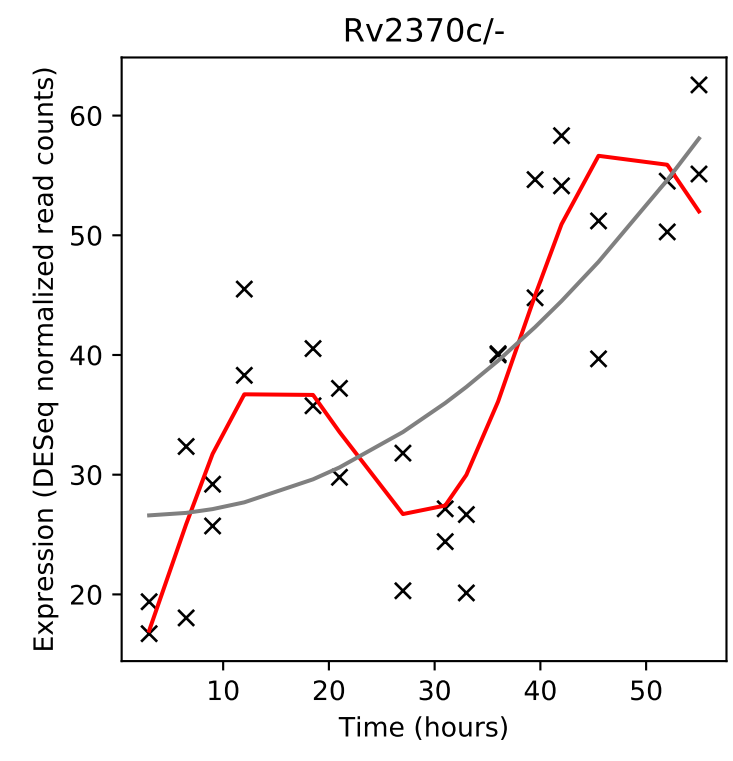

Rv2365c/-
Expression (DESeq normalized read counts)
Time (hours)

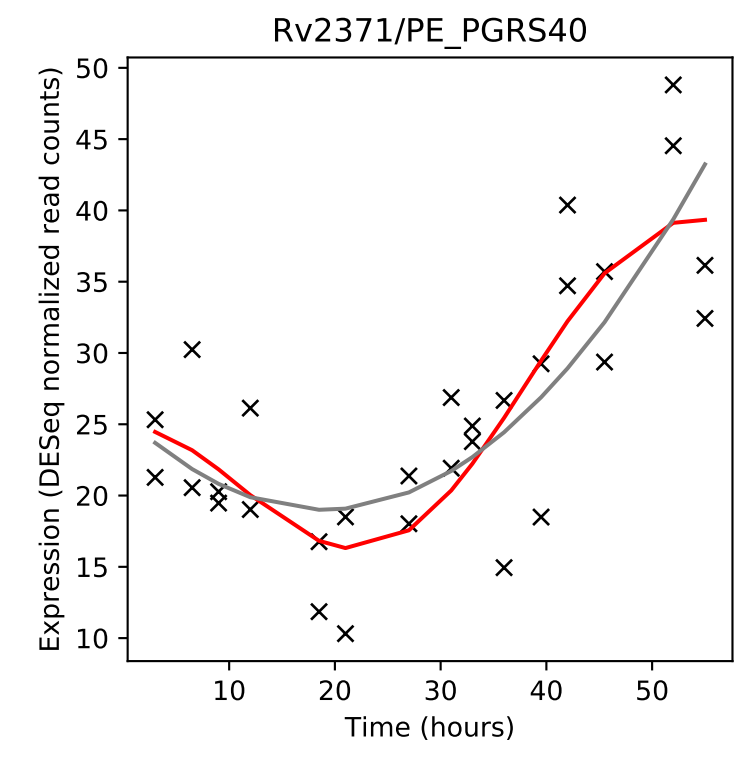

Rv2366c/-
Expression (DESeq normalized read counts)
Time (hours)

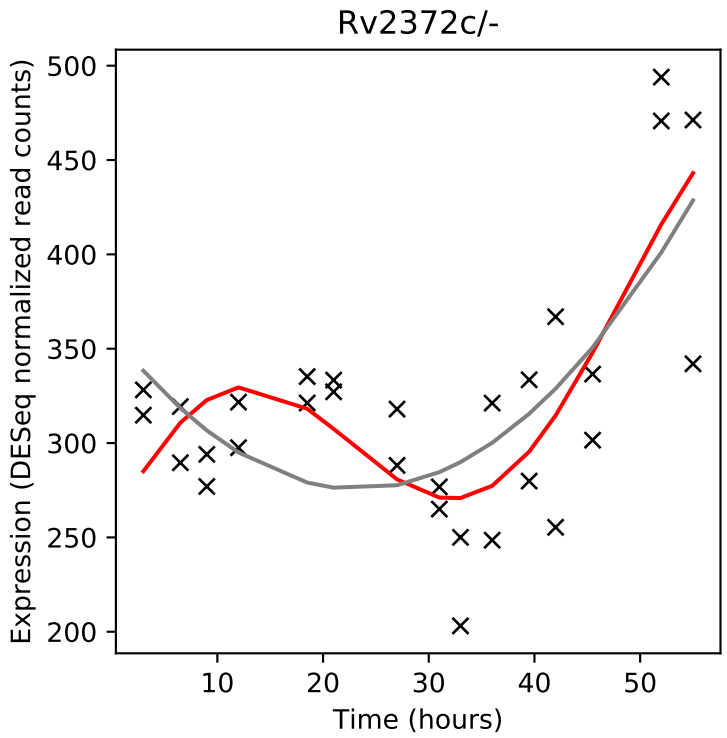

Rv2367c/-
Expression (DESeq normalized read counts)
Time (hours)

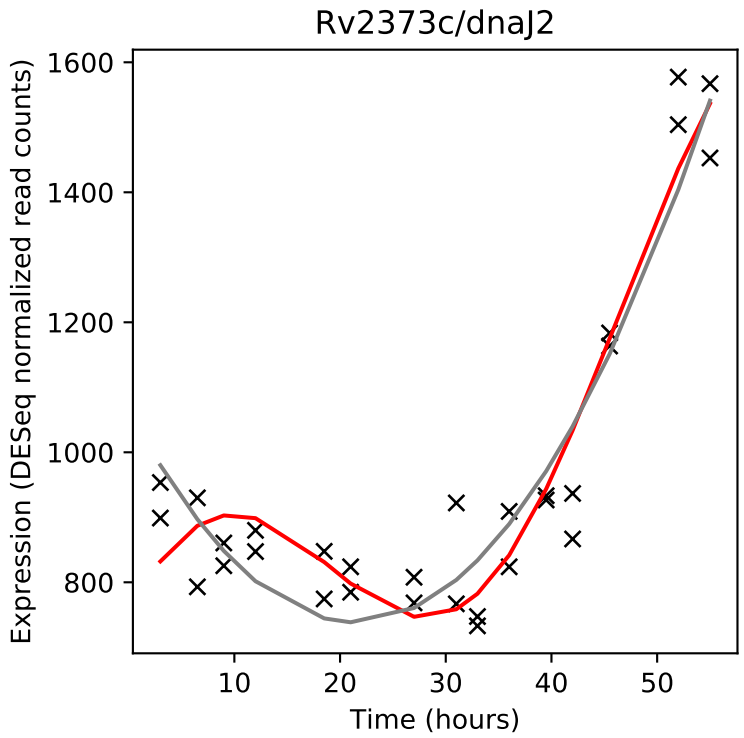

Rv2368c/phoH1
Expression (DESeq normalized read counts)
Time (hours)

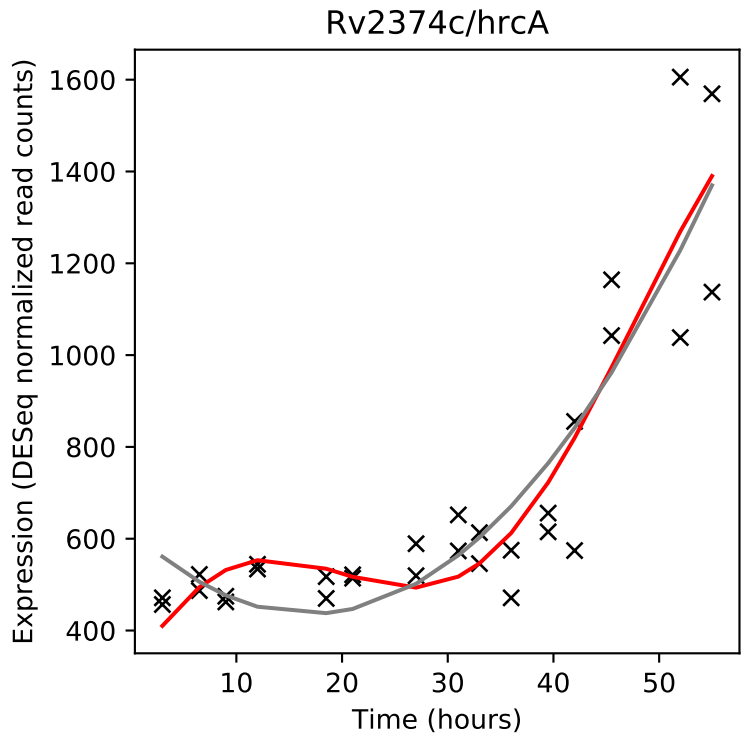

Rv2369c/-
Expression (DESeq normalized read counts)
Time (hours)

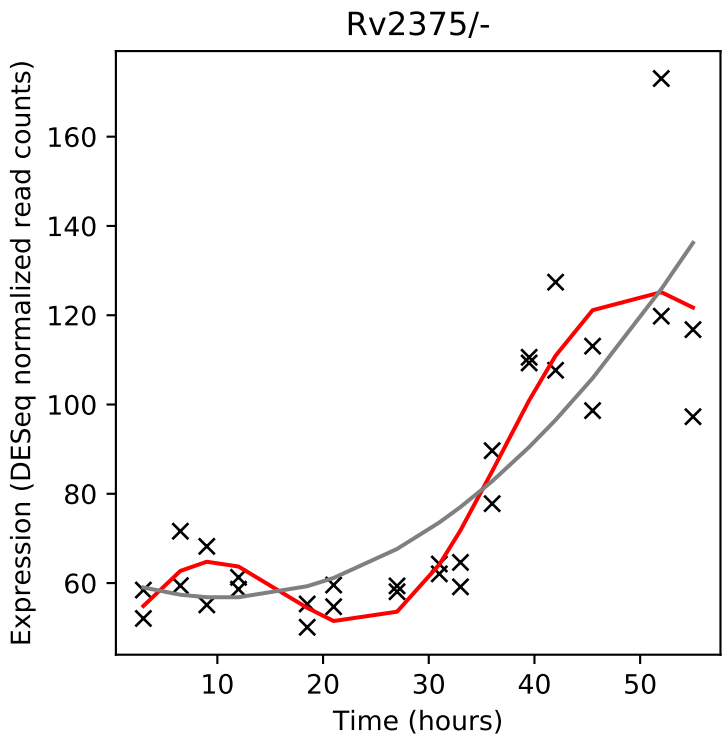

Rv2370c/-
Expression (DESeq normalized read counts)
Time (hours)

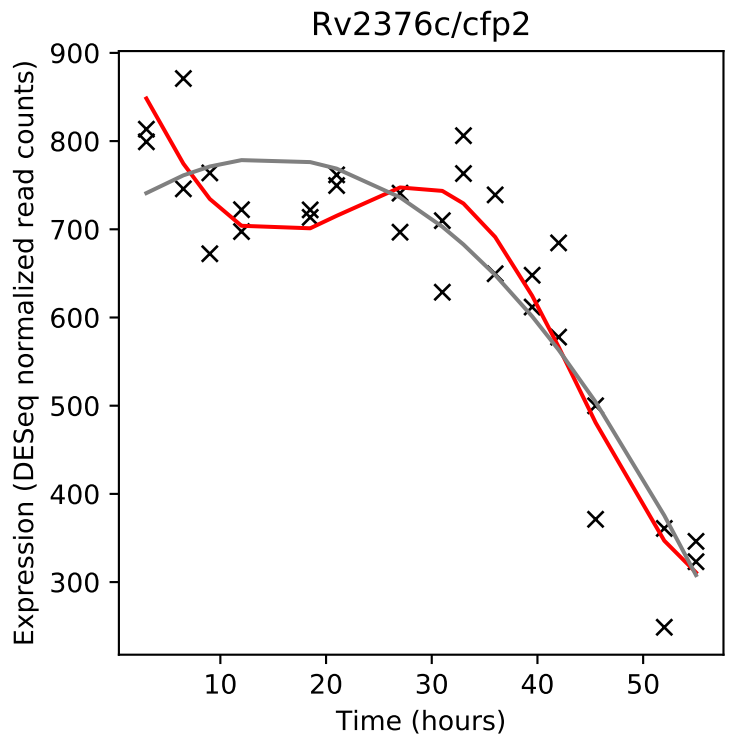

Rv2371/PE_PGRS40
Expression (DESeq normalized read counts)
Time (hours)

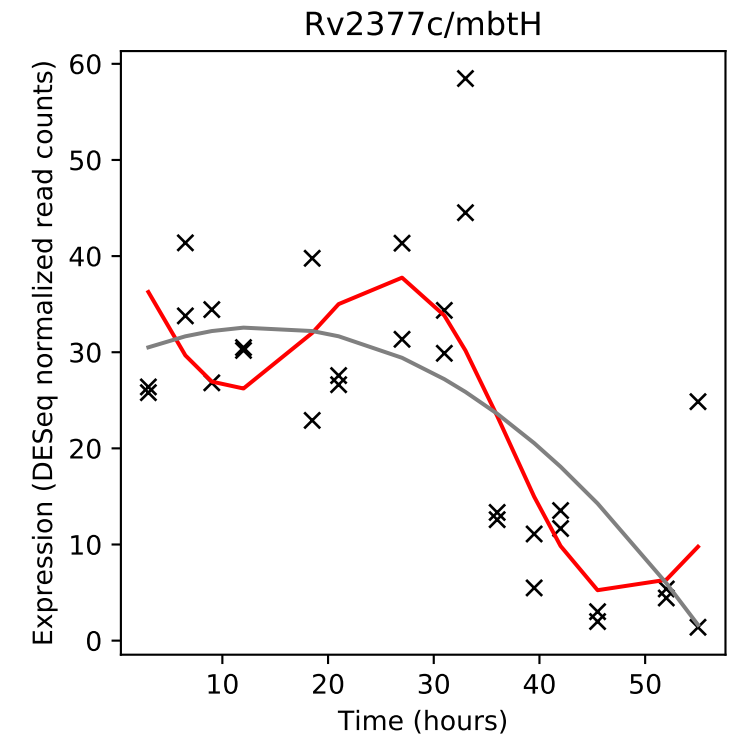

Rv2372c/-
Expression (DESeq normalized read counts)
Time (hours)

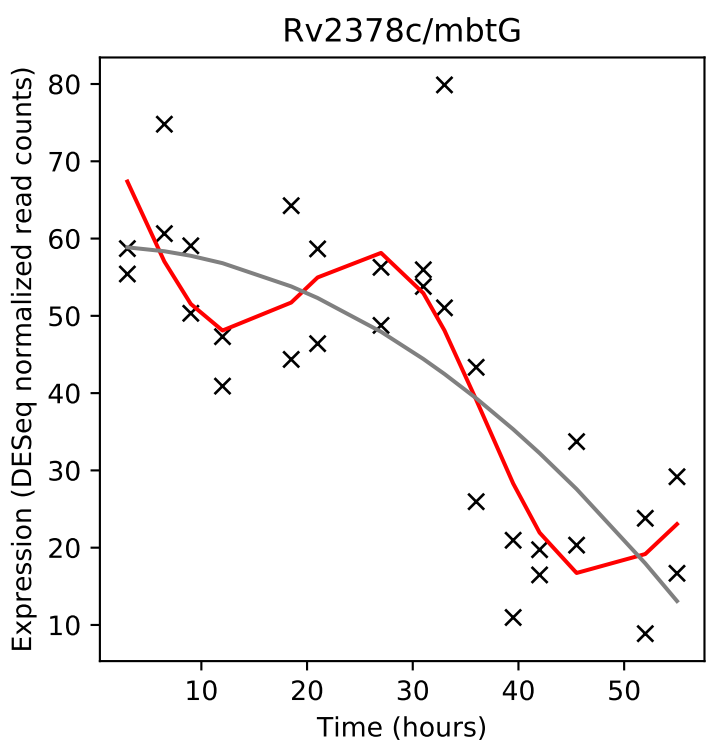

Rv2373c/dnaJ2
Expression (DESeq normalized read counts)
Time (hours)

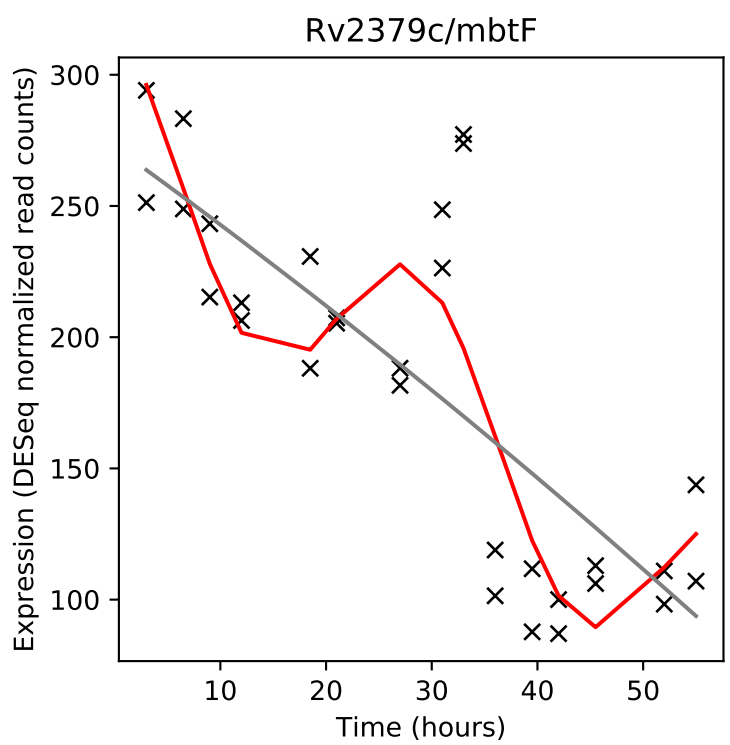

Rv2374c/hrcA
Expression (DESeq normalized read counts)
Time (hours)

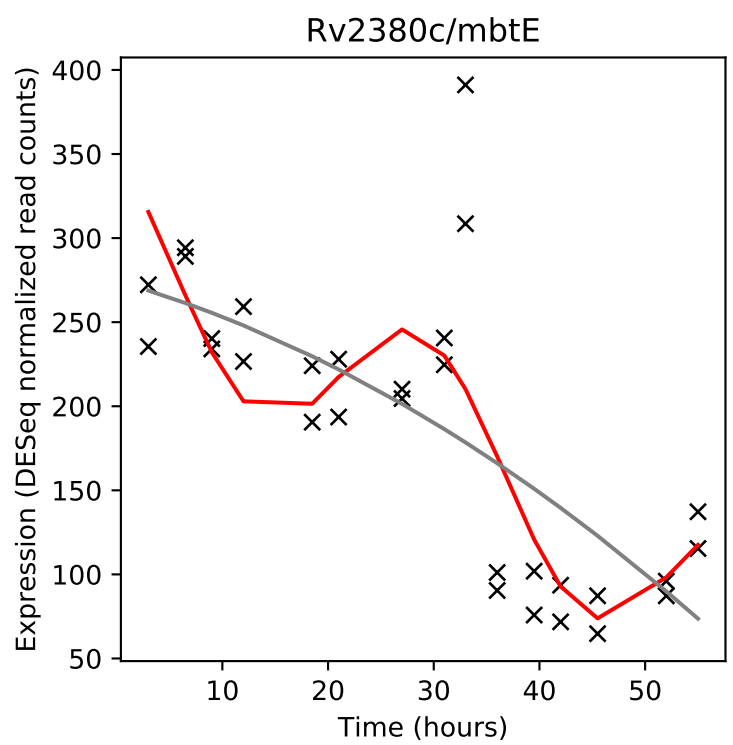

Rv2375/-
Expression (DESeq normalized read counts)
Time (hours)

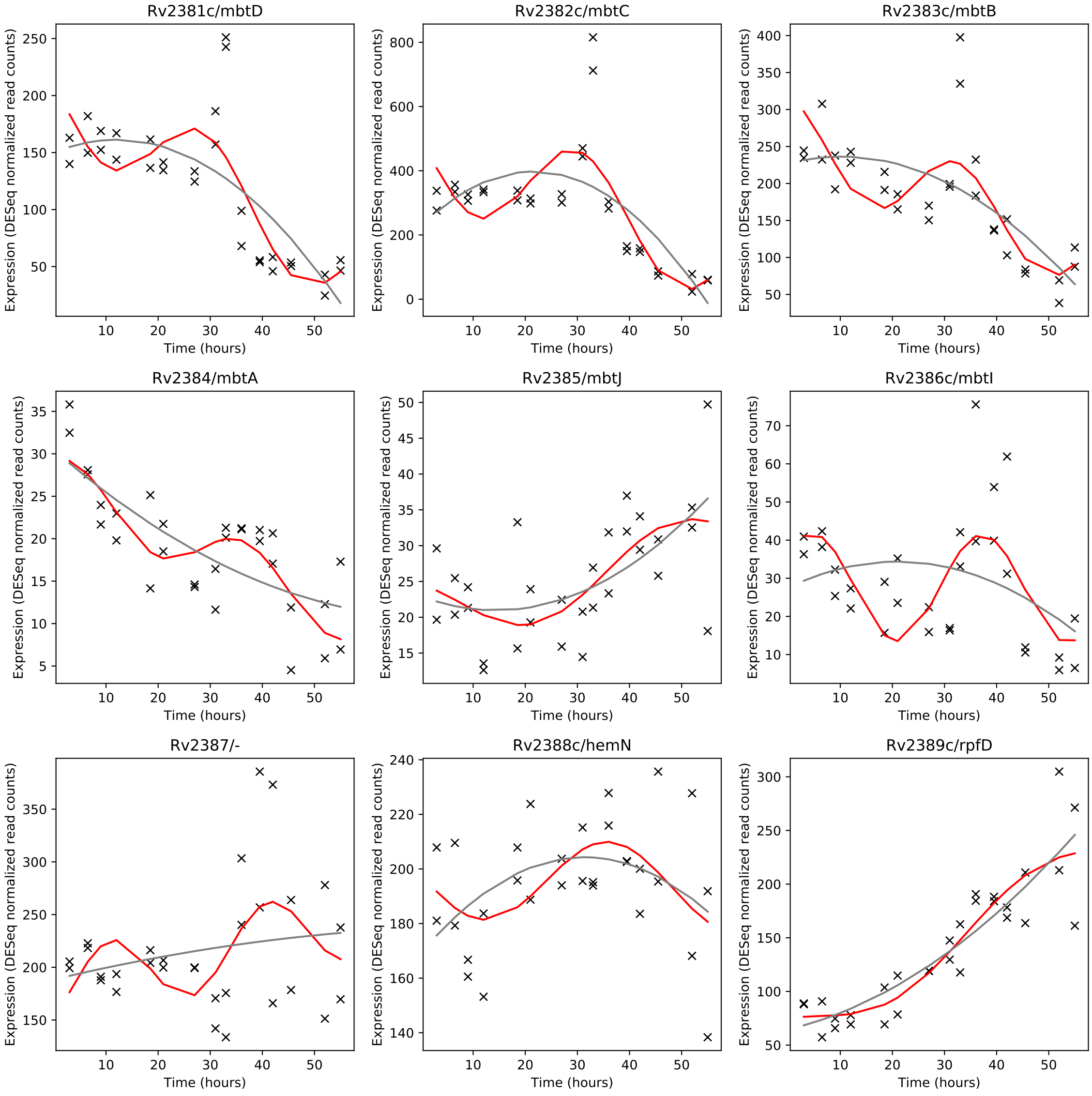

Rv2376c/cfp2
Expression (DESeq normalized read counts)
Time (hours)

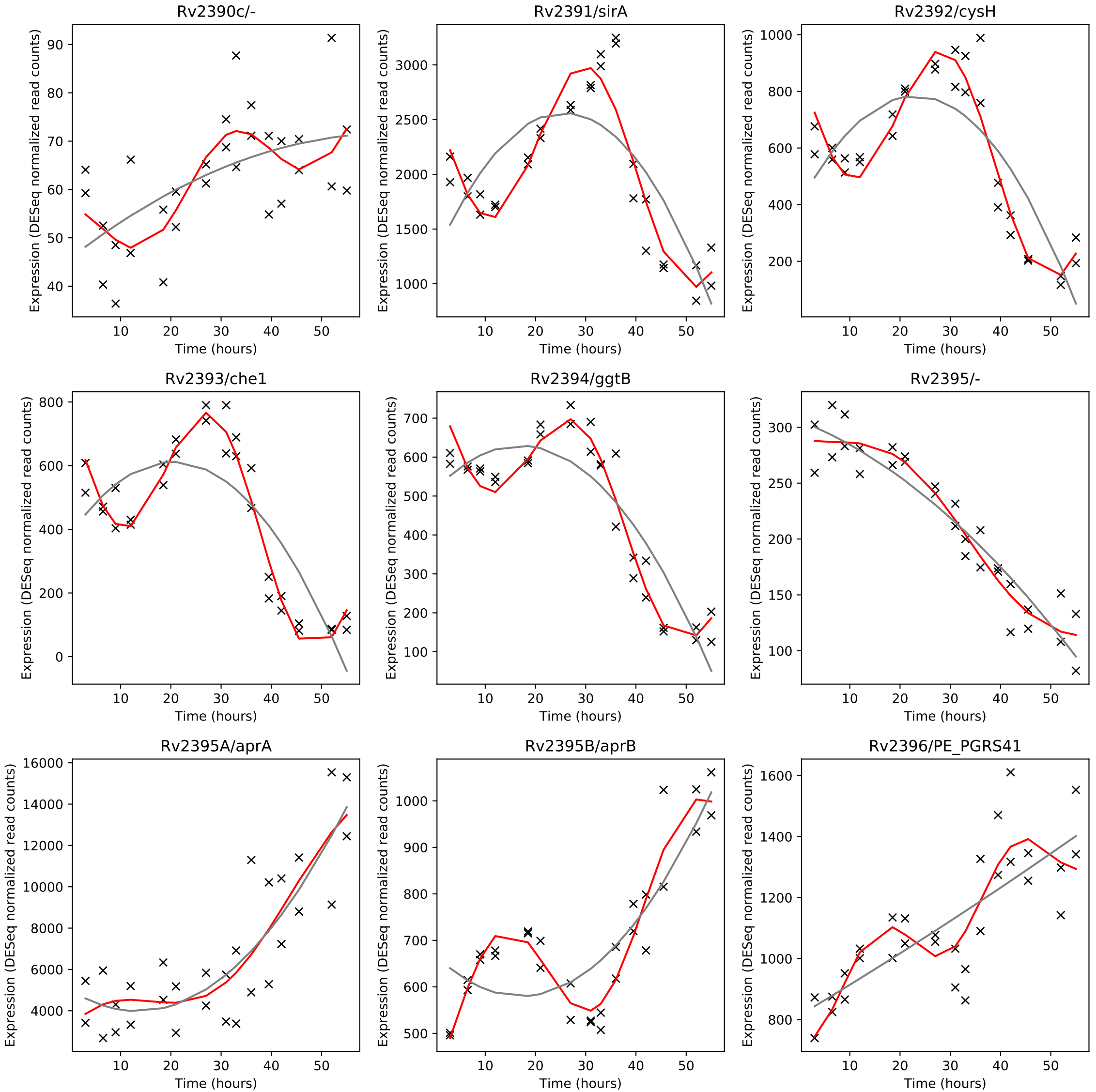

Rv2377c/mbtH
Expression (DESeq normalized read counts)
Time (hours)

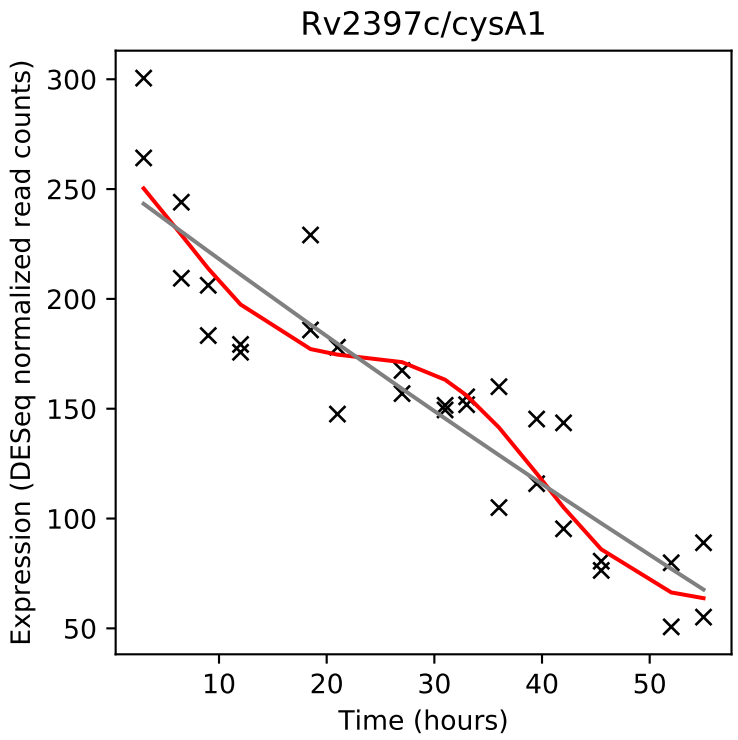

Rv2378c/mbtG
Expression (DESeq normalized read counts)
Time (hours)

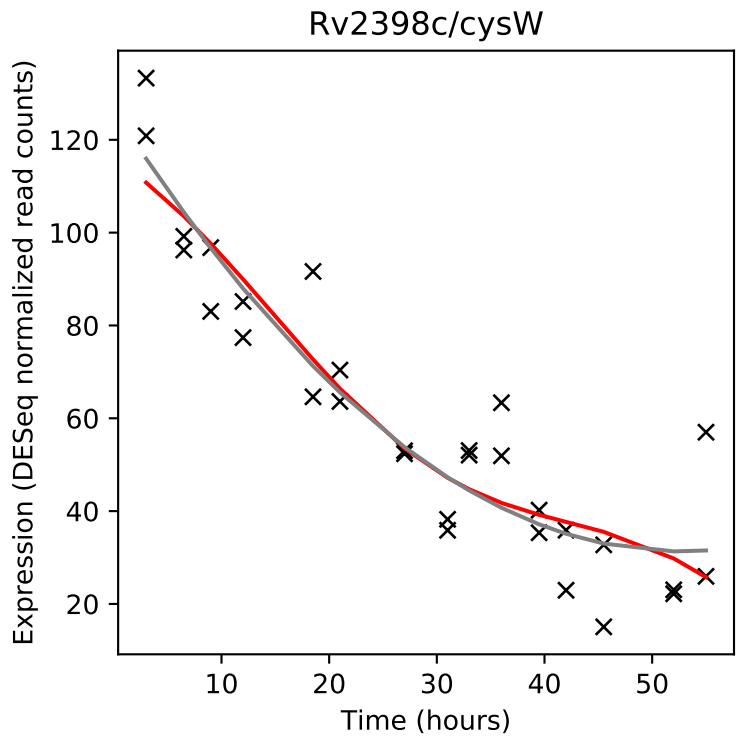

Rv2379c/mbtF
Expression (DESeq normalized read counts)
Time (hours)

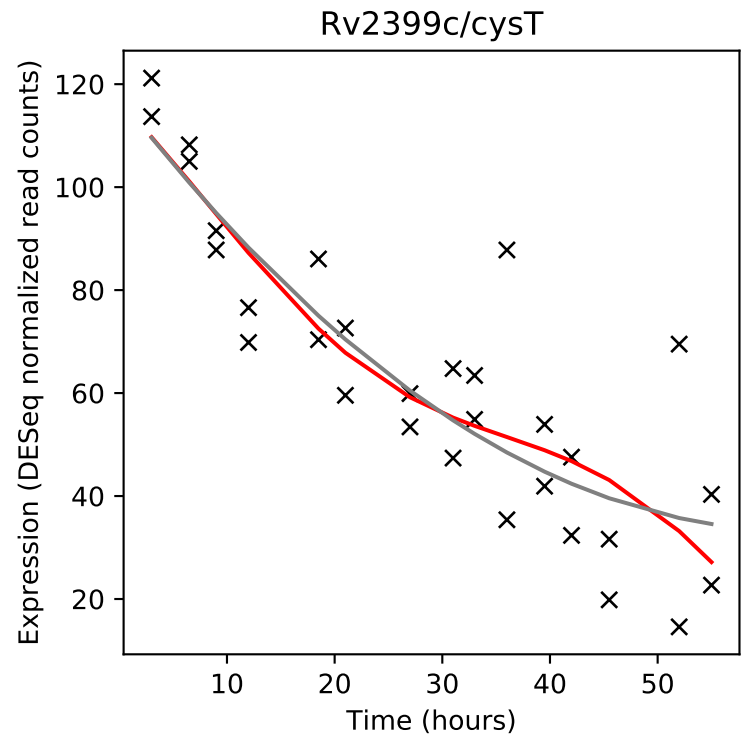

Rv2380c/mbtE
Expression (DESeq normalized read counts)
Time (hours)

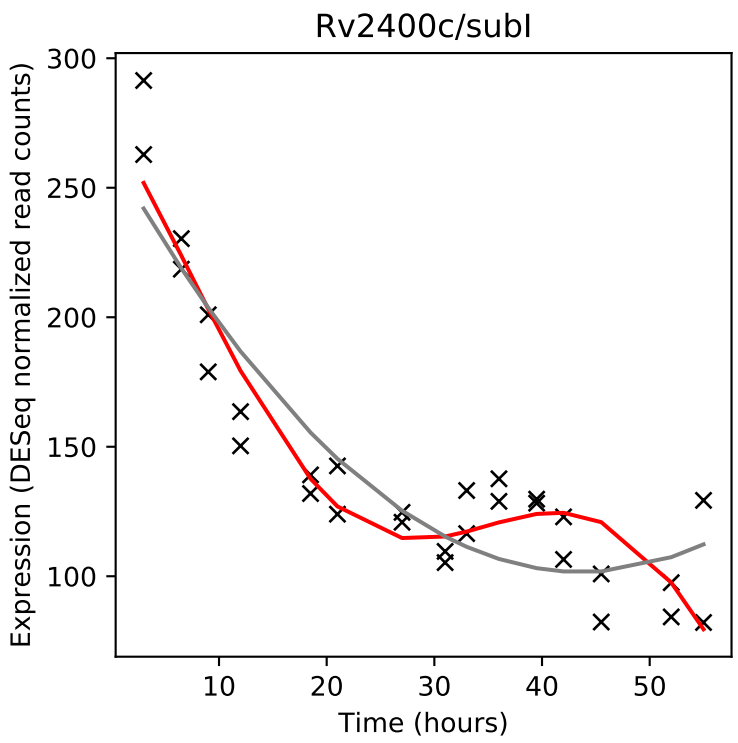

Rv2381c/mbtD
Rv2382c/mbtC
Rv2383c/mbtB
Rv2384/mbtA
Rv2385/mbtJ
Rv2386c/mbtI
Rv2387/-
Rv2388c/hemN
Rv2389c/rpfD
Expression (DESeq normalized read counts)
Time (hours)

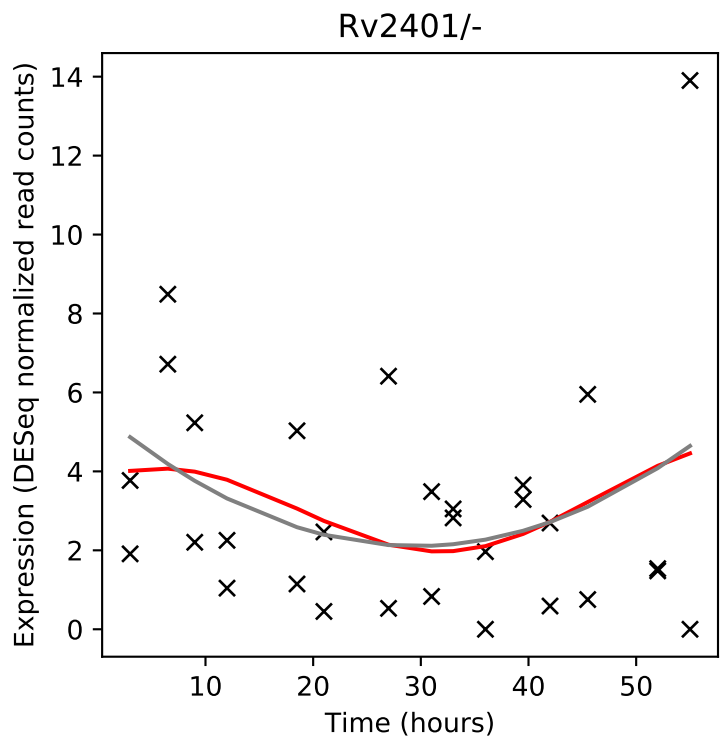

Rv2390c/-
Rv2391/sirA
Rv2392/cysH
Rv2393/che1
Rv2394/ggtB
Rv2395/-
Rv2395A/aprA
Rv2395B/aprB
Rv2396/PE_PGRS41
Expression (DESeq normalized read counts)
Time (hours)

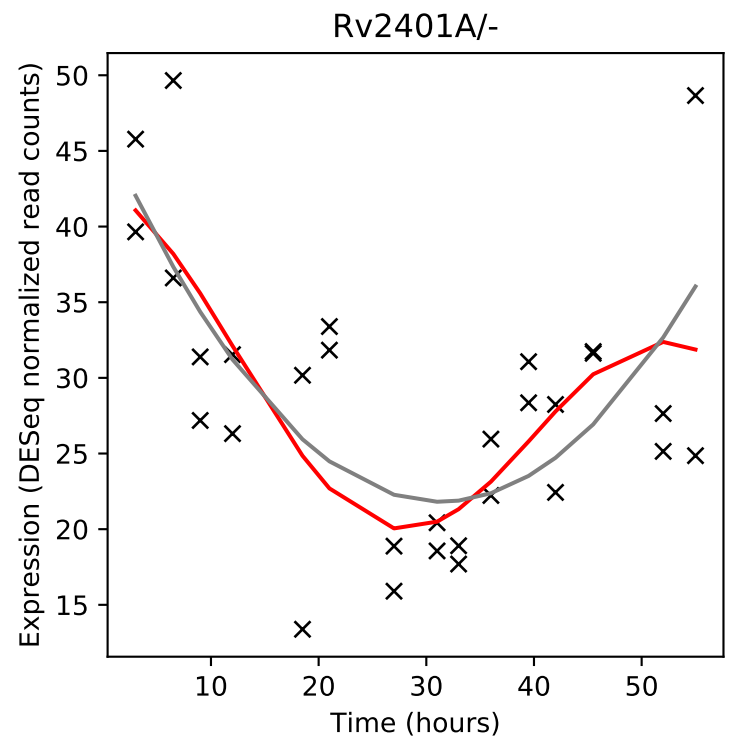

Rv2397c/cysA1
Expression (DESeq normalized read counts)
Time (hours)

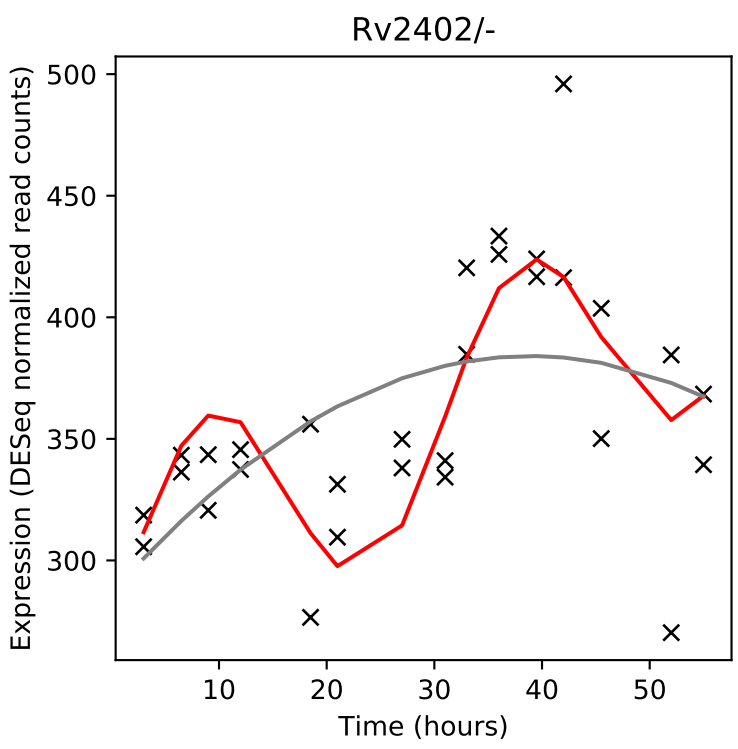

Rv2398c/cysW
Expression (DESeq normalized read counts)
Time (hours)

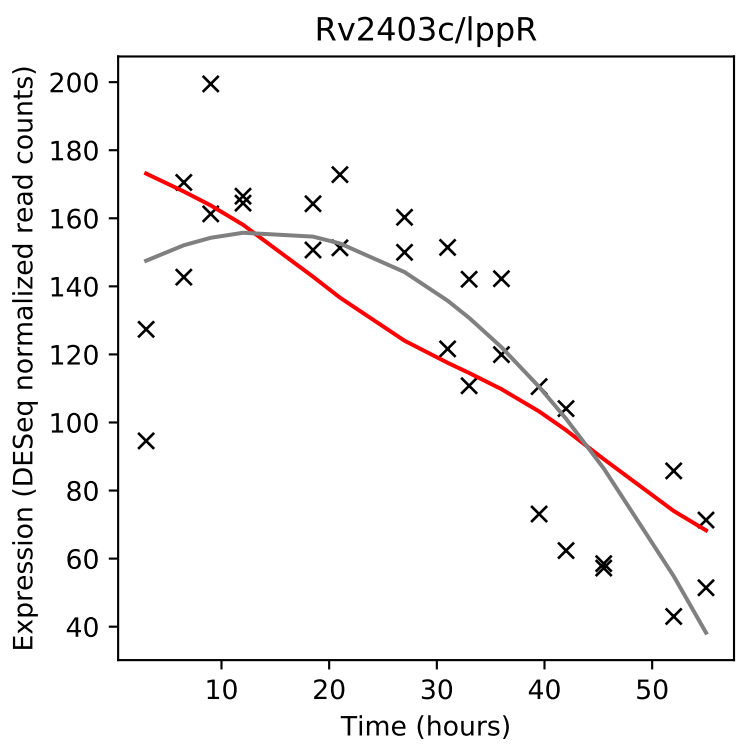

Rv2399c/cysT
Expression (DESeq normalized read counts)
Time (hours)

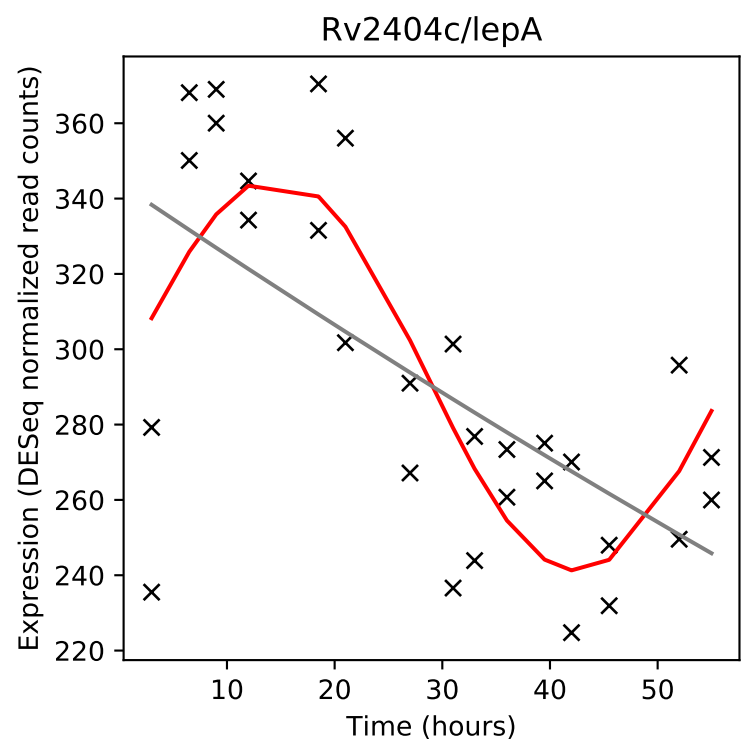

Rv2400c/subI
Expression (DESeq normalized read counts)
Time (hours)

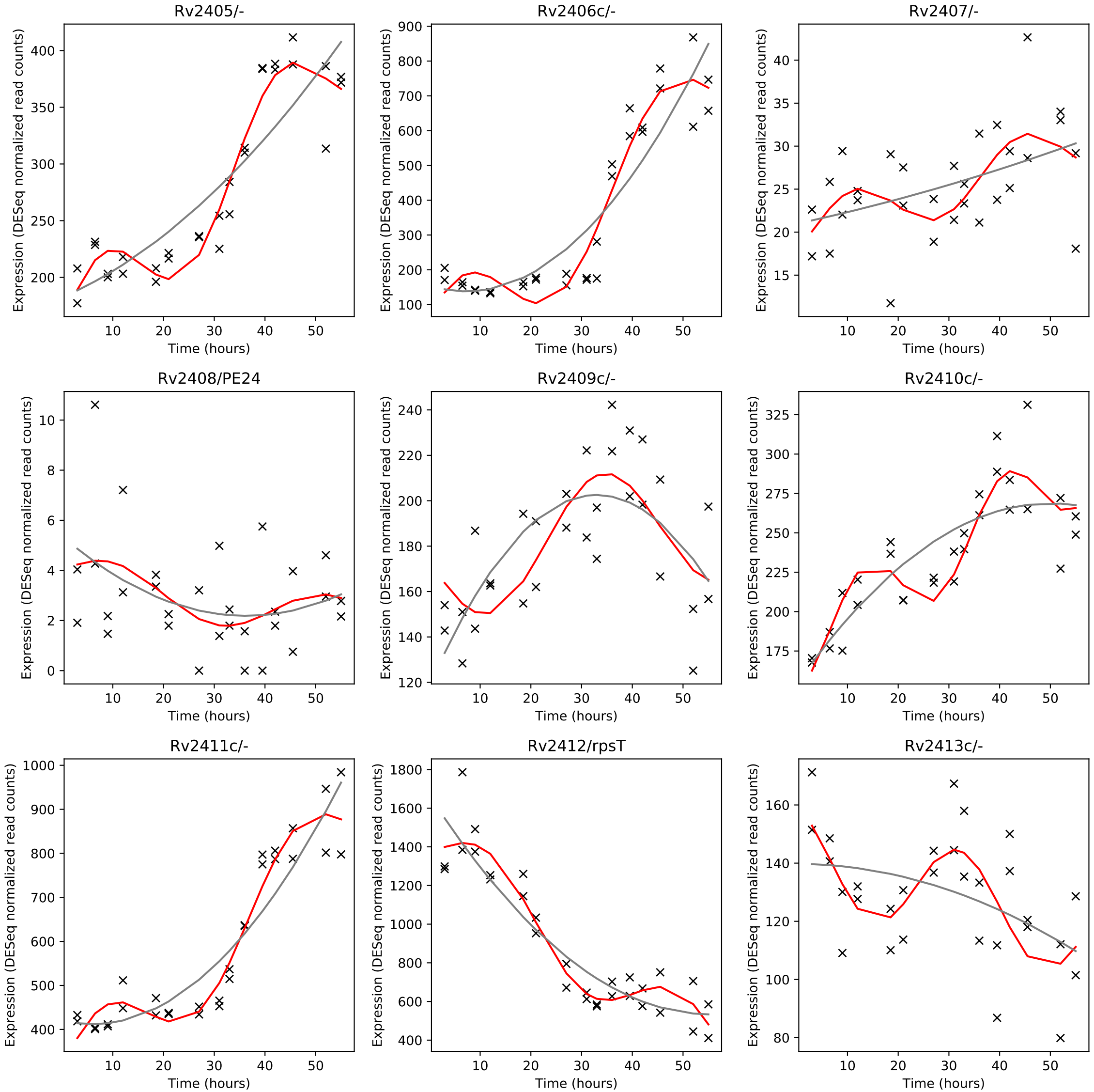

Rv2401/-
Expression (DESeq normalized read counts)
Time (hours)

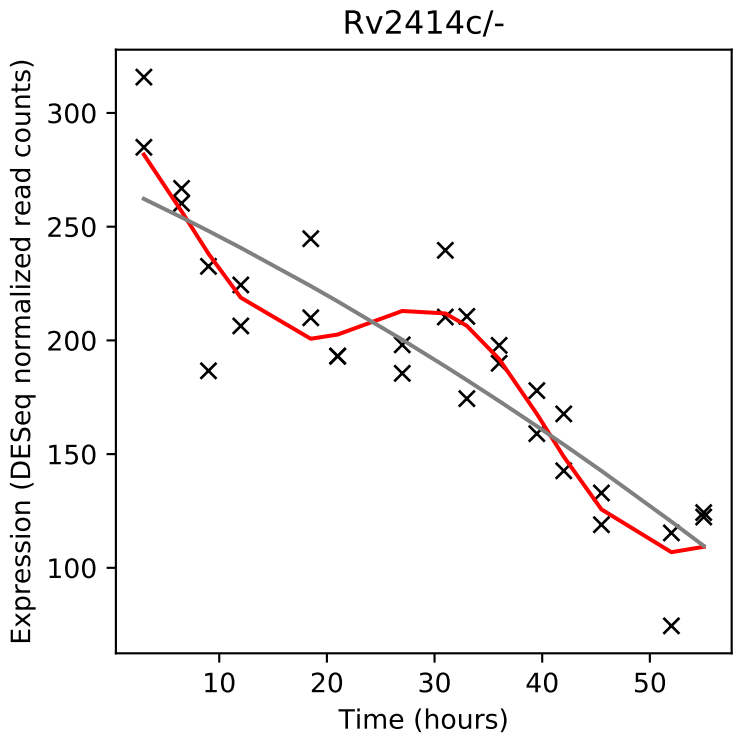

Rv2401A/-
Expression (DESeq normalized read counts)
Time (hours)

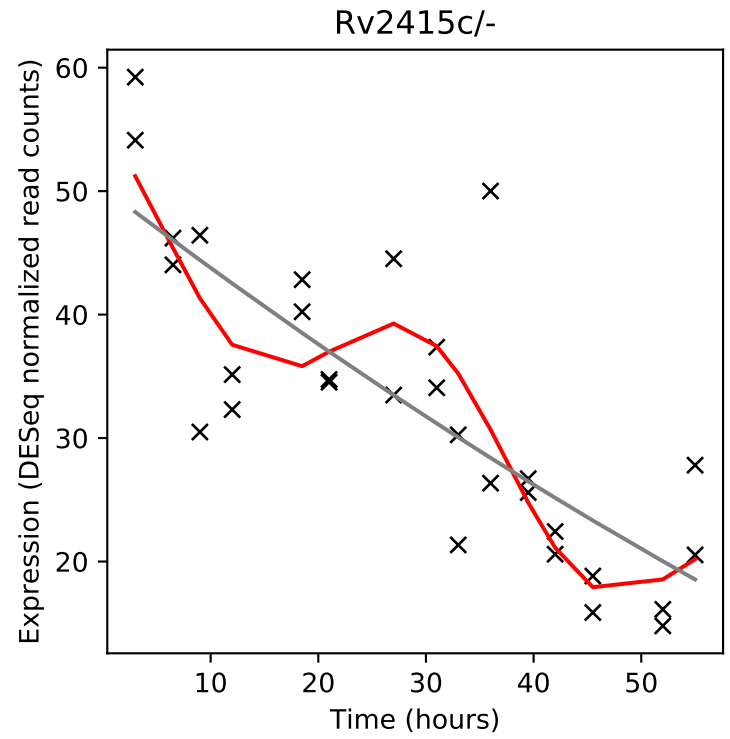

Rv2402/-
Expression (DESeq normalized read counts)
Time (hours)

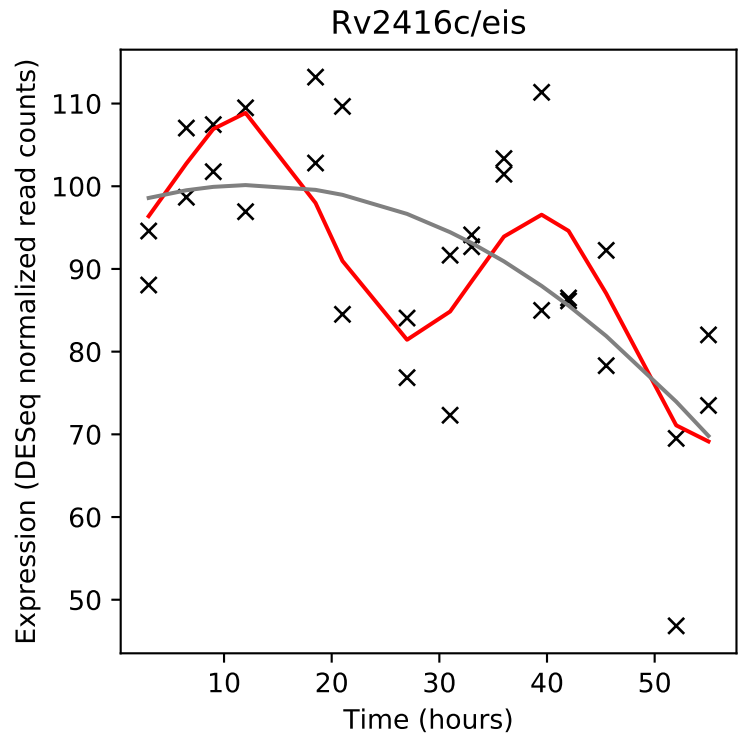

Rv2403c/lppR
Expression (DESeq normalized read counts)
Time (hours)

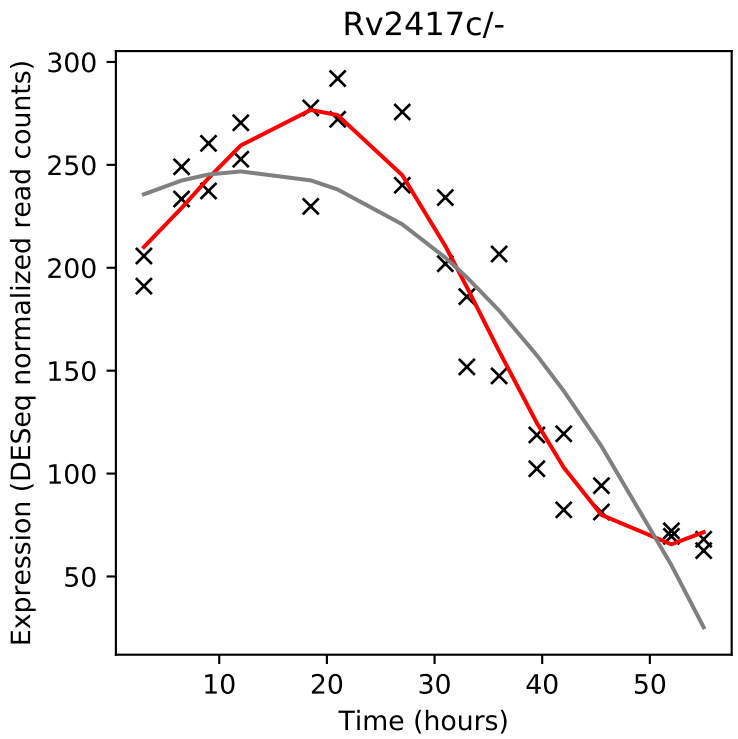

Rv2404c/lepA
Expression (DESeq normalized read counts)
Time (hours)

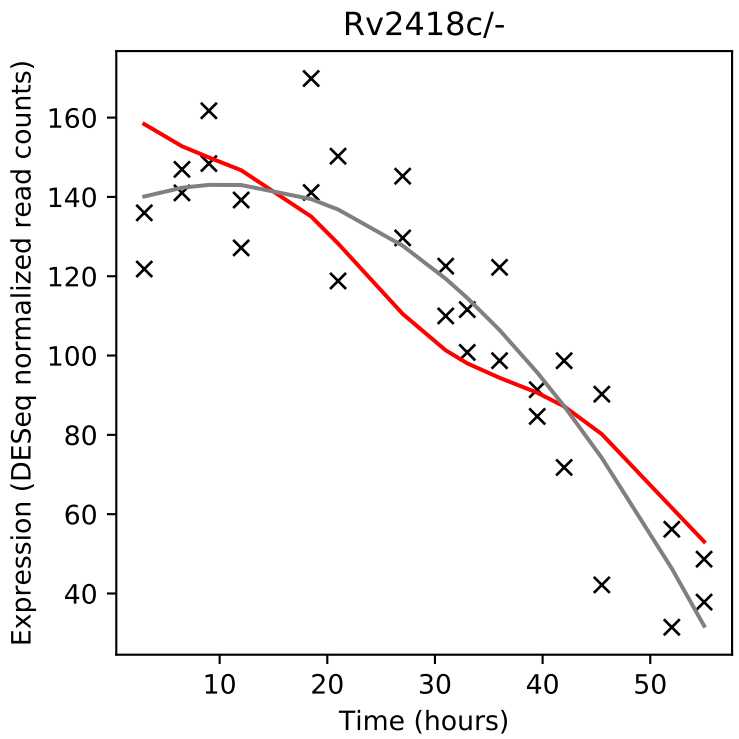

Rv2405/-
Rv2406c/-
Rv2407/-
Rv2408/PE24
Rv2409c/-
Rv2410c/-
Rv2411c/-
Rv2412/rpsT
Rv2413c/-
Expression (DESeq normalized read counts)
Time (hours)

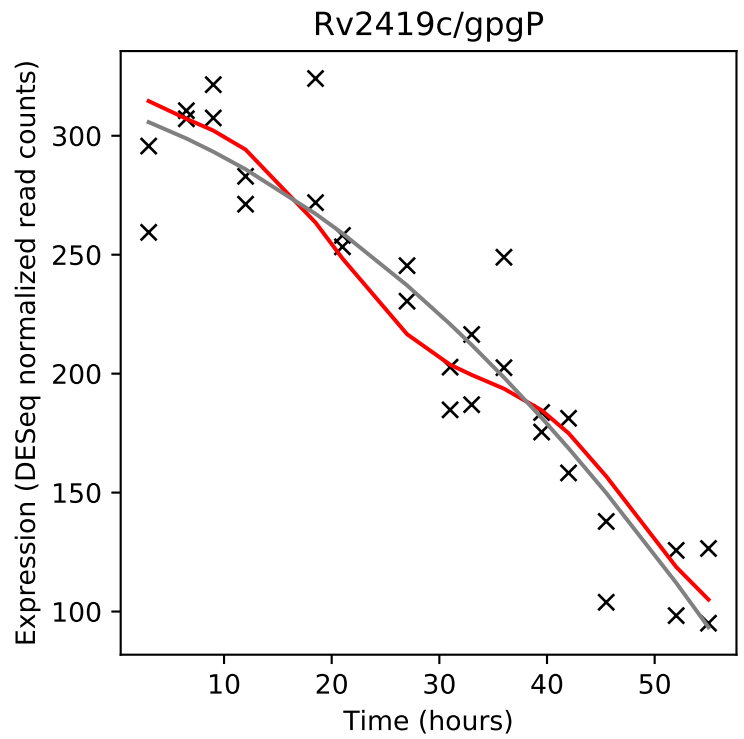

Rv2414c/-
Expression (DESeq normalized read counts)
Time (hours)

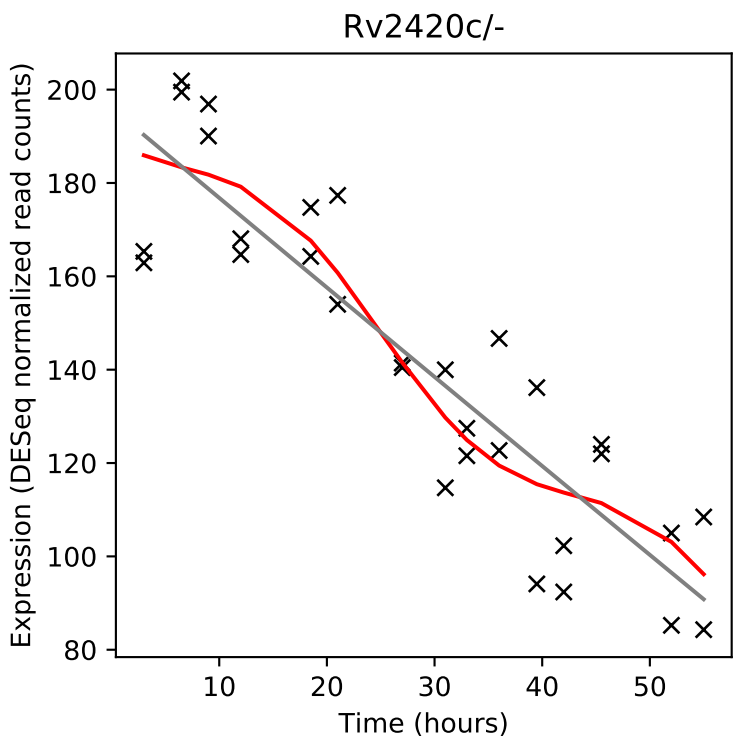

Rv2415c/-
Expression (DESeq normalized read counts)
Time (hours)

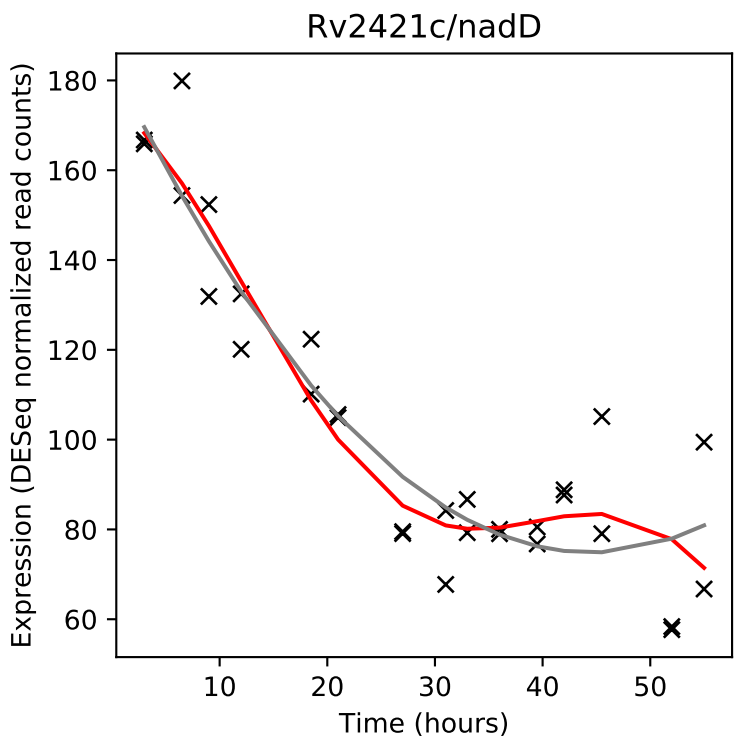

Rv2416c/eis
Expression (DESeq normalized read counts)
Time (hours)

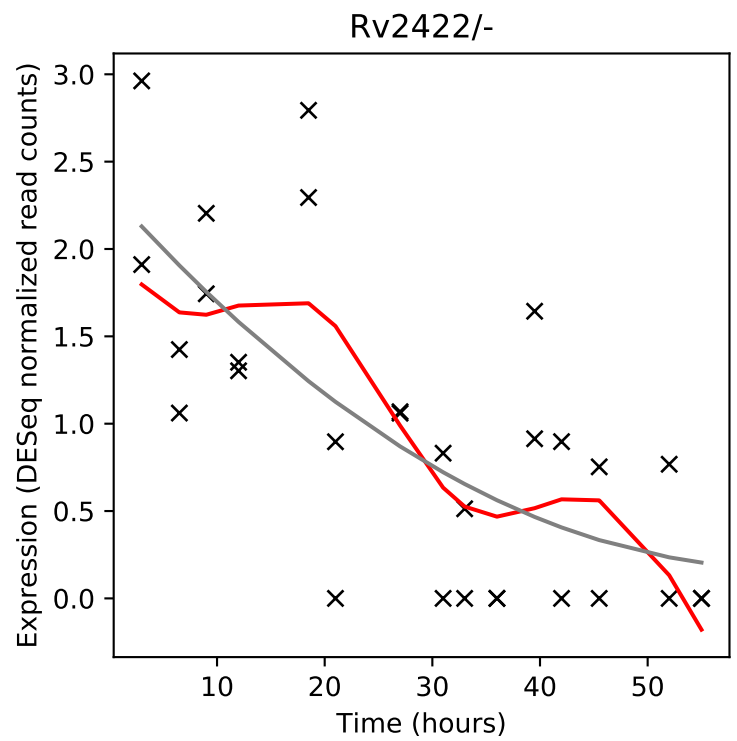

Rv2417c/-
Expression (DESeq normalized read counts)
Time (hours)

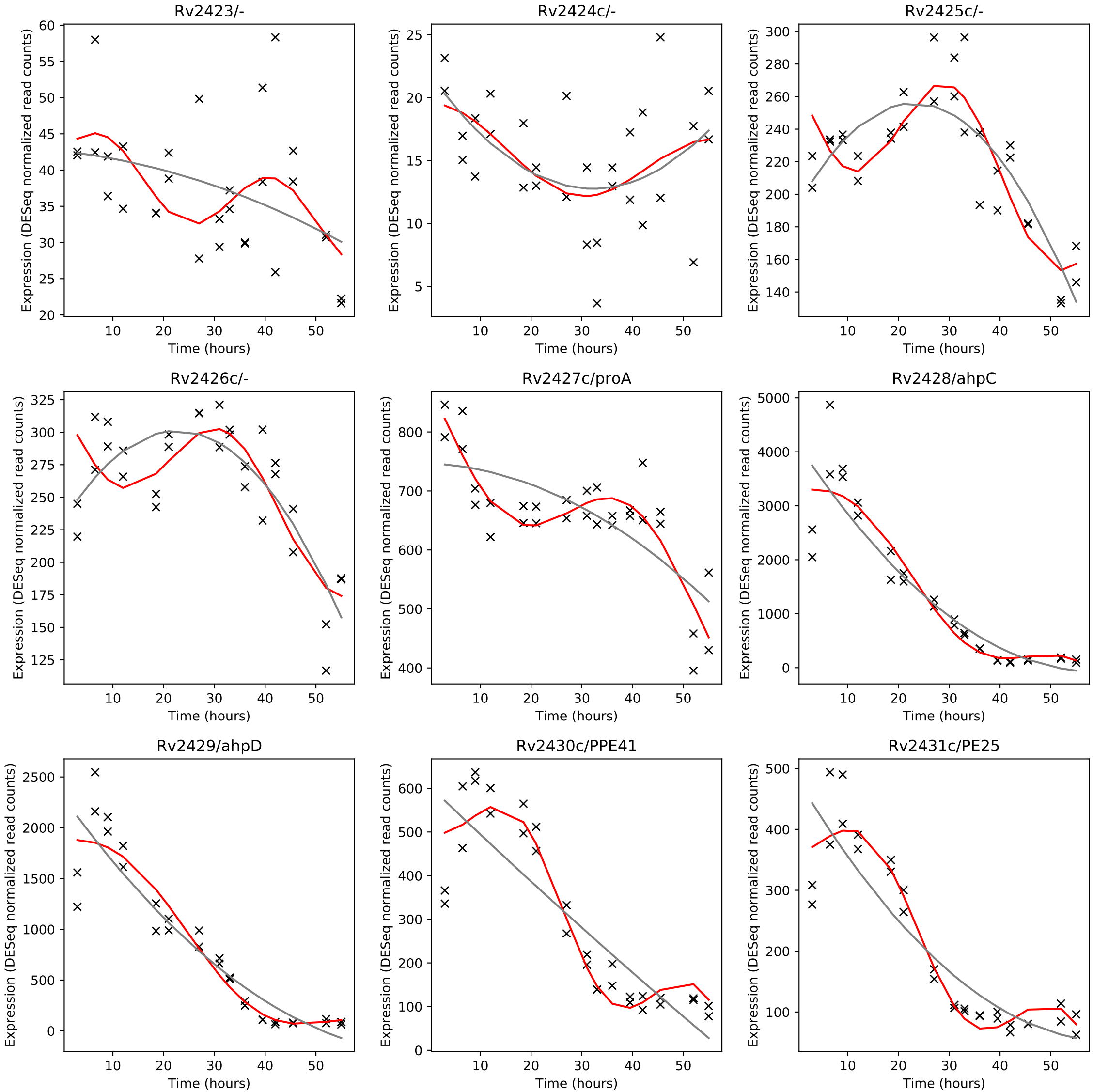

Rv2418c/-
Expression (DESeq normalized read counts)
Time (hours)

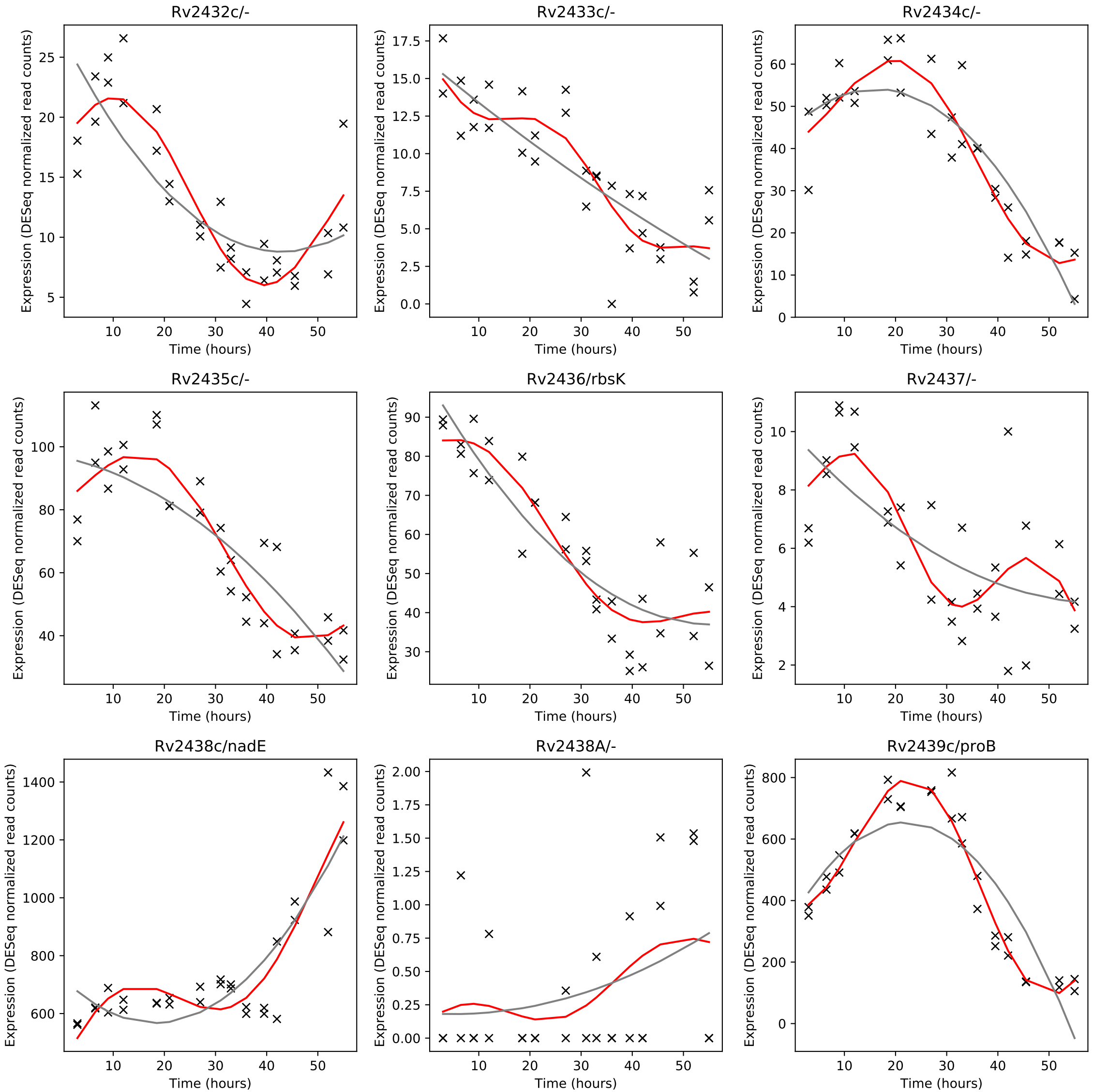

Rv2419c/gpgP
Expression (DESeq normalized read counts)
Time (hours)

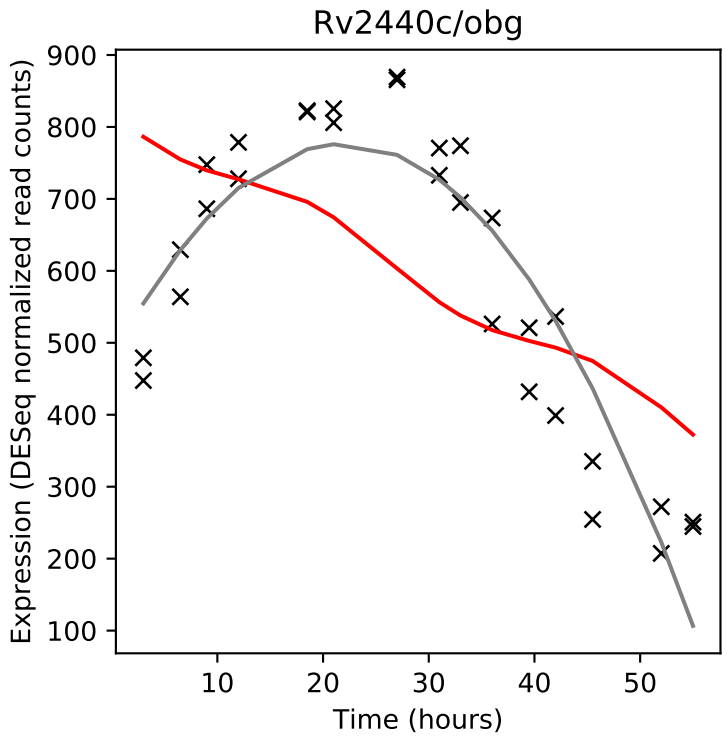

Rv2420c/-
Expression (DESeq normalized read counts)
Time (hours)

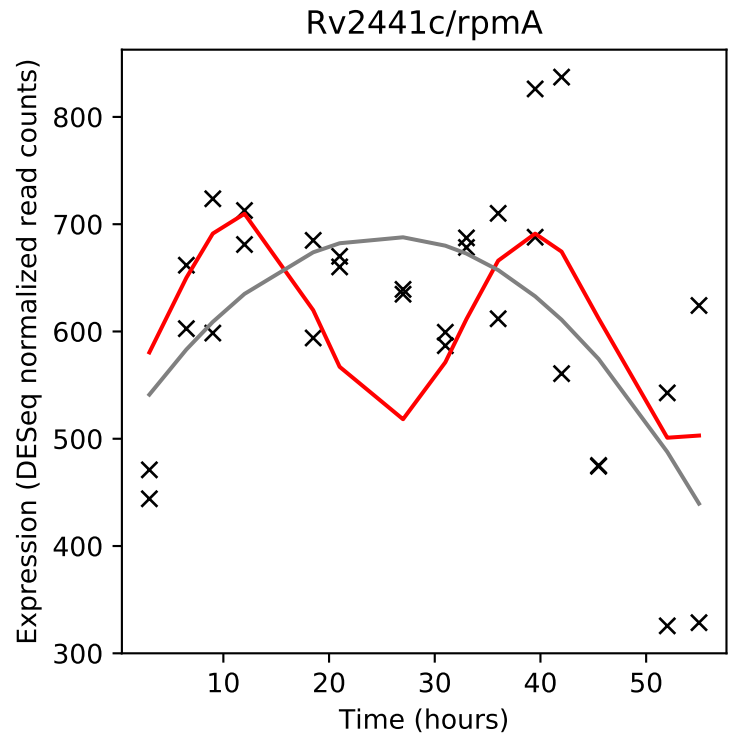

Rv2421c/nadD
Expression (DESeq normalized read counts)
Time (hours)

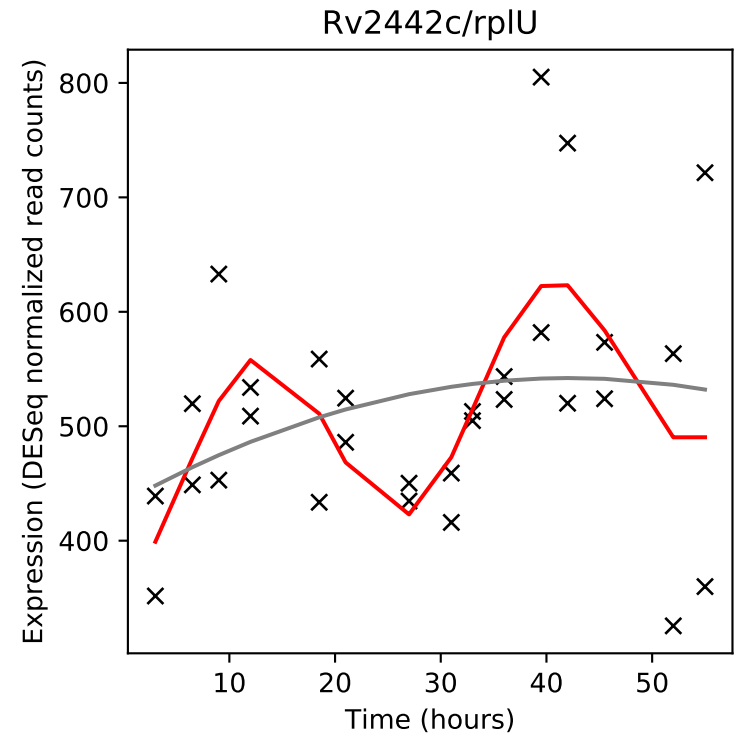

Rv2422/-
Expression (DESeq normalized read counts)
Time (hours)

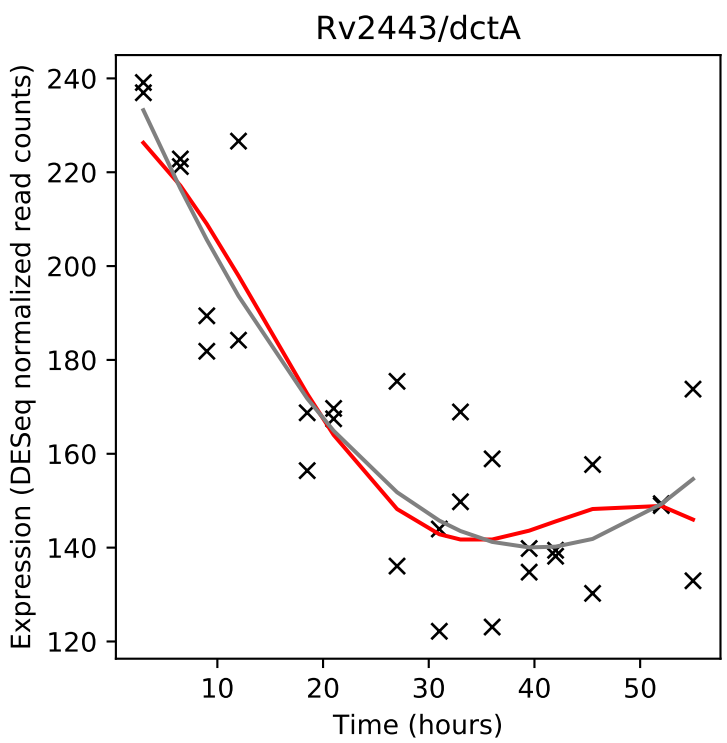

Rv2423/-
Rv2424c/-
Rv2425c/-
Rv2426c/-
Rv2427c/proA
Rv2428/ahpC
Rv2429/ahpD
Rv2430c/PPE41
Rv2431c/PE25
Expression (DESeq normalized read counts)
Time (hours)

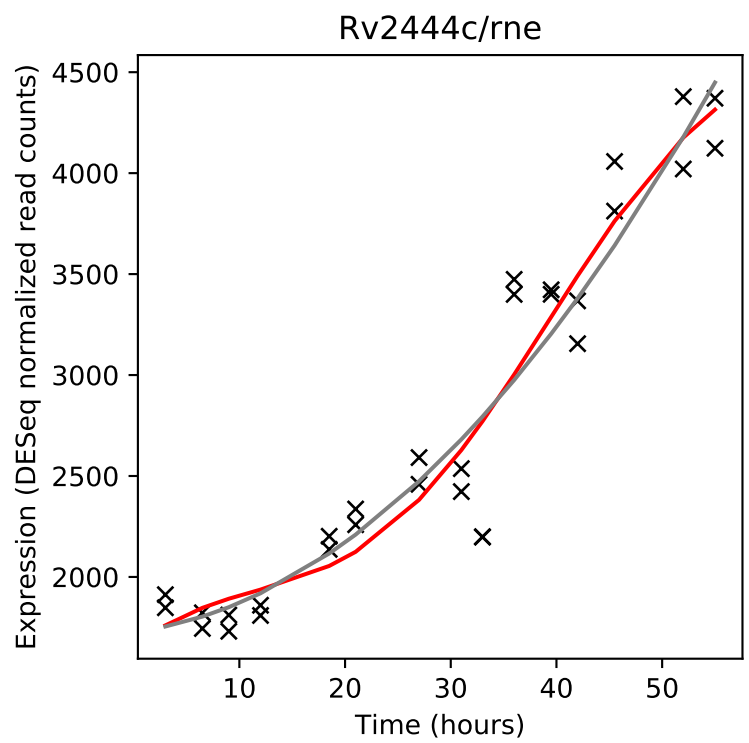

Rv2432c/-
Rv2433c/-
Rv2434c/-
Rv2435c/-
Rv2436/rbsK
Rv2437/-
Rv2438c/nadE
Rv2438A/-
Rv2439c/proB
Expression (DESeq normalized read counts)
Time (hours)

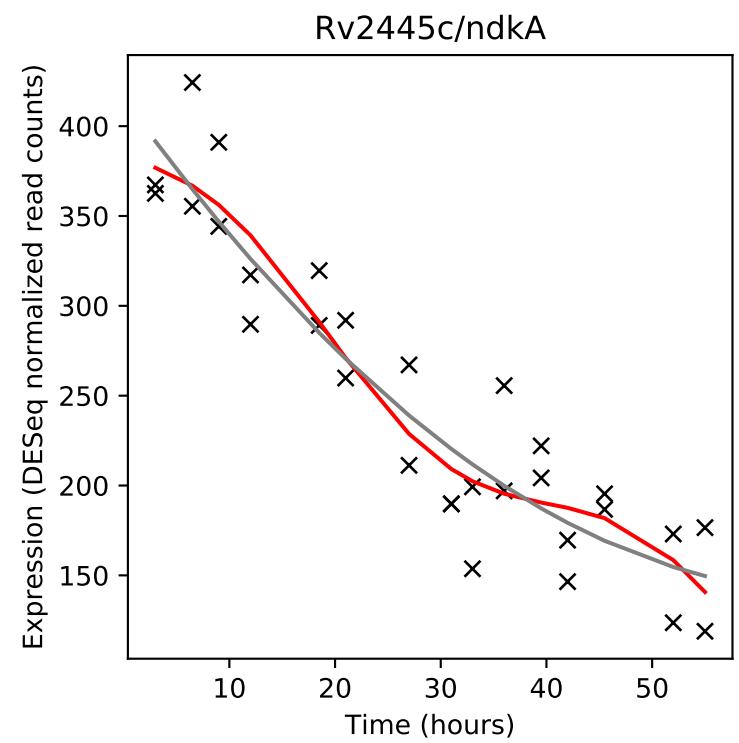

Rv2440c/obg
Expression (DESeq normalized read counts)
Time (hours)

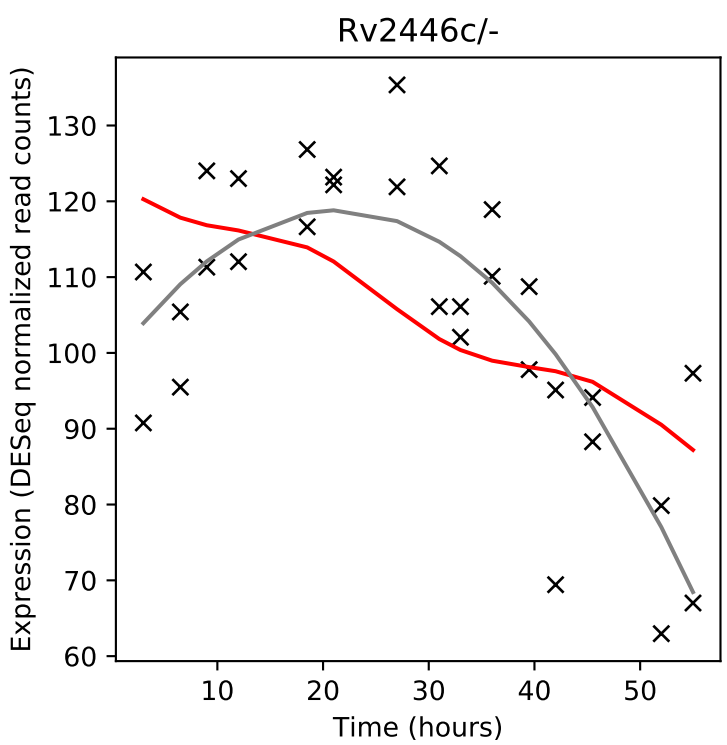

Rv2441c/rpmA
Expression (DESeq normalized read counts)
Time (hours)

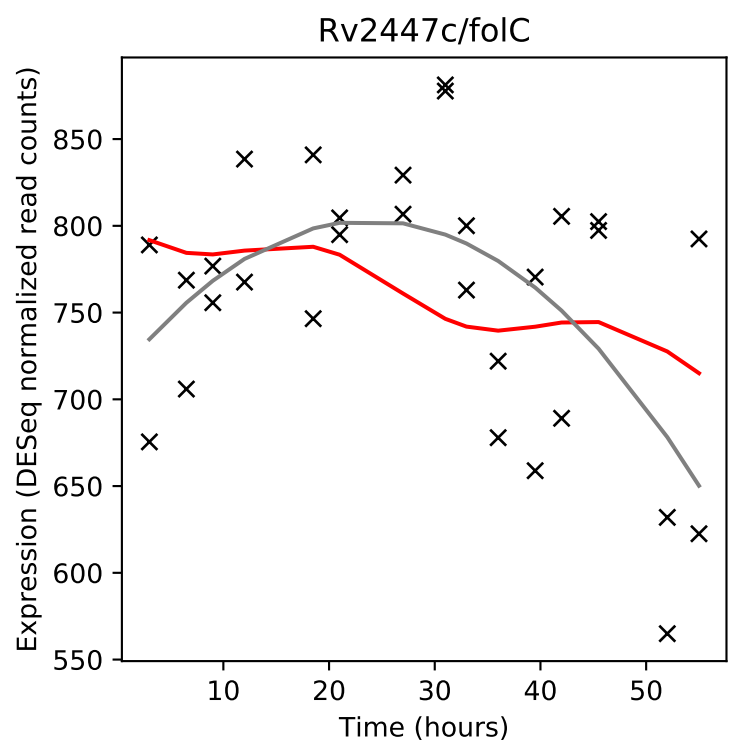

Rv2442c/rplU
Expression (DESeq normalized read counts)
Time (hours)

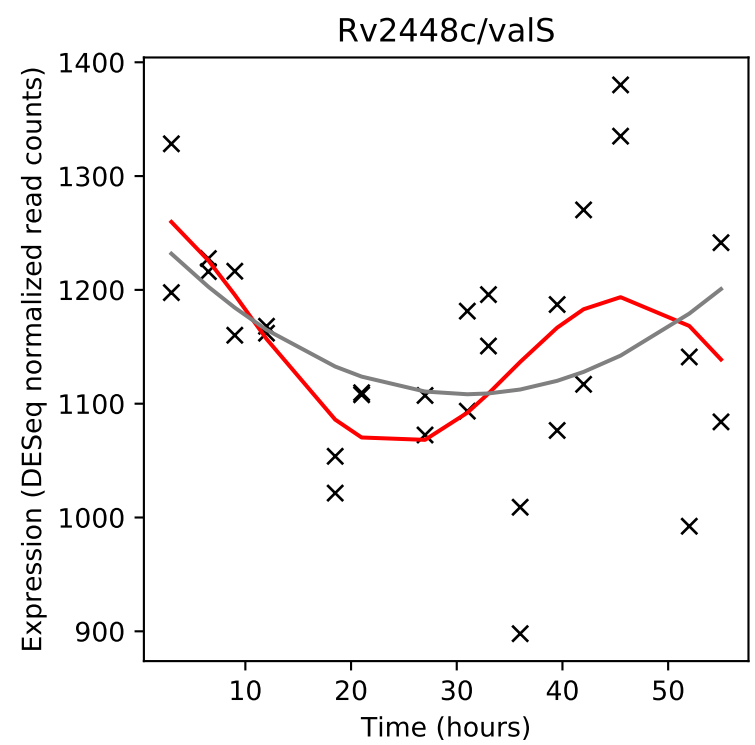

Rv2443/dctA
Expression (DESeq normalized read counts)
Time (hours)

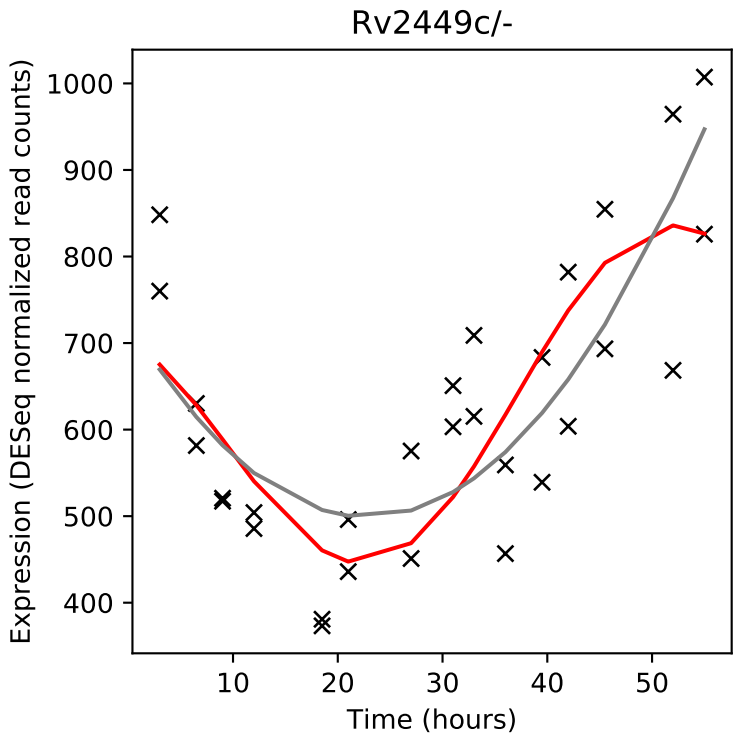

Rv2444c/rne
Expression (DESeq normalized read counts)
Time (hours)

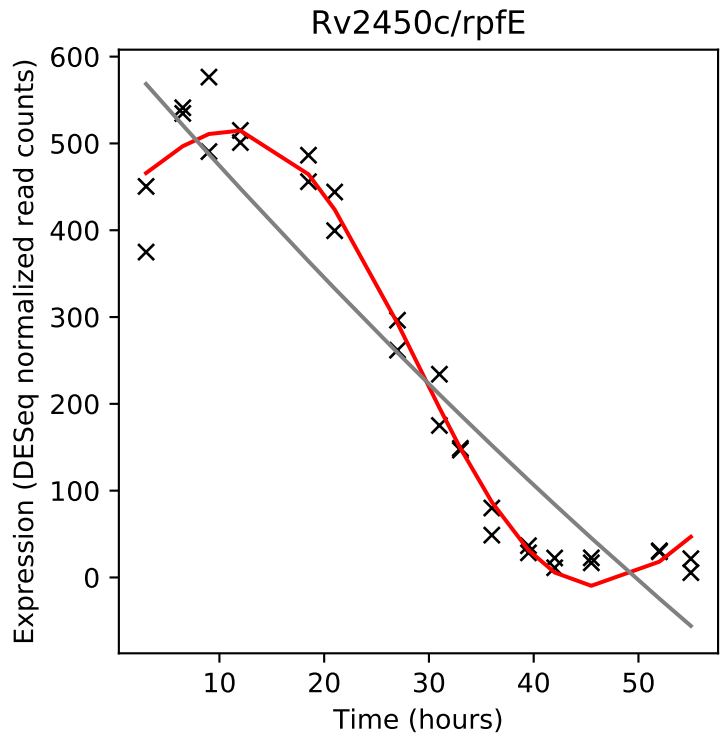

Rv2445c/ndkA
Expression (DESeq normalized read counts)
Time (hours)

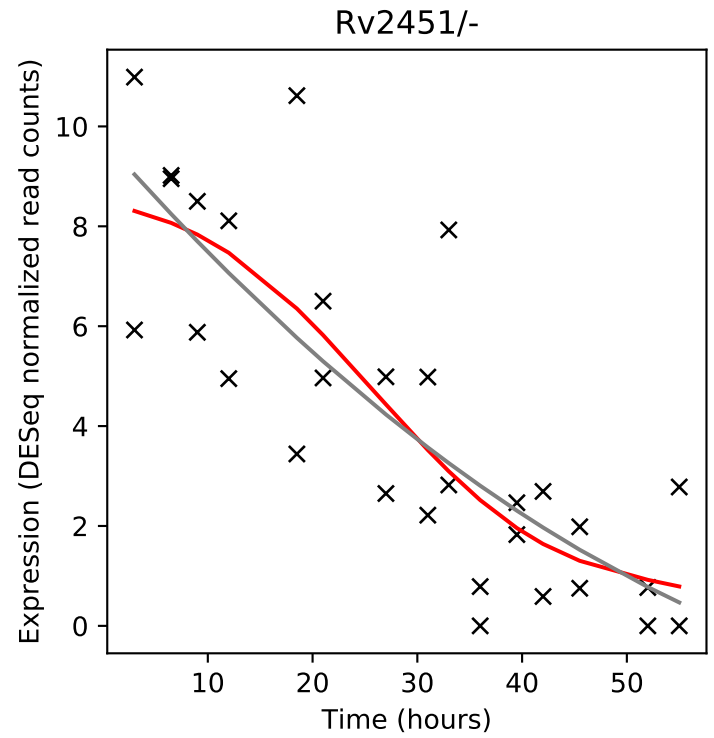

Rv2446c/-
Expression (DESeq normalized read counts)
Time (hours)

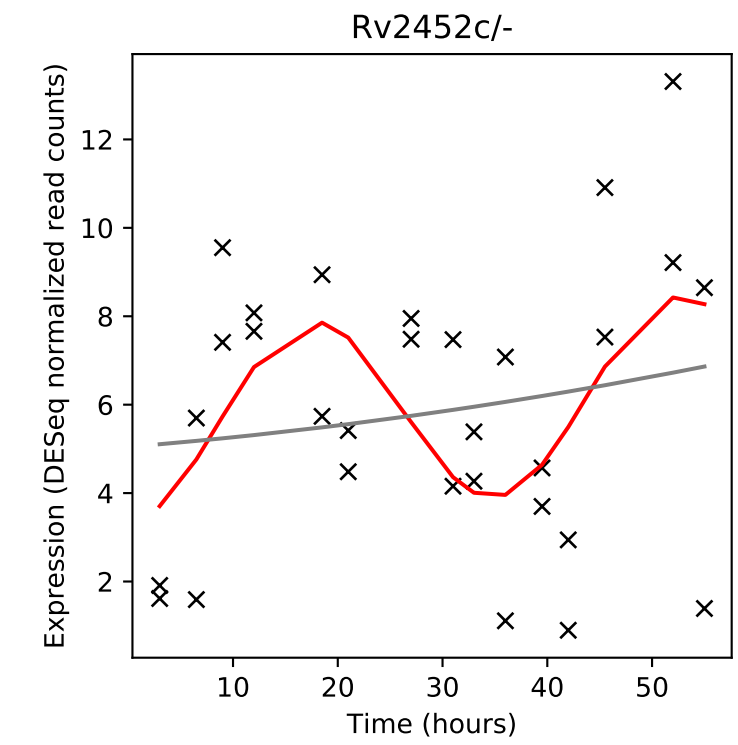

Rv2447c/folC
Expression (DESeq normalized read counts)
Time (hours)

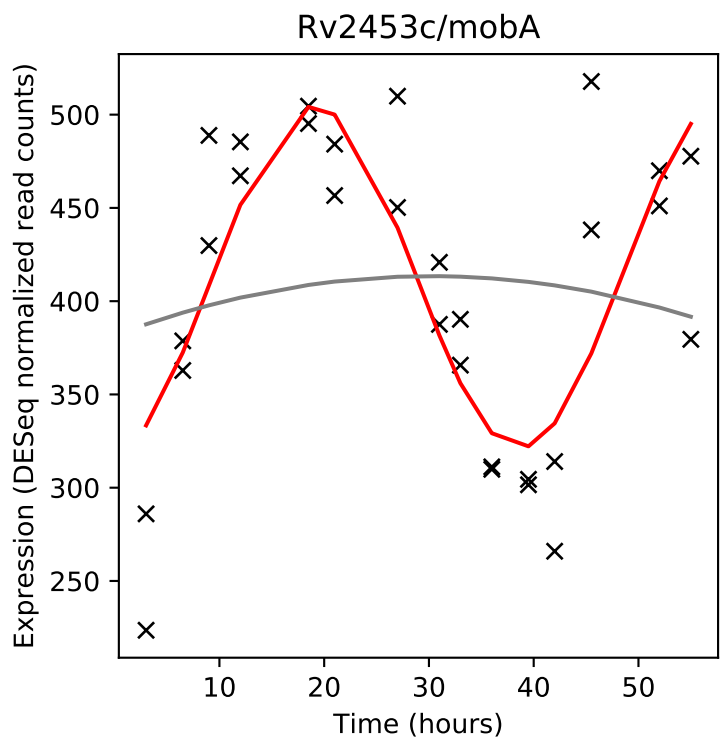

Rv2448c/valS
Expression (DESeq normalized read counts)
Time (hours)

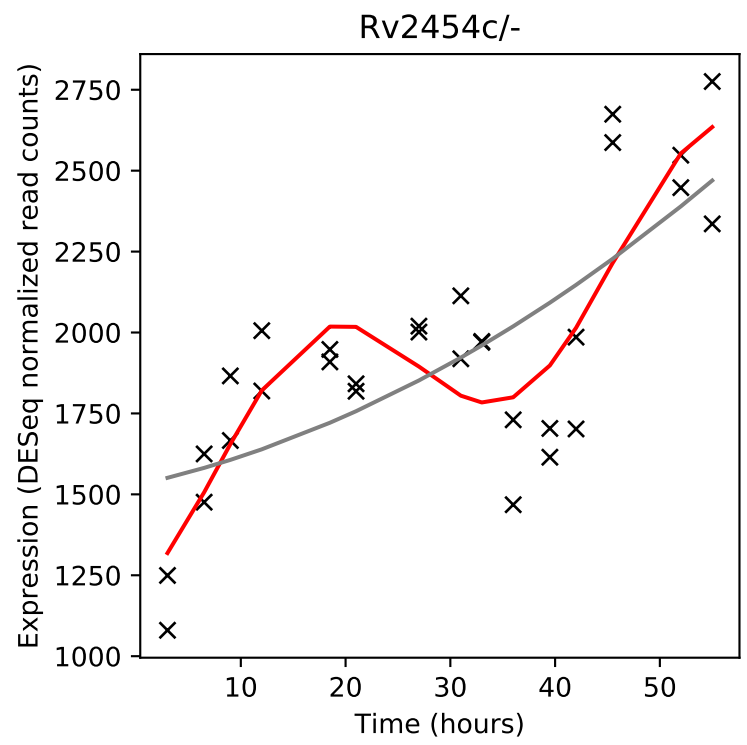

Rv2449c/-
Expression (DESeq normalized read counts)
Time (hours)

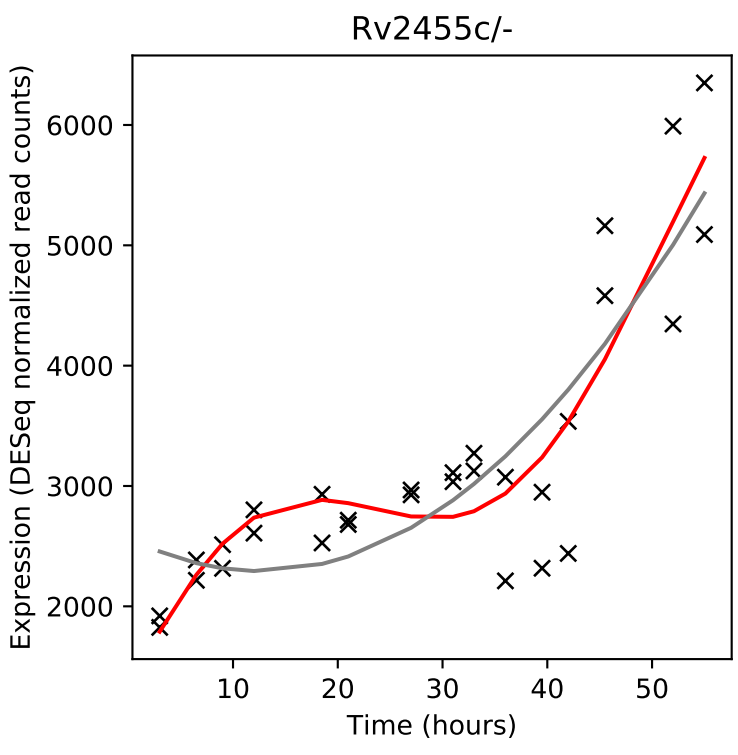

Rv2450c/rpfE
Expression (DESeq normalized read counts)
Time (hours)

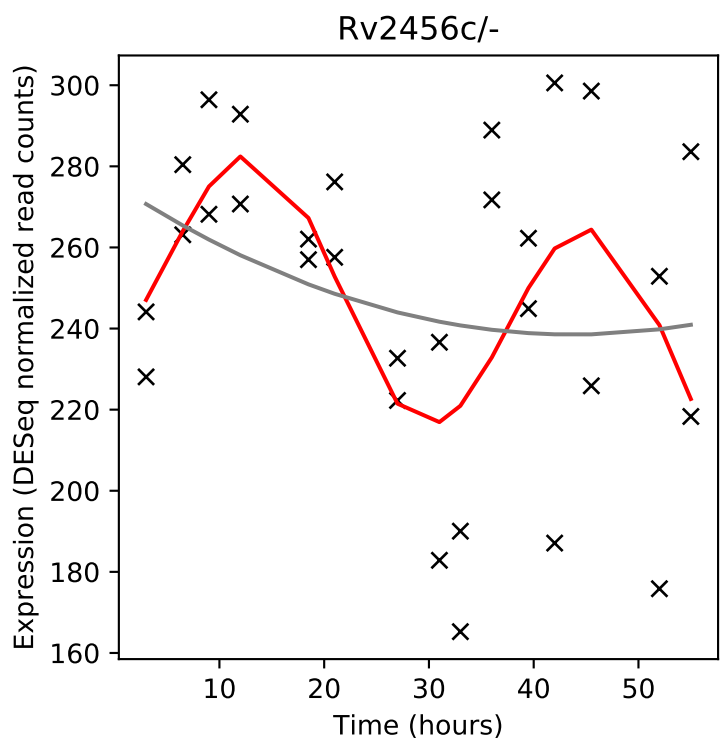

Rv2451/-
Expression (DESeq normalized read counts)
Time (hours)

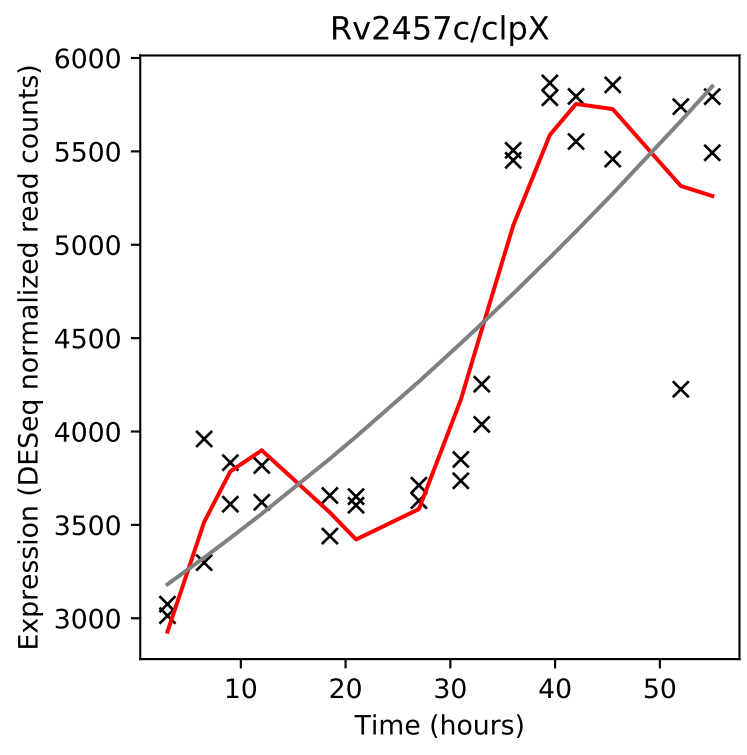

Rv2452c/-
Expression (DESeq normalized read counts)
Time (hours)

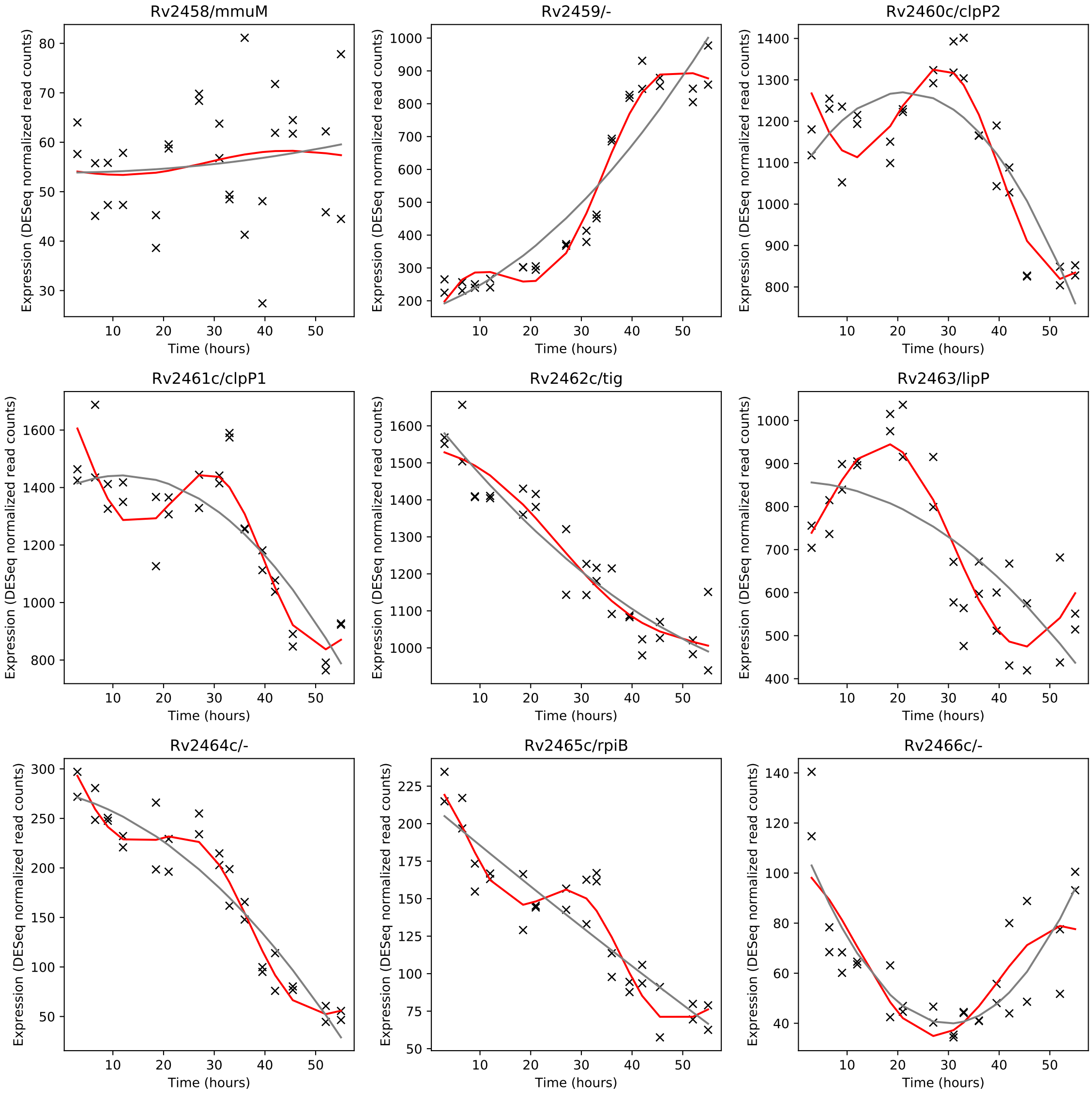

Rv2453c/mobA
Expression (DESeq normalized read counts)
Time (hours)

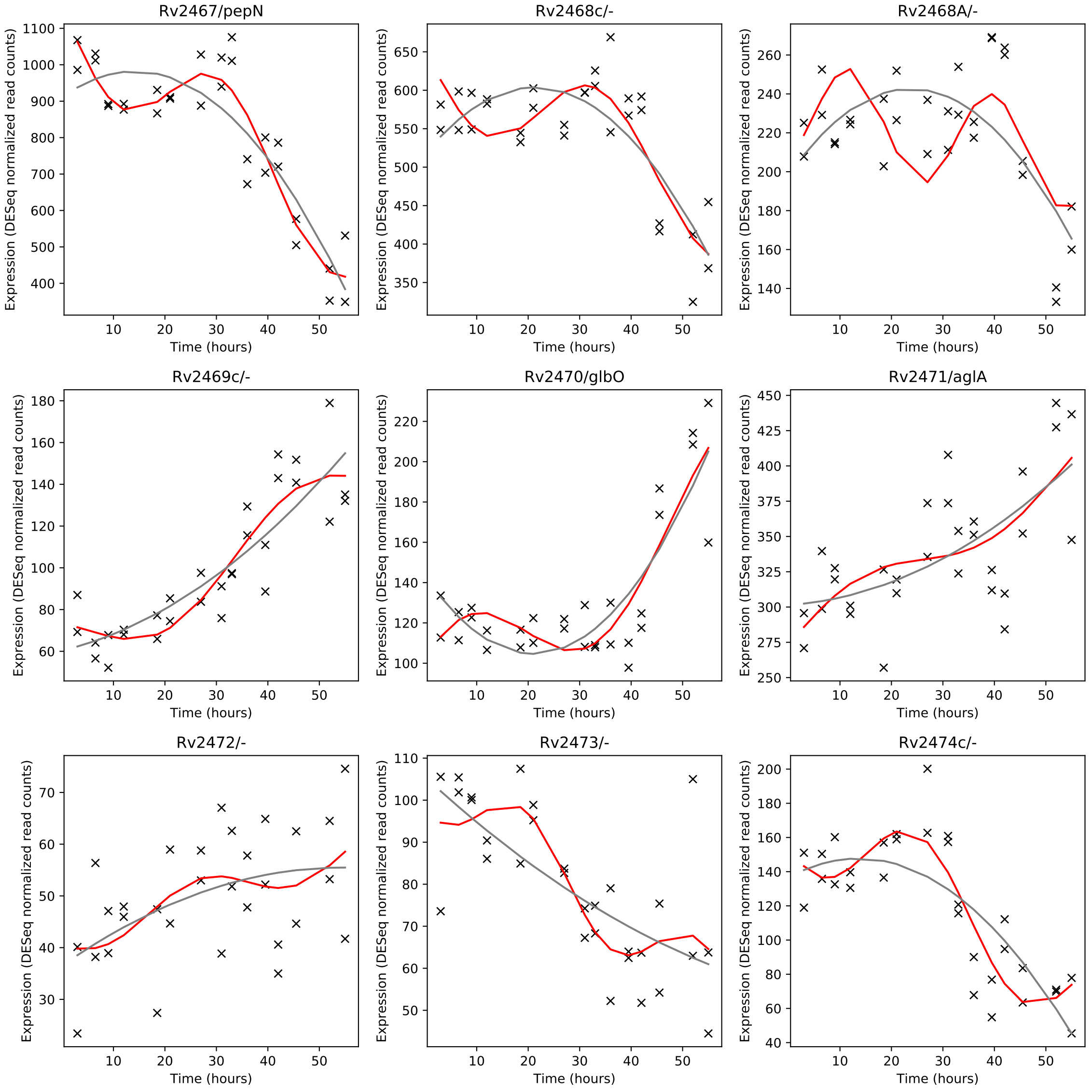

Rv2454c/-
Expression (DESeq normalized read counts)
Time (hours)

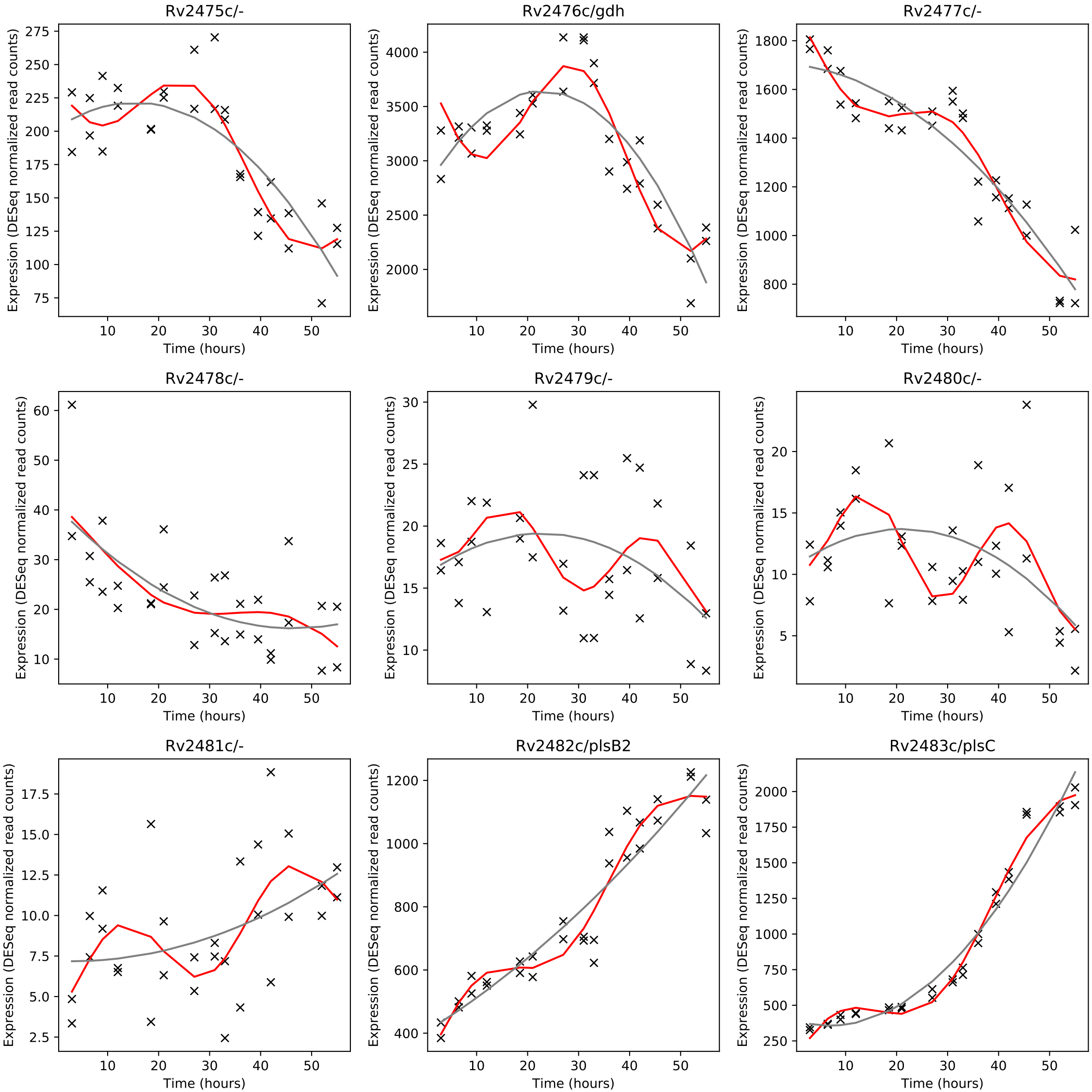

Rv2455c/-
Expression (DESeq normalized read counts)
Time (hours)

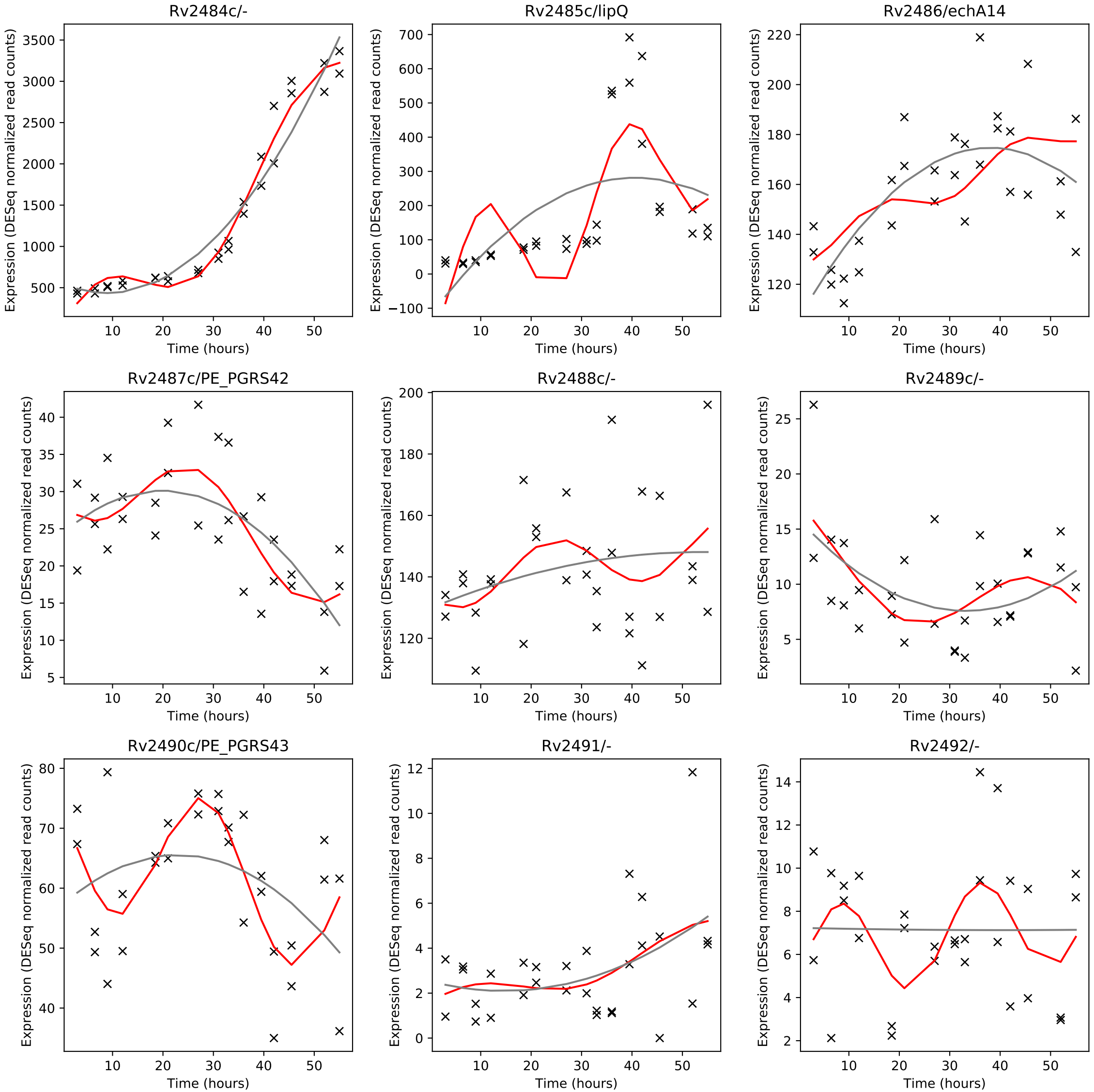

Rv2456c/-
Expression (DESeq normalized read counts)
Time (hours)

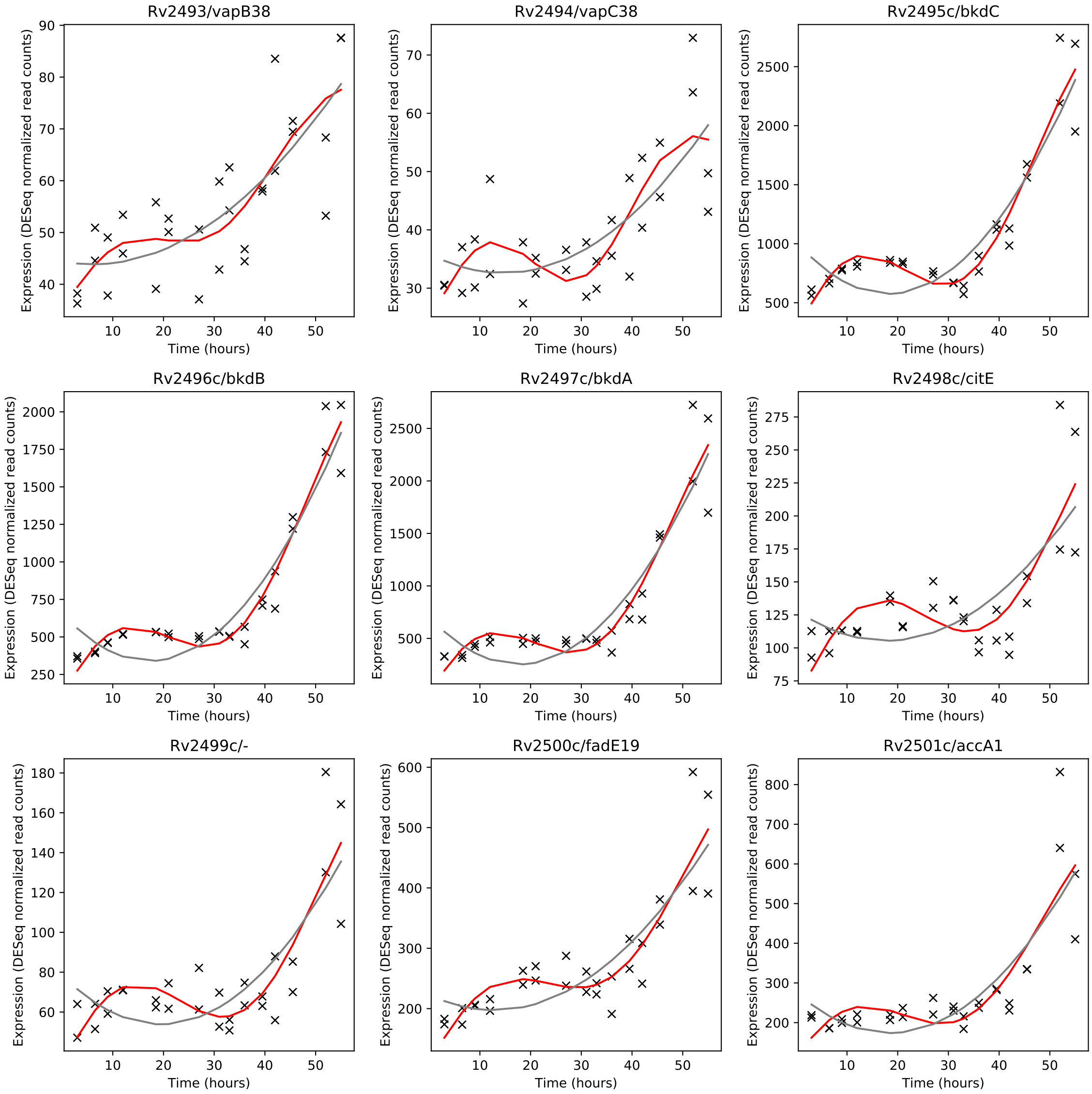

Rv2457c/clpX
Expression (DESeq normalized read counts)
Time (hours)

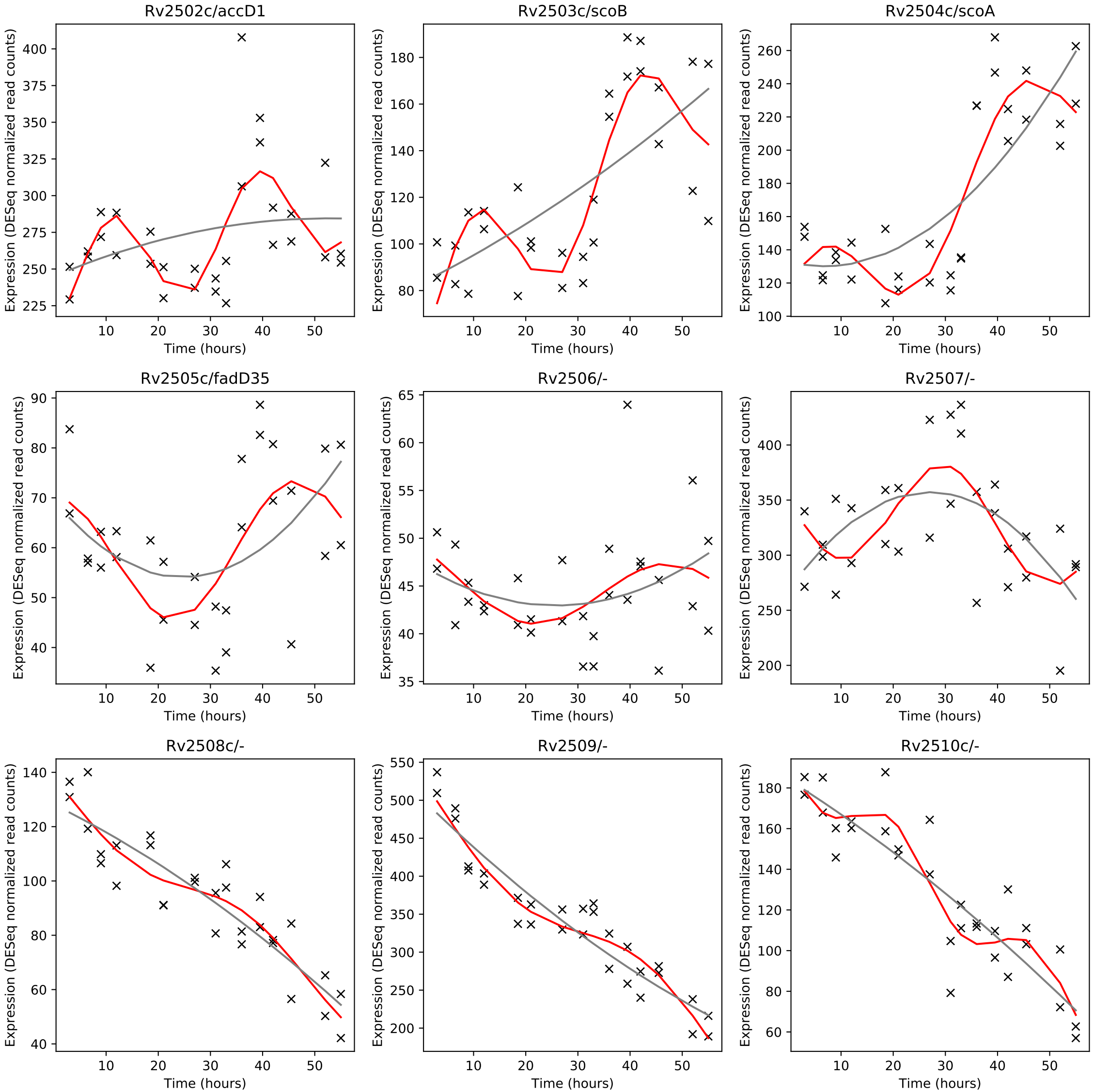

Rv2458/mmuM
Rv2459/-
Rv2460c/clpP2
Rv2461c/clpP1
Rv2462c/tig
Rv2463/lipP
Rv2464c/-
Rv2465c/rpiB
Rv2466c/-
Expression (DESeq normalized read counts)
Time (hours)

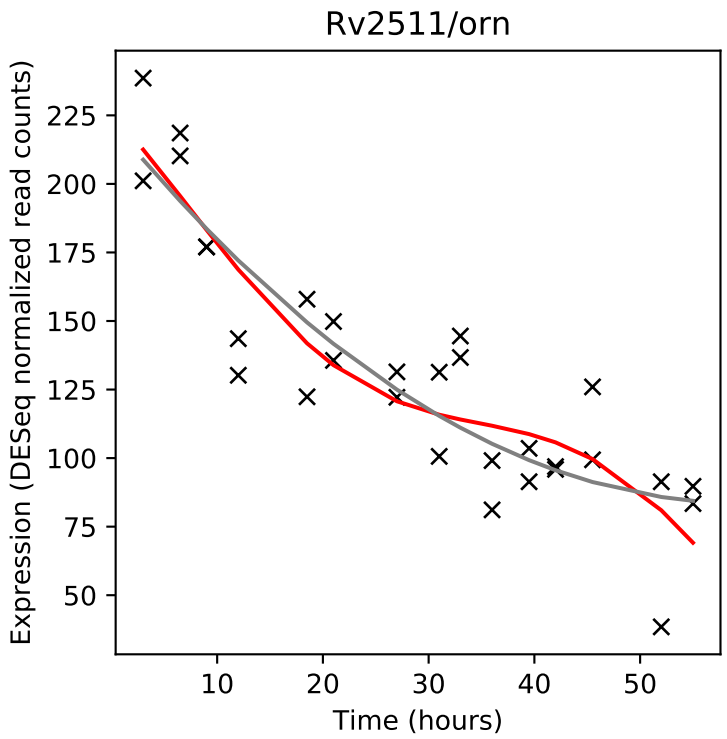

Rv2467/pepN
Rv2468c/-
Rv2468A/-
Rv2469c/-
Rv2470/glbO
Rv2471/aglA
Rv2472/-
Rv2473/-
Rv2474c/-
Expression (DESeq normalized read counts)
Time (hours)

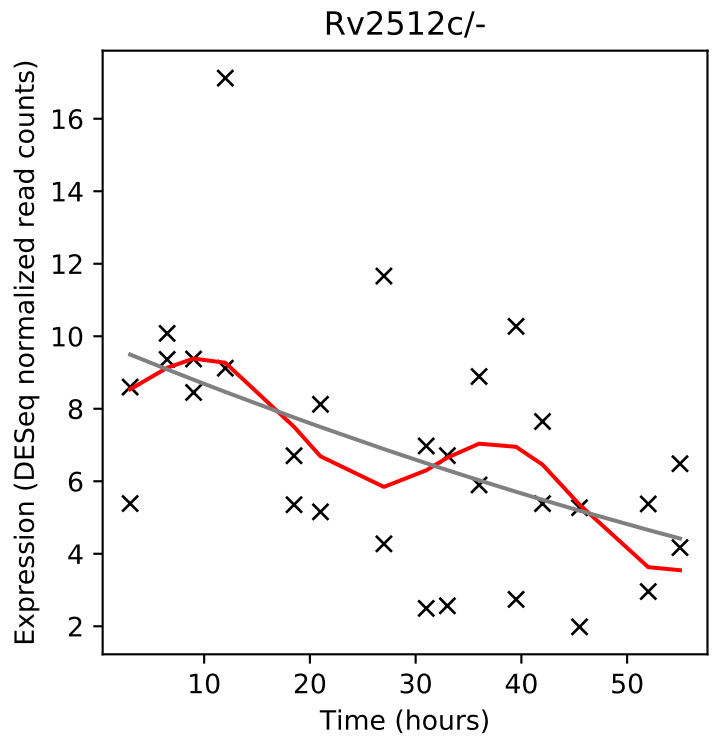

Rv2475c/-
Rv2476c/gdh
Rv2477c/-
Rv2478c/-
Rv2479c/-
Rv2480c/-
Rv2481c/-
Rv2482c/plsB2
Rv2483c/plsC
Expression (DESeq normalized read counts)
Time (hours)

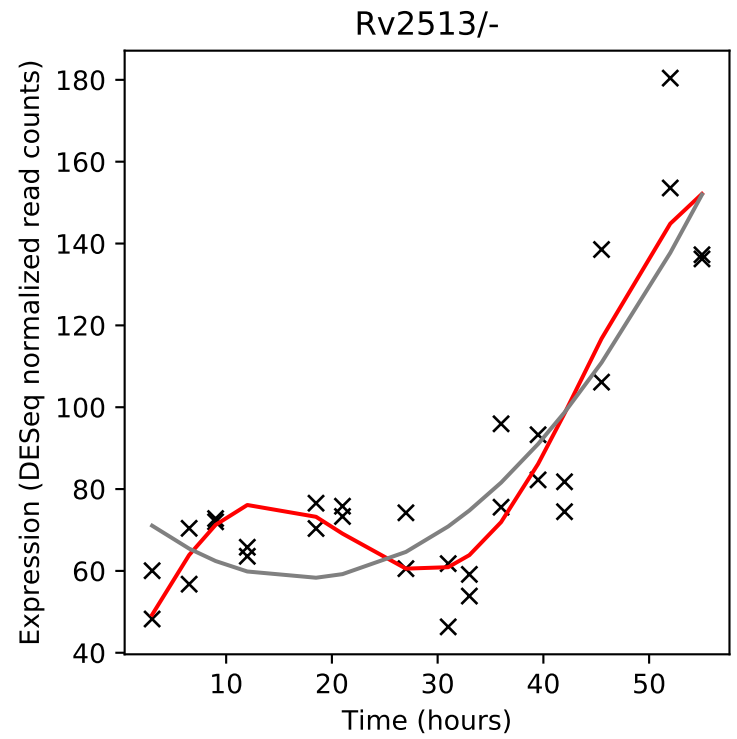

Rv2484c/-
Rv2485c/lipQ
Rv2486/echA14
Rv2487c/PE_PGRS42
Rv2488c/-
Rv2489c/-
Rv2490c/PE_PGRS43
Rv2491/-
Rv2492/-
Expression (DESeq normalized read counts)
Time (hours)

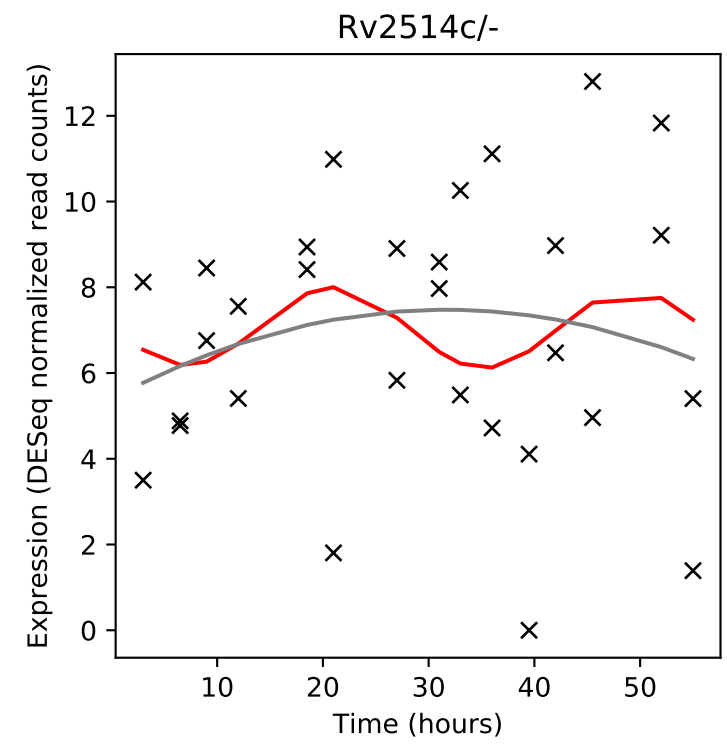

Rv2493/vapB38
Rv2494/vapC38
Rv2495c/bkdC
Rv2496c/bkdB
Rv2497c/bkdA
Rv2498c/citE
Rv2499c/-
Rv2500c/fadE19
Rv2501c/accA1
Expression (DESeq normalized read counts)
Time (hours)

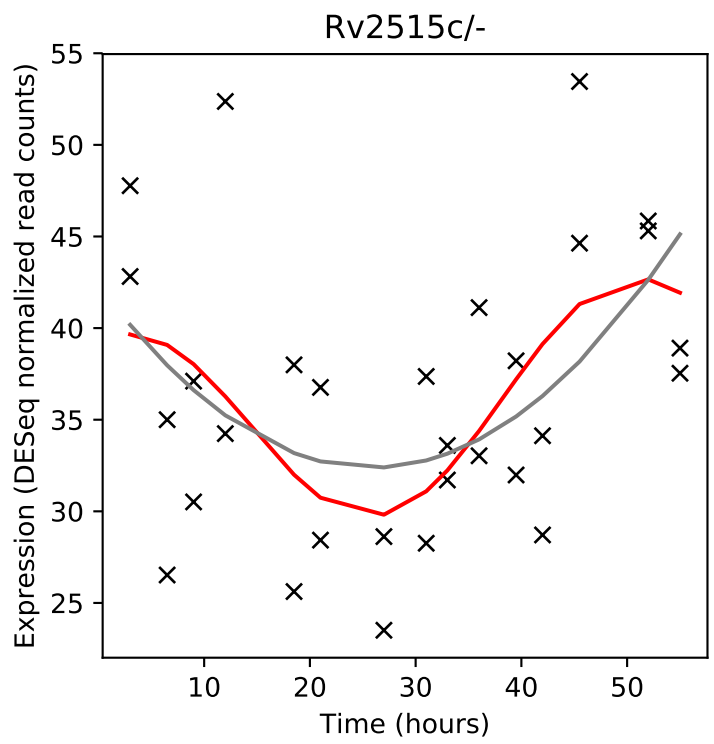

Rv2502c/accD1
Rv2503c/scoB
Rv2504c/scoA
Rv2505c/fadD35
Rv2506/-
Rv2507/-
Rv2508c/-
Rv2509/-
Rv2510c/-
Expression (DESeq normalized read counts)
Time (hours)

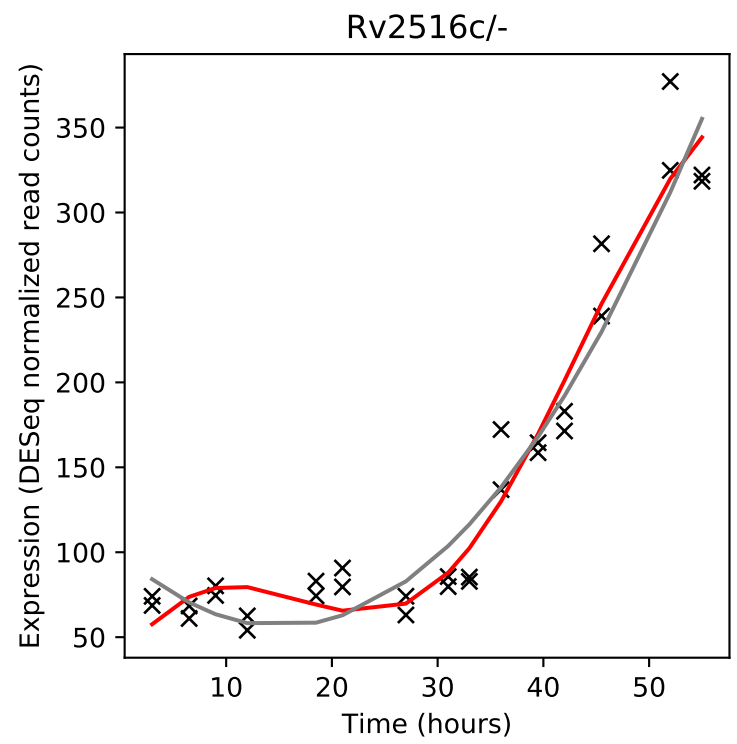

Rv2511/orn
Expression (DESeq normalized read counts)
Time (hours)

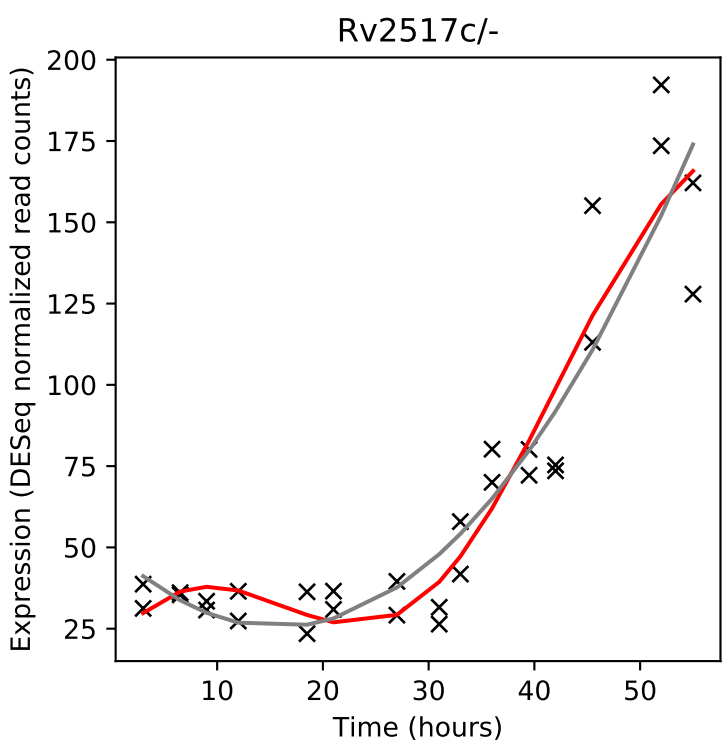

Rv2512c/-
Expression (DESeq normalized read counts)
Time (hours)

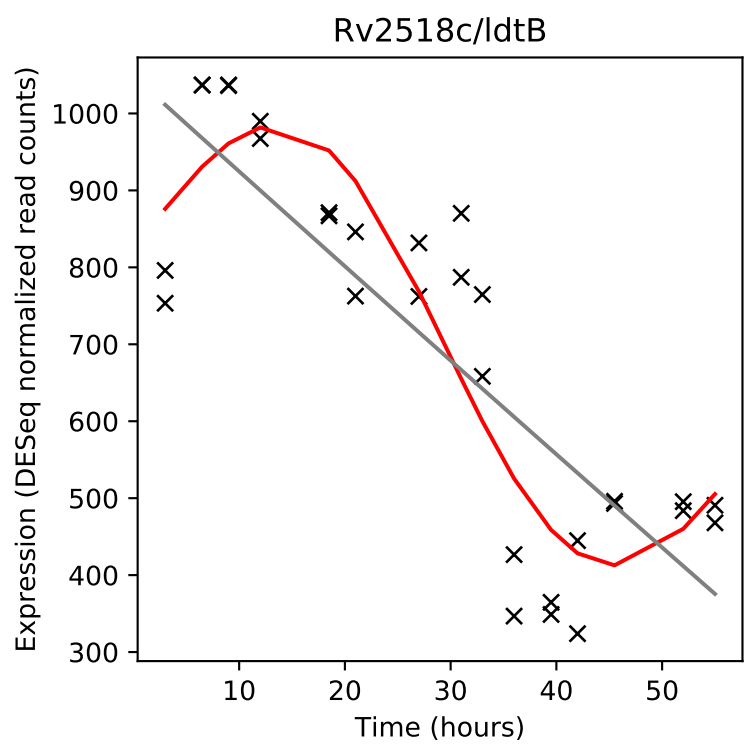

Rv2513/-
Expression (DESeq normalized read counts)
Time (hours)

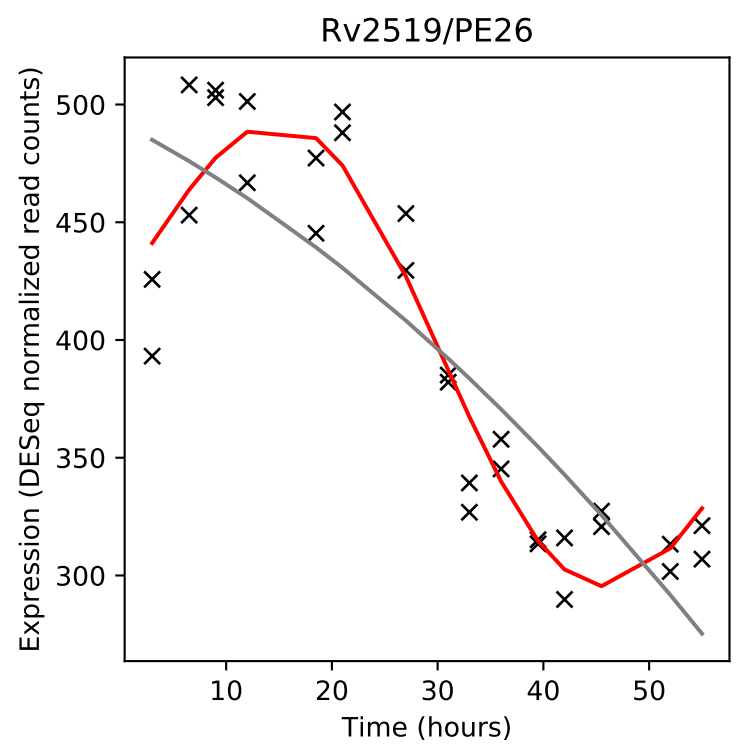

Rv2514c/-
Expression (DESeq normalized read counts)
Time (hours)

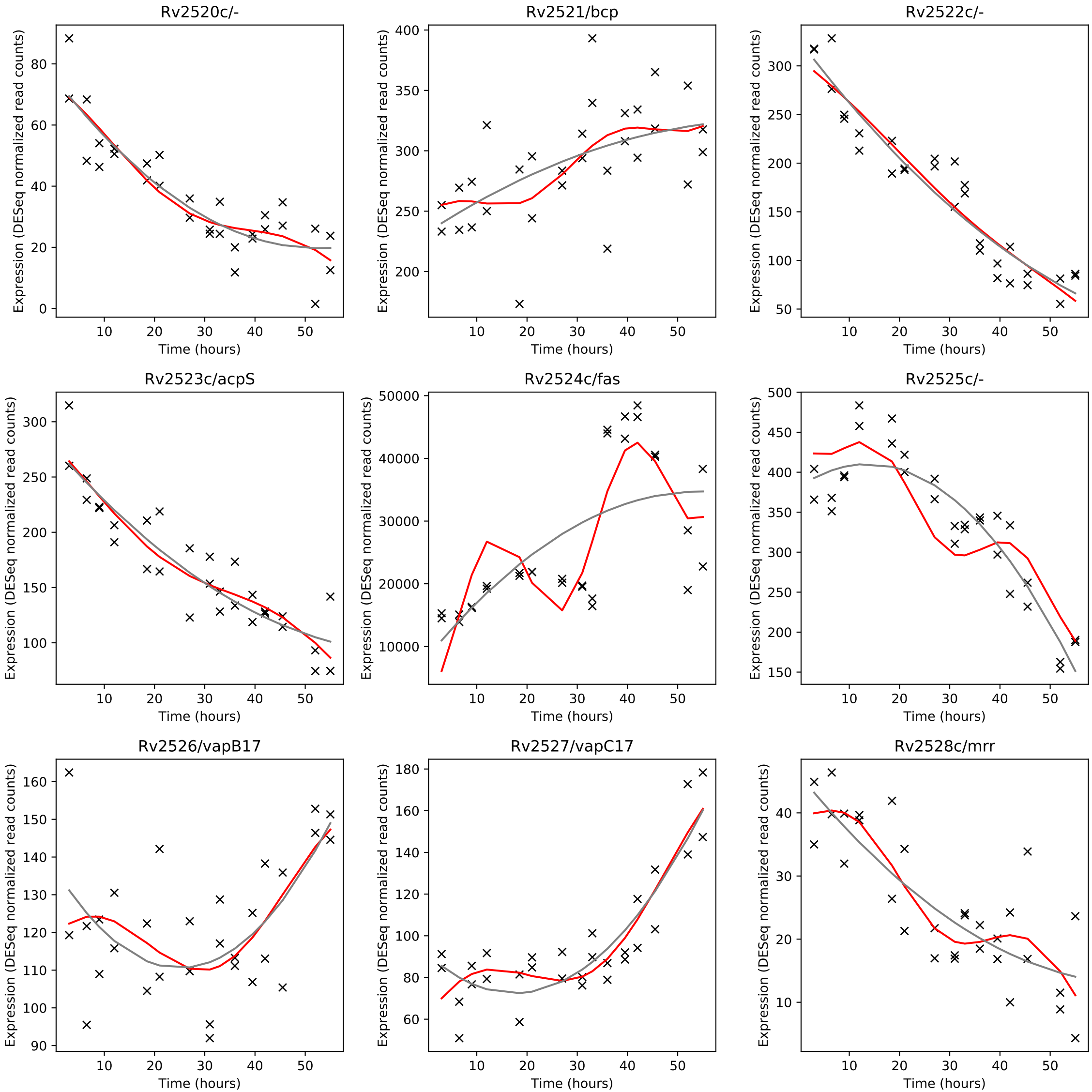

Rv2515c/-
Expression (DESeq normalized read counts)
Time (hours)

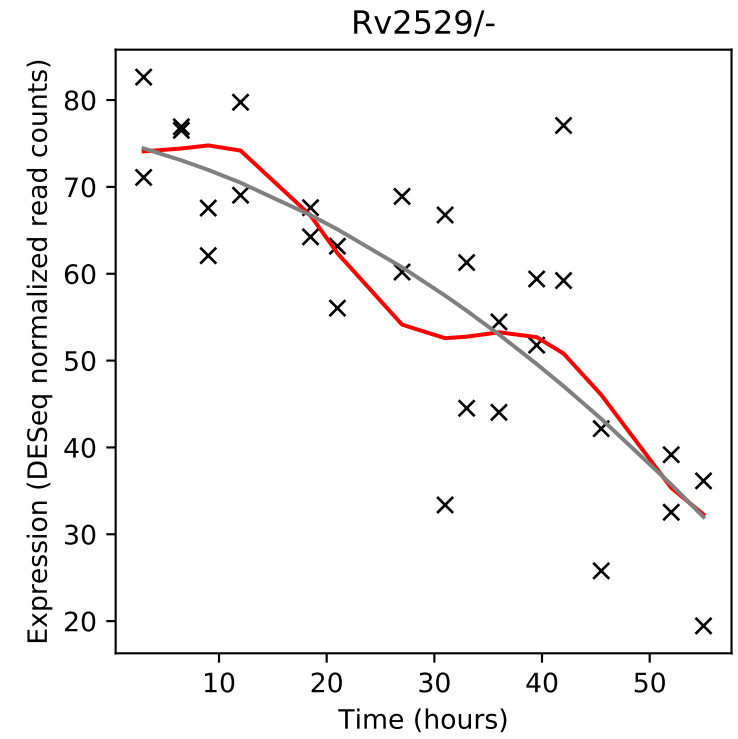

Rv2516c/-
Expression (DESeq normalized read counts)
Time (hours)

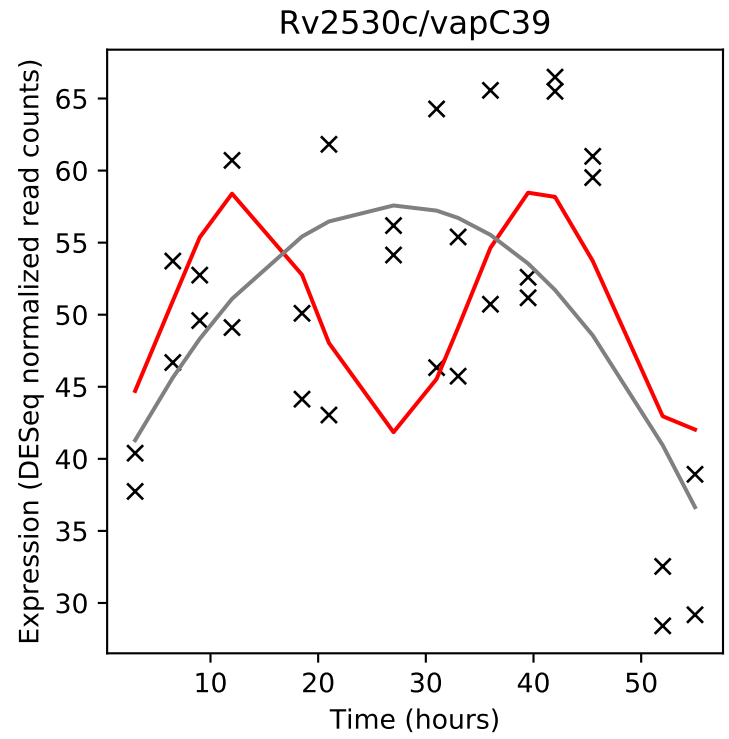

Rv2517c/-
Expression (DESeq normalized read counts)
Time (hours)

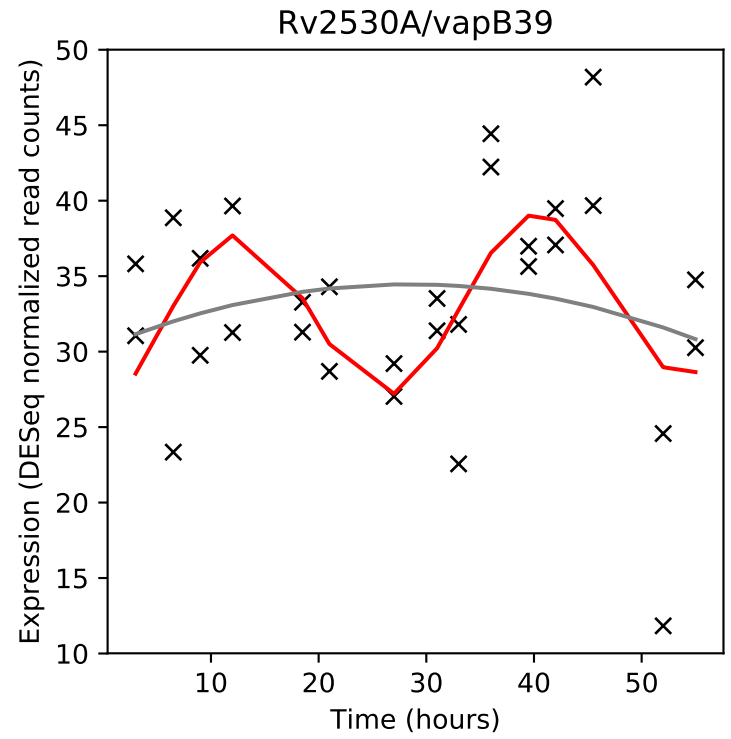

Rv2518c/ldtB
Expression (DESeq normalized read counts)
Time (hours)

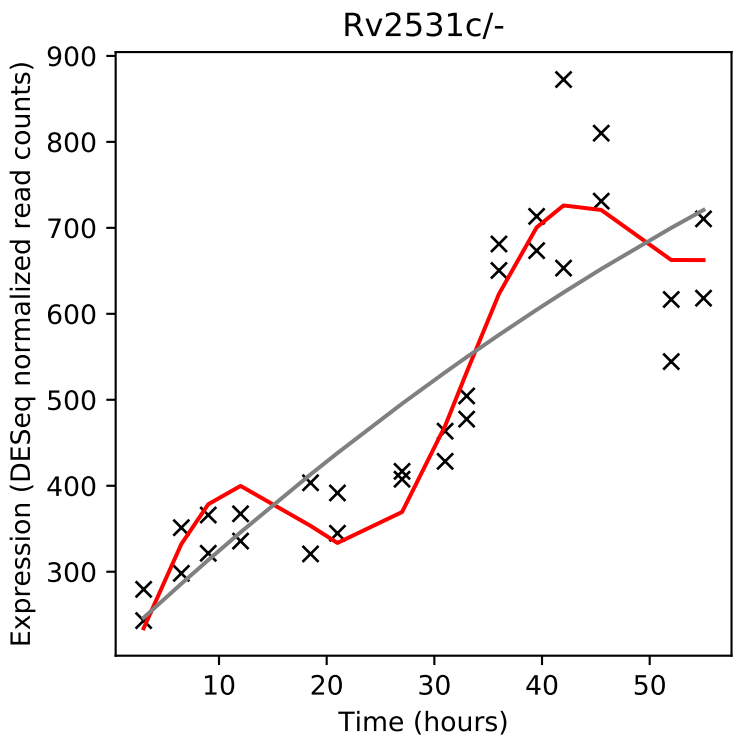

Rv2519/PE26
Expression (DESeq normalized read counts)
Time (hours)

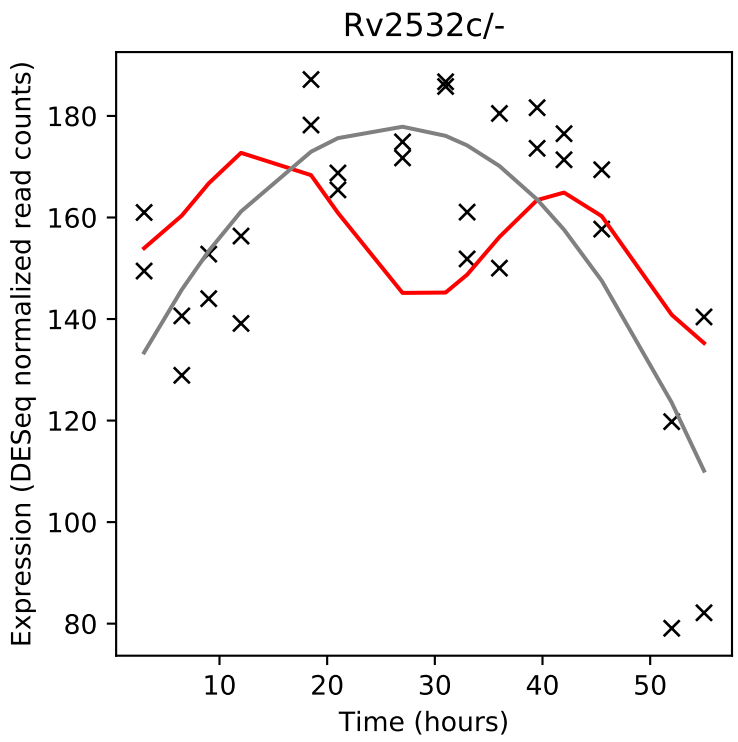

Rv2520c/-
Rv2521/bcp
Rv2522c/-
Rv2523c/acpS
Rv2524c/fas
Rv2525c/-
Rv2526/vapB17
Rv2527/vapC17
Rv2528c/mrr
Expression (DESeq normalized read counts)
Time (hours)

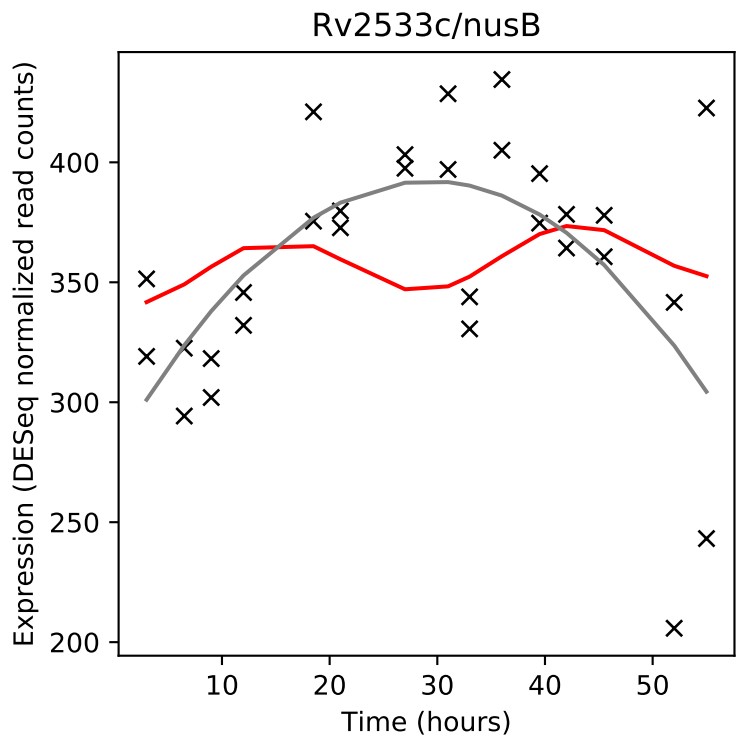

Rv2529/-
Expression (DESeq normalized read counts)
Time (hours)

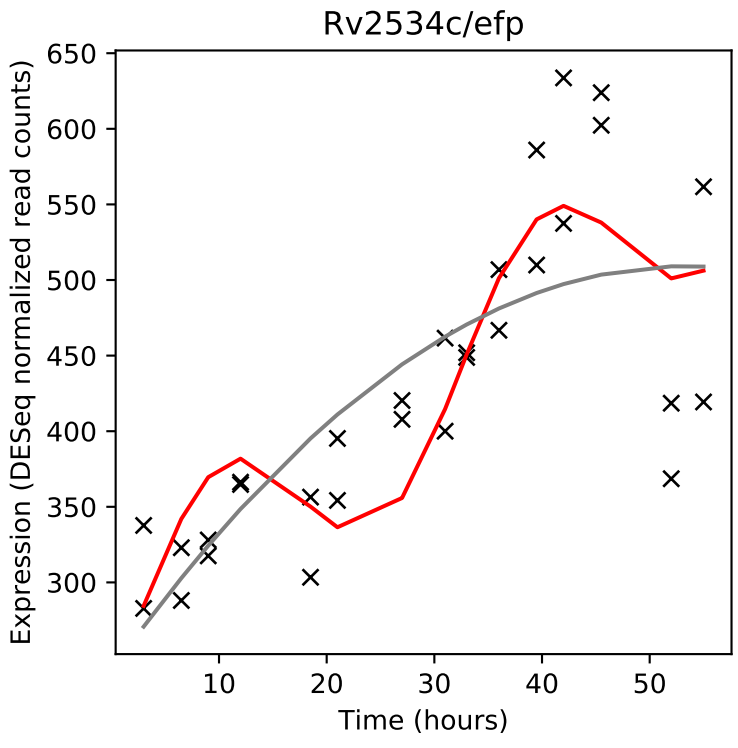

Rv2530c/vapC39
Expression (DESeq normalized read counts)
Time (hours)

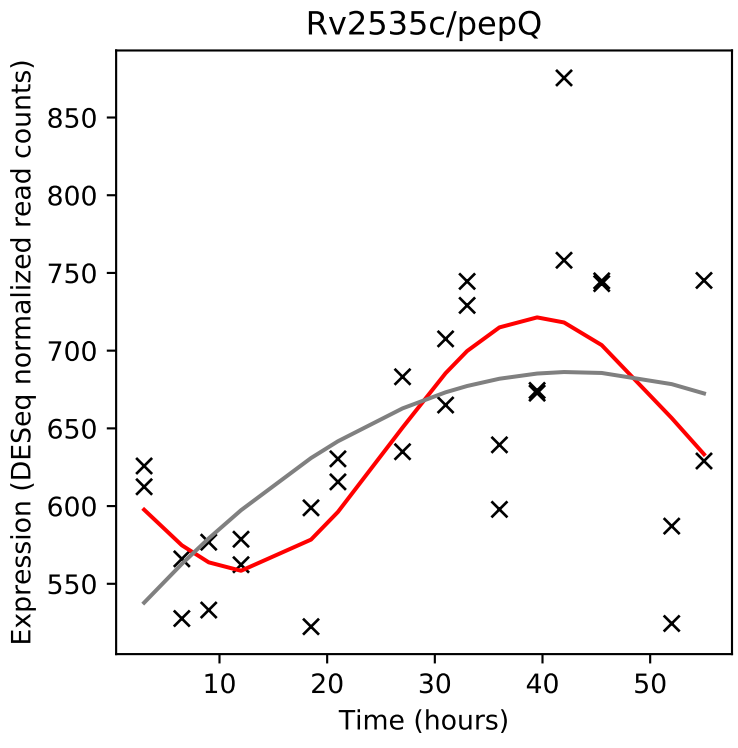

Rv2530A/vapB39
Expression (DESeq normalized read counts)
Time (hours)

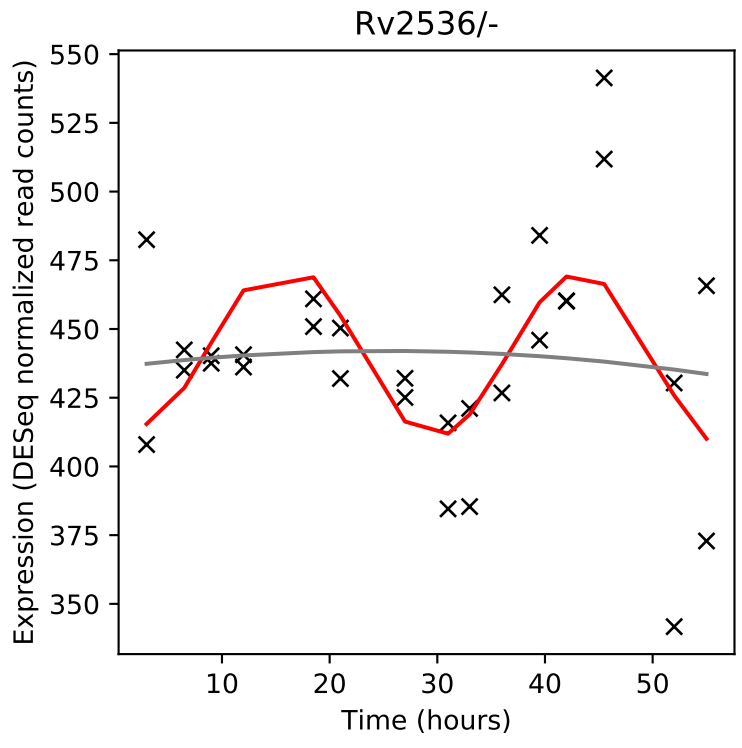

Rv2531c/-
Expression (DESeq normalized read counts)
Time (hours)

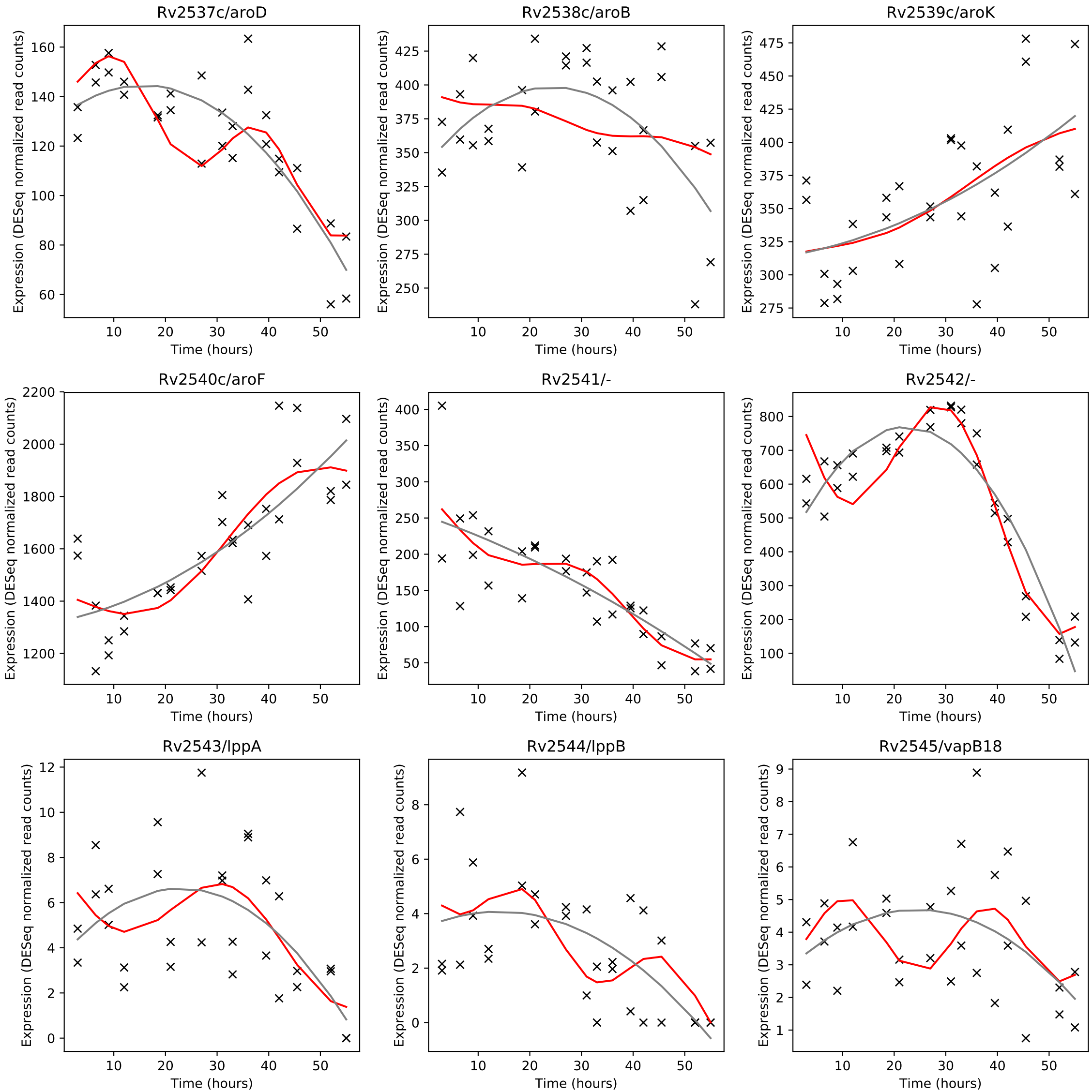

Rv2532c/-
Expression (DESeq normalized read counts)
Time (hours)

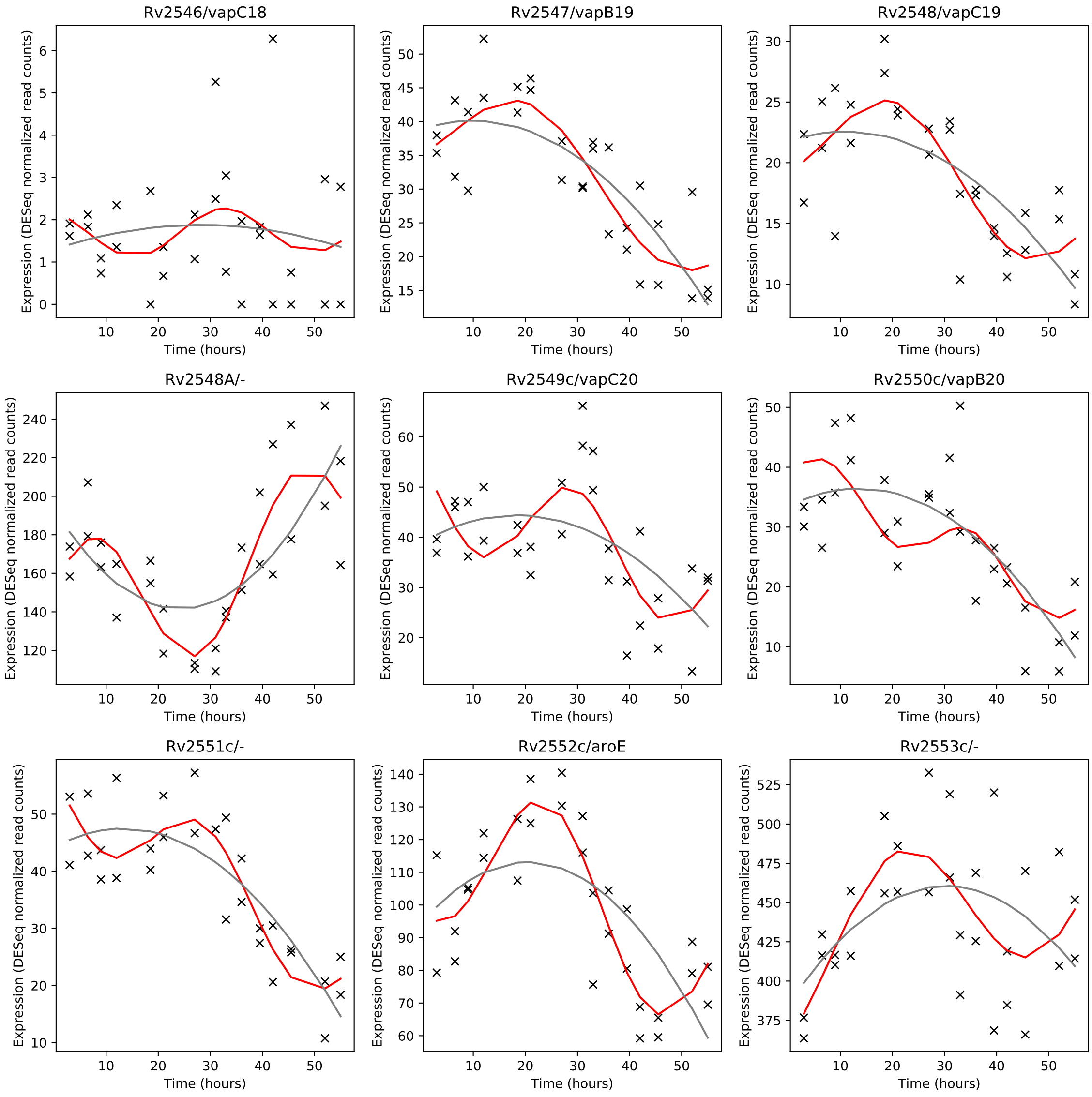

Rv2533c/nusB
Expression (DESeq normalized read counts)
Time (hours)

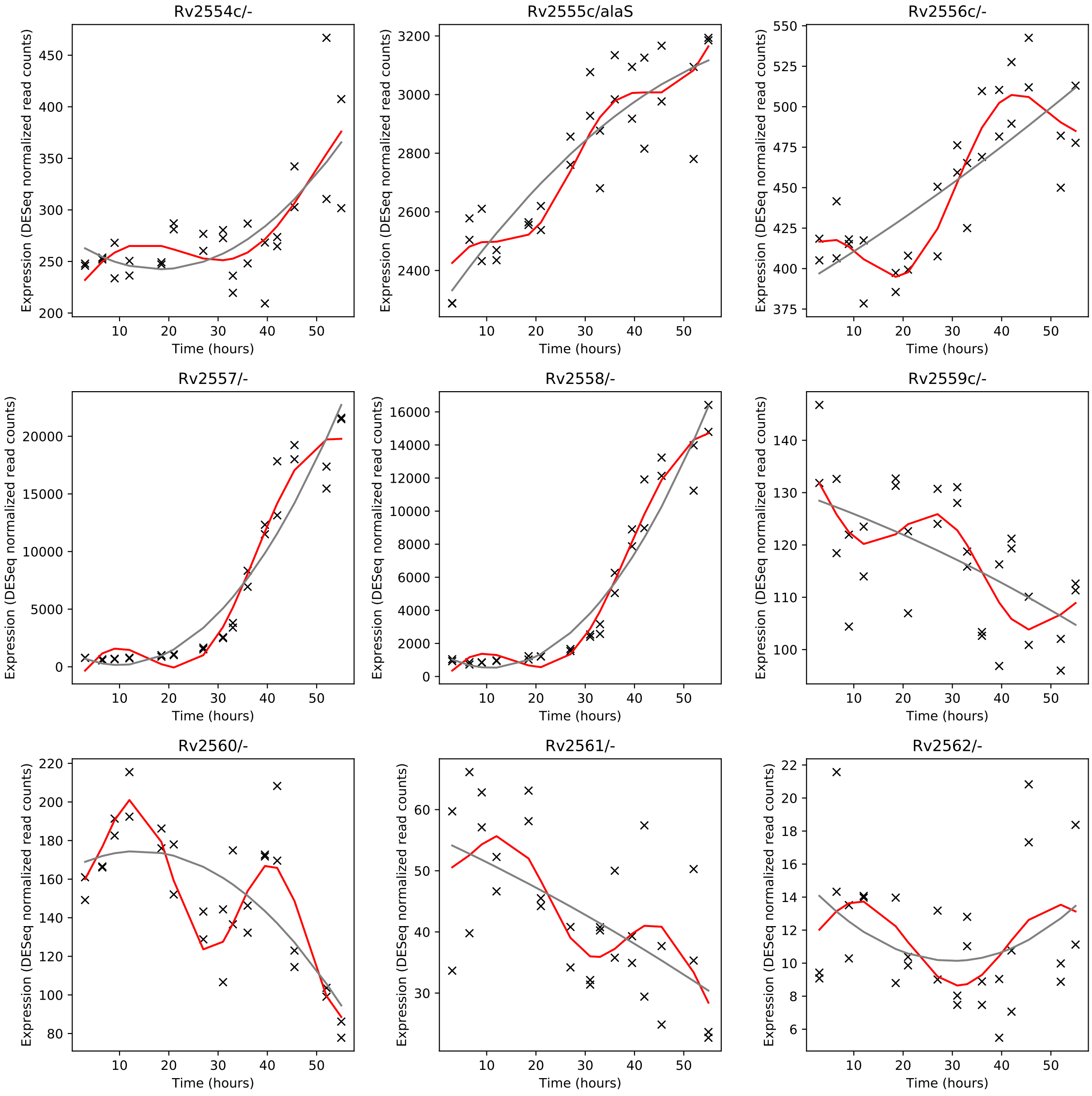

Rv2534c/efp
Expression (DESeq normalized read counts)
Time (hours)

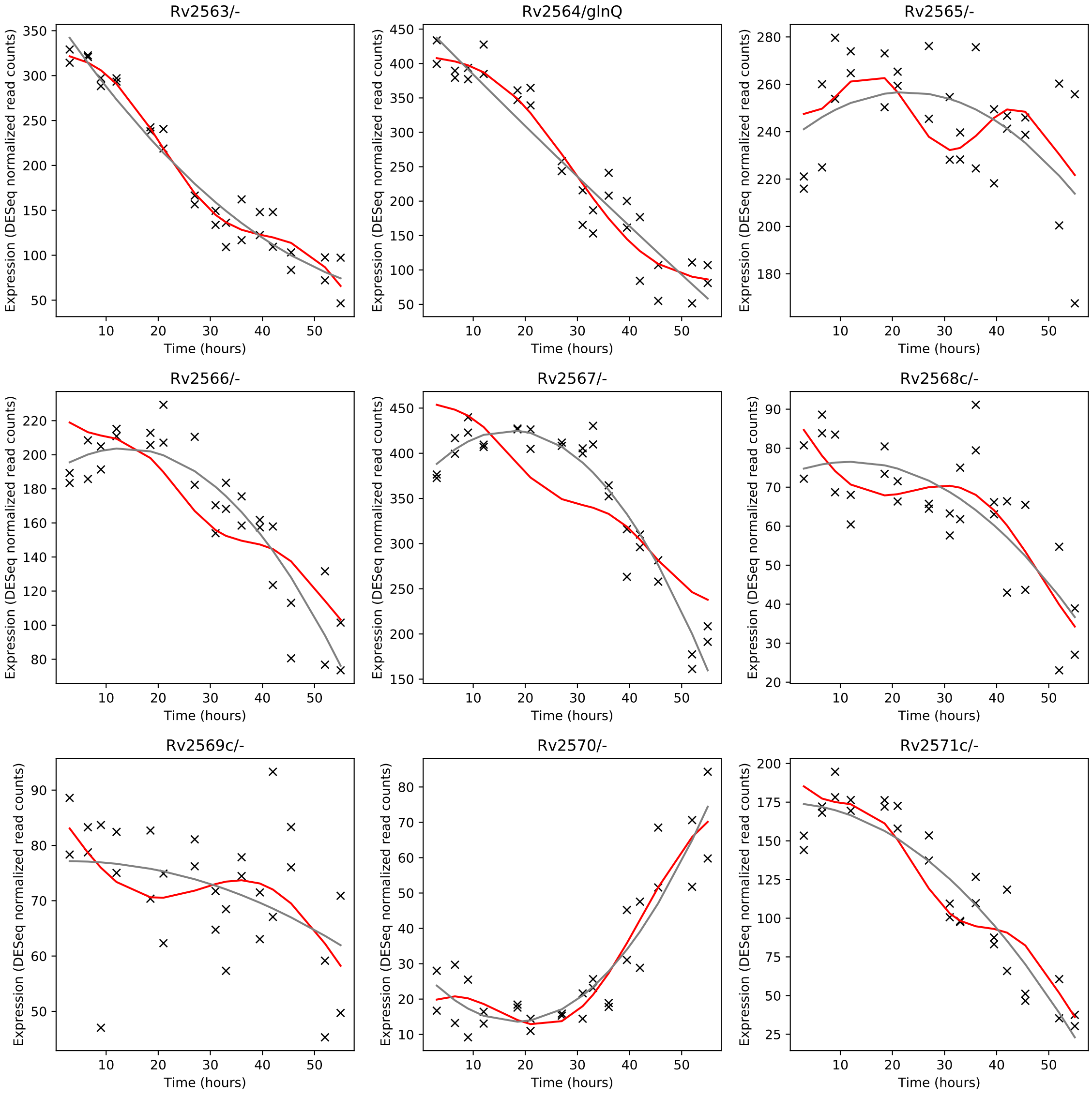

Rv2535c/pepQ
Expression (DESeq normalized read counts)
Time (hours)

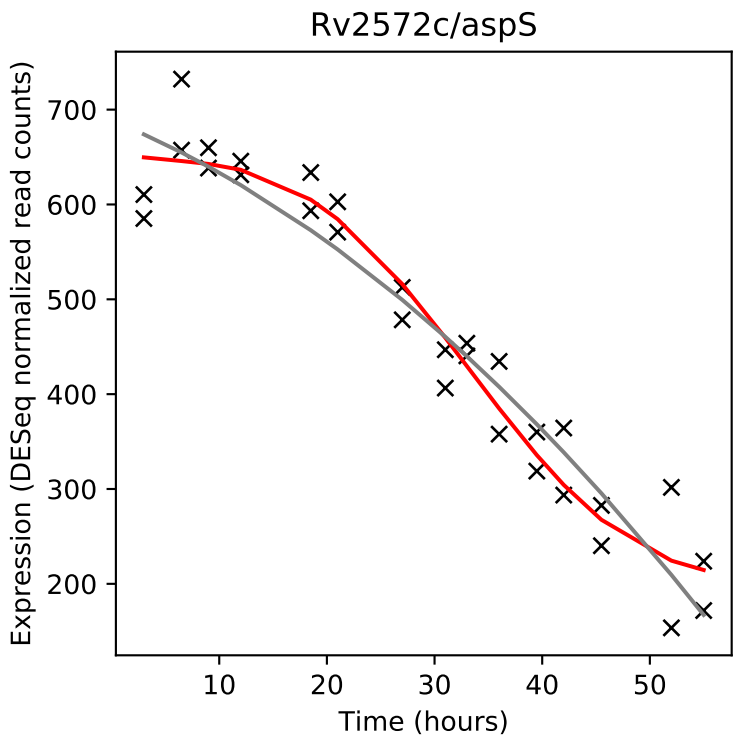

Rv2536/-
Expression (DESeq normalized read counts)
Time (hours)

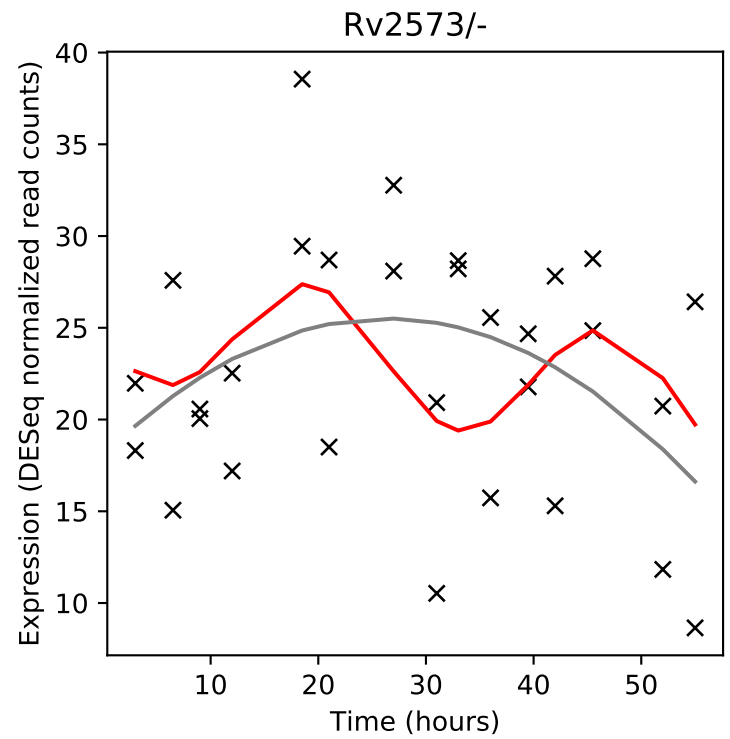

Rv2537c/aroD
Rv2538c/aroB
Rv2539c/aroK
Rv2540c/aroF
Rv2541/-
Rv2542/-
Rv2543/lppA
Rv2544/lppB
Rv2545/vapB18
Expression (DESeq normalized read counts)
Time (hours)

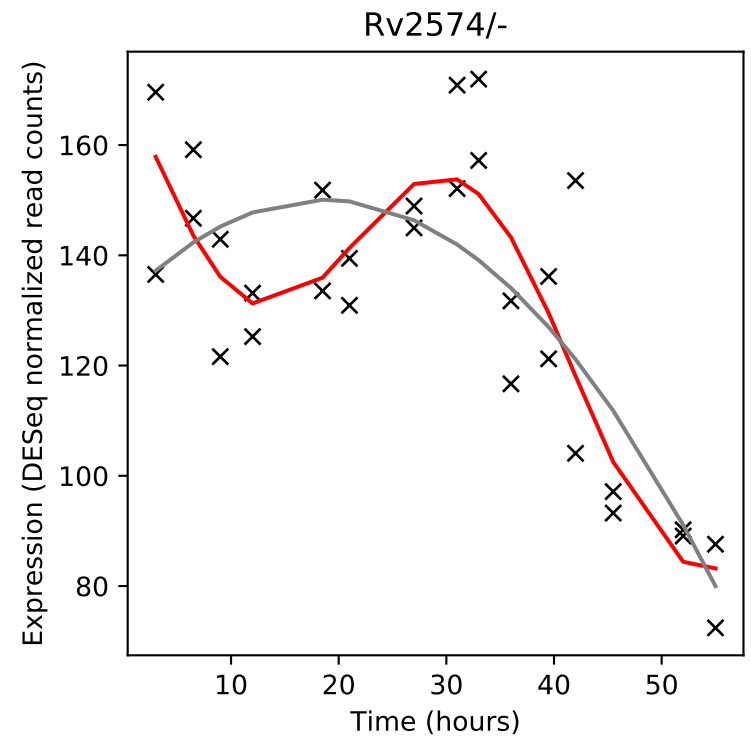

Rv2546/vapC18
Rv2547/vapB19
Rv2548/vapC19
Rv2548A/-
Rv2549c/vapC20
Rv2550c/vapB20
Rv2551c/-
Rv2552c/aroE
Rv2553c/-
Expression (DESeq normalized read counts)
Time (hours)

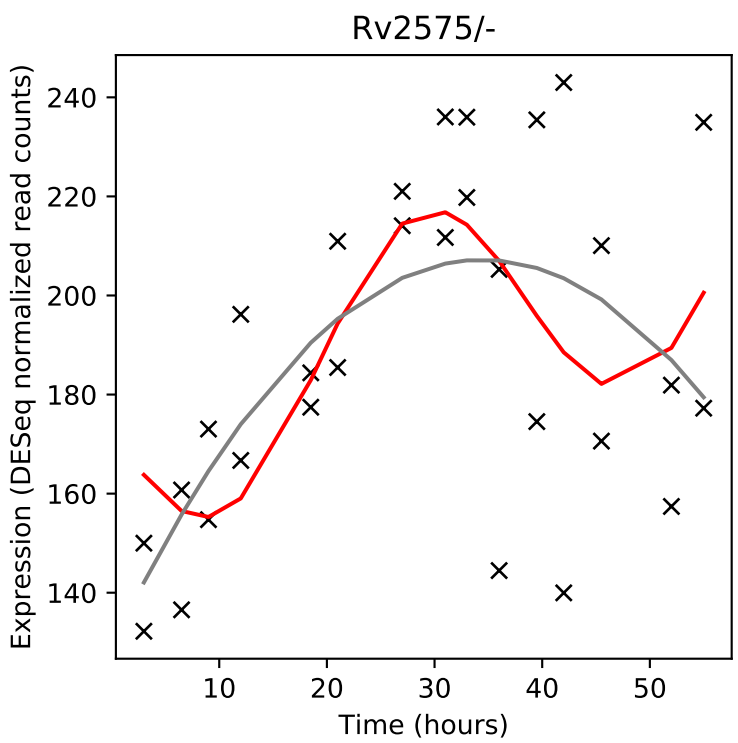

Rv2554c/-
Rv2555c/alaS
Rv2556c/-
Rv2557/-
Rv2558/-
Rv2559c/-
Rv2560/-
Rv2561/-
Rv2562/-
Expression (DESeq normalized read counts)
Time (hours)

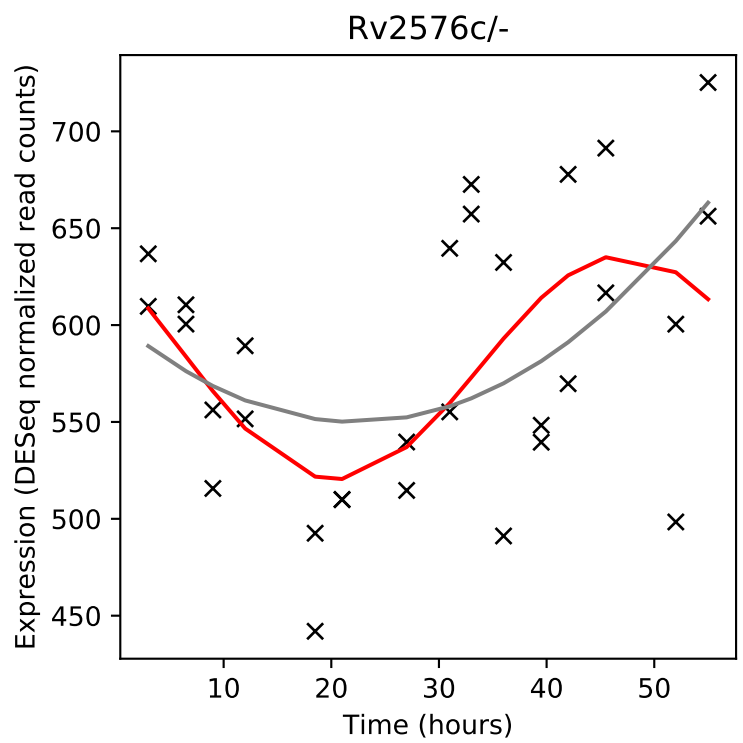

Rv2563/-
Rv2564/glnQ
Rv2565/-
Rv2566/-
Rv2567/-
Rv2568c/-
Rv2569c/-
Rv2570/-
Rv2571c/-
Expression (DESeq normalized read counts)
Time (hours)

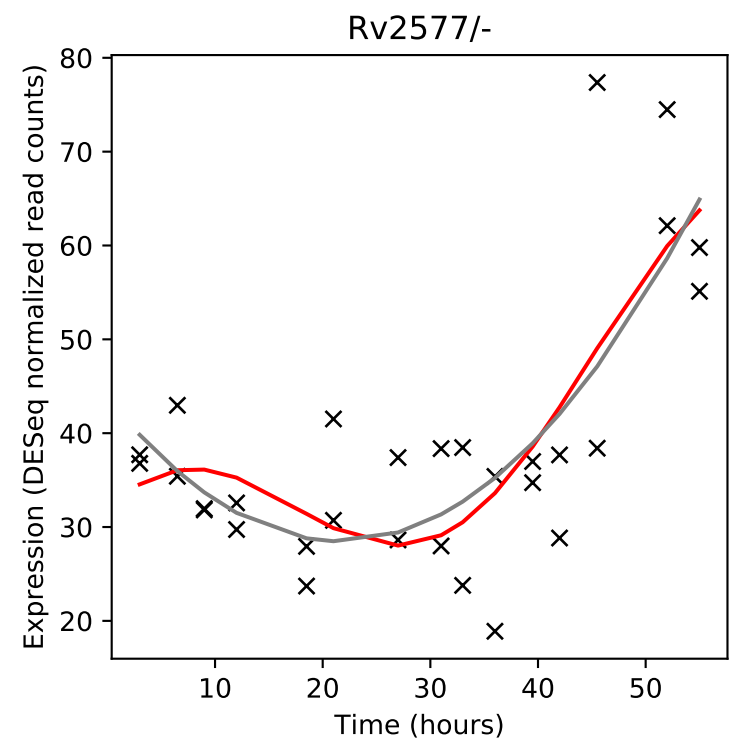

Rv2572c/aspS
Expression (DESeq normalized read counts)
Time (hours)

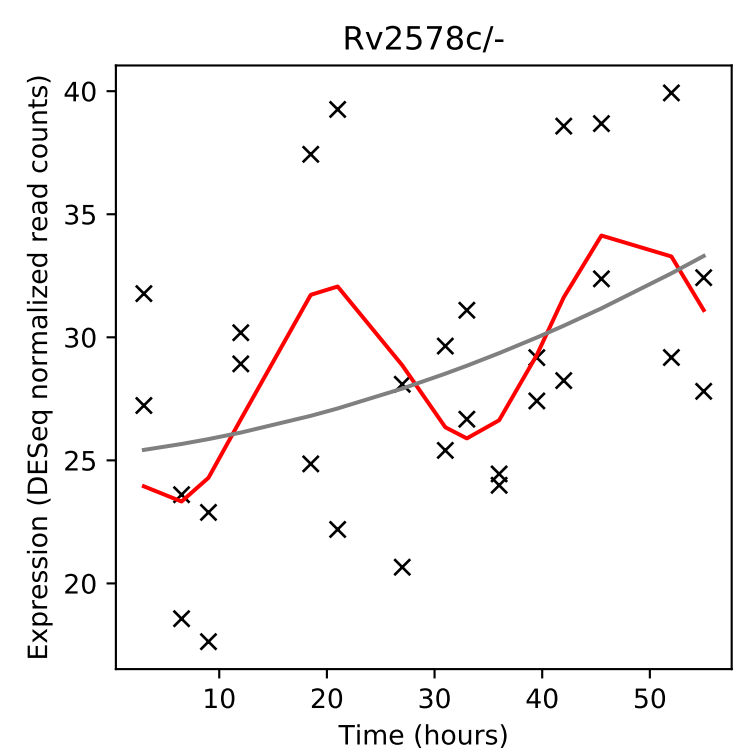

Rv2573/-
Expression (DESeq normalized read counts)
Time (hours)

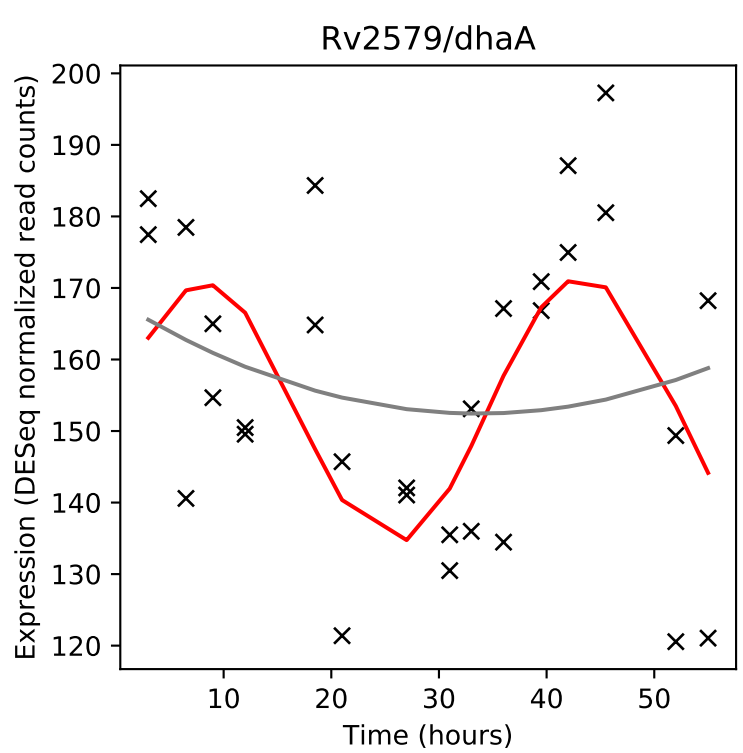

Rv2574/-
Expression (DESeq normalized read counts)
Time (hours)

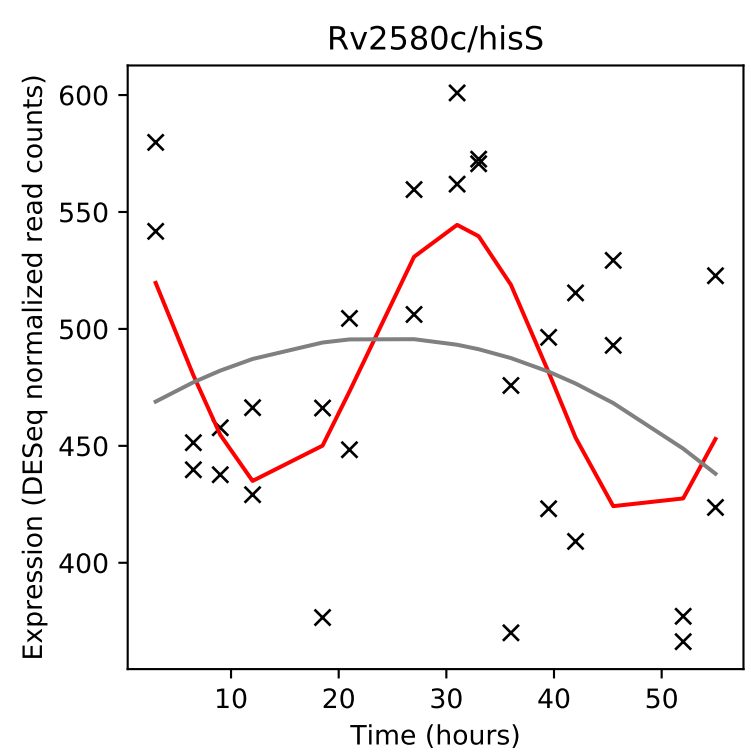

Rv2575/-
Expression (DESeq normalized read counts)
Time (hours)

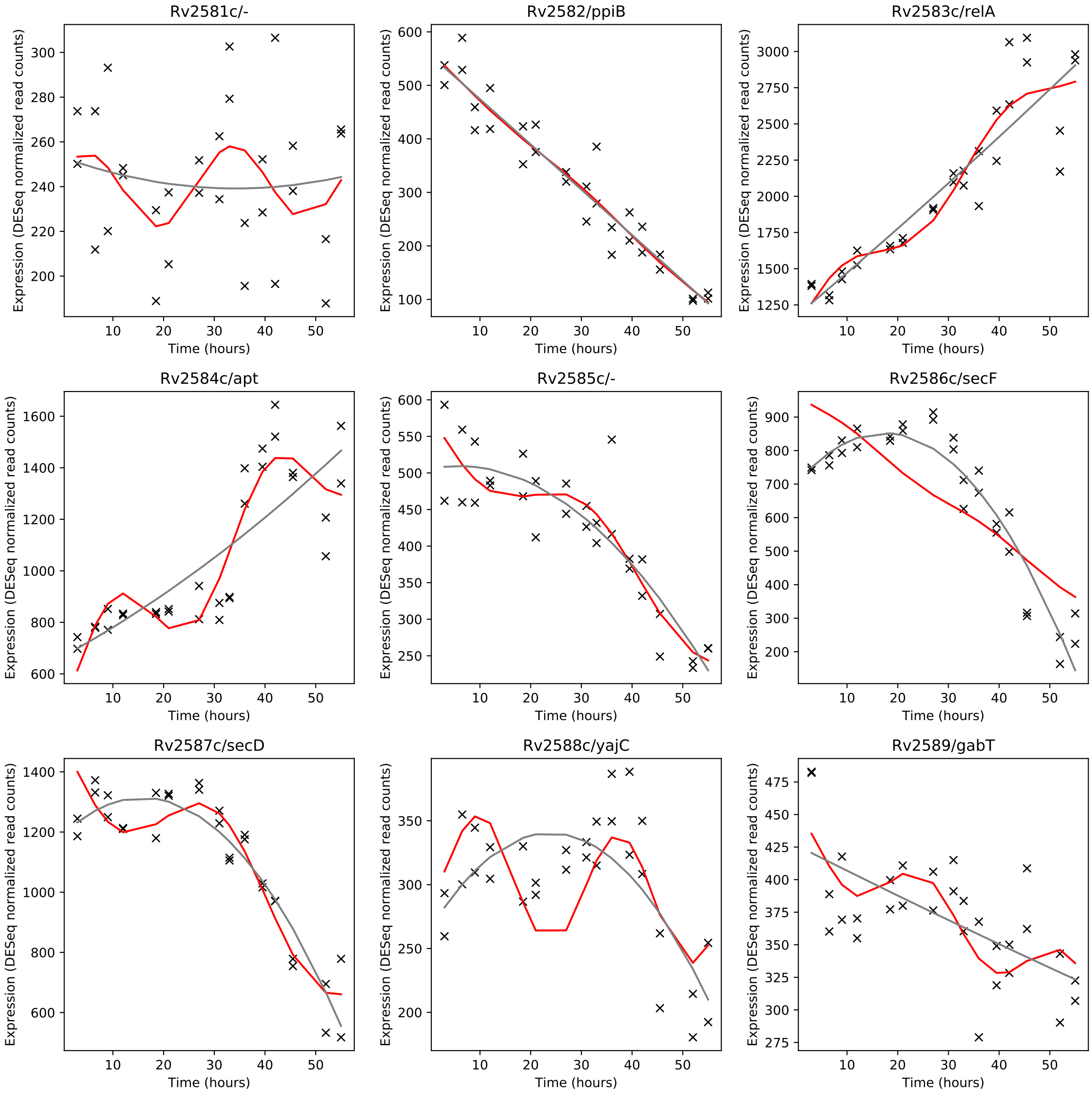

Rv2576c/-
Expression (DESeq normalized read counts)
Time (hours)

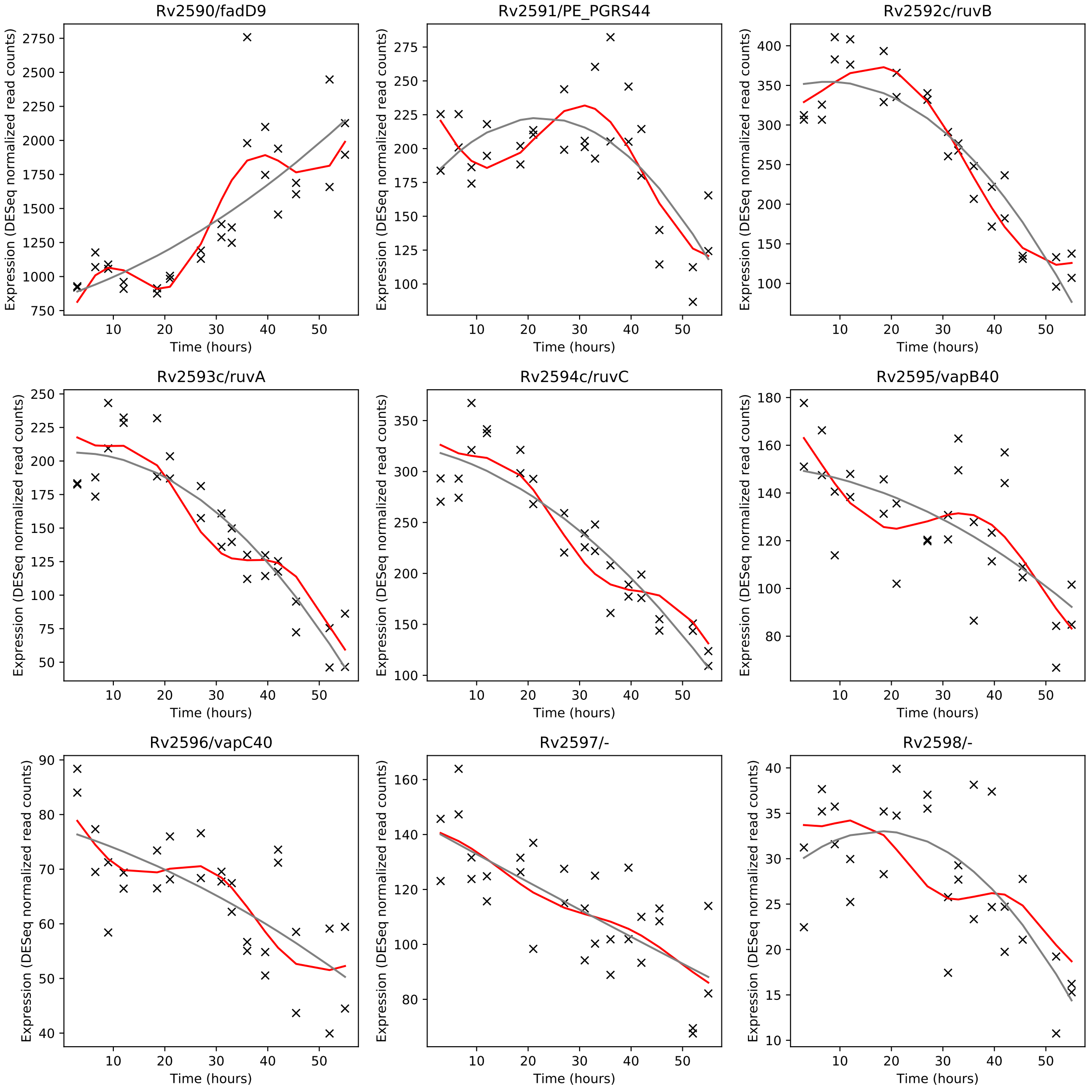

Rv2577/-
Expression (DESeq normalized read counts)
Time (hours)

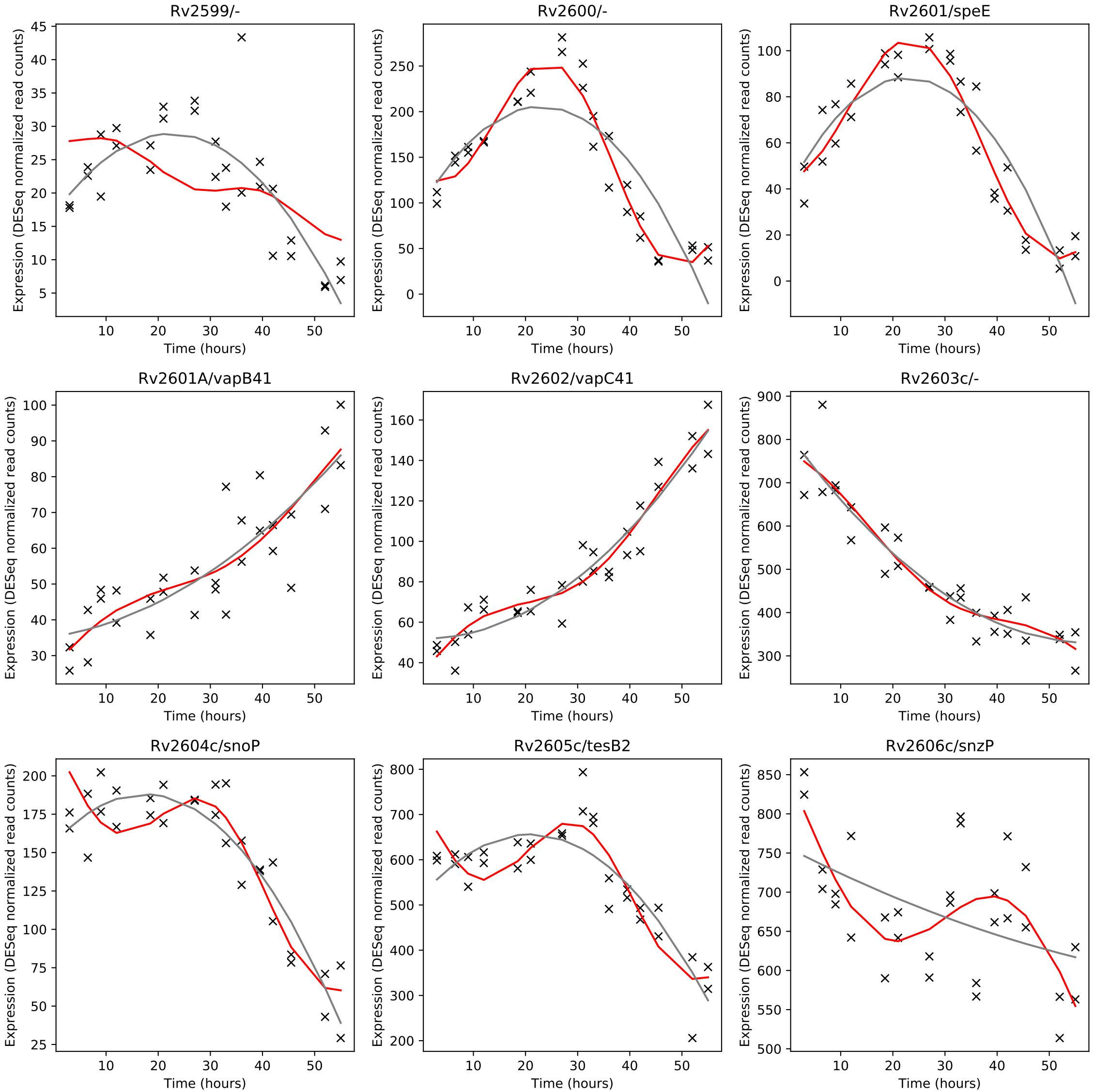

Rv2578c/-
Expression (DESeq normalized read counts)
Time (hours)

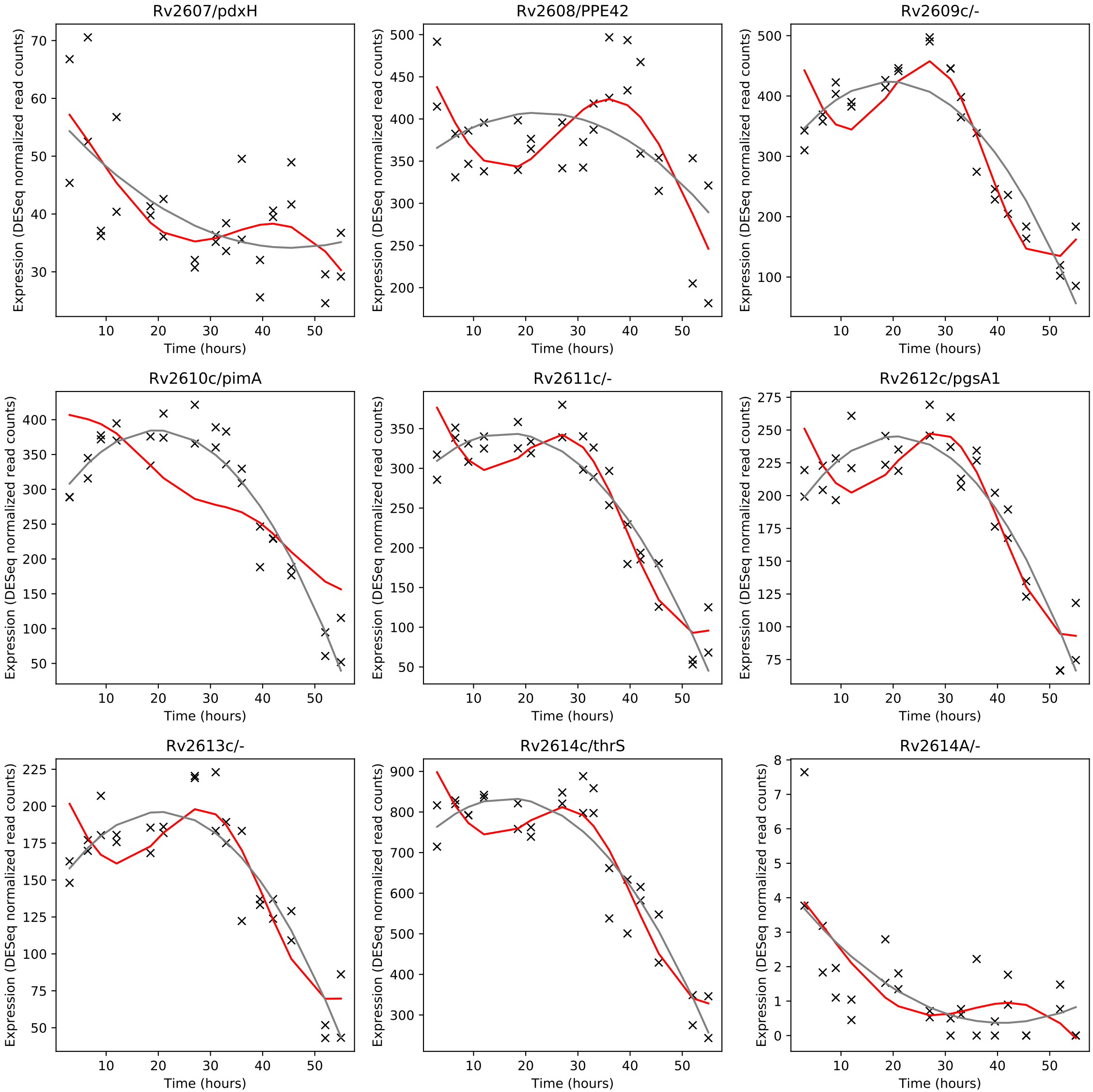

Rv2579/dhaA
Expression (DESeq normalized read counts)
Time (hours)

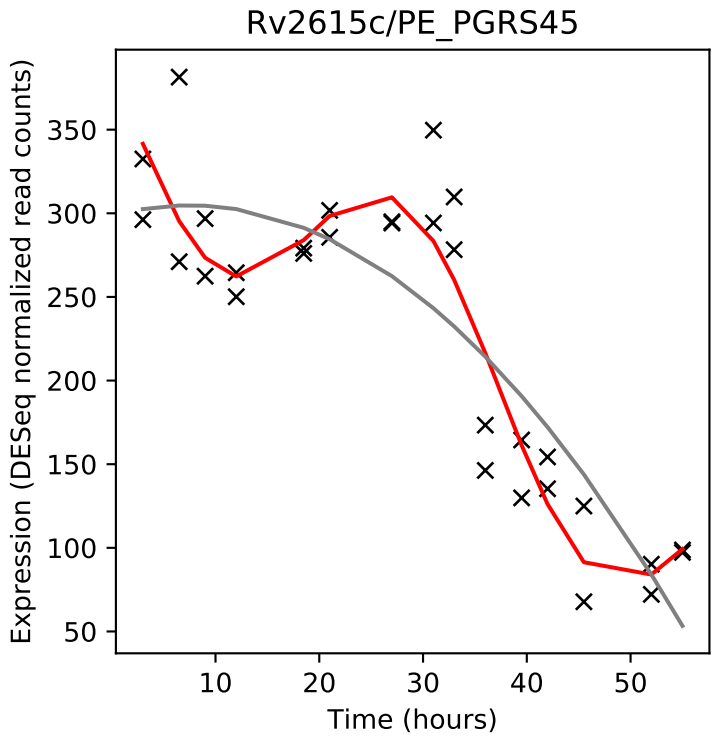

Rv2580c/hisS
Expression (DESeq normalized read counts)
Time (hours)

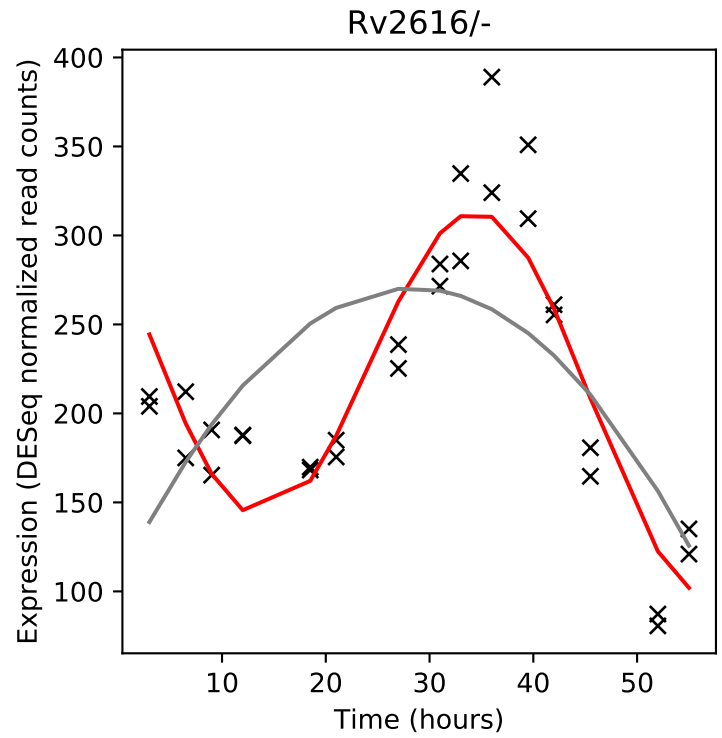

Rv2581c/-
Rv2582/ppiB
Rv2583c/relA
Rv2584c/apt
Rv2585c/-
Rv2586c/secF
Rv2587c/secD
Rv2588c/yajC
Rv2589/gabT
Expression (DESeq normalized read counts)
Time (hours)

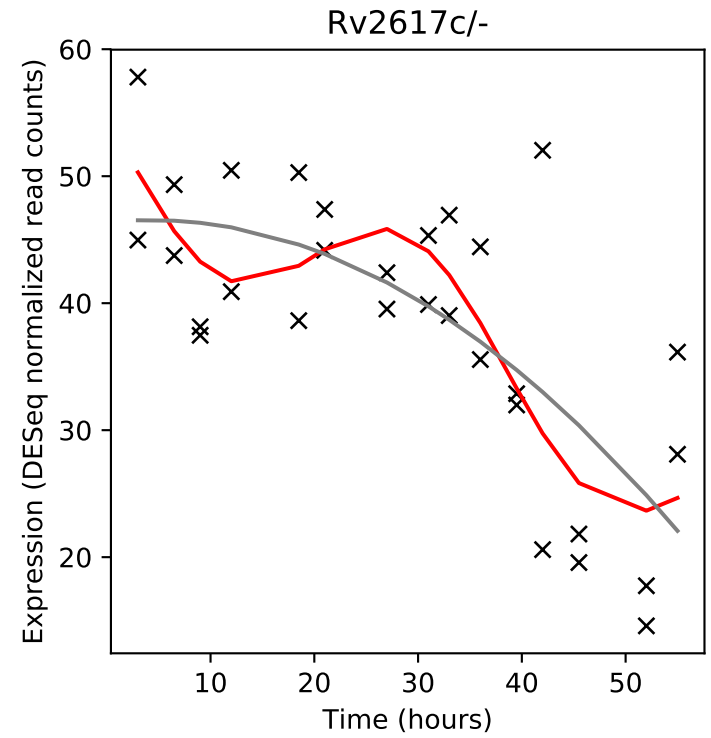

Rv2590/fadD9
Rv2591/PE_PGRS44
Rv2592c/ruvB
Rv2593c/ruvA
Rv2594c/ruvC
Rv2595/vapB40
Rv2596/vapC40
Rv2597/-
Rv2598/-
Expression (DESeq normalized read counts)
Time (hours)

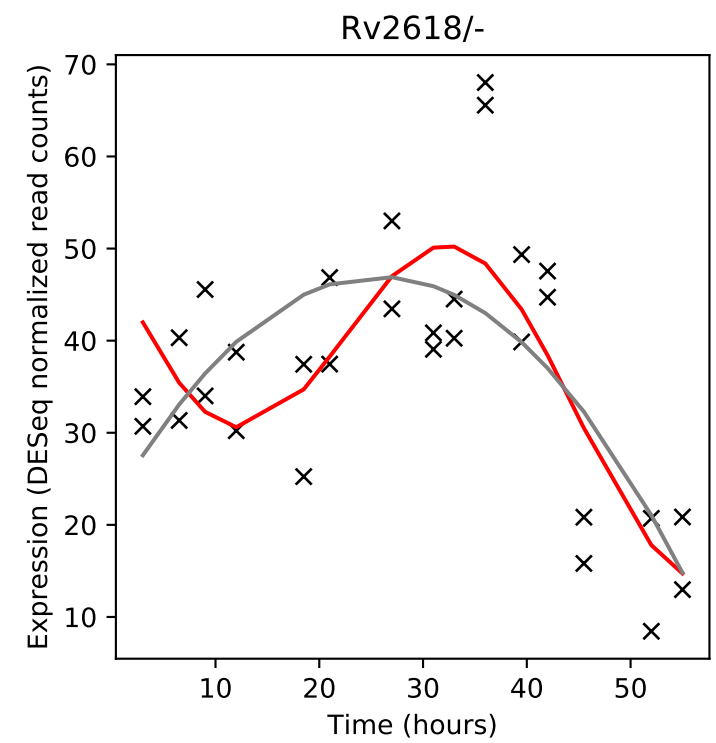

Rv2599/-
Rv2600/-
Rv2601/speE
Rv2601A/vapB41
Rv2602/vapC41
Rv2603c/-
Rv2604c/snoP
Rv2605c/tesB2
Rv2606c/snzP
Expression (DESeq normalized read counts)
Time (hours)

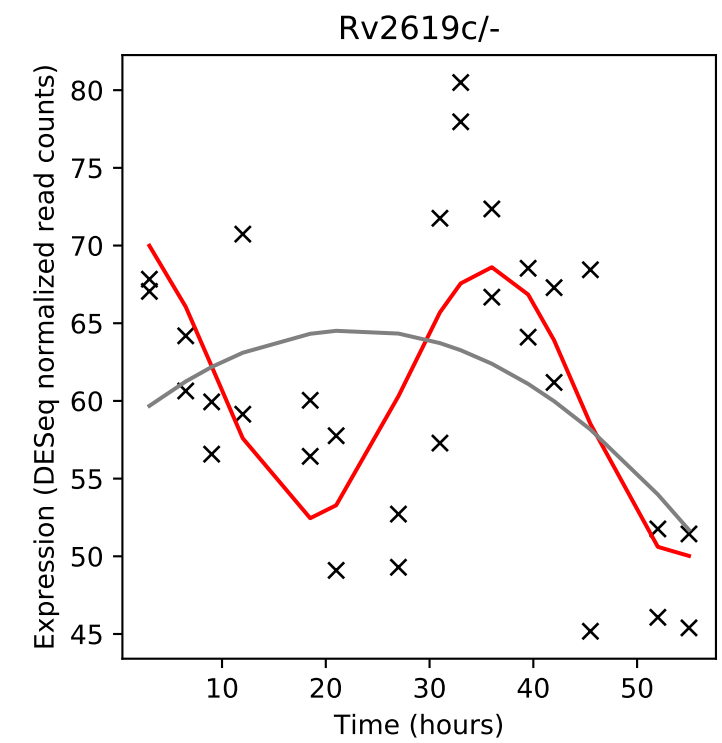

Rv2607/pdxH
Rv2608/PPE42
Rv2609c/-
Rv2610c/pimA
Rv2611c/-
Rv2612c/pgsA1
Rv2613c/-
Rv2614c/thrS
Rv2614A/-
Expression (DESeq normalized read counts)
Time (hours)

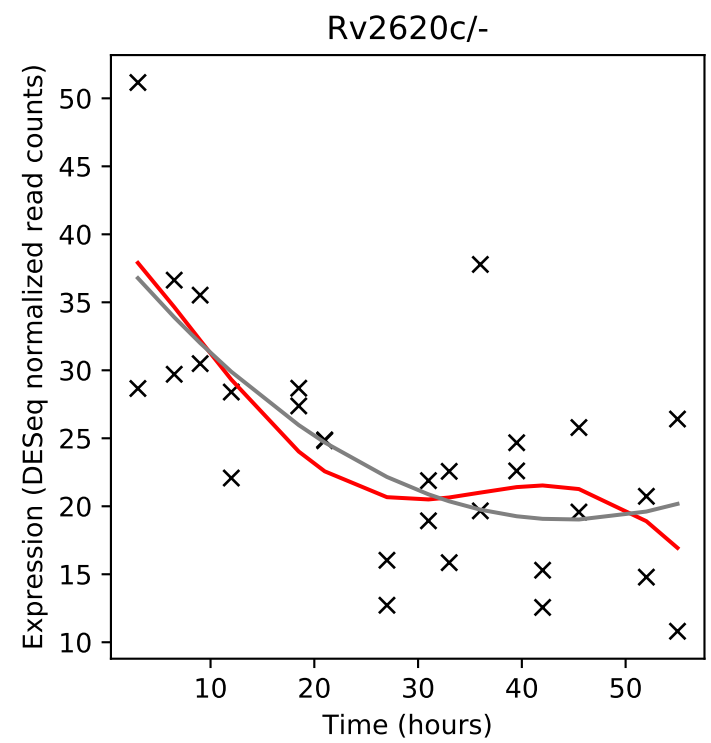

Rv2615c/PE_PGRS45
Expression (DESeq normalized read counts)
Time (hours)

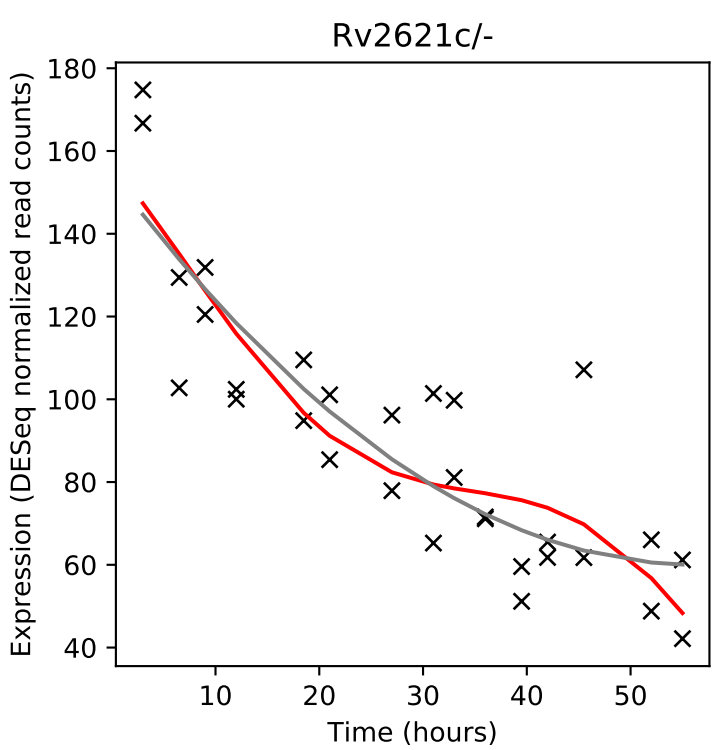

Rv2616/-
Expression (DESeq normalized read counts)
Time (hours)

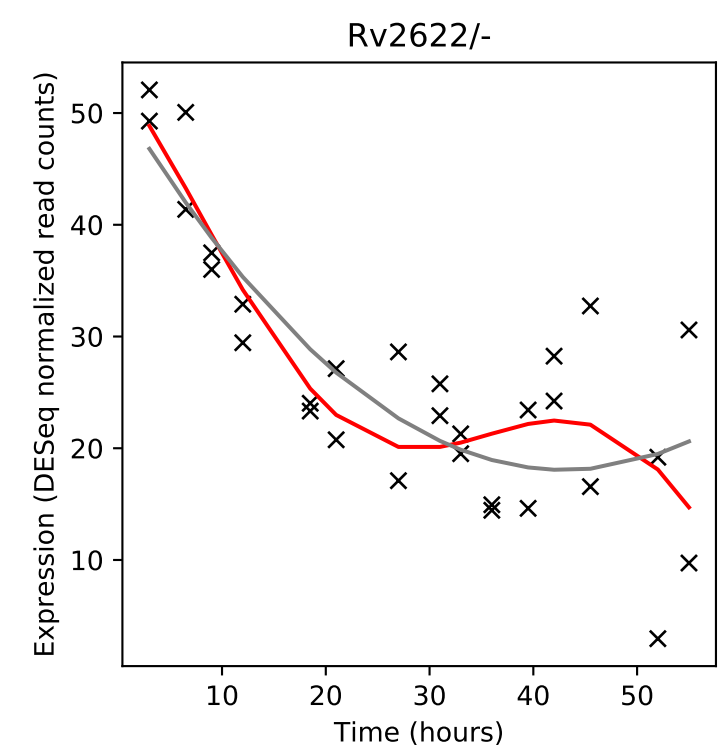

Rv2617c/-
Expression (DESeq normalized read counts)
Time (hours)

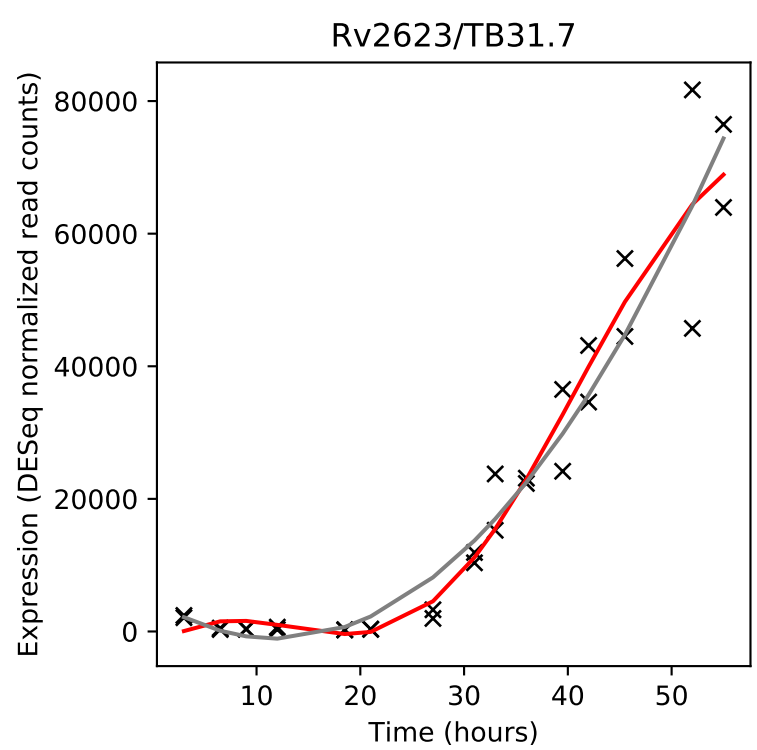

Rv2618/-
Expression (DESeq normalized read counts)
Time (hours)

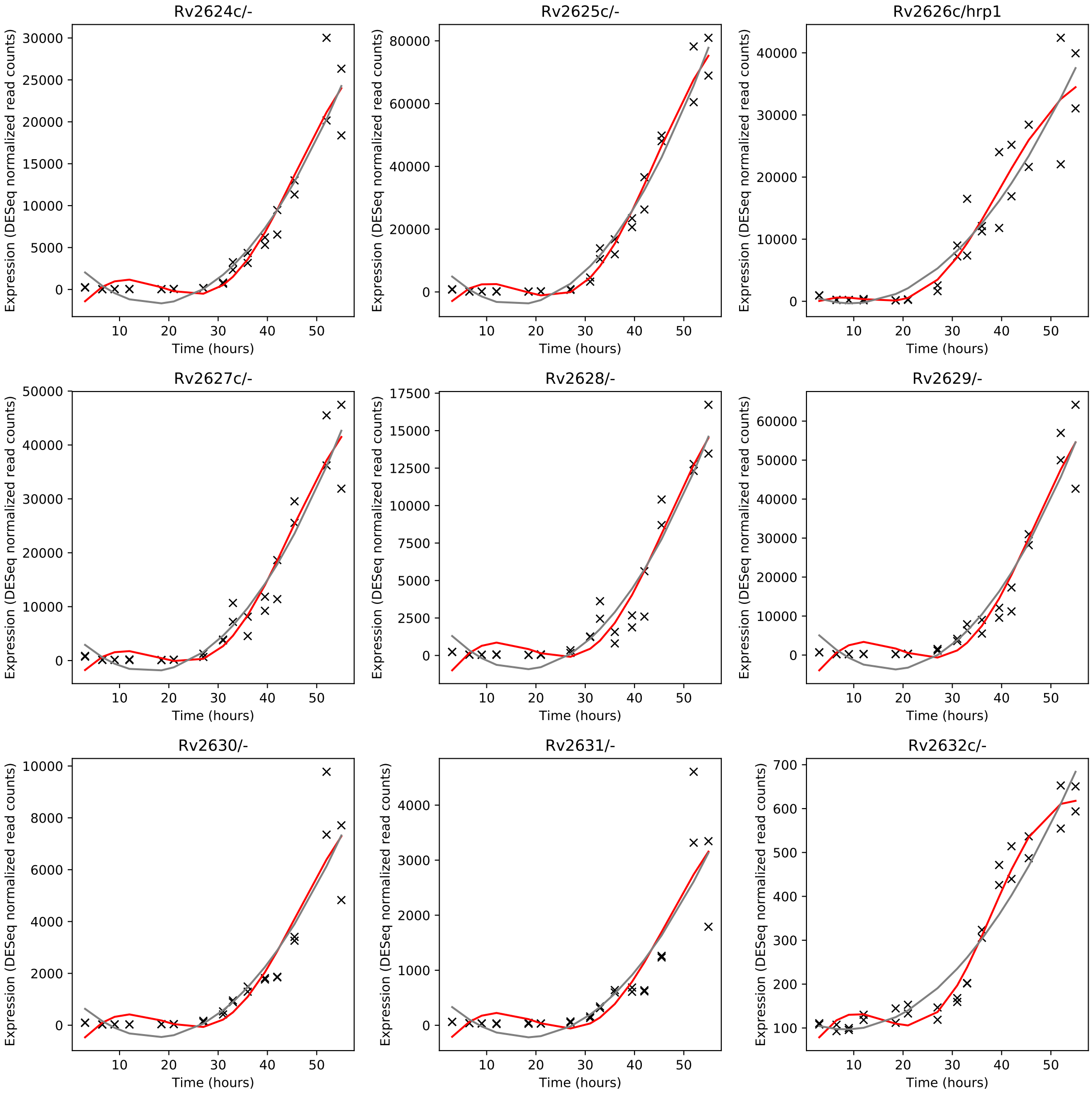

Rv2619c/-
Expression (DESeq normalized read counts)
Time (hours)

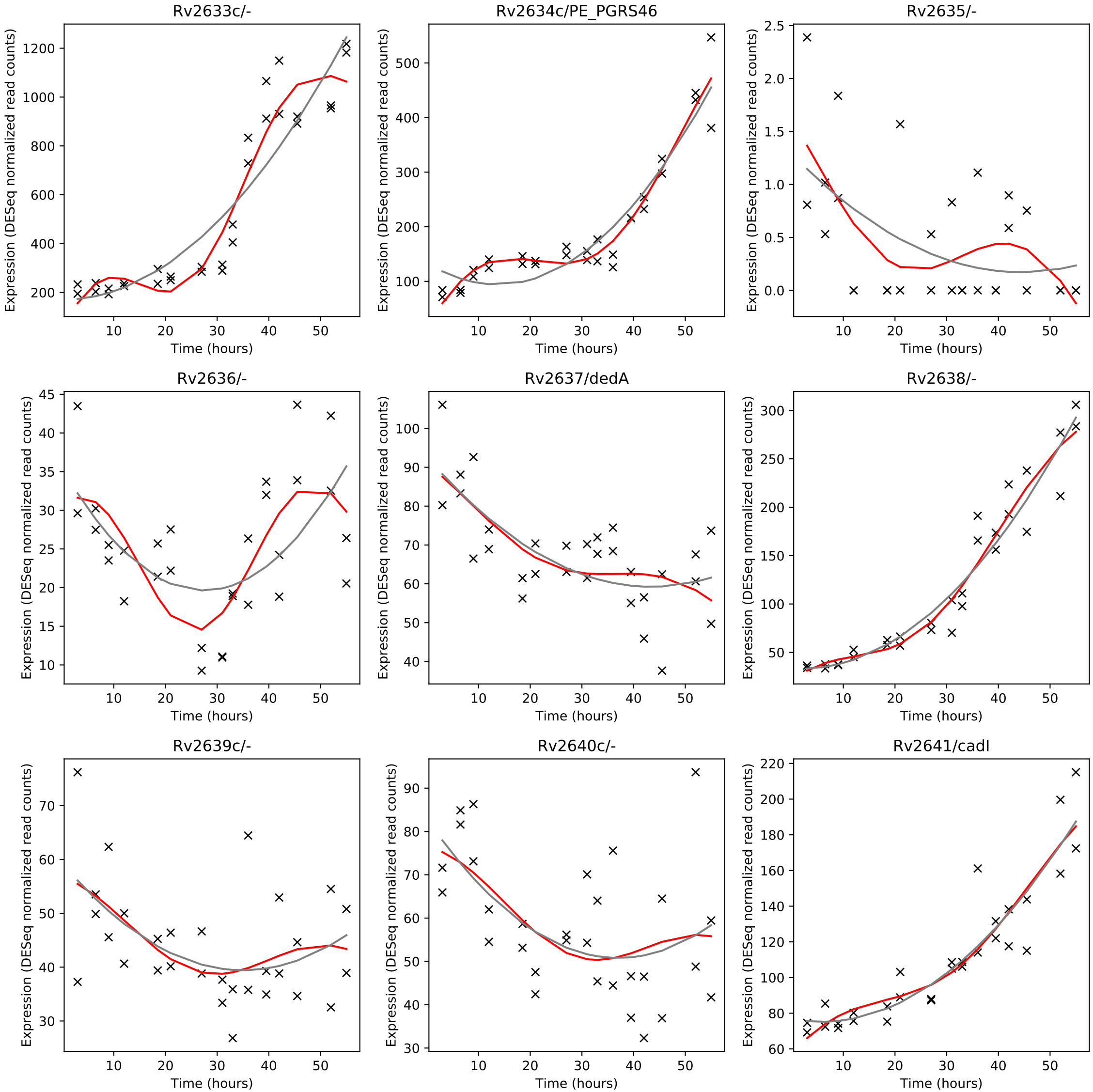

Rv2620c/-
Expression (DESeq normalized read counts)
Time (hours)

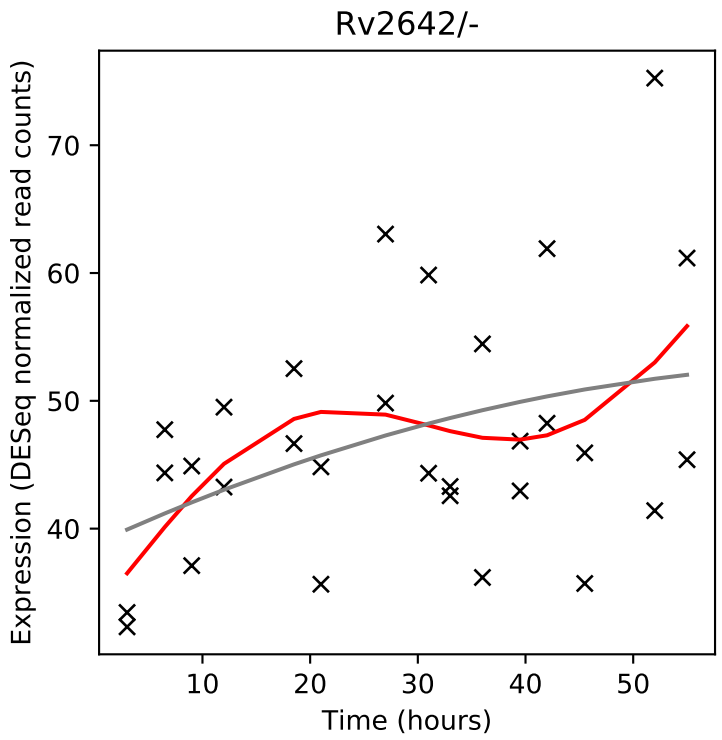

Rv2621c/-
Expression (DESeq normalized read counts)
Time (hours)

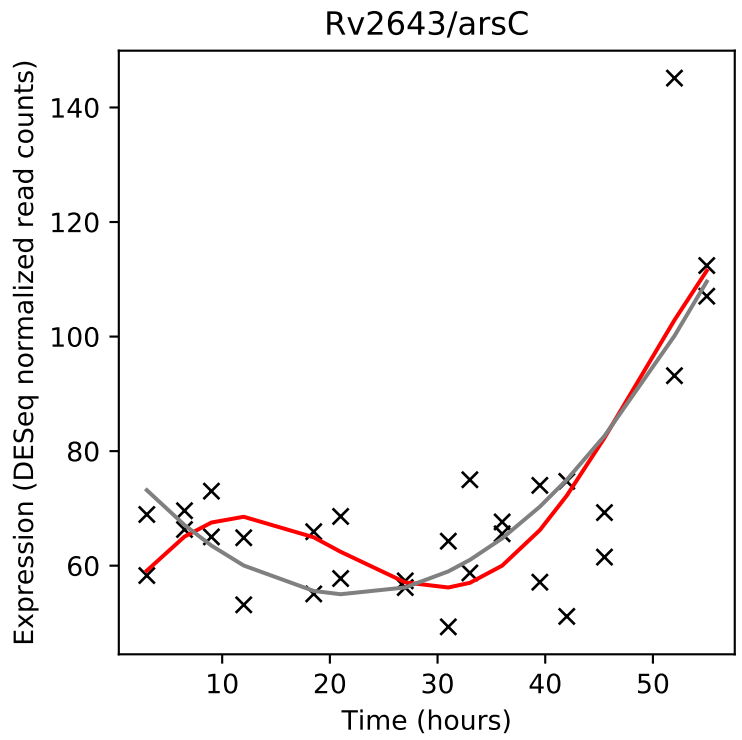

Rv2622/-
Expression (DESeq normalized read counts)
Time (hours)

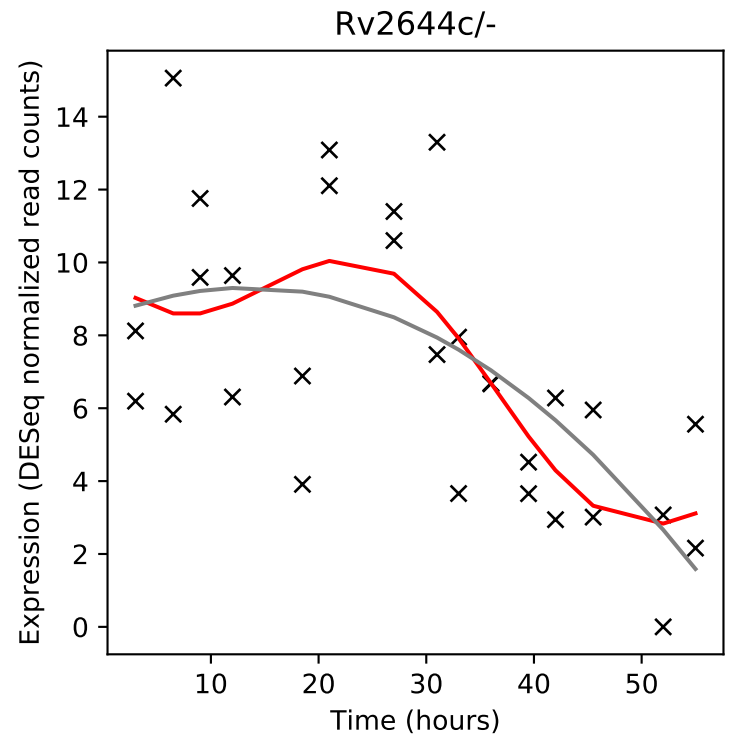

Rv2623/TB31.7
Expression (DESeq normalized read counts)
Time (hours)

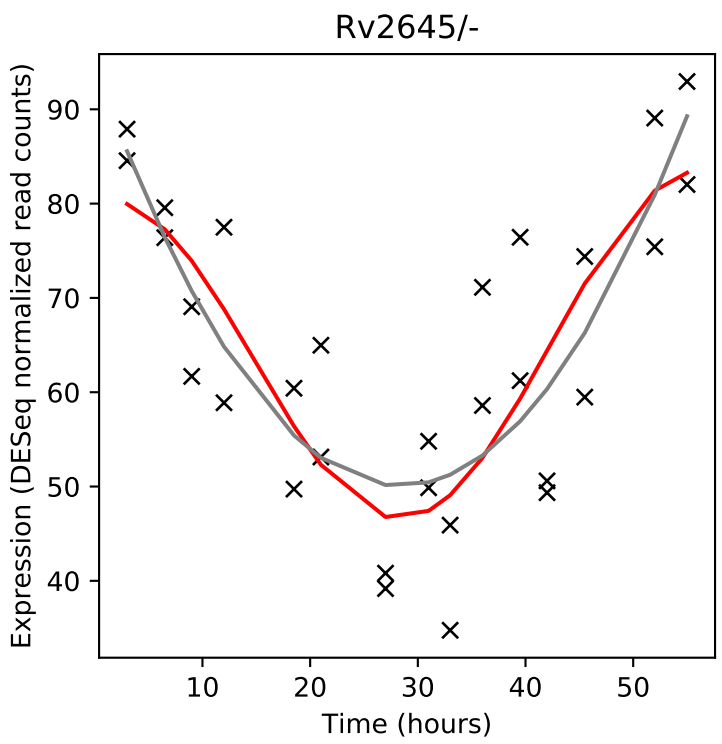

Rv2624c/-
Rv2625c/-
Rv2626c/hrp1
Rv2627c/-
Rv2628/-
Rv2629/-
Rv2630/-
Rv2631/-
Rv2632c/-
Expression (DESeq normalized read counts)
Time (hours)

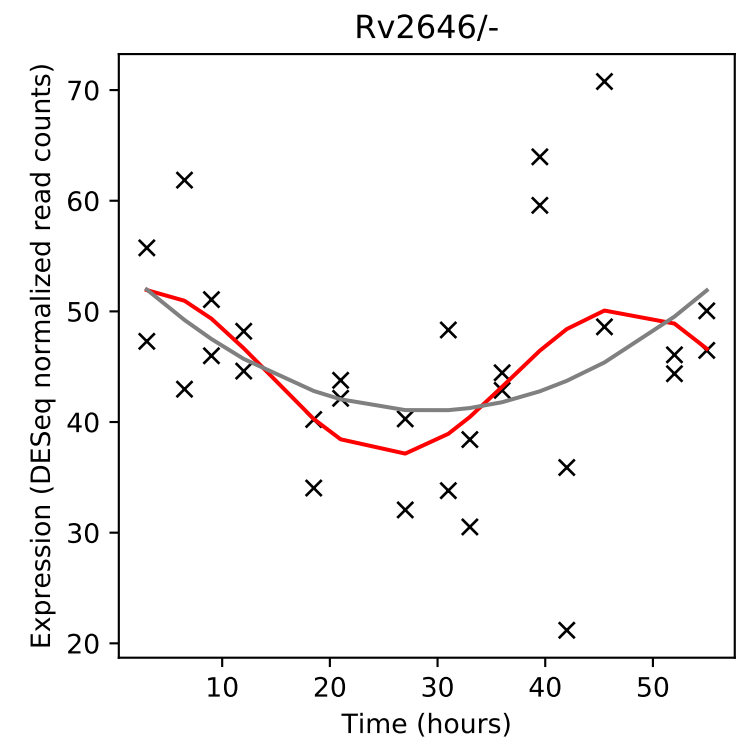

Rv2633c/-
Rv2634c/PE_PGRS46
Rv2635/-
Rv2636/-
Rv2637/dedA
Rv2638/-
Rv2639c/-
Rv2640c/-
Rv2641/cadI
Expression (DESeq normalized read counts)
Time (hours)

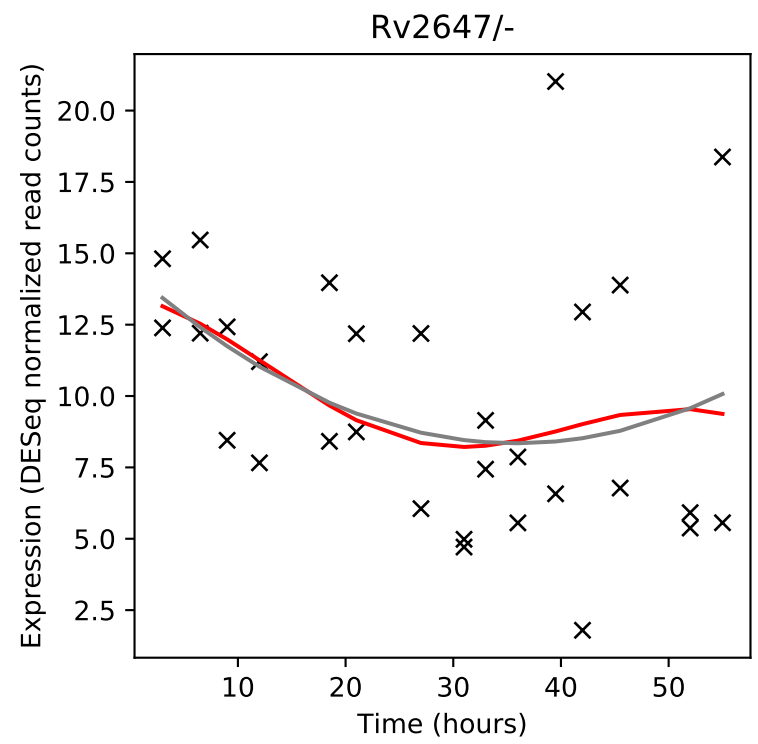

Rv2642/-
Expression (DESeq normalized read counts)
Time (hours)

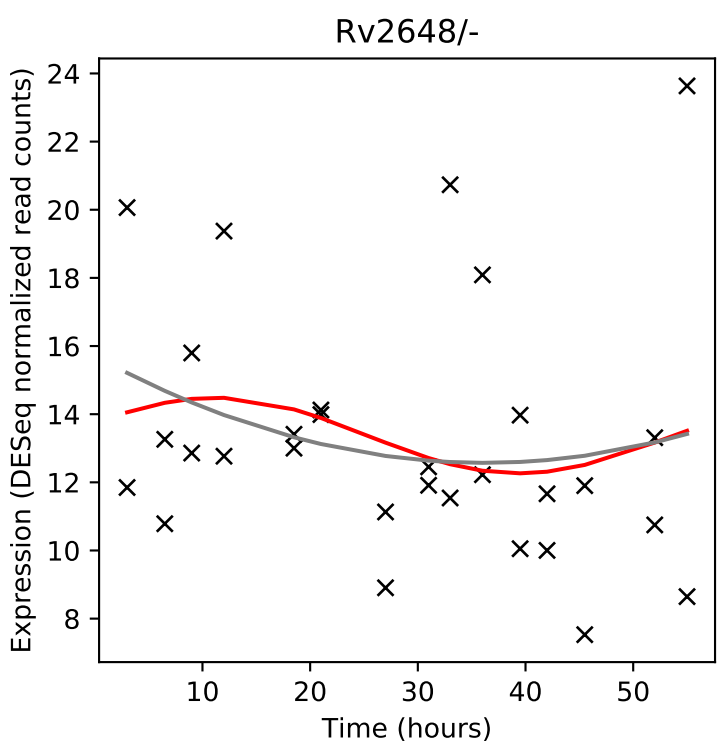

Rv2643/arsC
Expression (DESeq normalized read counts)
Time (hours)

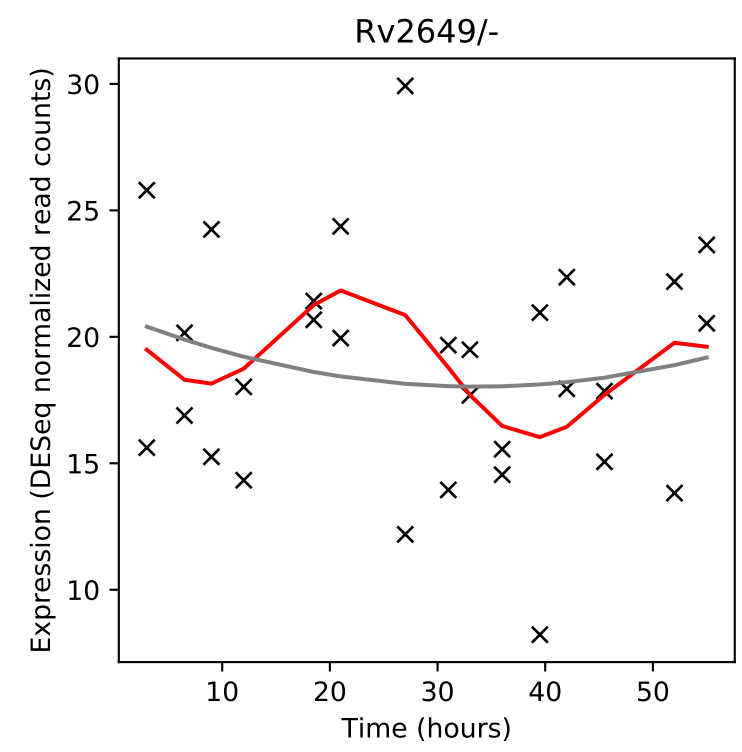

Rv2644c/-
Expression (DESeq normalized read counts)
Time (hours)

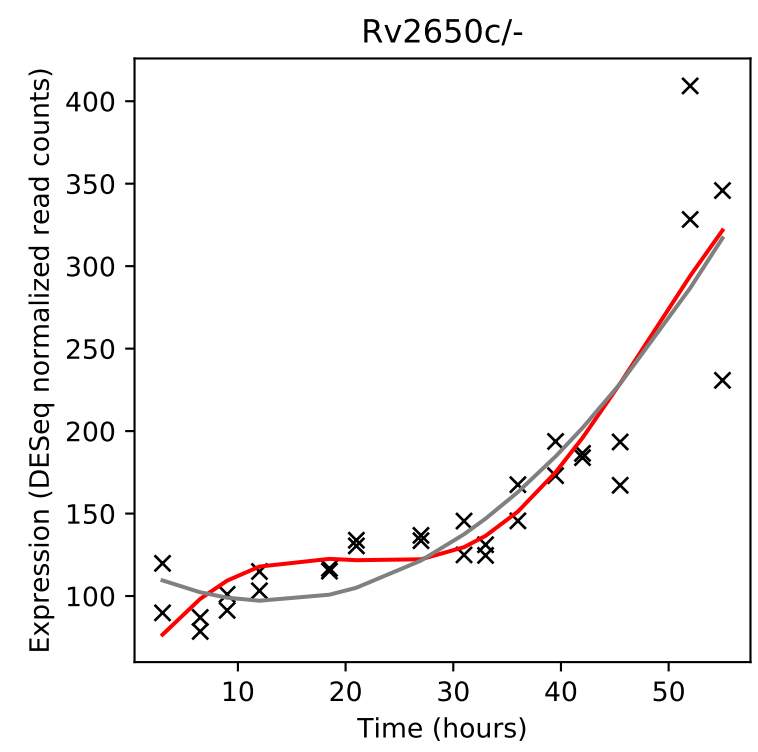

Rv2645/-
Expression (DESeq normalized read counts)
Time (hours)

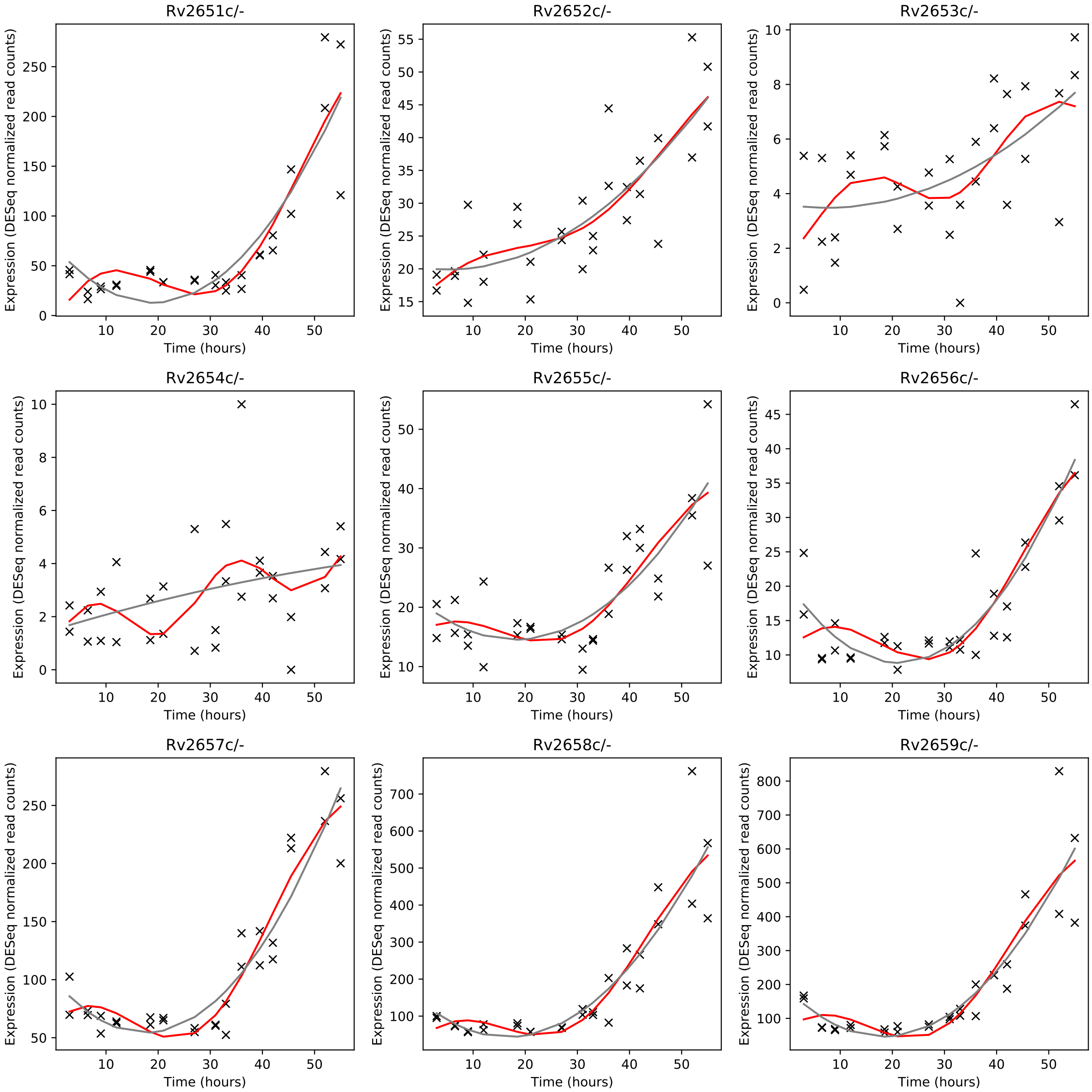

Rv2646/-
Expression (DESeq normalized read counts)
Time (hours)

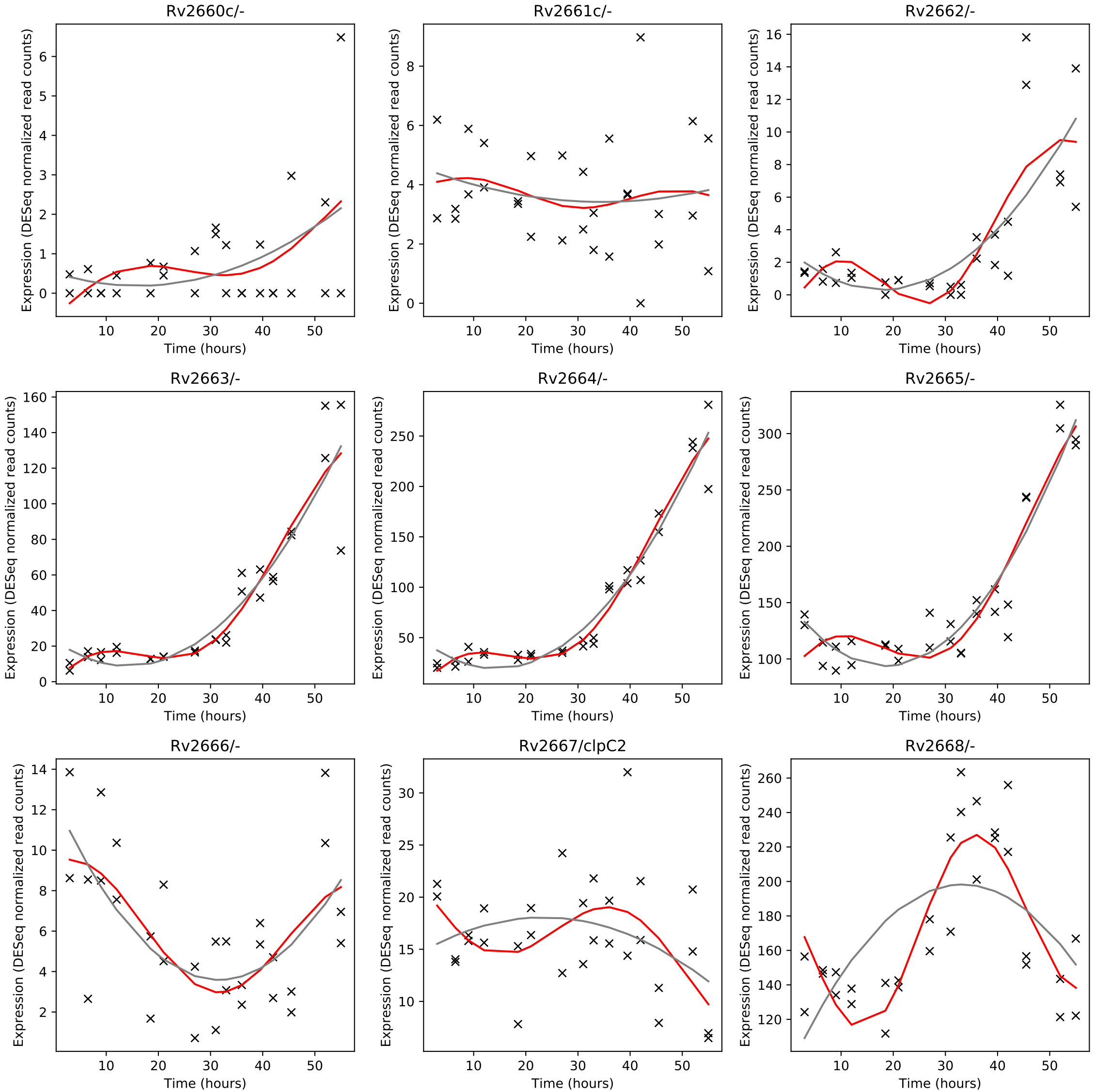

Rv2647/-
Expression (DESeq normalized read counts)
Time (hours)

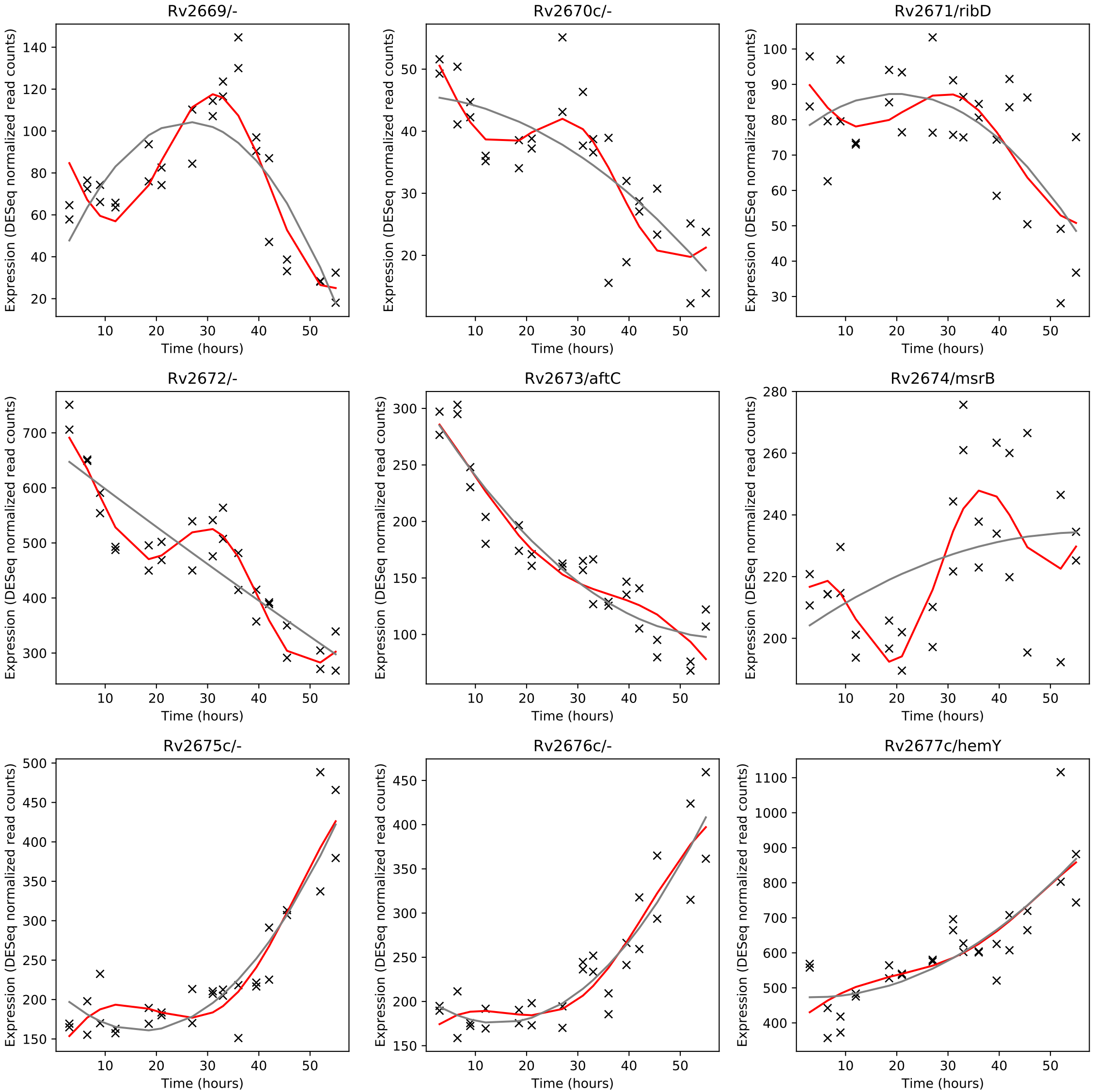

Rv2648/-
Expression (DESeq normalized read counts)
Time (hours)

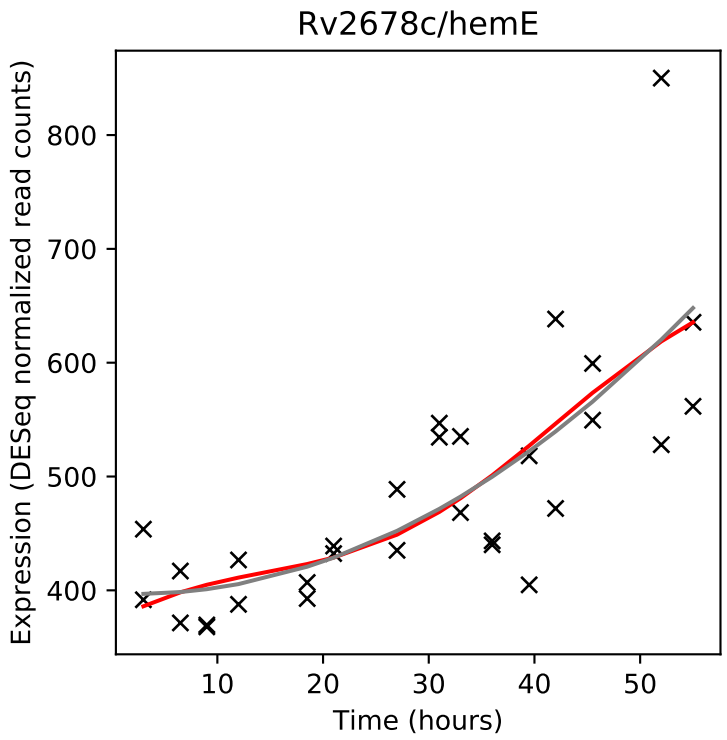

Rv2649/-
Expression (DESeq normalized read counts)
Time (hours)

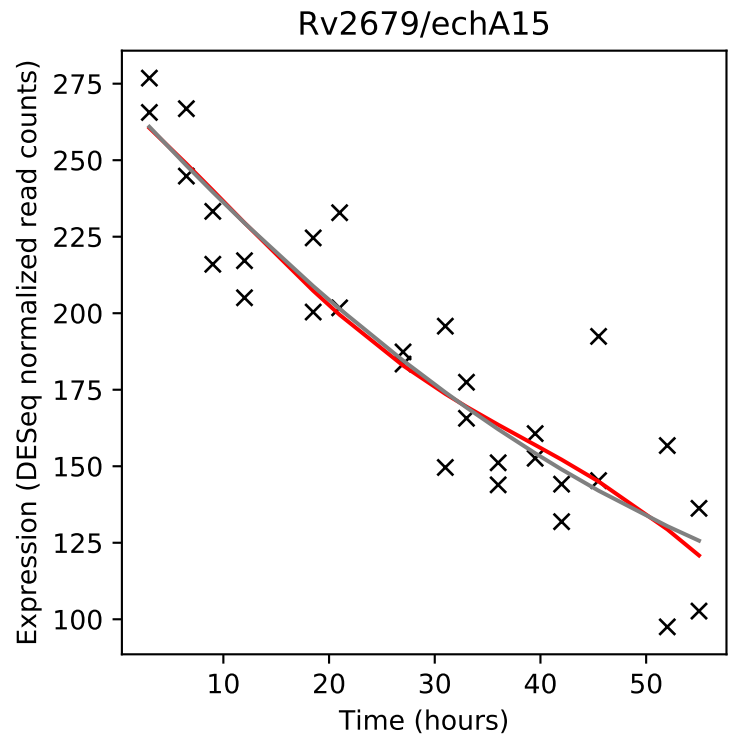

Rv2650c/-
Expression (DESeq normalized read counts)
Time (hours)

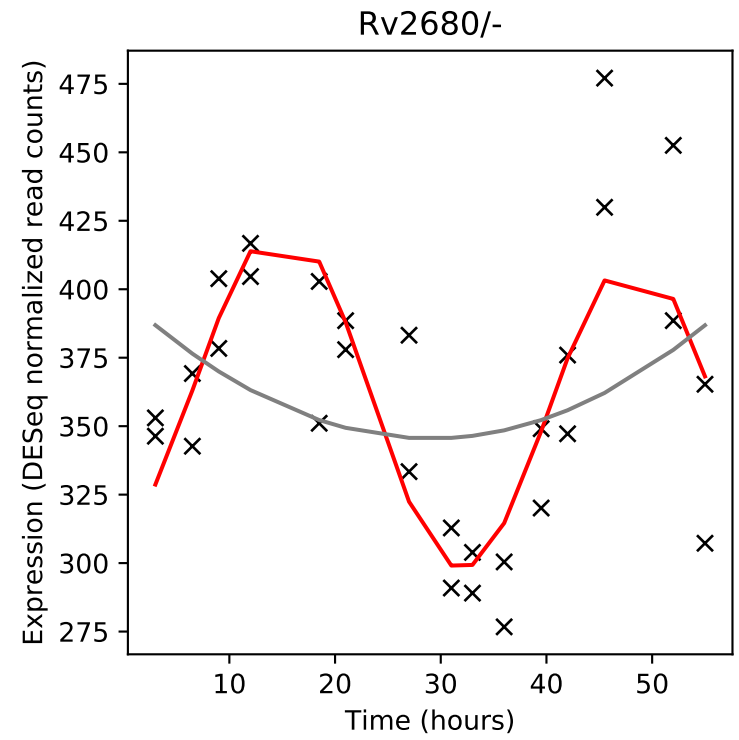

Rv2651c/-
Rv2652c/-
Rv2653c/-
Rv2654c/-
Rv2655c/-
Rv2656c/-
Rv2657c/-
Rv2658c/-
Rv2659c/-
Expression (DESeq normalized read counts)
Time (hours)

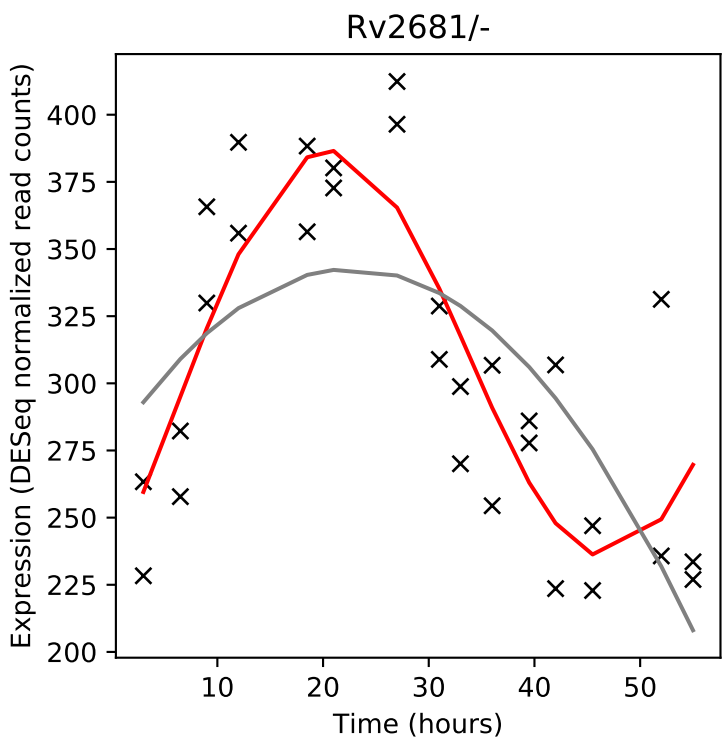

Rv2660c/-
Rv2661c/-
Rv2662/-
Rv2663/-
Rv2664/-
Rv2665/-
Rv2666/-
Rv2667/clpC2
Rv2668/-
Expression (DESeq normalized read counts)
Time (hours)

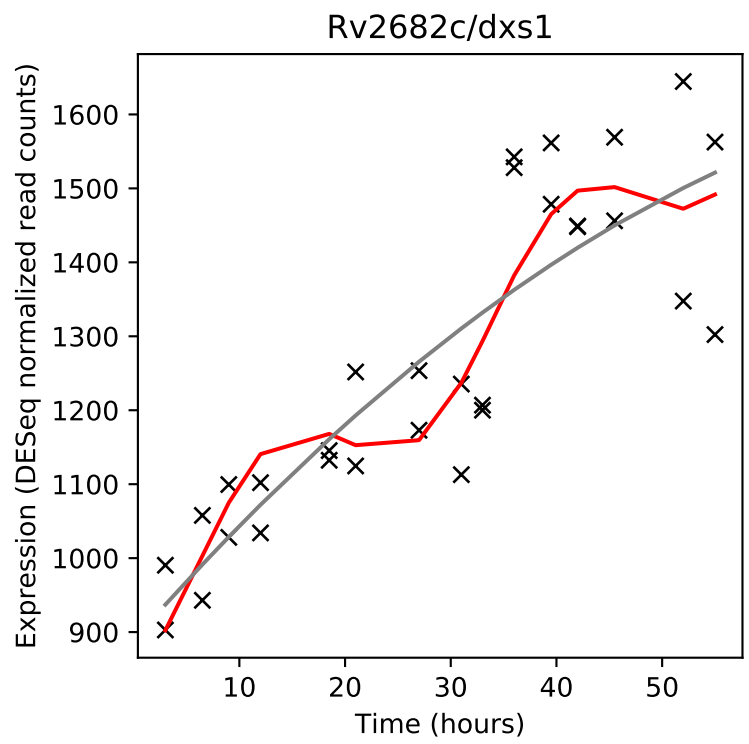

Rv2669/-
Rv2670c/-
Rv2671/ribD
Rv2672/-
Rv2673/aftC
Rv2674/msrB
Rv2675c/-
Rv2676c/-
Rv2677c/hemY
Expression (DESeq normalized read counts)
Time (hours)

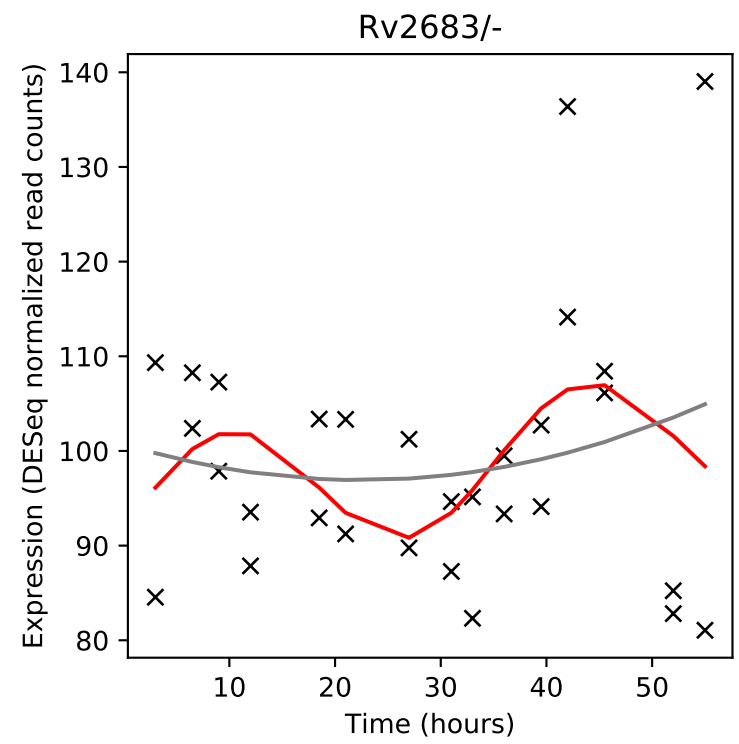

Rv2678c/hemE
Expression (DESeq normalized read counts)
Time (hours)

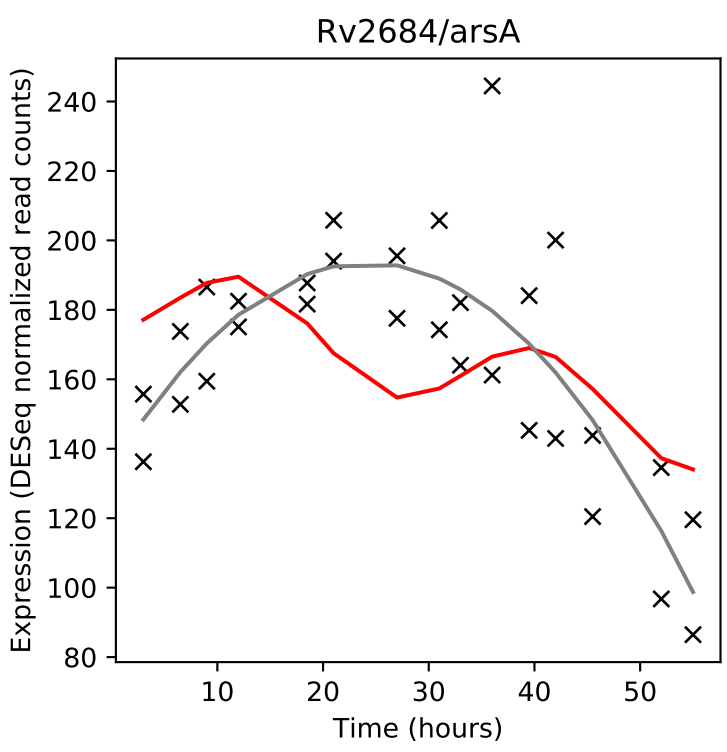

Rv2679/echA15
Expression (DESeq normalized read counts)
Time (hours)

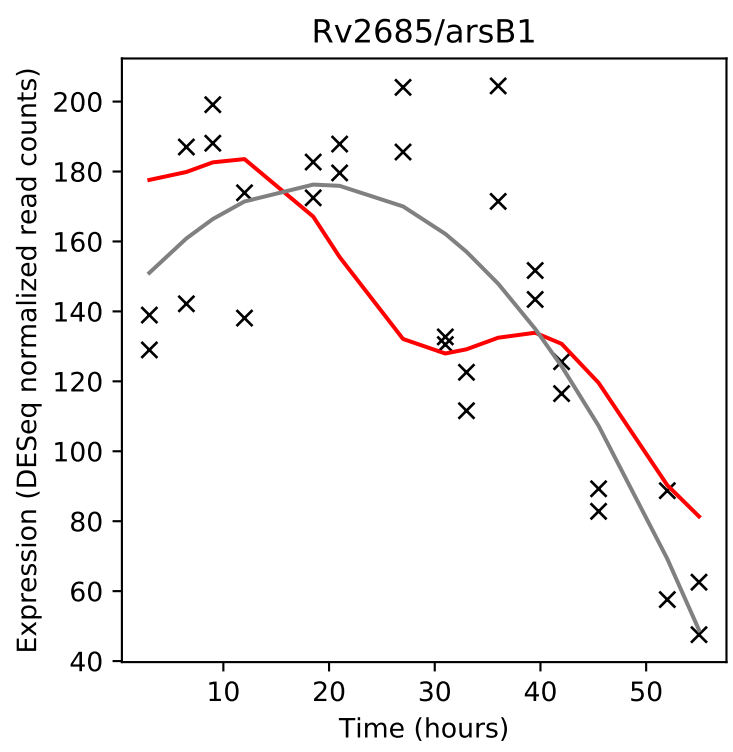

Rv2680/-
Expression (DESeq normalized read counts)
Time (hours)

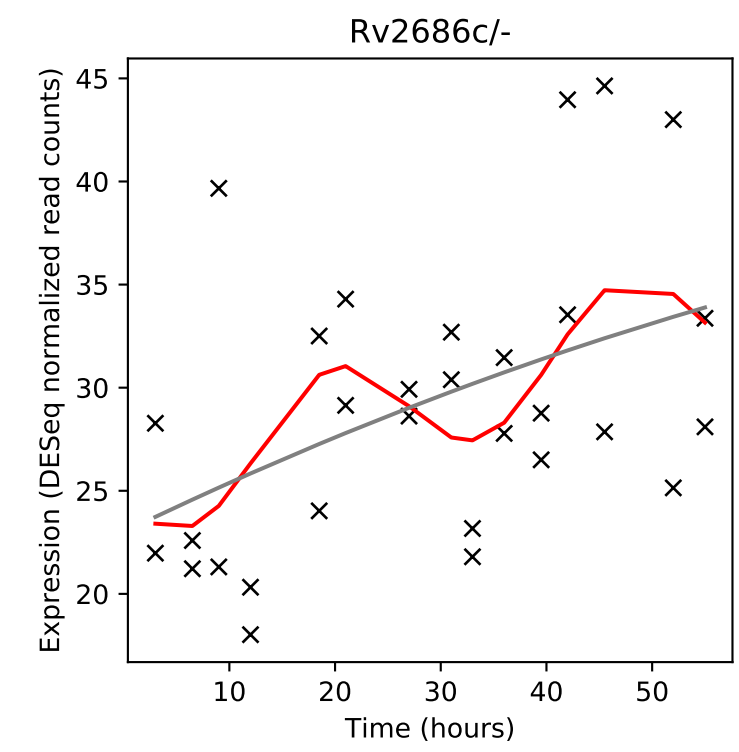

Rv2681/-
Expression (DESeq normalized read counts)
Time (hours)

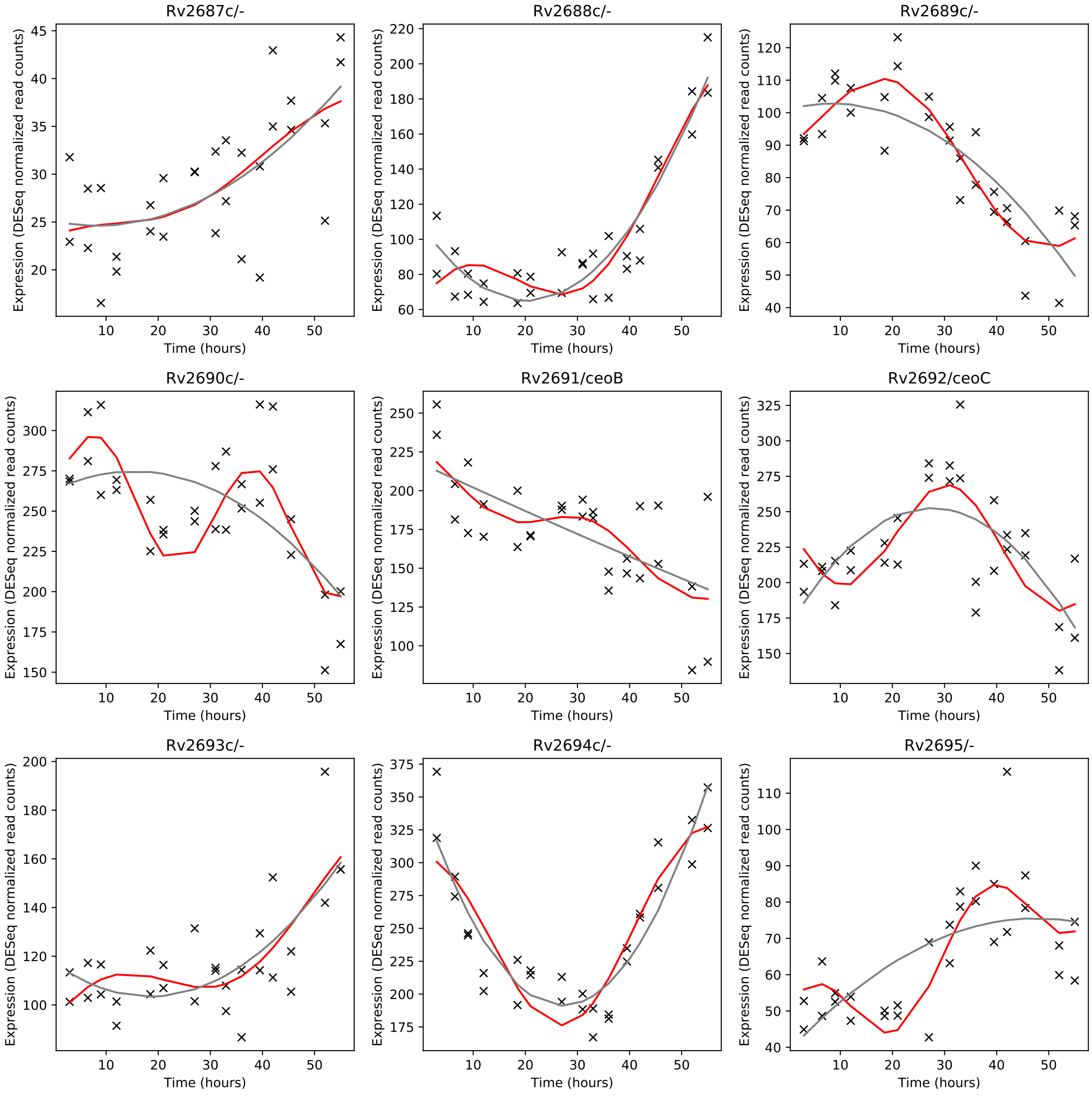

Rv2682c/dxs1
Expression (DESeq normalized read counts)
Time (hours)

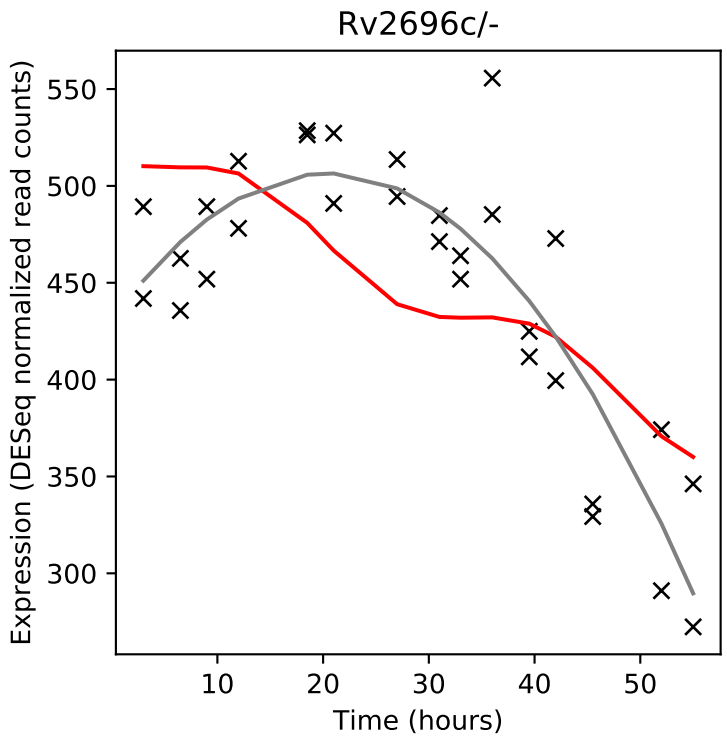

Rv2683/-
Expression (DESeq normalized read counts)
Time (hours)

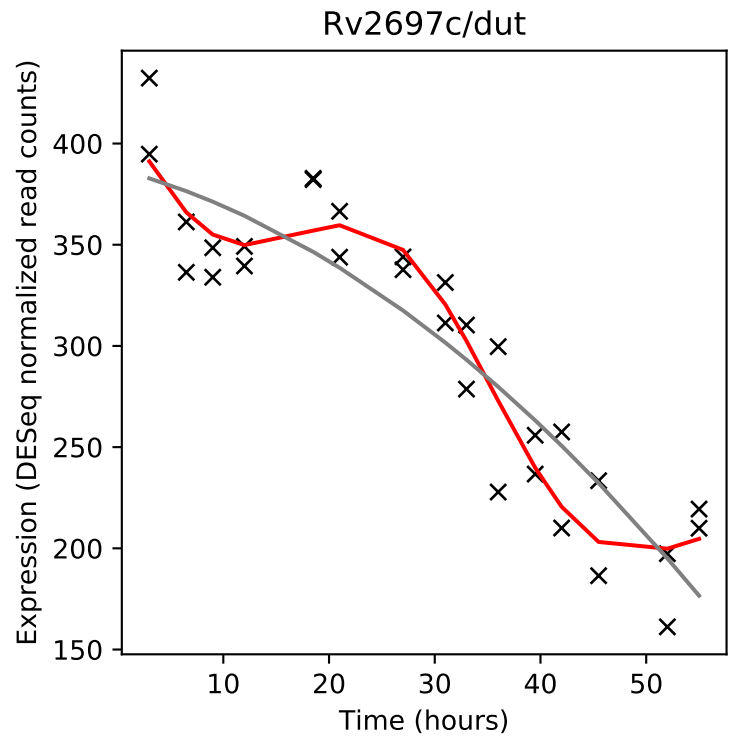

Rv2684/arsA
Expression (DESeq normalized read counts)
Time (hours)

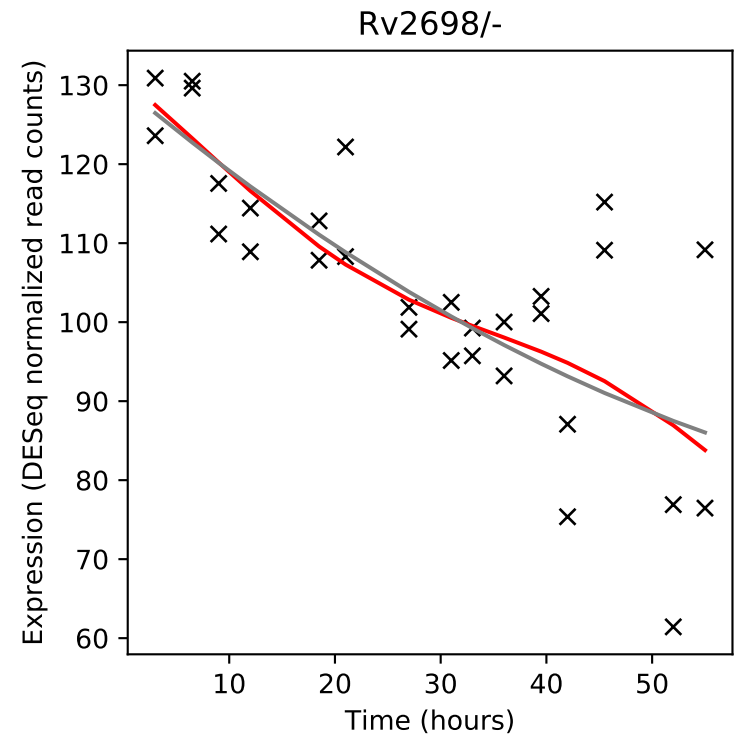

Rv2685/arsB1
Expression (DESeq normalized read counts)
Time (hours)

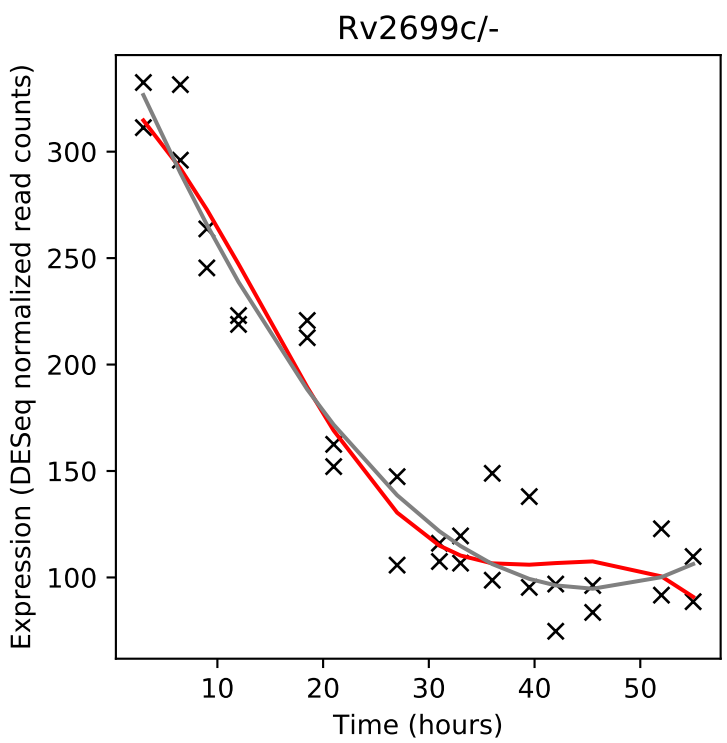

Rv2686c/-
Expression (DESeq normalized read counts)
Time (hours)

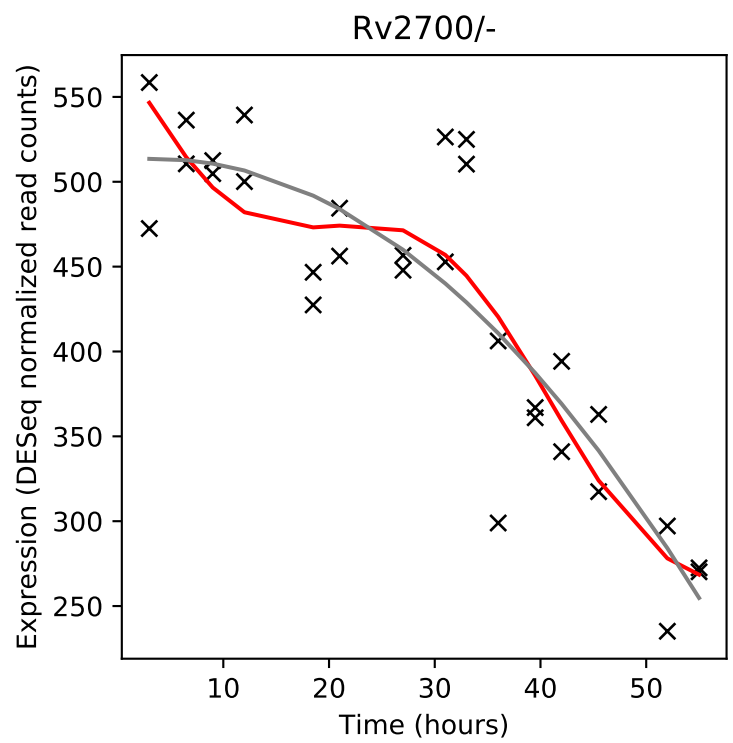

Rv2687c/-
Rv2688c/-
Rv2689c/-
Rv2690c/-
Rv2691/ceoB
Rv2692/ceoC
Rv2693c/-
Rv2694c/-
Rv2695/-
Expression (DESeq normalized read counts)
Time (hours)

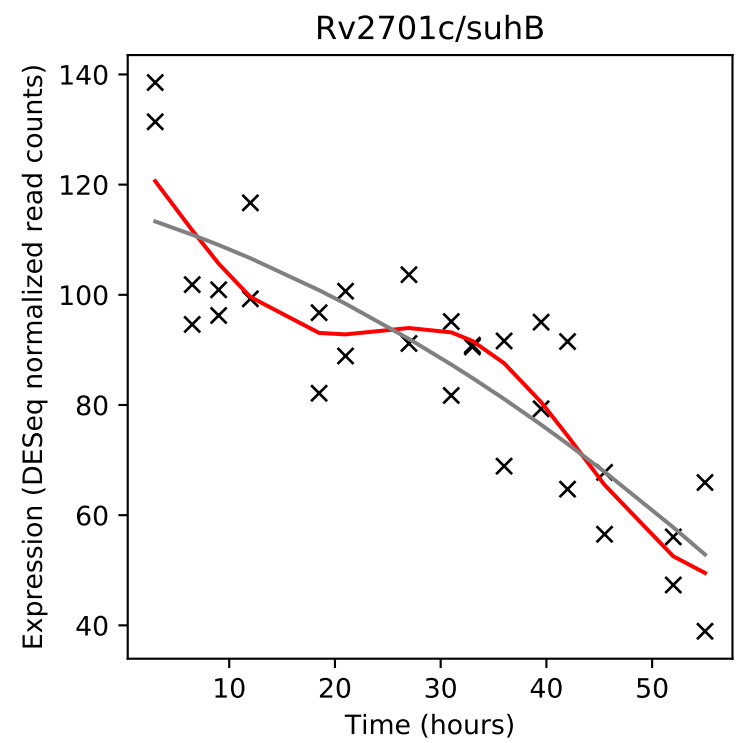

Rv2696c/-
Expression (DESeq normalized read counts)
Time (hours)

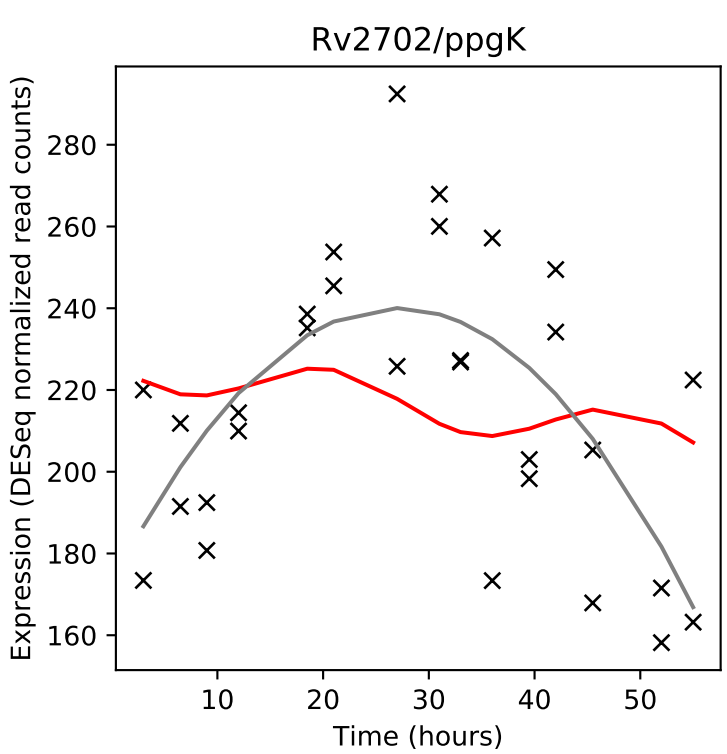

Rv2697c/dut
Expression (DESeq normalized read counts)
Time (hours)

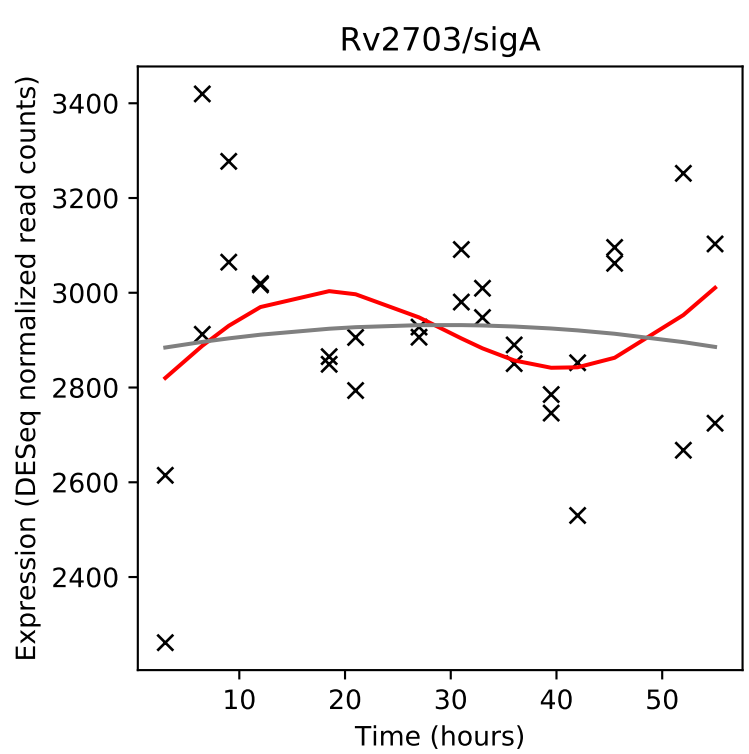

Rv2698/-
Expression (DESeq normalized read counts)
Time (hours)

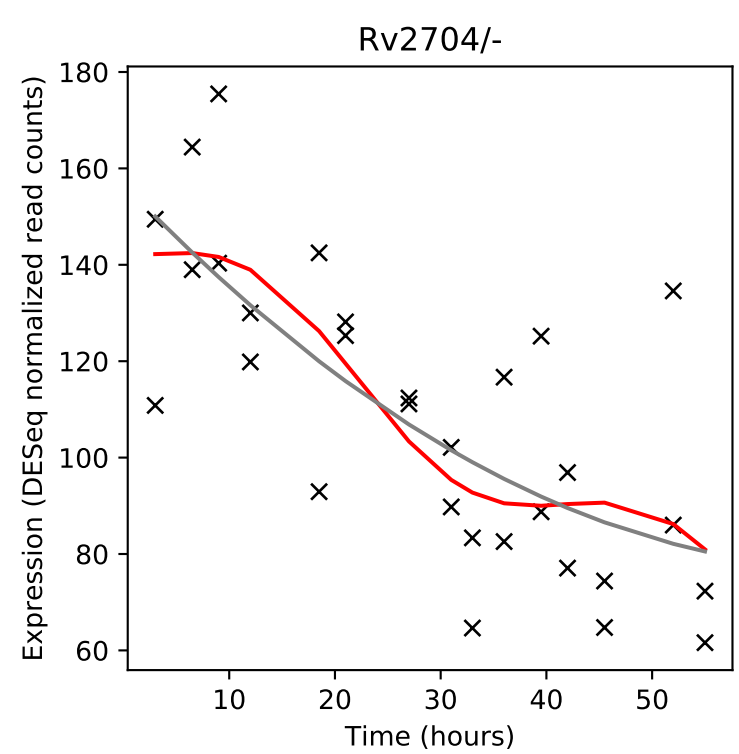

Rv2699c/-
Expression (DESeq normalized read counts)
Time (hours)

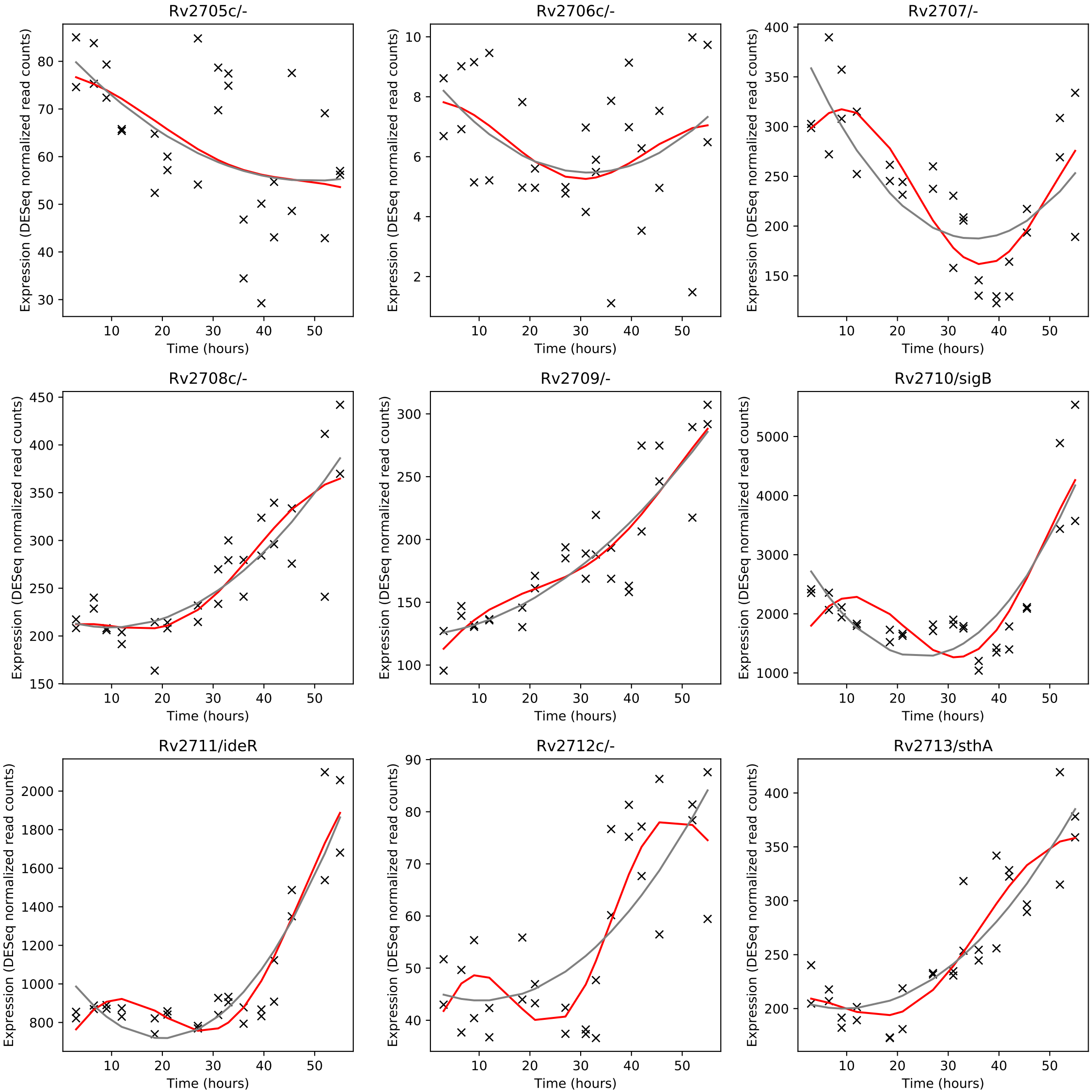

Rv2700/-
Expression (DESeq normalized read counts)
Time (hours)

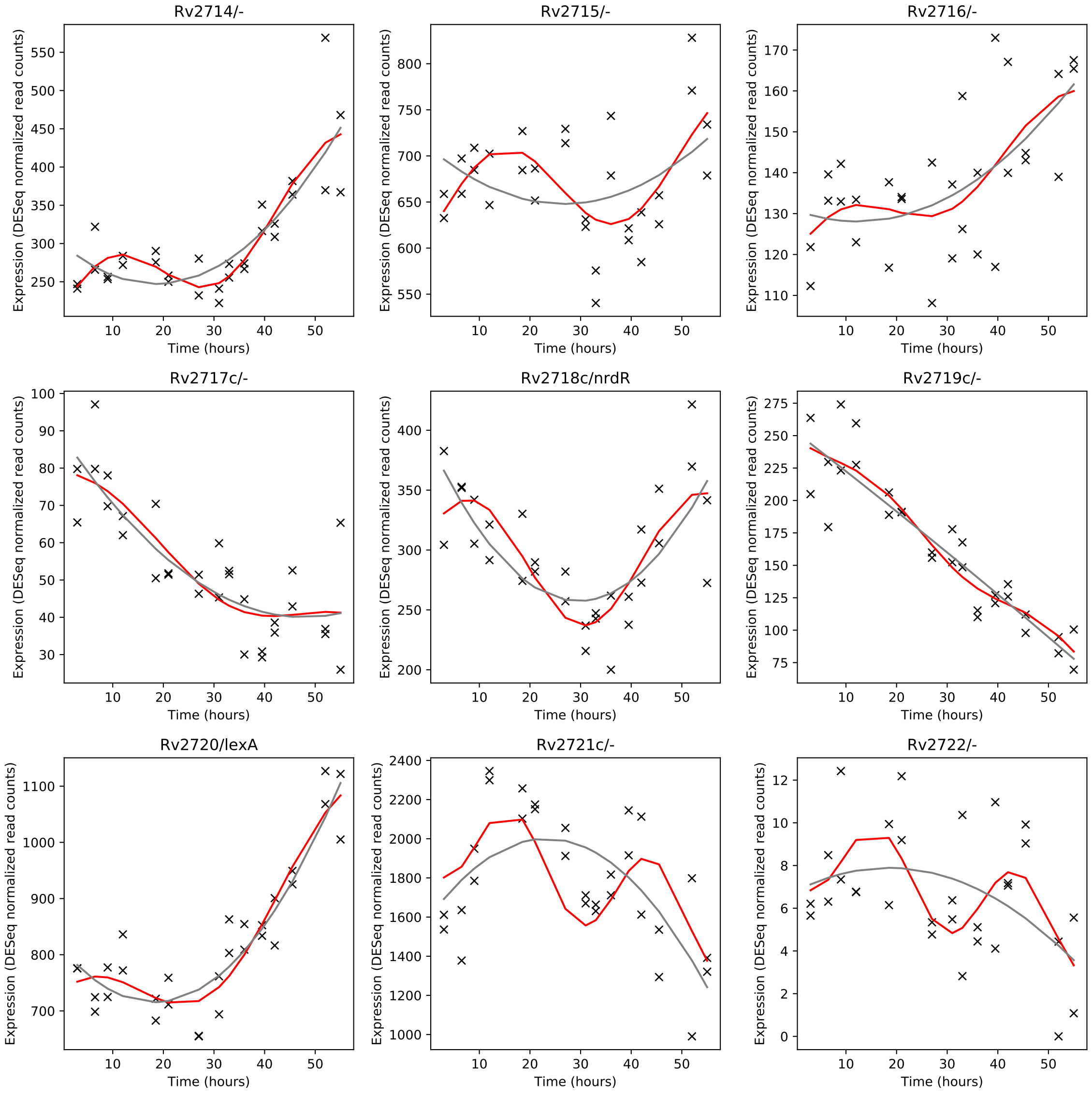

Rv2701c/suhB
Expression (DESeq normalized read counts)
Time (hours)

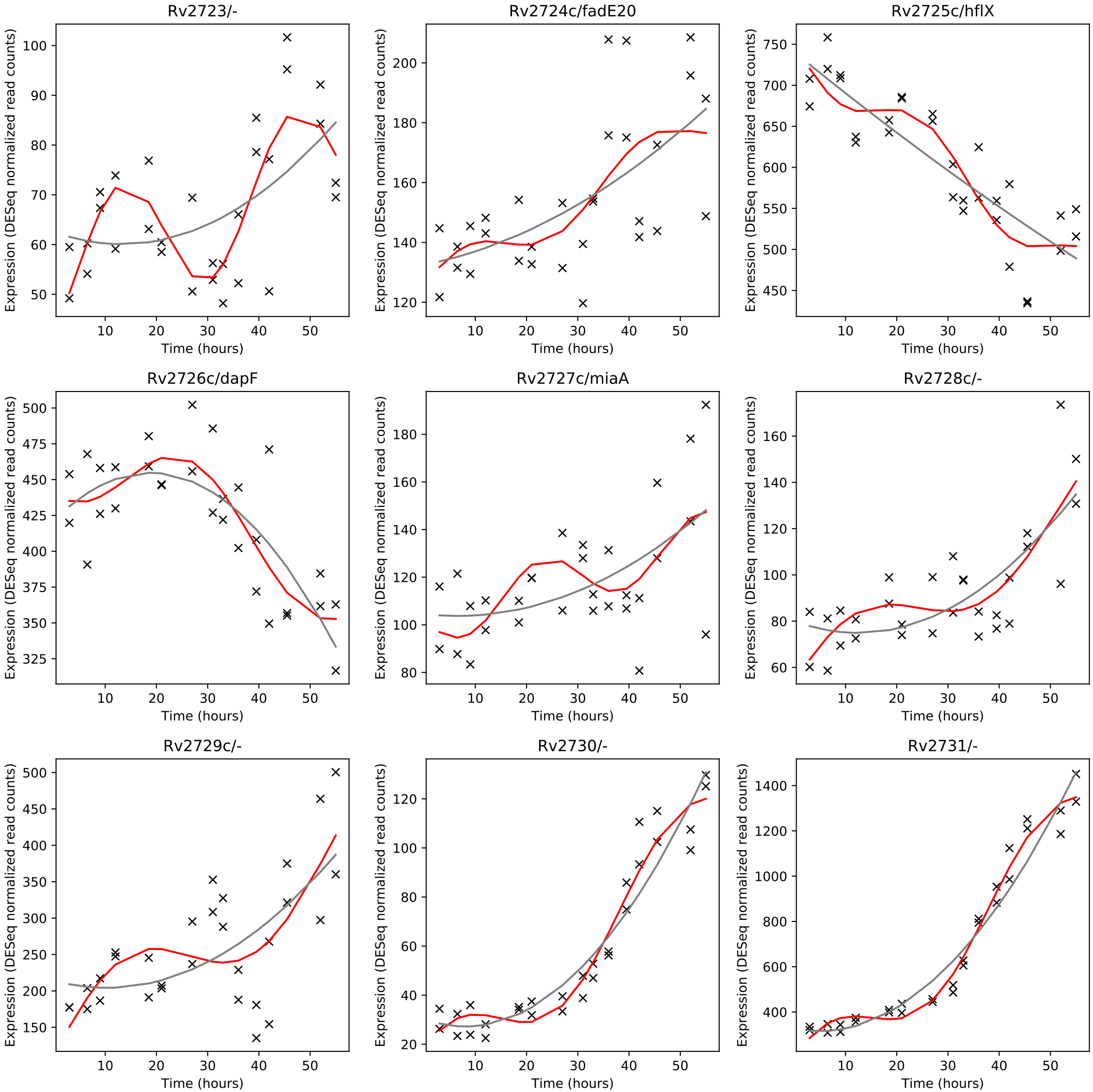

Rv2702/ppgK
Expression (DESeq normalized read counts)
Time (hours)

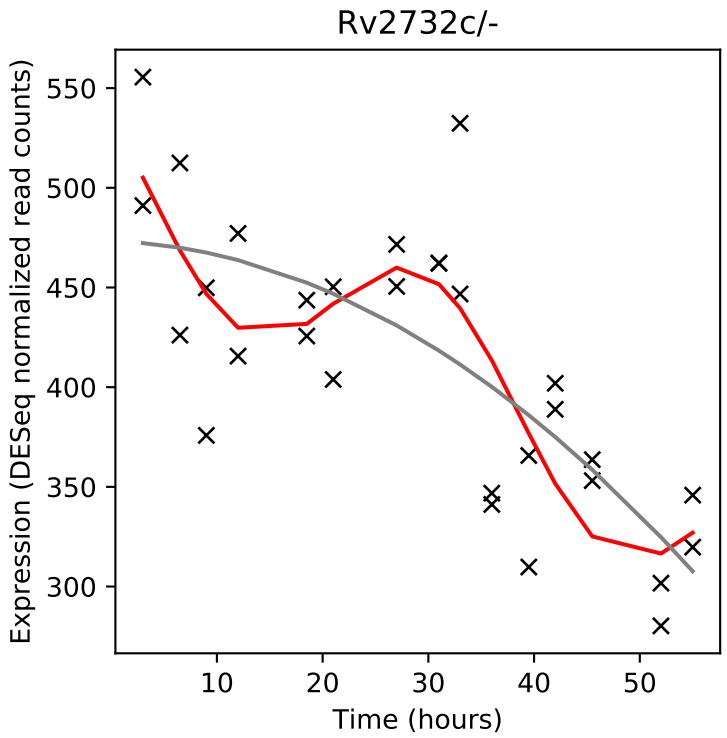

Rv2703/sigA
Expression (DESeq normalized read counts)
Time (hours)

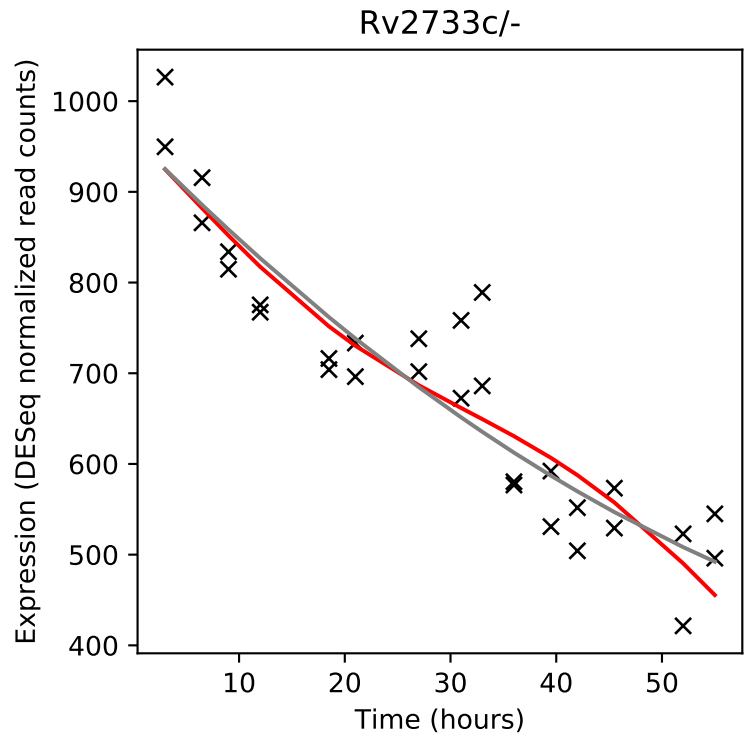

Rv2704/-
Expression (DESeq normalized read counts)
Time (hours)

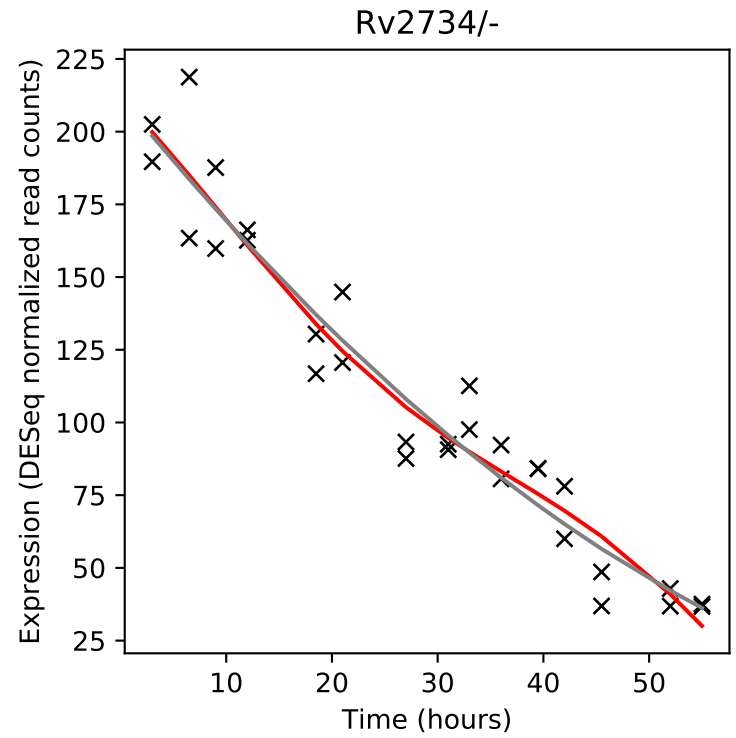

Rv2705c/-
Rv2706c/-
Rv2707/-
Rv2708c/-
Rv2709/-
Rv2710/sigB
Rv2711/ideR
Rv2712c/-
Rv2713/sthA
Expression (DESeq normalized read counts)
Time (hours)

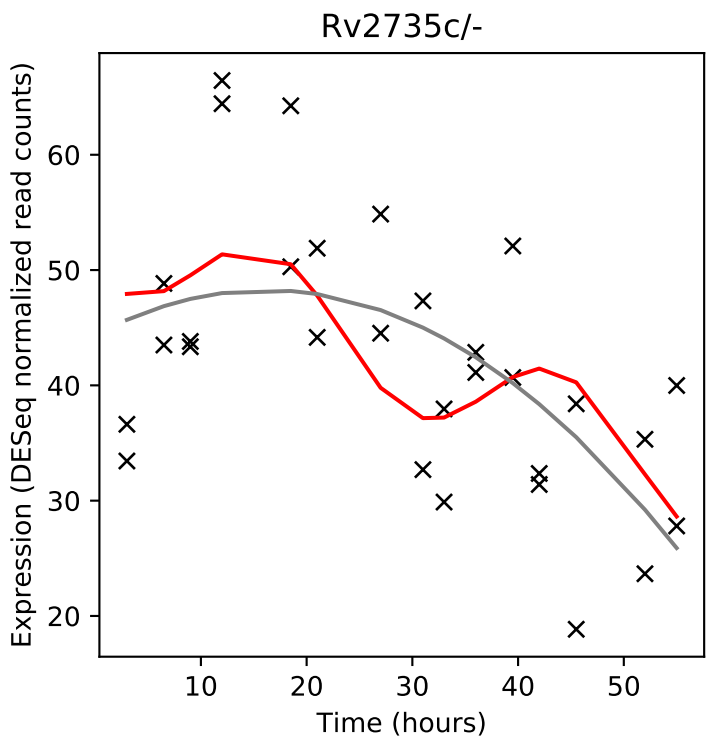

Rv2714/-
Rv2715/-
Rv2716/-
Rv2717c/-
Rv2718c/nrdR
Rv2719c/-
Rv2720/lexA
Rv2721c/-
Rv2722/-
Expression (DESeq normalized read counts)
Time (hours)

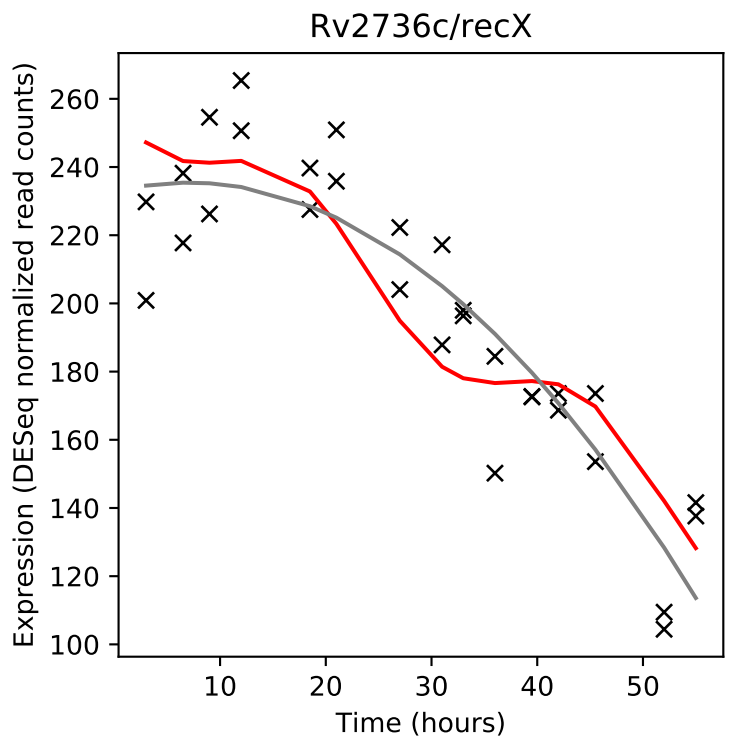

Rv2723/-
Rv2724c/fadE20
Rv2725c/hflX
Rv2726c/dapF
Rv2727c/miaA
Rv2728c/-
Rv2729c/-
Rv2730/-
Rv2731/-
Expression (DESeq normalized read counts)
Time (hours)

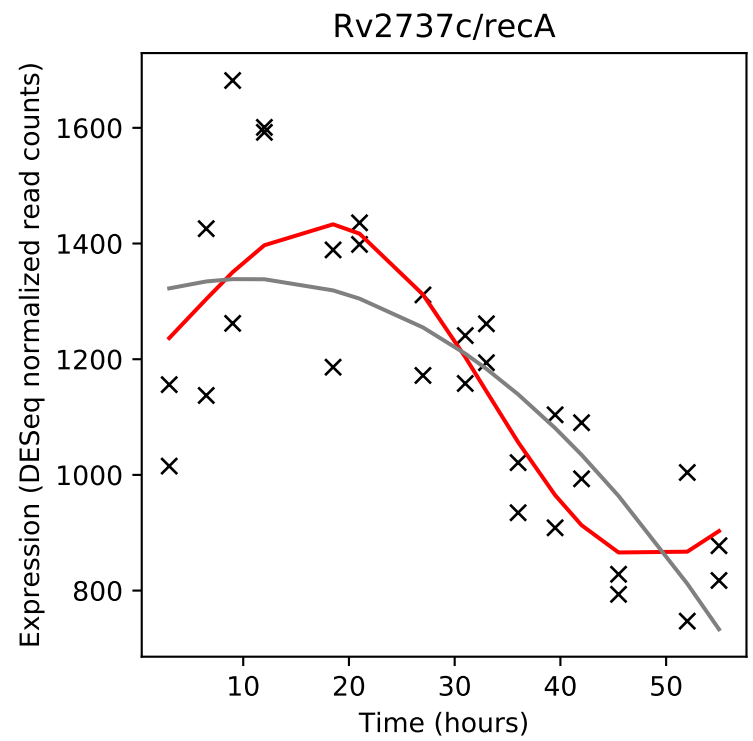

Rv2732c/-
Expression (DESeq normalized read counts)
Time (hours)

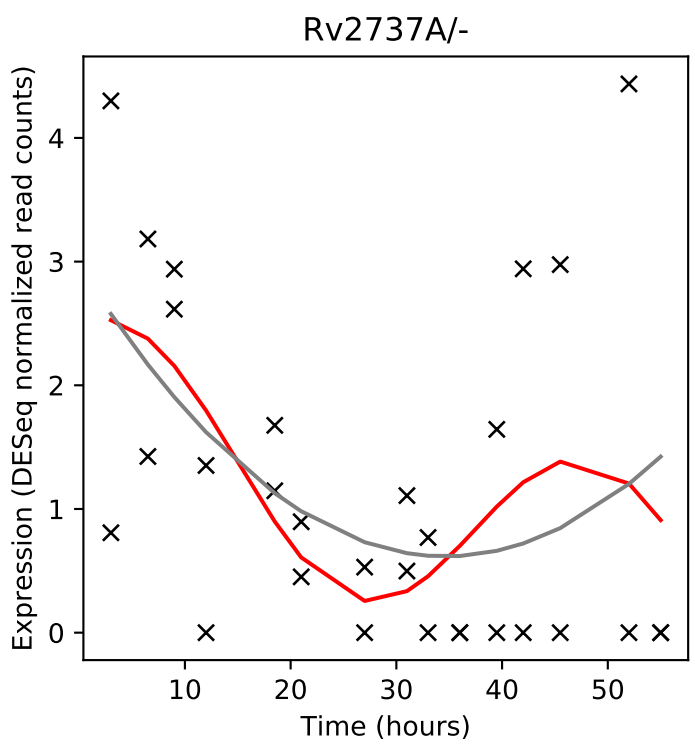

Rv2733c/-
Expression (DESeq normalized read counts)
Time (hours)

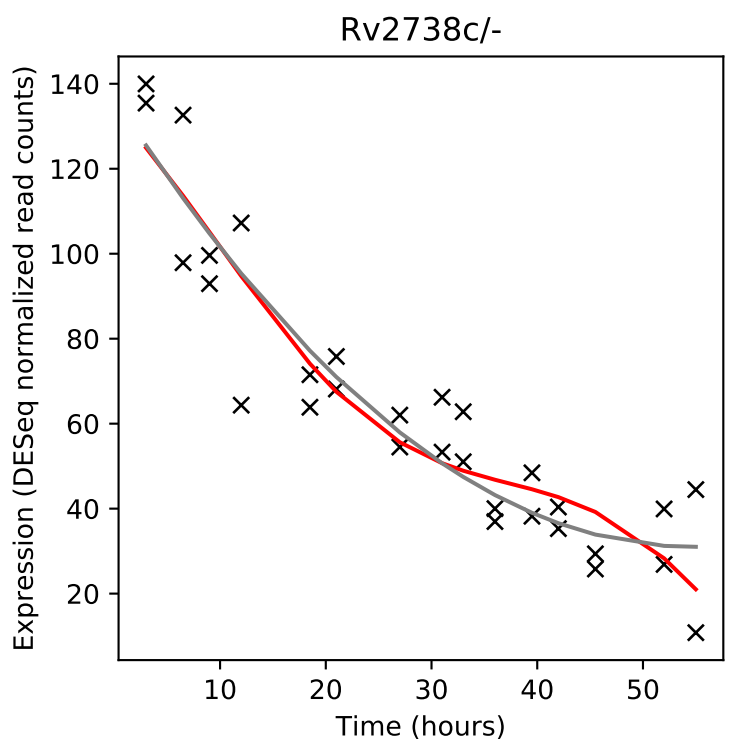

Rv2734/-
Expression (DESeq normalized read counts)
Time (hours)

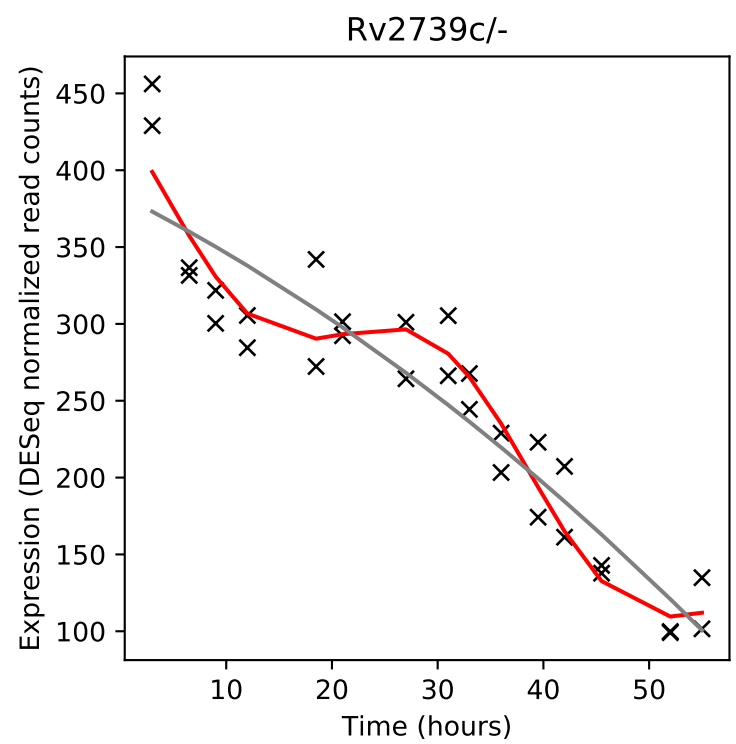

Rv2735c/-
Expression (DESeq normalized read counts)
Time (hours)

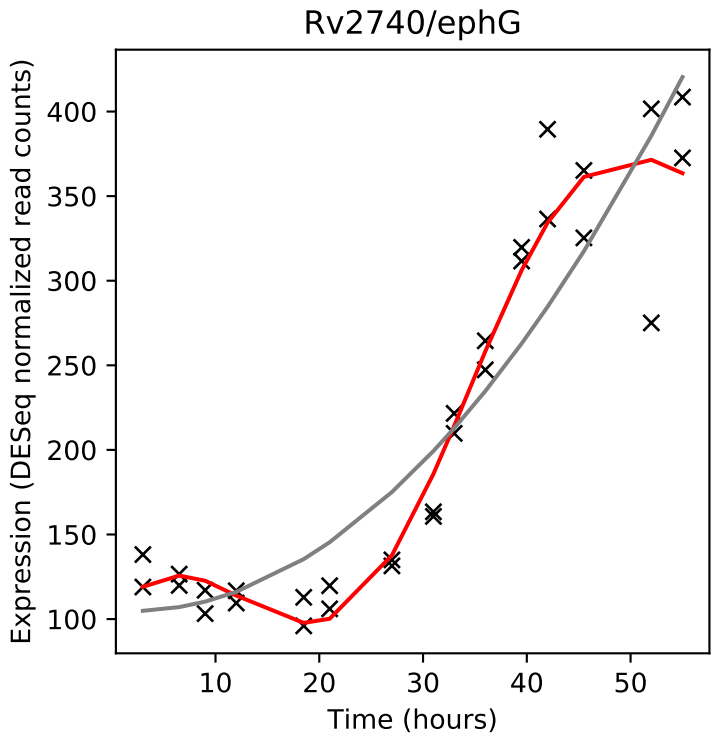

Rv2736c/recX
Expression (DESeq normalized read counts)
Time (hours)

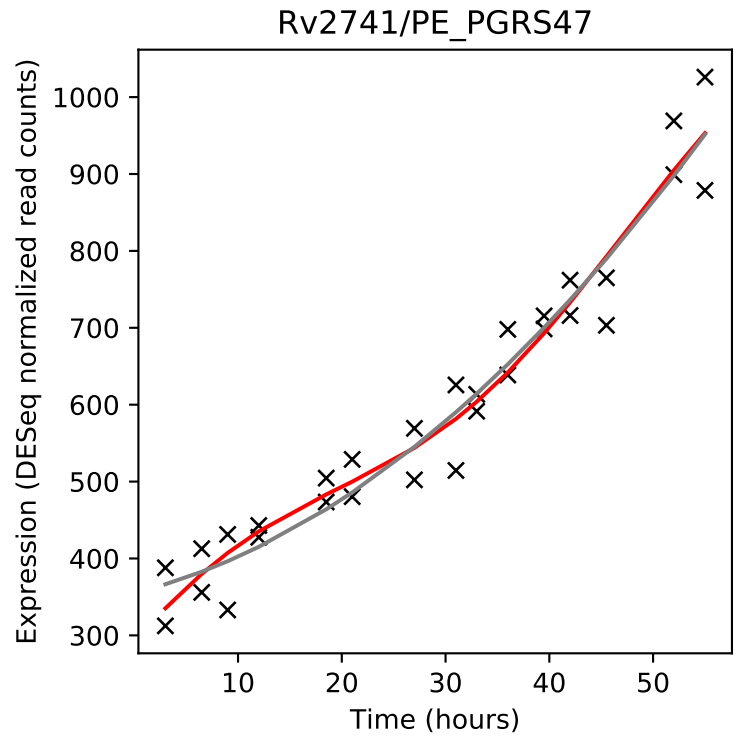

Rv2737c/recA
Expression (DESeq normalized read counts)
Time (hours)

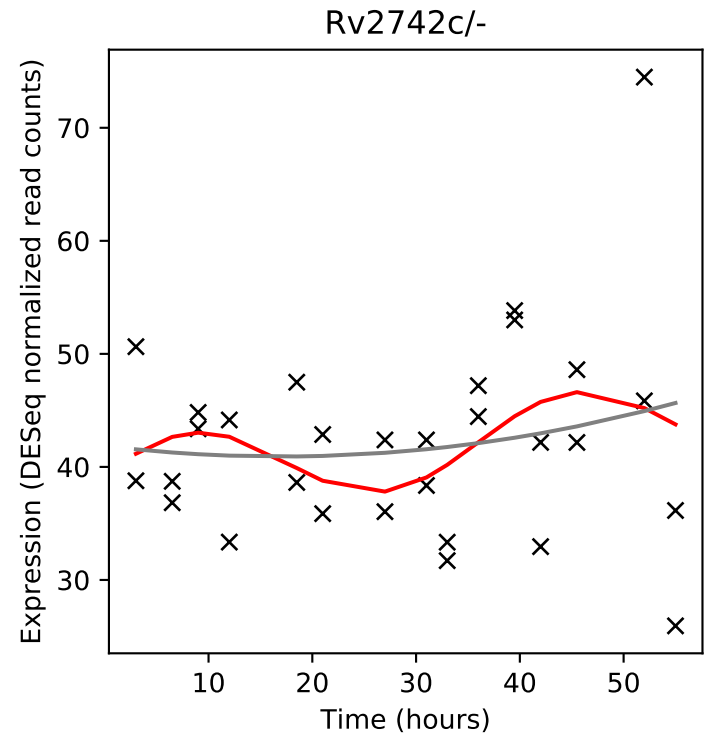

Rv2737A/-
Expression (DESeq normalized read counts)
Time (hours)

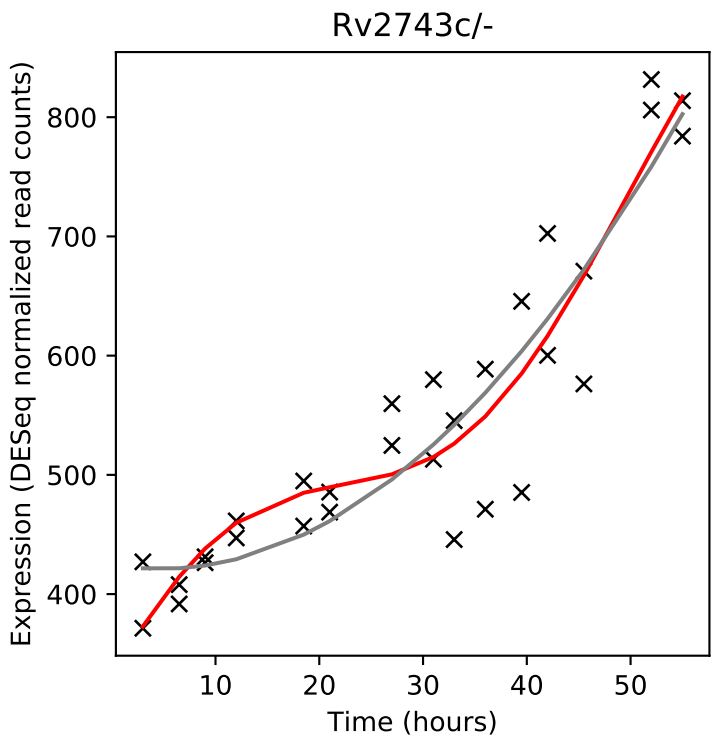

Rv2738c/-
Expression (DESeq normalized read counts)
Time (hours)

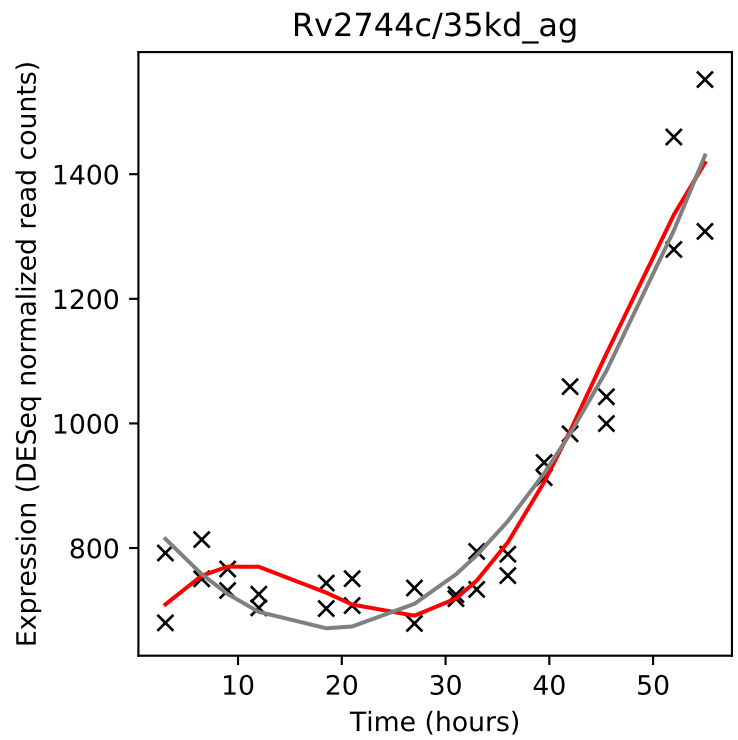

Rv2739c/-
Expression (DESeq normalized read counts)
Time (hours)

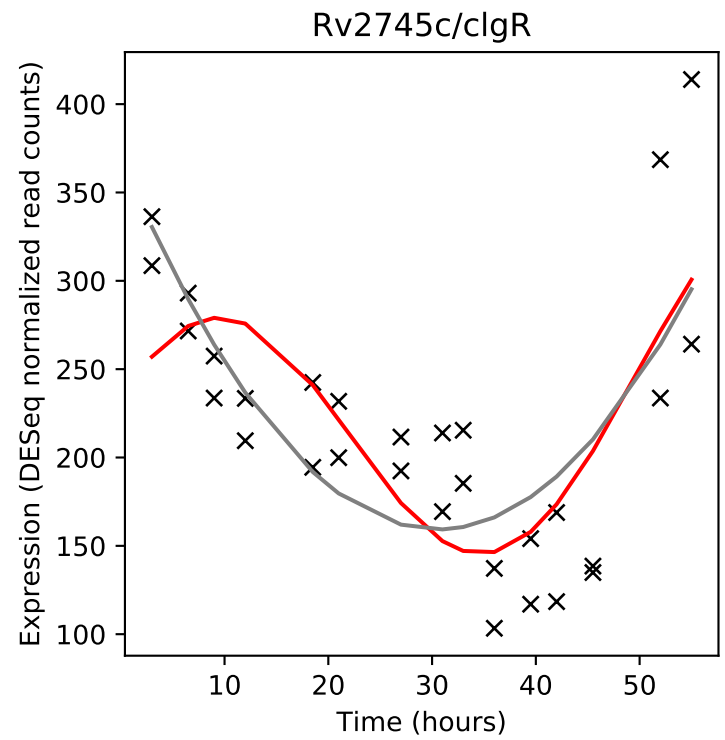

Rv2740/ephG
Expression (DESeq normalized read counts)
Time (hours)

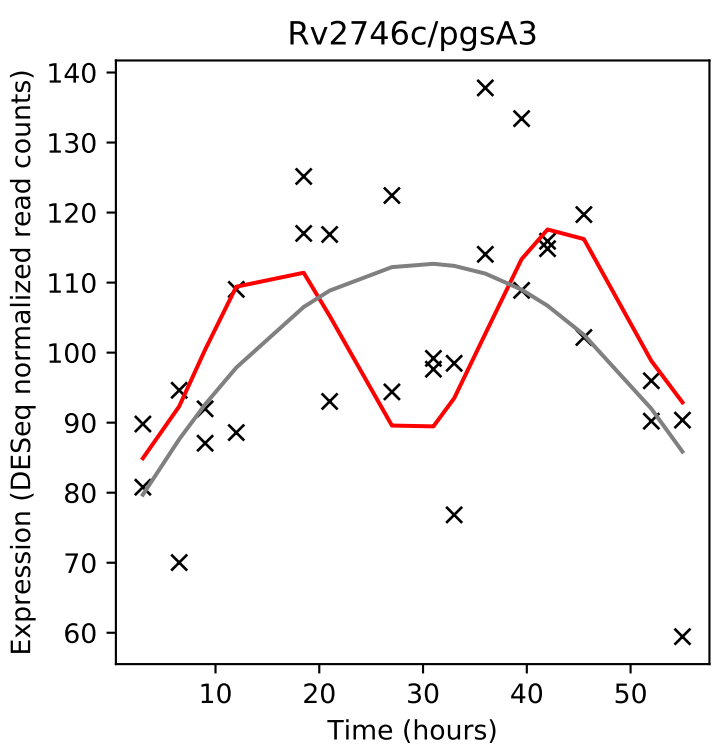

Rv2741/PE_PGRS47
Expression (DESeq normalized read counts)
Time (hours)

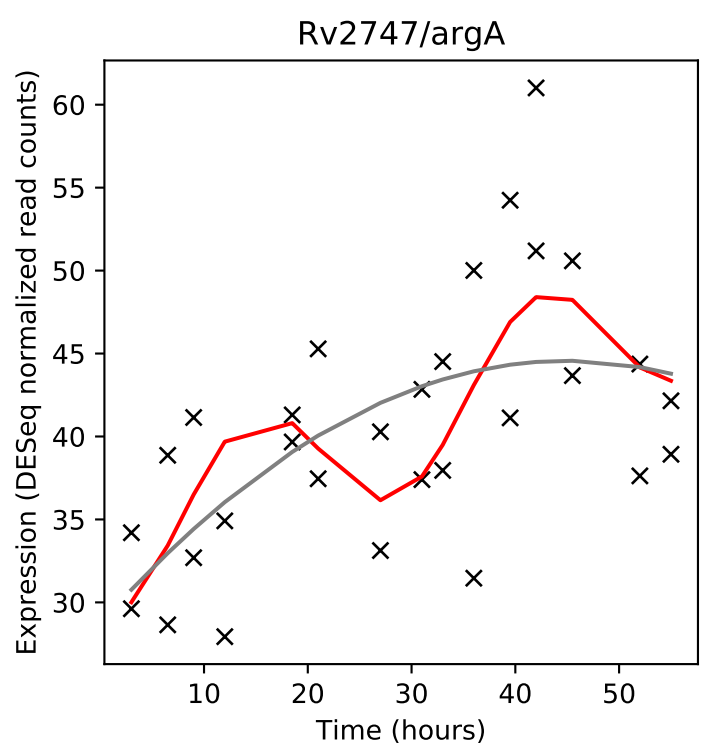

Rv2742c/-
Expression (DESeq normalized read counts)
Time (hours)

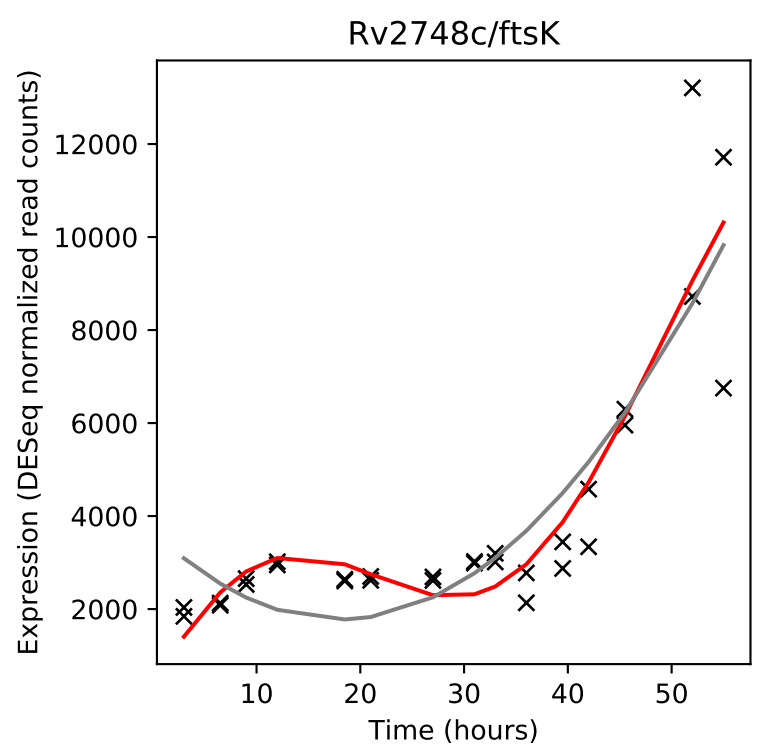

Rv2743c/-
Expression (DESeq normalized read counts)
Time (hours)

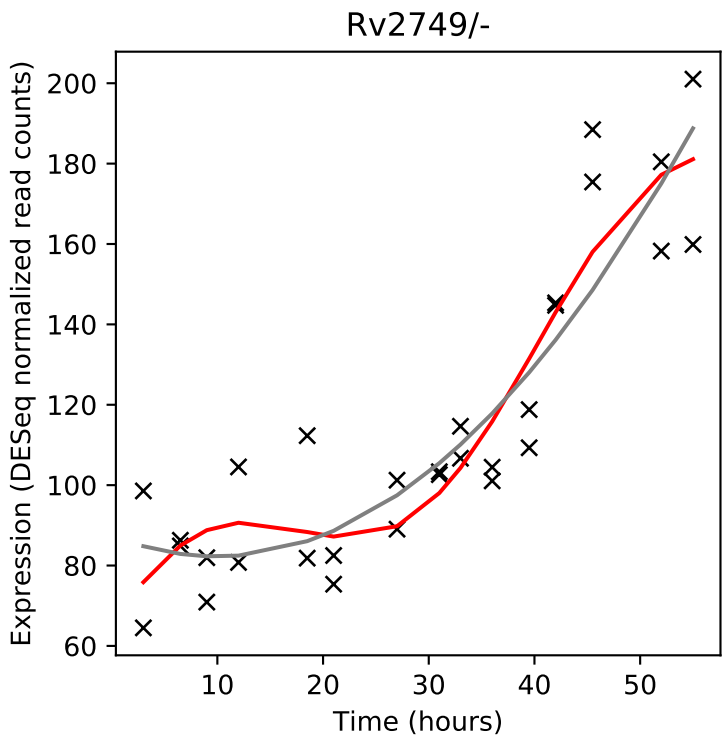

Rv2744c/35kd_ag
Expression (DESeq normalized read counts)
Time (hours)

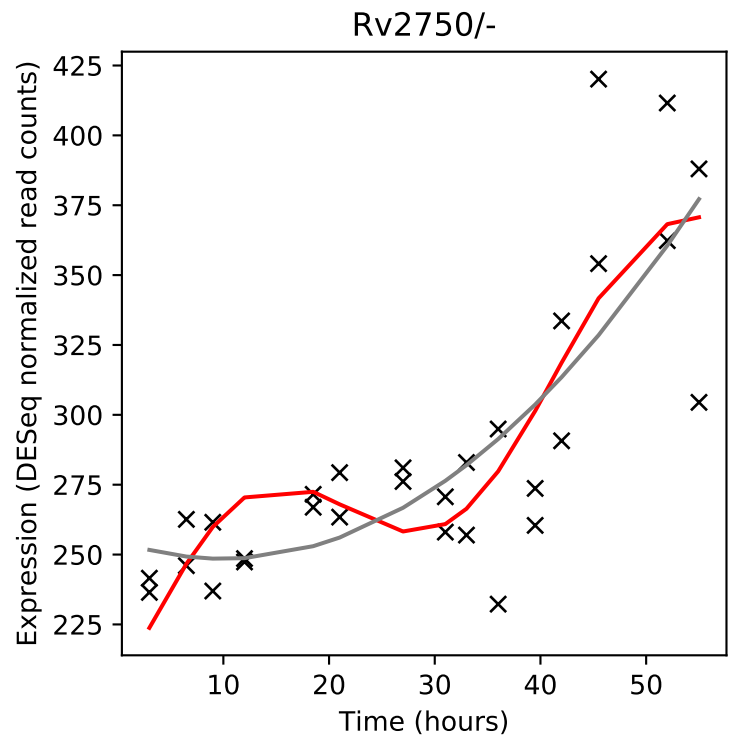

Rv2745c/clgR
Expression (DESeq normalized read counts)
Time (hours)

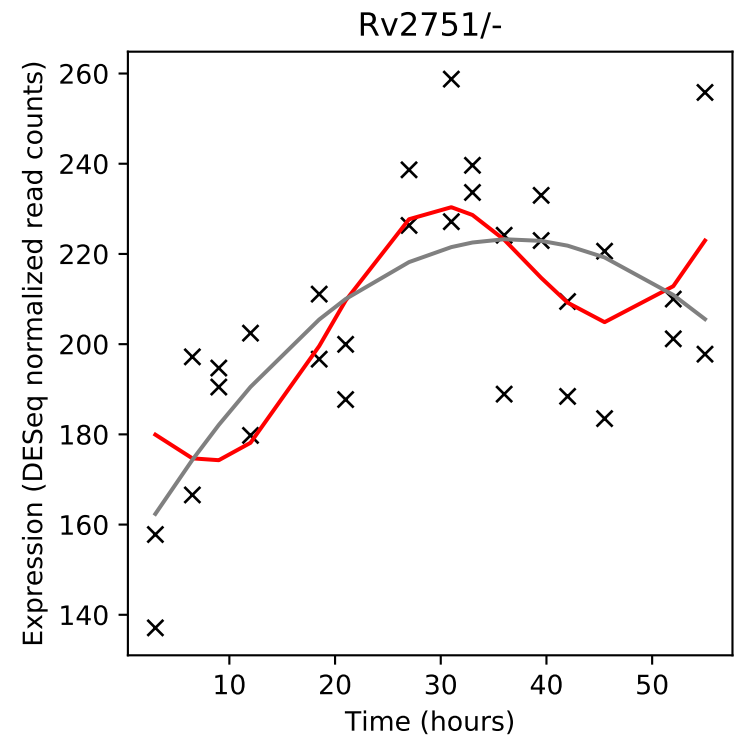

Rv2746c/pgsA3
Expression (DESeq normalized read counts)
Time (hours)

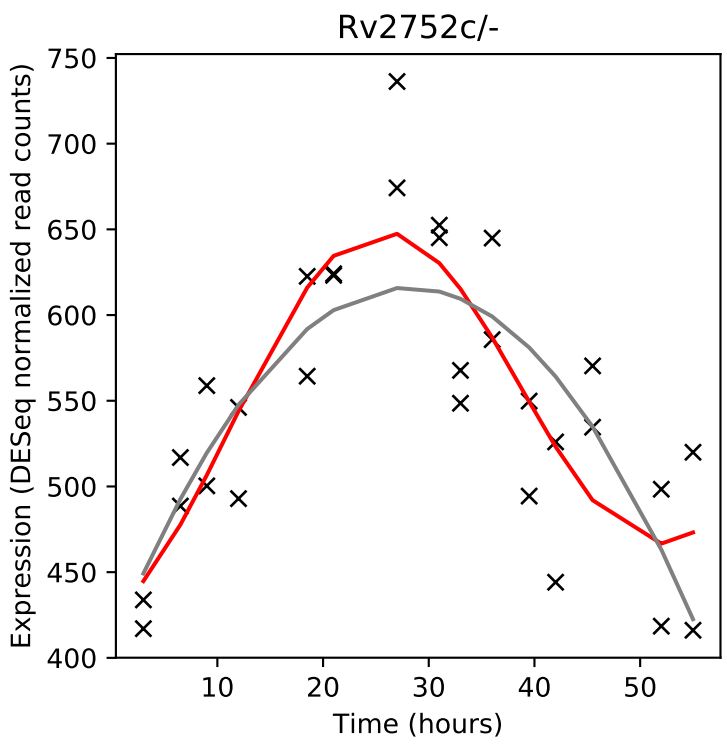

Rv2747/argA
Expression (DESeq normalized read counts)
Time (hours)

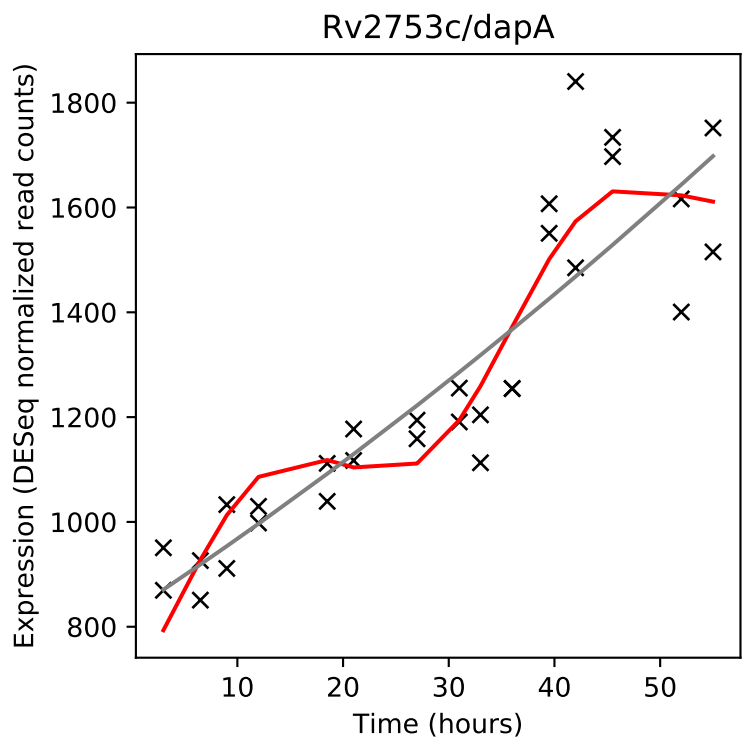

Rv2748c/ftsK
Expression (DESeq normalized read counts)
Time (hours)

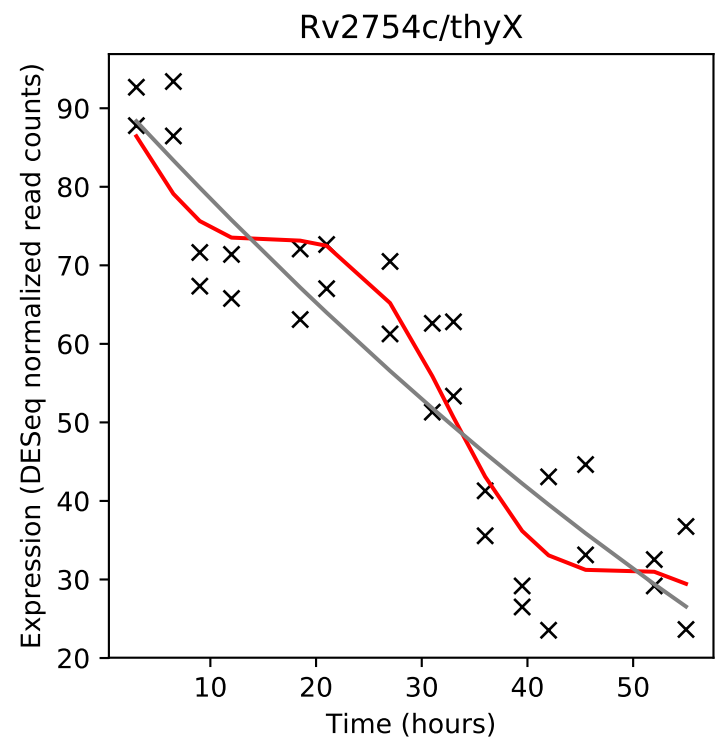

Rv2749/-
Expression (DESeq normalized read counts)
Time (hours)

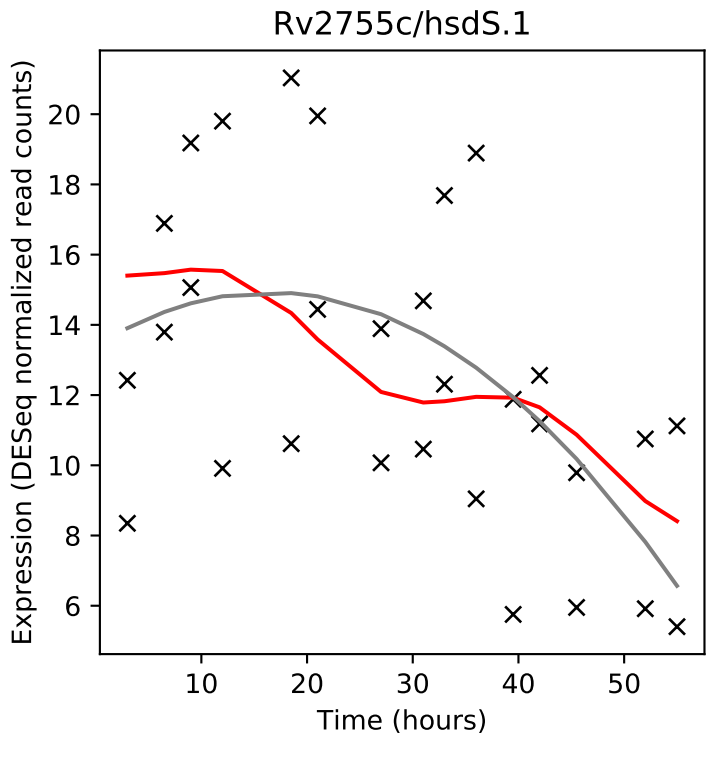

Rv2750/-
Expression (DESeq normalized read counts)
Time (hours)

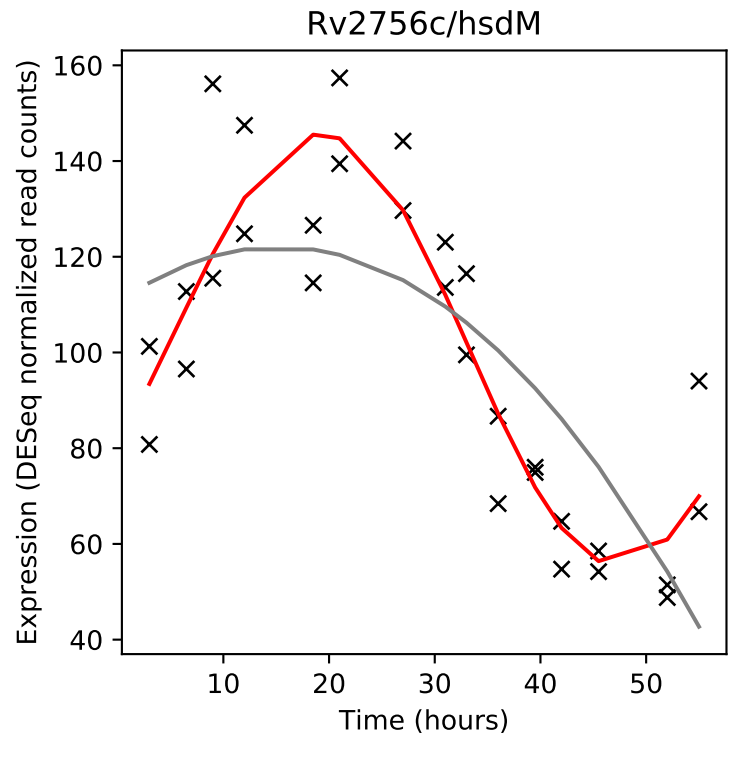

Rv2751/-
Expression (DESeq normalized read counts)
Time (hours)

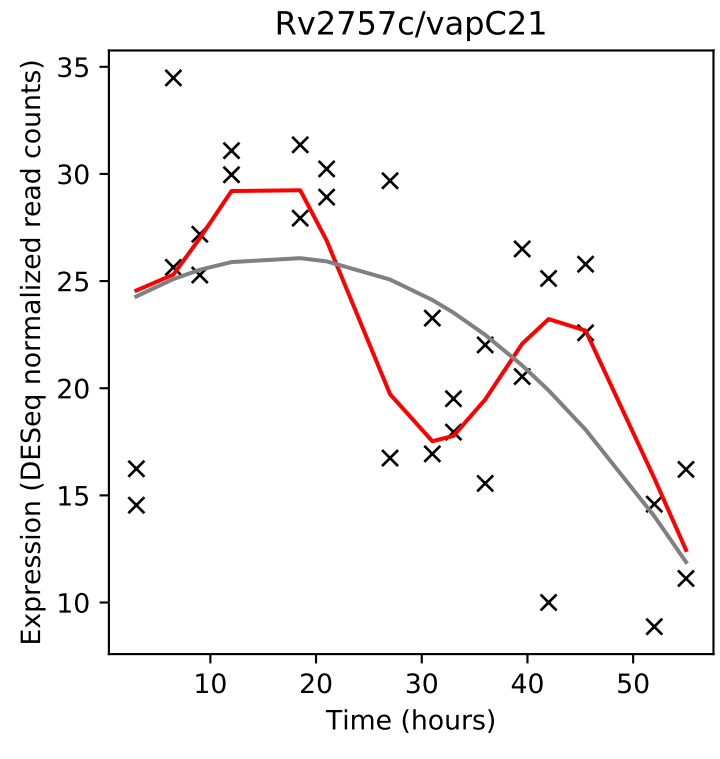

Rv2752c/-
Expression (DESeq normalized read counts)
Time (hours)

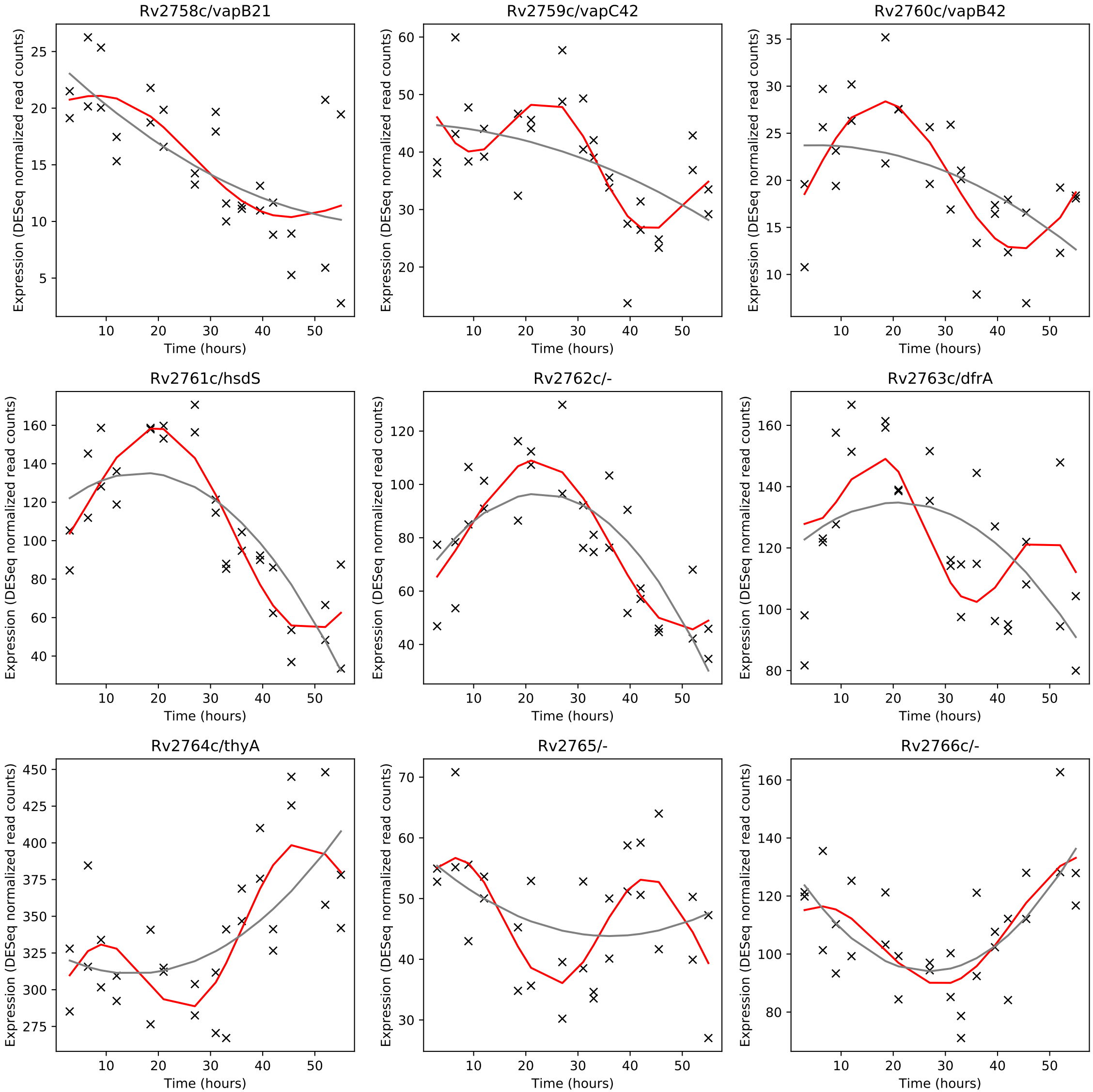

Rv2753c/dapA
Expression (DESeq normalized read counts)
Time (hours)

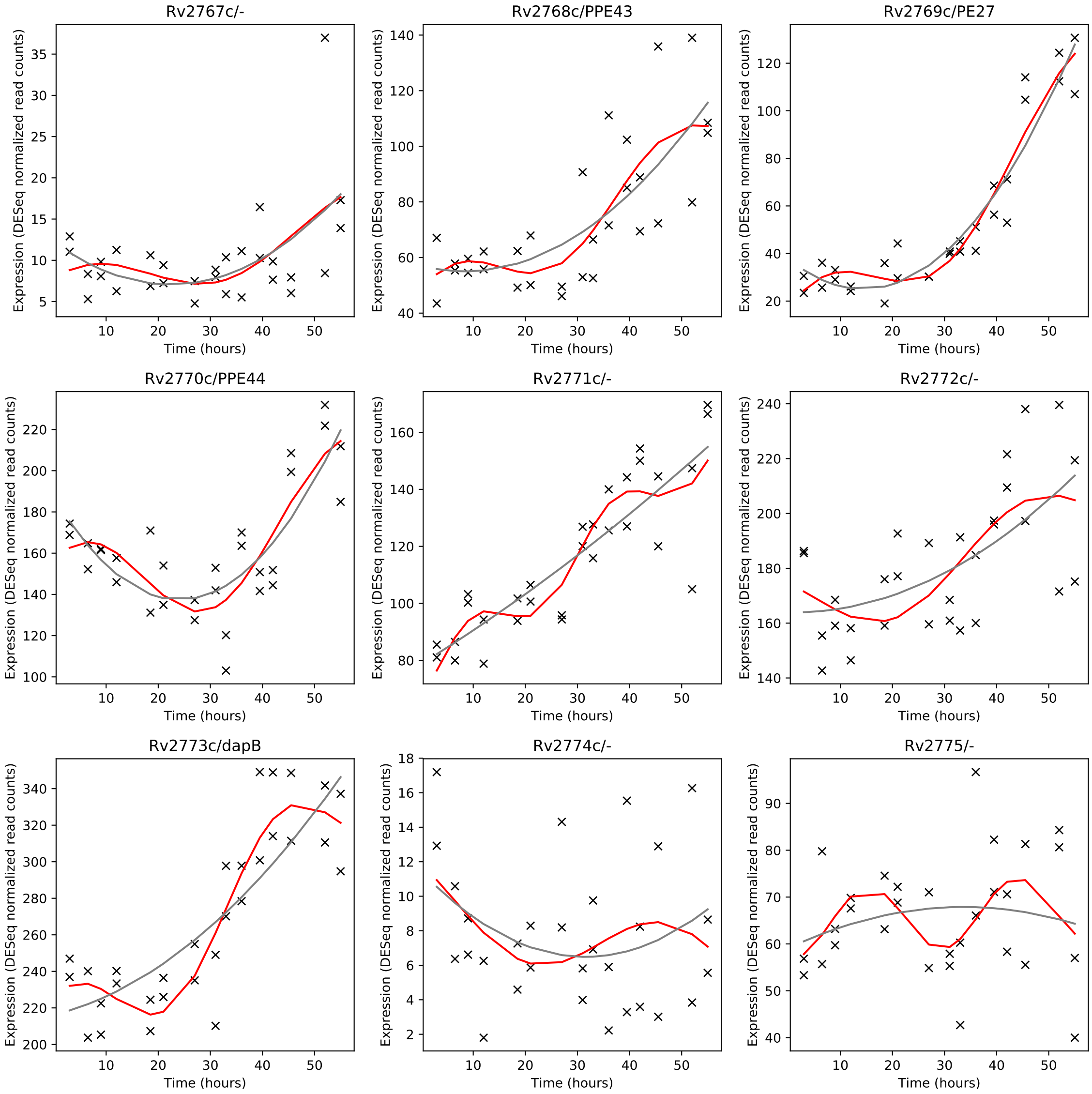

Rv2754c/thyX
Expression (DESeq normalized read counts)
Time (hours)

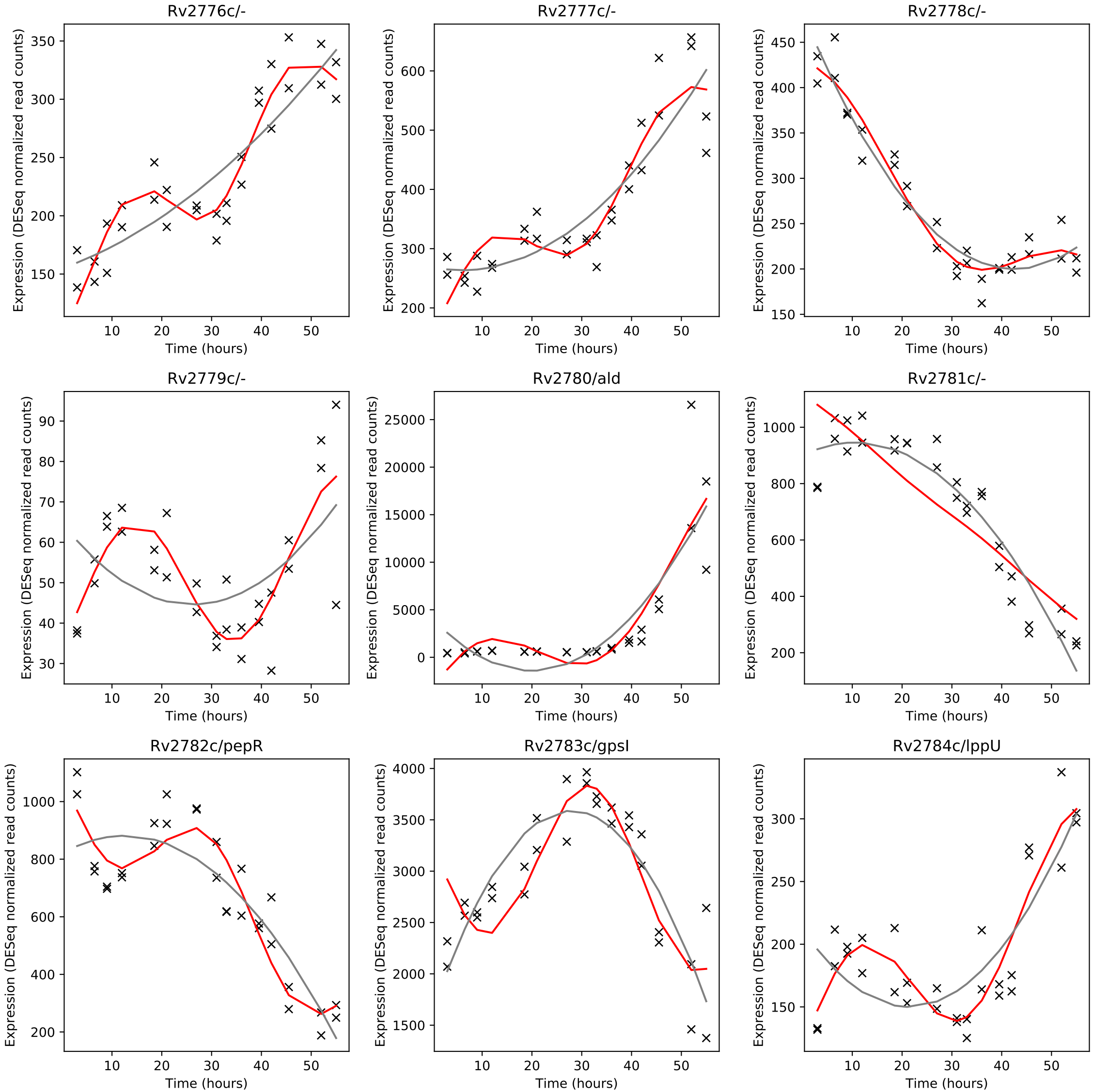

Rv2755c/hsdS.1
Expression (DESeq normalized read counts)
Time (hours)

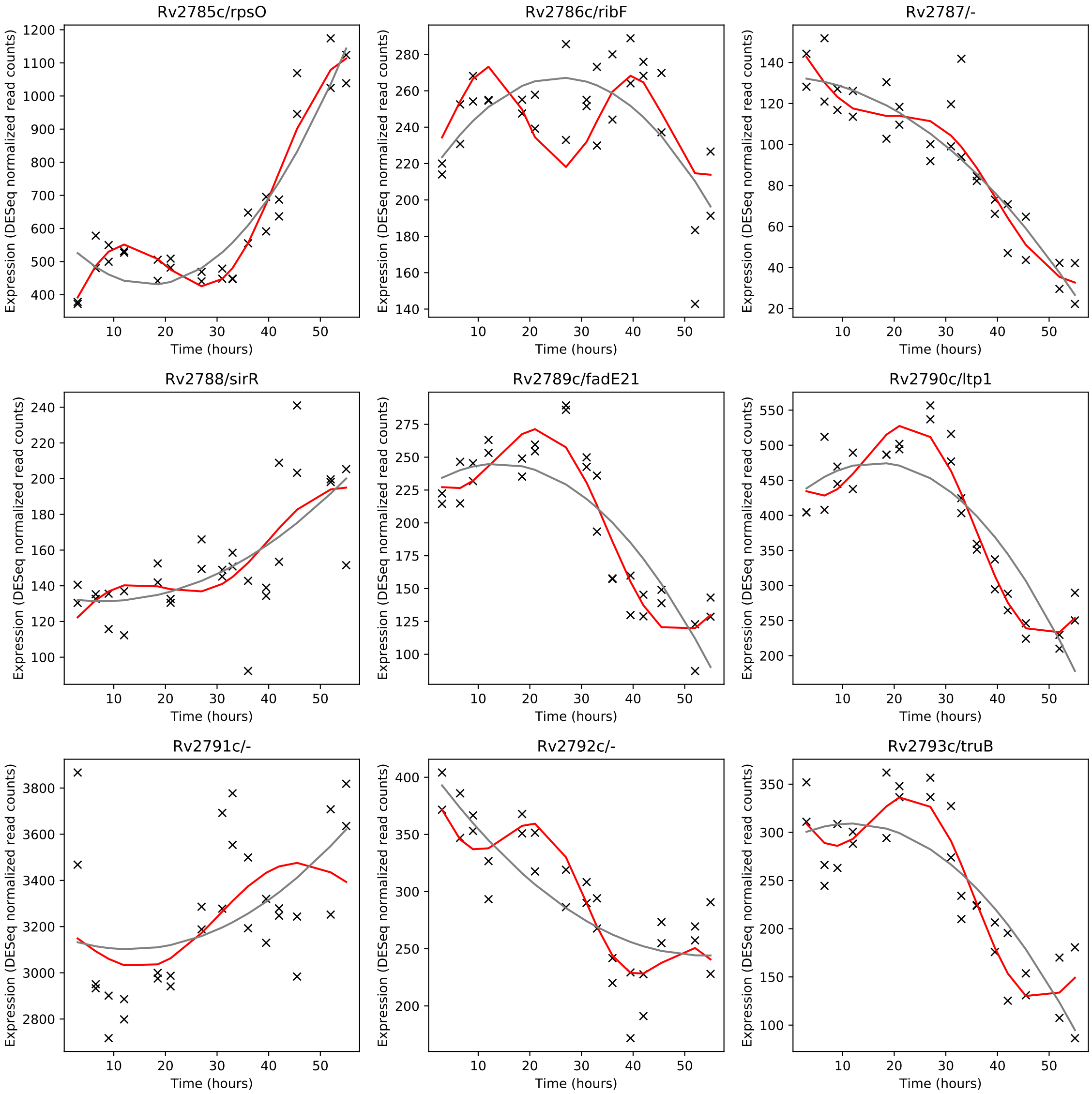

Rv2756c/hsdM
Expression (DESeq normalized read counts)
Time (hours)

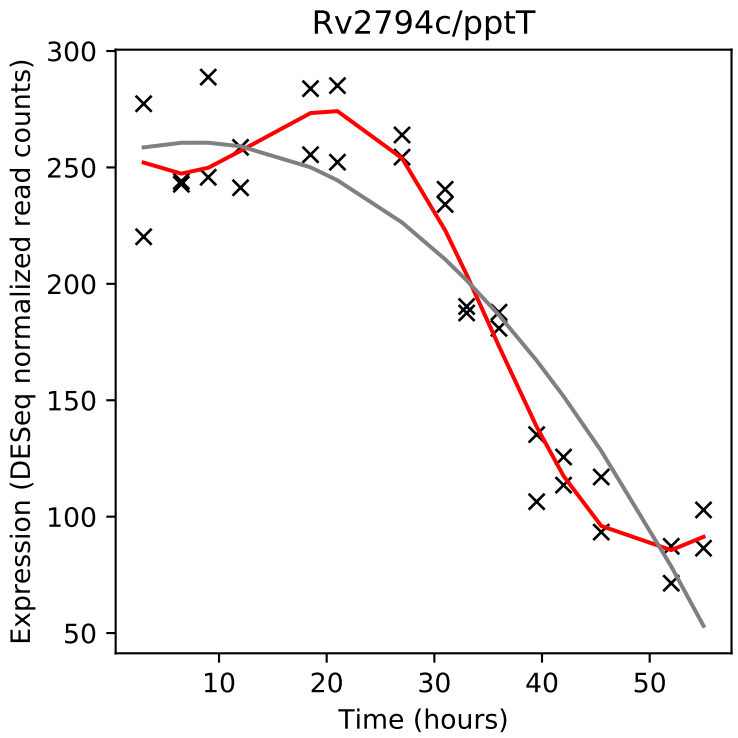

Rv2757c/vapC21
Expression (DESeq normalized read counts)
Time (hours)

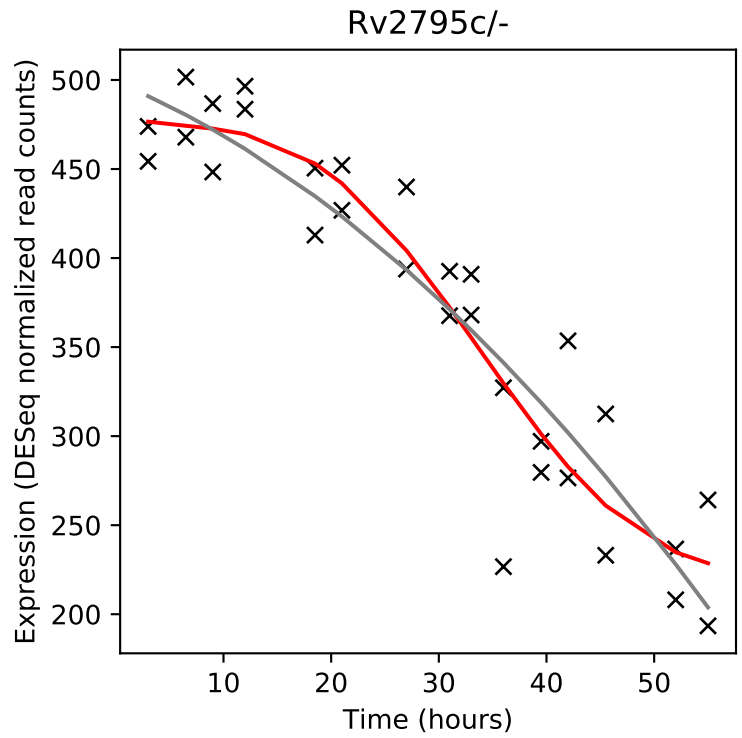

Rv2758c/vapB21
Rv2759c/vapC42
Rv2760c/vapB42
Rv2761c/hsdS
Rv2762c/-
Rv2763c/dfrA
Rv2764c/thyA
Rv2765/-
Rv2766c/-
Expression (DESeq normalized read counts)
Time (hours)

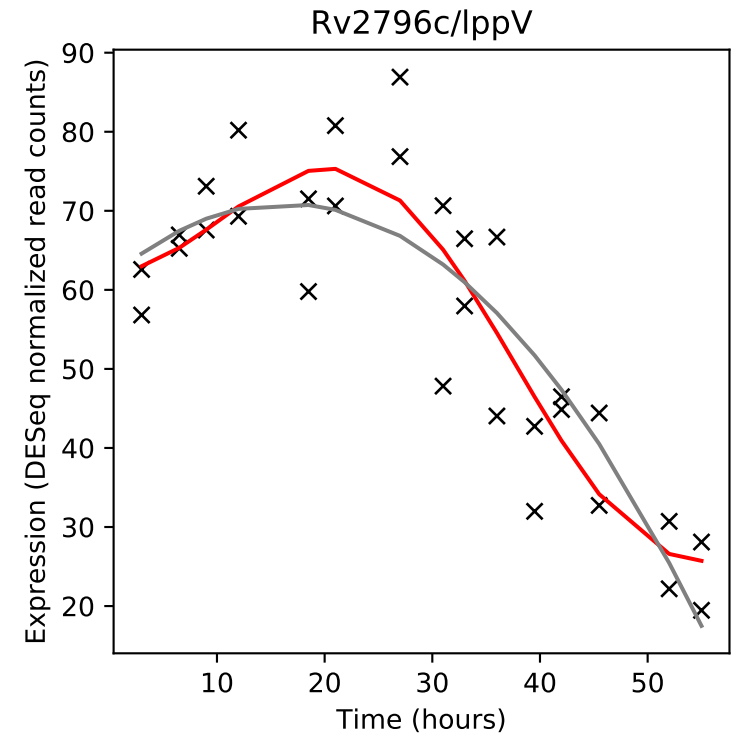

Rv2767c/-
Rv2768c/PPE43
Rv2769c/PE27
Rv2770c/PPE44
Rv2771c/-
Rv2772c/-
Rv2773c/dapB
Rv2774c/-
Rv2775/-
Expression (DESeq normalized read counts)
Time (hours)

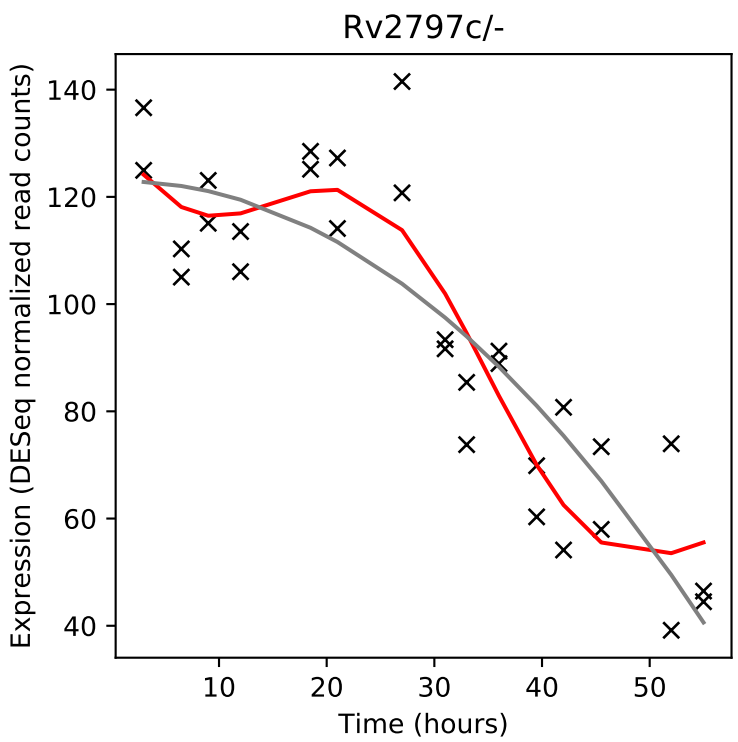

Rv2776c/-
Rv2777c/-
Rv2778c/-
Rv2779c/-
Rv2780/ald
Rv2781c/-
Rv2782c/pepR
Rv2783c/gpsI
Rv2784c/lppU
Expression (DESeq normalized read counts)
Time (hours)

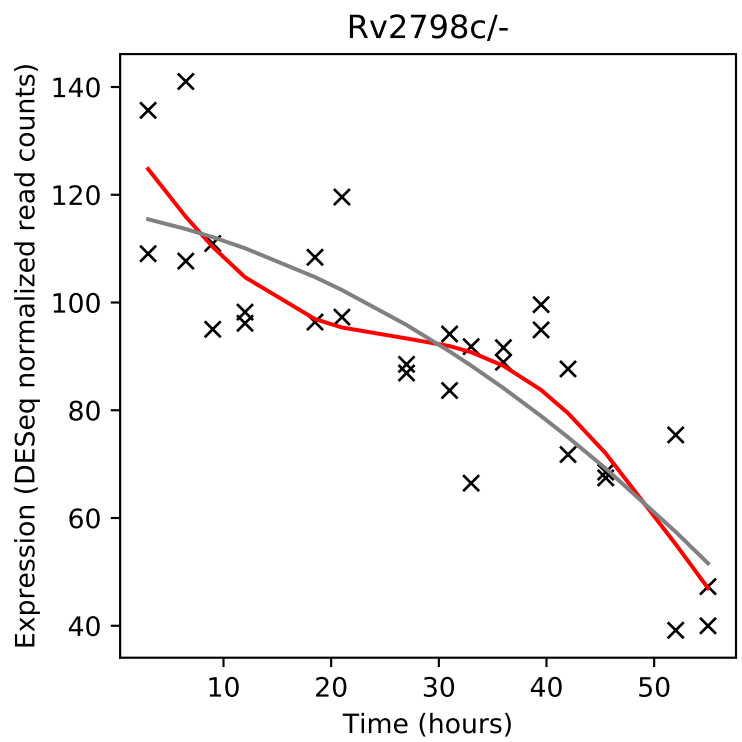

Rv2785c/rpsO
Rv2786c/ribF
Rv2787/-
Rv2788/sirR
Rv2789c/fadE21
Rv2790c/ltp1
Rv2791c/-
Rv2792c/-
Rv2793c/truB
Expression (DESeq normalized read counts)
Time (hours)

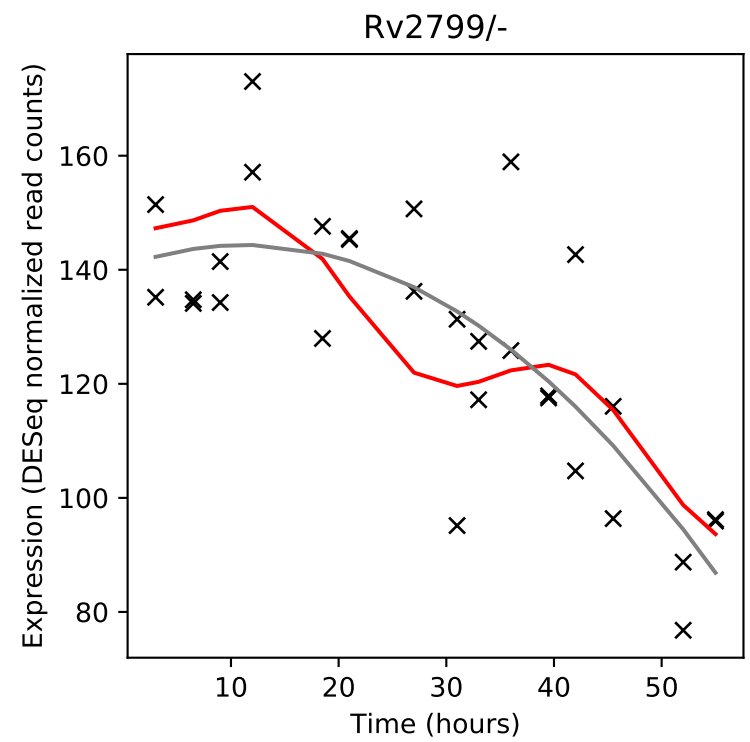

Rv2794c/pptT
Expression (DESeq normalized read counts)
Time (hours)

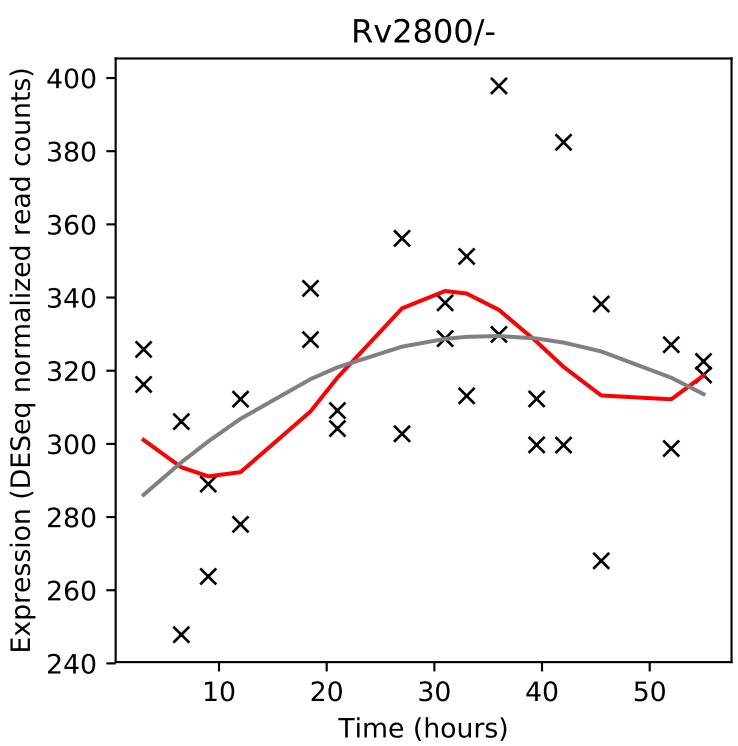

Rv2795c/-
Expression (DESeq normalized read counts)
Time (hours)

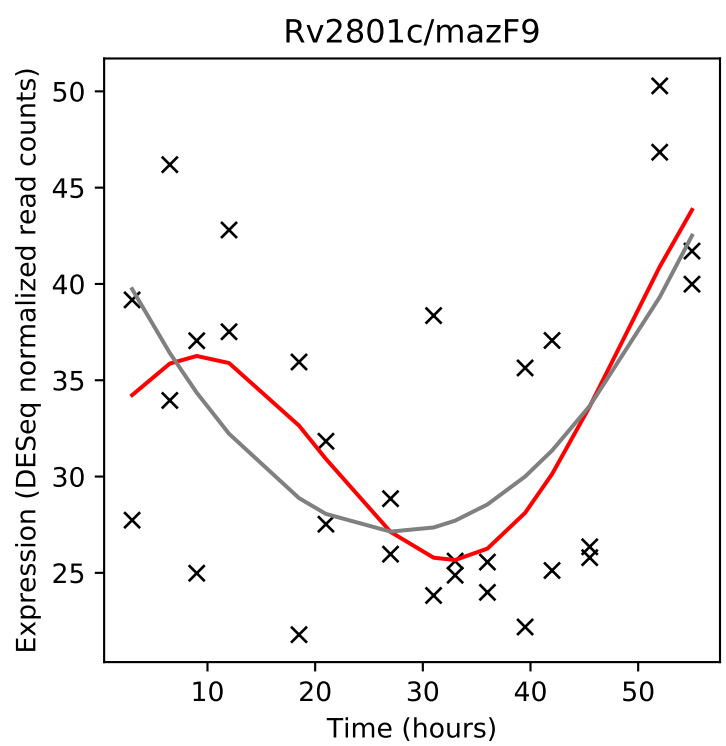

Rv2796c/lppV
Expression (DESeq normalized read counts)
Time (hours)

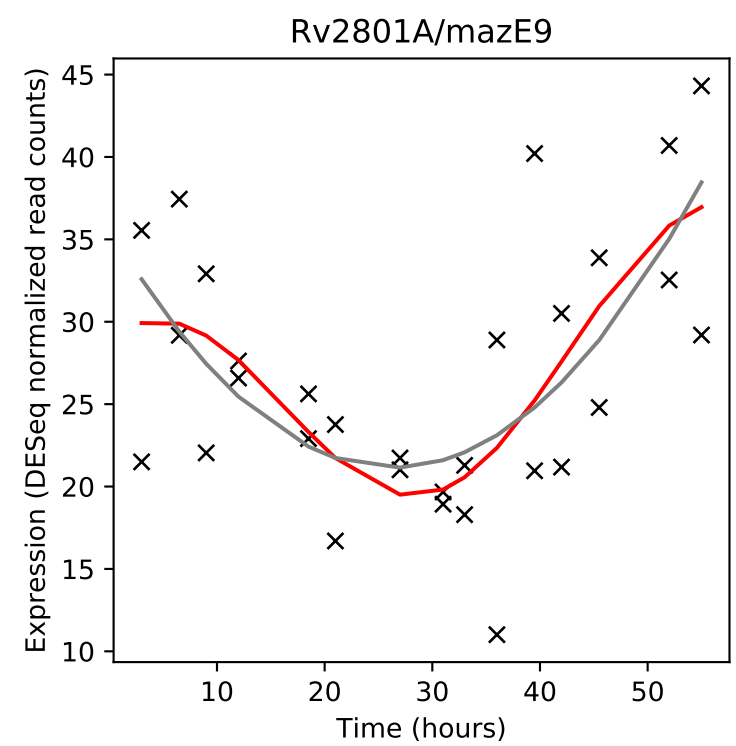

Rv2797c/-
Expression (DESeq normalized read counts)
Time (hours)

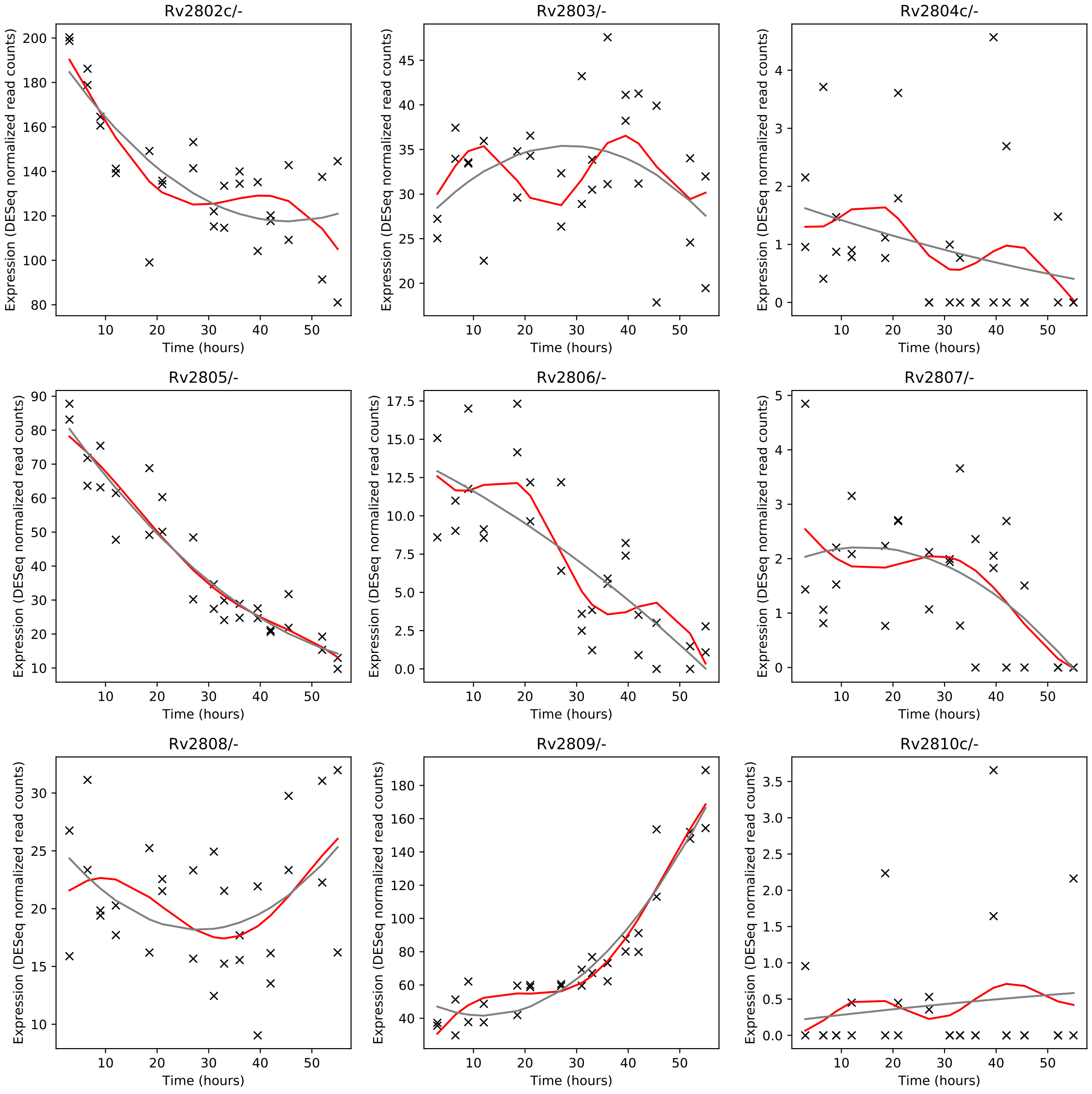

Rv2798c/-
Expression (DESeq normalized read counts)
Time (hours)

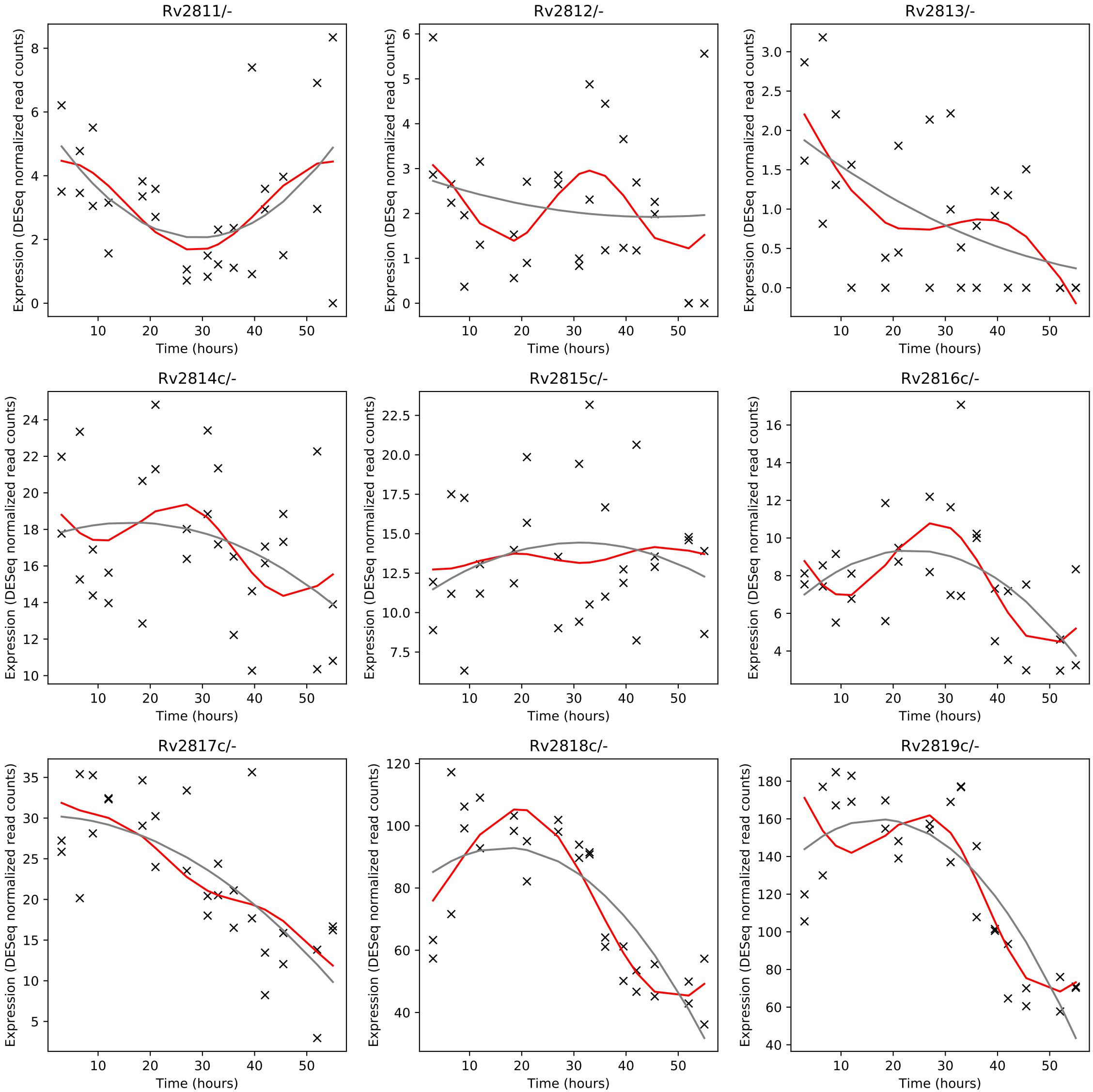

Rv2799/-
Expression (DESeq normalized read counts)
Time (hours)

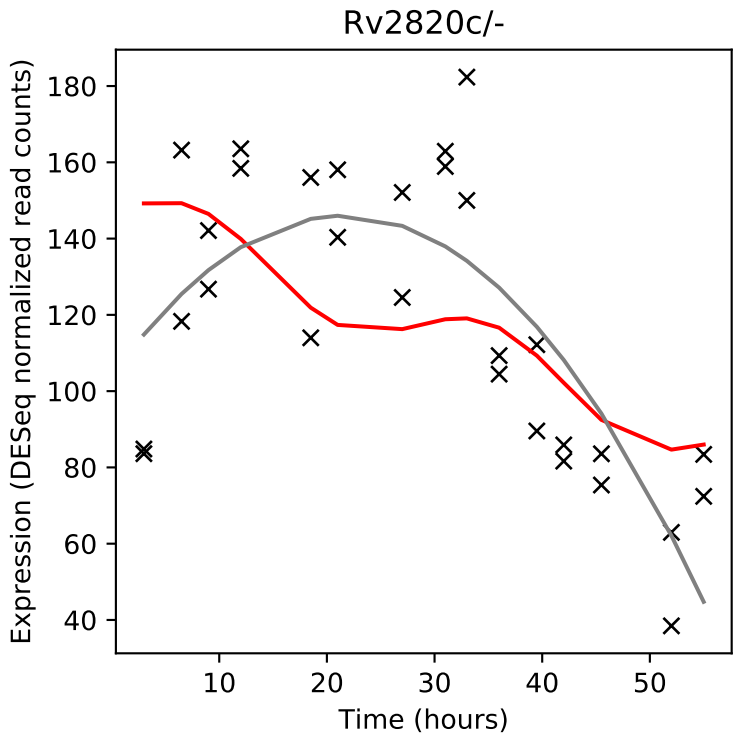

Rv2800/-
Expression (DESeq normalized read counts)
Time (hours)

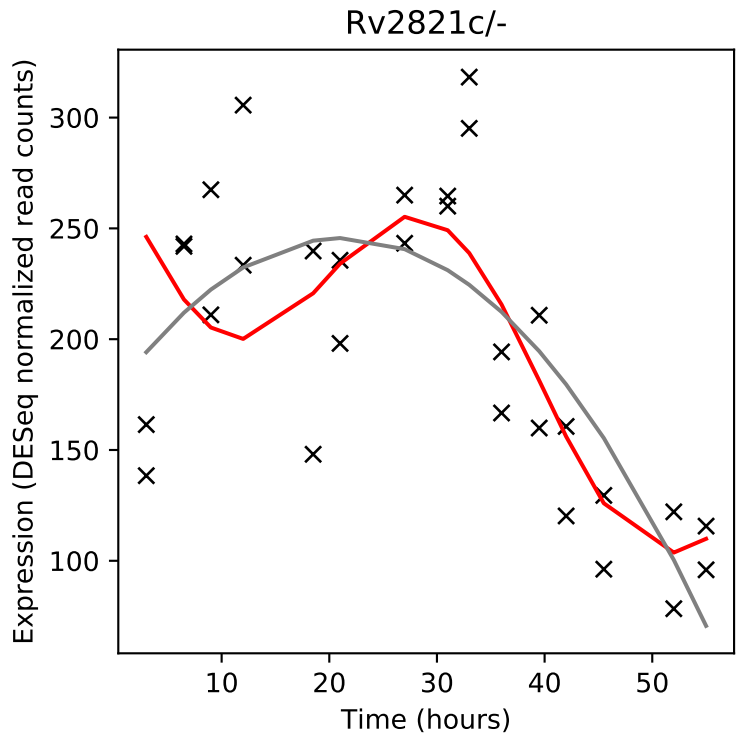

Rv2801c/mazF9
Expression (DESeq normalized read counts)
Time (hours)

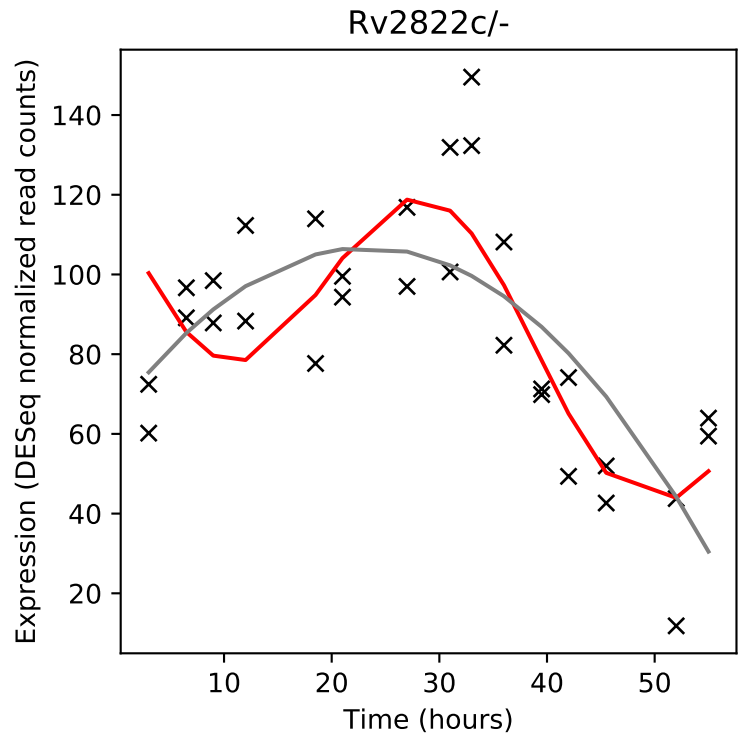

Rv2801A/mazE9
Expression (DESeq normalized read counts)
Time (hours)

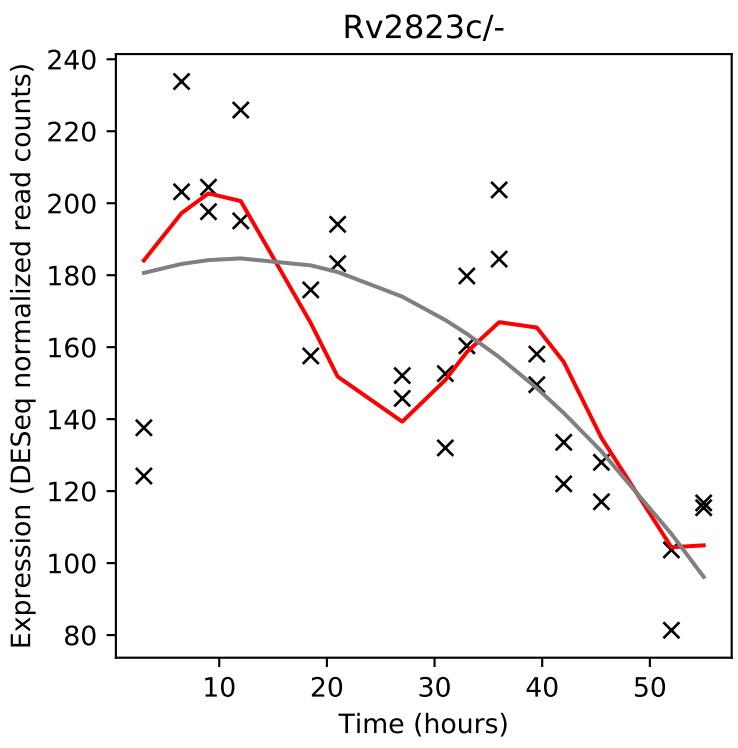

Rv2802c/-
Rv2803/-
Rv2804c/-
Rv2805/-
Rv2806/-
Rv2807/-
Rv2808/-
Rv2809/-
Rv2810c/-
Expression (DESeq normalized read counts)
Time (hours)

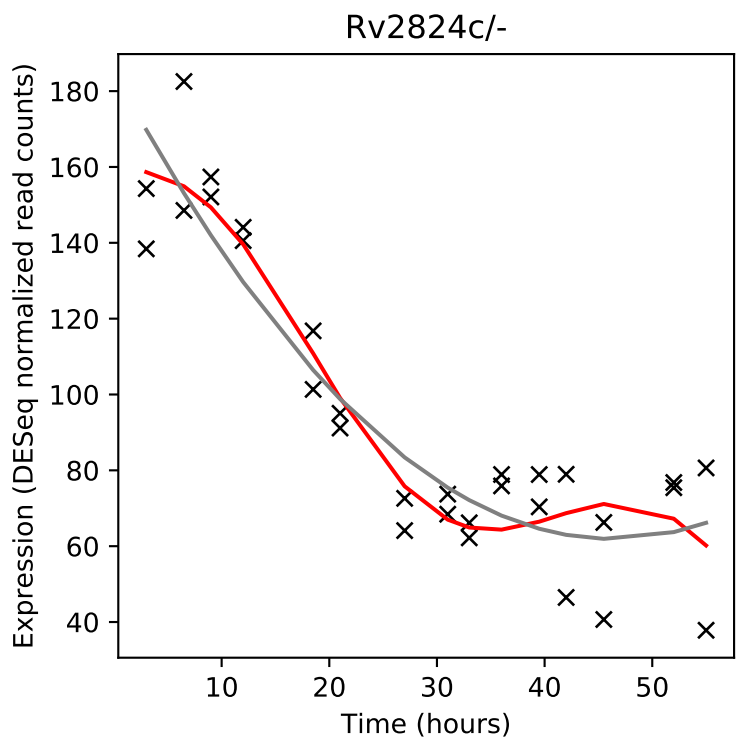

Rv2811/-
Rv2812/-
Rv2813/-
Rv2814c/-
Rv2815c/-
Rv2816c/-
Rv2817c/-
Rv2818c/-
Rv2819c/-
Expression (DESeq normalized read counts)
Time (hours)

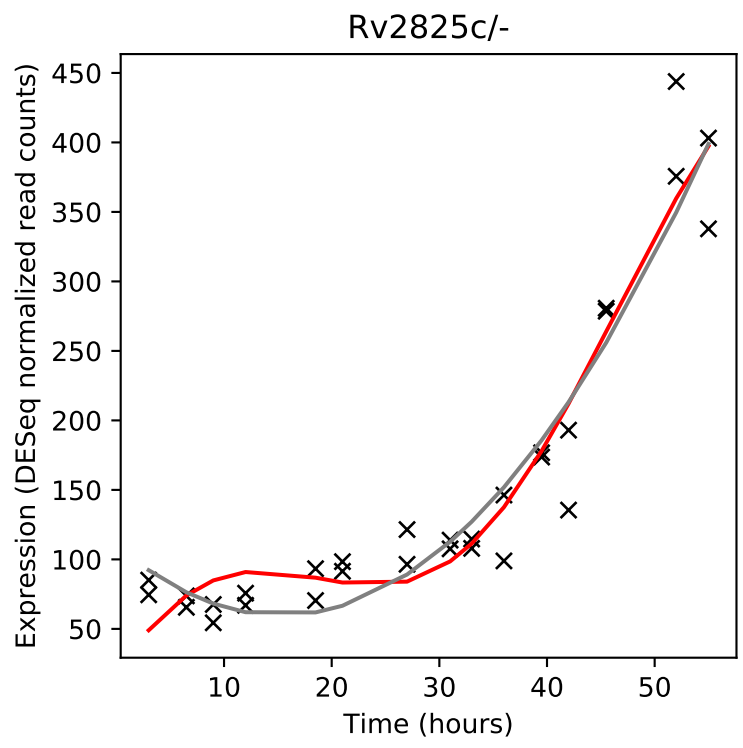

Rv2820c/-
Expression (DESeq normalized read counts)
Time (hours)

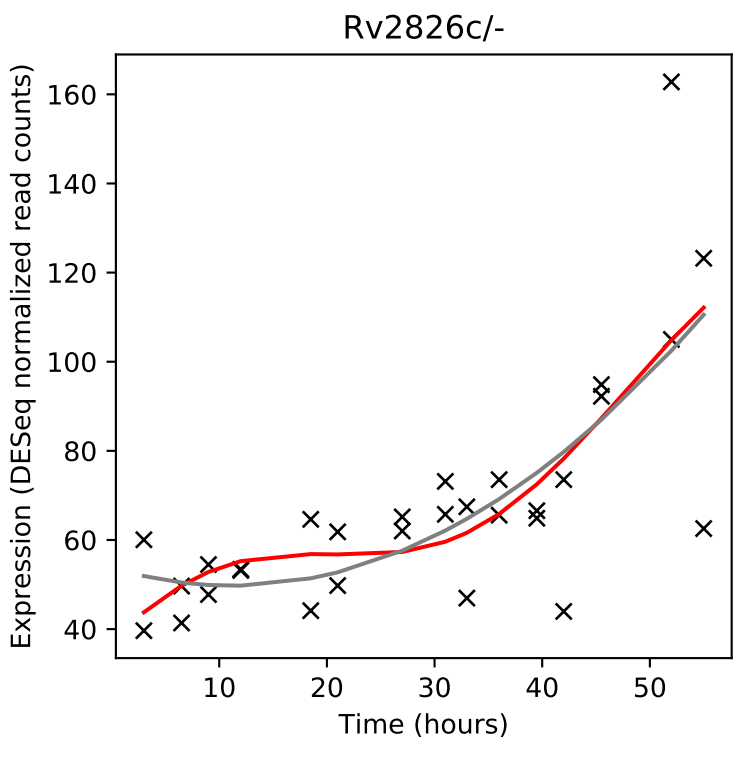

Rv2821c/-
Expression (DESeq normalized read counts)
Time (hours)

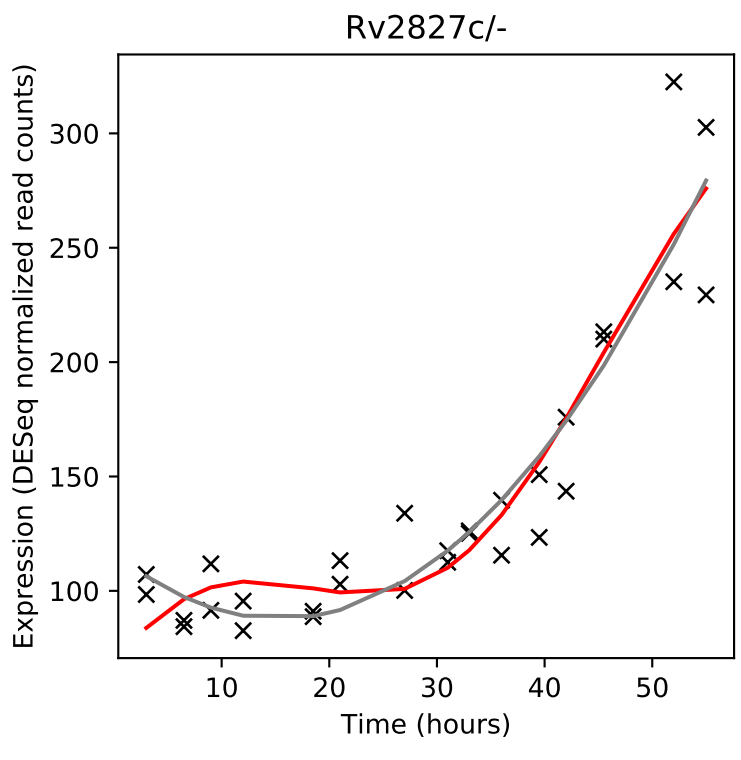

Rv2822c/-
Expression (DESeq normalized read counts)
Time (hours)

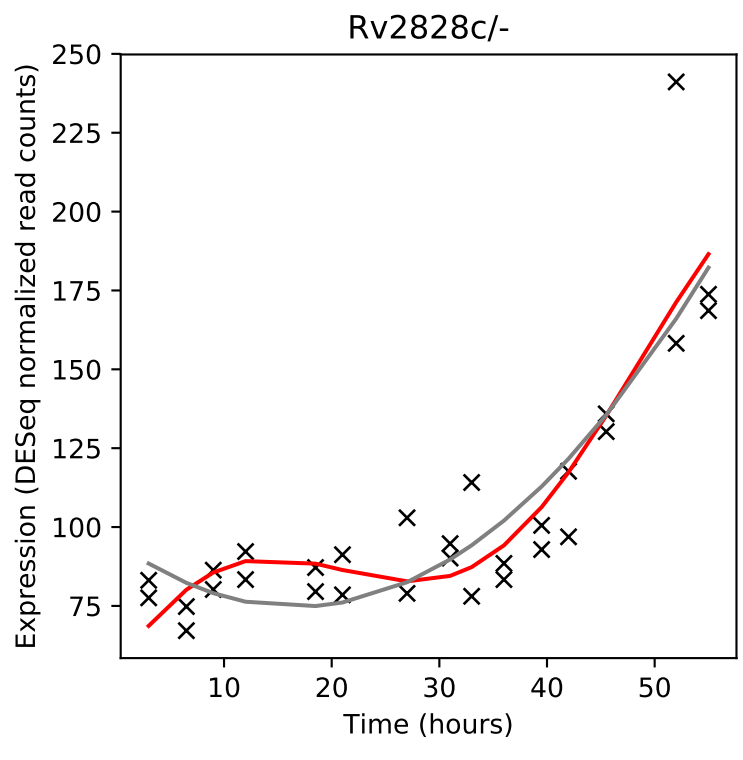

Rv2823c/-
Expression (DESeq normalized read counts)
Time (hours)

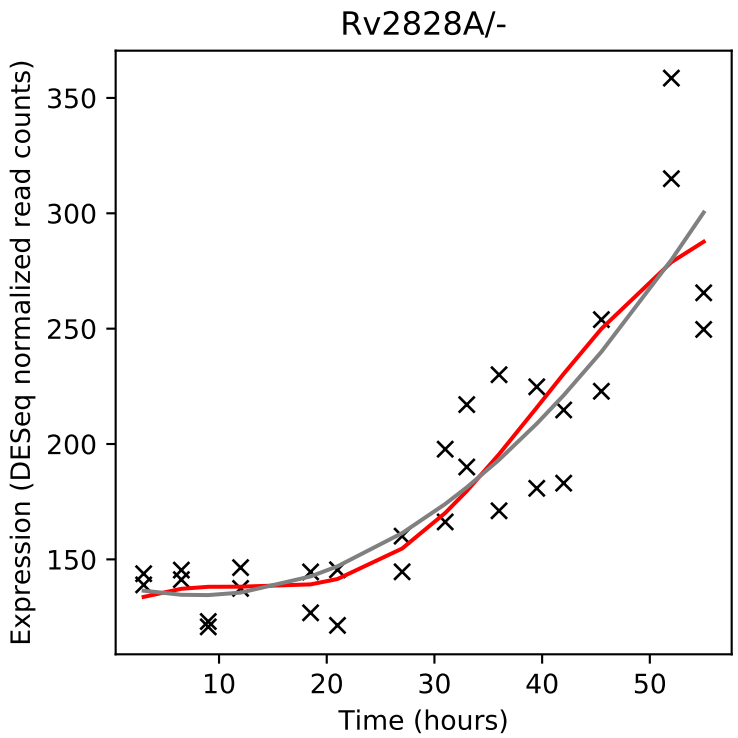

Rv2824c/-
Expression (DESeq normalized read counts)
Time (hours)

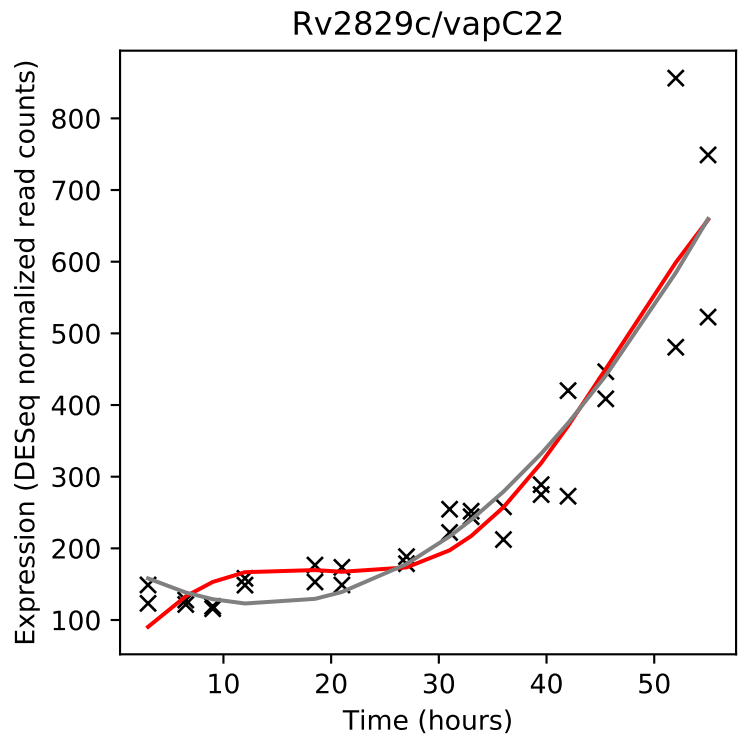

Rv2825c/-
Expression (DESeq normalized read counts)
Time (hours)

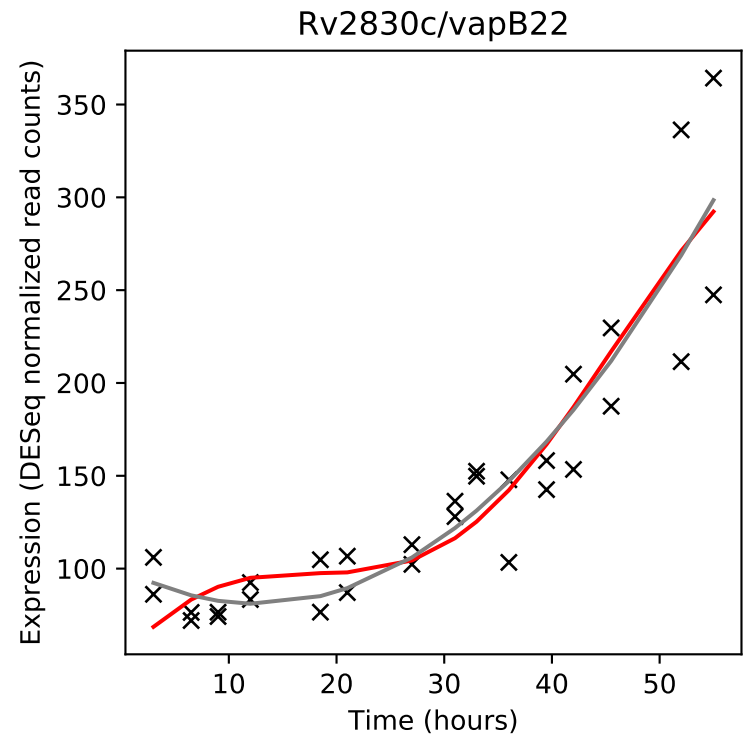

Rv2826c/-
Expression (DESeq normalized read counts)
Time (hours)

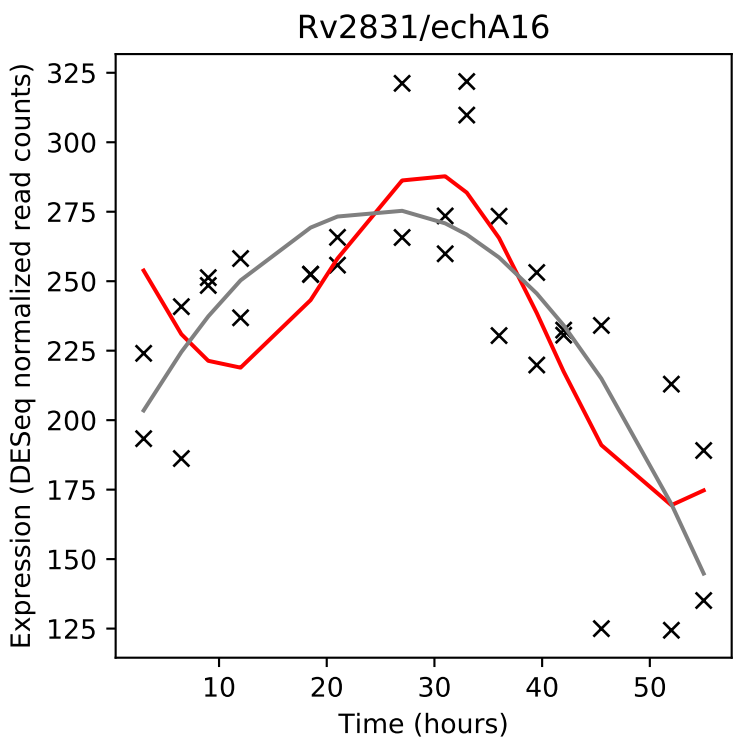

Rv2827c/-
Expression (DESeq normalized read counts)
Time (hours)

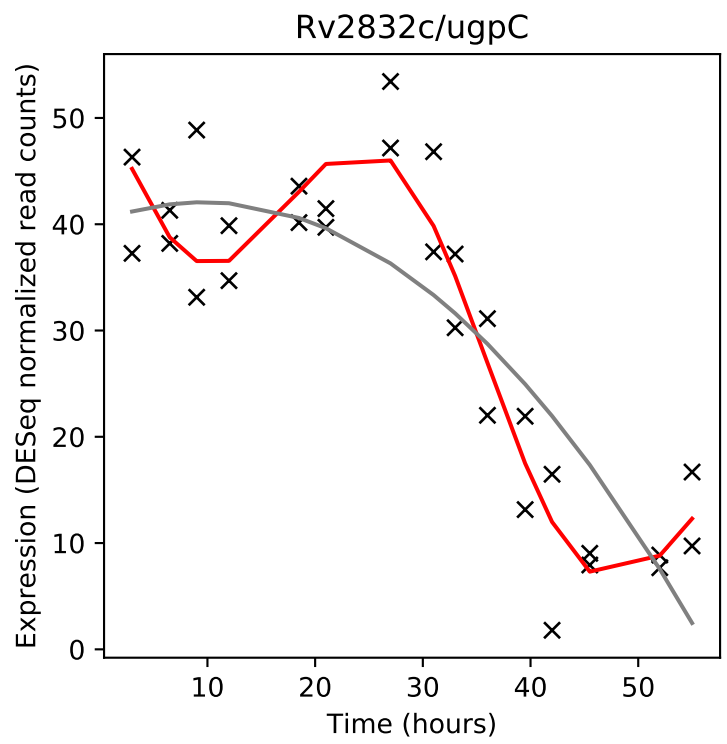

Rv2828c/-
Expression (DESeq normalized read counts)
Time (hours)

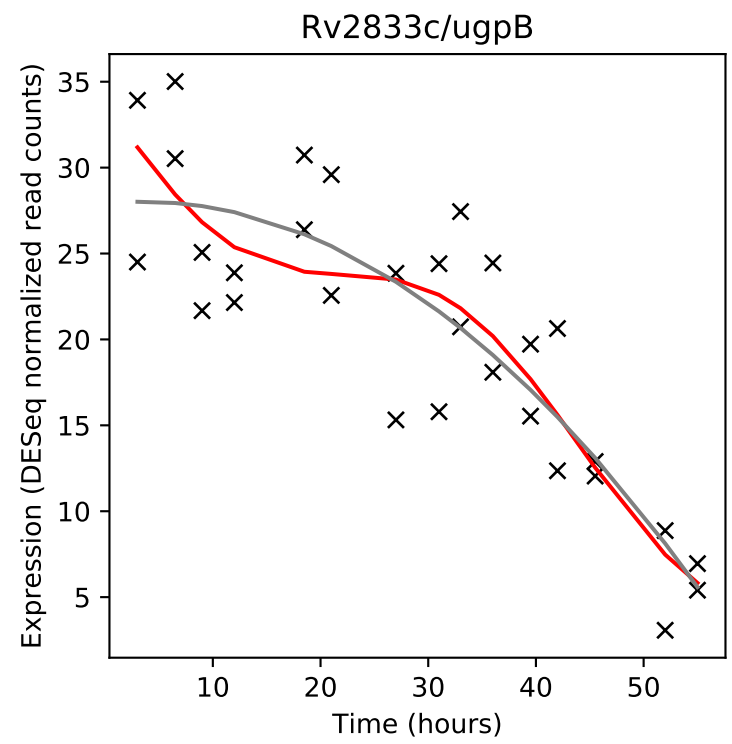

Rv2828A/-
Expression (DESeq normalized read counts)
Time (hours)

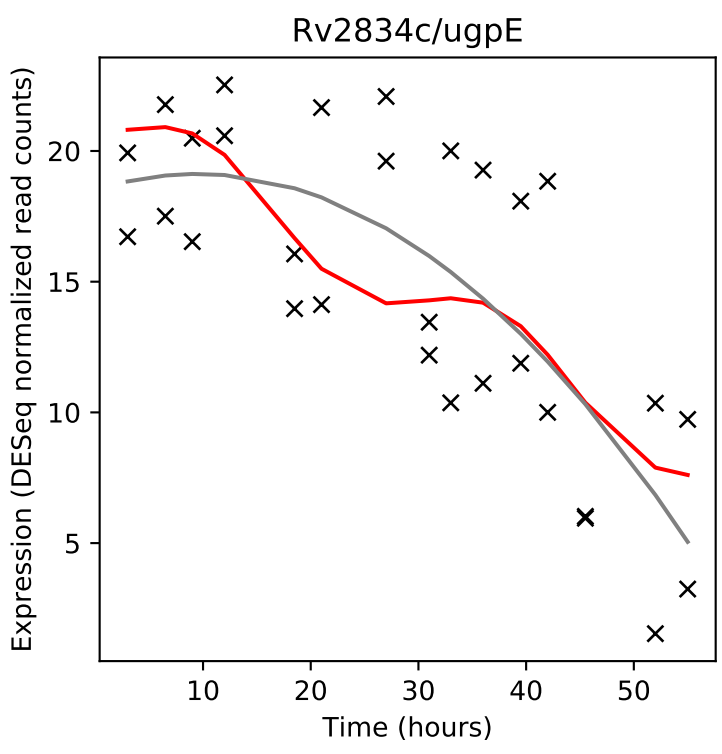

Rv2829c/vapC22
Expression (DESeq normalized read counts)
Time (hours)

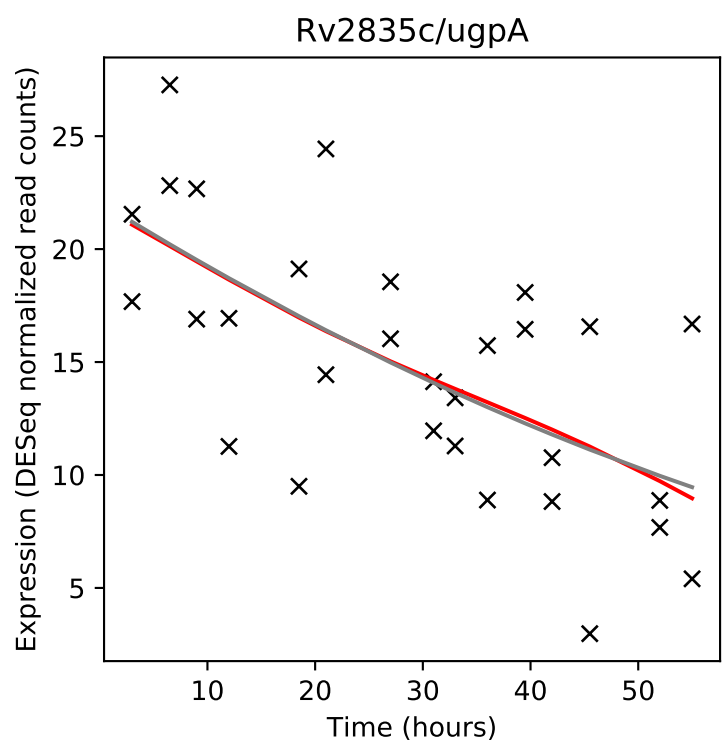

Rv2830c/vapB22
Expression (DESeq normalized read counts)
Time (hours)

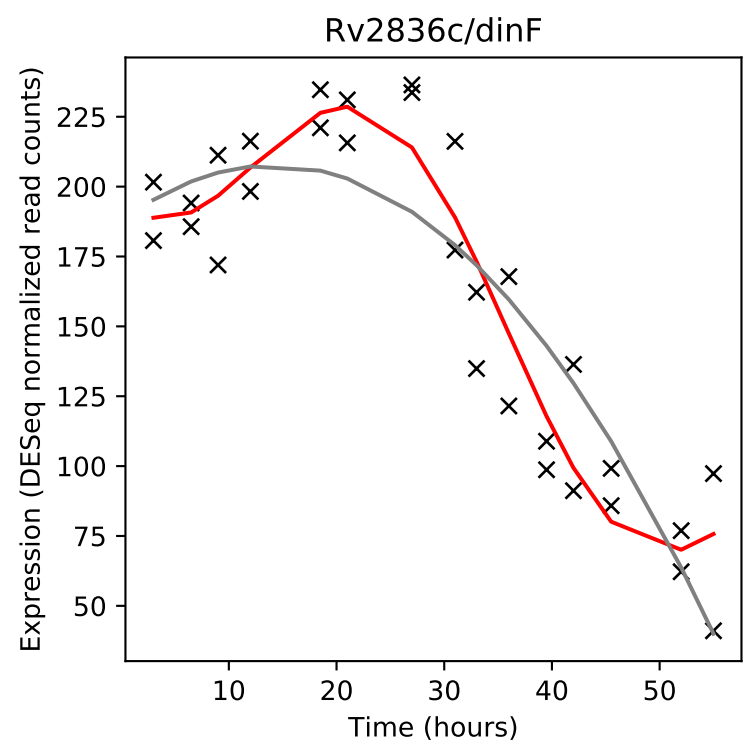

Rv2831/echA16
Expression (DESeq normalized read counts)
Time (hours)

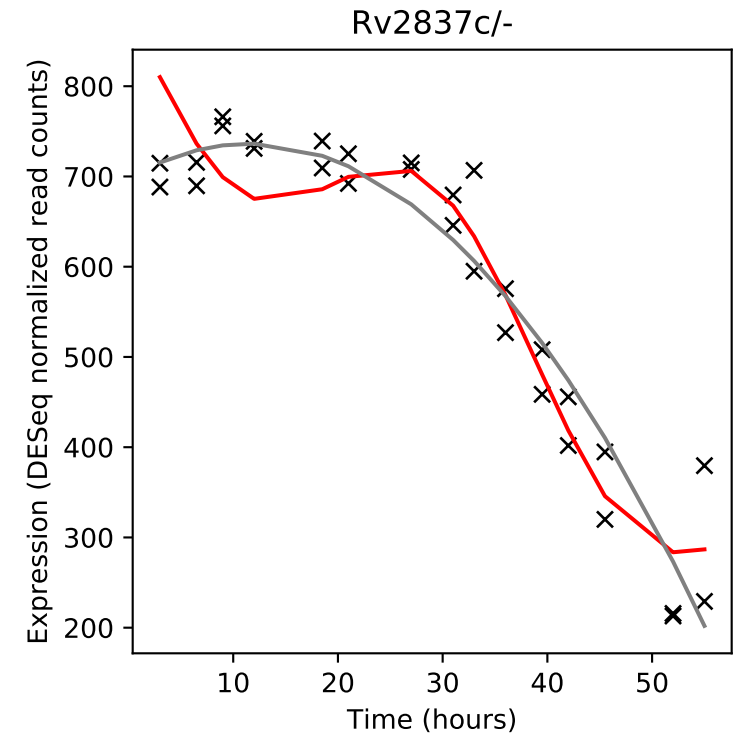

Rv2832c/ugpC
Expression (DESeq normalized read counts)
Time (hours)

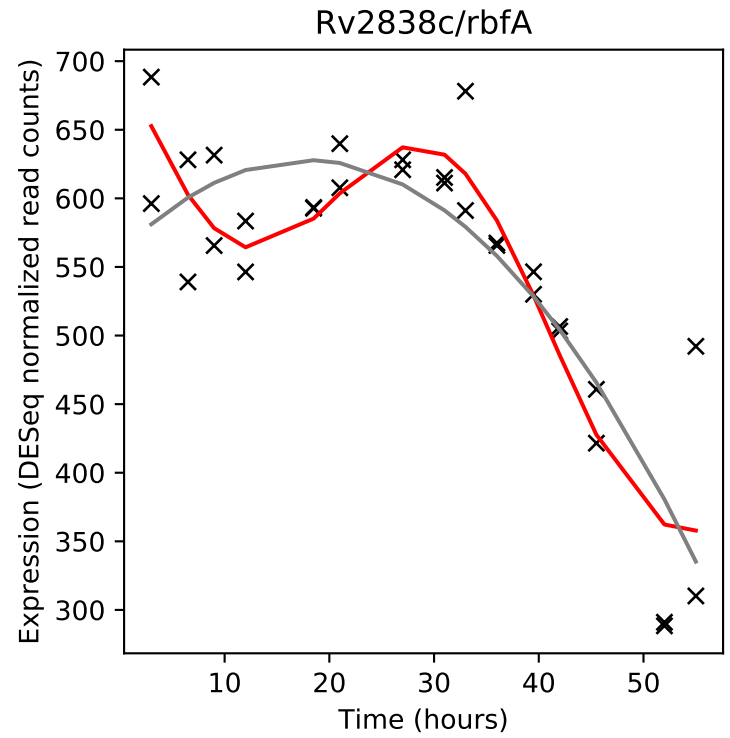

Rv2833c/ugpB
Expression (DESeq normalized read counts)
Time (hours)

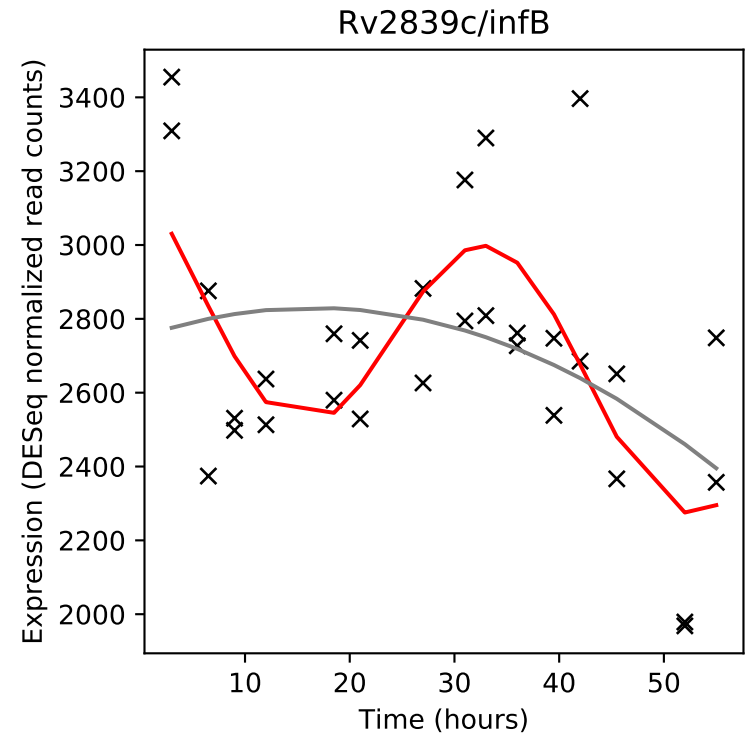

Rv2834c/ugpE
Expression (DESeq normalized read counts)
Time (hours)

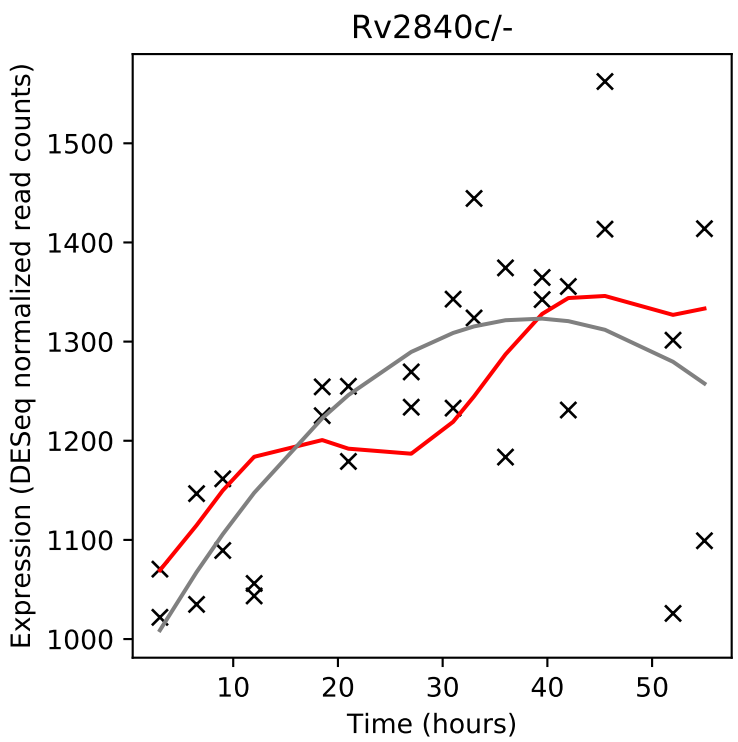

Rv2835c/ugpA
Expression (DESeq normalized read counts)
Time (hours)

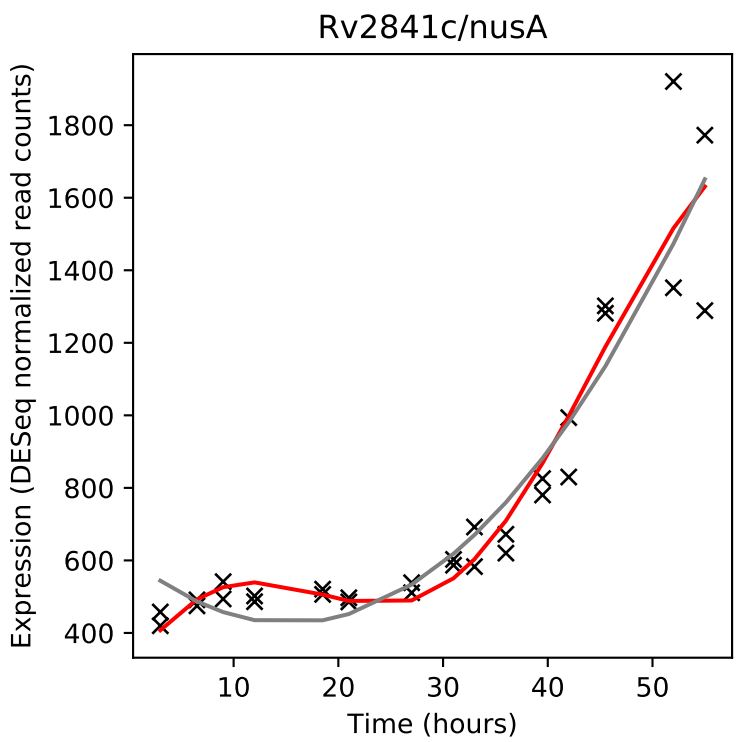

Rv2836c/dinF
Expression (DESeq normalized read counts)
Time (hours)

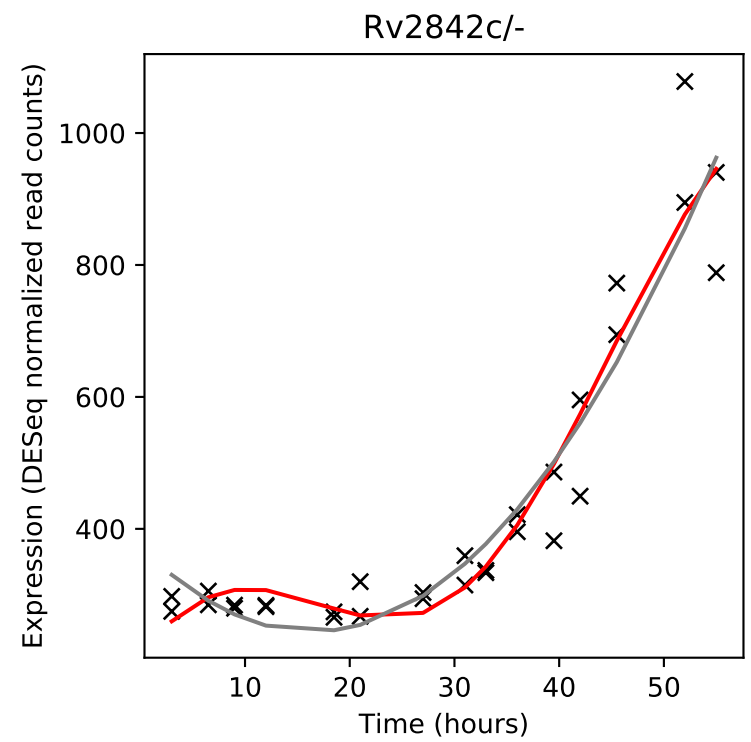

Rv2837c/-
Expression (DESeq normalized read counts)
Time (hours)

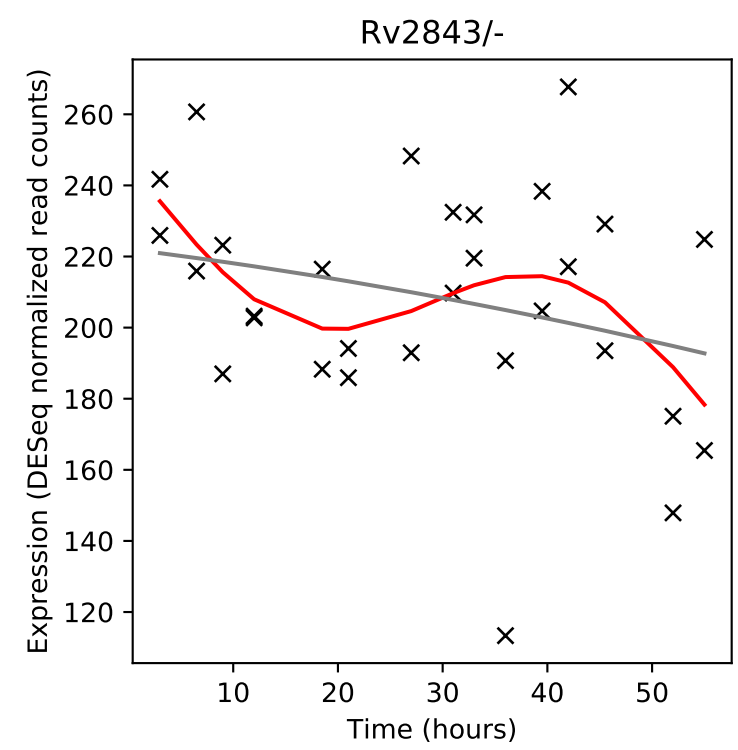

Rv2838c/rbfA
Expression (DESeq normalized read counts)
Time (hours)

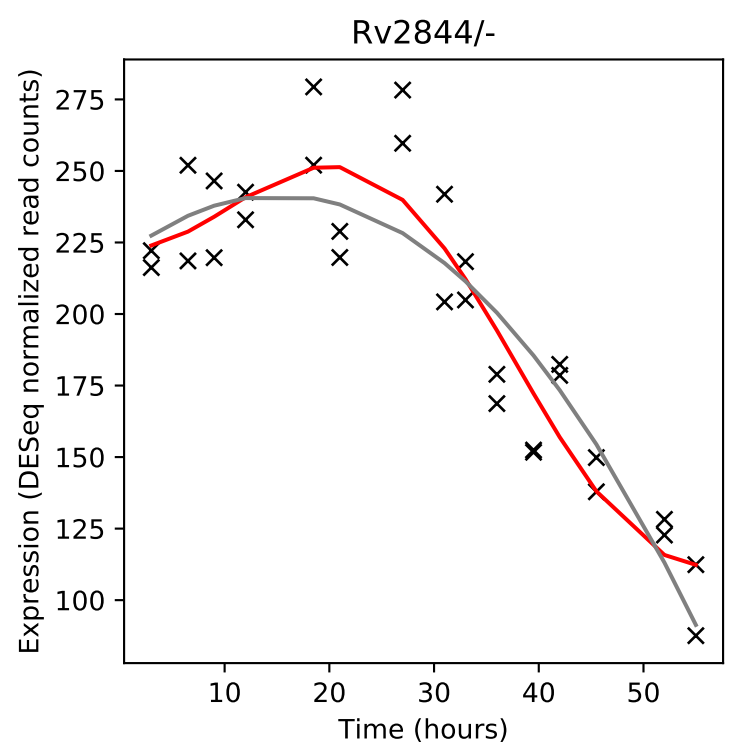

Rv2839c/infB
Expression (DESeq normalized read counts)
Time (hours)

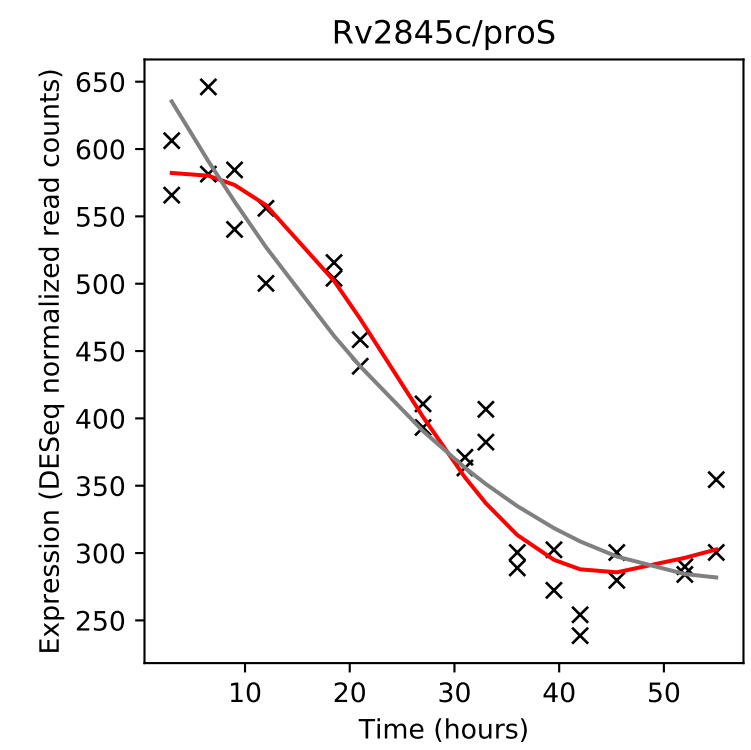

Rv2840c/-
Expression (DESeq normalized read counts)
Time (hours)

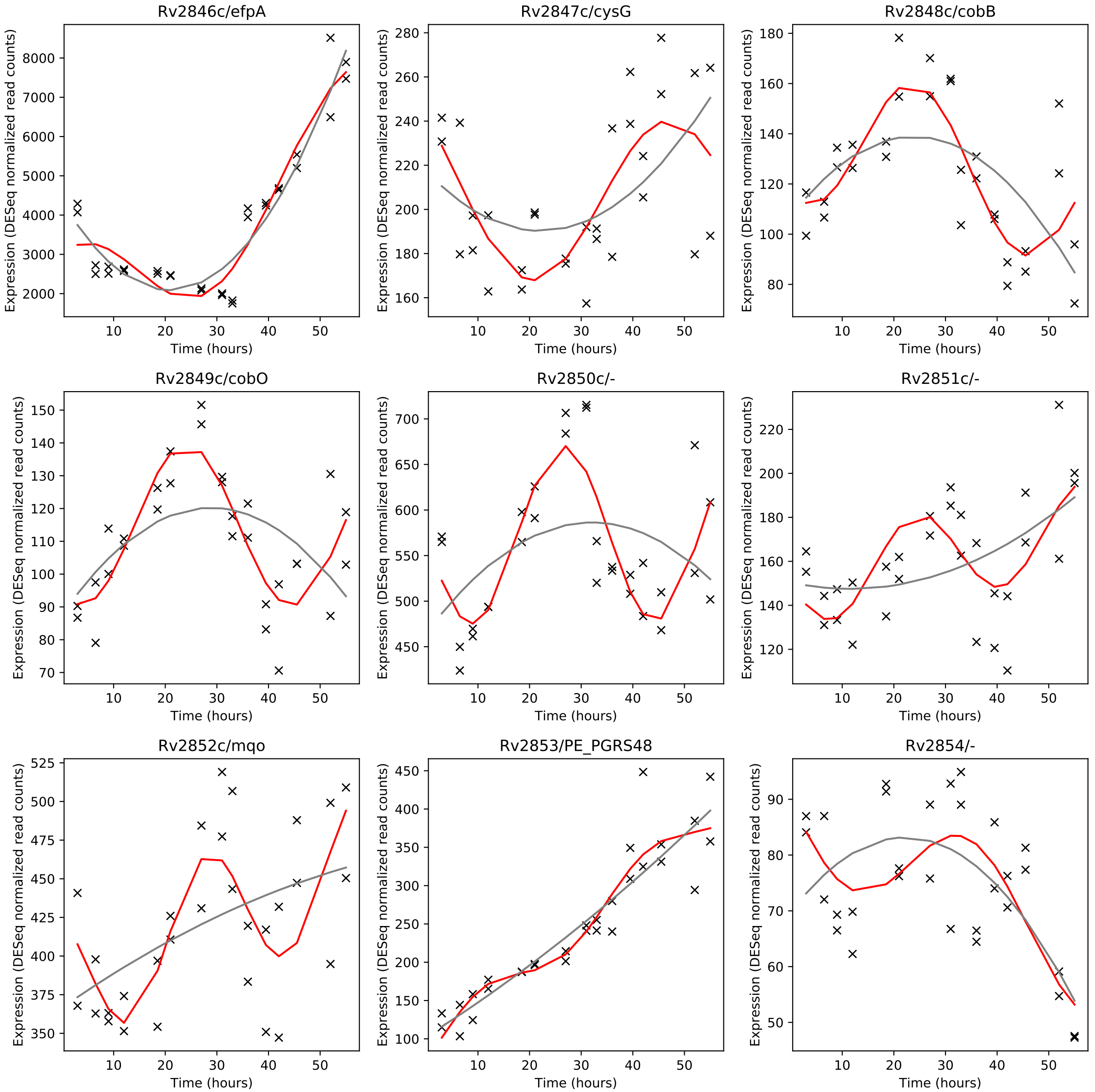

Rv2841c/nusA
Expression (DESeq normalized read counts)
Time (hours)

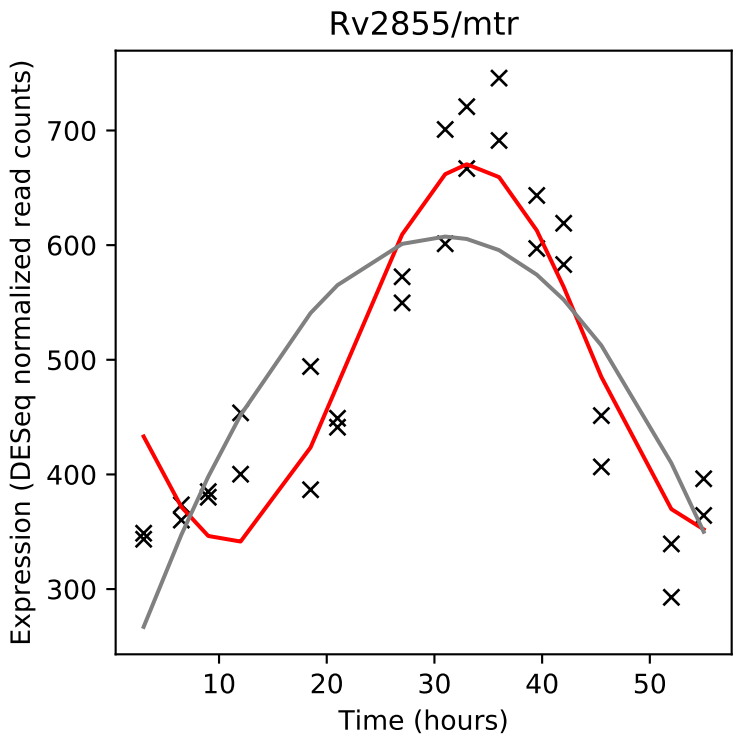

Rv2842c/-
Expression (DESeq normalized read counts)
Time (hours)

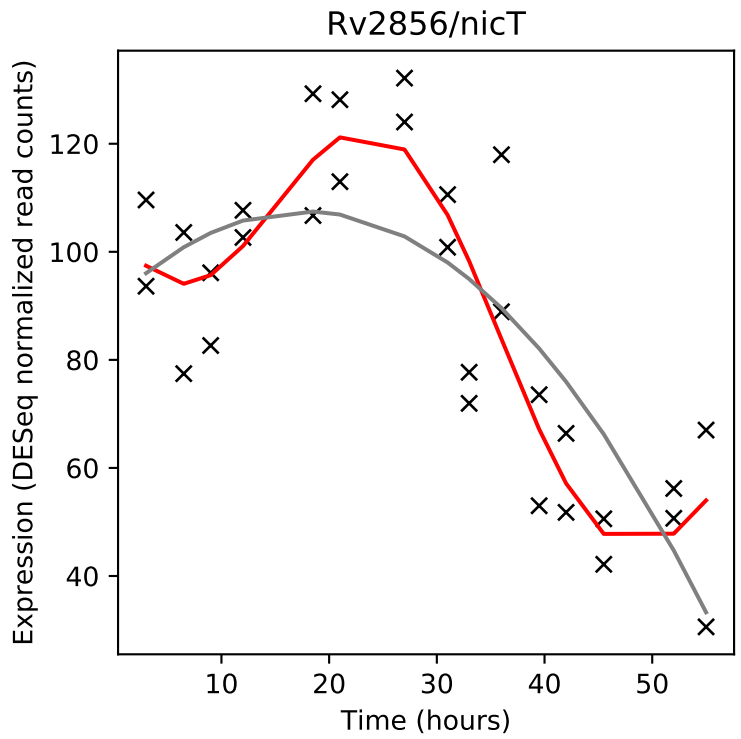

Rv2843/-
Expression (DESeq normalized read counts)
Time (hours)

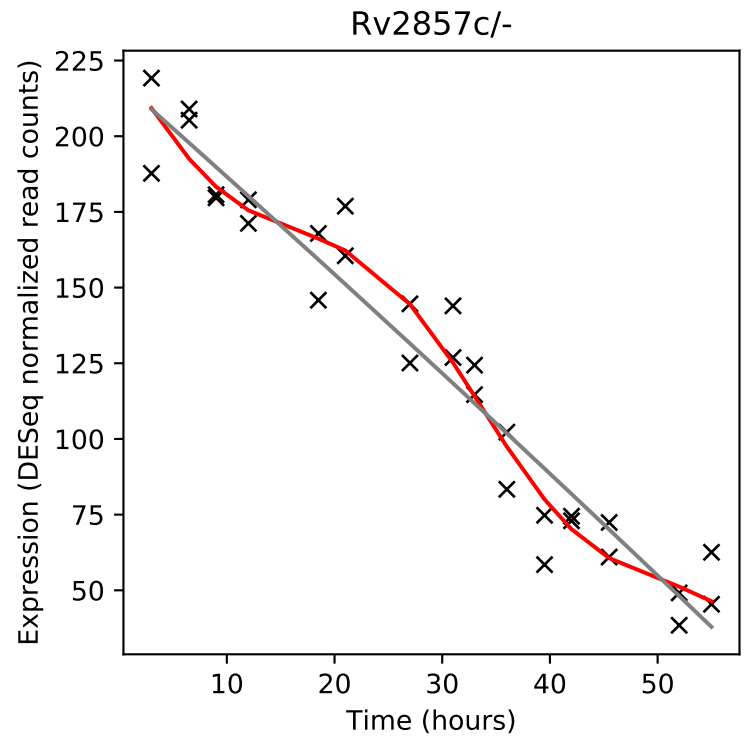

Rv2844/-
Expression (DESeq normalized read counts)
Time (hours)

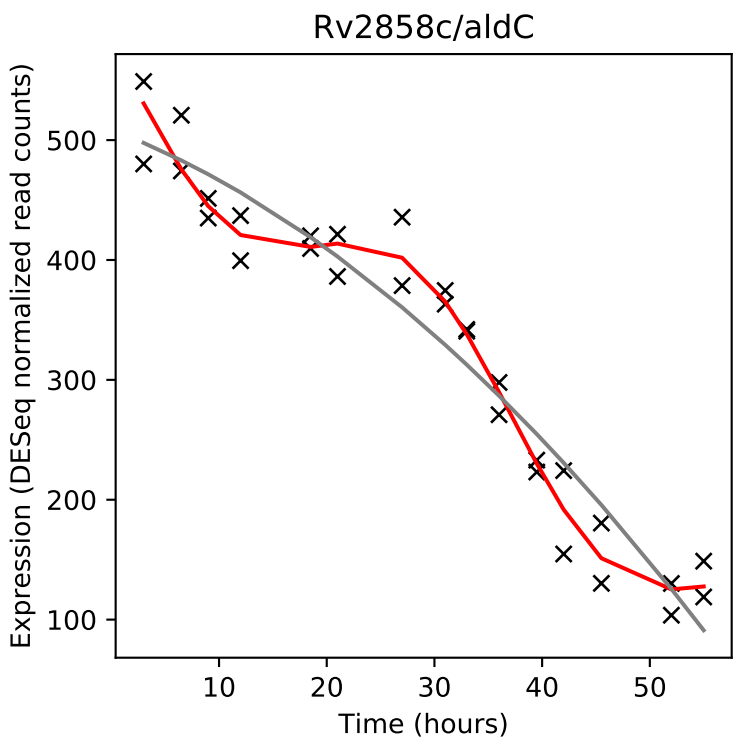

Rv2845c/proS
Expression (DESeq normalized read counts)
Time (hours)

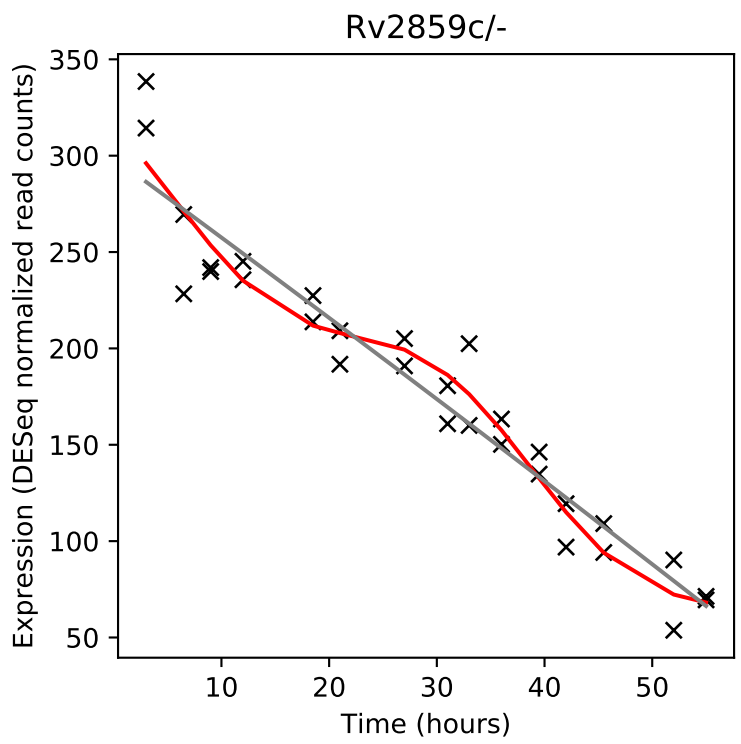

Rv2846c/efpA
Rv2847c/cysG
Rv2848c/cobB
Rv2849c/cobO
Rv2850c/-
Rv2851c/-
Rv2852c/mqo
Rv2853/PE_PGRS48
Rv2854/-
Expression (DESeq normalized read counts)
Time (hours)

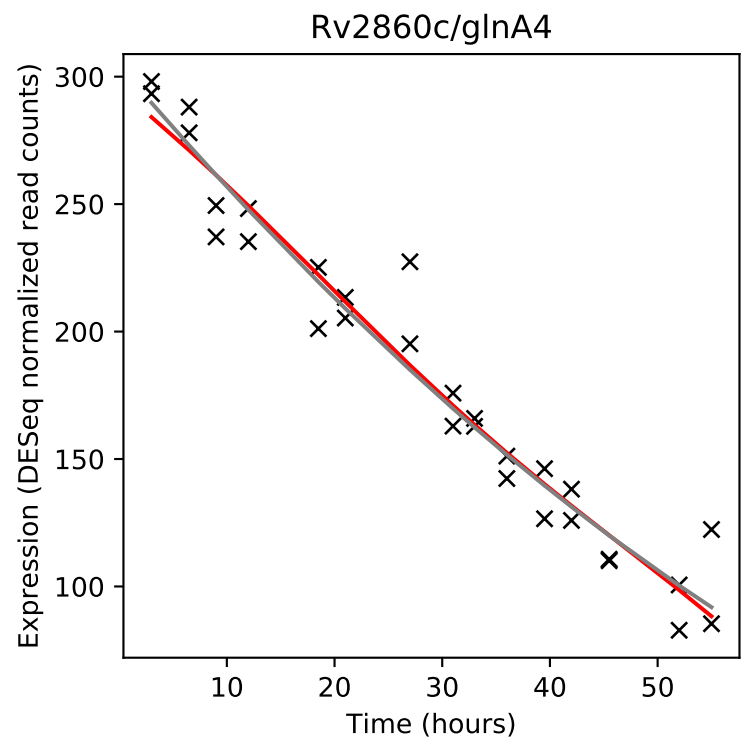

Rv2855/mtr
Expression (DESeq normalized read counts)
Time (hours)

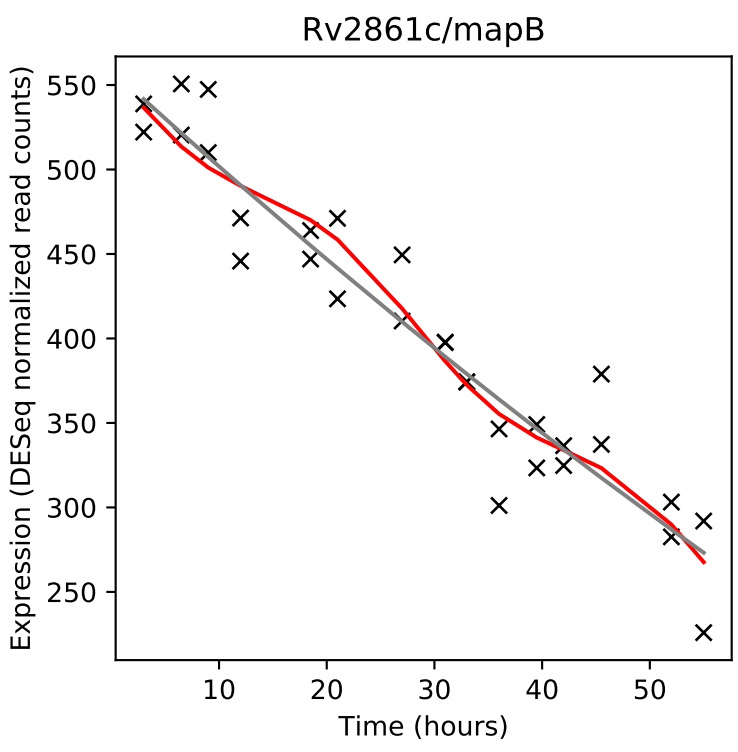

Rv2856/nicT
Expression (DESeq normalized read counts)
Time (hours)

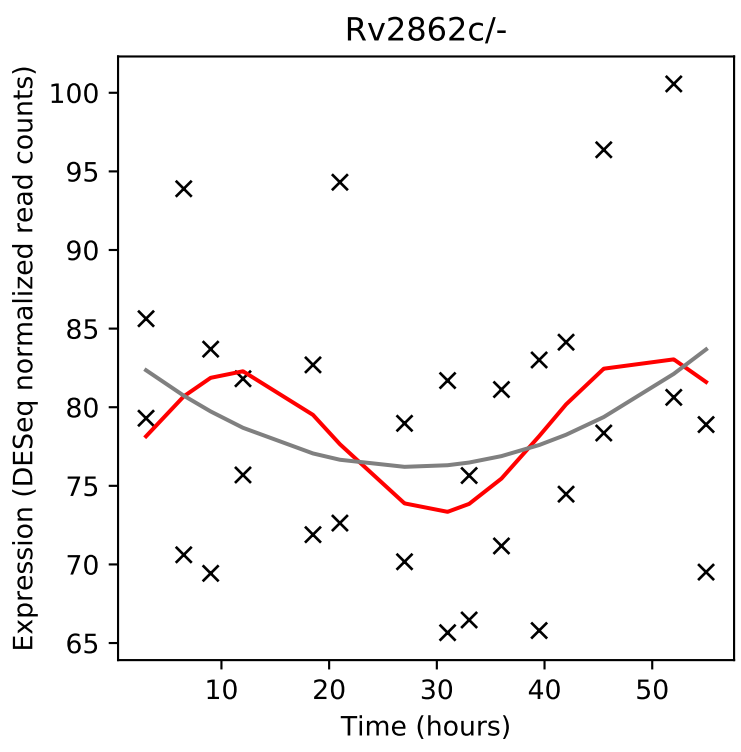

Rv2857c/-
Expression (DESeq normalized read counts)
Time (hours)

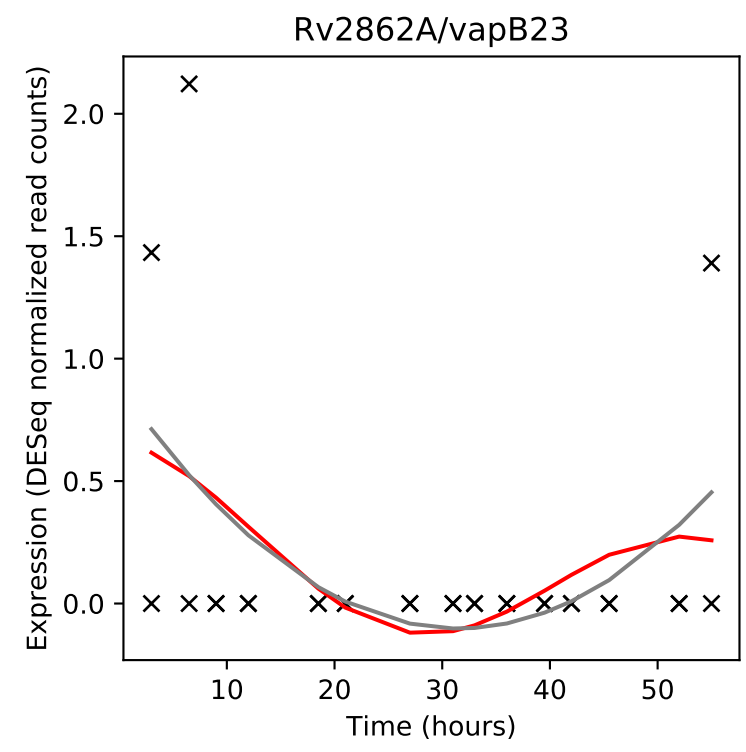

Rv2858c/aldC
Expression (DESeq normalized read counts)
Time (hours)

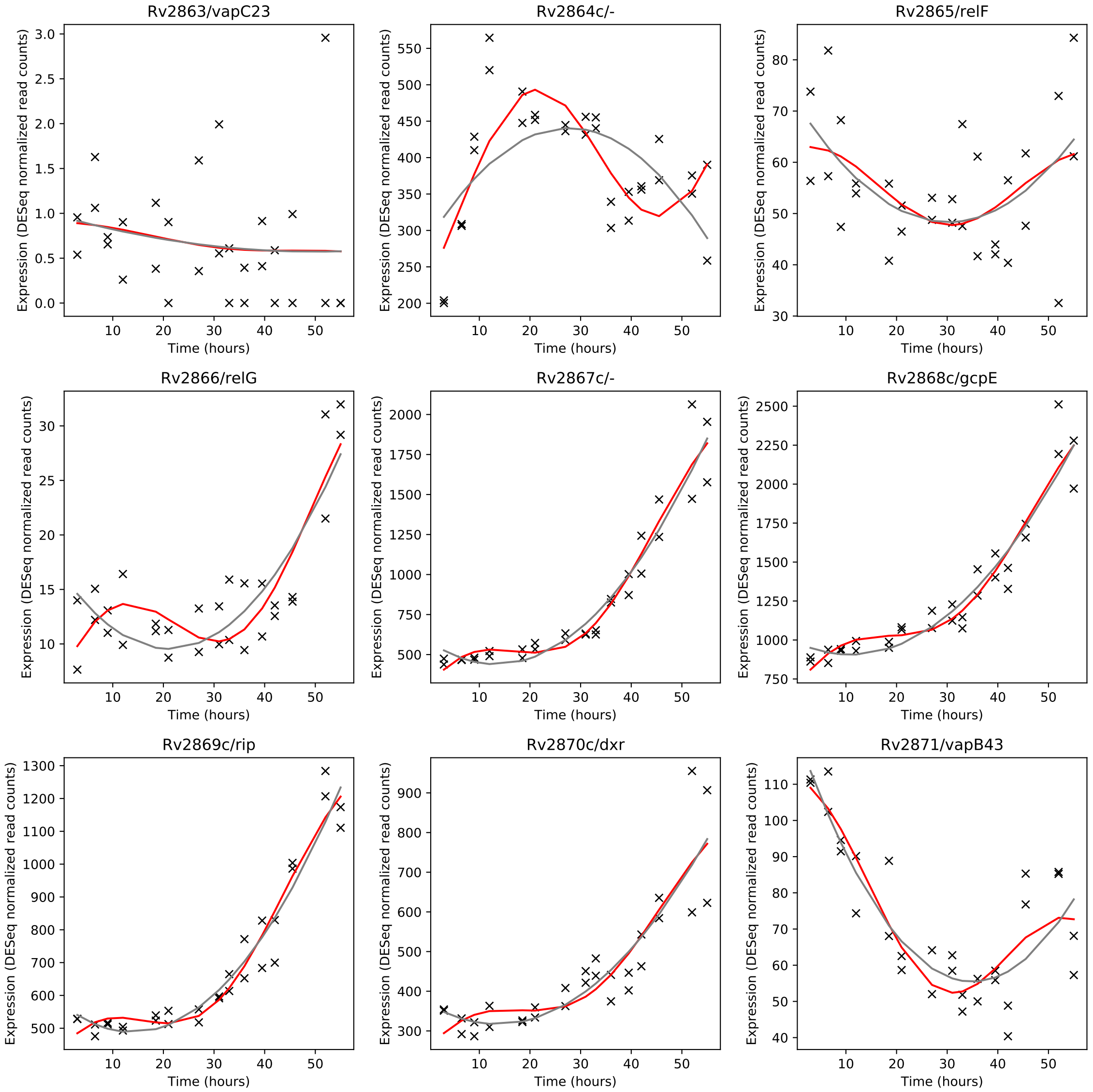

Rv2859c/-
Expression (DESeq normalized read counts)
Time (hours)

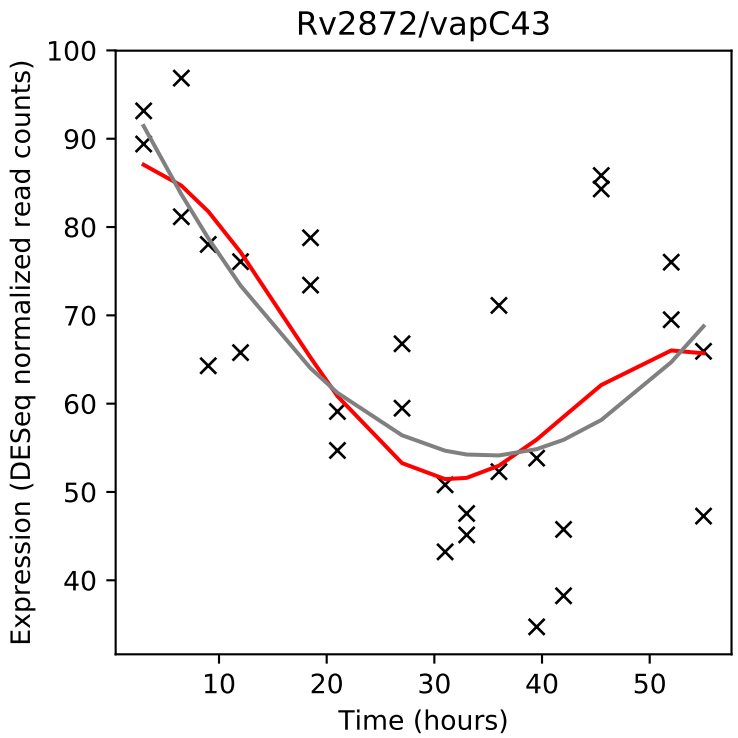

Rv2860c/glnA4
Expression (DESeq normalized read counts)
Time (hours)

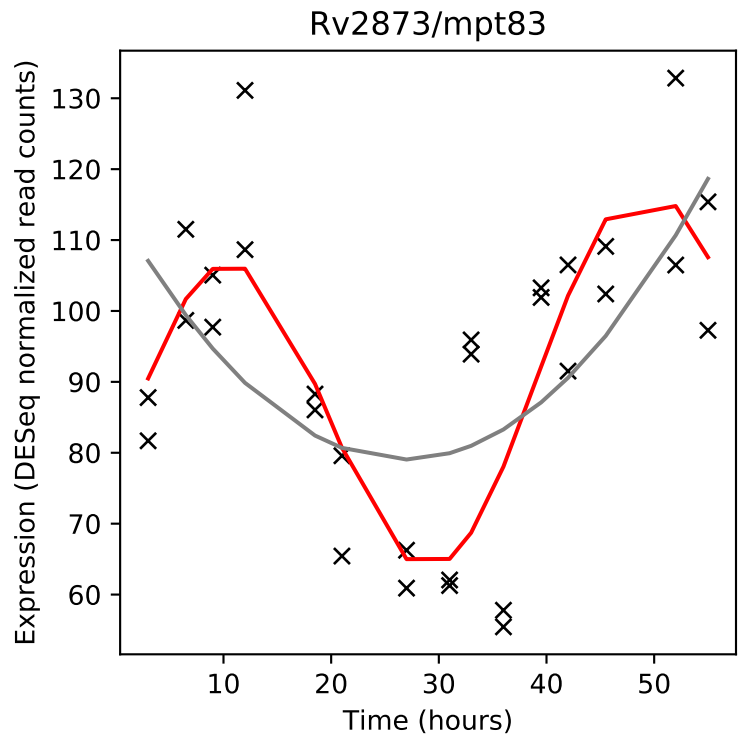

Rv2861c/mapB
Expression (DESeq normalized read counts)
Time (hours)

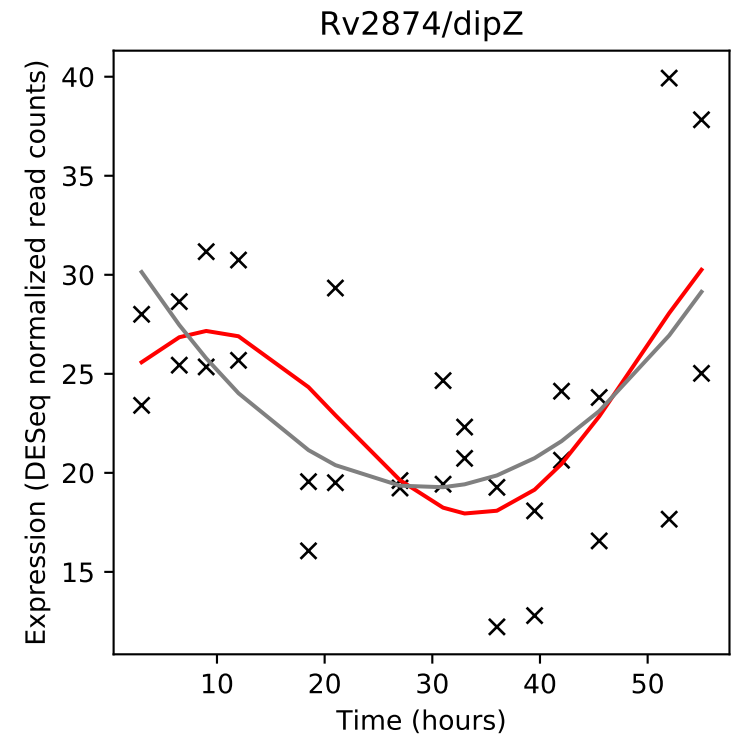

Rv2862c/-
Expression (DESeq normalized read counts)
Time (hours)

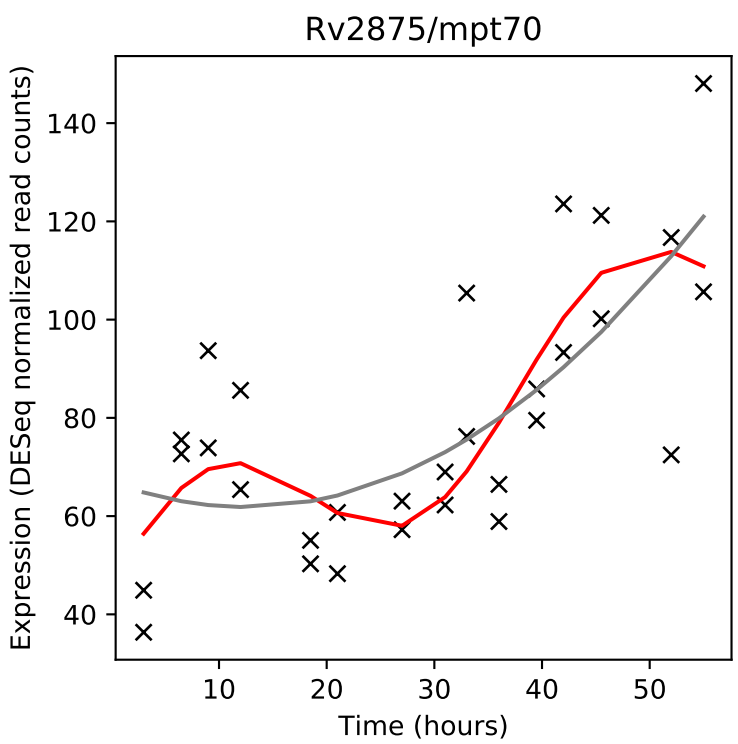

Rv2862A/vapB23
Expression (DESeq normalized read counts)
Time (hours)

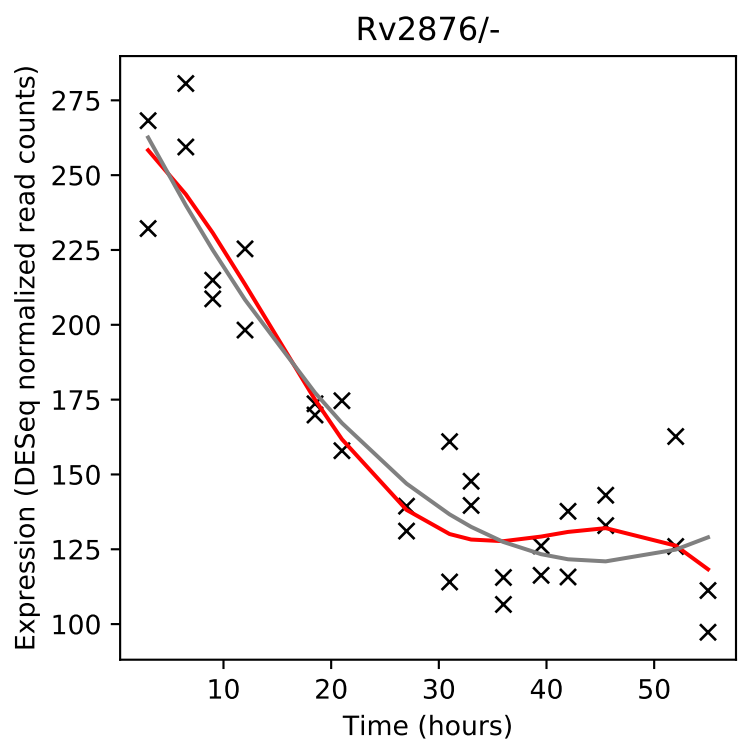

Rv2863/vapC23
Rv2864c/-
Rv2865/relF
Rv2866/relG
Rv2867c/-
Rv2868c/gcpE
Rv2869c/rip
Rv2870c/dxr
Rv2871/vapB43
Expression (DESeq normalized read counts)
Time (hours)

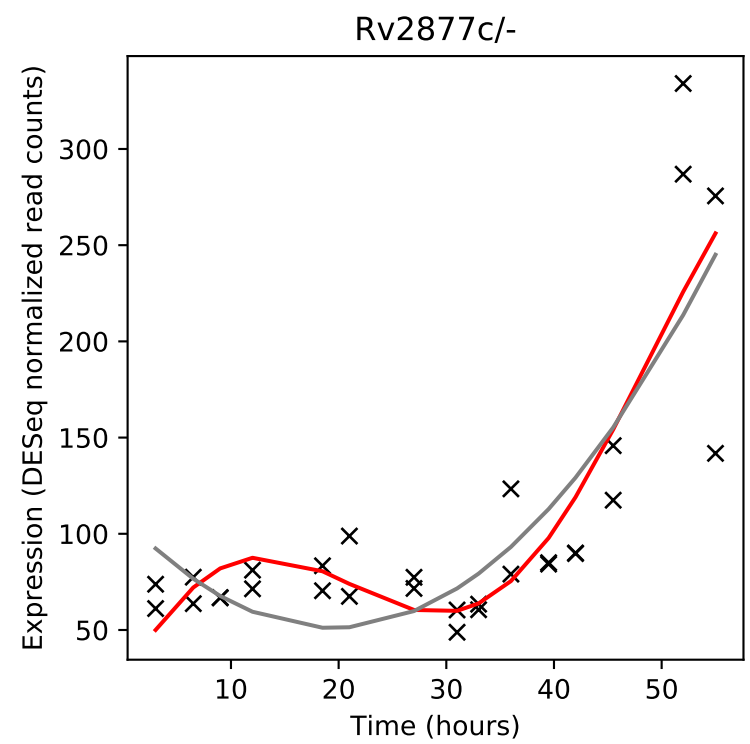

Rv2872/vapC43
Expression (DESeq normalized read counts)
Time (hours)

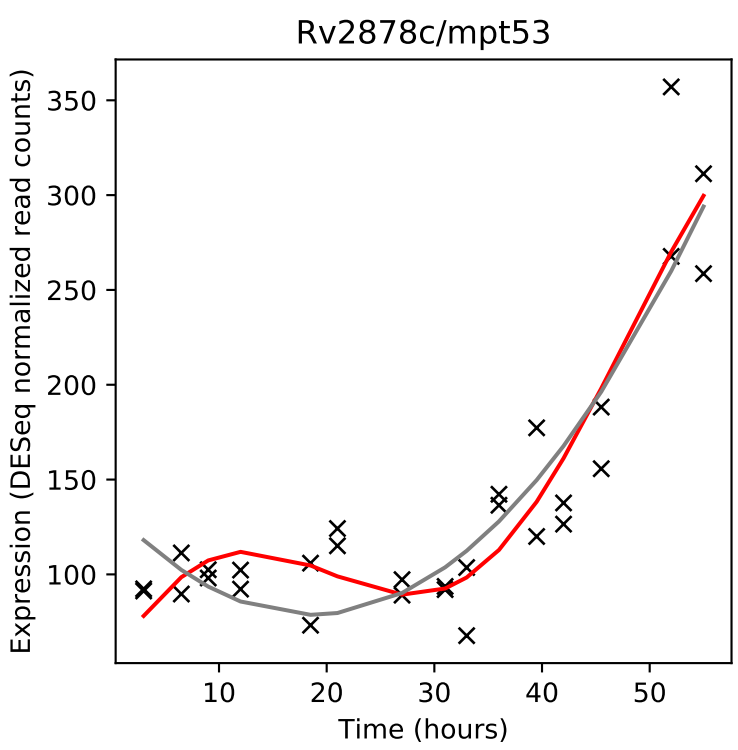

Rv2873/mpt83
Expression (DESeq normalized read counts)
Time (hours)

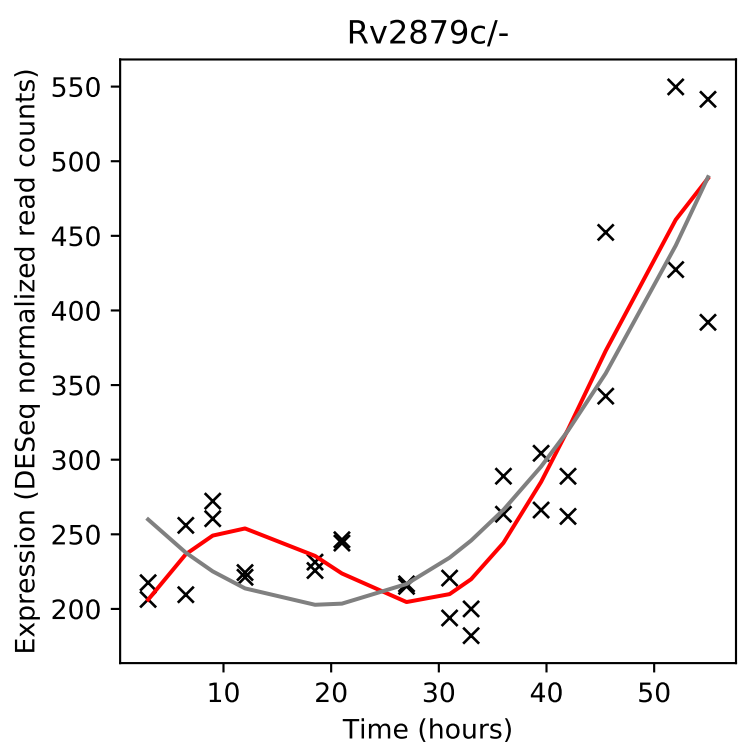

Rv2874/dipZ
Expression (DESeq normalized read counts)
Time (hours)

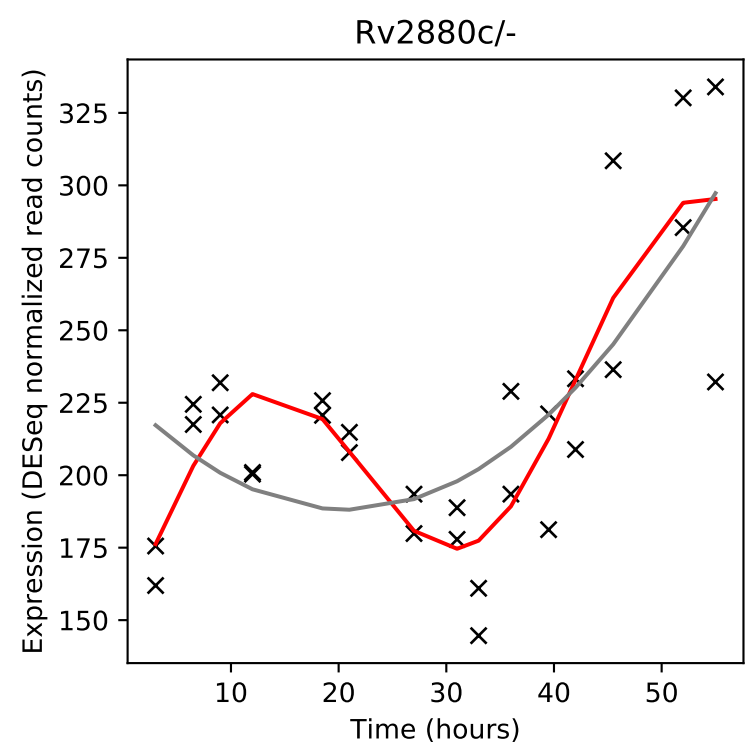

Rv2875/mpt70
Expression (DESeq normalized read counts)
Time (hours)

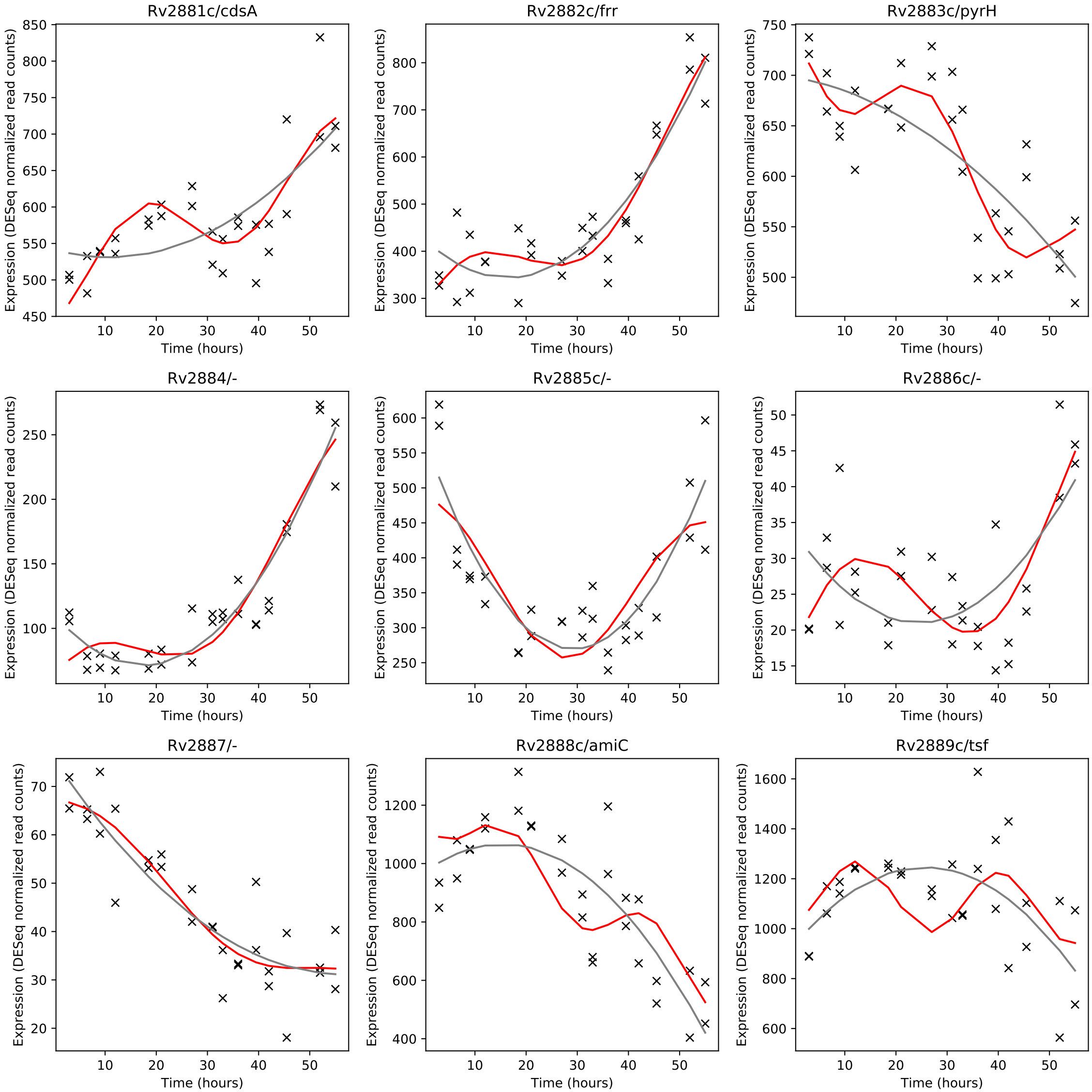

Rv2876/-
Expression (DESeq normalized read counts)
Time (hours)

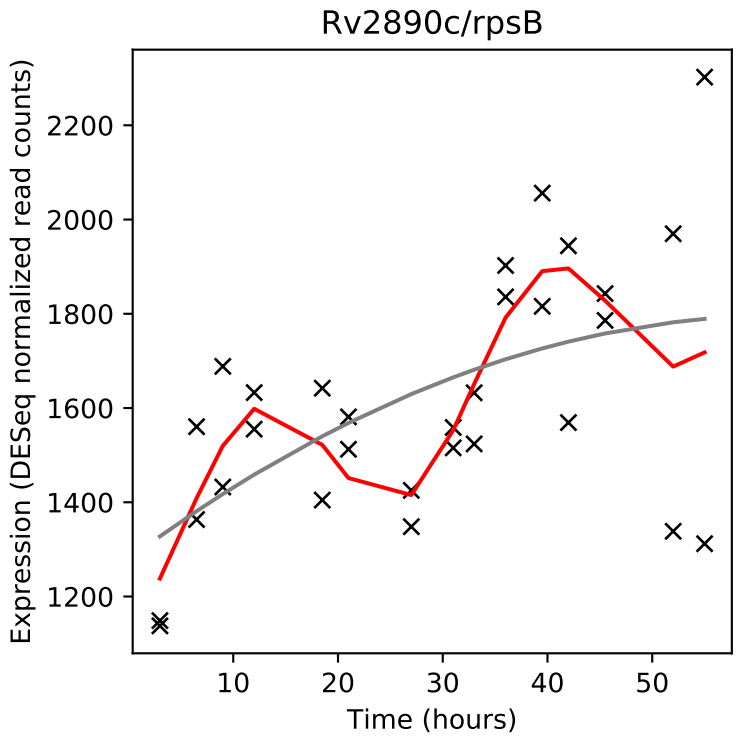

Rv2877c/-
Expression (DESeq normalized read counts)
Time (hours)

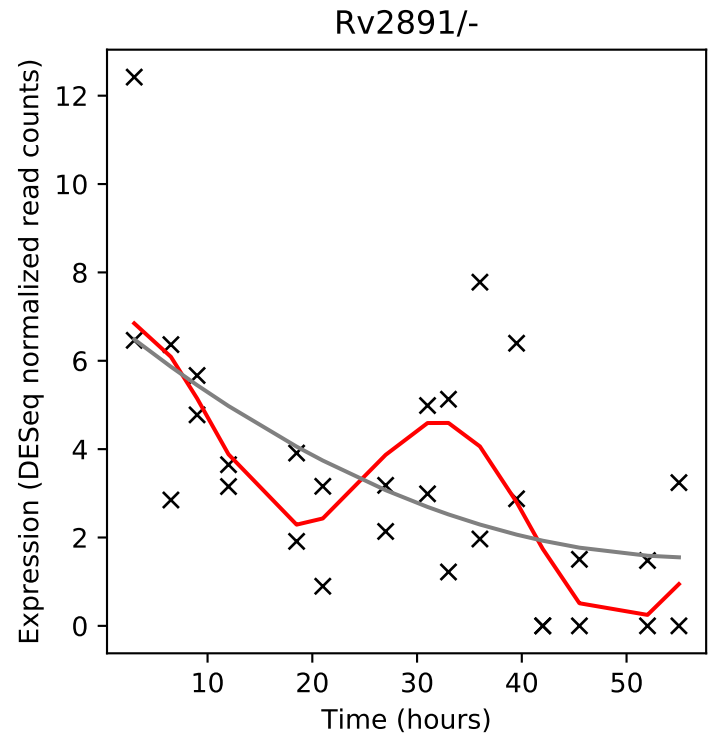

Rv2878c/mpt53
Expression (DESeq normalized read counts)
Time (hours)

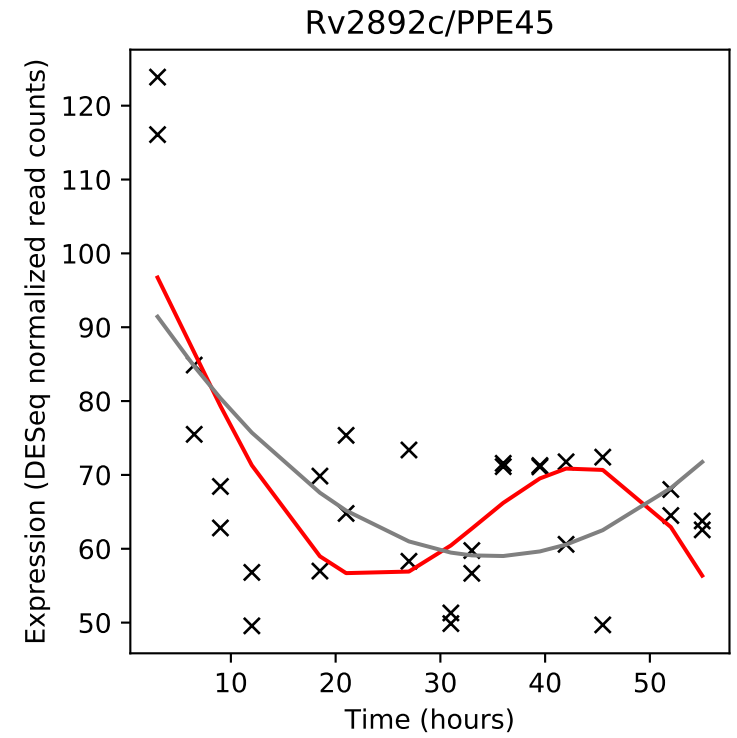

Rv2879c/-
Expression (DESeq normalized read counts)
Time (hours)

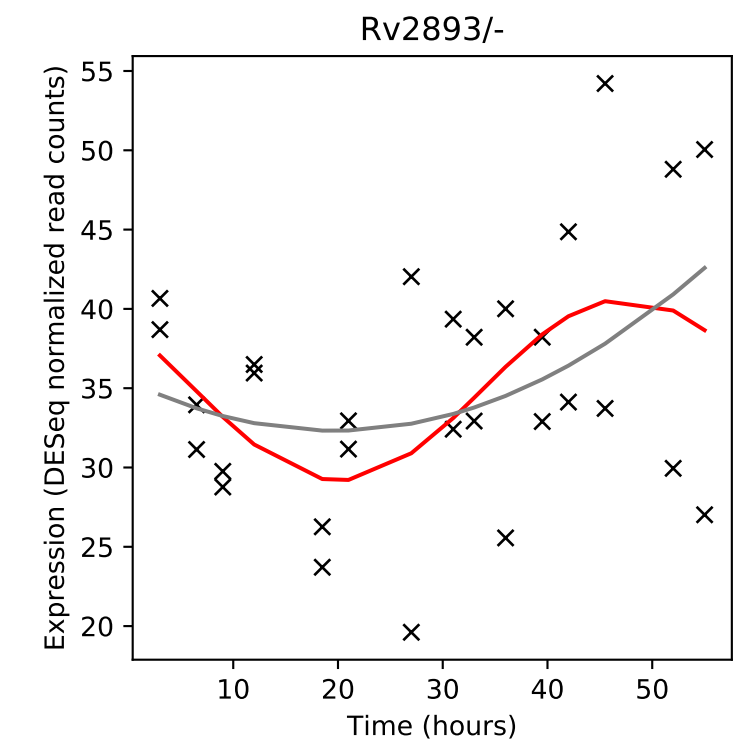

Rv2880c/-
Expression (DESeq normalized read counts)
Time (hours)

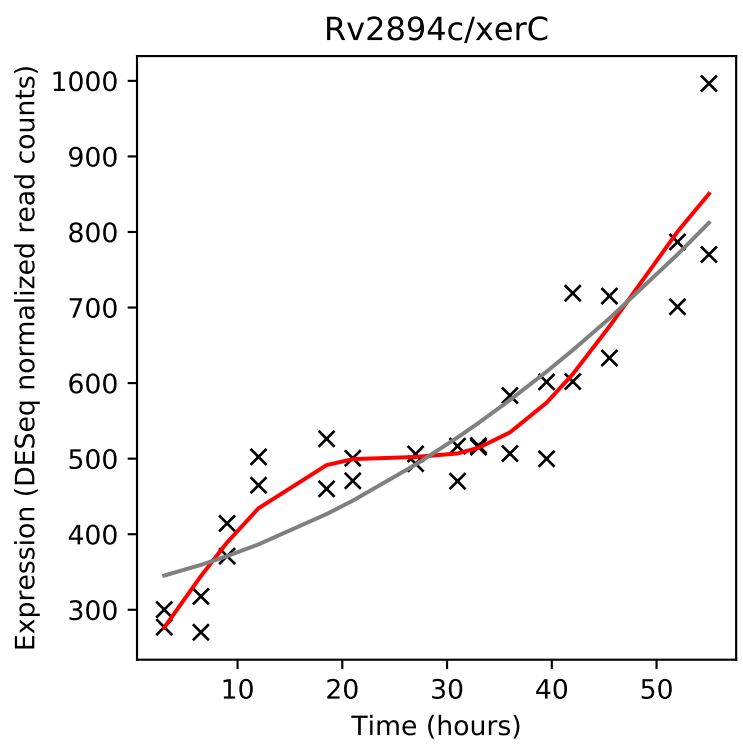

Rv2881c/cdsA
Rv2882c/frr
Rv2883c/pyrH
Rv2884/-
Rv2885c/-
Rv2886c/-
Rv2887/-
Rv2888c/amiC
Rv2889c/tsf
Expression (DESeq normalized read counts)
Time (hours)

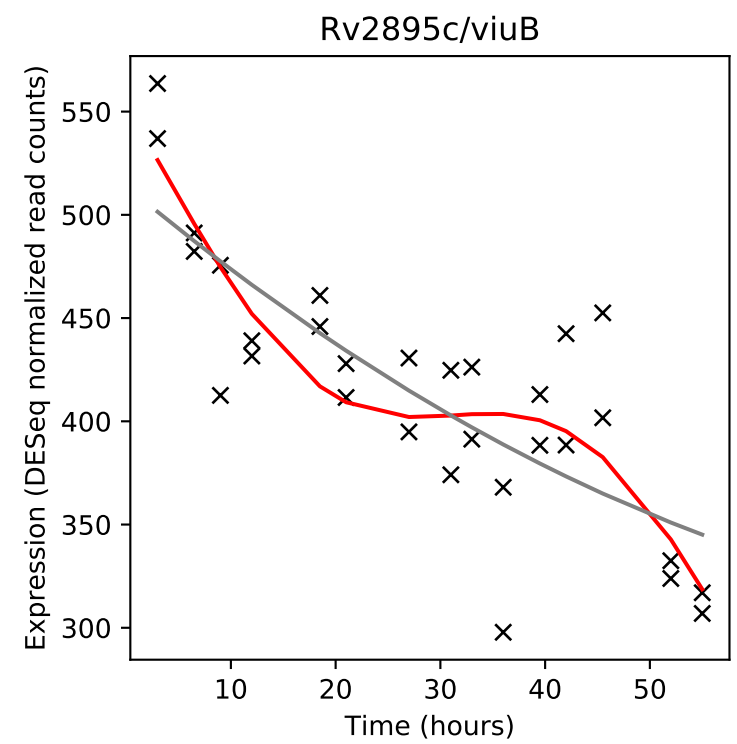

Rv2890c/rpsB
Expression (DESeq normalized read counts)
Time (hours)

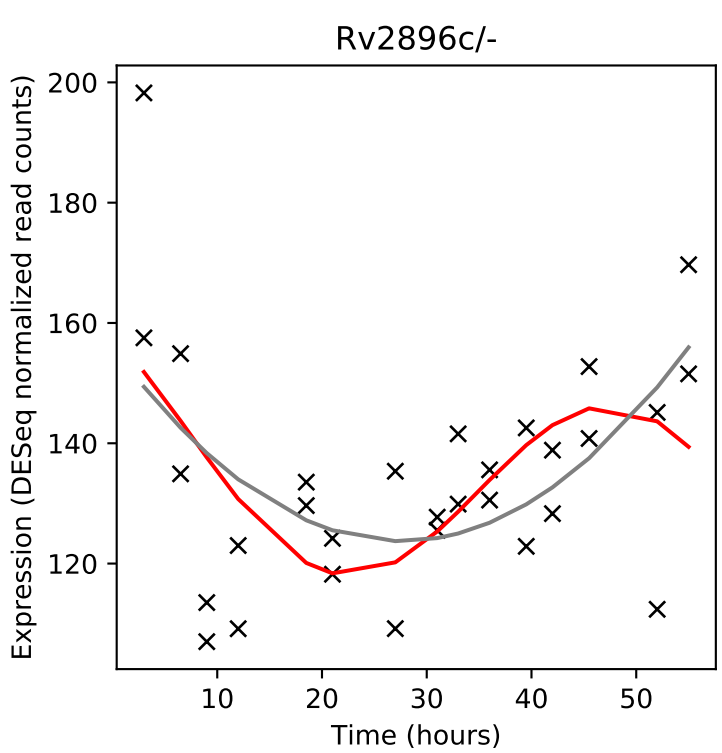

Rv2891/-
Expression (DESeq normalized read counts)
Time (hours)

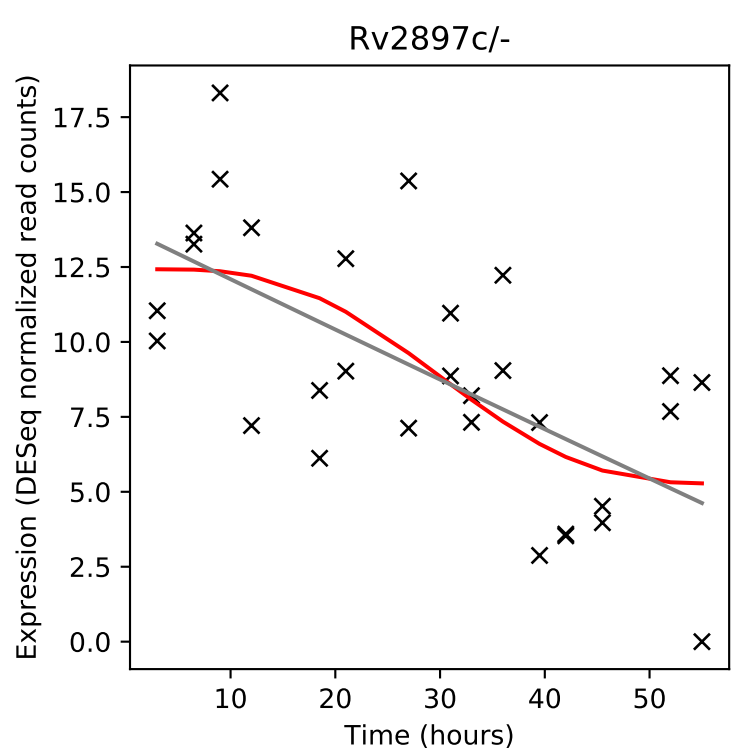

Rv2892c/PPE45
Expression (DESeq normalized read counts)
Time (hours)

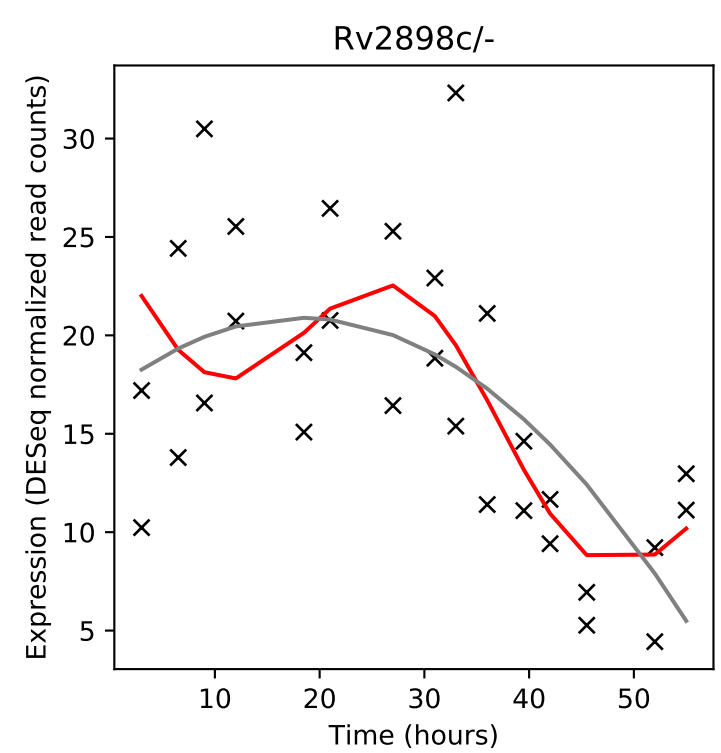

Rv2893/-
Expression (DESeq normalized read counts)
Time (hours)

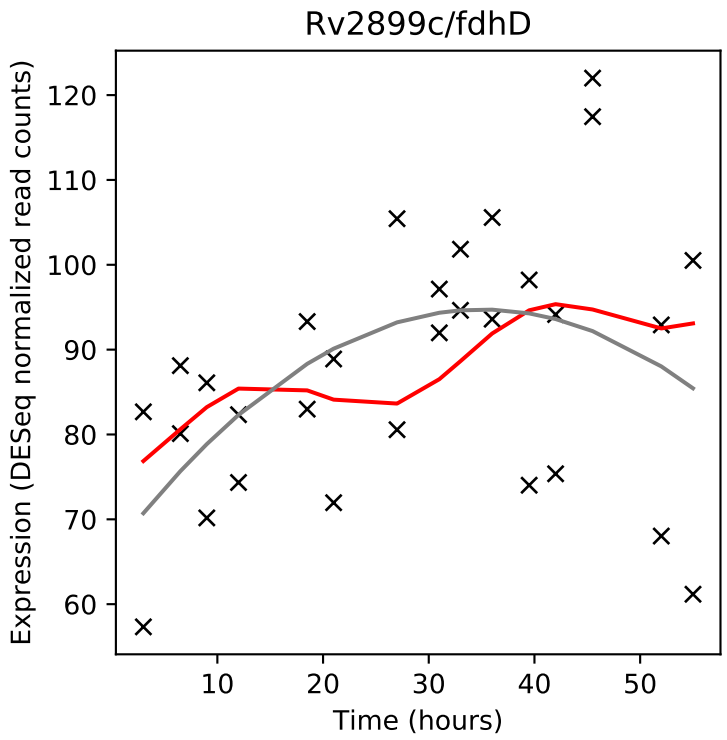

Rv2894c/xerC
Expression (DESeq normalized read counts)
Time (hours)

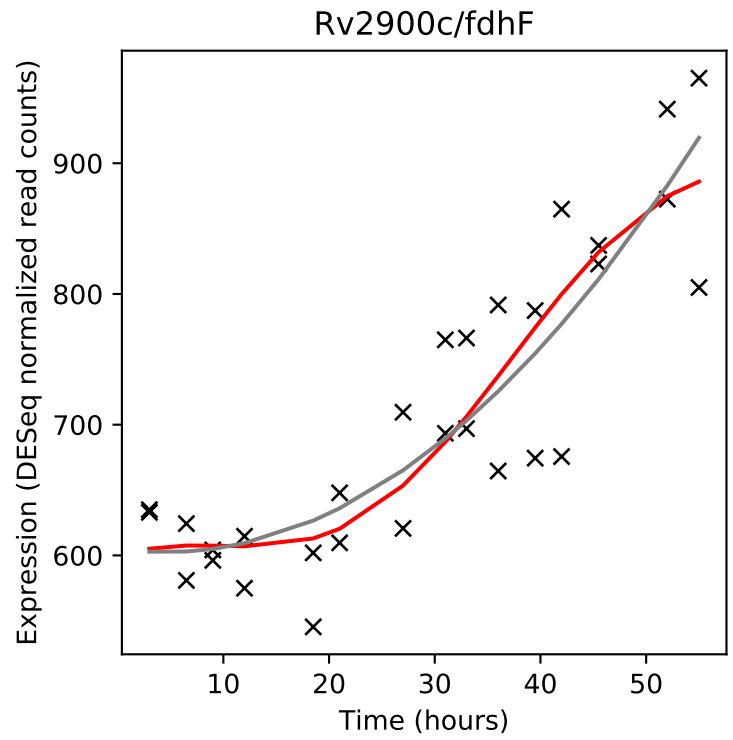

Rv2895c/viuB
Expression (DESeq normalized read counts)
Time (hours)

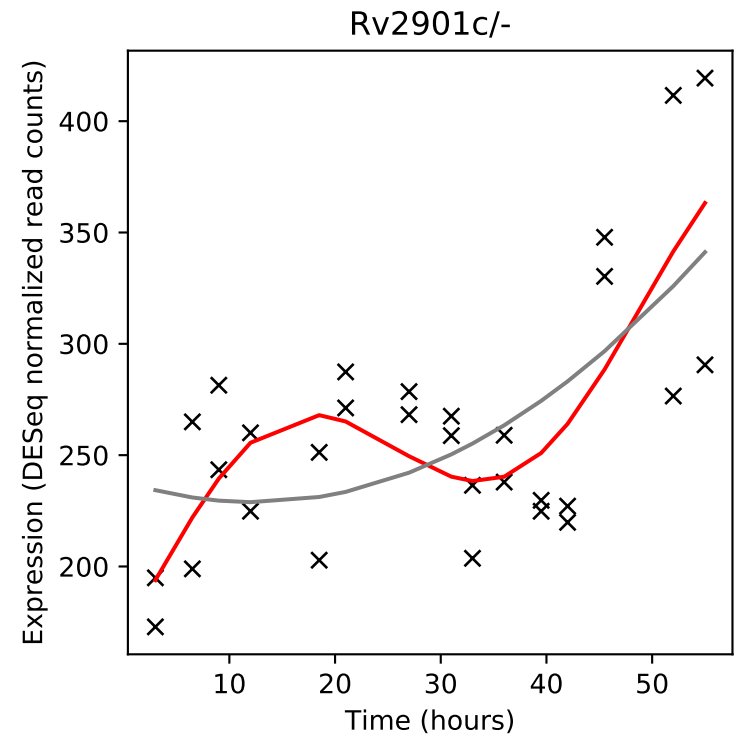

Rv2896c/-
Expression (DESeq normalized read counts)
Time (hours)

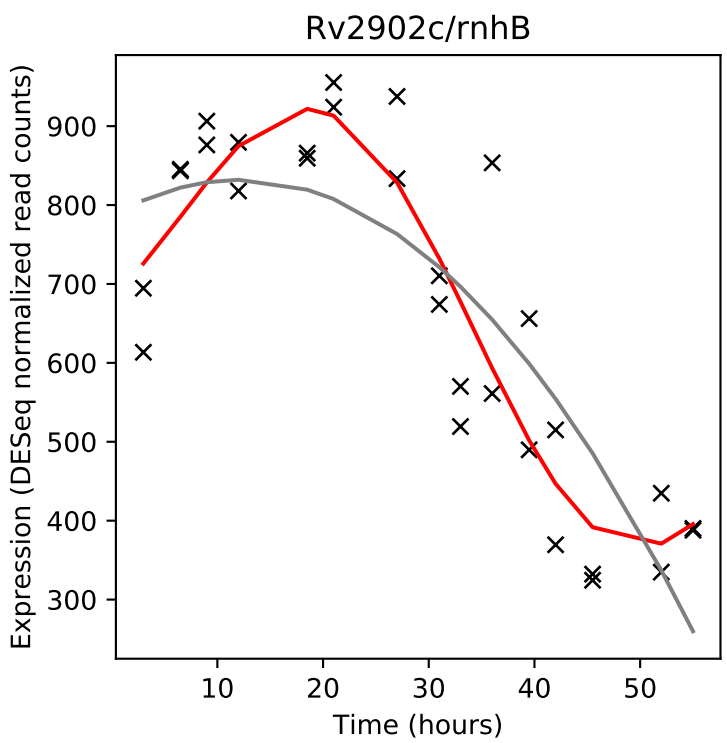

Rv2897c/-
Expression (DESeq normalized read counts)
Time (hours)

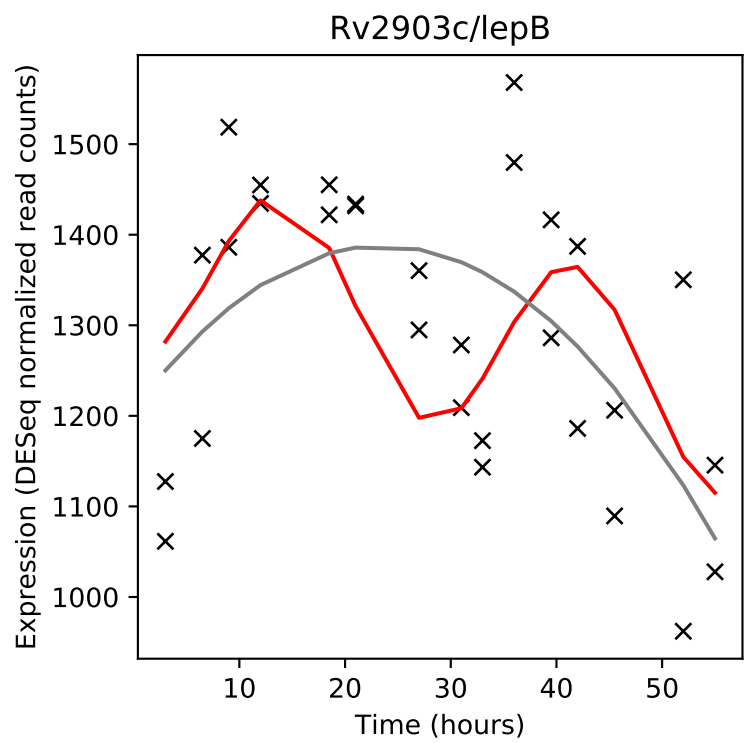

Rv2898c/-
Expression (DESeq normalized read counts)
Time (hours)

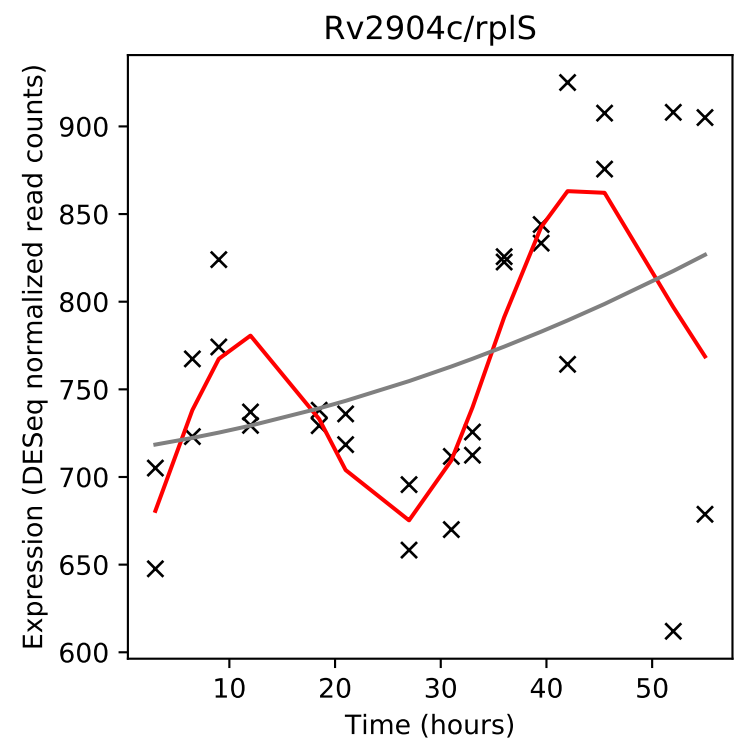

Rv2899c/fdhD
Expression (DESeq normalized read counts)
Time (hours)

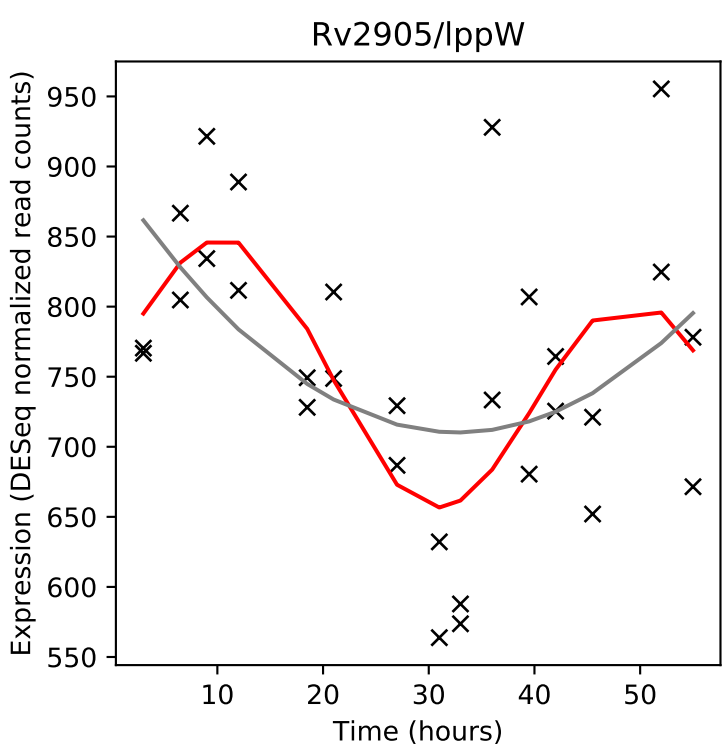

Rv2900c/fdhF
Expression (DESeq normalized read counts)
Time (hours)

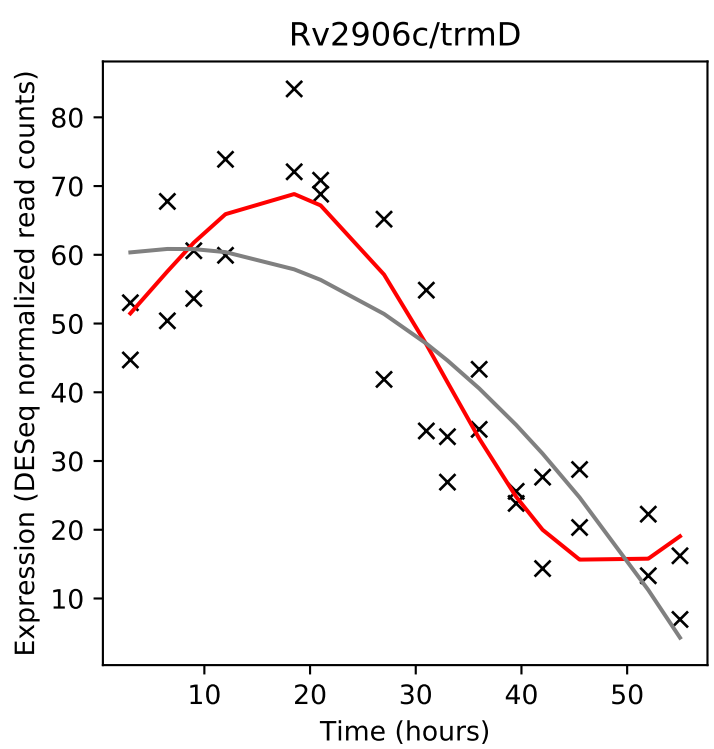

Rv2901c/-
Expression (DESeq normalized read counts)
Time (hours)

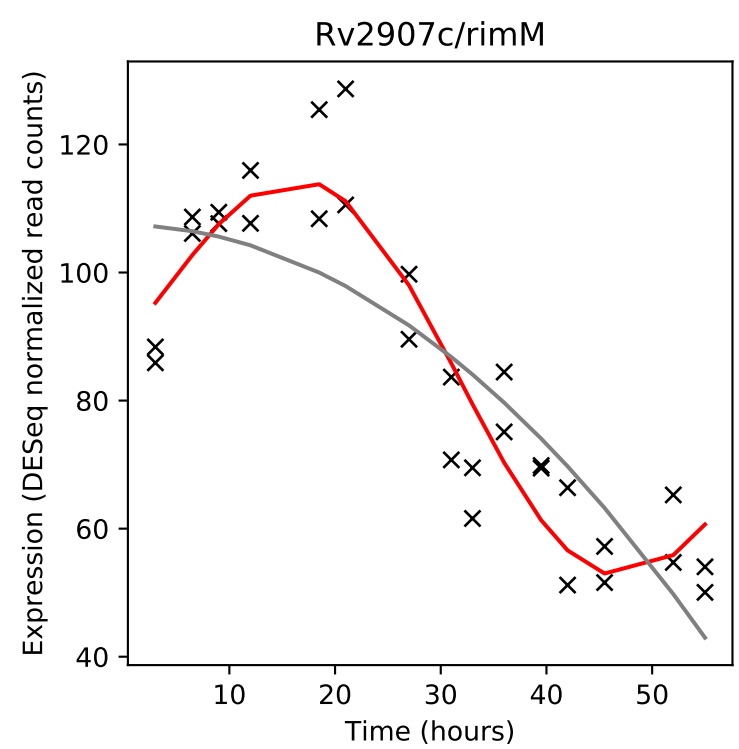

Rv2902c/rnhB
Expression (DESeq normalized read counts)
Time (hours)

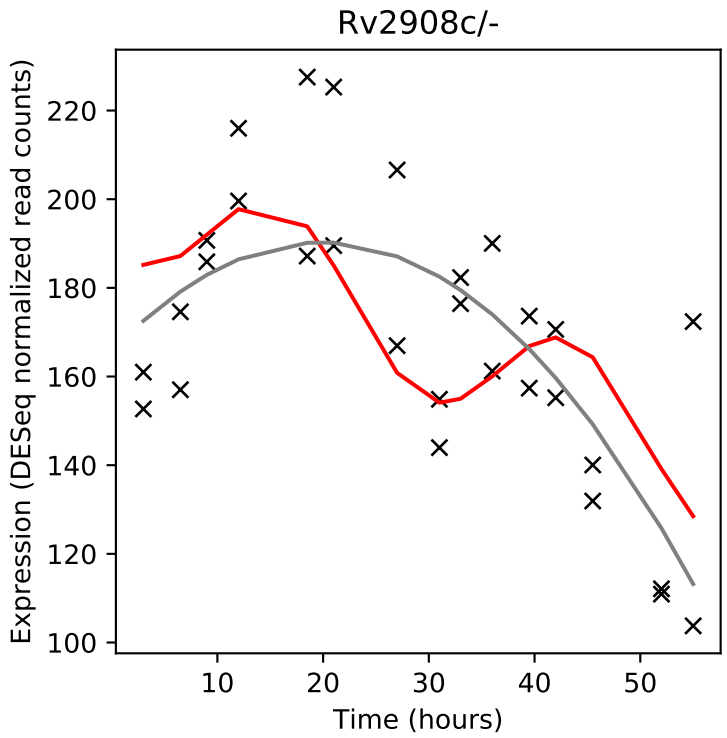

Rv2903c/lepB
Expression (DESeq normalized read counts)
Time (hours)

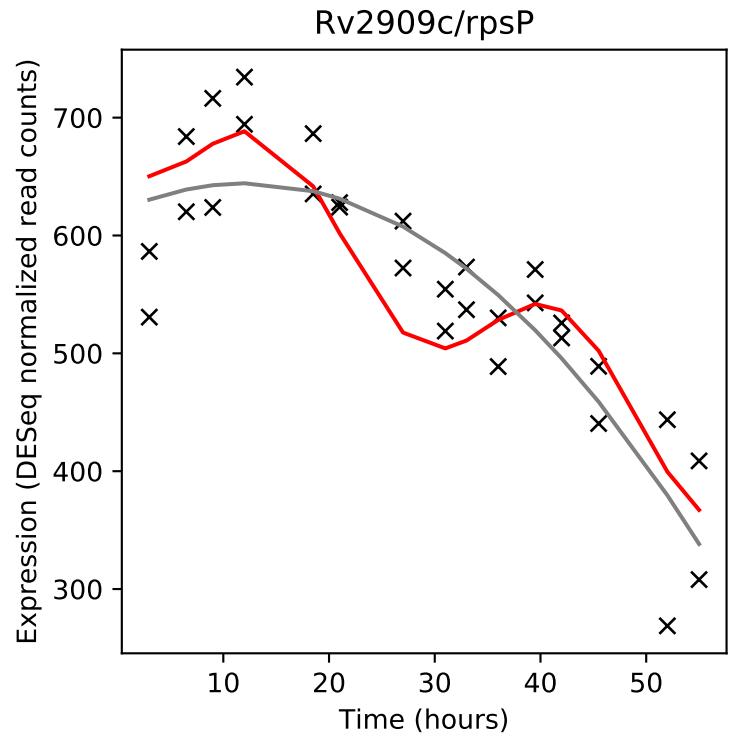

Rv2904c/rplS
Expression (DESeq normalized read counts)
Time (hours)

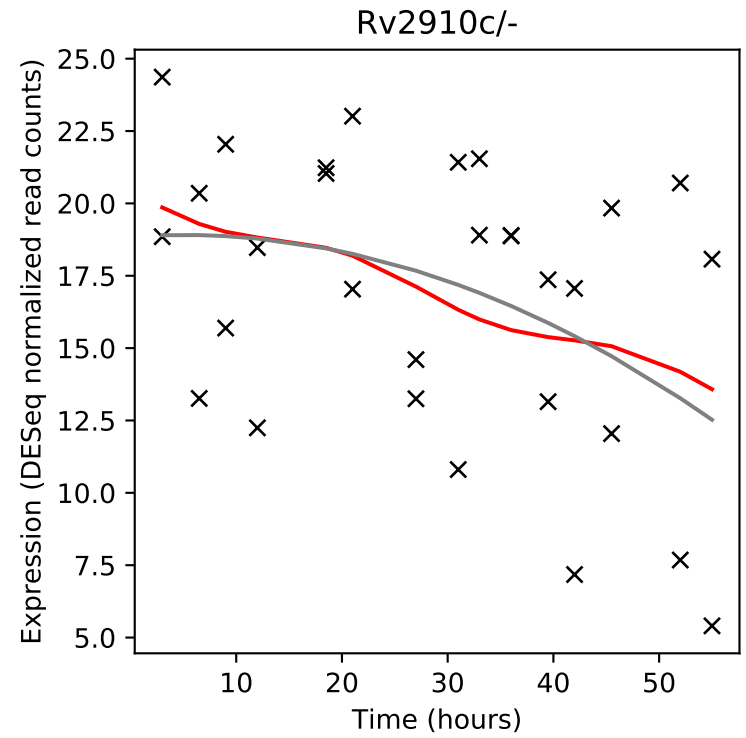

Rv2905/lppW
Expression (DESeq normalized read counts)
Time (hours)

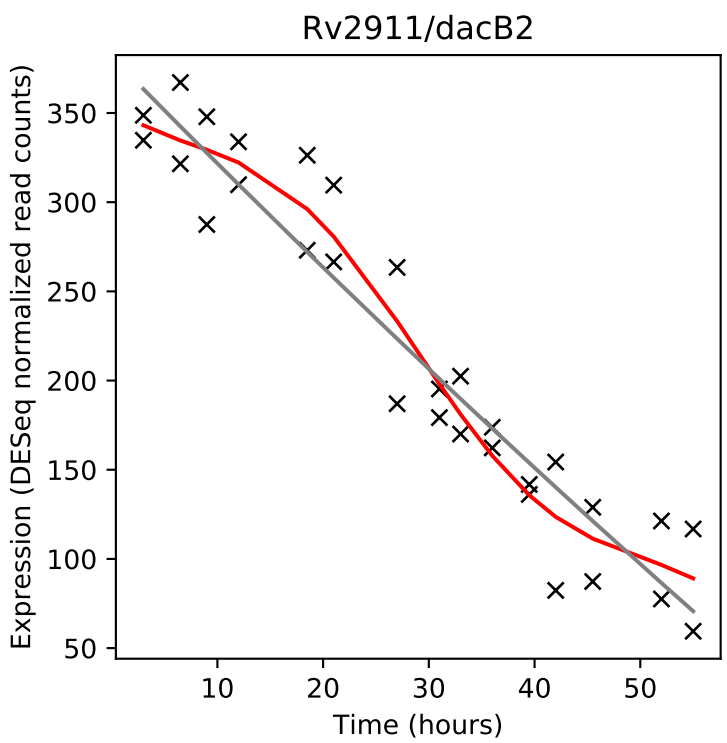

Rv2906c/trmD
Expression (DESeq normalized read counts)
Time (hours)

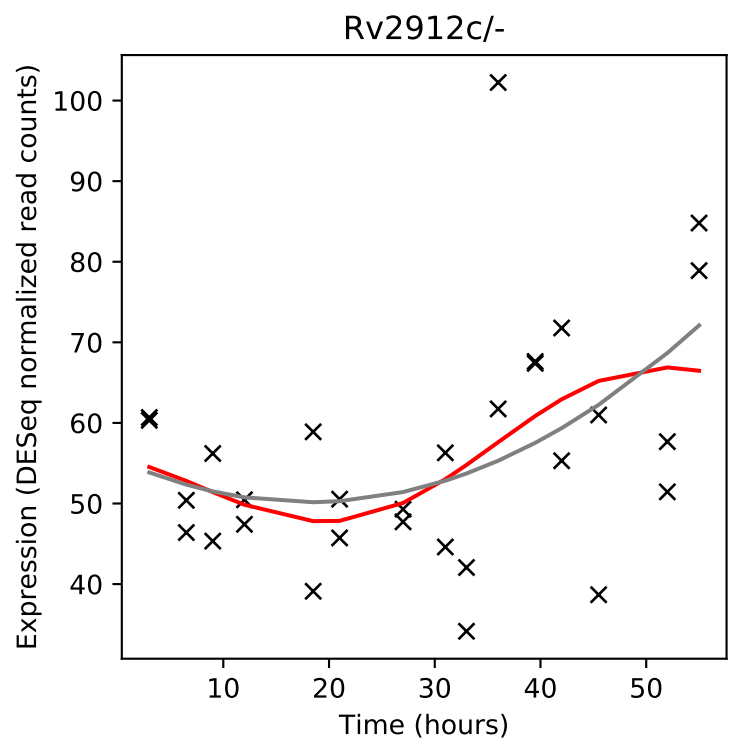

Rv2907c/rimM
Expression (DESeq normalized read counts)
Time (hours)

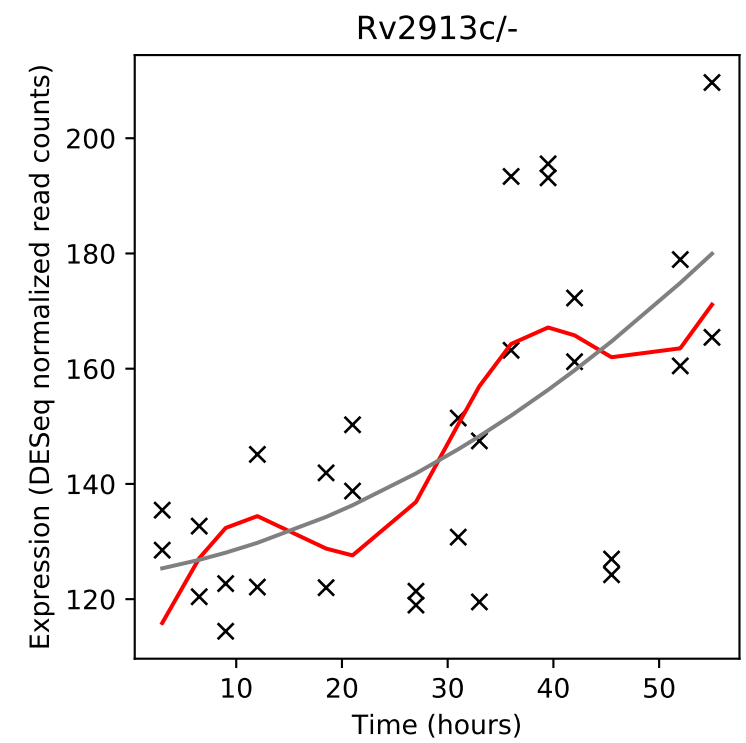

Rv2908c/-
Expression (DESeq normalized read counts)
Time (hours)

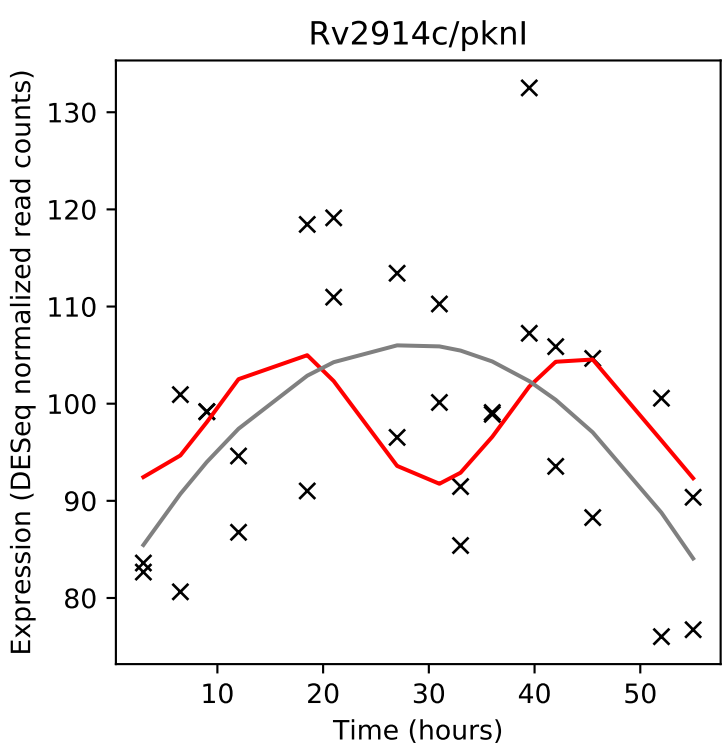

Rv2909c/rpsP
Expression (DESeq normalized read counts)
Time (hours)

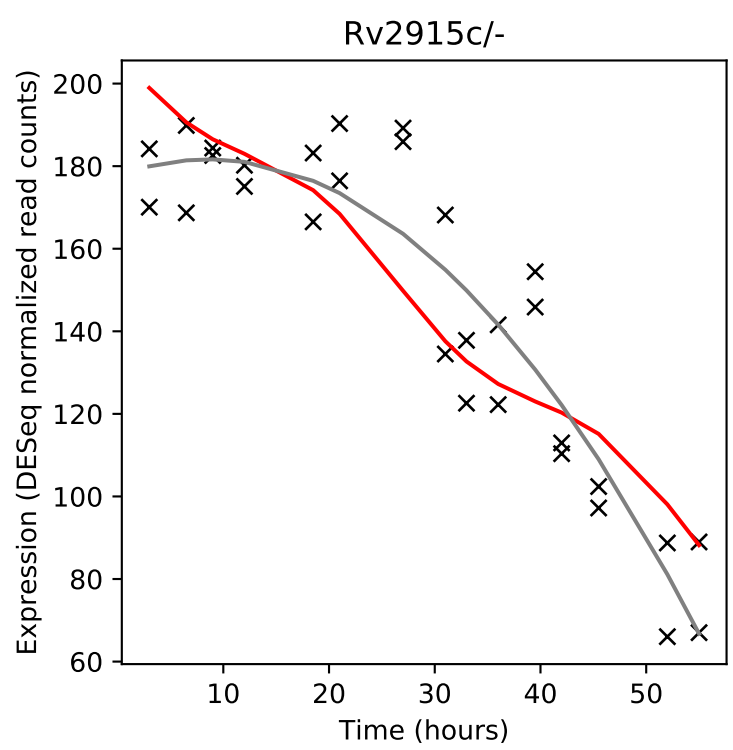

Rv2910c/-
Expression (DESeq normalized read counts)
Time (hours)

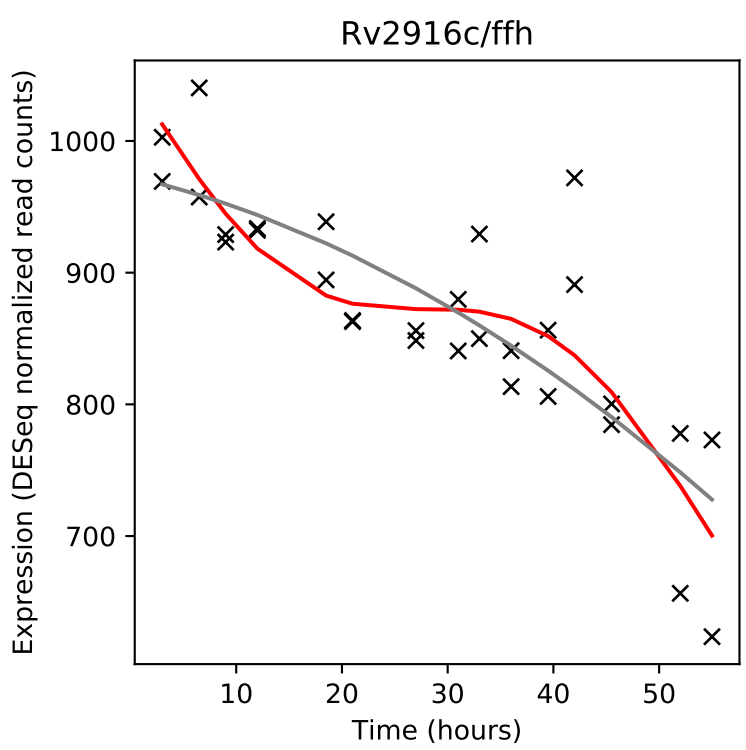

Rv2911/dacB2
Expression (DESeq normalized read counts)
Time (hours)

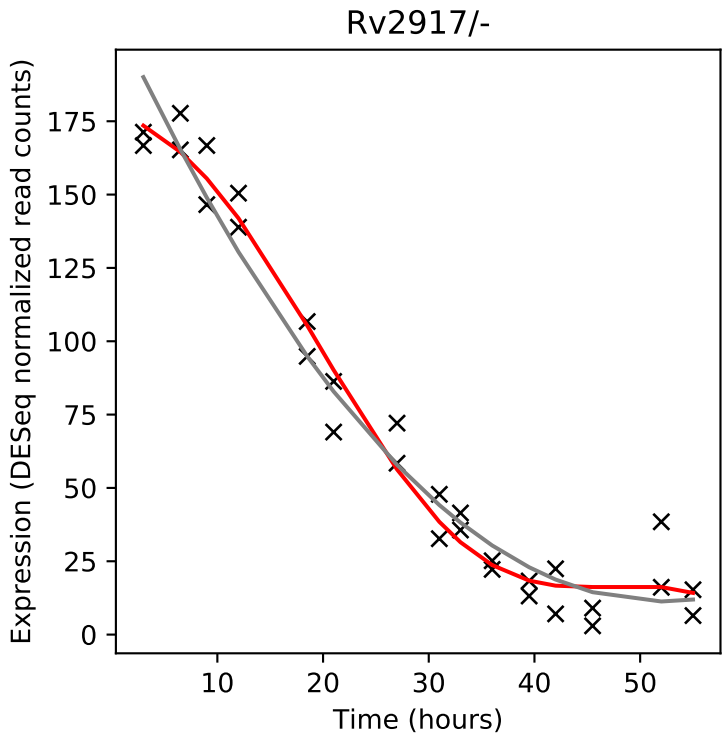

Rv2912c/-
Expression (DESeq normalized read counts)
Time (hours)

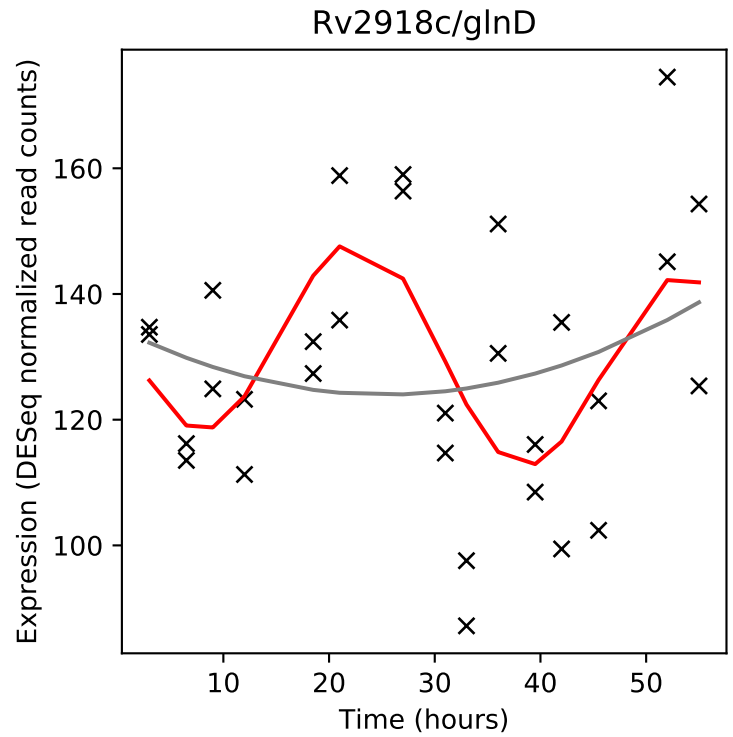

Rv2913c/-
Expression (DESeq normalized read counts)
Time (hours)

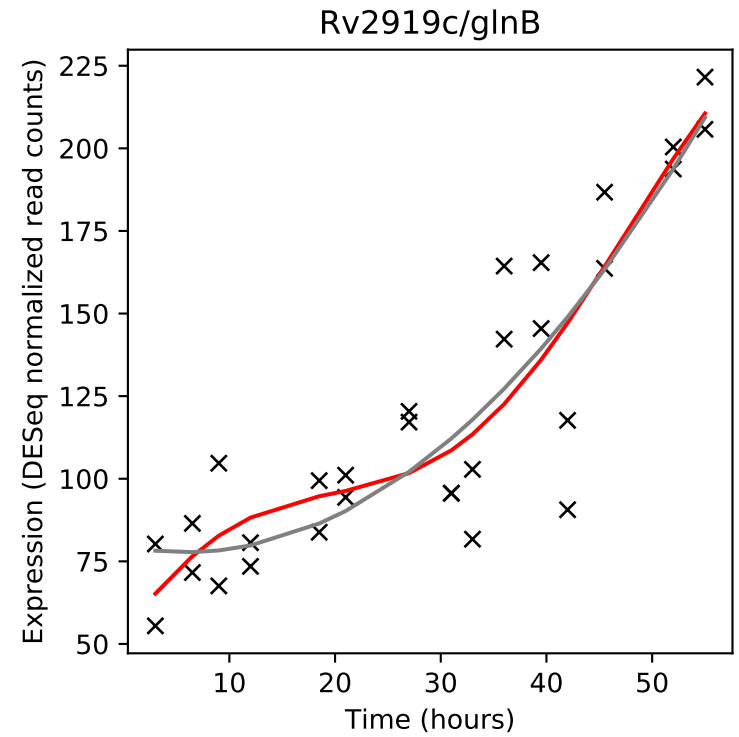

Rv2914c/pknl
Expression (DESeq normalized read counts)
Time (hours)

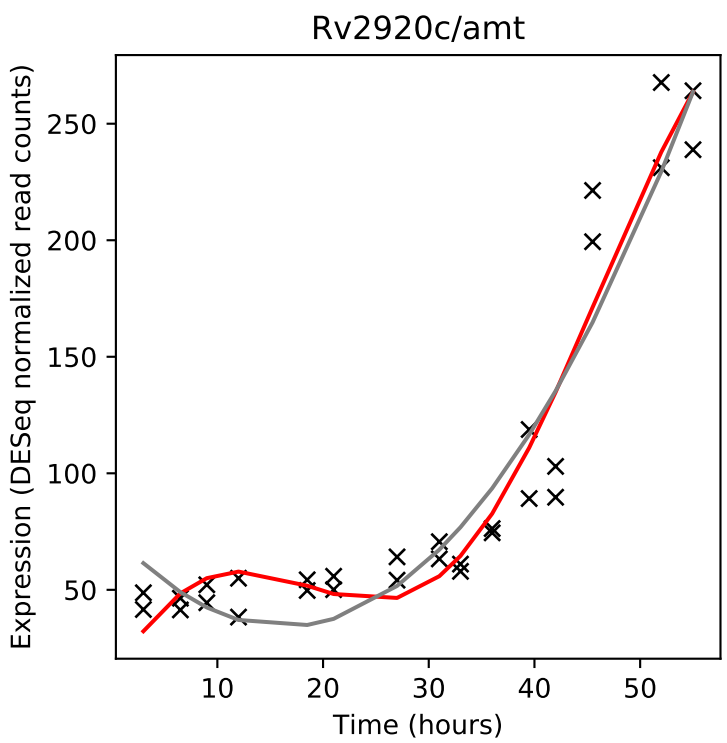

Rv2915c/-
Expression (DESeq normalized read counts)
Time (hours)

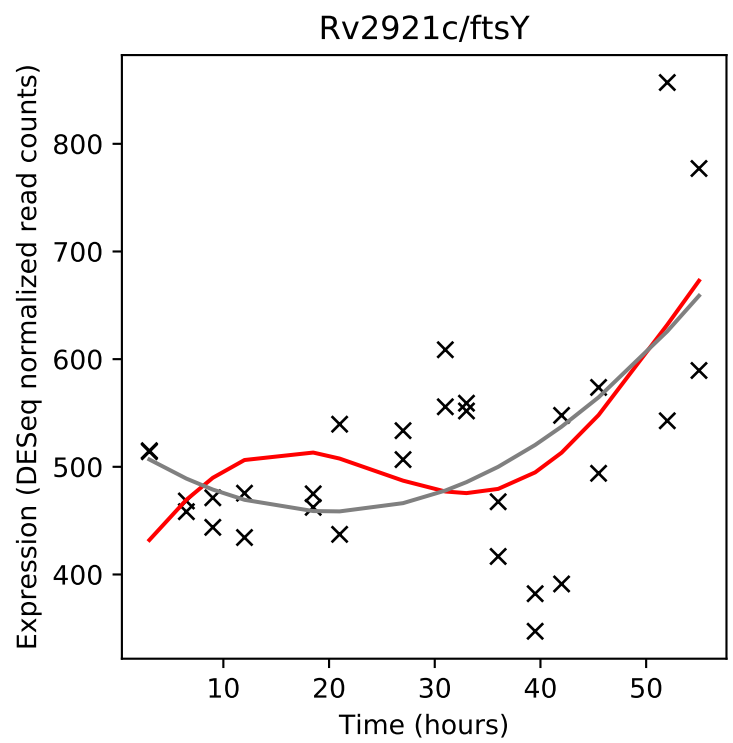

Rv2916c/ffh
Expression (DESeq normalized read counts)
Time (hours)

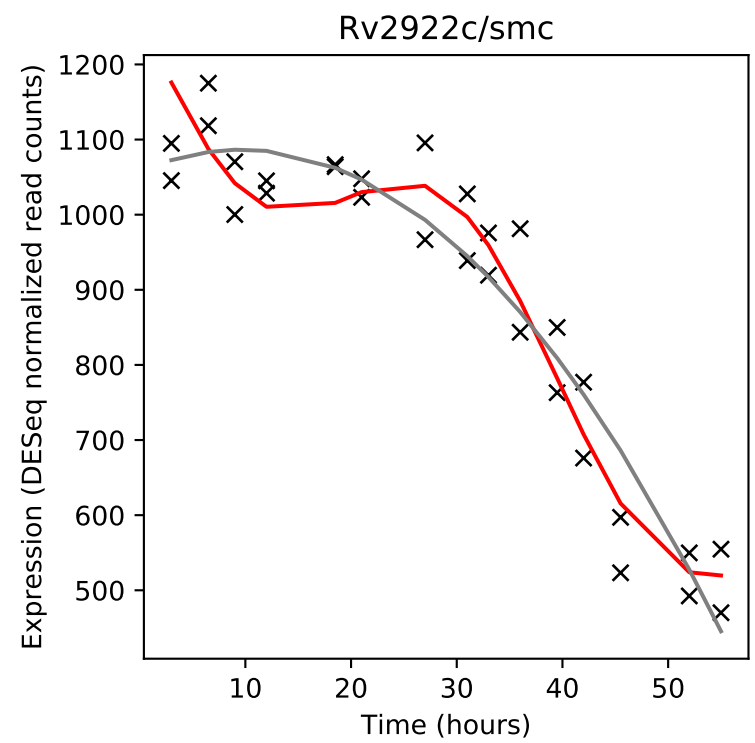

Rv2917/-
Expression (DESeq normalized read counts)
Time (hours)

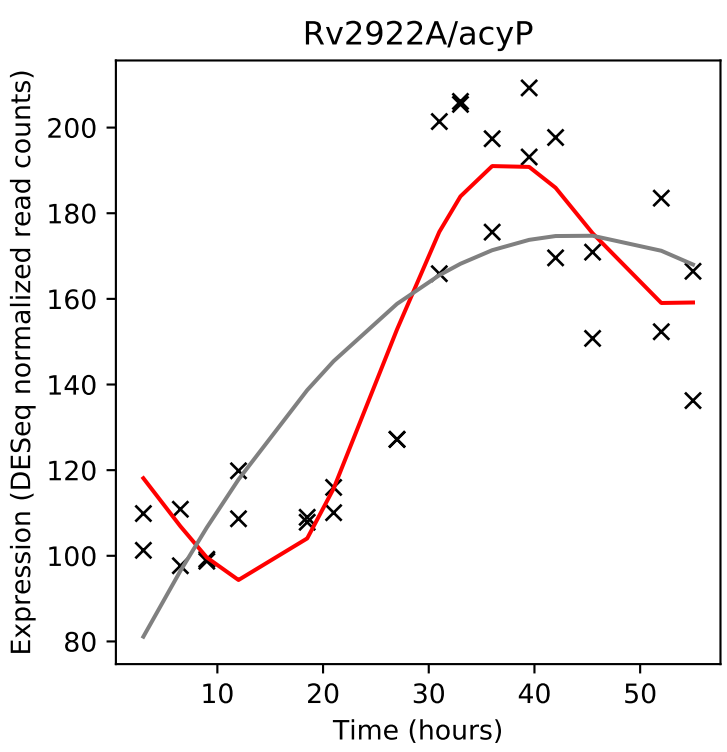

Rv2918c/glnD
Expression (DESeq normalized read counts)
Time (hours)

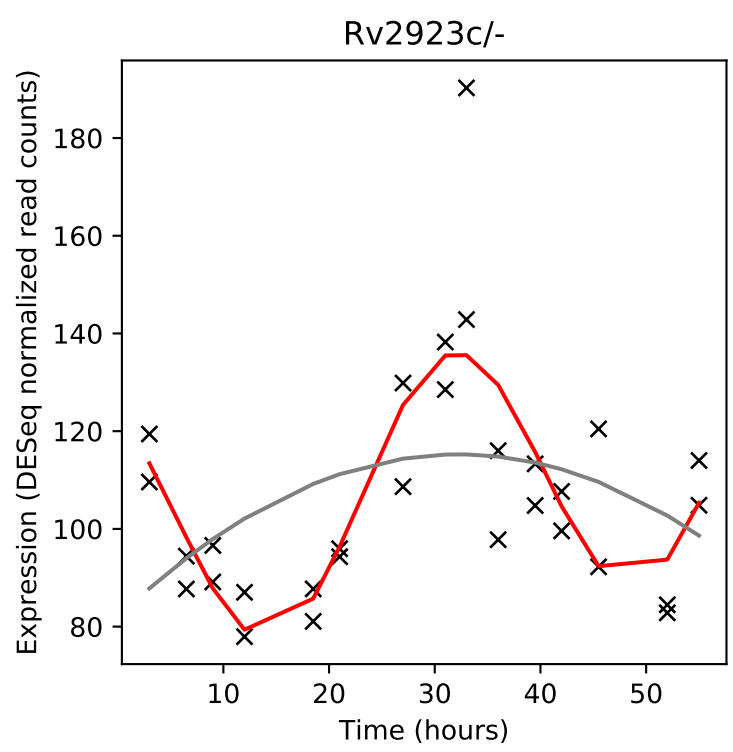

Rv2919c/glnB
Expression (DESeq normalized read counts)
Time (hours)

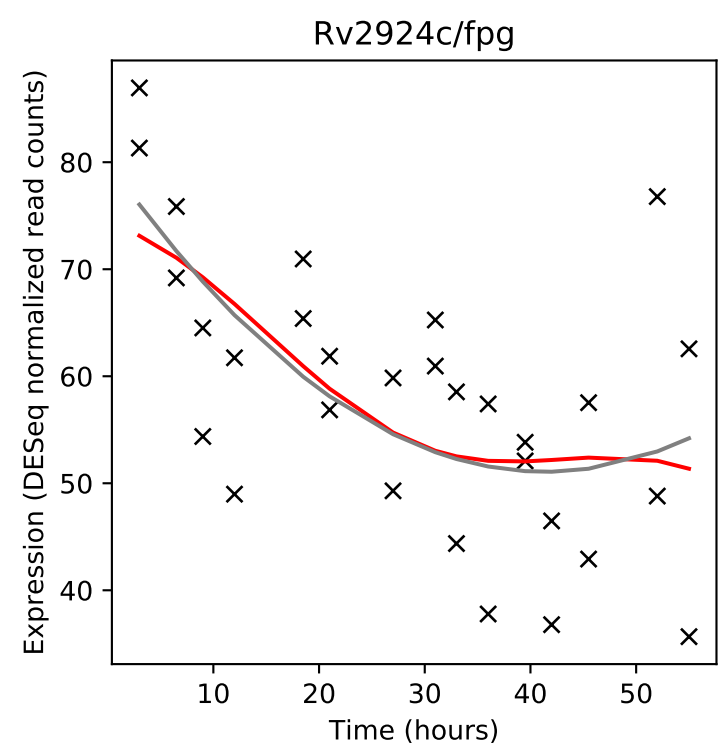

Rv2920c/amt
Expression (DESeq normalized read counts)
Time (hours)

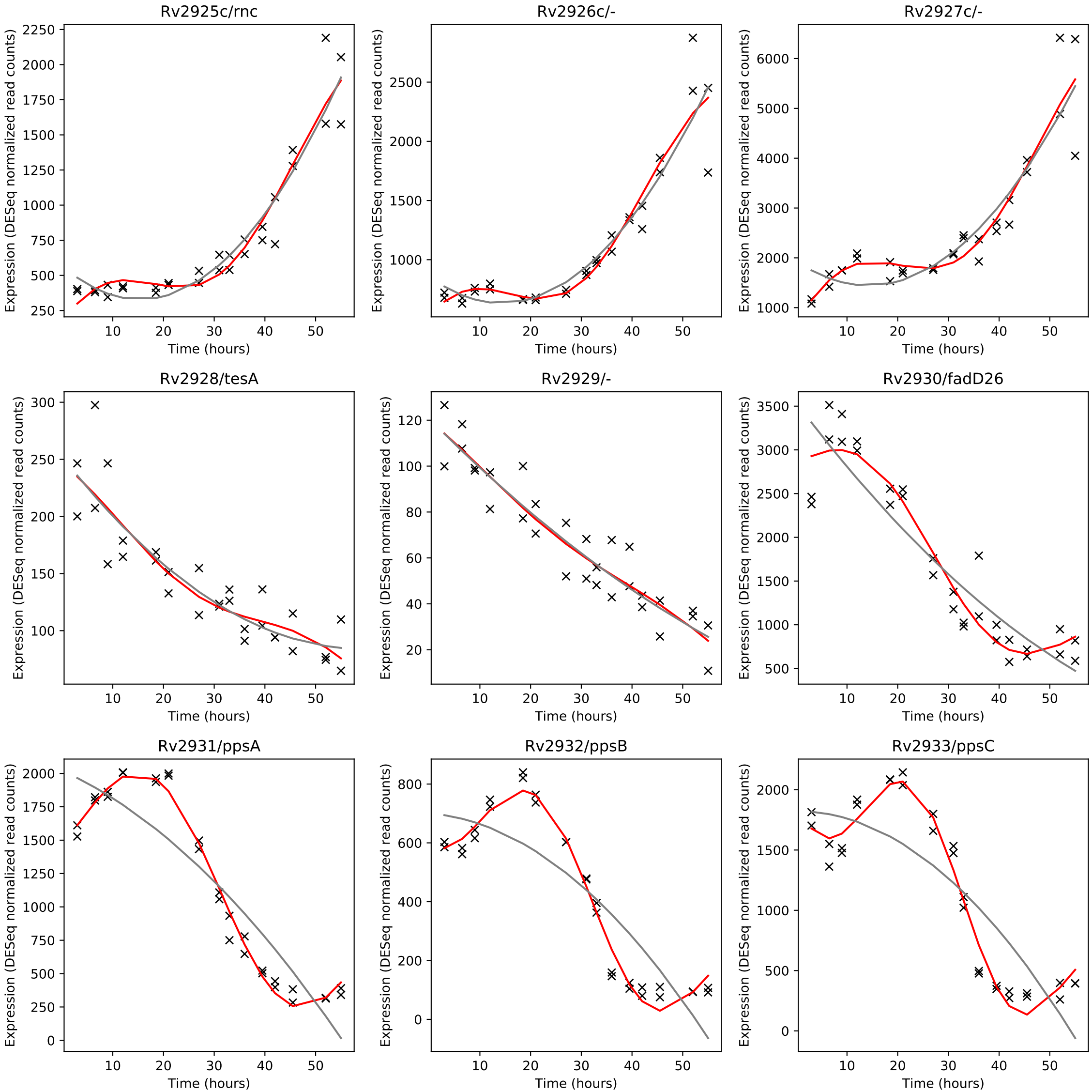

Rv2921c/ftsY
Expression (DESeq normalized read counts)
Time (hours)

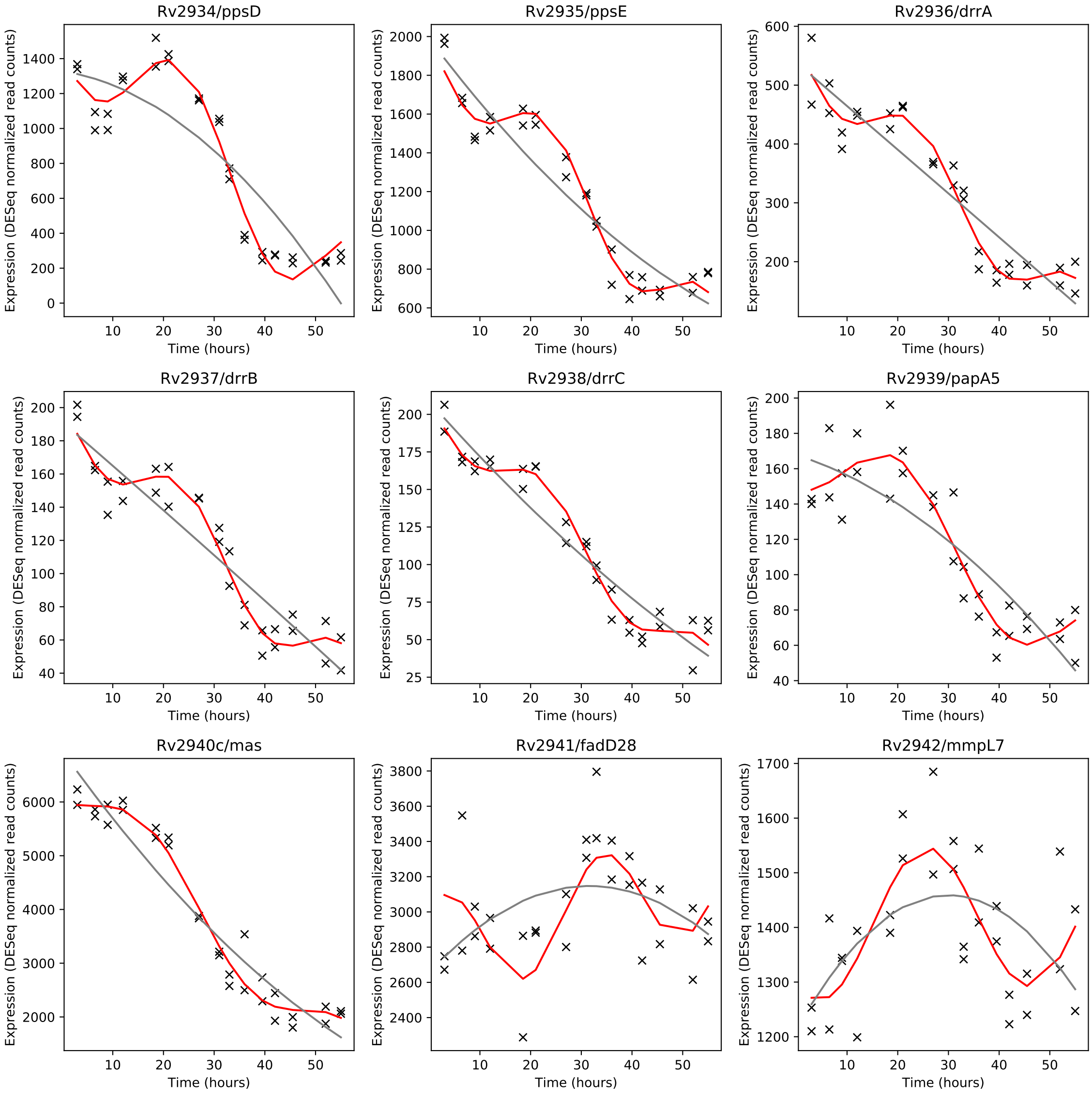

Rv2922c/smc
Expression (DESeq normalized read counts)
Time (hours)

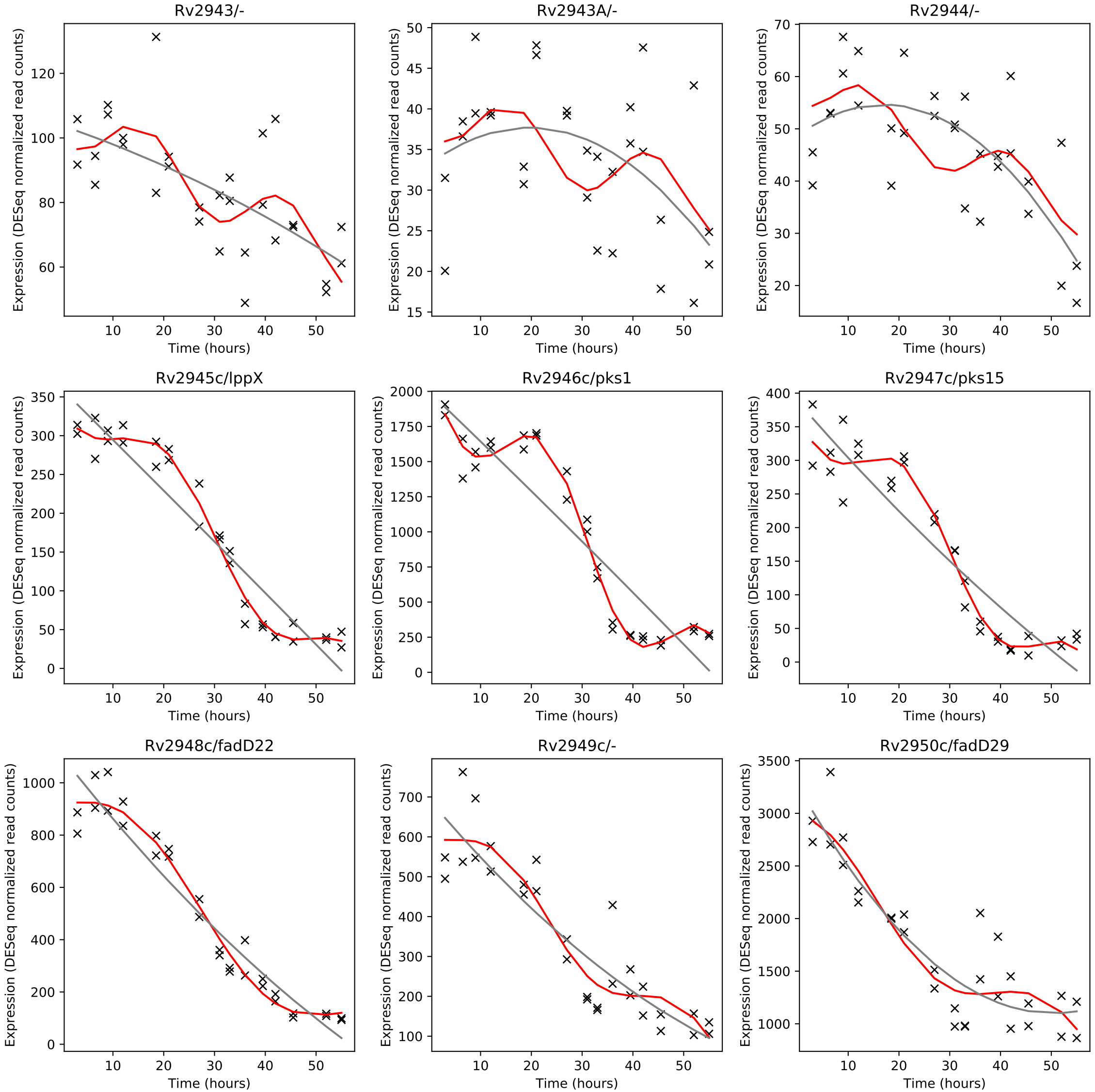

Rv2922A/acyP
Expression (DESeq normalized read counts)
Time (hours)

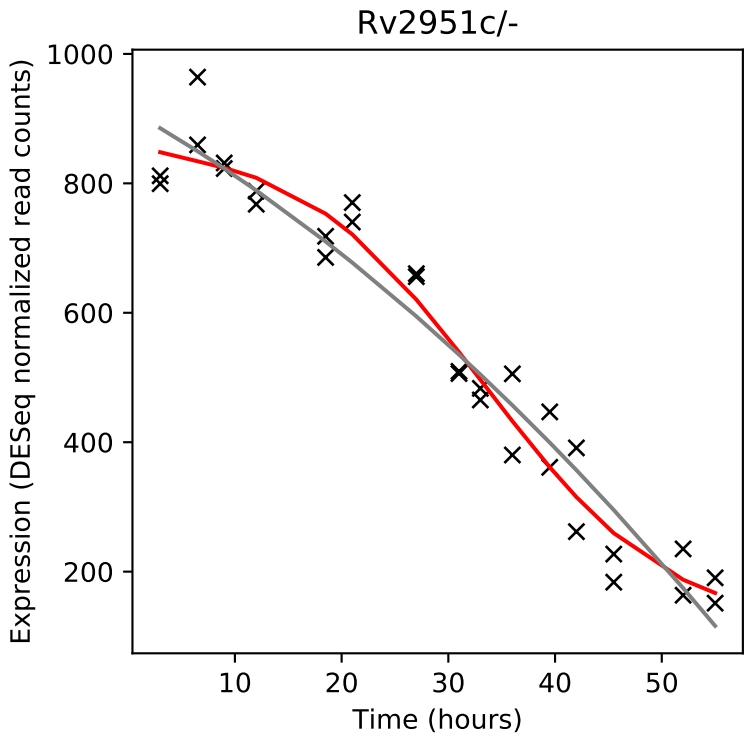

Rv2923c/-
Expression (DESeq normalized read counts)
Time (hours)

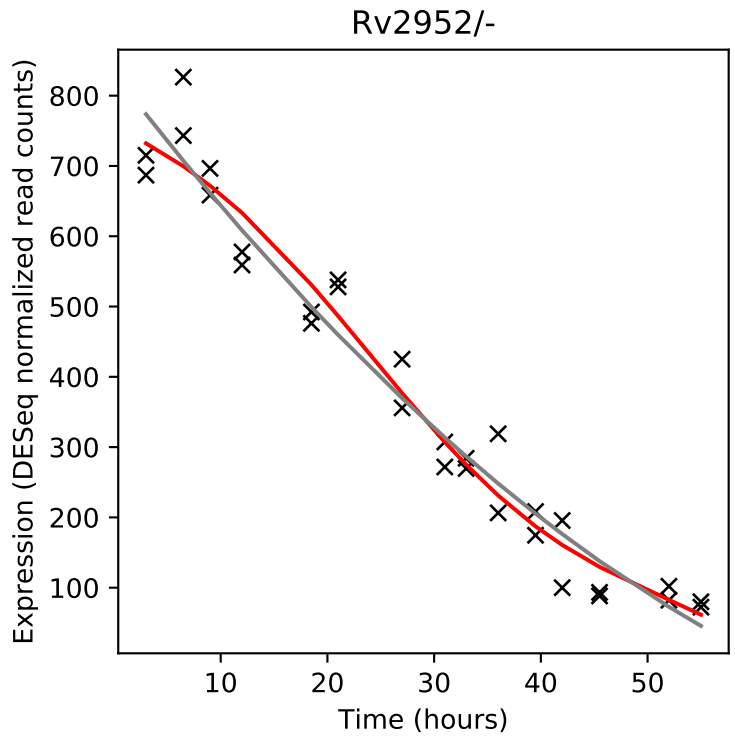

Rv2924c/fpg
Expression (DESeq normalized read counts)
Time (hours)

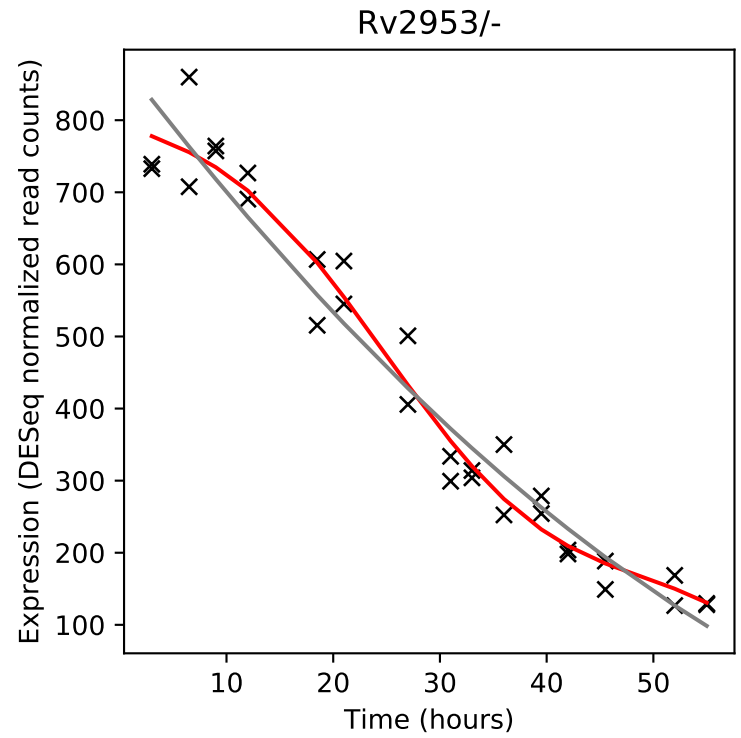

Rv2925c/rnc
Rv2926c/-
Rv2927c/-
Rv2928/tesA
Rv2929/-
Rv2930/fadD26
Rv2931/ppsA
Rv2932/ppsB
Rv2933/ppsC
Expression (DESeq normalized read counts)
Time (hours)

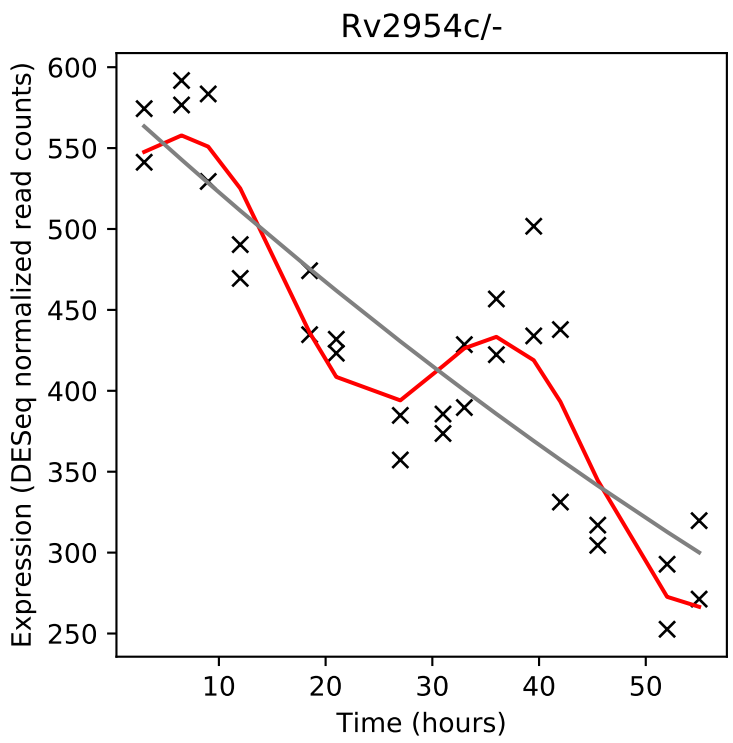

Rv2934/ppsD
Rv2935/ppsE
Rv2936/drrA
Rv2937/drrB
Rv2938/drrC
Rv2939/papA5
Rv2940c/mas
Rv2941/fadD28
Rv2942/mmpL7
Expression (DESeq normalized read counts)
Time (hours)

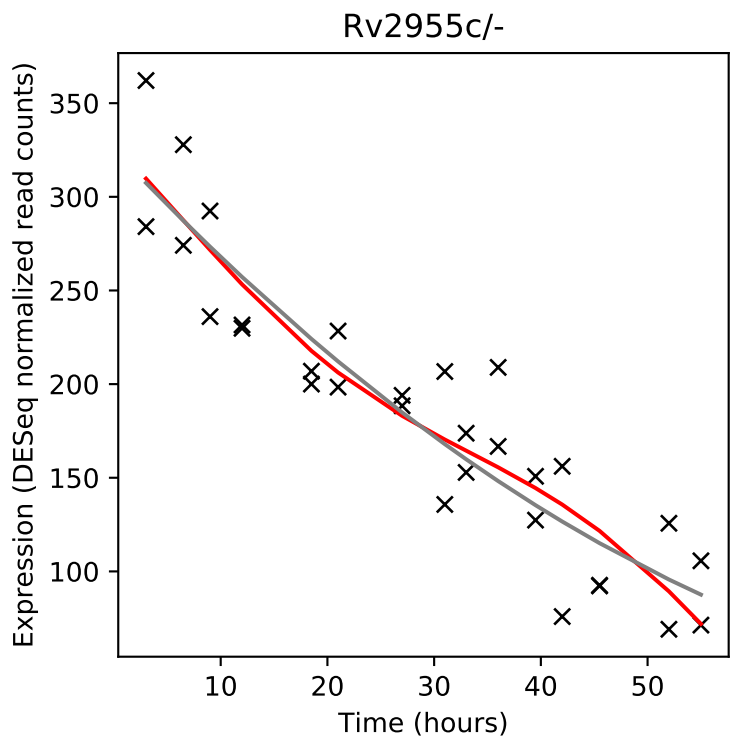

Rv2943/-
Rv2943A/-
Rv2944/-
Rv2945c/lppX
Rv2946c/pks1
Rv2947c/pks15
Rv2948c/fadD22
Rv2949c/-
Rv2950c/fadD29
Expression (DESeq normalized read counts)
Time (hours)

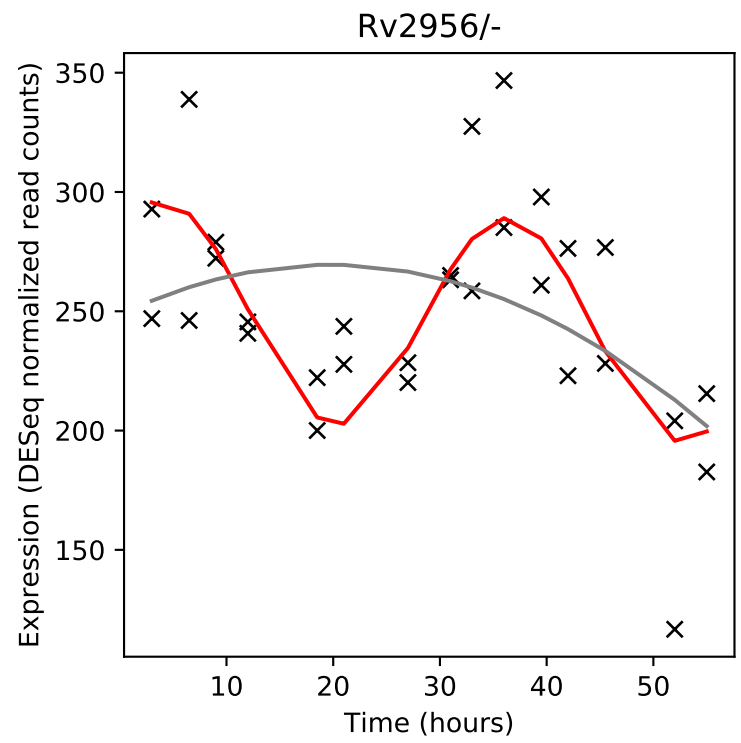

Rv2951c/-
Expression (DESeq normalized read counts)
Time (hours)

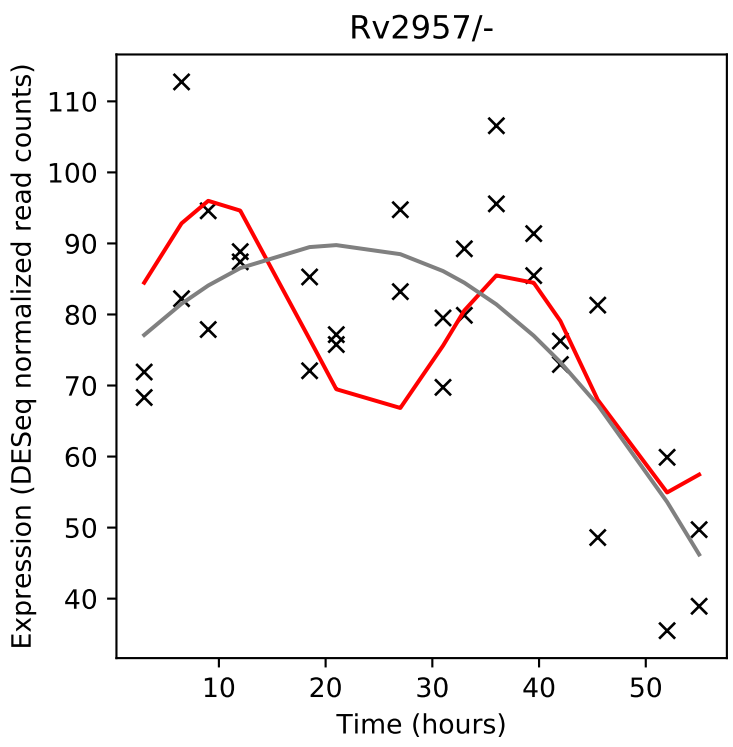

Rv2952/-
Expression (DESeq normalized read counts)
Time (hours)

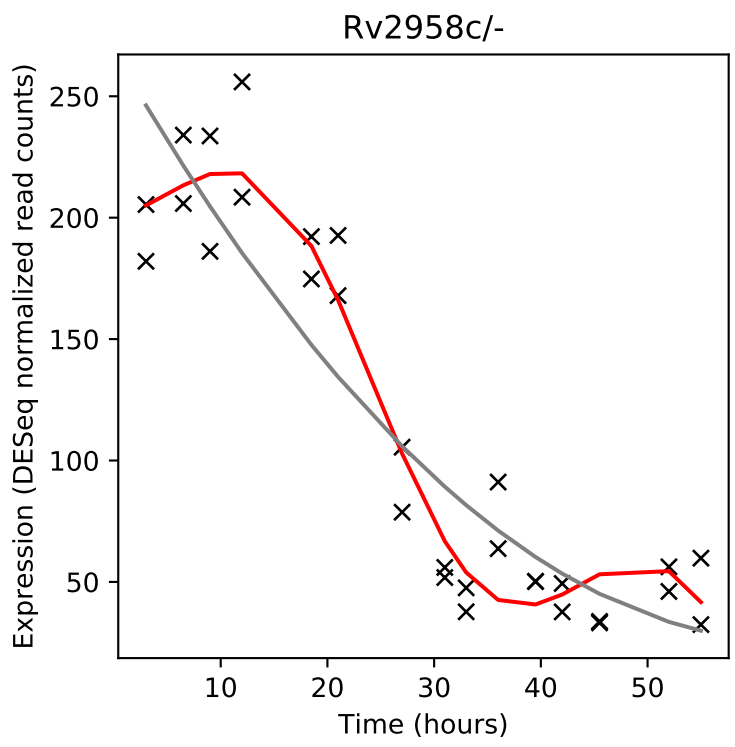

Rv2953/-
Expression (DESeq normalized read counts)
Time (hours)

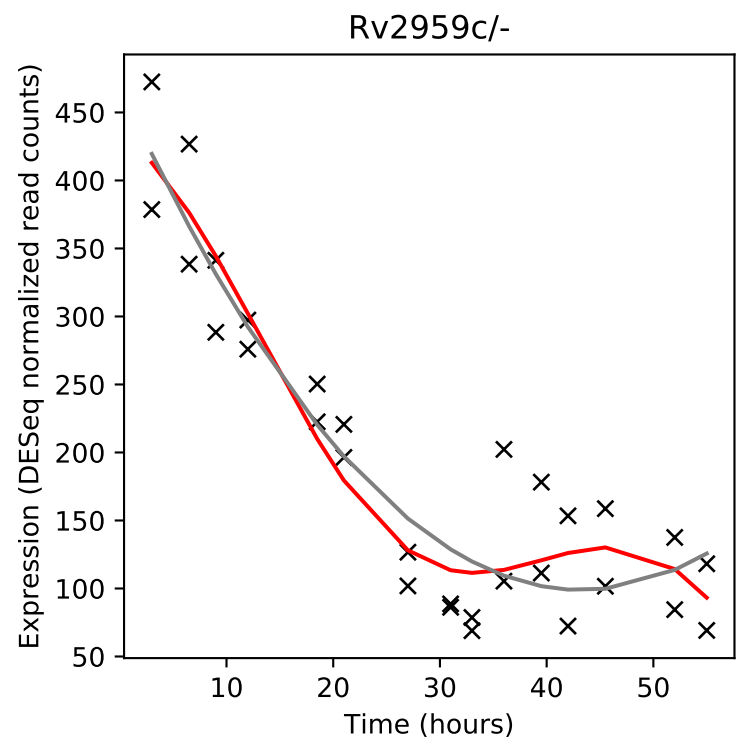

Rv2954c/-
Expression (DESeq normalized read counts)
Time (hours)

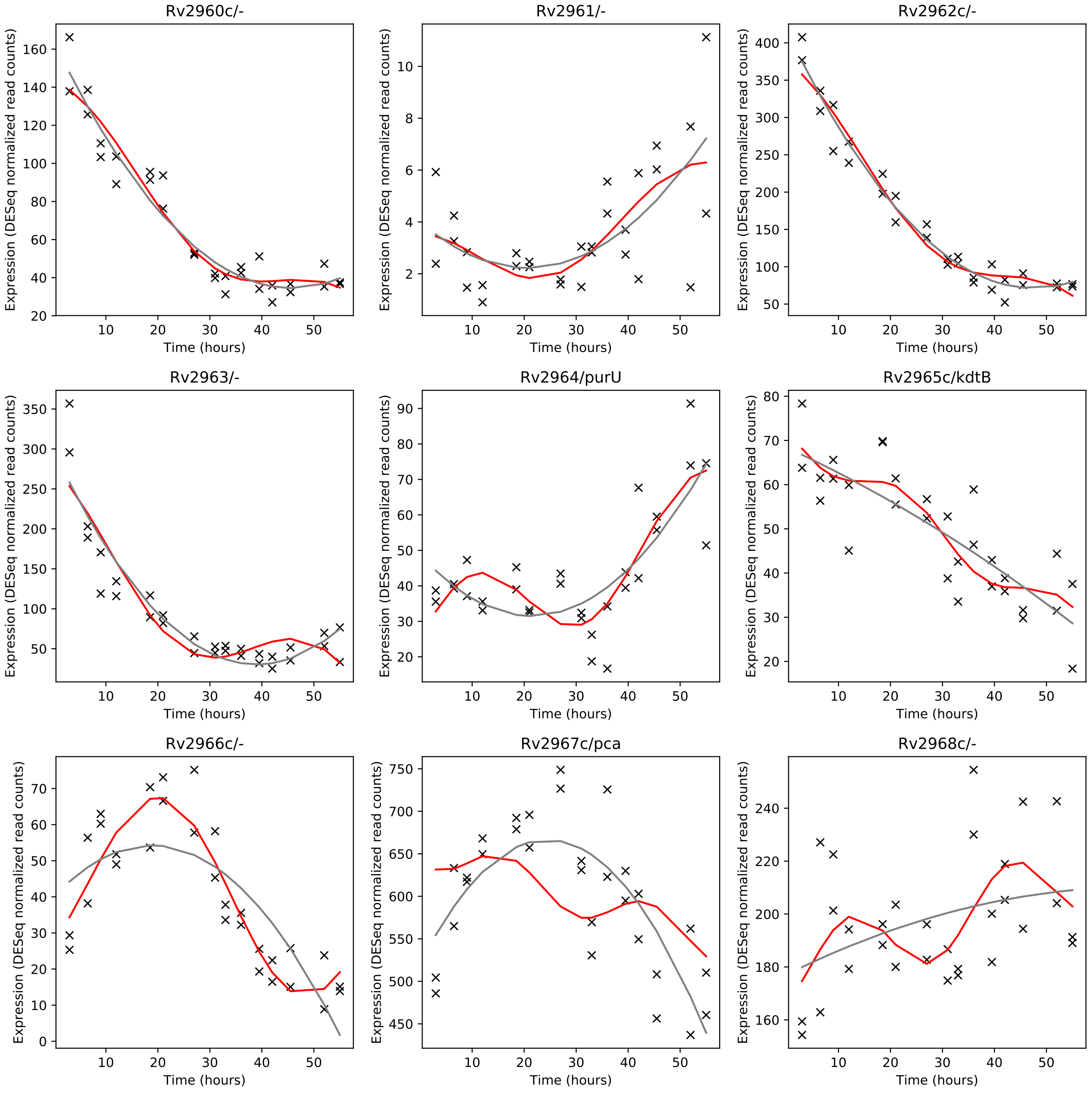

Rv2955c/-
Expression (DESeq normalized read counts)
Time (hours)

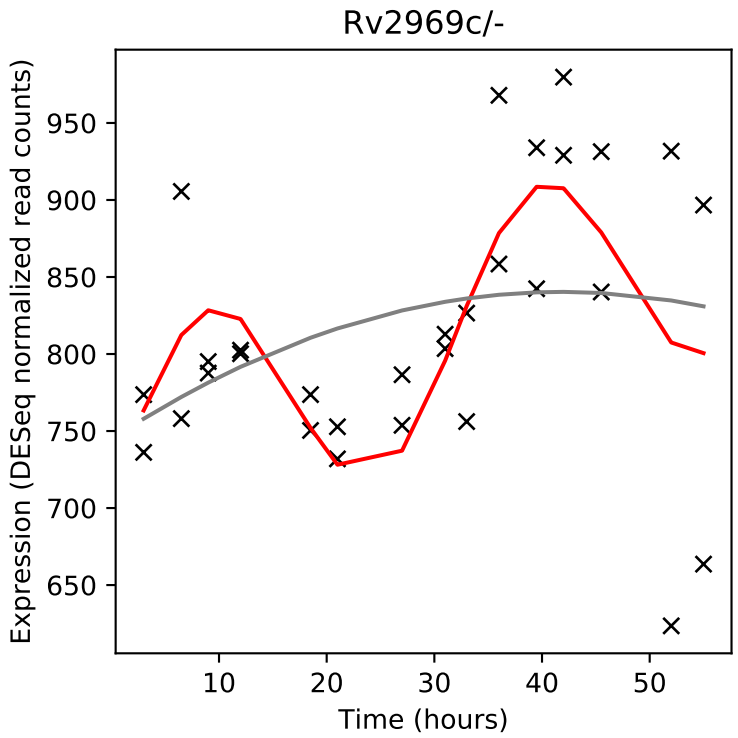

Rv2956/-
Expression (DESeq normalized read counts)
Time (hours)

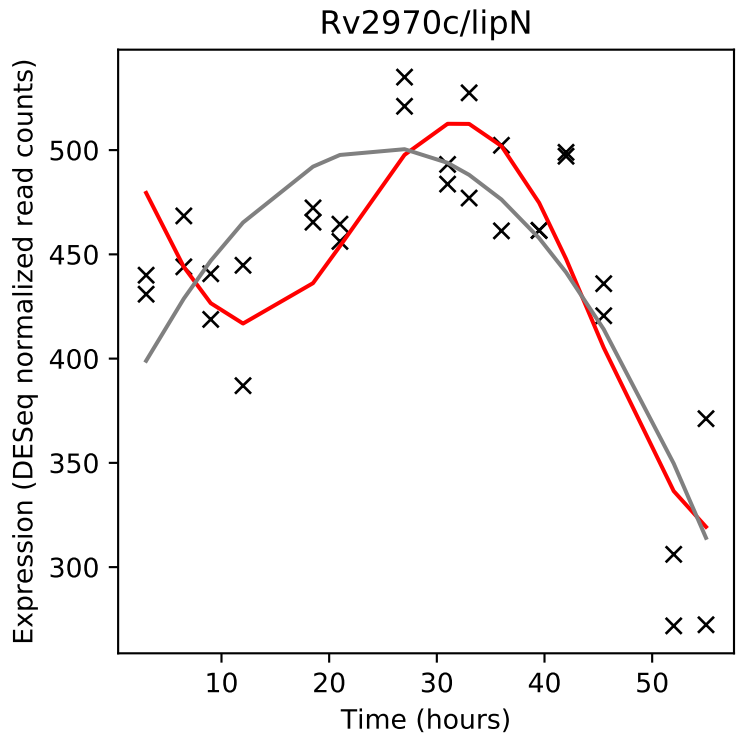

Rv2957/-
Expression (DESeq normalized read counts)
Time (hours)

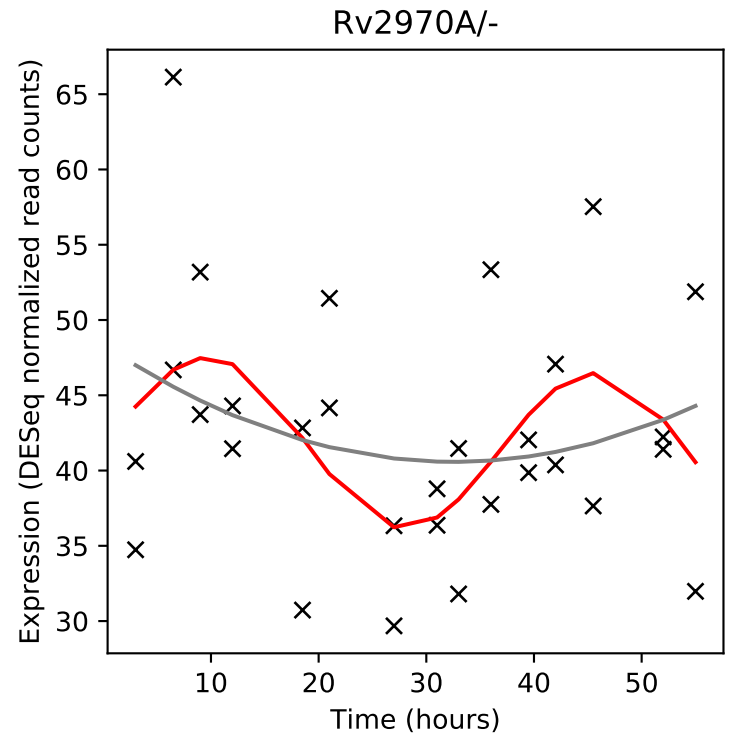

Rv2958c/-
Expression (DESeq normalized read counts)
Time (hours)

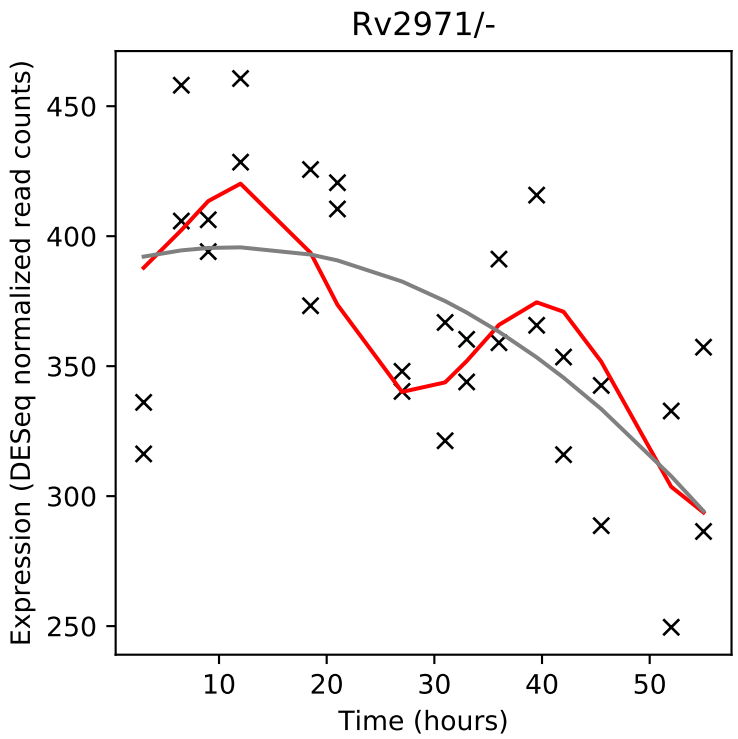

Rv2959c/-
Expression (DESeq normalized read counts)
Time (hours)

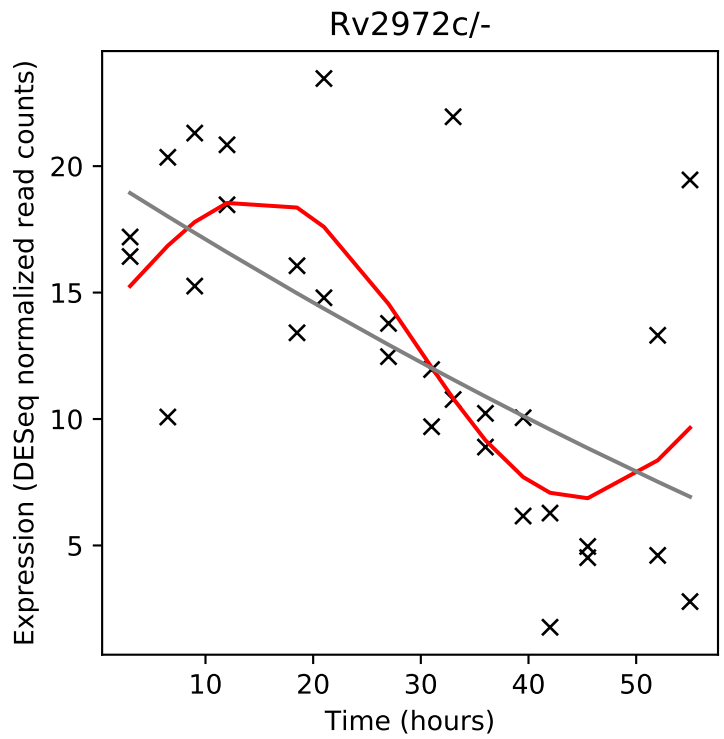

Rv2960c/-
Rv2961/-
Rv2962c/-
Rv2963/-
Rv2964/purU
Rv2965c/kdtB
Rv2966c/-
Rv2967c/pca
Rv2968c/-
Expression (DESeq normalized read counts)
Time (hours)

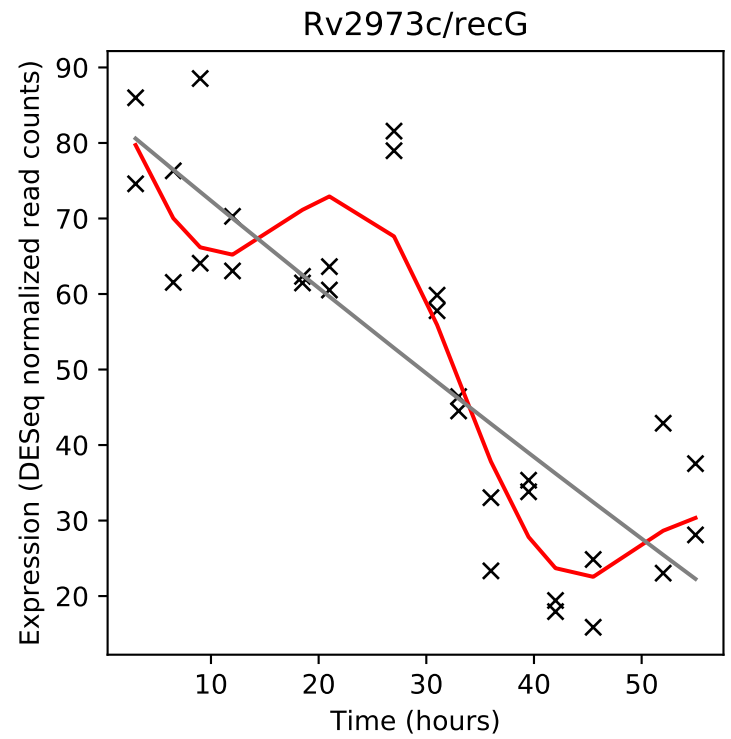

Rv2969c/-
Expression (DESeq normalized read counts)
Time (hours)

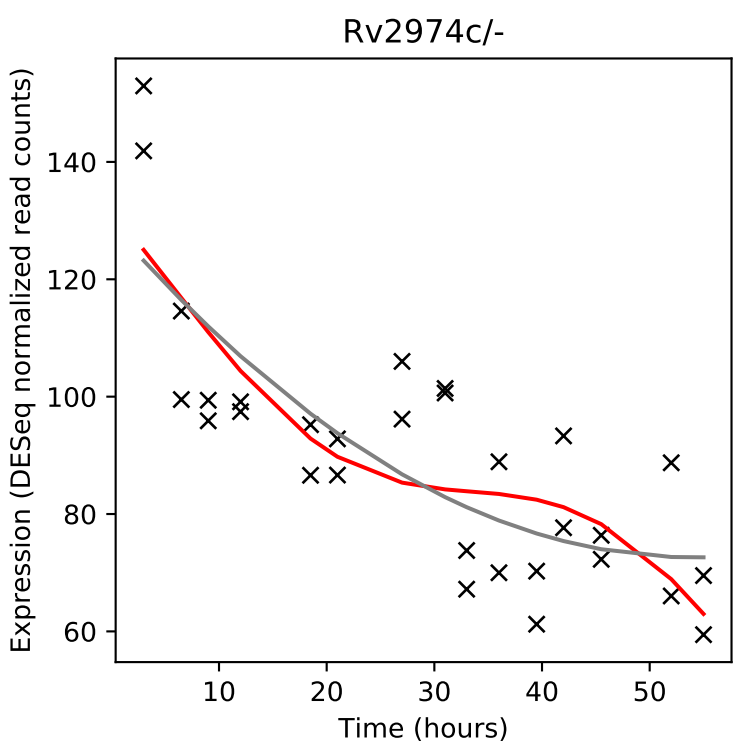

Rv2970c/lipN
Expression (DESeq normalized read counts)
Time (hours)

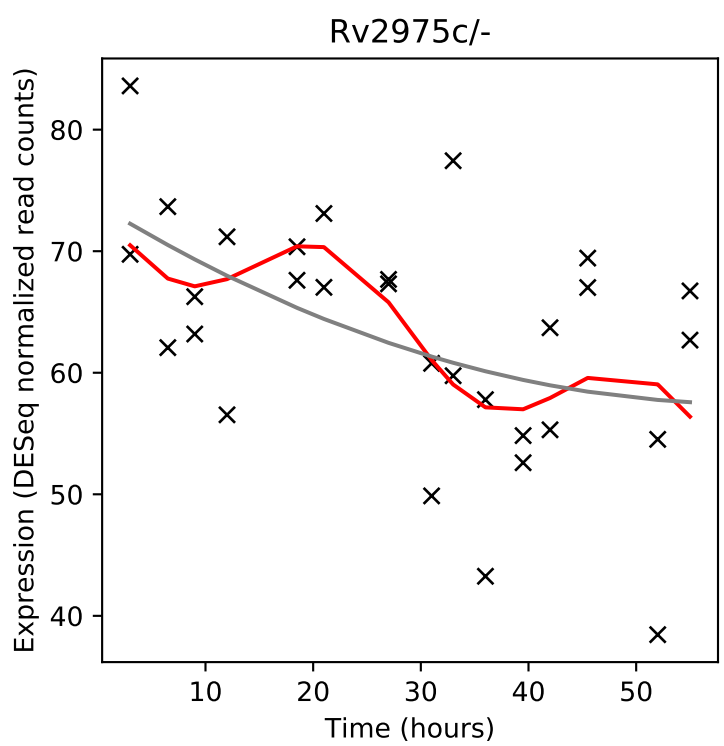

Rv2970A/-
Expression (DESeq normalized read counts)
Time (hours)

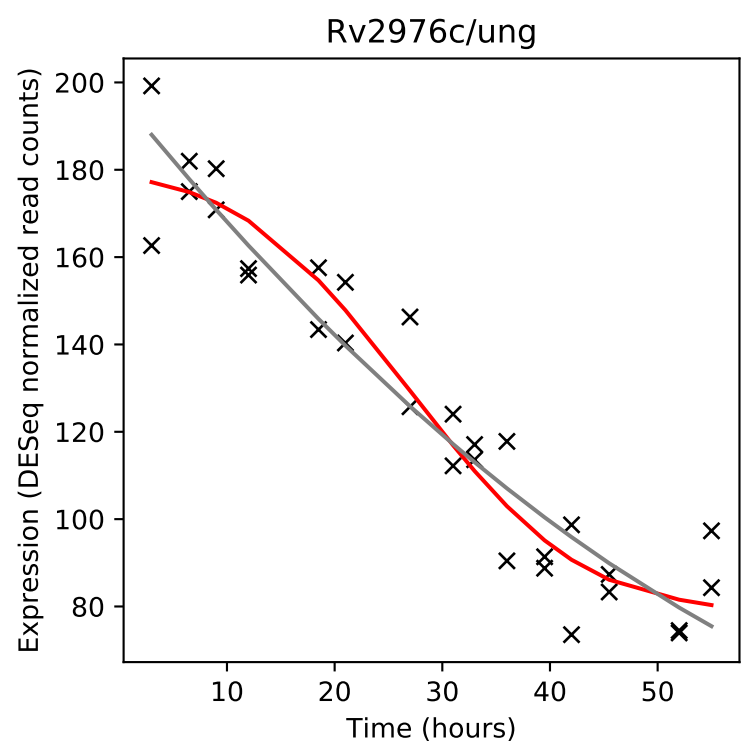

Rv2971/-
Expression (DESeq normalized read counts)
Time (hours)

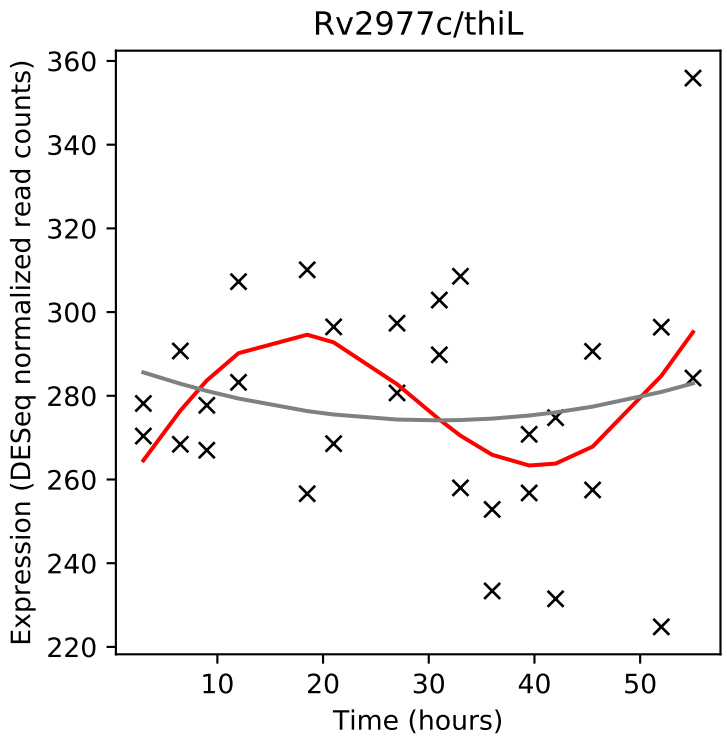

Rv2972c/-
Expression (DESeq normalized read counts)
Time (hours)

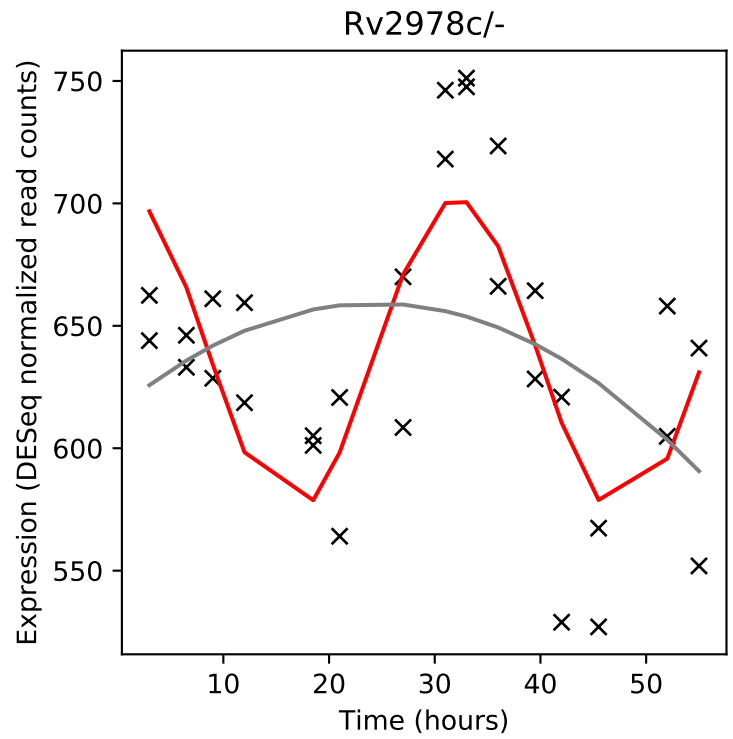

Rv2973c/recG
Expression (DESeq normalized read counts)
Time (hours)

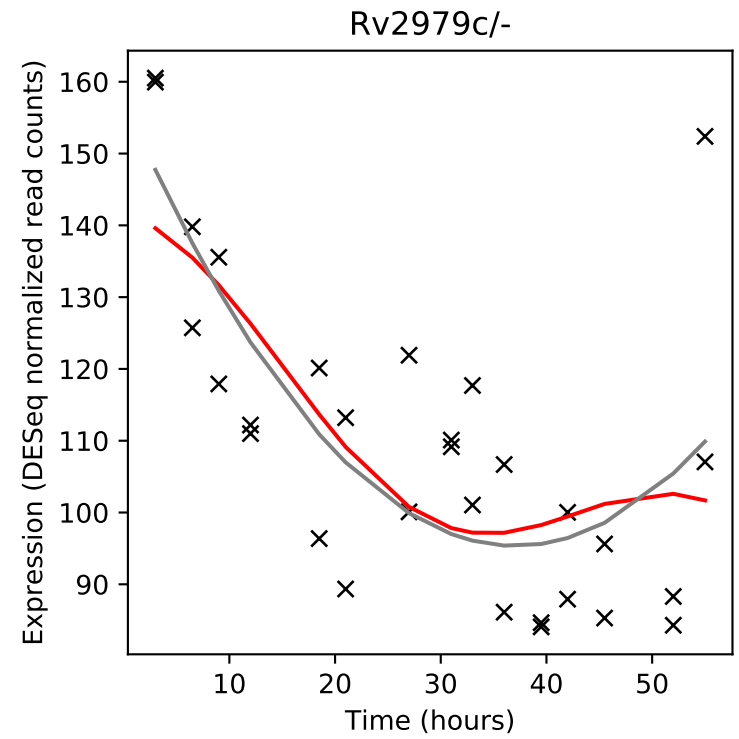

Rv2974c/-
Expression (DESeq normalized read counts)
Time (hours)

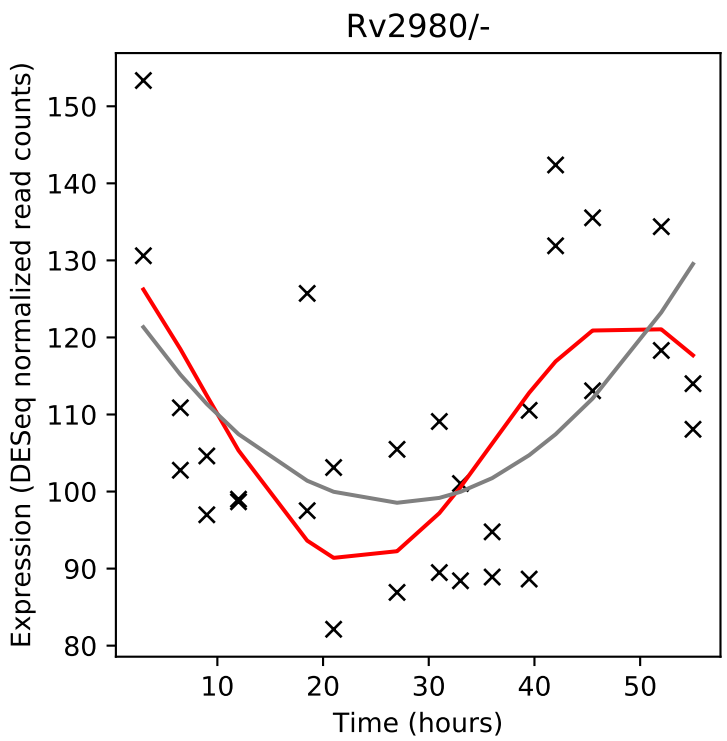

Rv2975c/-
Expression (DESeq normalized read counts)
Time (hours)

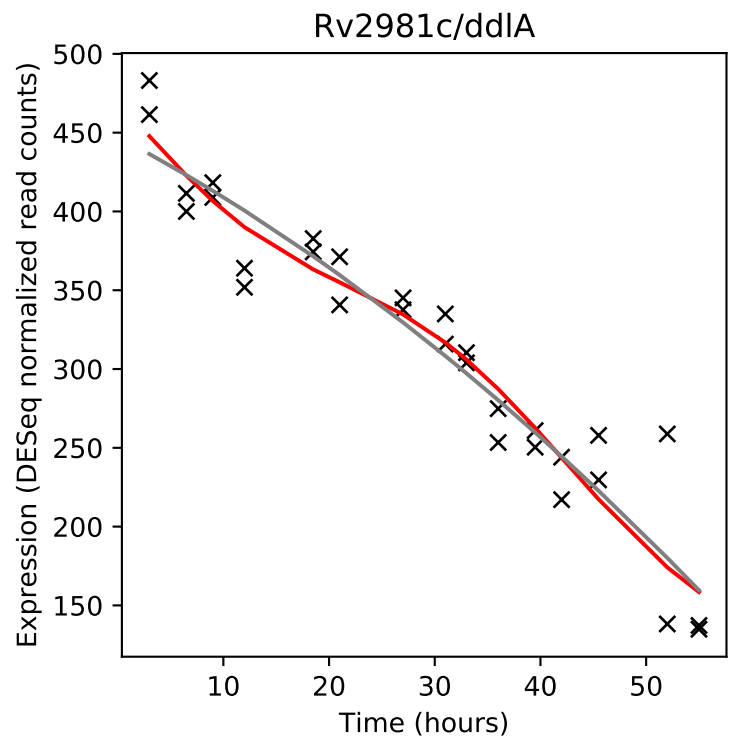

Rv2976c/ung
Expression (DESeq normalized read counts)
Time (hours)

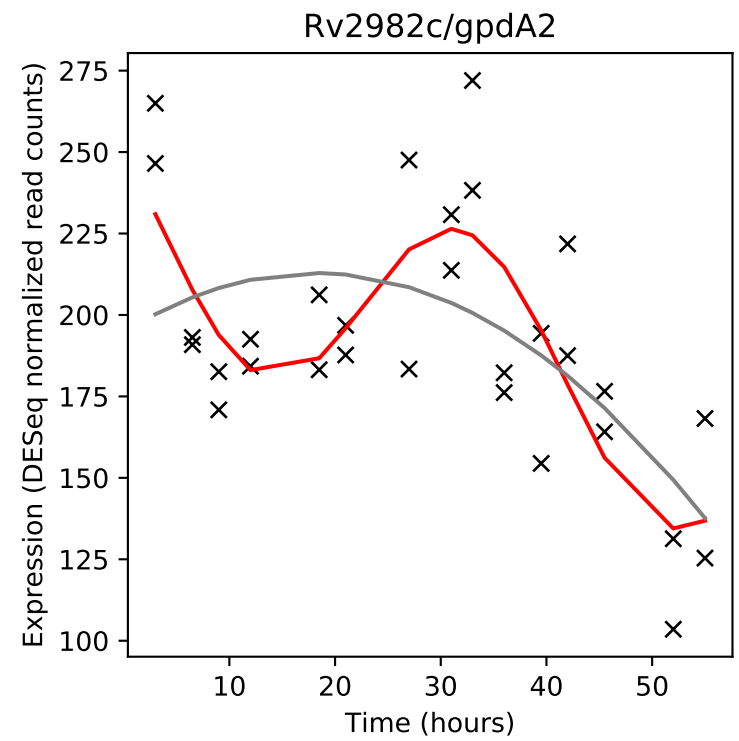

Rv2977c/thiL
Expression (DESeq normalized read counts)
Time (hours)

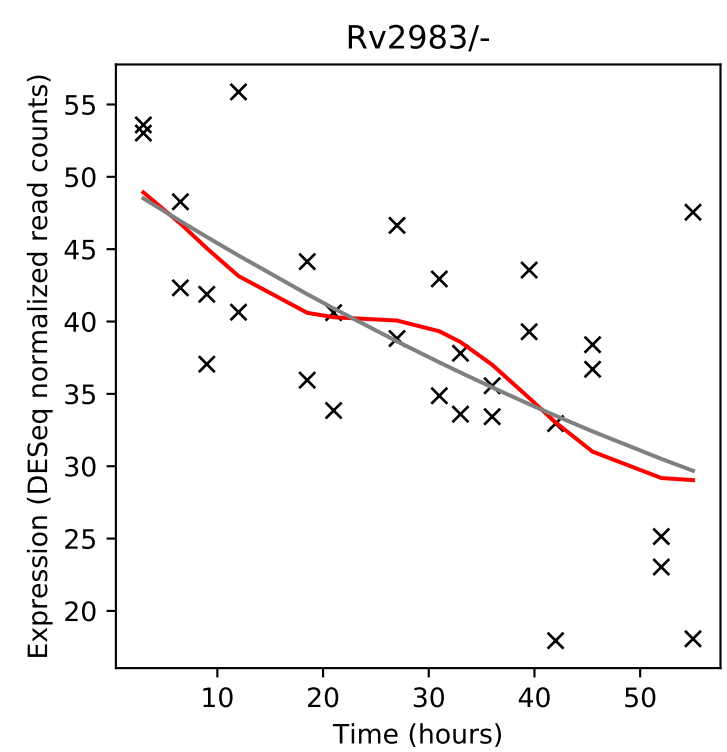

Rv2978c/-
Expression (DESeq normalized read counts)
Time (hours)

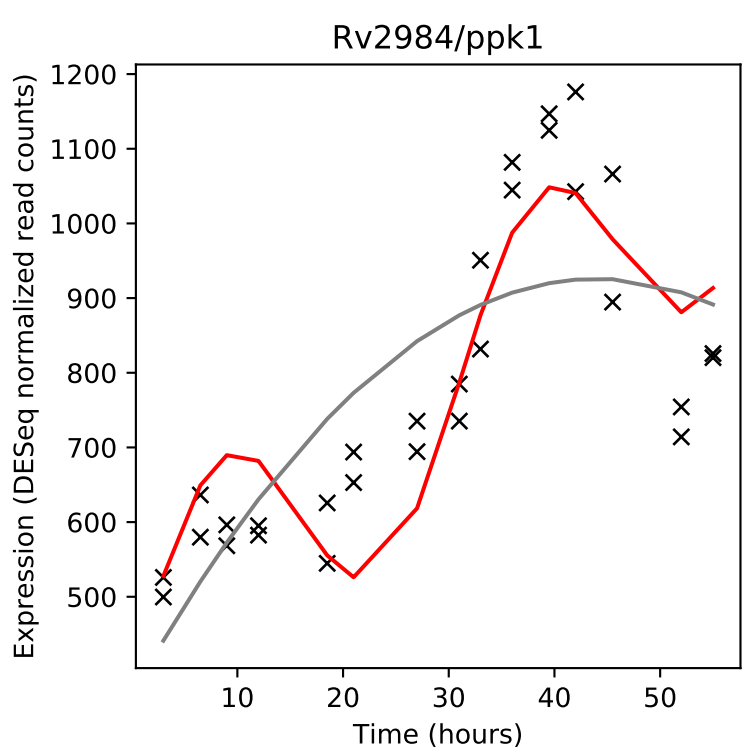

Rv2979c/-
Expression (DESeq normalized read counts)
Time (hours)

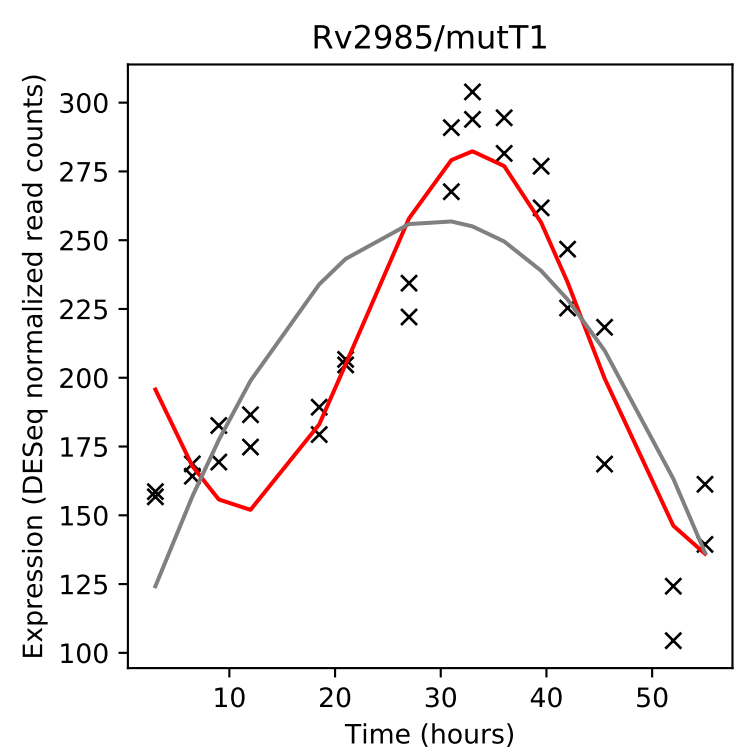

Rv2980/-
Expression (DESeq normalized read counts)
Time (hours)

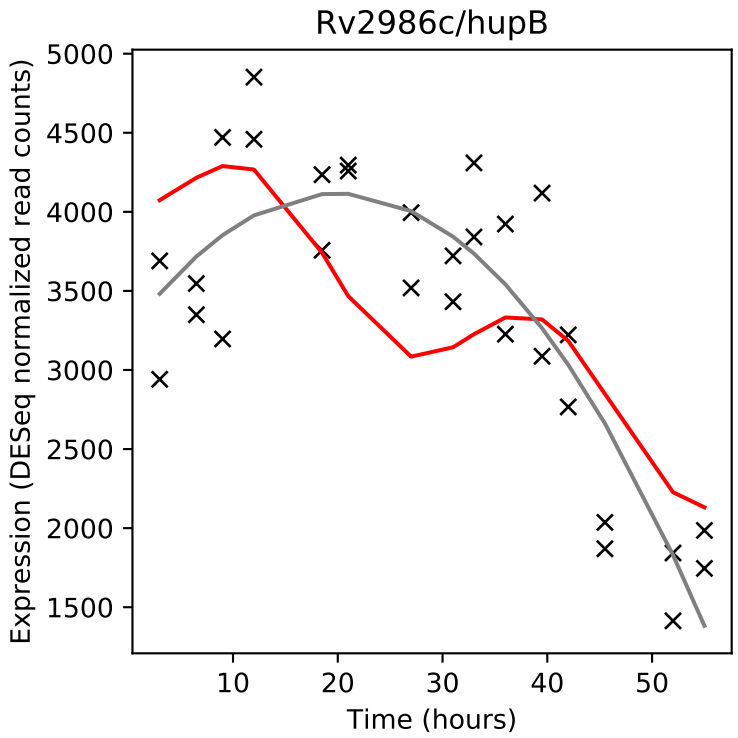

Rv2981c/ddlA
Expression (DESeq normalized read counts)
Time (hours)

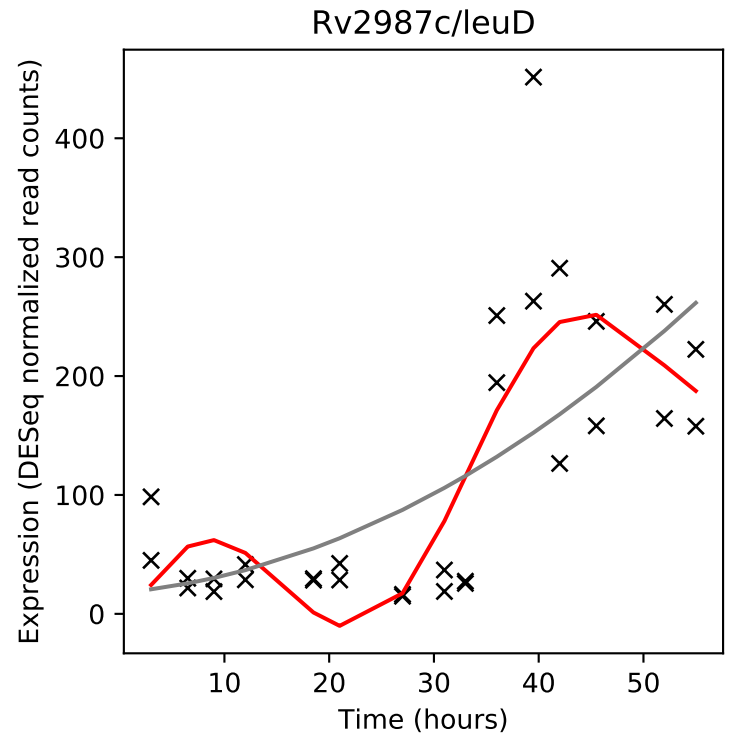

Rv2982c/gpdA2
Expression (DESeq normalized read counts)
Time (hours)

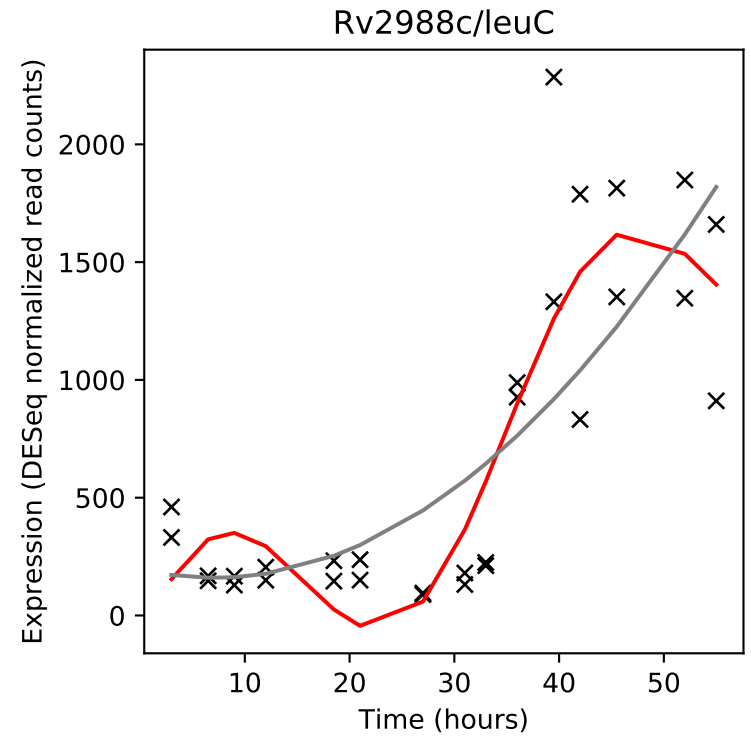

Rv2983/-
Expression (DESeq normalized read counts)
Time (hours)

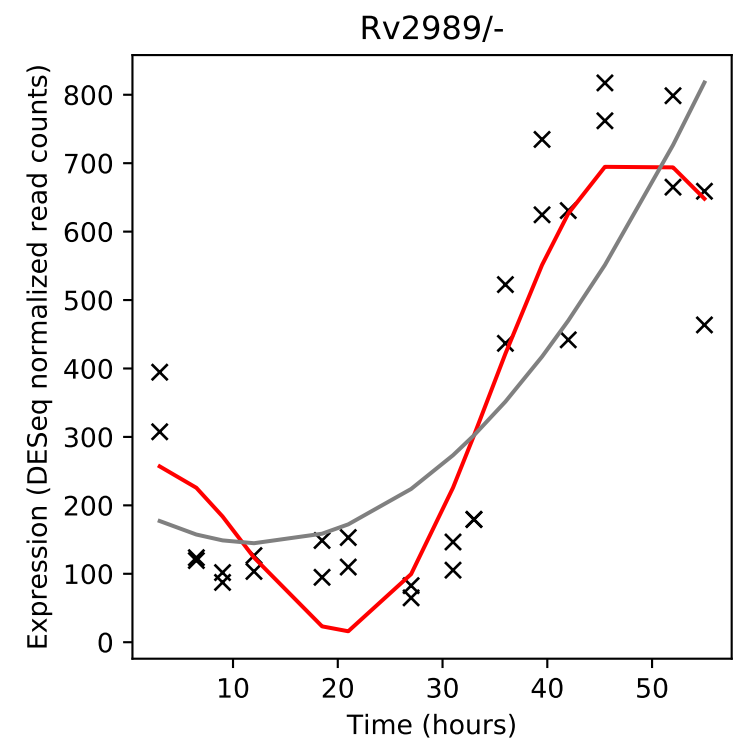

Rv2984/ppk1
Expression (DESeq normalized read counts)
Time (hours)

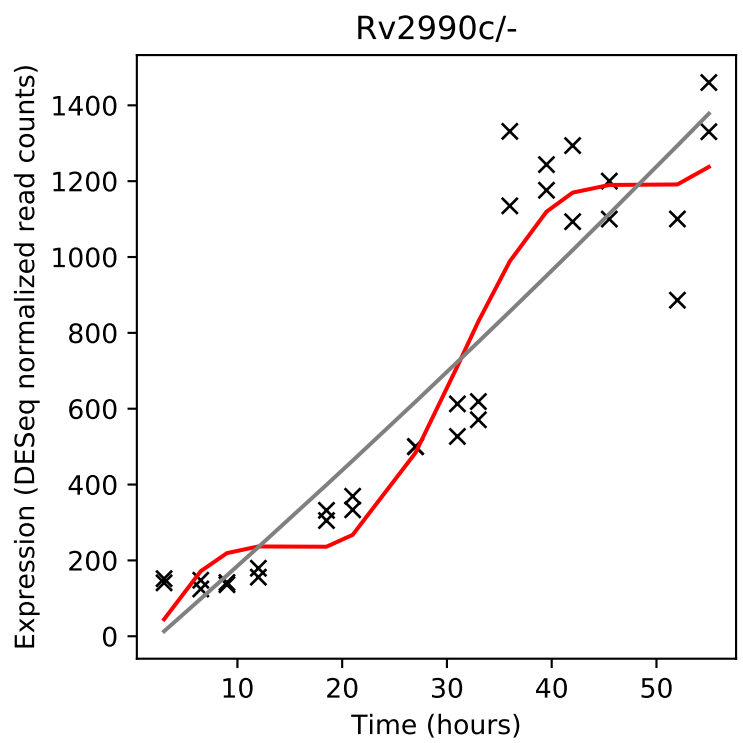

Rv2985/mutT1
Expression (DESeq normalized read counts)
Time (hours)

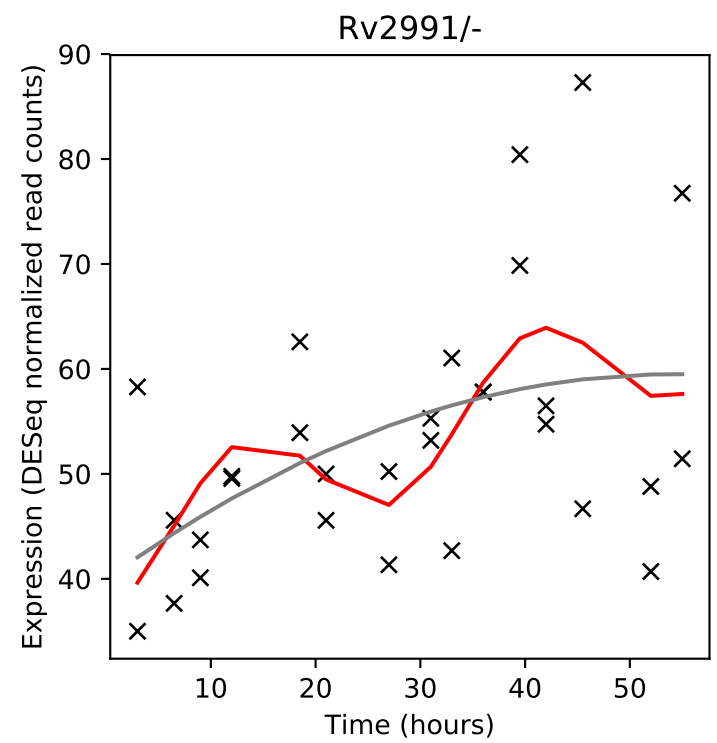

Rv2986c/hupB
Expression (DESeq normalized read counts)
Time (hours)

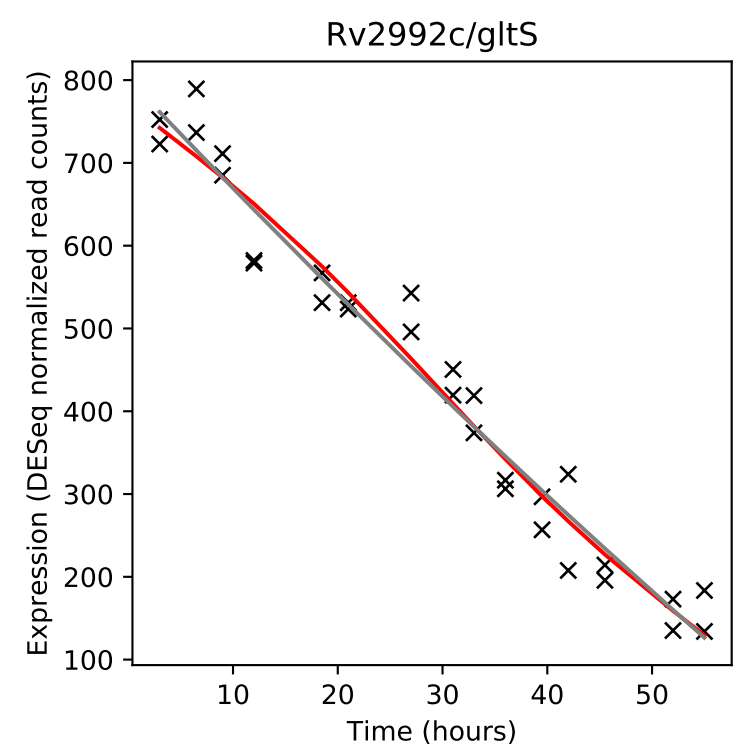

Rv2987c/leuD
Expression (DESeq normalized read counts)
Time (hours)

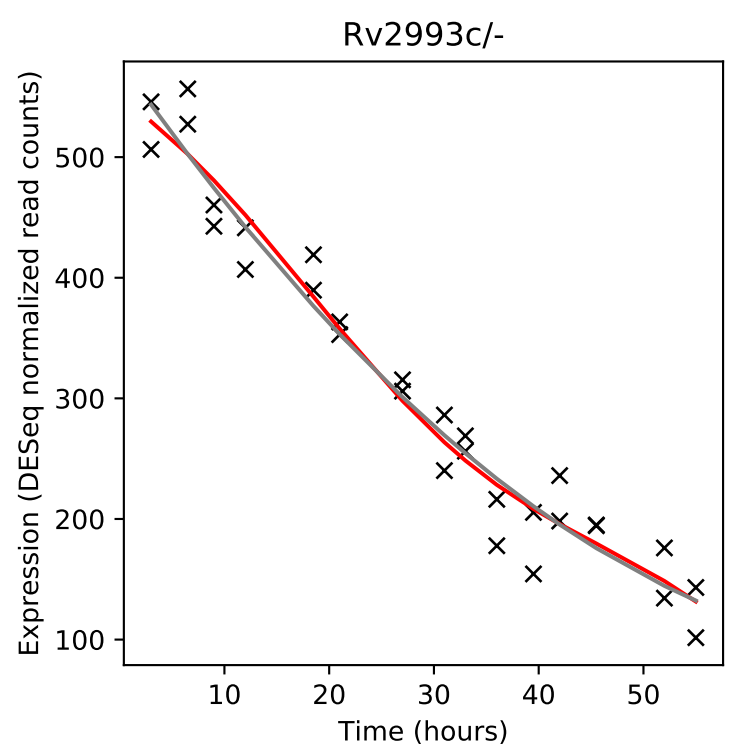

Rv2988c/leuC
Expression (DESeq normalized read counts)
Time (hours)

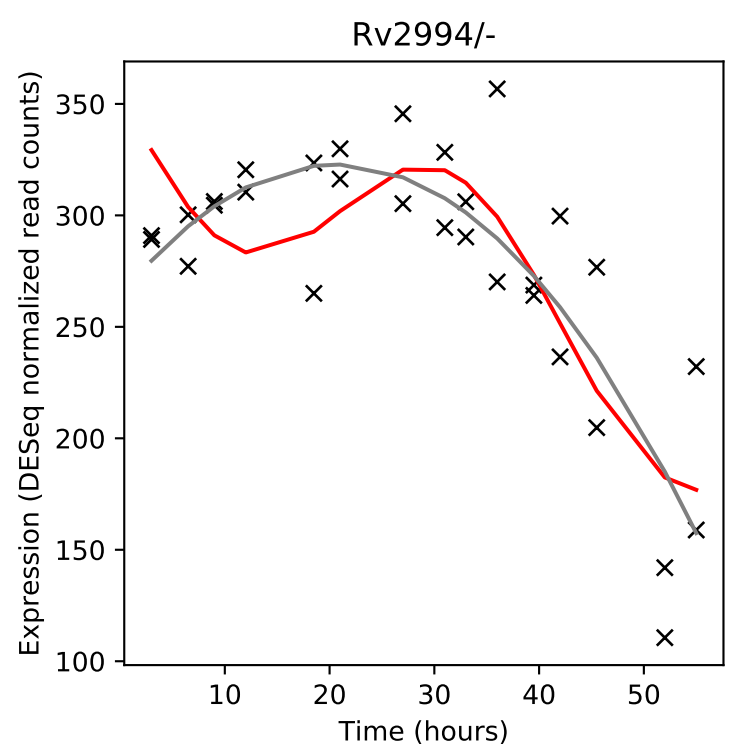

Rv2989/-
Expression (DESeq normalized read counts)
Time (hours)

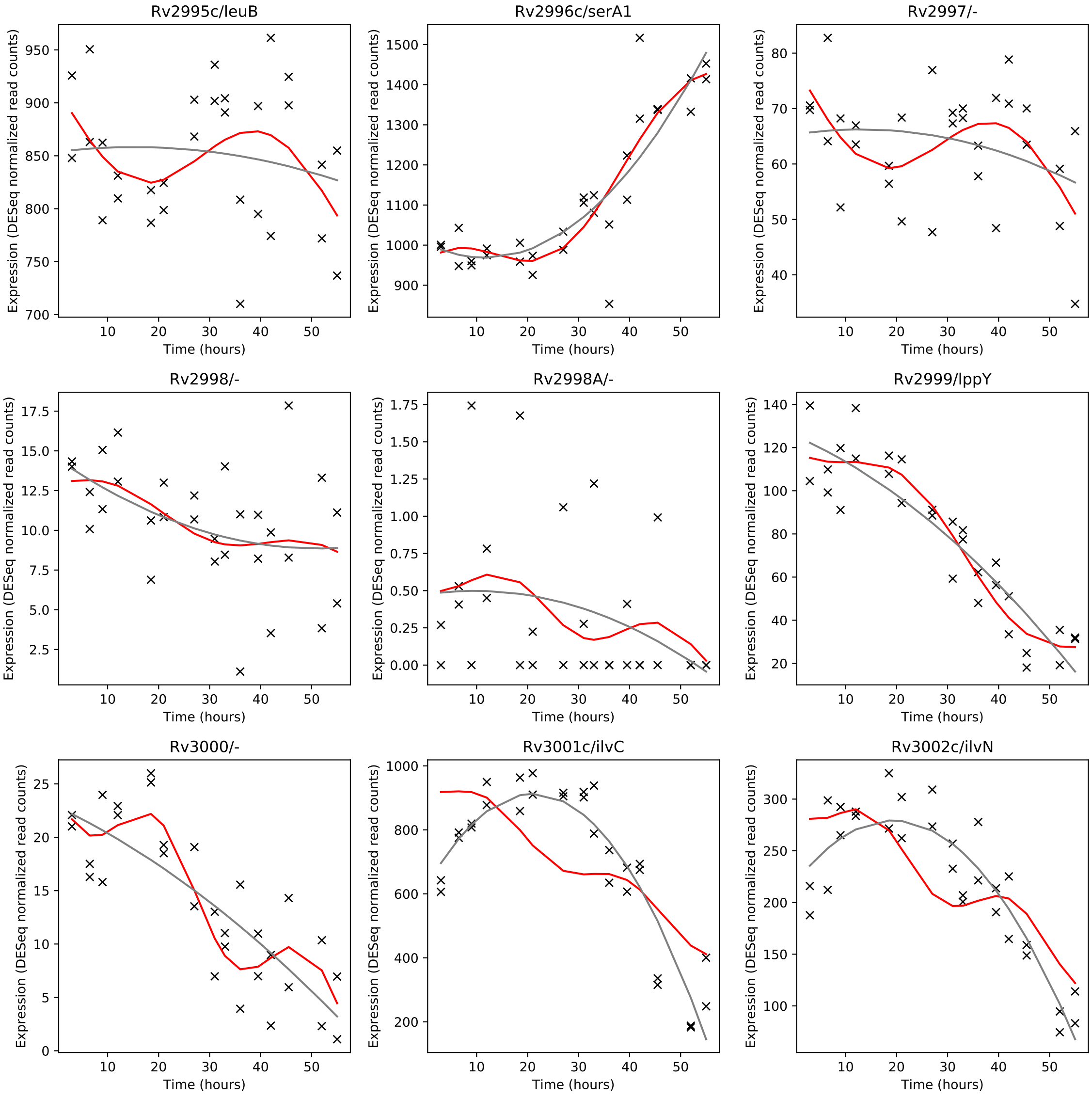

Rv2990c/-
Expression (DESeq normalized read counts)
Time (hours)

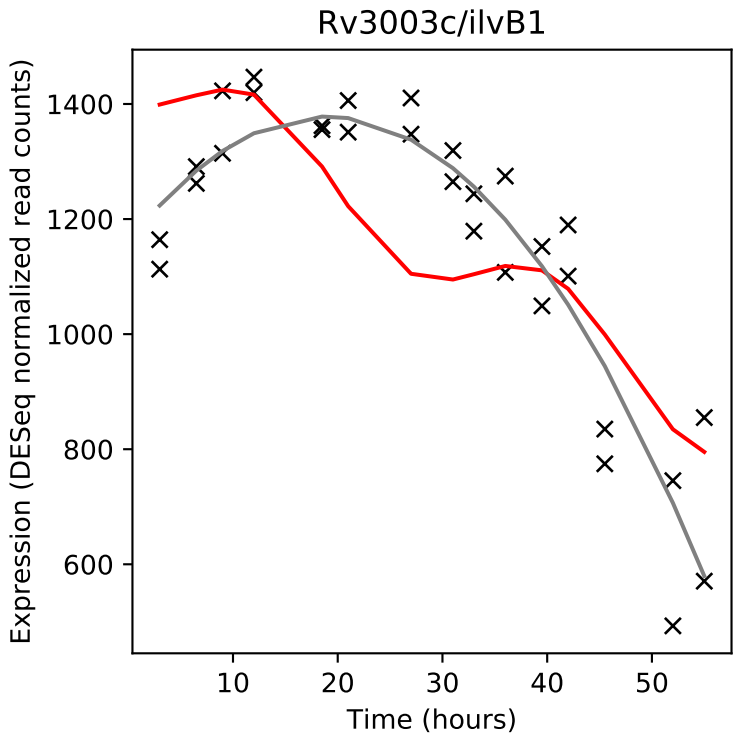

Rv2991/-
Expression (DESeq normalized read counts)
Time (hours)

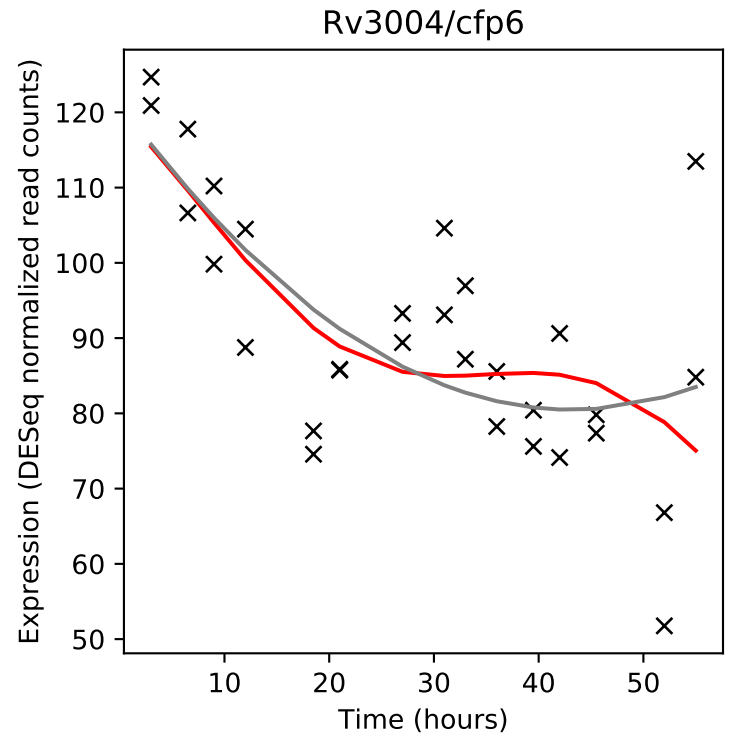

Rv2992c/gltS
Expression (DESeq normalized read counts)
Time (hours)

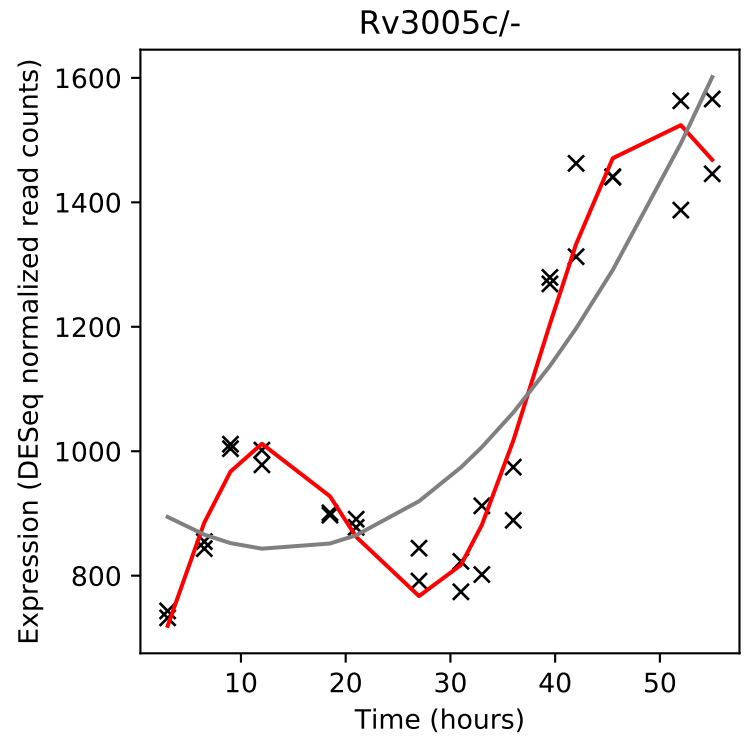

Rv2993c/-
Expression (DESeq normalized read counts)
Time (hours)

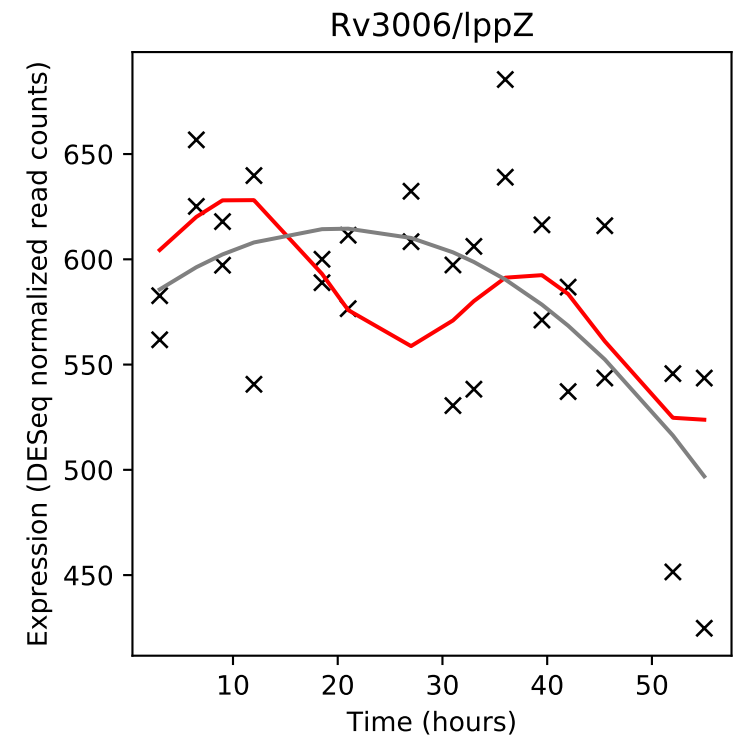

Rv2994/-
Expression (DESeq normalized read counts)
Time (hours)

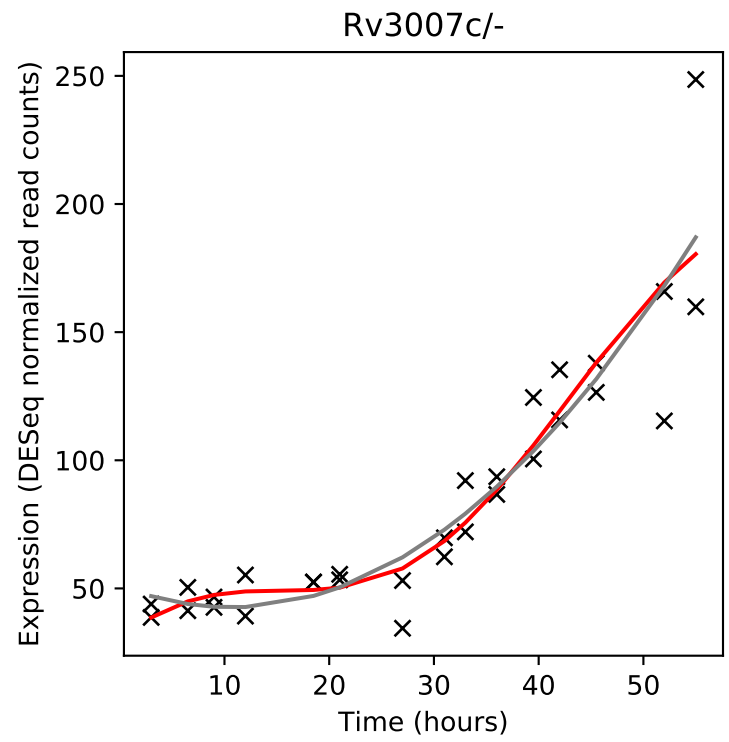

Rv2995c/leuB
Rv2996c/serA1
Rv2997/-
Rv2998/-
Rv2998A/-
Rv2999/lppY
Rv3000/-
Rv3001c/ilvC
Rv3002c/ilvN
Expression (DESeq normalized read counts)
Time (hours)

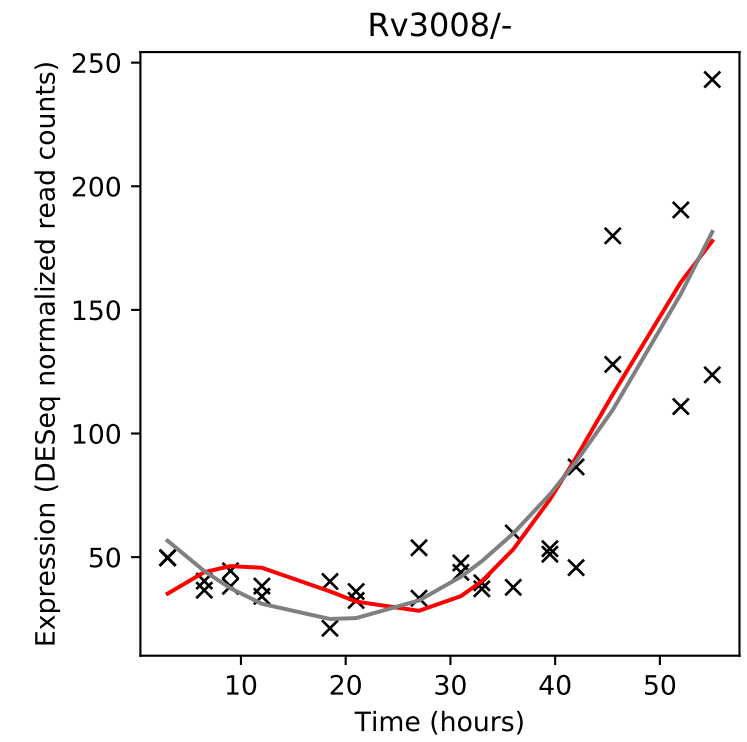

Rv3003c/ilvB1
Expression (DESeq normalized read counts)
Time (hours)

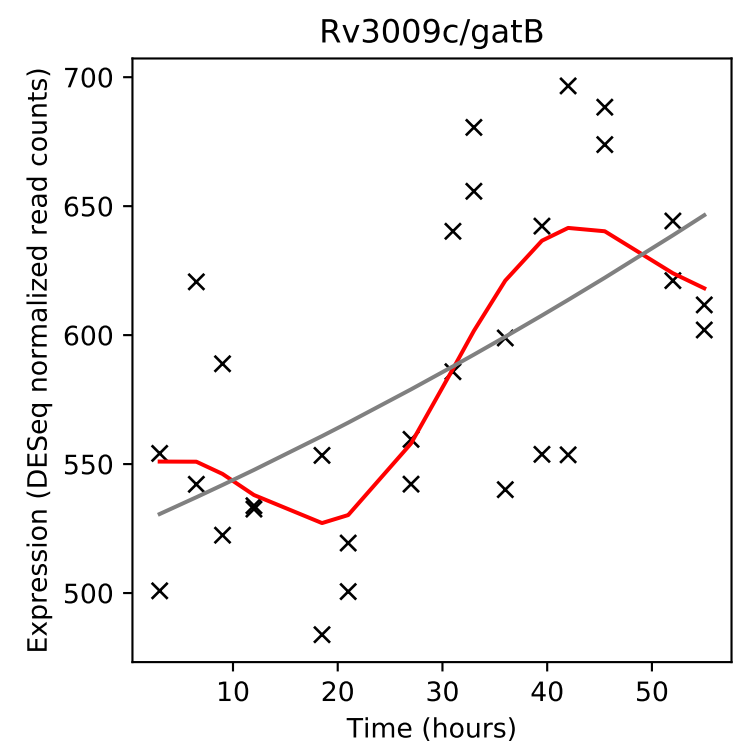

Rv3004/cfp6
Expression (DESeq normalized read counts)
Time (hours)

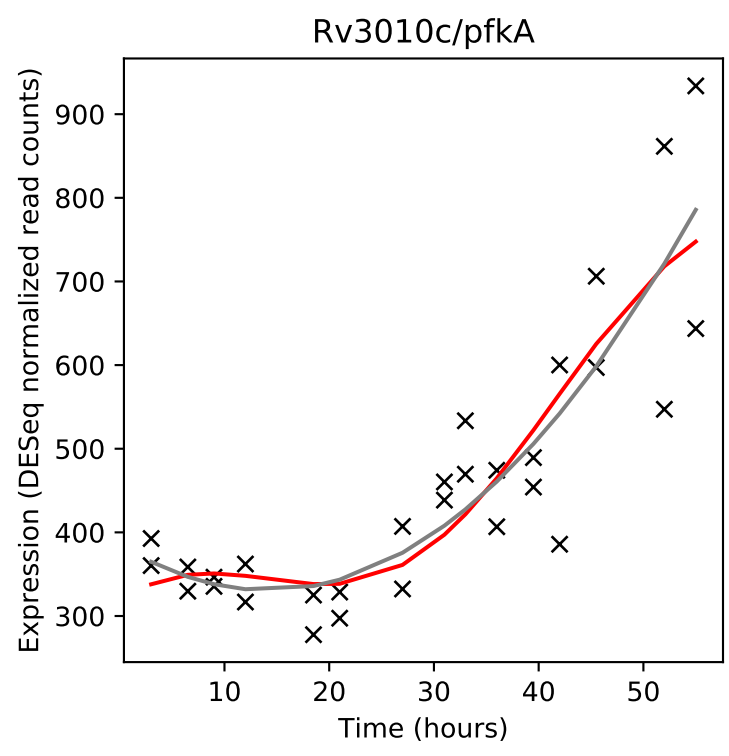

Rv3005c/-
Expression (DESeq normalized read counts)
Time (hours)

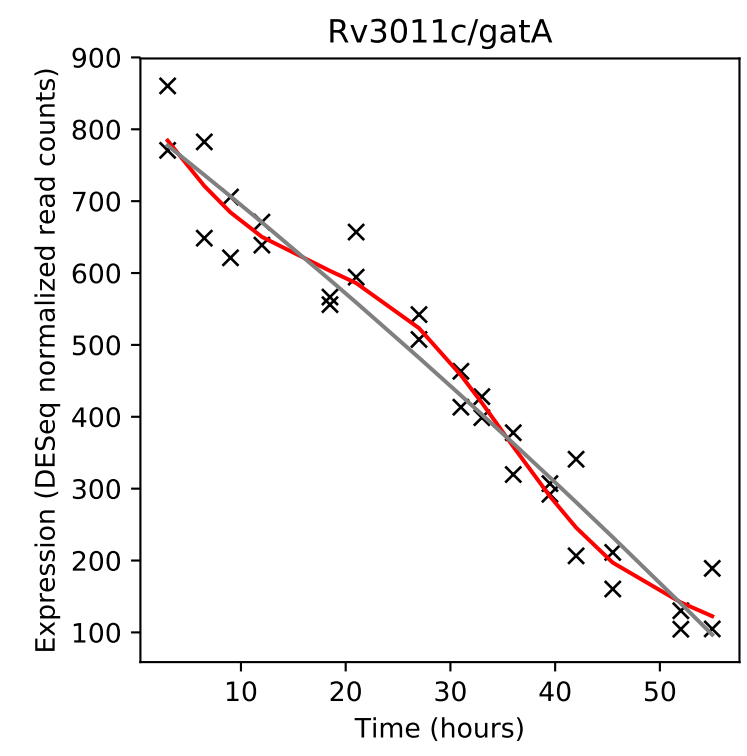

Rv3006/lppZ
Expression (DESeq normalized read counts)
Time (hours)

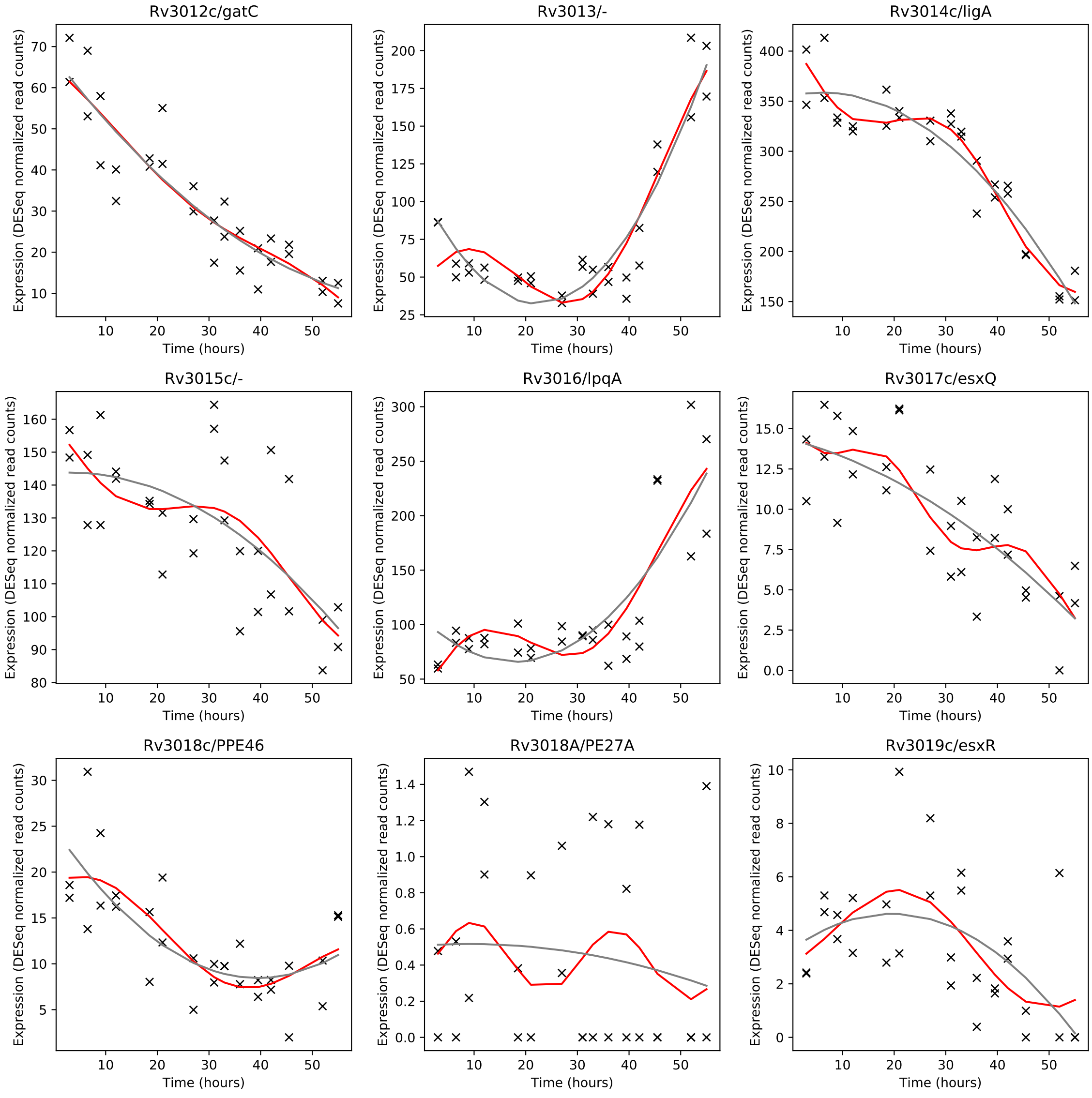

Rv3007c/-
Expression (DESeq normalized read counts)
Time (hours)

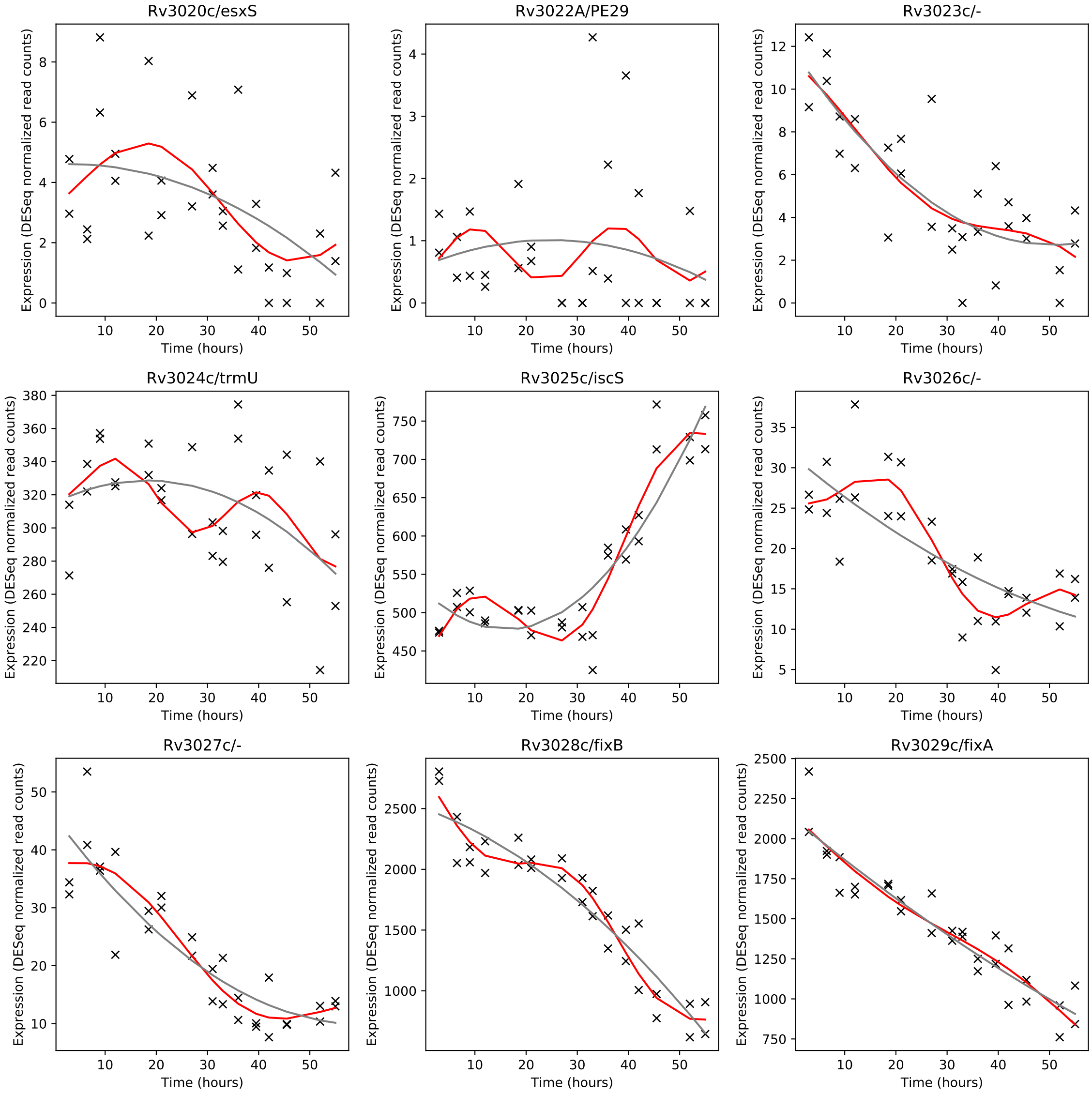

Rv3008/-
Expression (DESeq normalized read counts)
Time (hours)

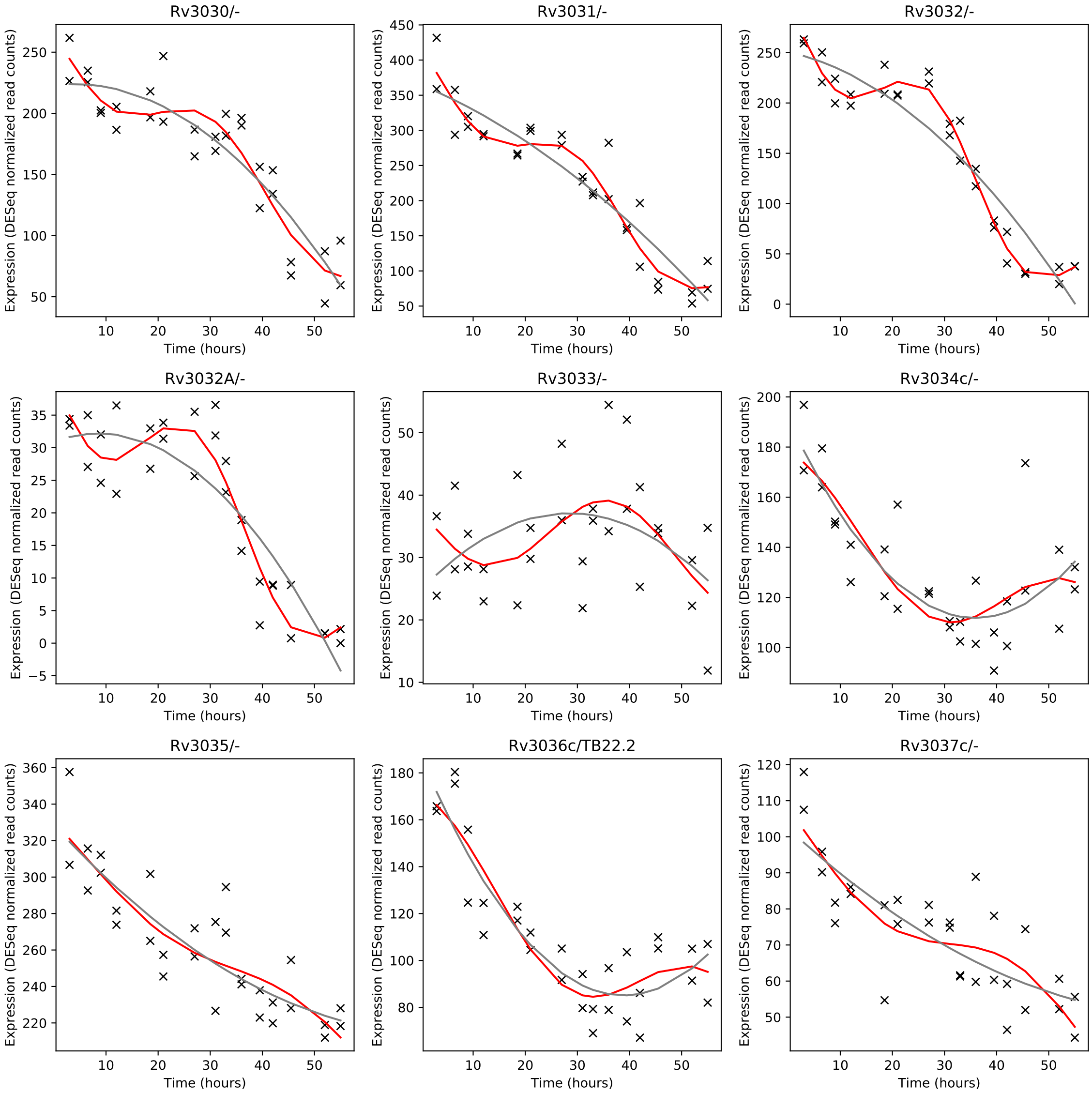

Rv3009c/gatB
Expression (DESeq normalized read counts)
Time (hours)

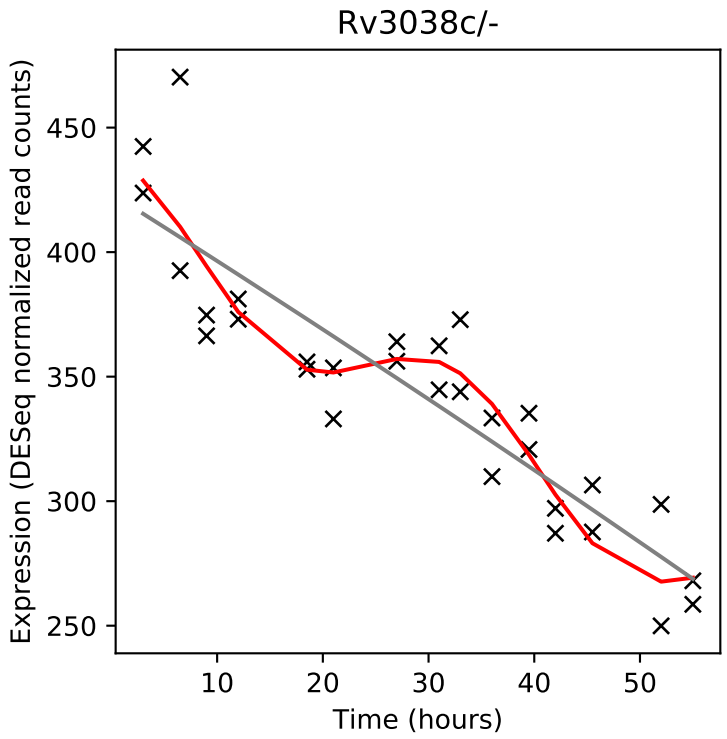

Rv3010c/pfkA
Expression (DESeq normalized read counts)
Time (hours)

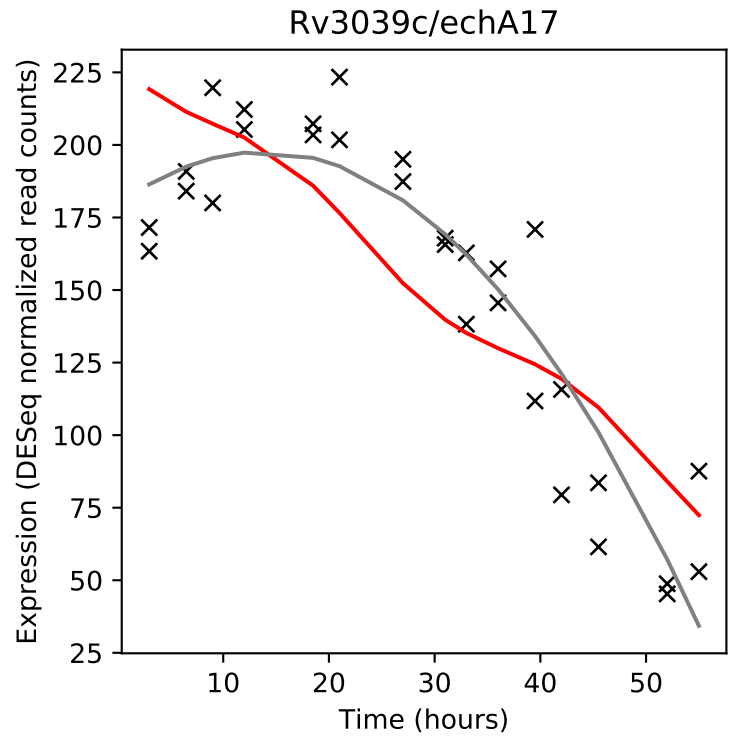

Rv3011c/gatA
Expression (DESeq normalized read counts)
Time (hours)

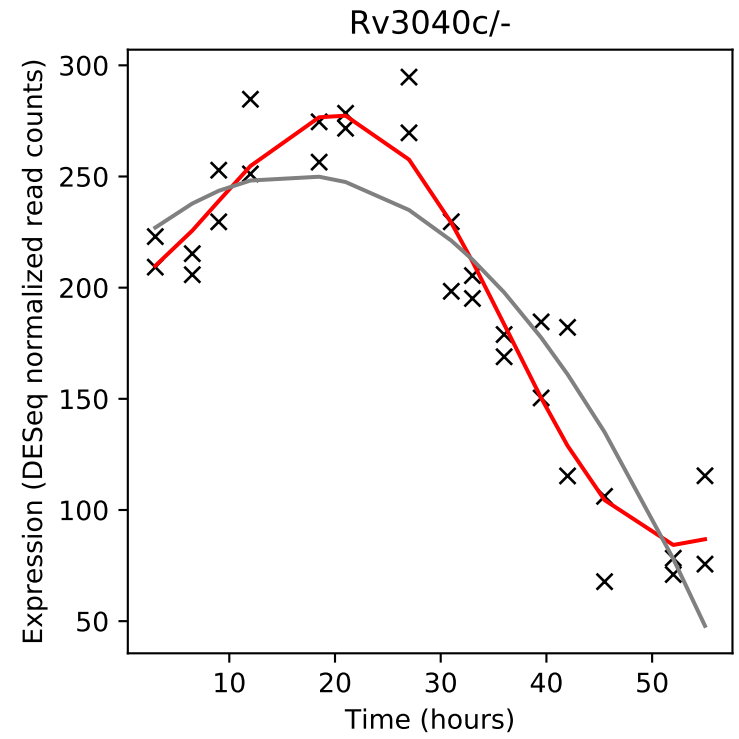

Rv3012c/gatC
Rv3013/-
Rv3014c/ligA
Rv3015c/-
Rv3016/lpqA
Rv3017c/esxQ
Rv3018c/PPE46
Rv3018A/PE27A
Rv3019c/esxR
Expression (DESeq normalized read counts)
Time (hours)

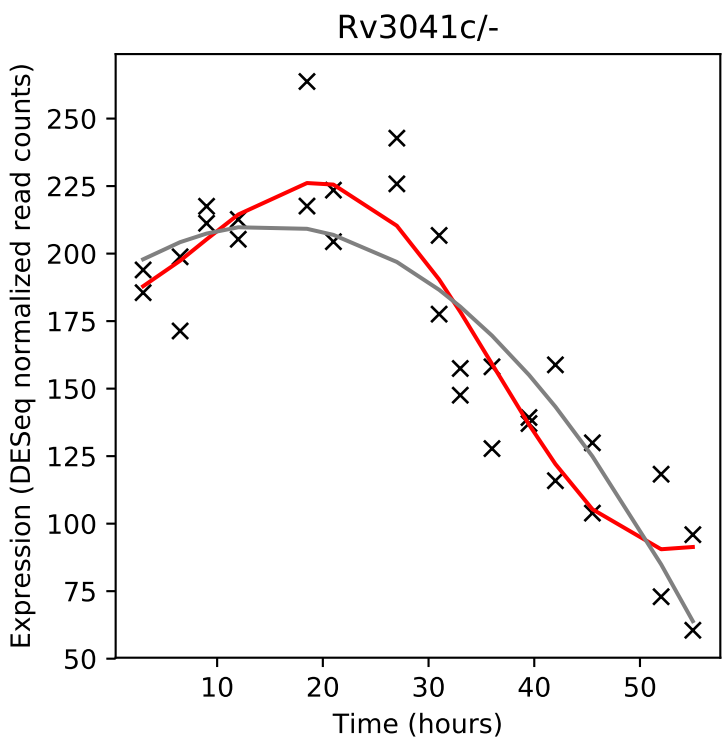

Rv3020c/esxS
Rv3022A/PE29
Rv3023c/-
Rv3024c/trmU
Rv3025c/iscS
Rv3026c/-
Rv3027c/-
Rv3028c/fixB
Rv3029c/fixA
Expression (DESeq normalized read counts)
Time (hours)

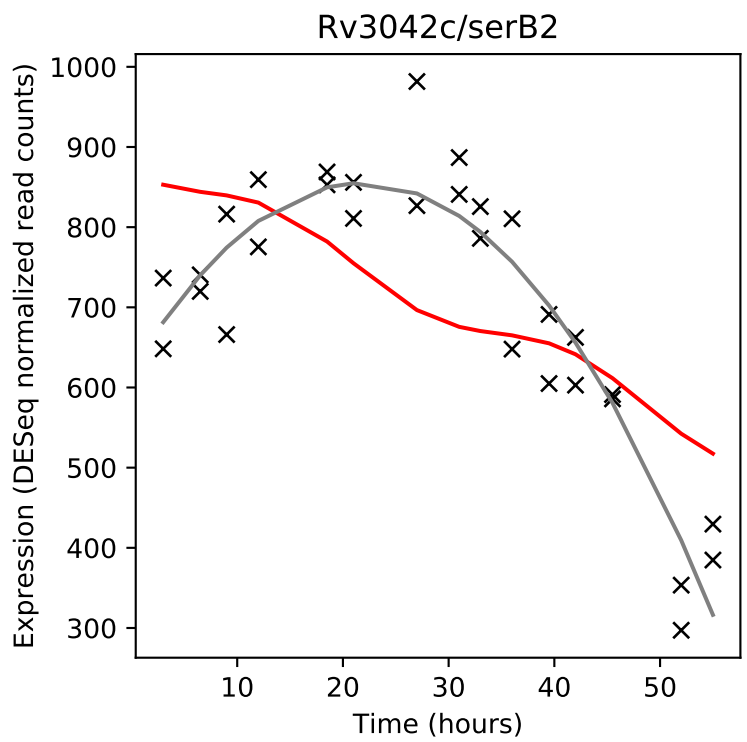

Rv3030/-
Rv3031/-
Rv3032/-
Rv3032A/-
Rv3033/-
Rv3034c/-
Rv3035/-
Rv3036c/TB22.2
Rv3037c/-
Expression (DESeq normalized read counts)
Time (hours)

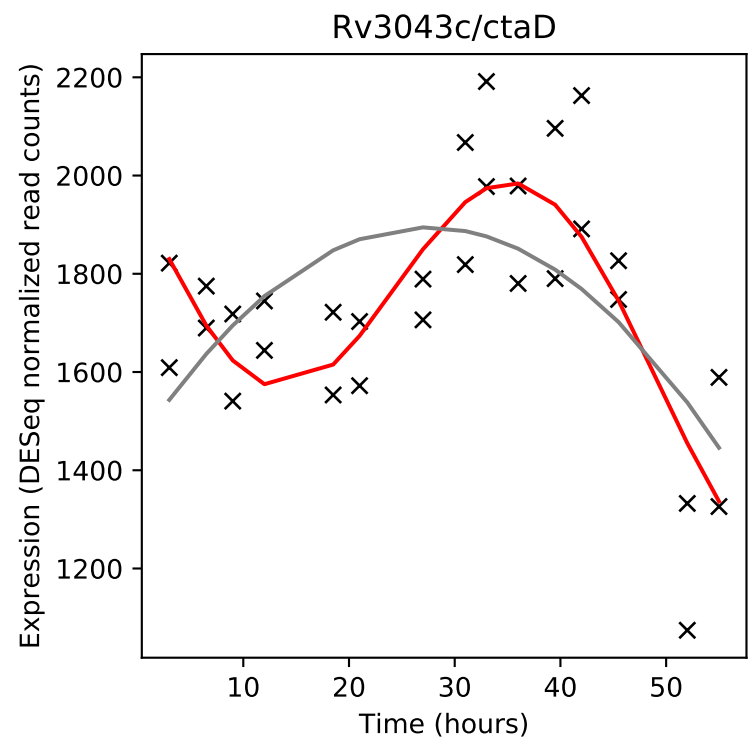

Rv3038c/-
Expression (DESeq normalized read counts)
Time (hours)

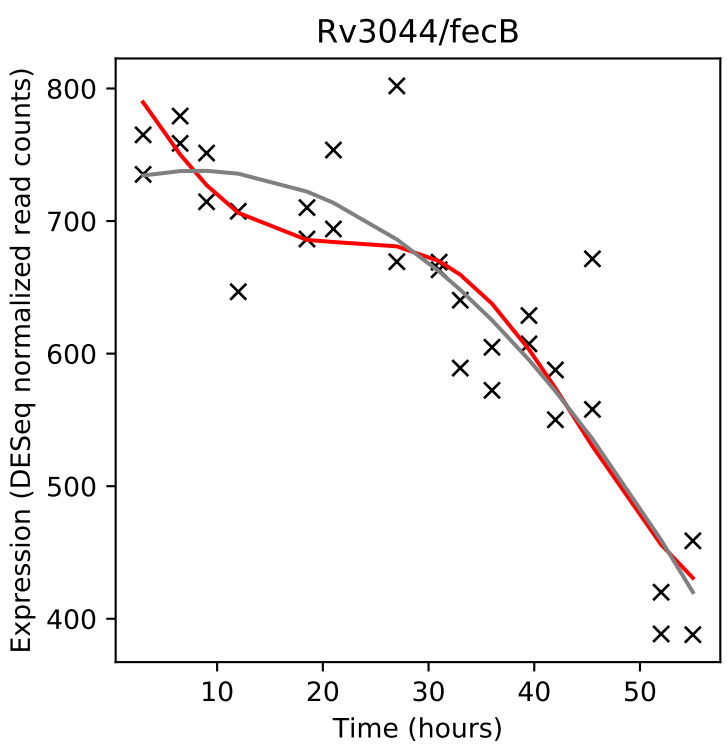

Rv3039c/echA17
Expression (DESeq normalized read counts)
Time (hours)

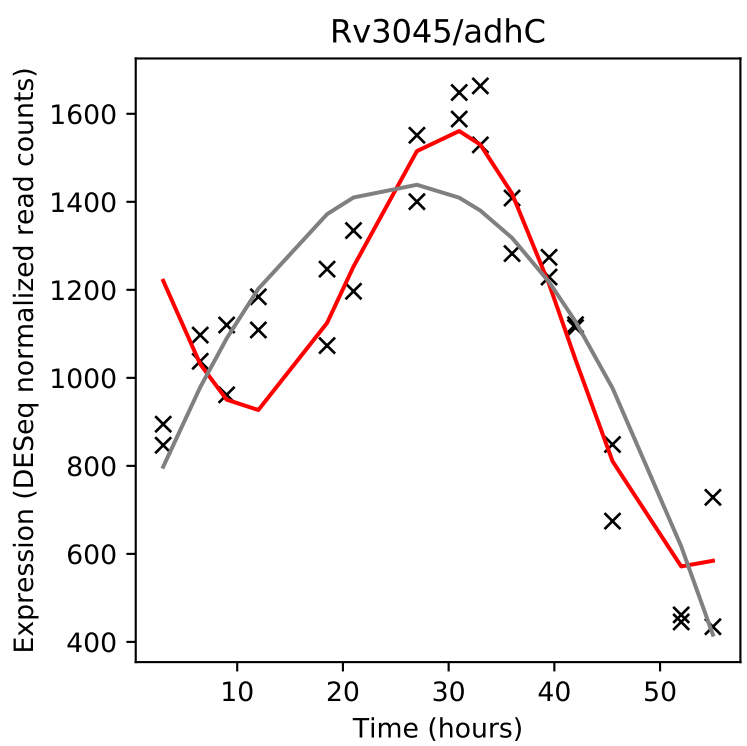

Rv3040c/-
Expression (DESeq normalized read counts)
Time (hours)

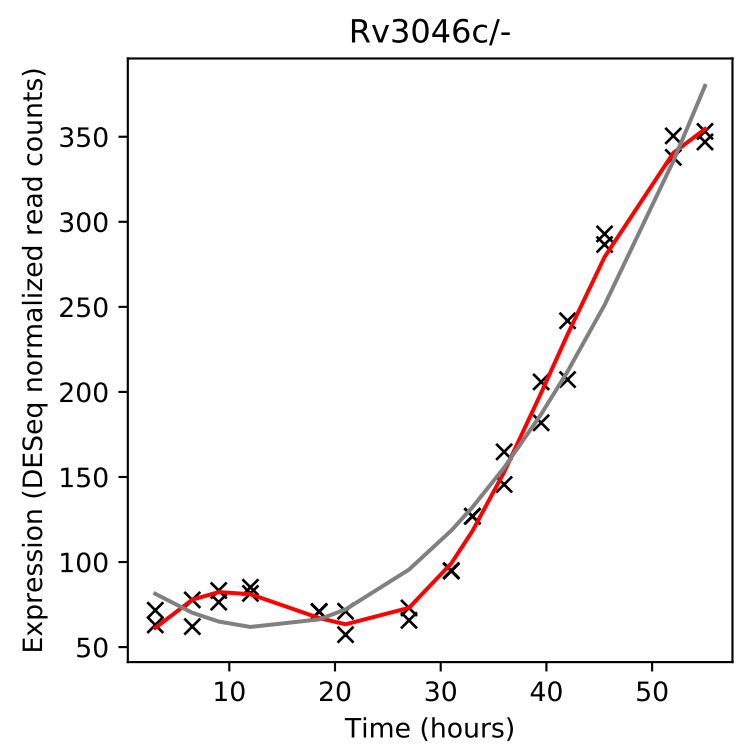

Rv3041c/-
Expression (DESeq normalized read counts)
Time (hours)

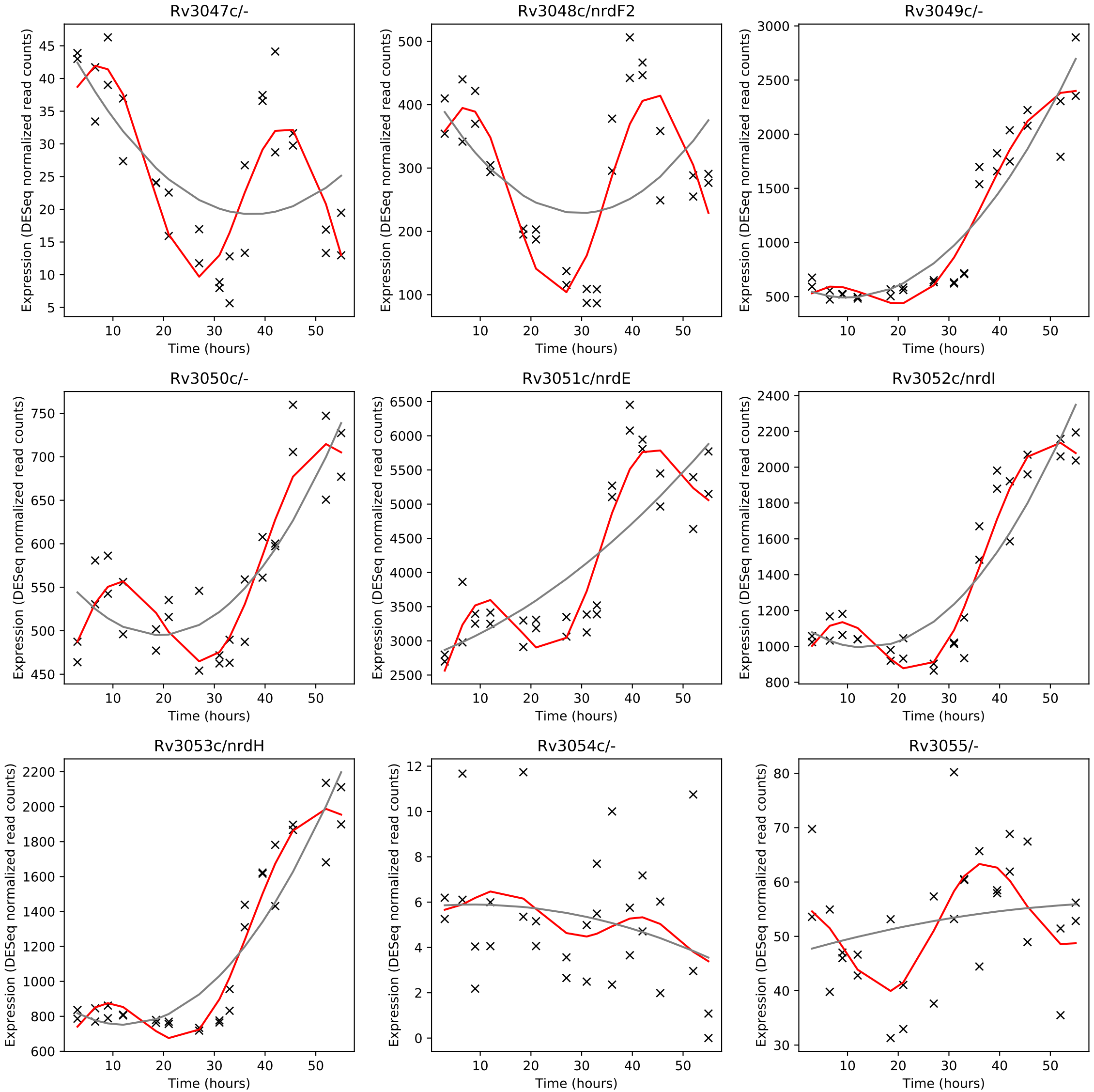

Rv3042c/serB2
Expression (DESeq normalized read counts)
Time (hours)

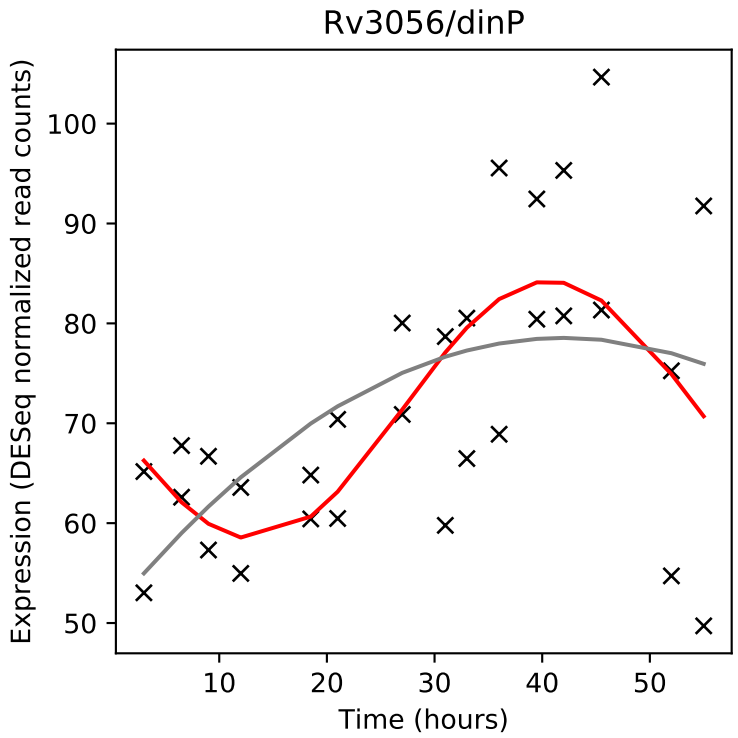

Rv3043c/ctaD
Expression (DESeq normalized read counts)
Time (hours)

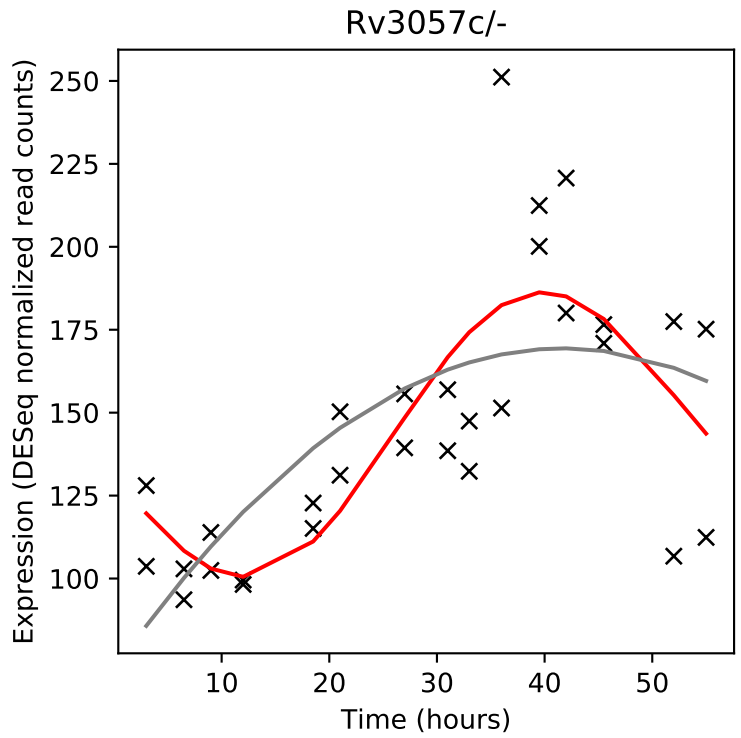

Rv3044/fecB
Expression (DESeq normalized read counts)
Time (hours)

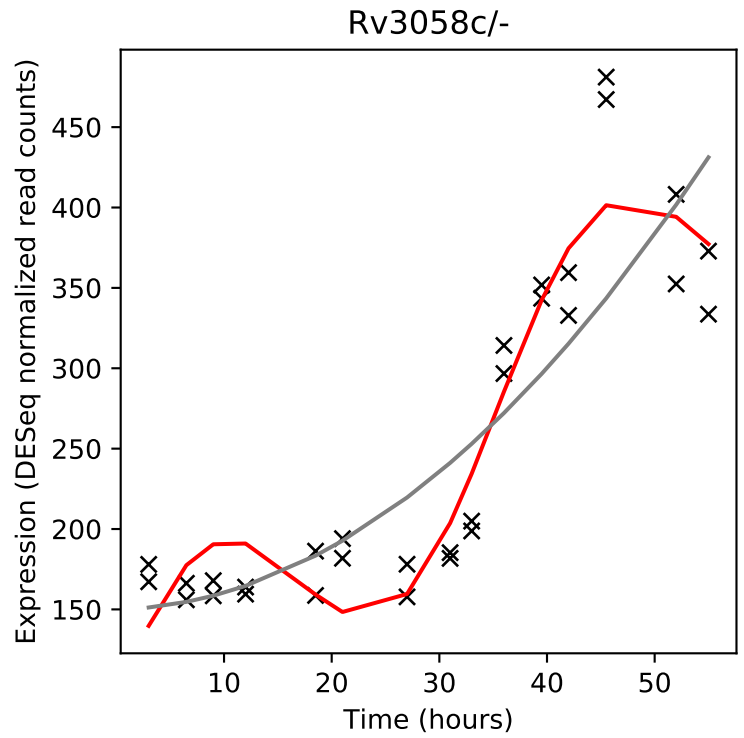

Rv3045/adhC
Expression (DESeq normalized read counts)
Time (hours)

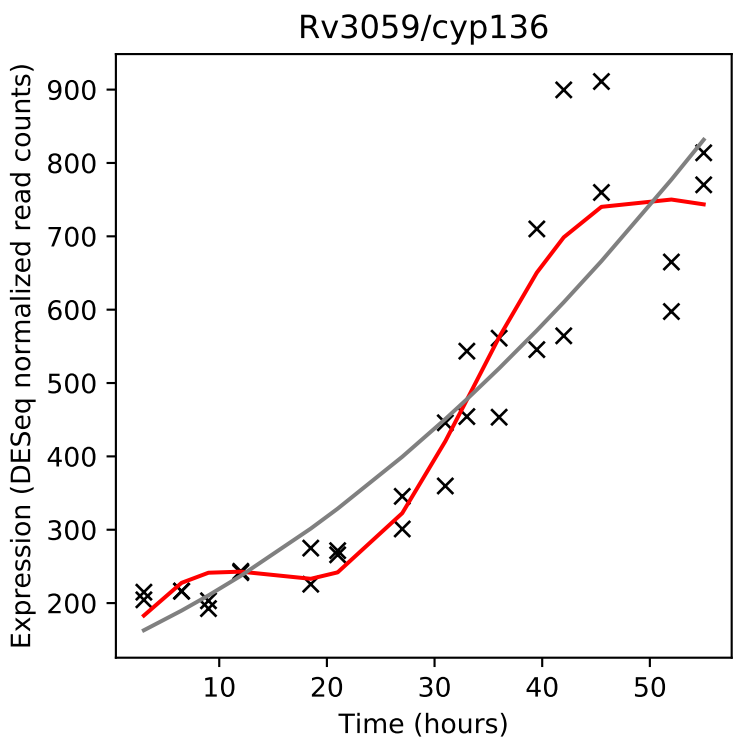

Rv3046c/-
Expression (DESeq normalized read counts)
Time (hours)

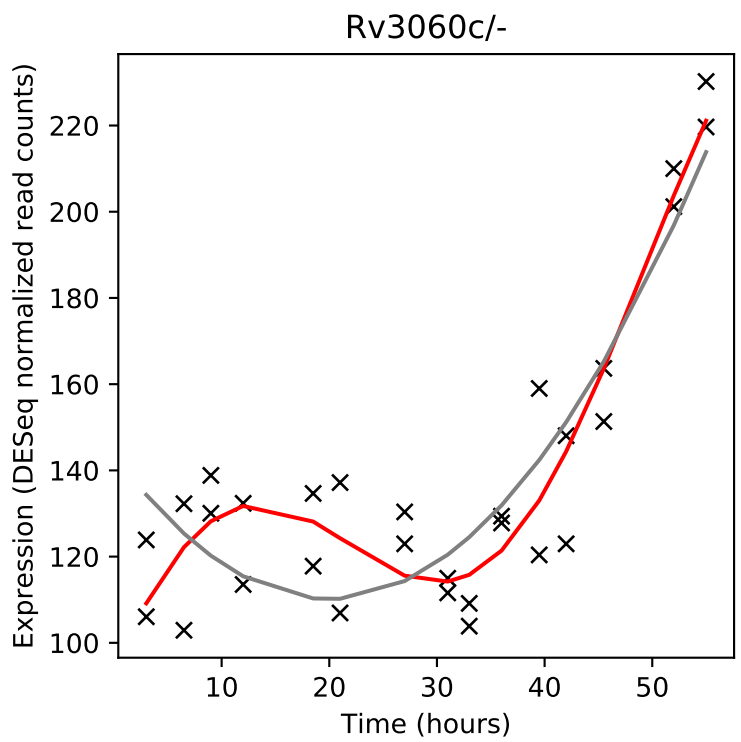

Rv3047c/-
Rv3048c/nrdF2
Rv3049c/-
Rv3050c/-
Rv3051c/nrdE
Rv3052c/nrdI
Rv3053c/nrdH
Rv3054c/-
Rv3055/-
Expression (DESeq normalized read counts)
Time (hours)

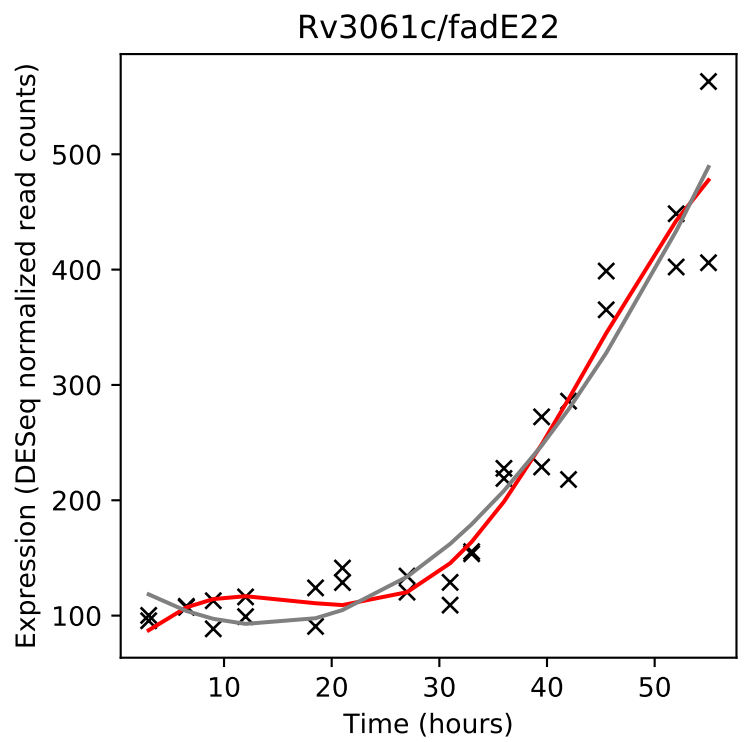

Rv3056/dinP
Expression (DESeq normalized read counts)
Time (hours)

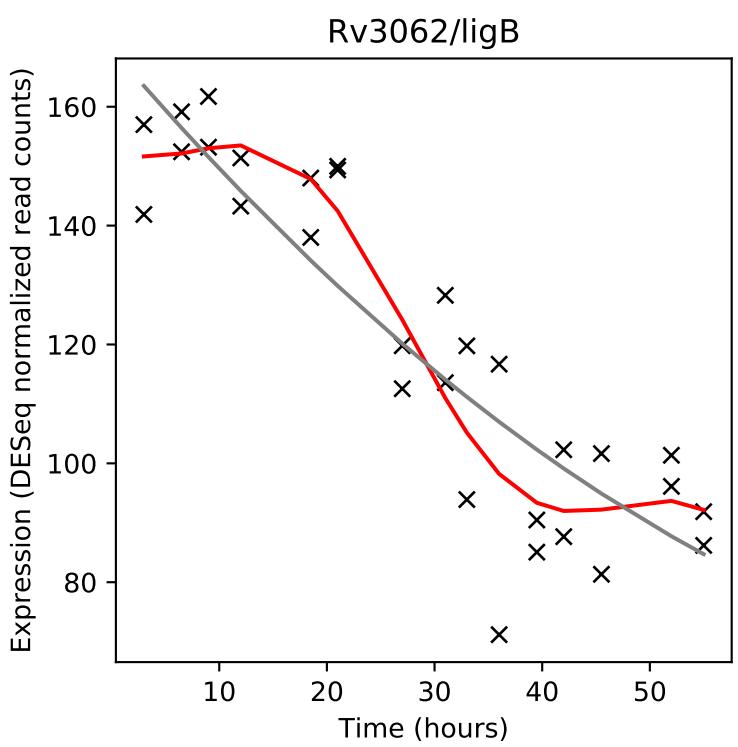

Rv3057c/-
Expression (DESeq normalized read counts)
Time (hours)

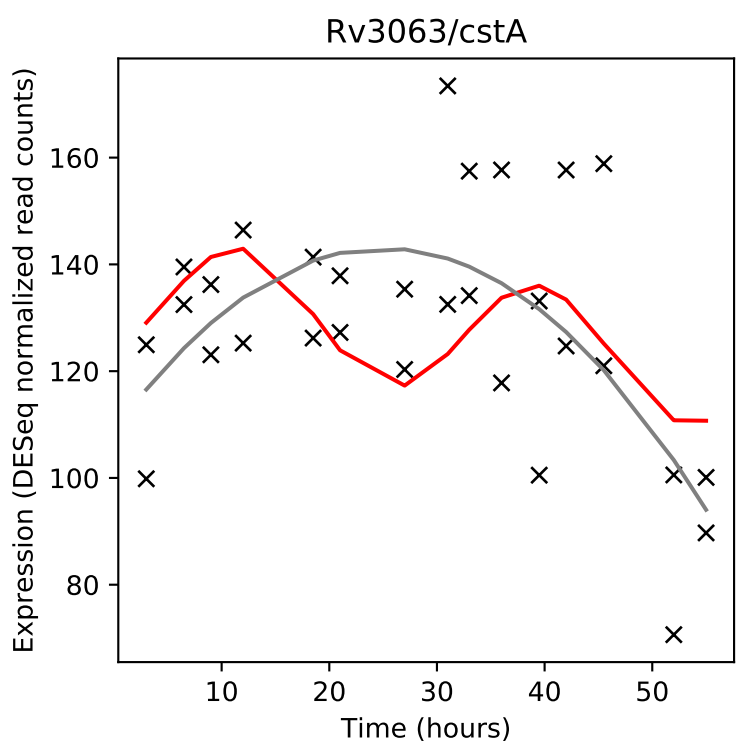

Rv3058c/-
Expression (DESeq normalized read counts)
Time (hours)

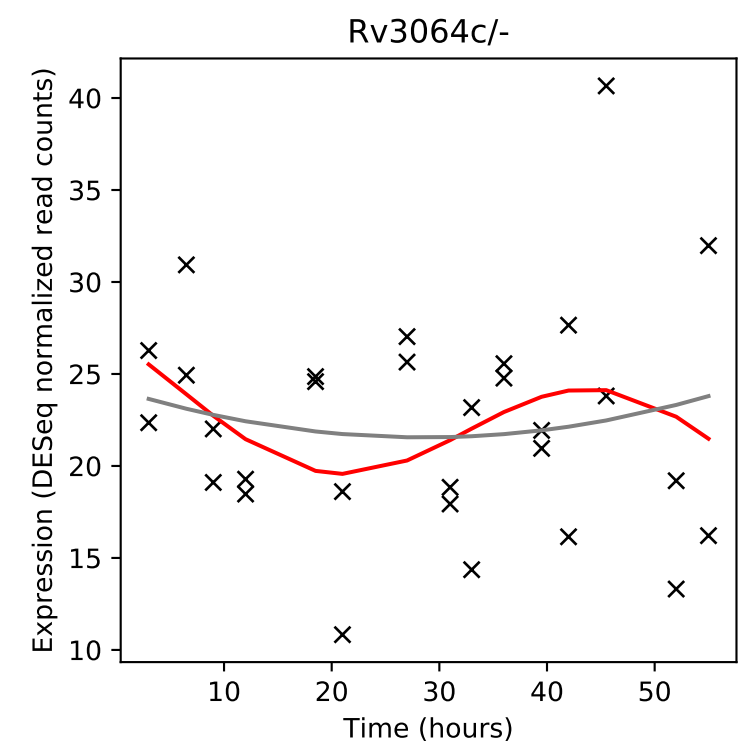

Rv3059/cyp136
Expression (DESeq normalized read counts)
Time (hours)

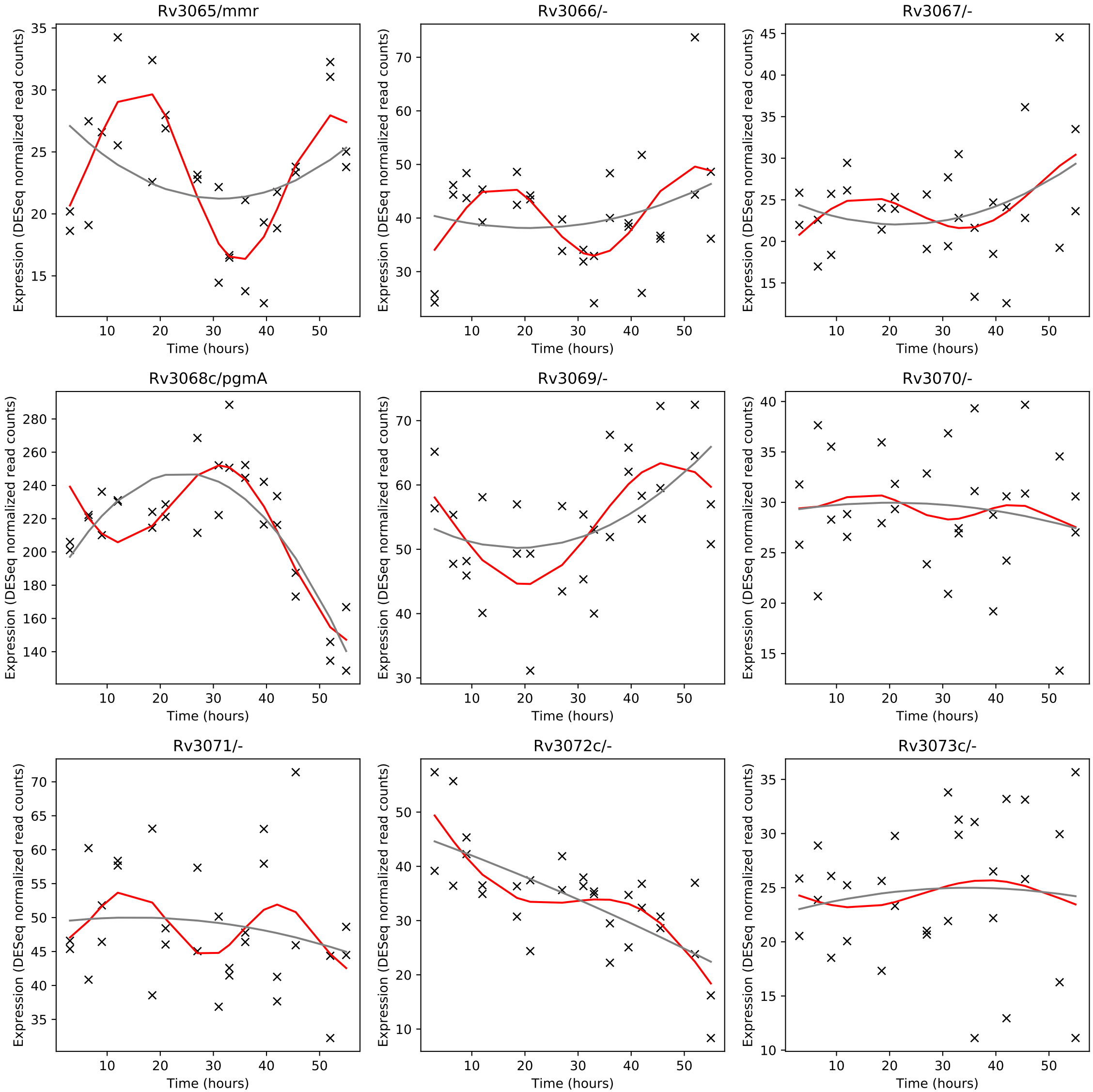

Rv3060c/-
Expression (DESeq normalized read counts)
Time (hours)

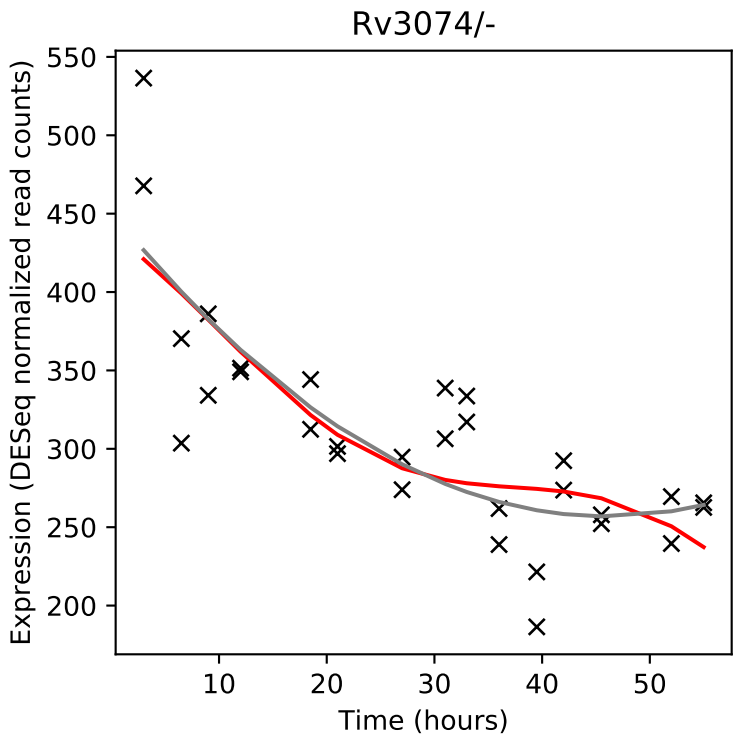

Rv3061c/fadE22
Expression (DESeq normalized read counts)
Time (hours)

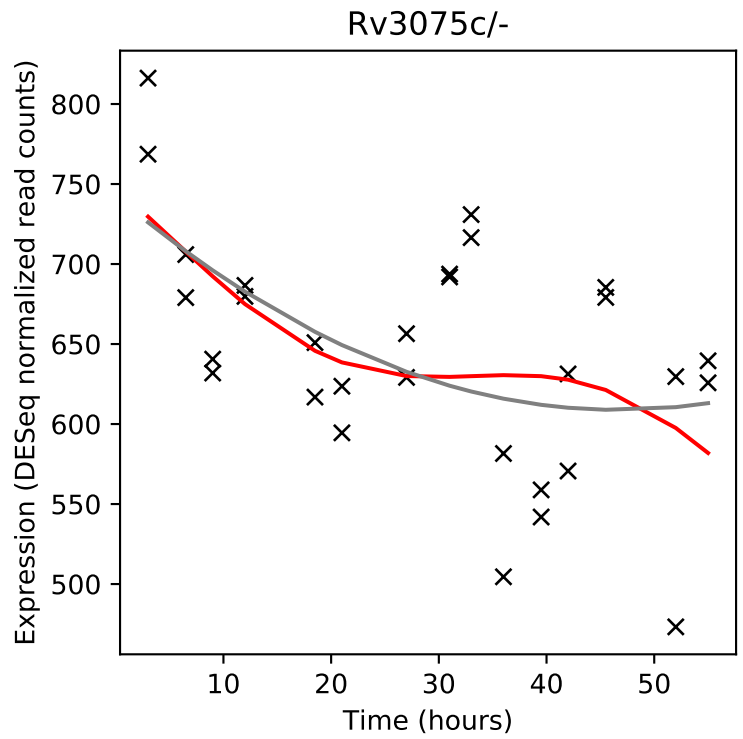

Rv3062/ligB
Expression (DESeq normalized read counts)
Time (hours)

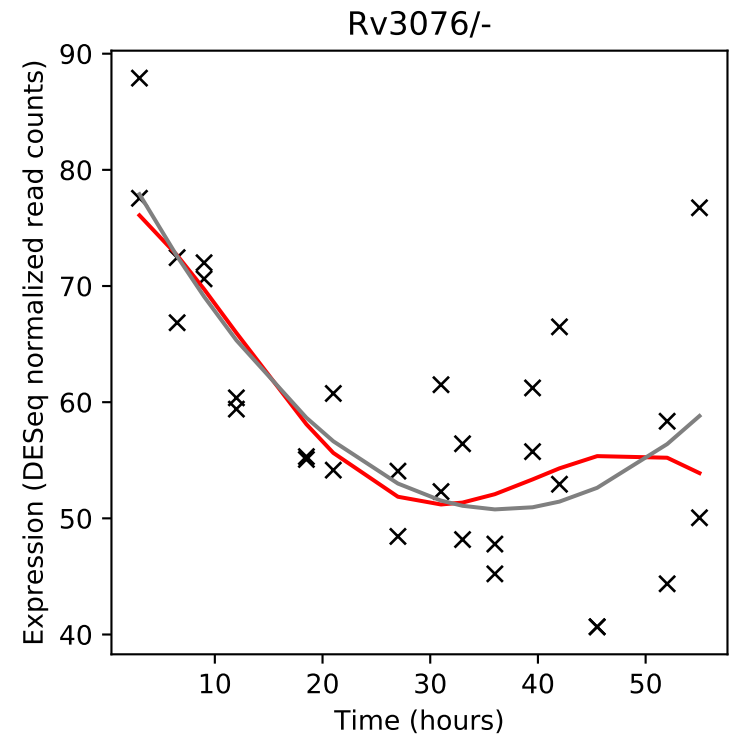

Rv3063/cstA
Expression (DESeq normalized read counts)
Time (hours)

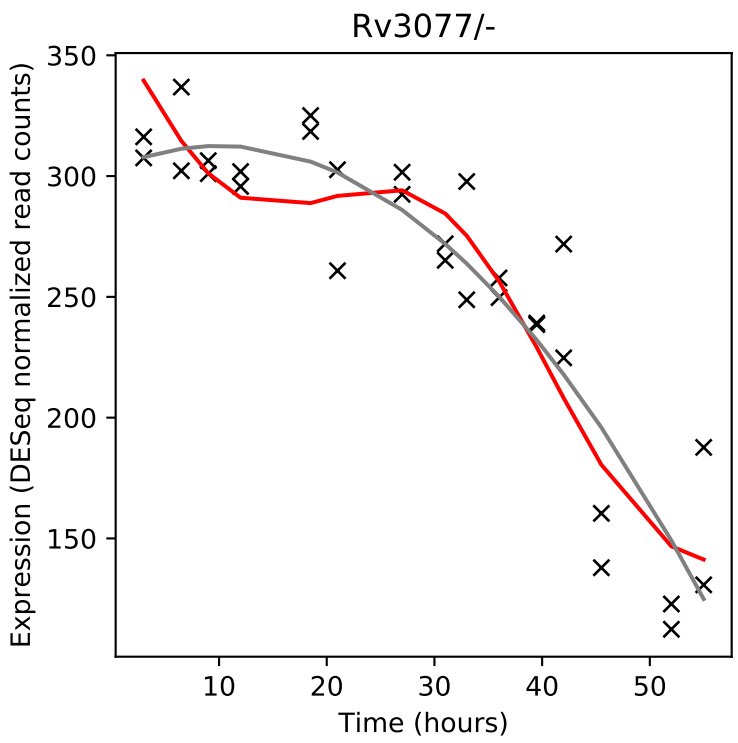

Rv3064c/-
Expression (DESeq normalized read counts)
Time (hours)

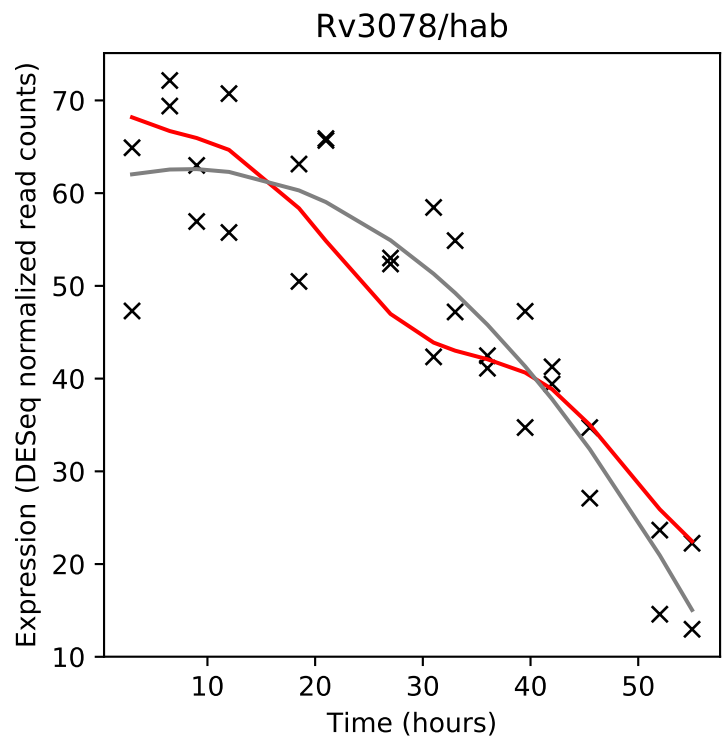

Rv3065/mmr
Rv3066/-
Rv3067/-
Rv3068c/pgmA
Rv3069/-
Rv3070/-
Rv3071/-
Rv3072c/-
Rv3073c/-
Expression (DESeq normalized read counts)
Time (hours)

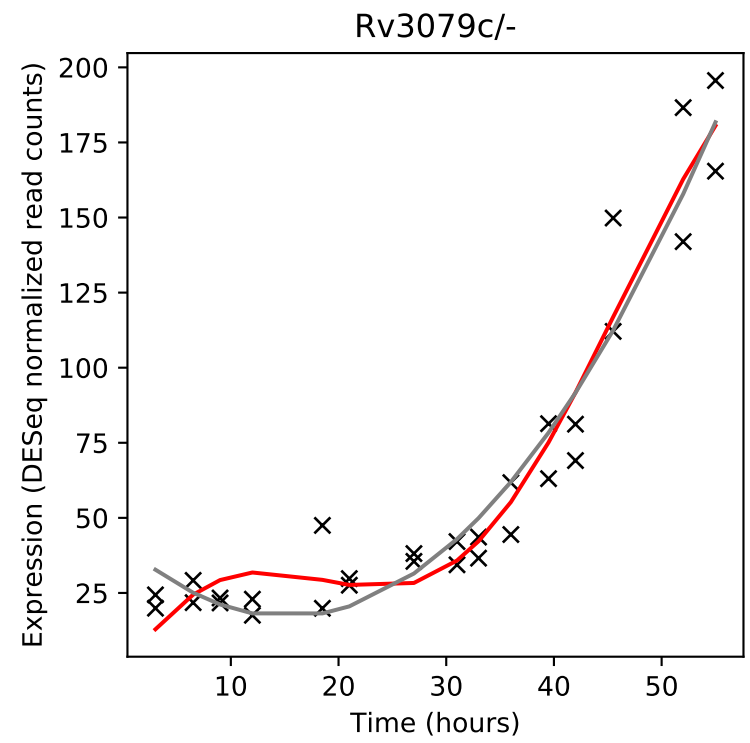

Rv3074/-
Expression (DESeq normalized read counts)
Time (hours)

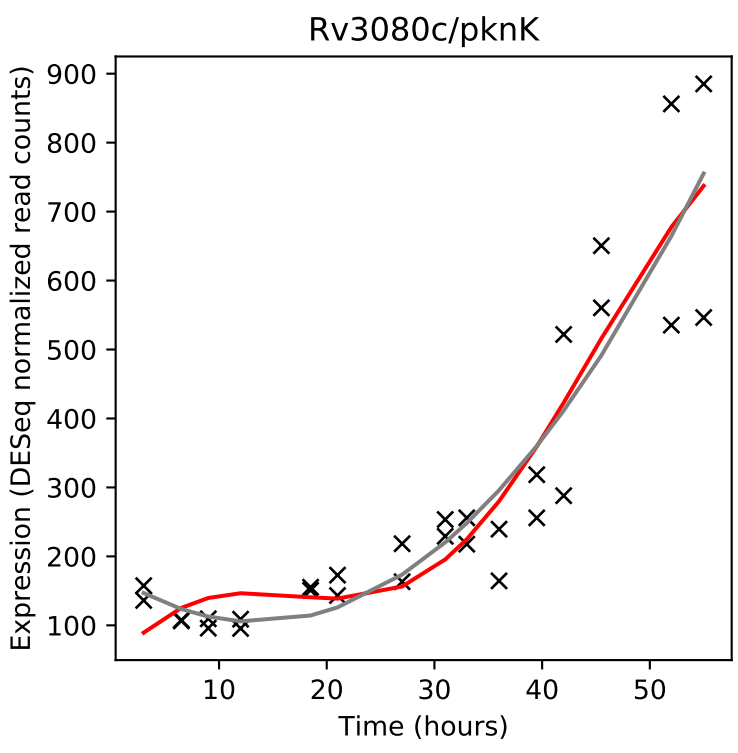

Rv3075c/-
Expression (DESeq normalized read counts)
Time (hours)

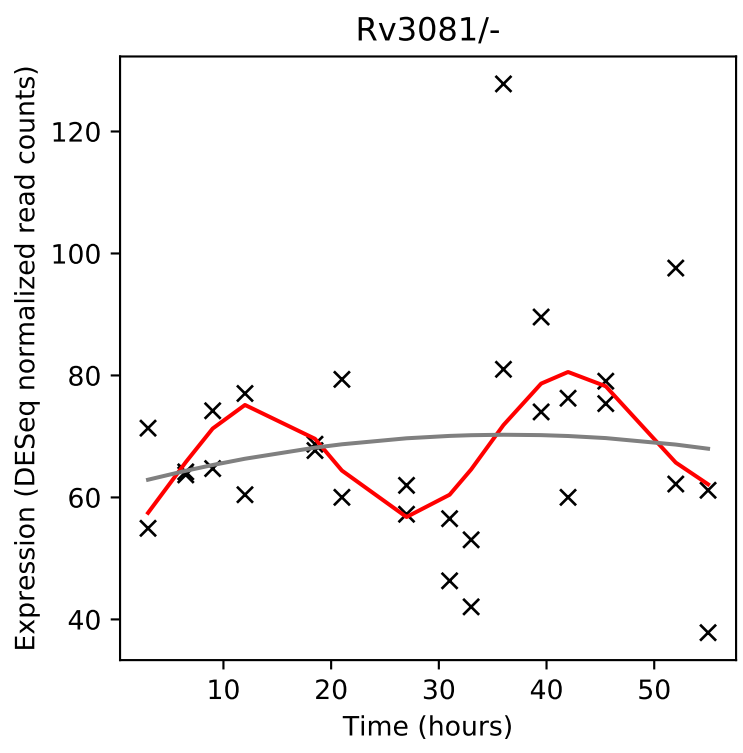

Rv3076/-
Expression (DESeq normalized read counts)
Time (hours)

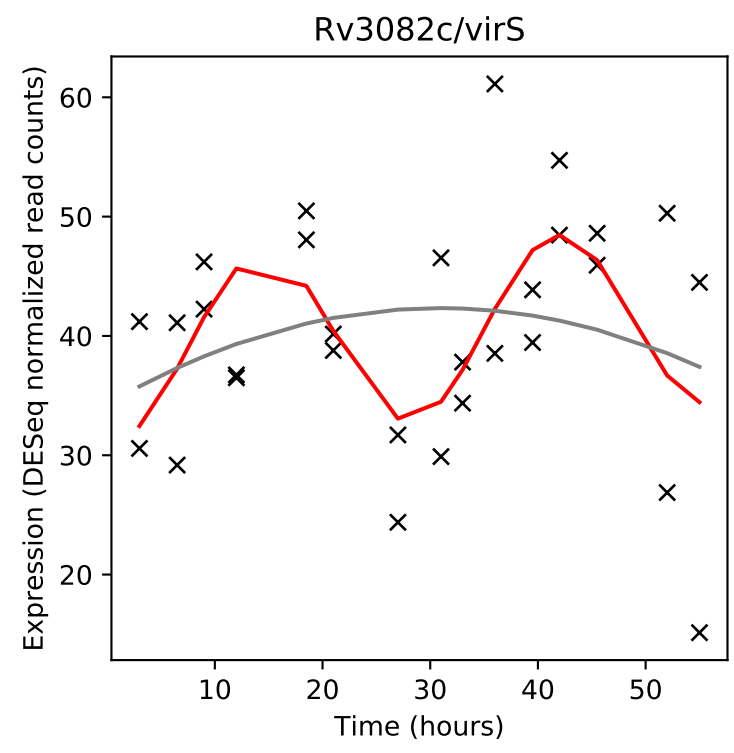

Rv3077/-
Expression (DESeq normalized read counts)
Time (hours)

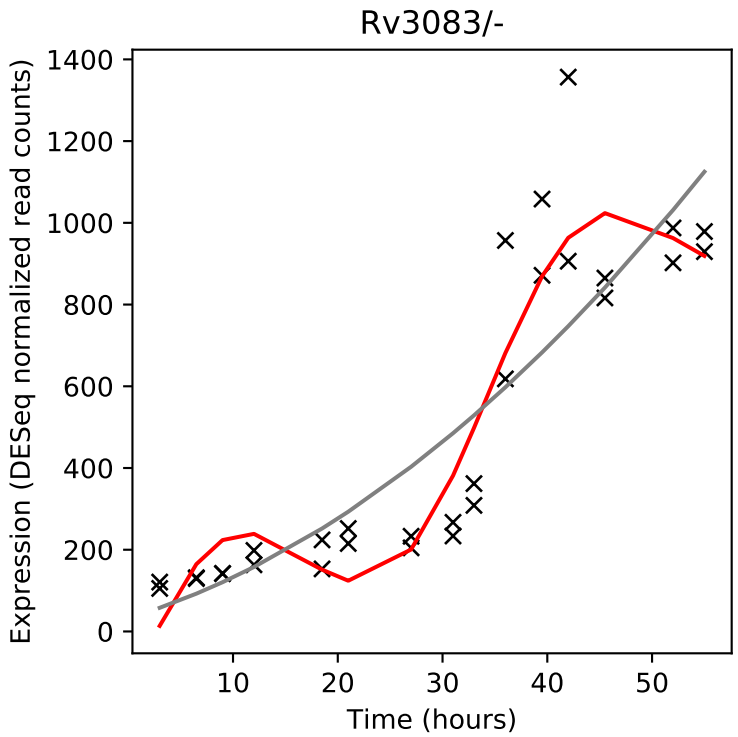

Rv3078/hab
Expression (DESeq normalized read counts)
Time (hours)

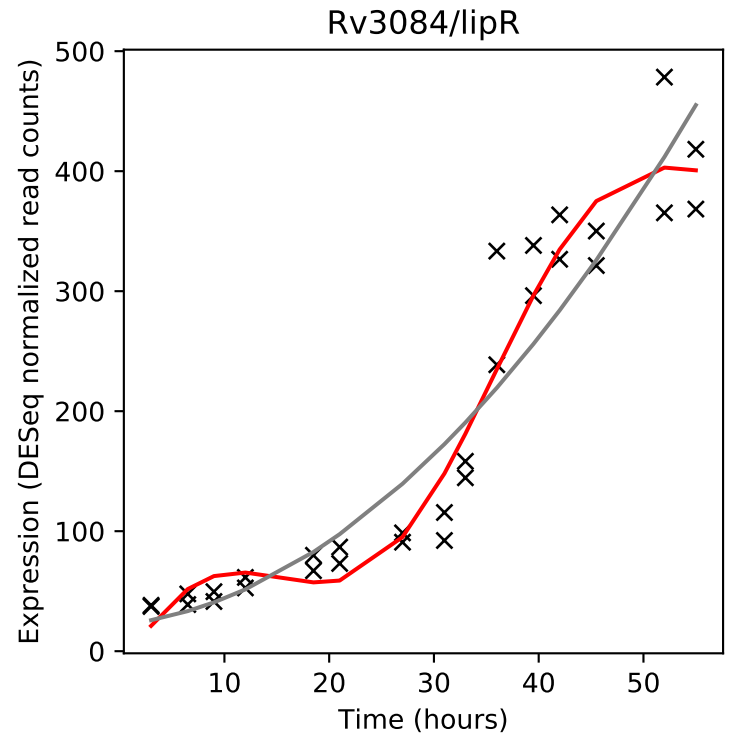

Rv3079c/-
Expression (DESeq normalized read counts)
Time (hours)

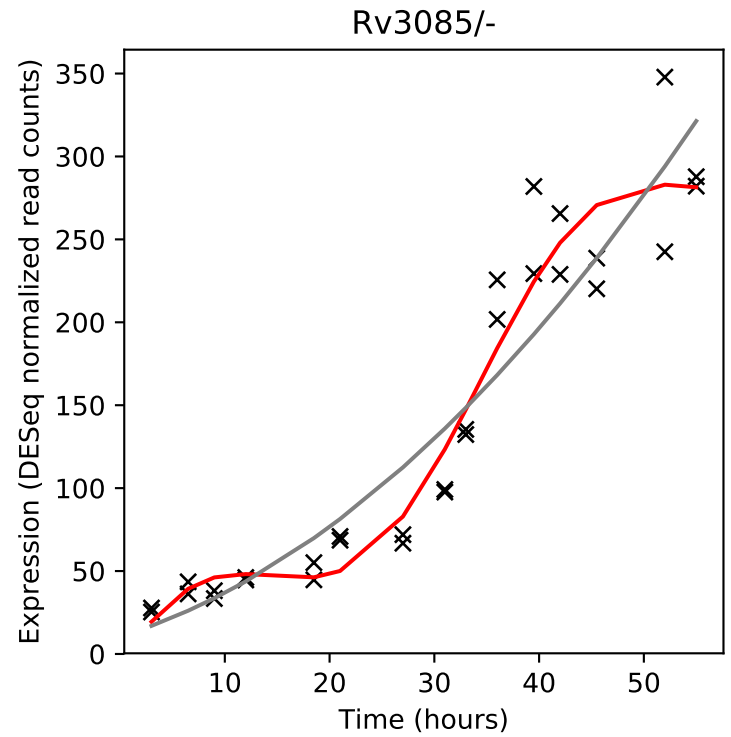

Rv3080c/pknK
Expression (DESeq normalized read counts)
Time (hours)

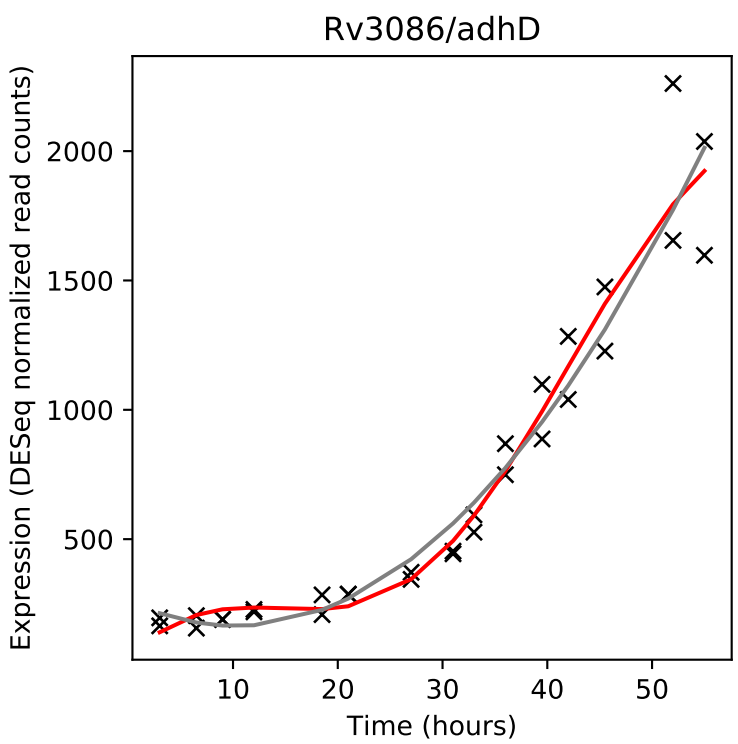

Rv3081/-
Expression (DESeq normalized read counts)
Time (hours)

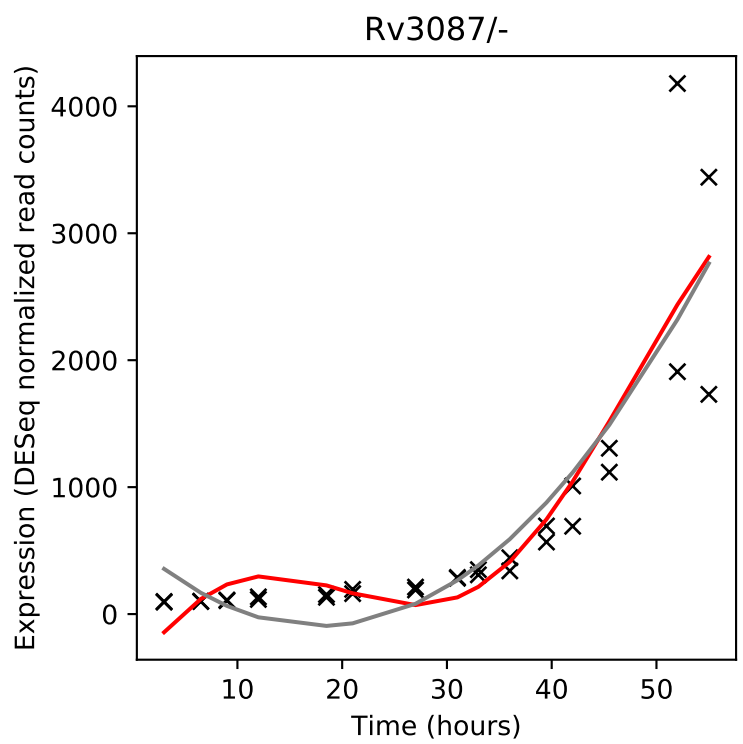

Rv3082c/virS
Expression (DESeq normalized read counts)
Time (hours)

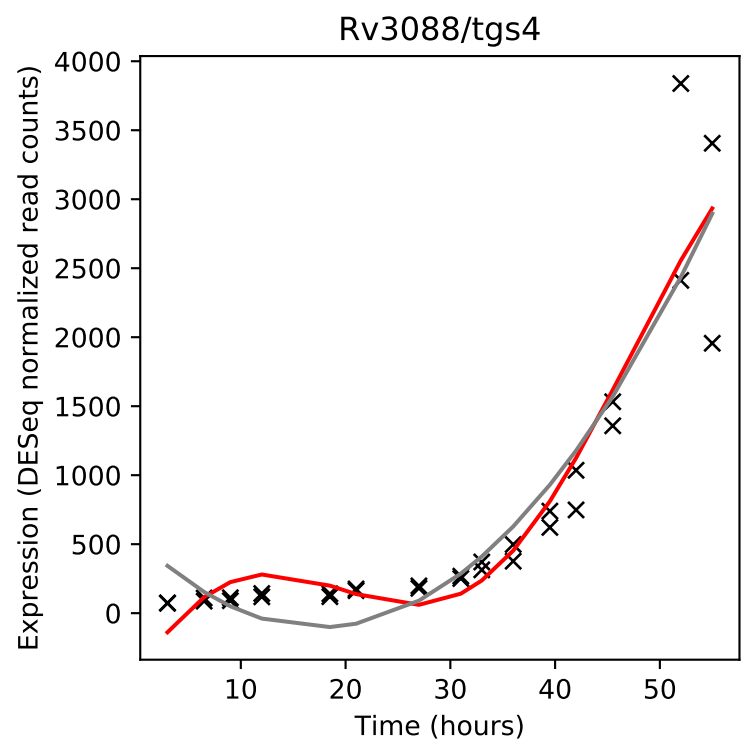

Rv3083/-
Expression (DESeq normalized read counts)
Time (hours)

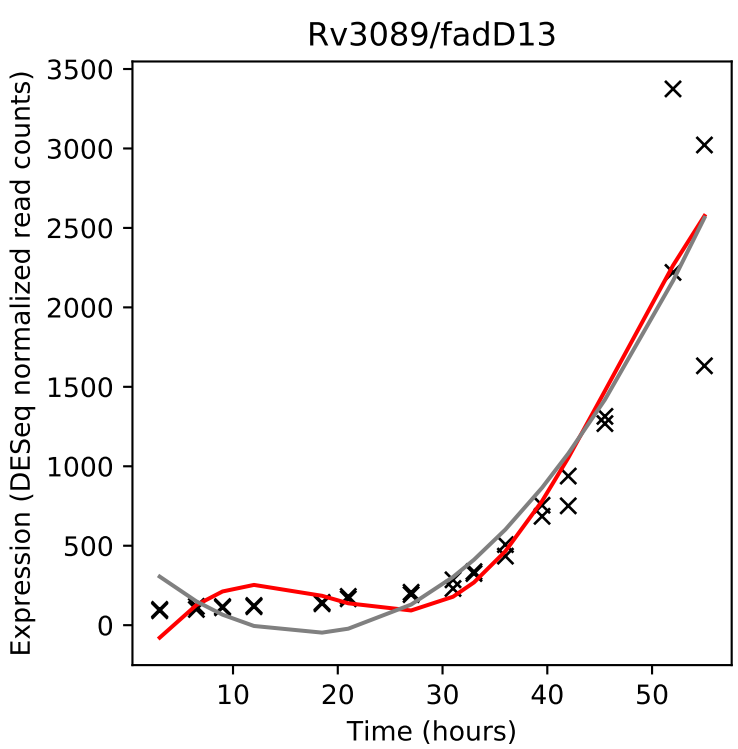

Rv3084/lipR
Expression (DESeq normalized read counts)
Time (hours)

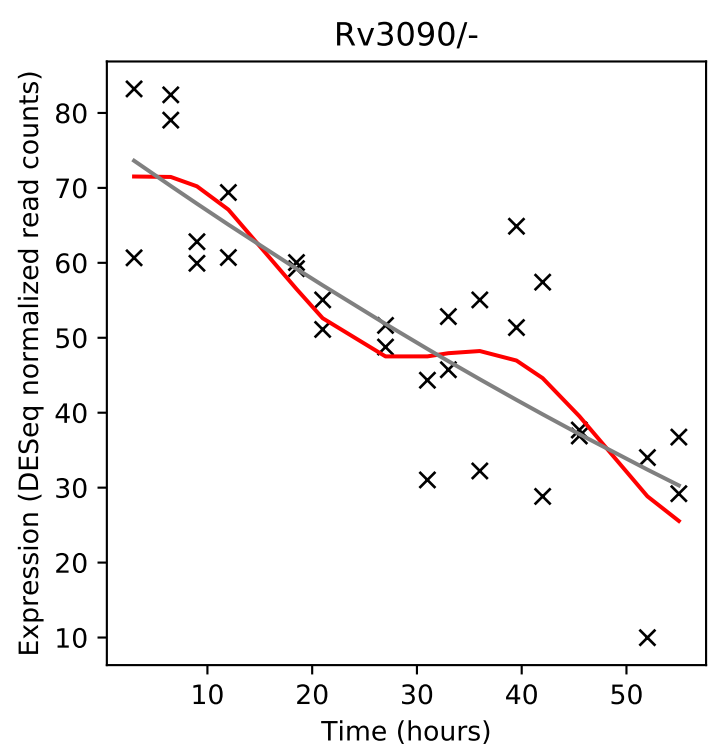

Rv3085/-
Expression (DESeq normalized read counts)
Time (hours)

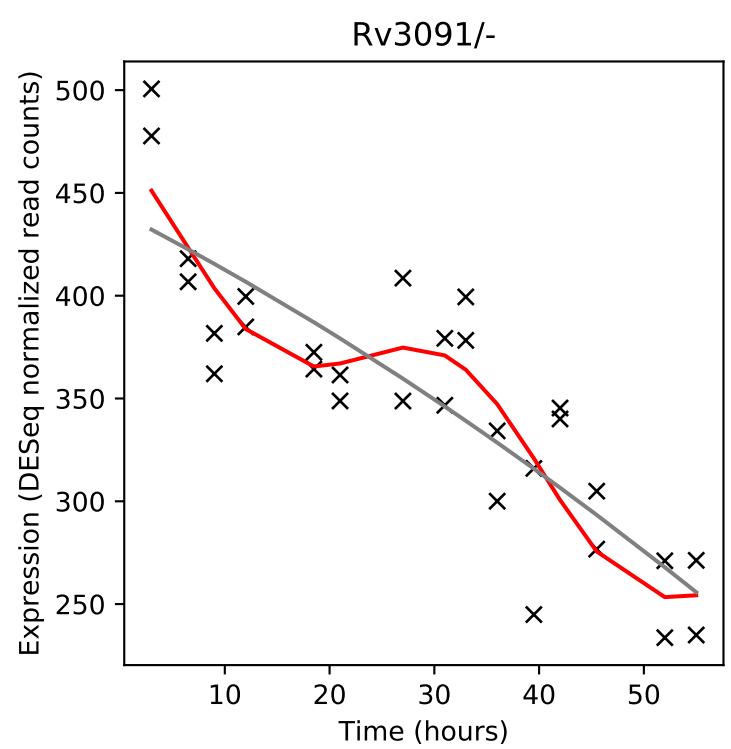

Rv3086/adhD
Expression (DESeq normalized read counts)
Time (hours)

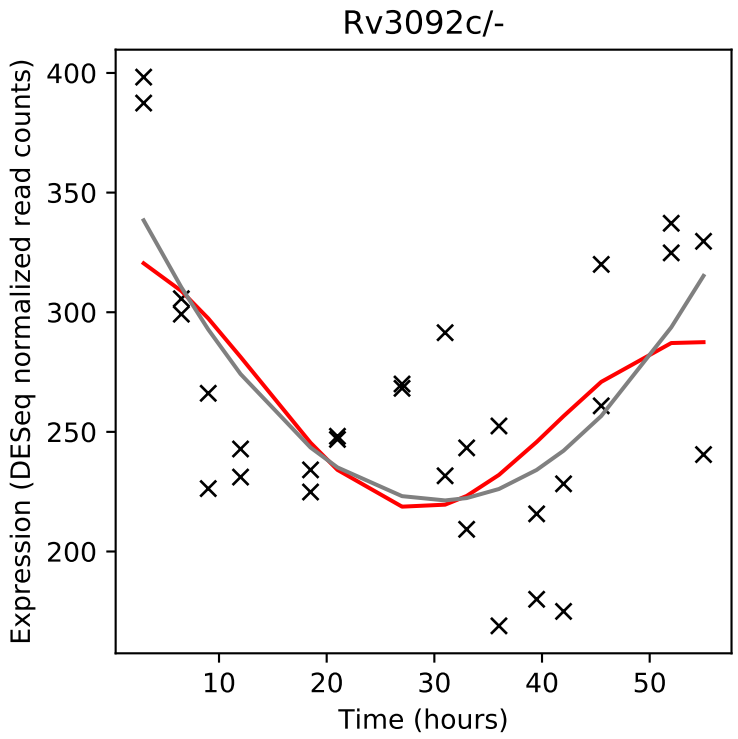

Rv3087/-
Expression (DESeq normalized read counts)
Time (hours)

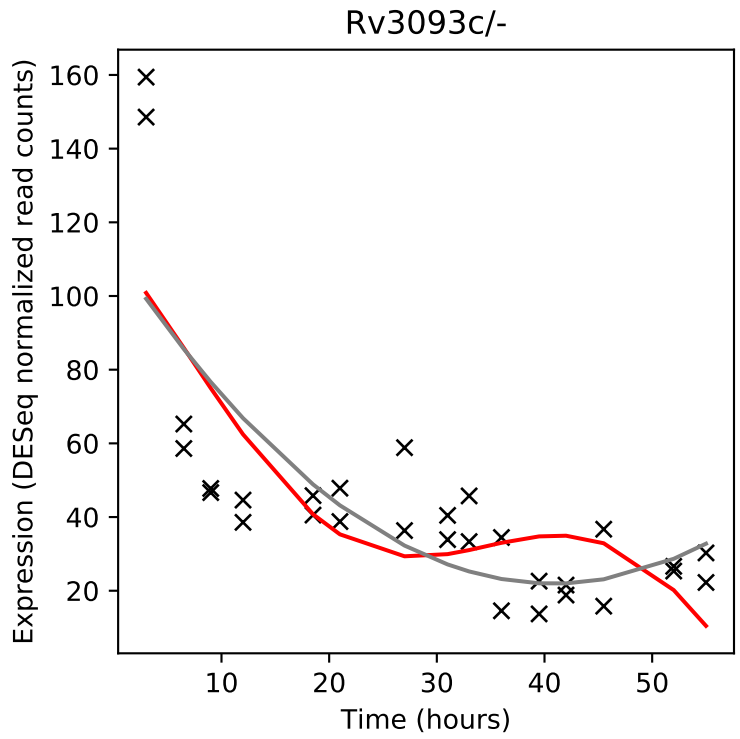

Rv3088/tgs4
Expression (DESeq normalized read counts)
Time (hours)

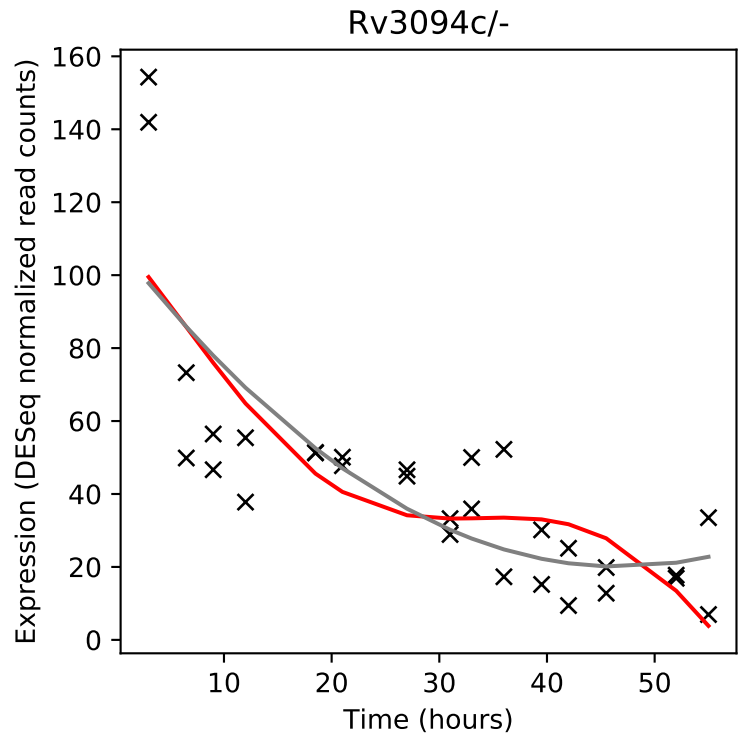

Rv3089/fadD13
Expression (DESeq normalized read counts)
Time (hours)

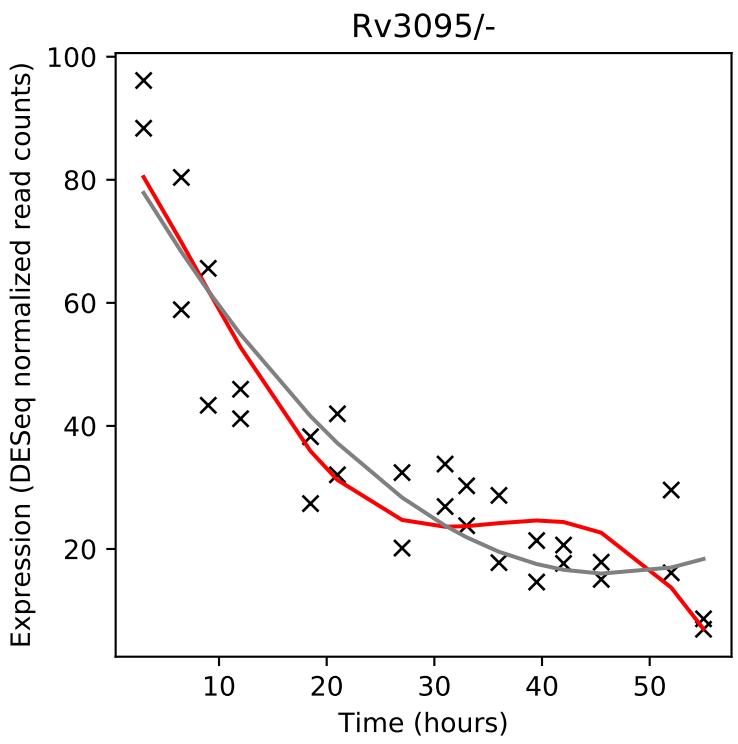

Rv3090/-
Expression (DESeq normalized read counts)
Time (hours)

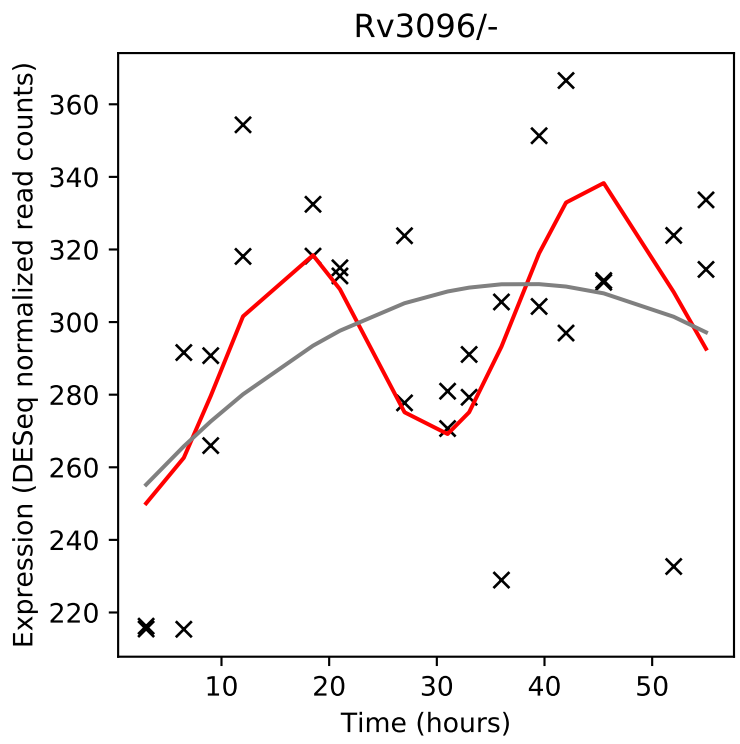

Rv3091/-
Expression (DESeq normalized read counts)
Time (hours)

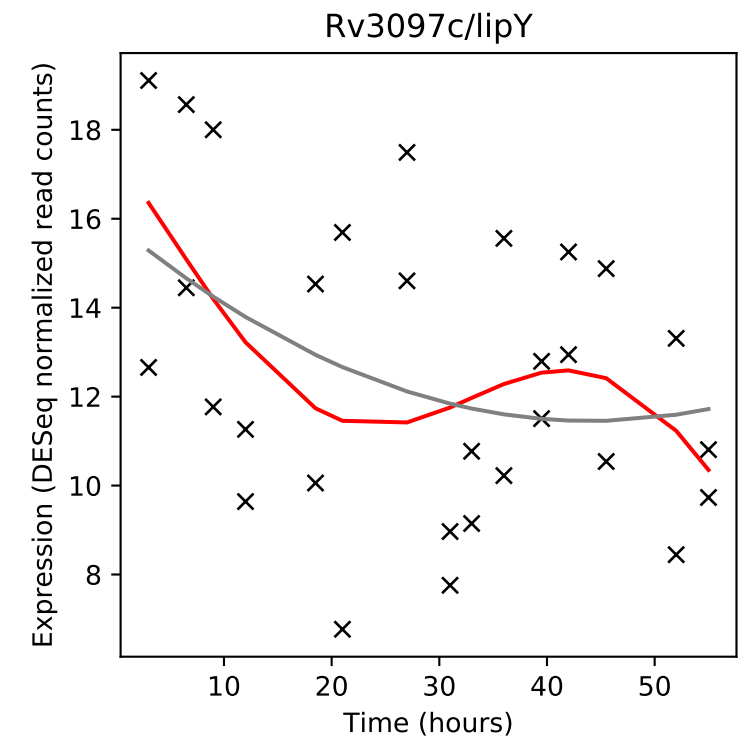

Rv3092c/-
Expression (DESeq normalized read counts)
Time (hours)

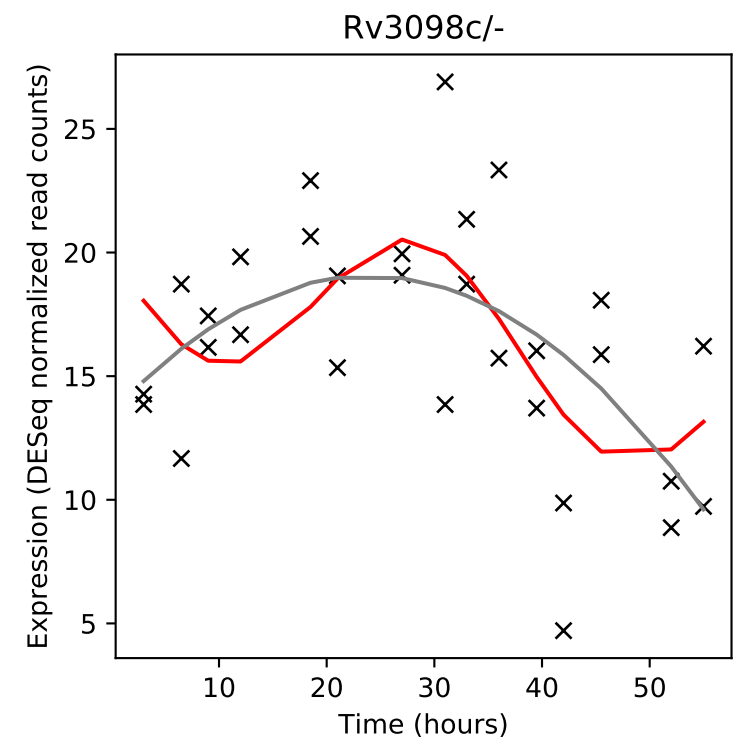

Rv3093c/-
Expression (DESeq normalized read counts)
Time (hours)

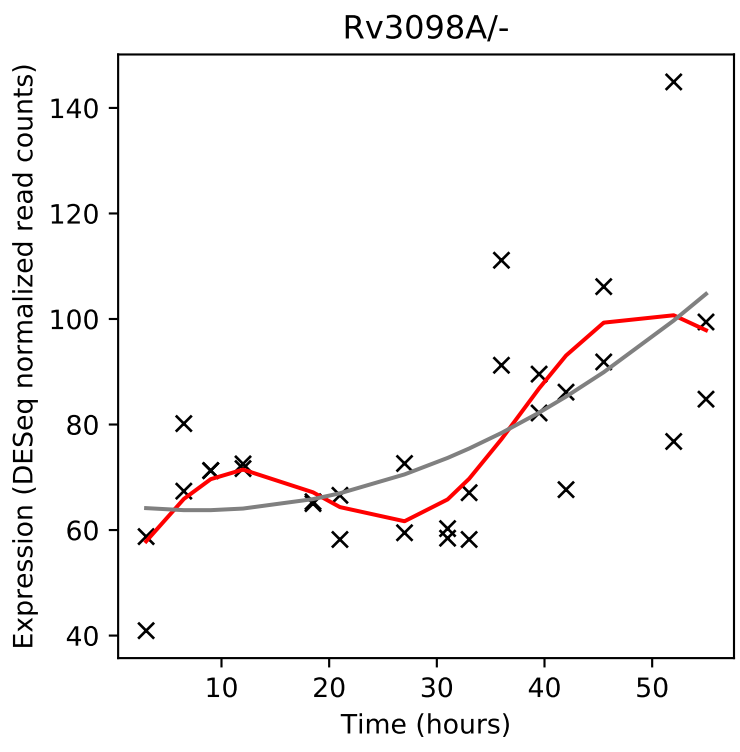

Rv3094c/-
Expression (DESeq normalized read counts)
Time (hours)

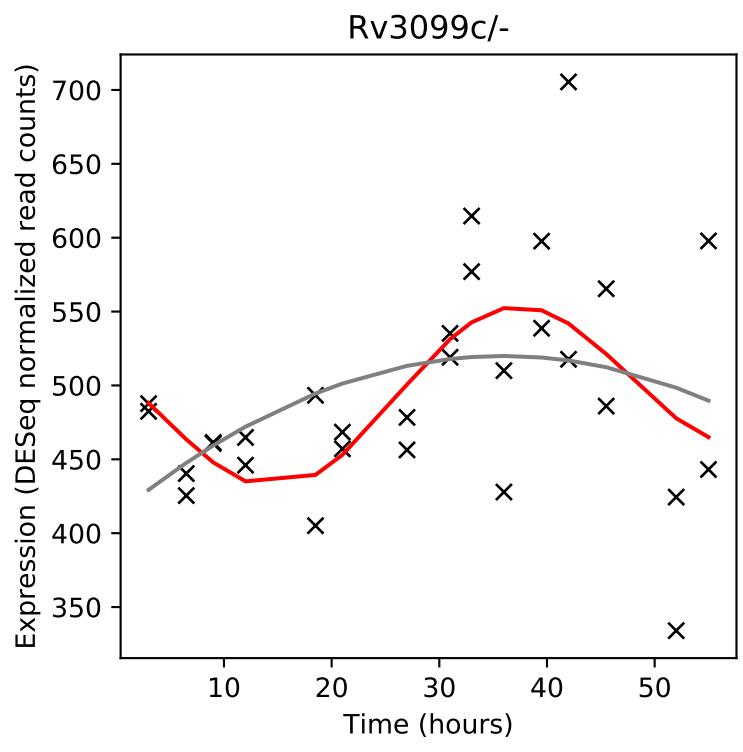

Rv3095/-
Expression (DESeq normalized read counts)
Time (hours)

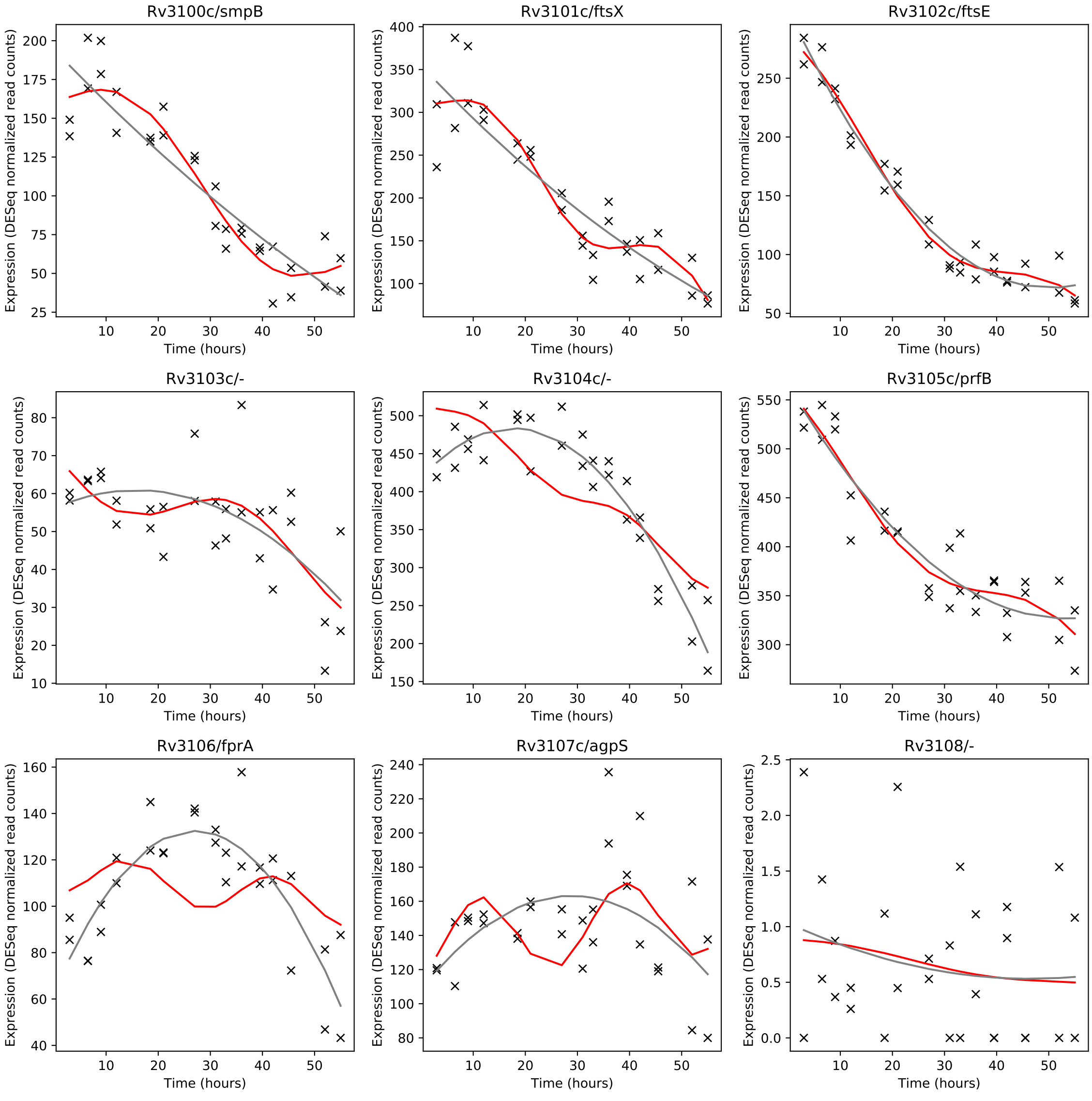

Rv3096/-
Expression (DESeq normalized read counts)
Time (hours)

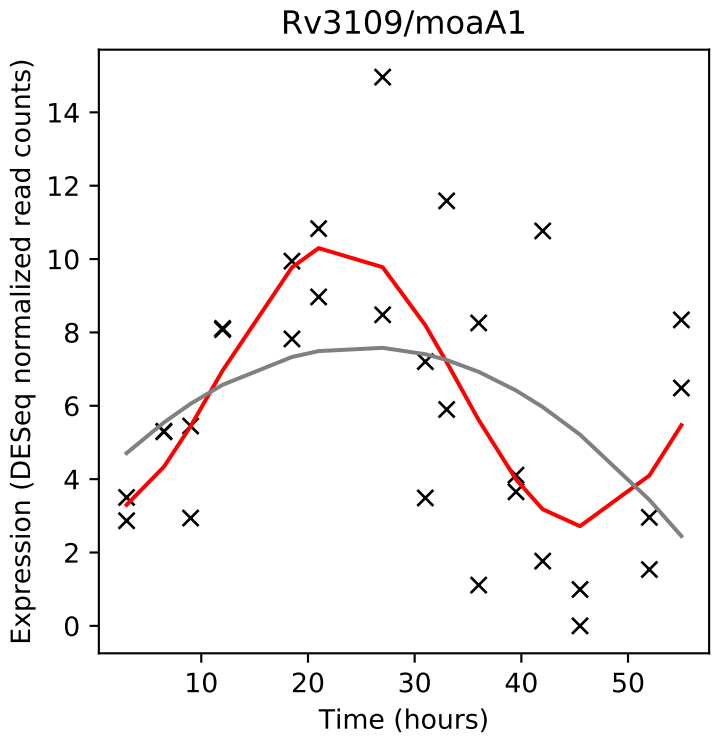

Rv3097c/lipY
Expression (DESeq normalized read counts)
Time (hours)

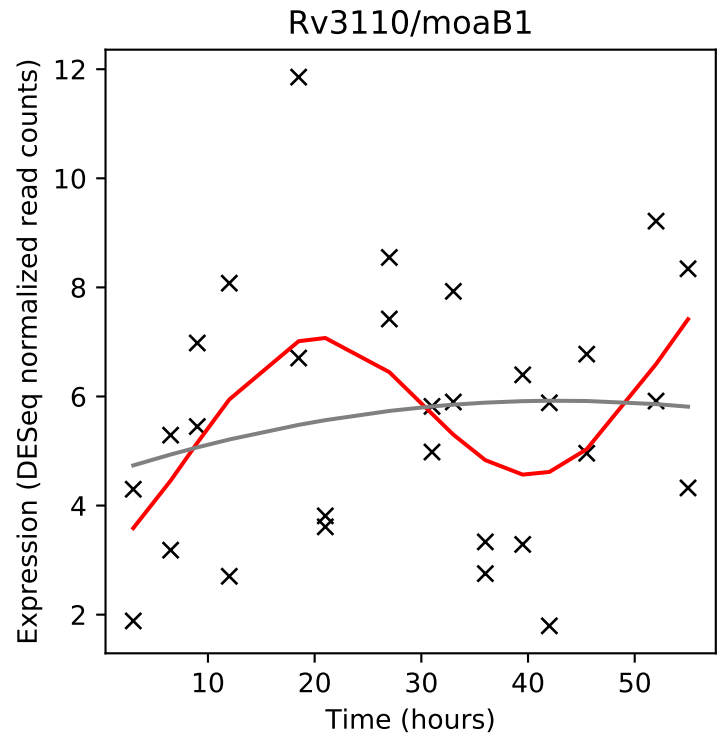

Rv3098c/-
Expression (DESeq normalized read counts)
Time (hours)

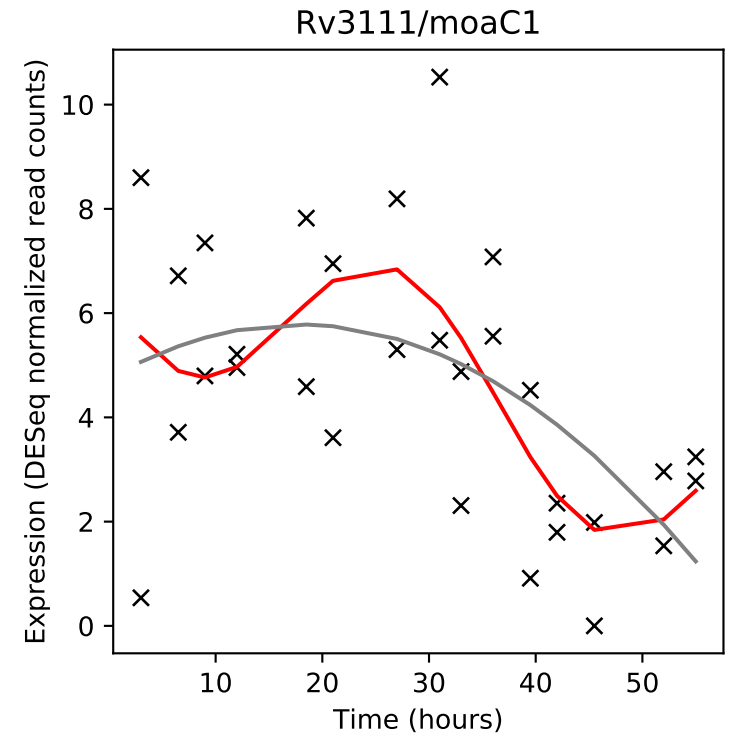

Rv3098A/-
Expression (DESeq normalized read counts)
Time (hours)

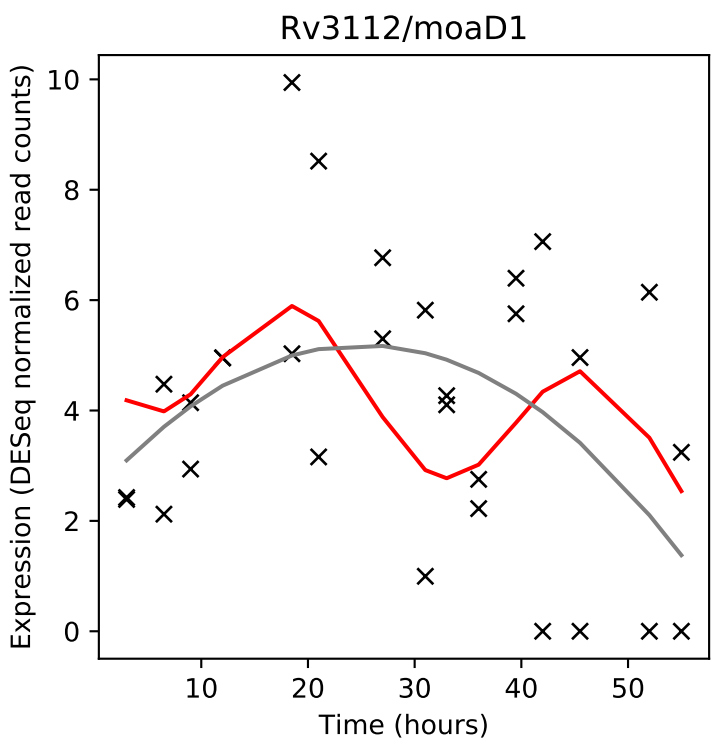

Rv3099c/-
Expression (DESeq normalized read counts)
Time (hours)

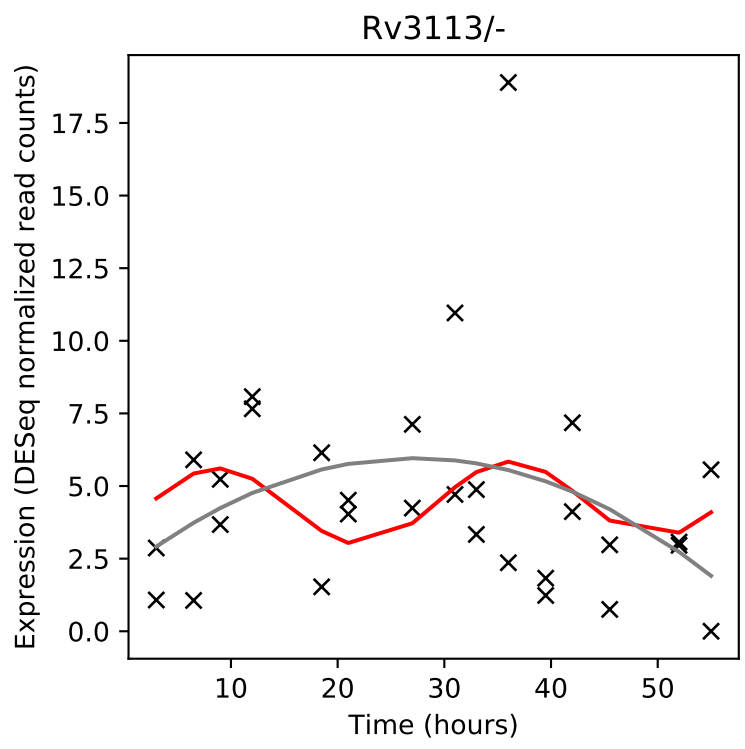

Rv3100c/smpB
Rv3101c/ftsX
Rv3102c/ftsE
Rv3103c/-
Rv3104c/-
Rv3105c/prfB
Rv3106/fprA
Rv3107c/agpS
Rv3108/-
Expression (DESeq normalized read counts)
Time (hours)

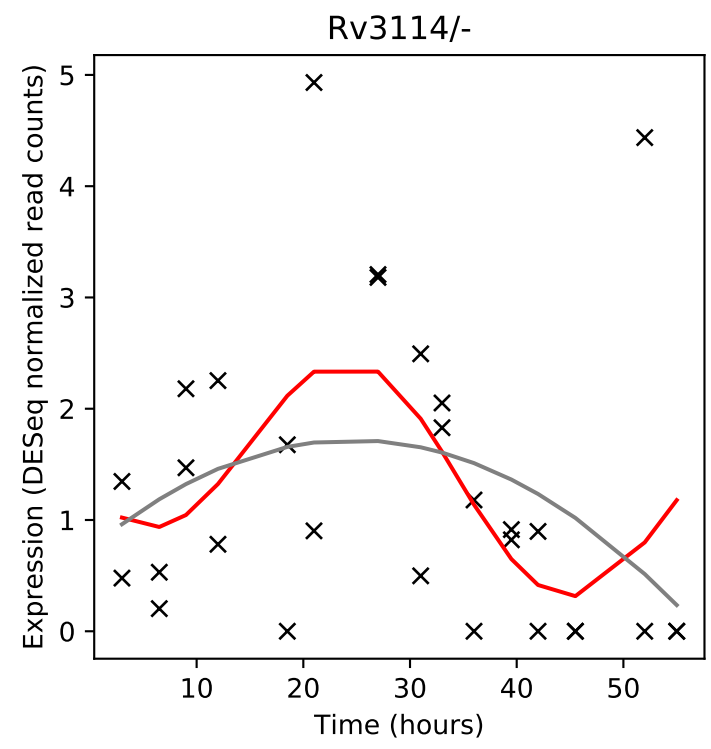

Rv3109/moaA1
Expression (DESeq normalized read counts)
Time (hours)

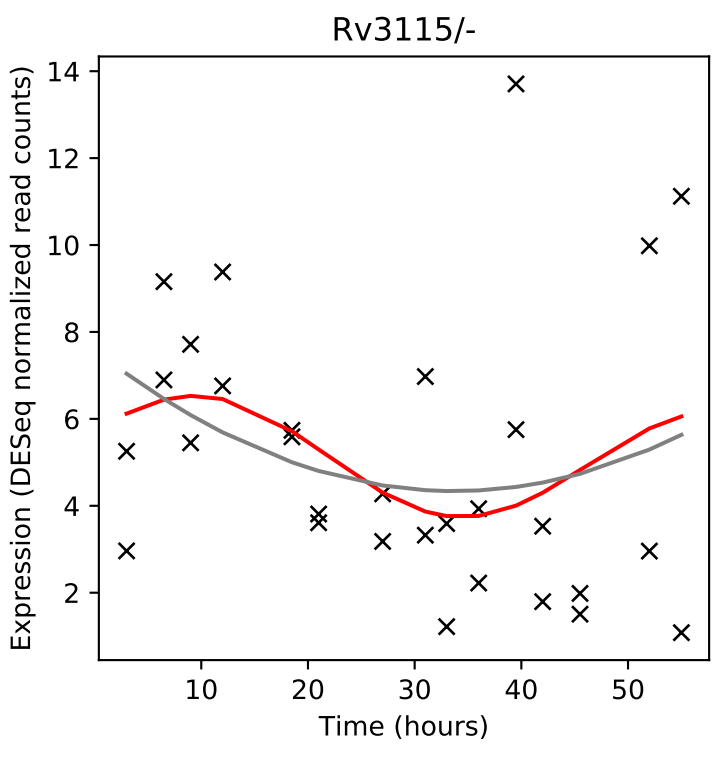

Rv3110/moaB1
Expression (DESeq normalized read counts)
Time (hours)

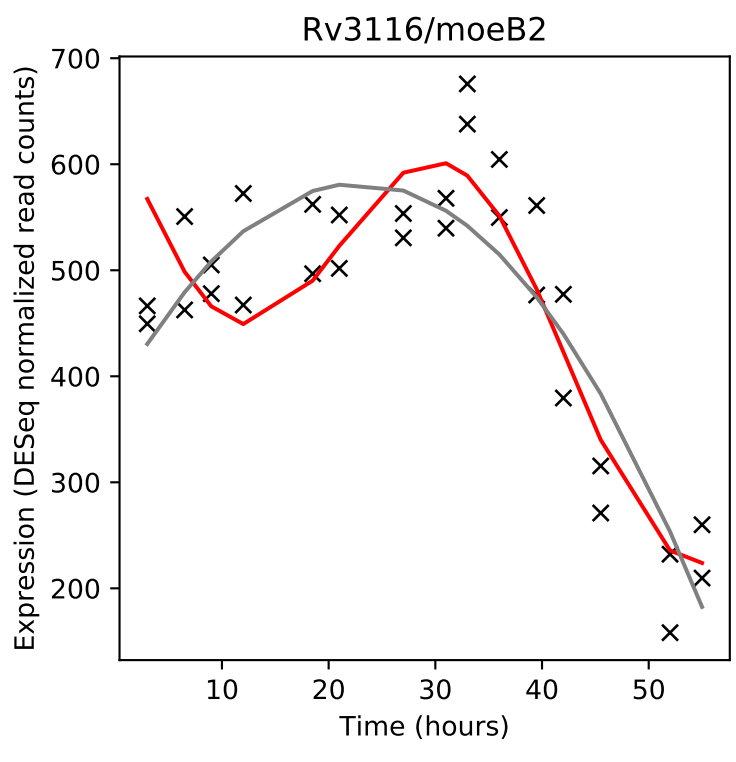

Rv3111/moaC1
Expression (DESeq normalized read counts)
Time (hours)

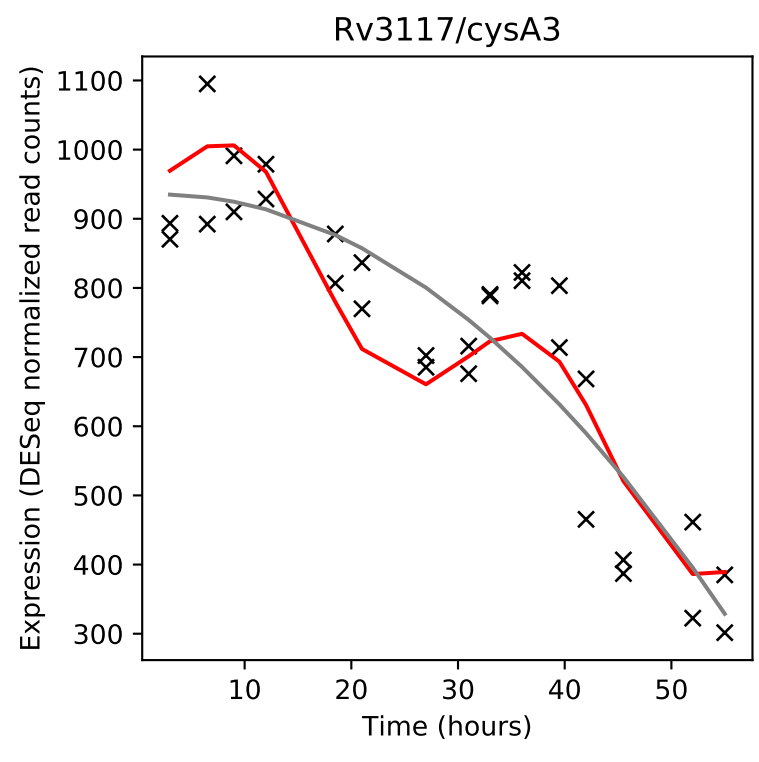

Rv3112/moaD1
Expression (DESeq normalized read counts)
Time (hours)

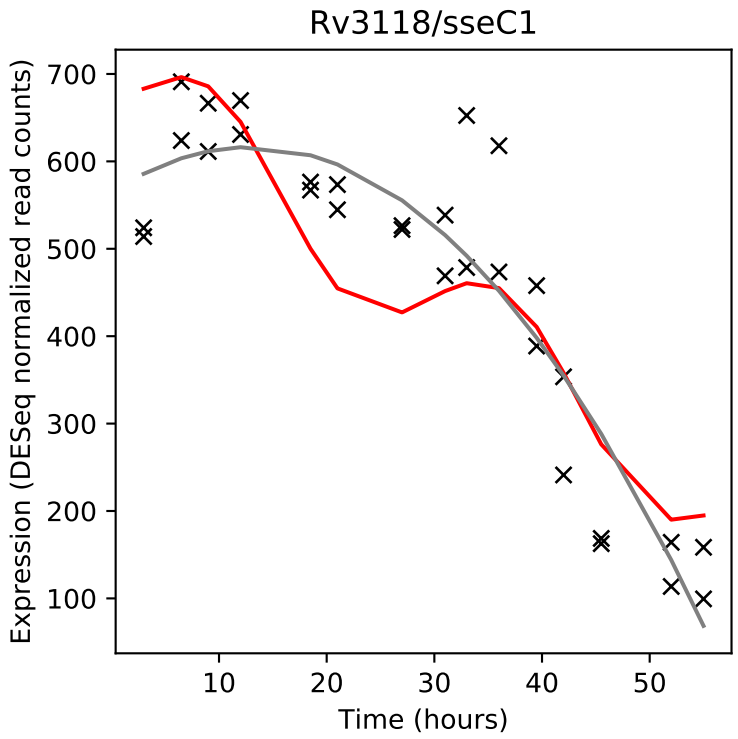

Rv3113/-
Expression (DESeq normalized read counts)
Time (hours)

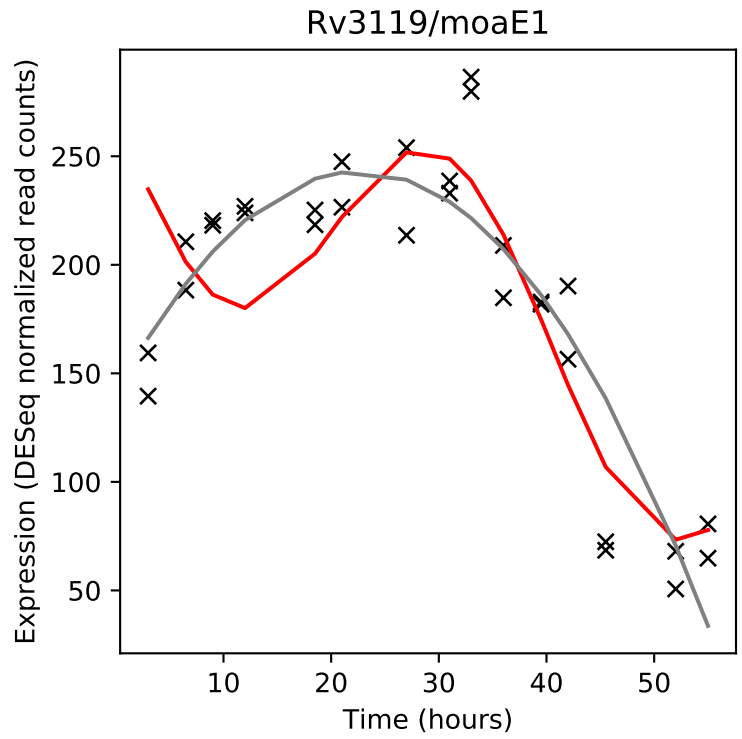

Rv3114/-
Expression (DESeq normalized read counts)
Time (hours)

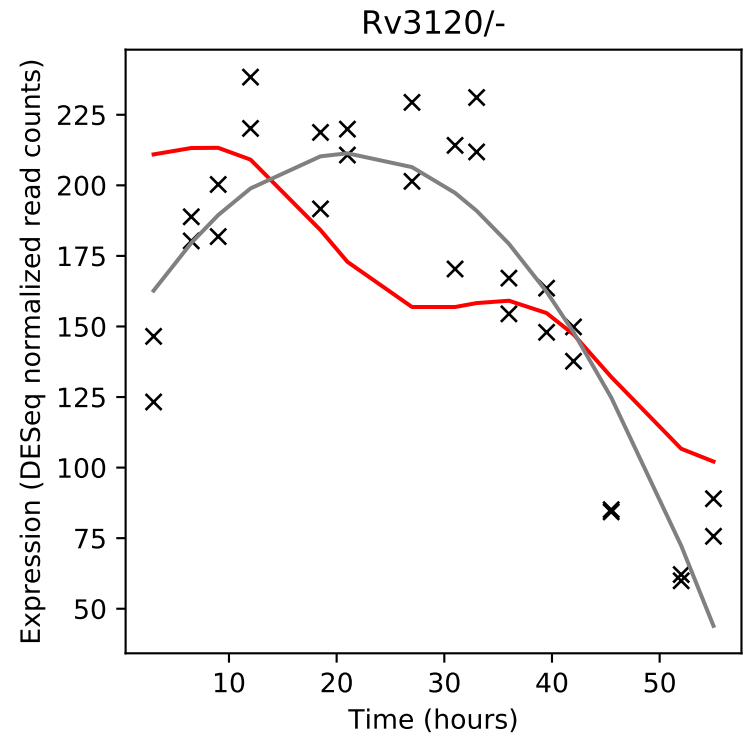

Rv3115/-
Expression (DESeq normalized read counts)
Time (hours)

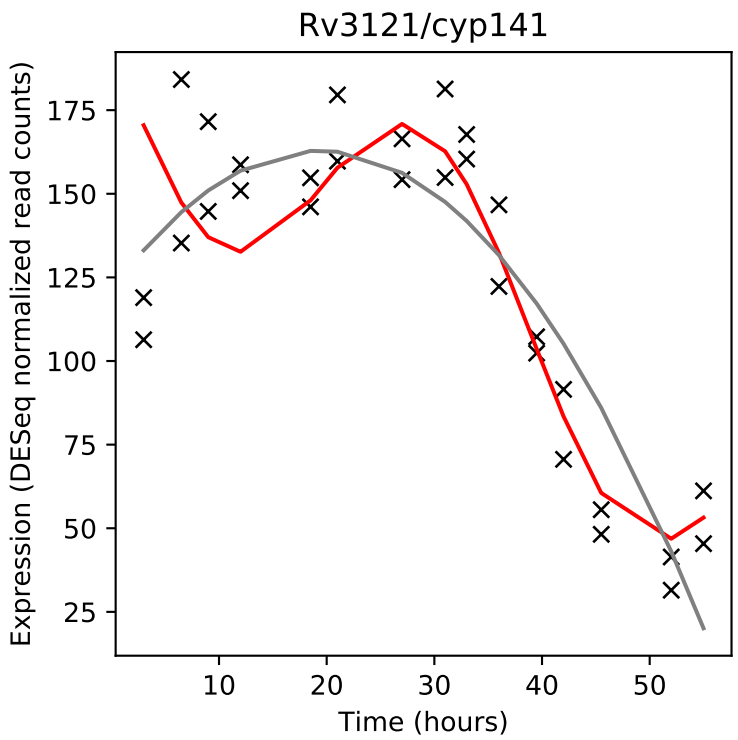

Rv3116/moeB2
Expression (DESeq normalized read counts)
Time (hours)

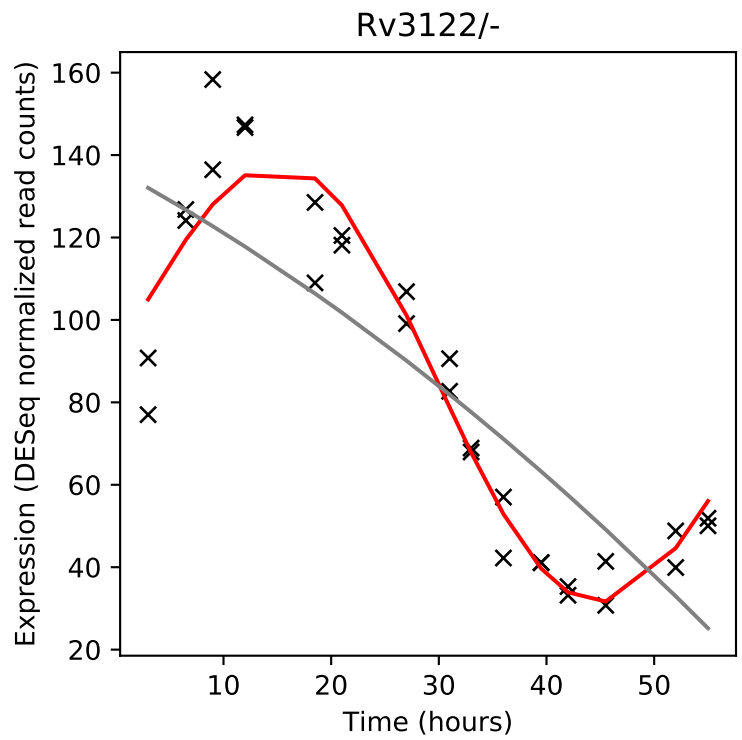

Rv3117/cysA3
Expression (DESeq normalized read counts)
Time (hours)

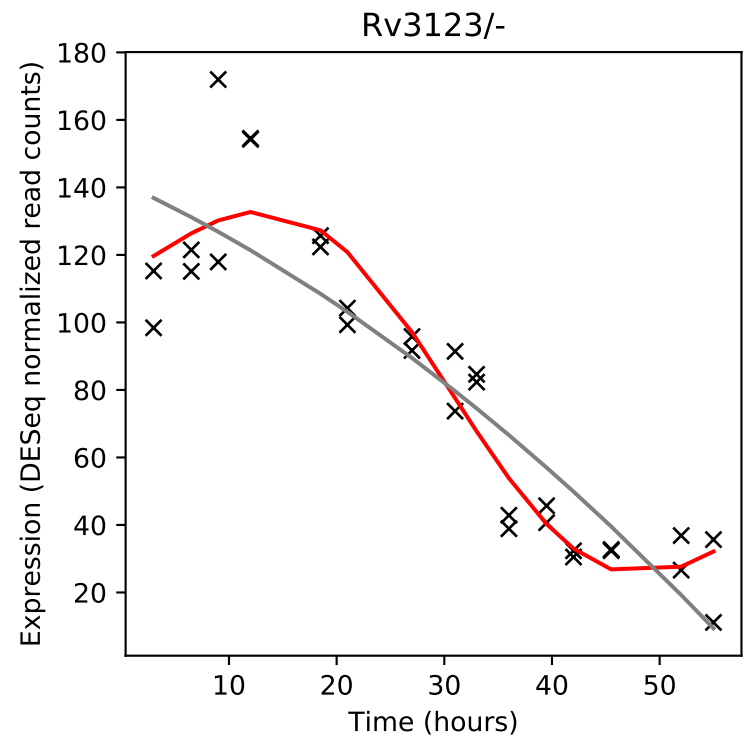

Rv3118/sseC1
Expression (DESeq normalized read counts)
Time (hours)

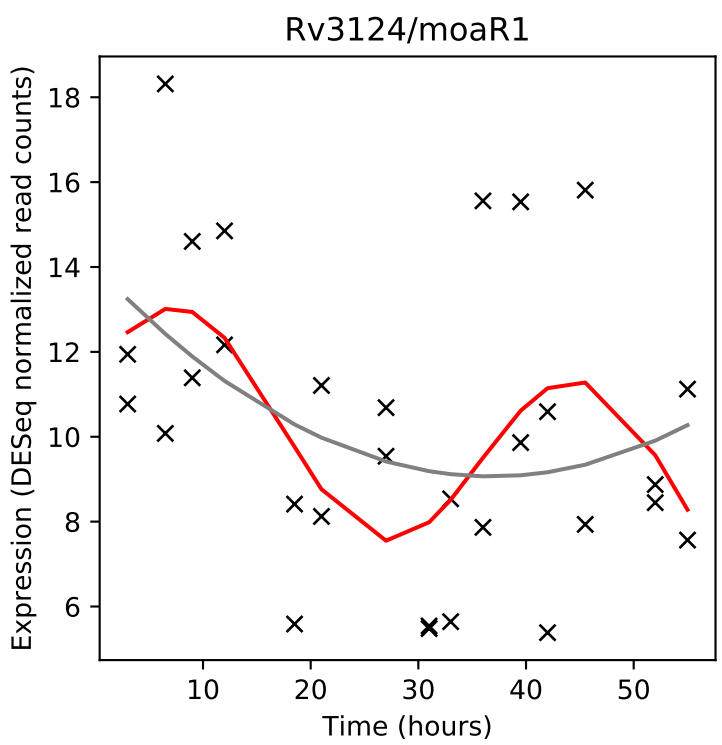

Rv3119/moaE1
Expression (DESeq normalized read counts)
Time (hours)

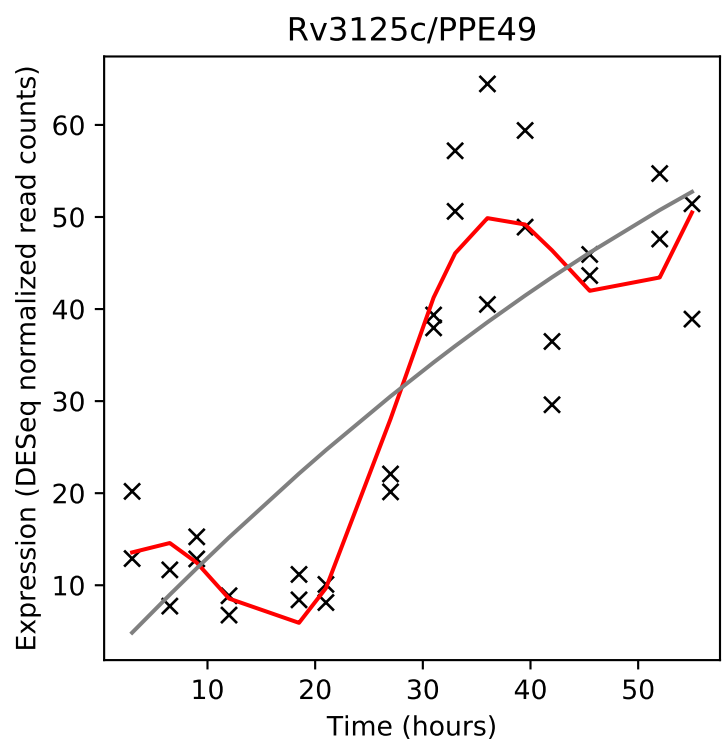

Rv3120/-
Expression (DESeq normalized read counts)
Time (hours)

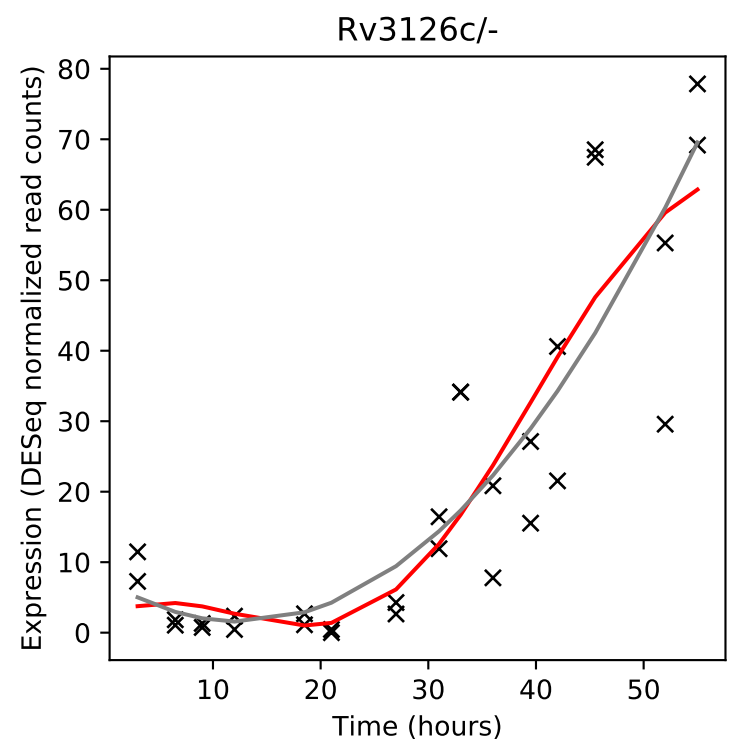

Rv3121/cyp141
Expression (DESeq normalized read counts)
Time (hours)

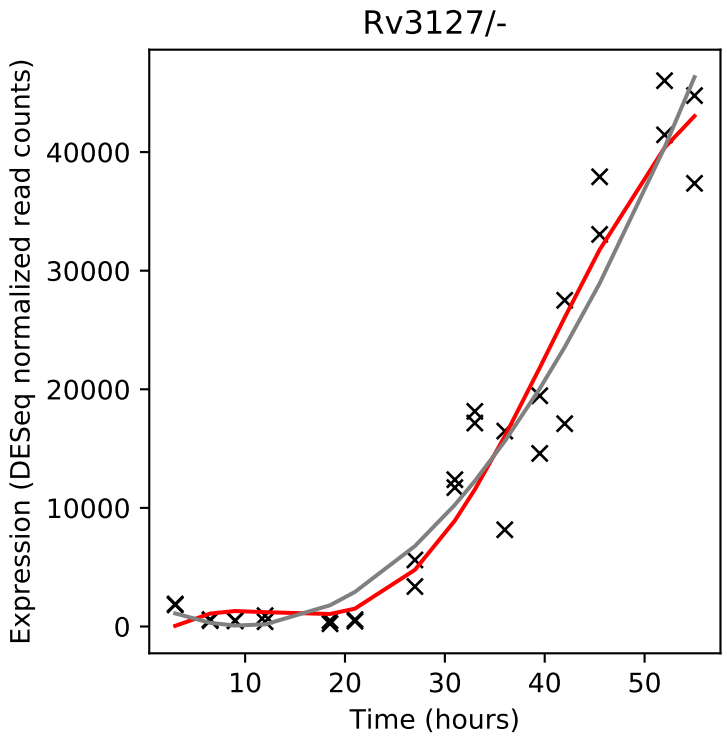

Rv3122/-
Expression (DESeq normalized read counts)
Time (hours)

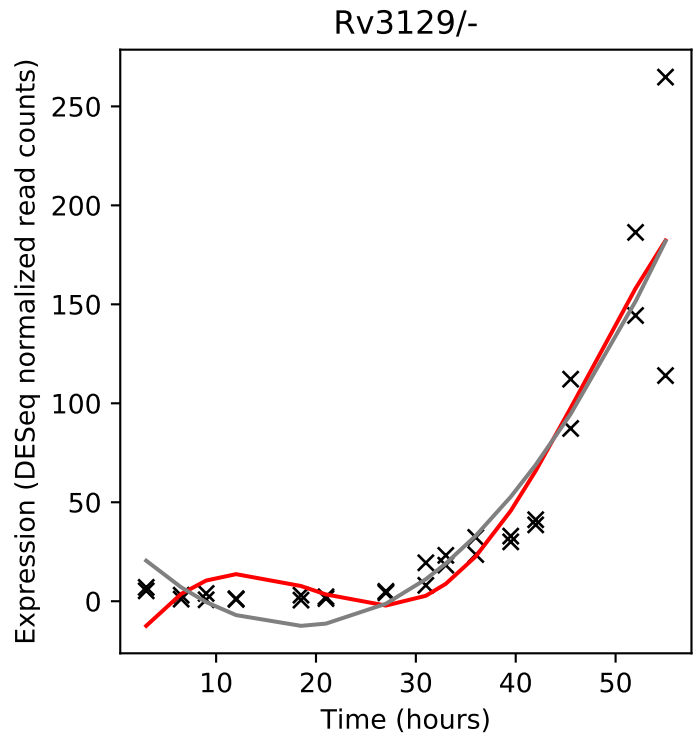

Rv3123/-
Expression (DESeq normalized read counts)
Time (hours)

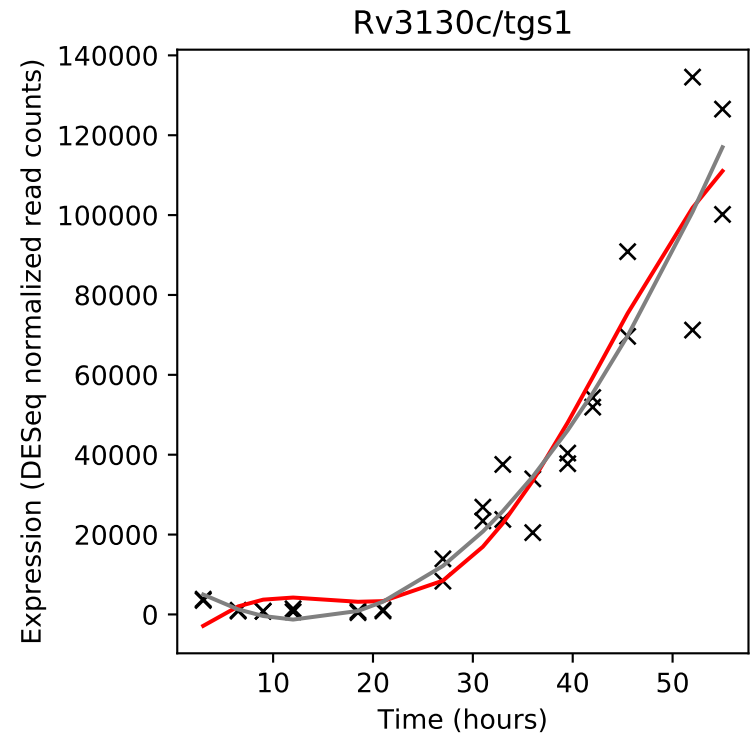

Rv3124/moaR1
Expression (DESeq normalized read counts)
Time (hours)

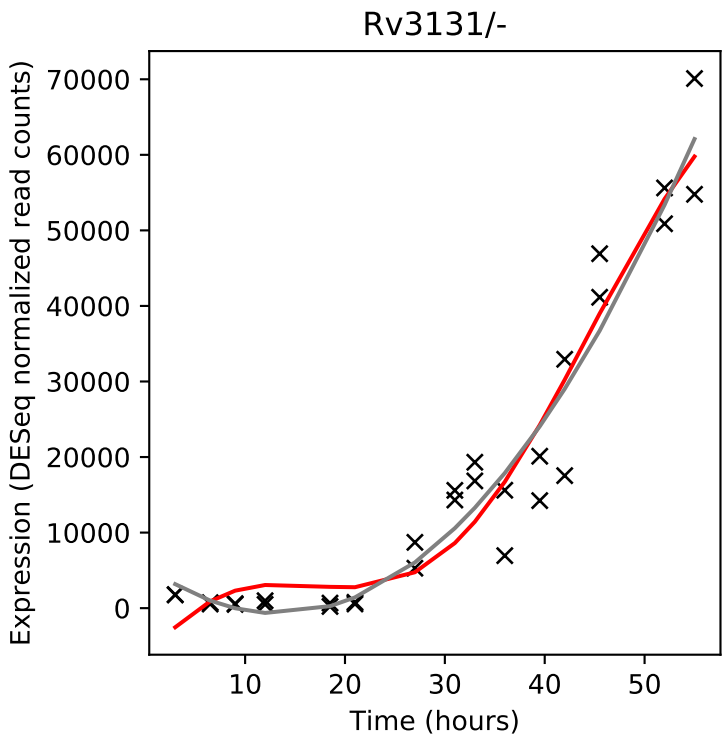

Rv3125c/PPE49
Expression (DESeq normalized read counts)
Time (hours)

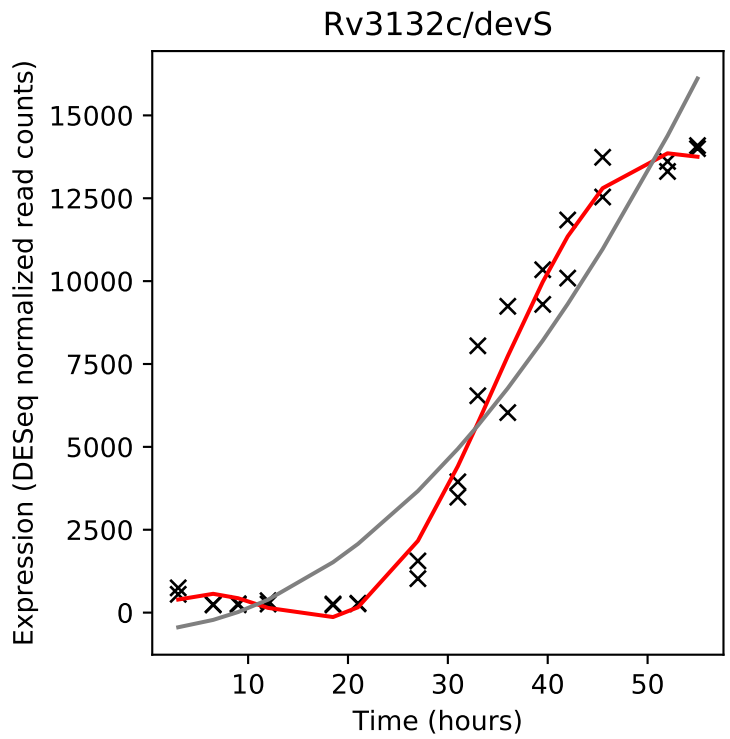

Rv3126c/-
Expression (DESeq normalized read counts)
Time (hours)

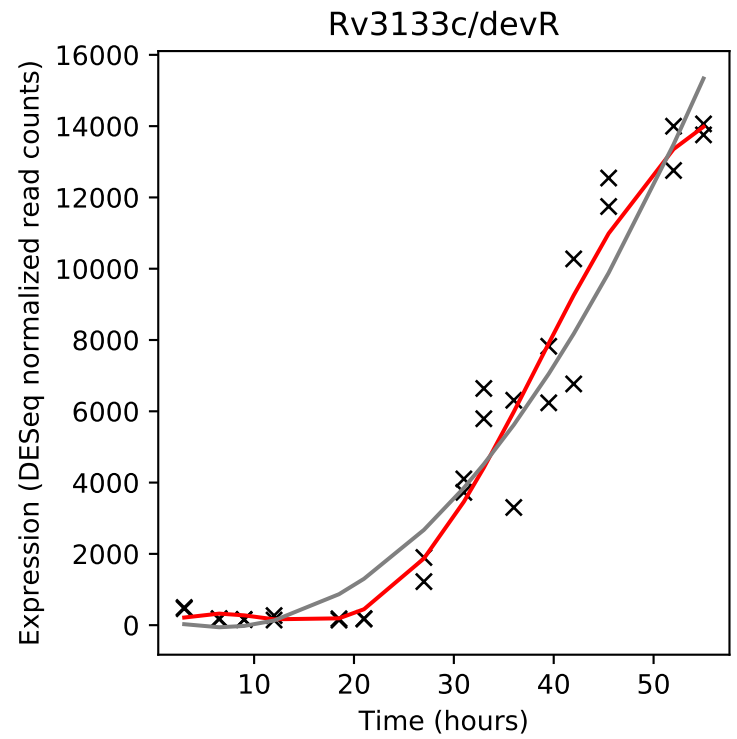

Rv3127/-
Expression (DESeq normalized read counts)
Time (hours)

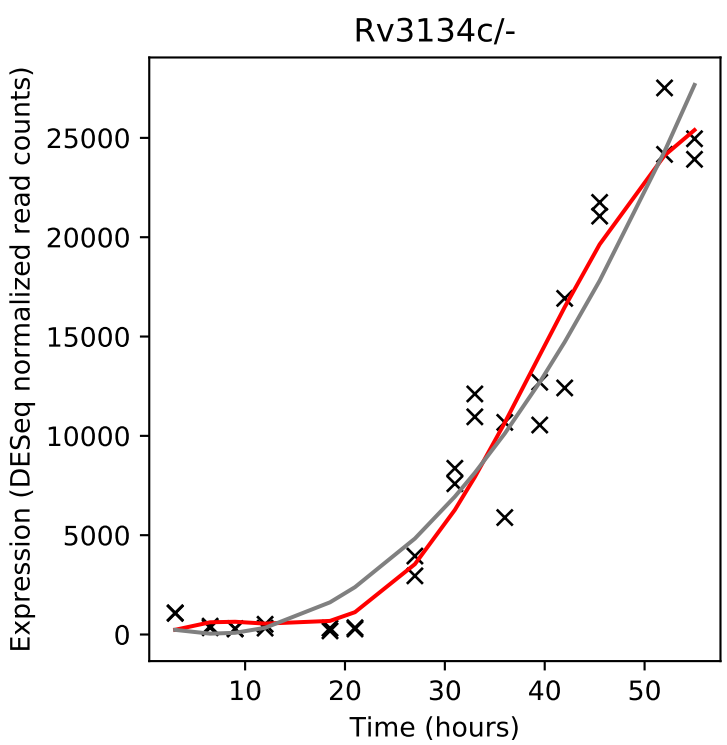

Rv3129/-
Expression (DESeq normalized read counts)
Time (hours)

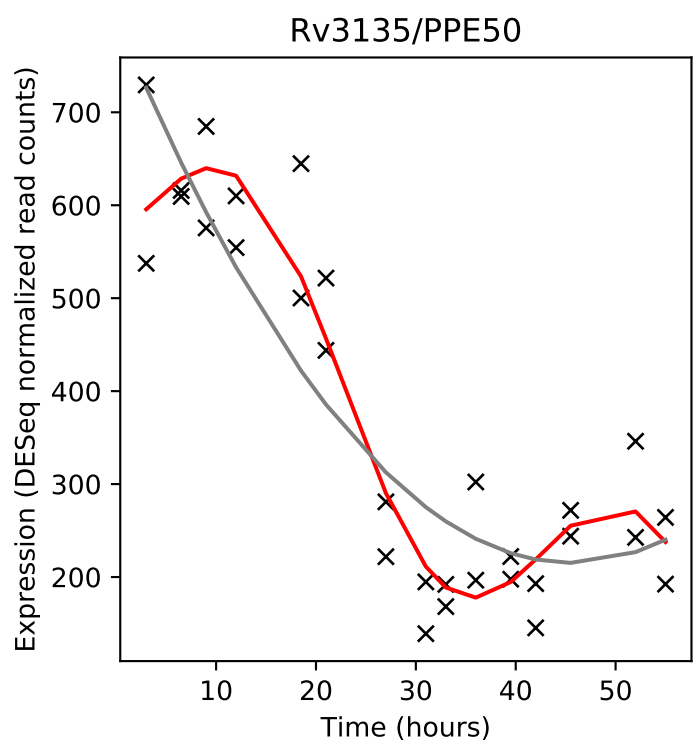

Rv3130c/tgs1
Expression (DESeq normalized read counts)
Time (hours)

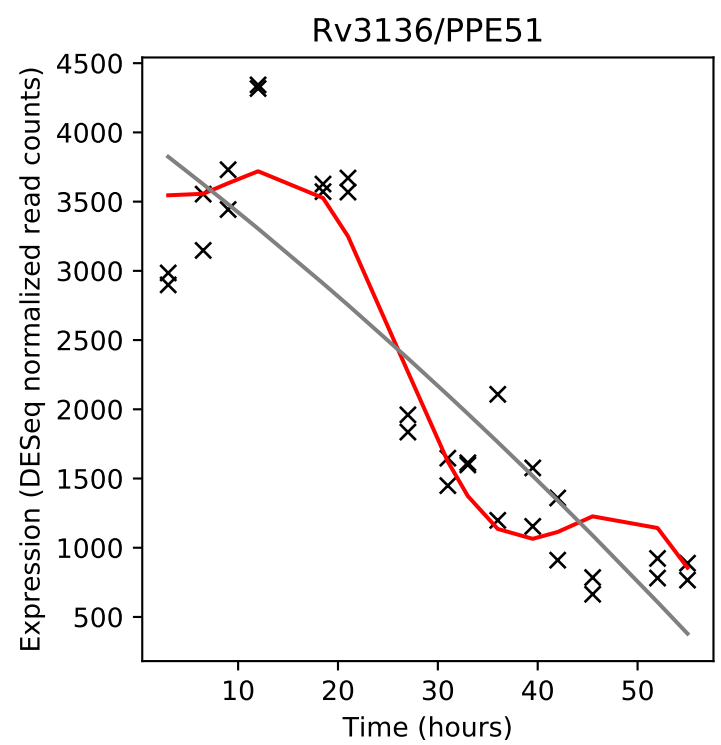

Rv3131/-
Expression (DESeq normalized read counts)
Time (hours)

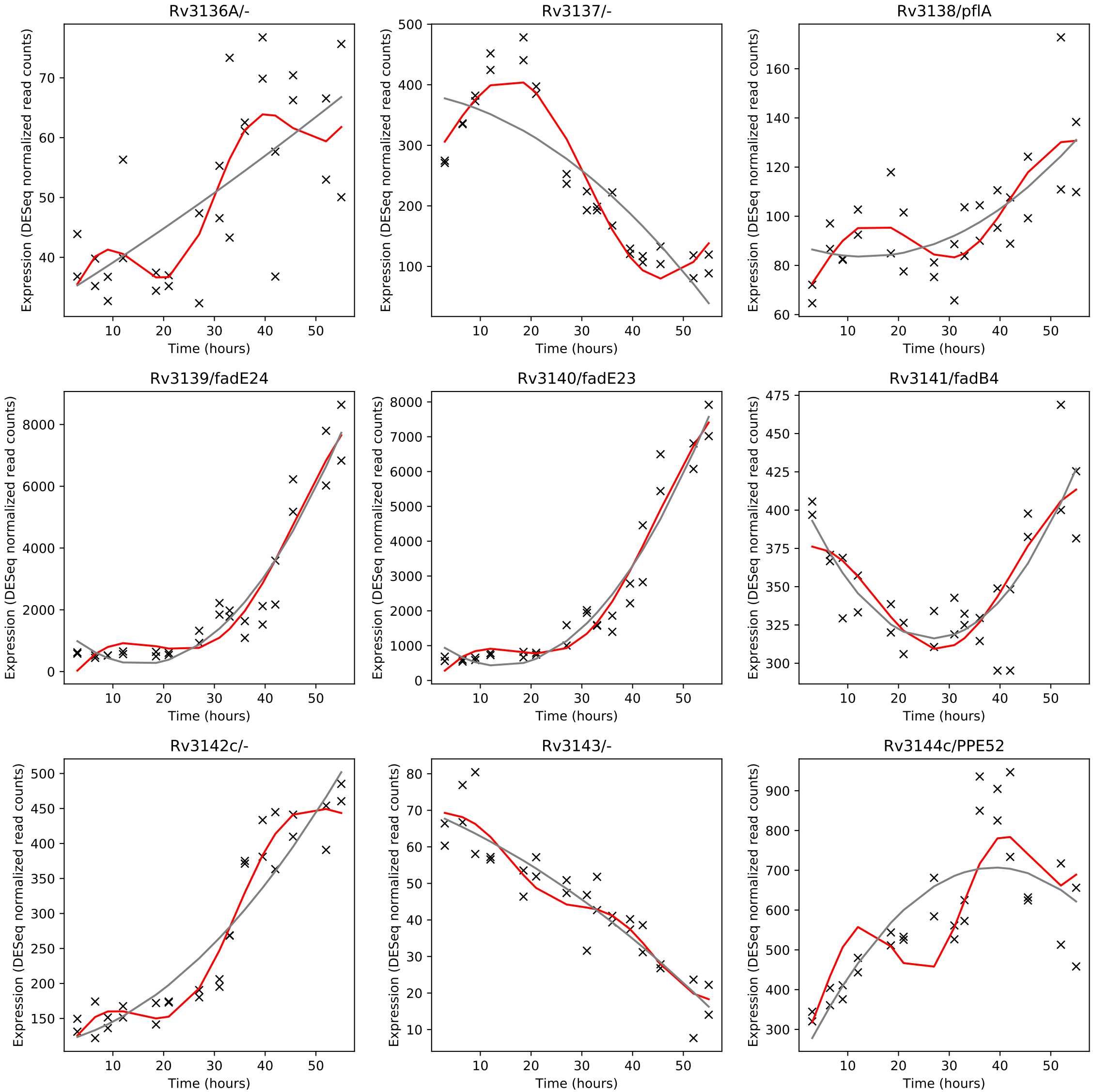

Rv3132c/devS
Expression (DESeq normalized read counts)
Time (hours)

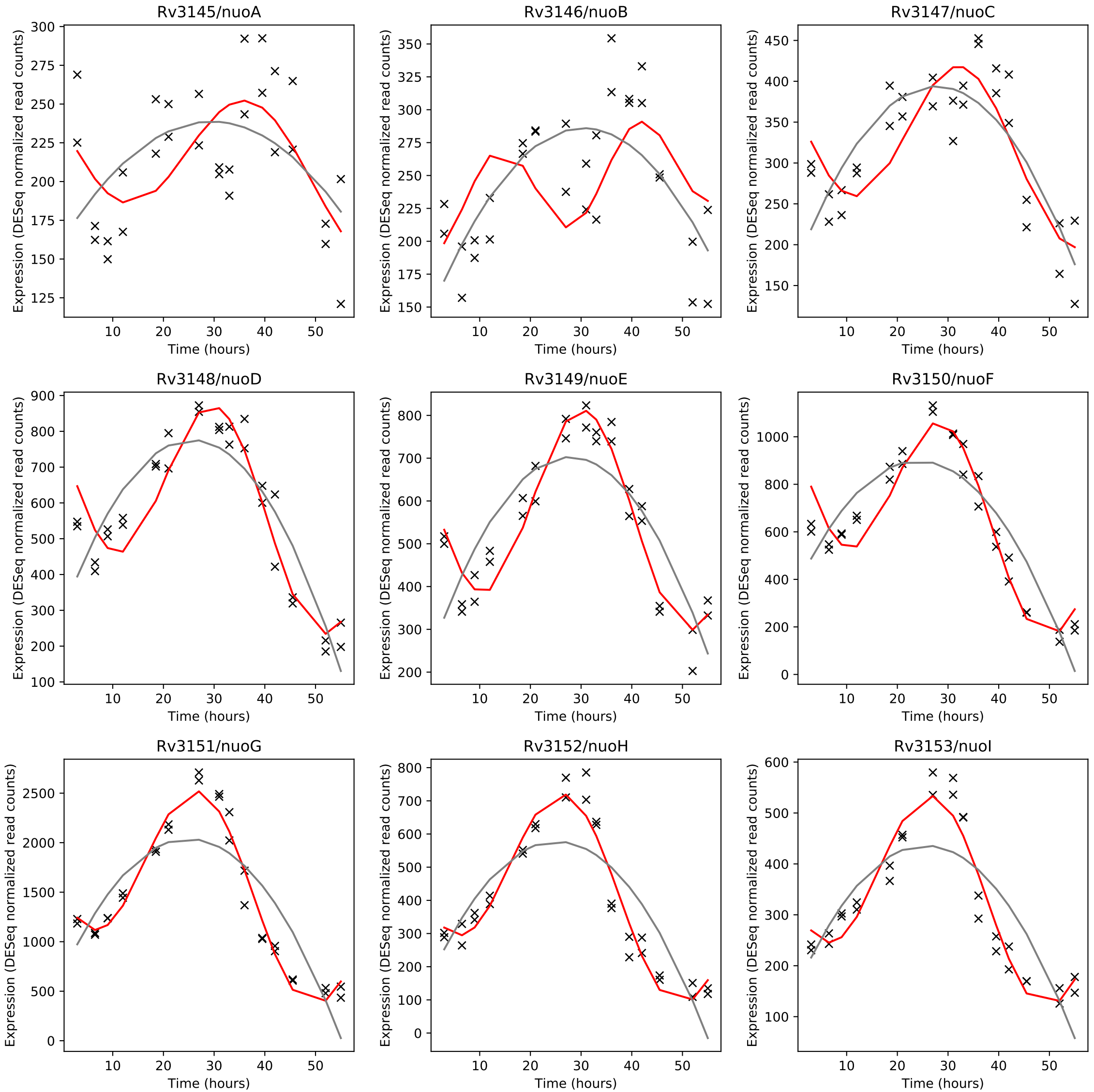

Rv3133c/devR
Expression (DESeq normalized read counts)
Time (hours)

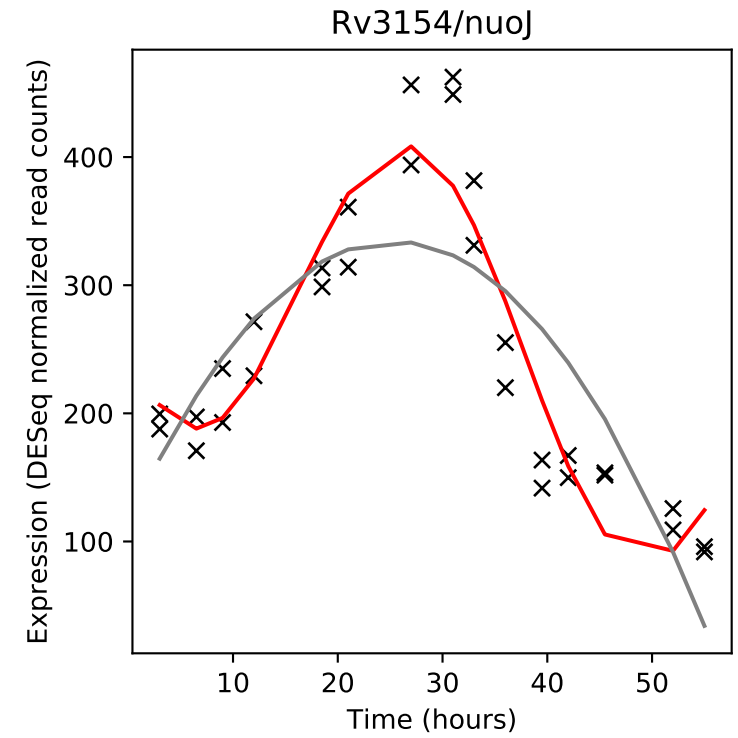

Rv3134c/-
Expression (DESeq normalized read counts)
Time (hours)

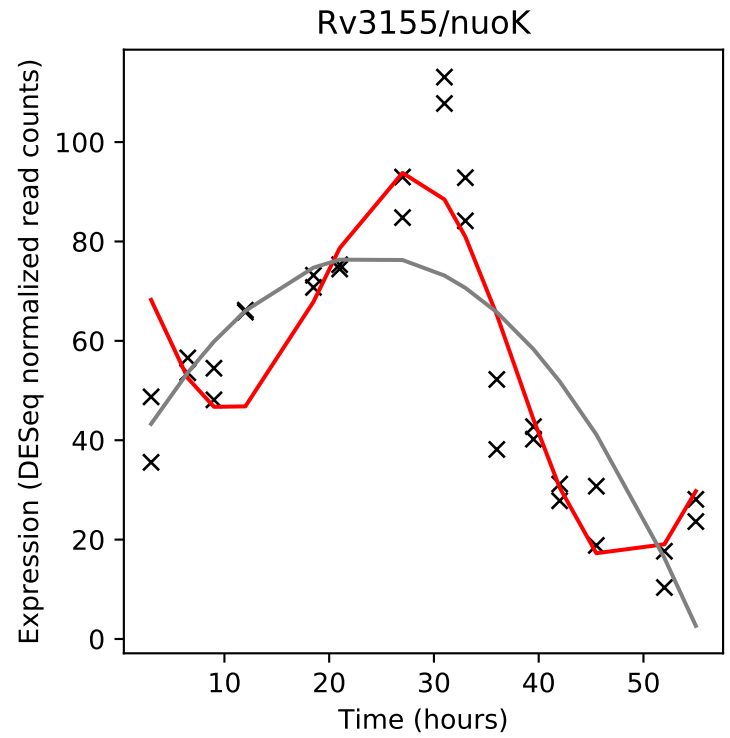

Rv3135/PPE50
Expression (DESeq normalized read counts)
Time (hours)

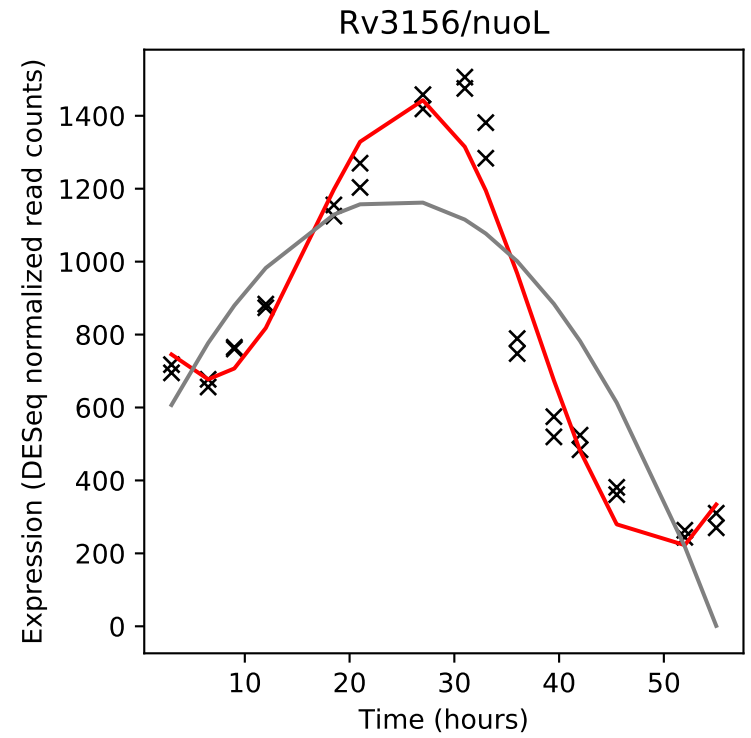

Rv3136/PPE51
Expression (DESeq normalized read counts)
Time (hours)

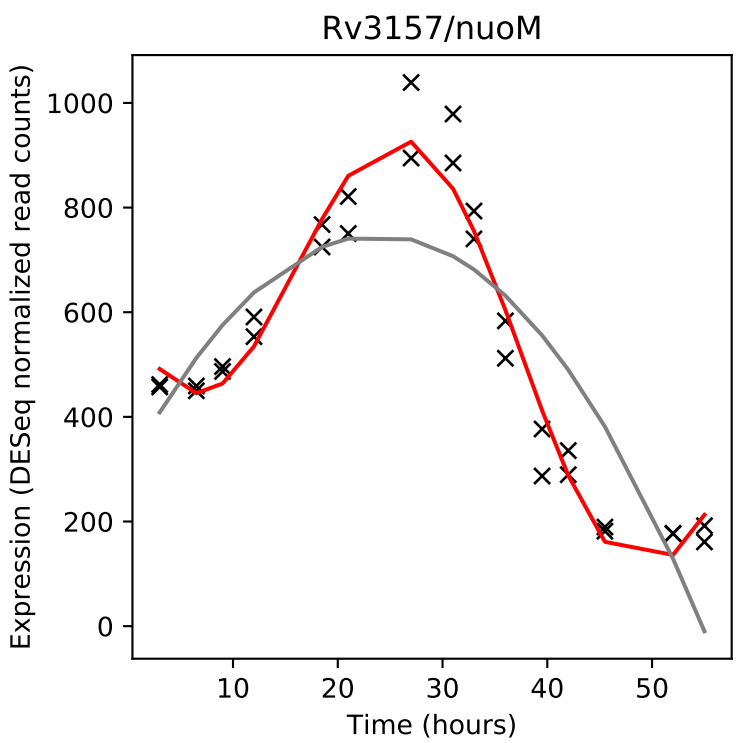

Rv3136A/-
Rv3137/-
Rv3138/pflA
Rv3139/fadE24
Rv3140/fadE23
Rv3141/fadB4
Rv3142c/-
Rv3143/-
Rv3144c/PPE52
Expression (DESeq normalized read counts)
Time (hours)

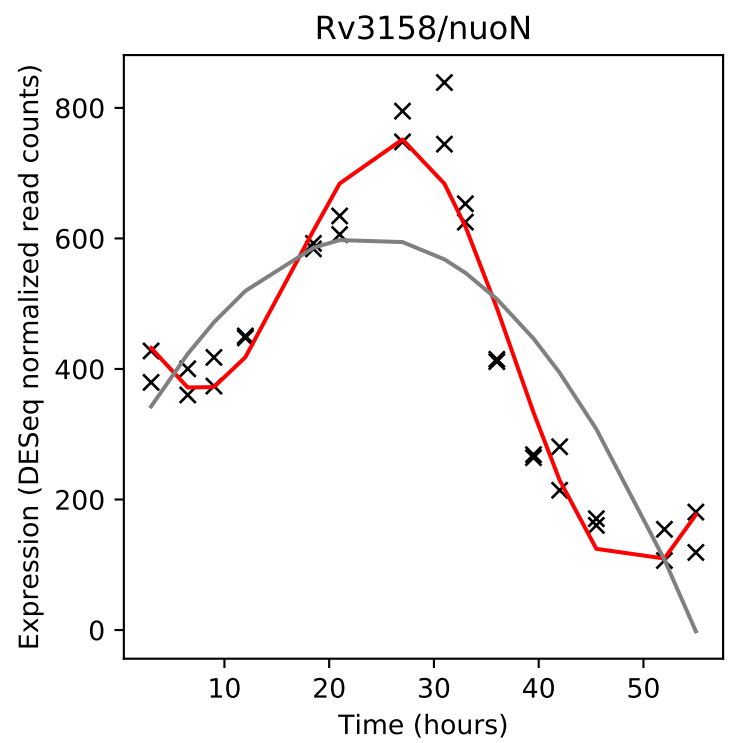

Rv3145/nuoA
Rv3146/nuoB
Rv3147/nuoC
Rv3148/nuoD
Rv3149/nuoE
Rv3150/nuoF
Rv3151/nuoG
Rv3152/nuoH
Rv3153/nuoI
Expression (DESeq normalized read counts)
Time (hours)

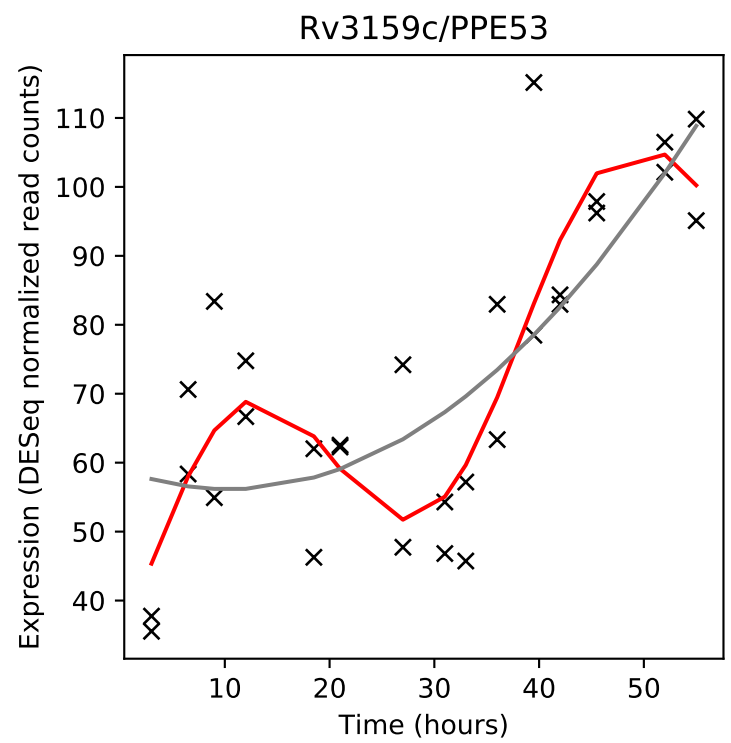

Rv3154/nuoJ
Expression (DESeq normalized read counts)
Time (hours)

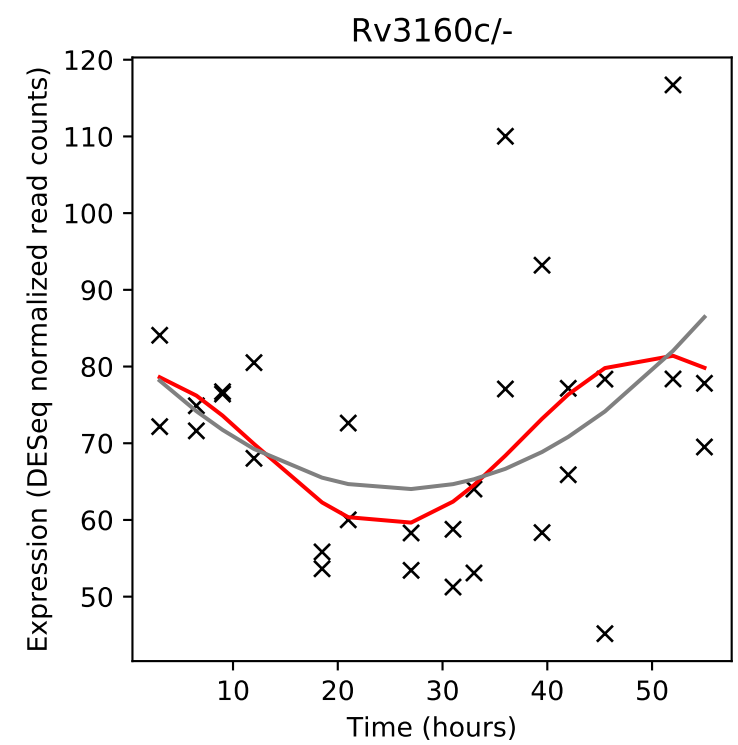

Rv3155/nuoK
Expression (DESeq normalized read counts)
Time (hours)

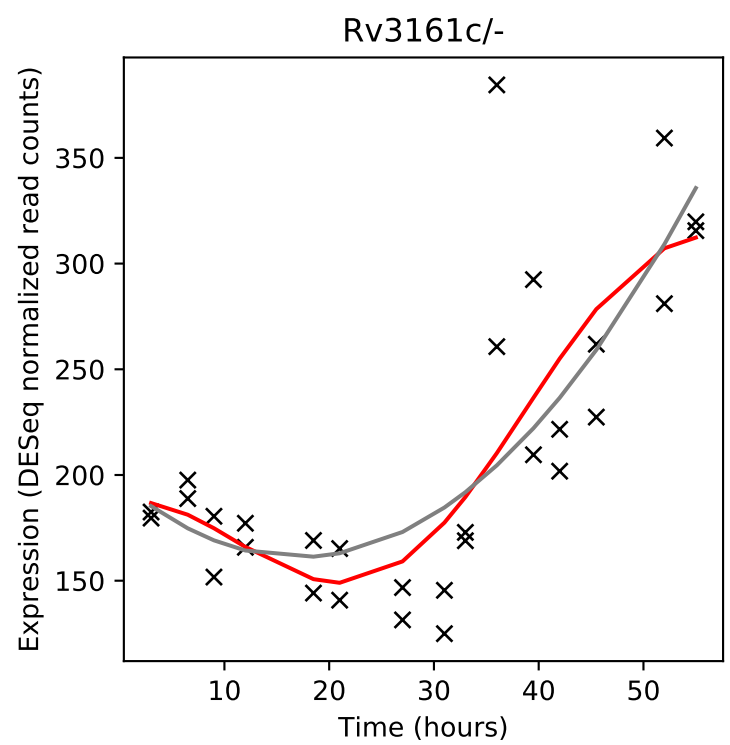

Rv3156/nuoL
Expression (DESeq normalized read counts)
Time (hours)

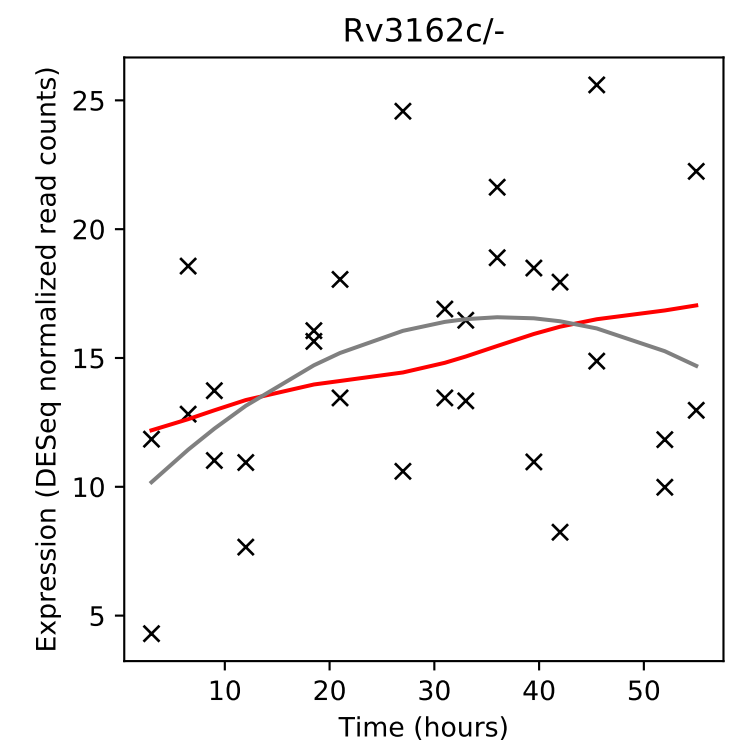

Rv3157/nuoM
Expression (DESeq normalized read counts)
Time (hours)

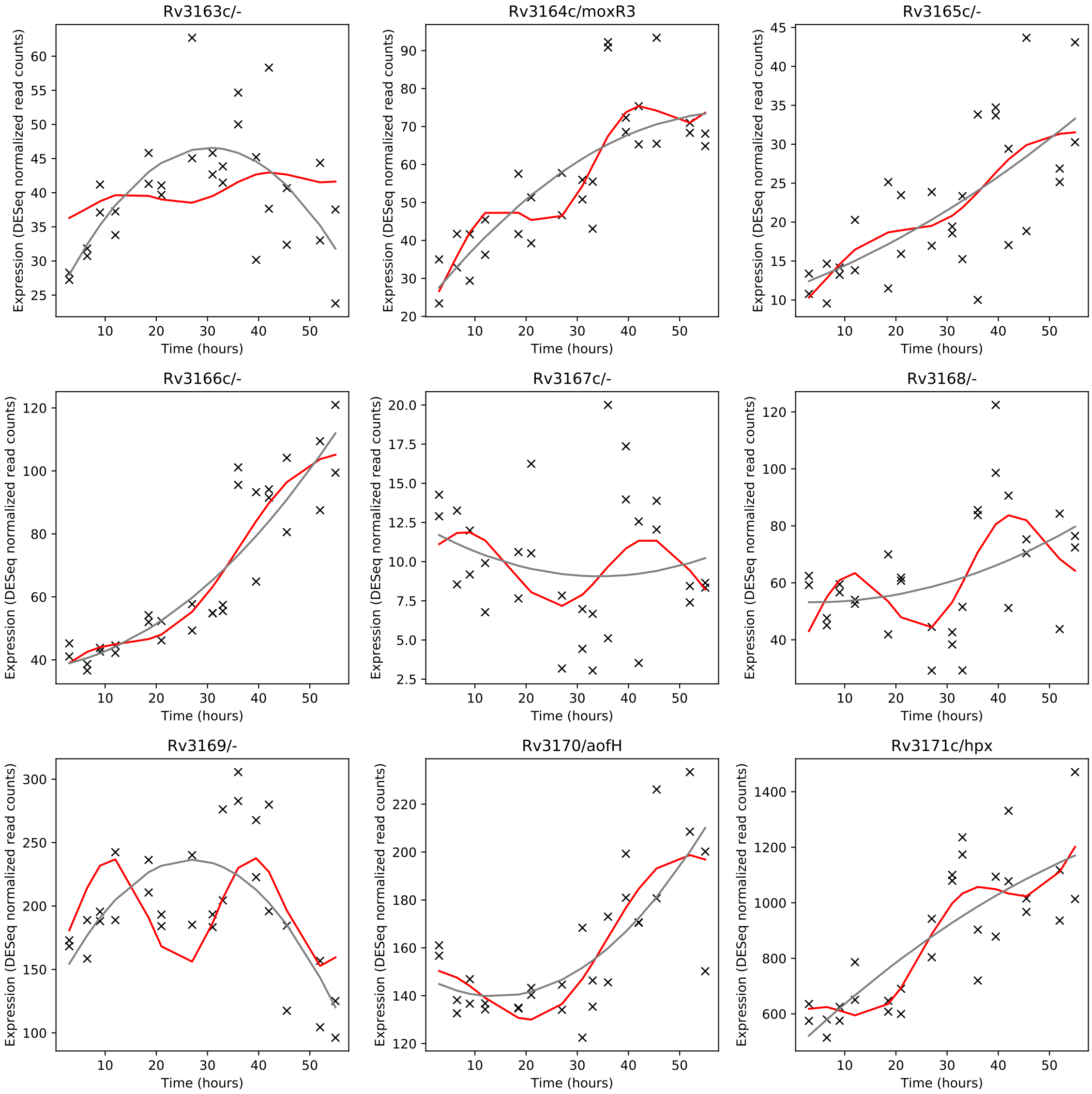

Rv3158/nuoN
Expression (DESeq normalized read counts)
Time (hours)

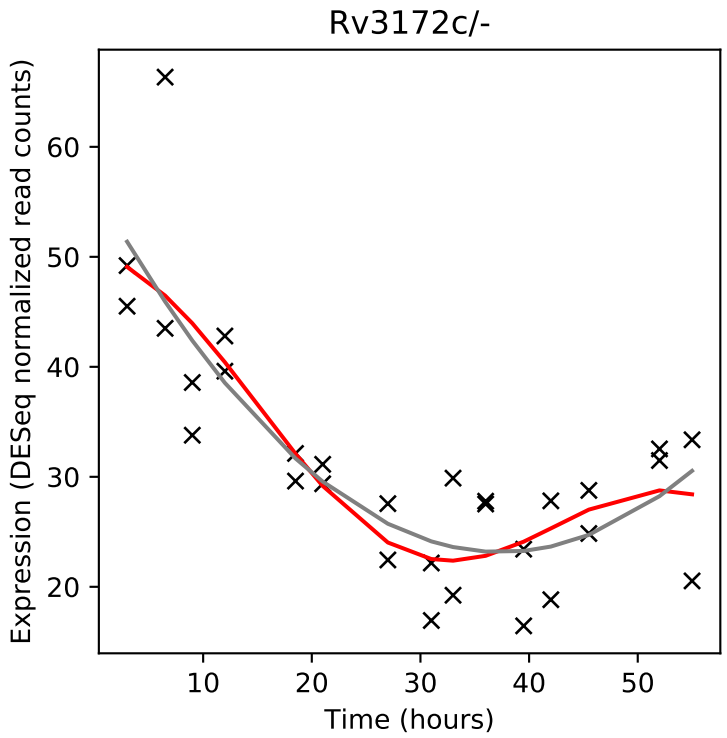

Rv3159c/PPE53
Expression (DESeq normalized read counts)
Time (hours)

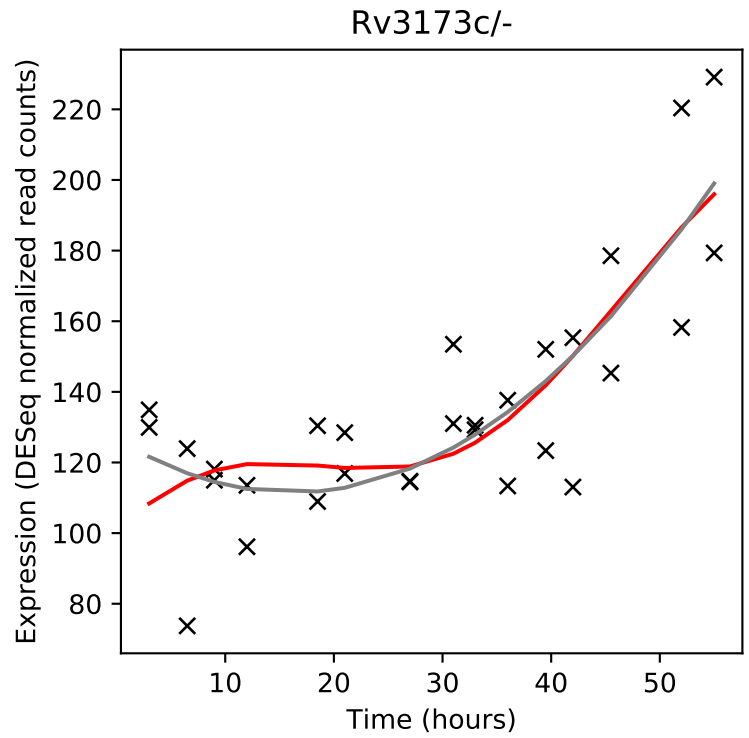

Rv3160c/-
Expression (DESeq normalized read counts)
Time (hours)

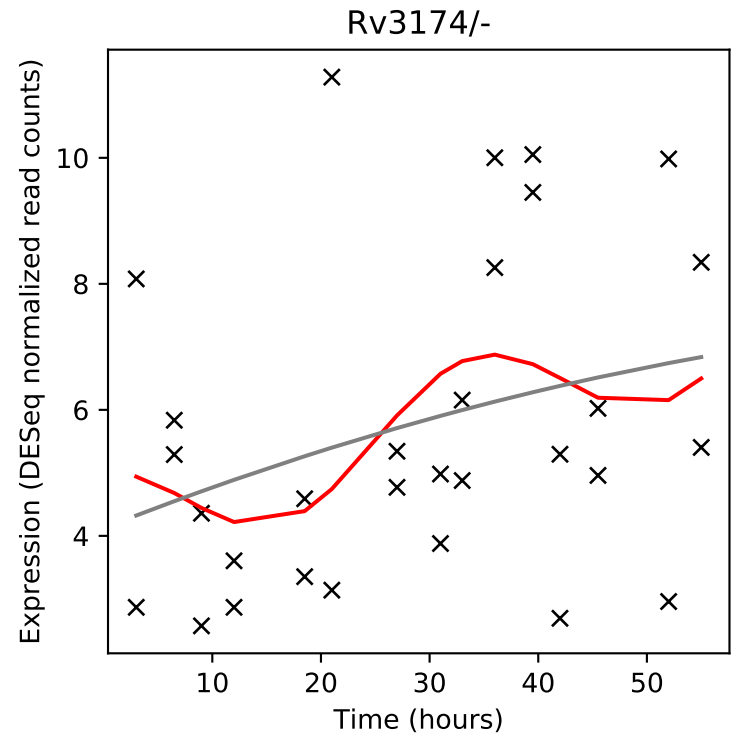

Rv3161c/-
Expression (DESeq normalized read counts)
Time (hours)

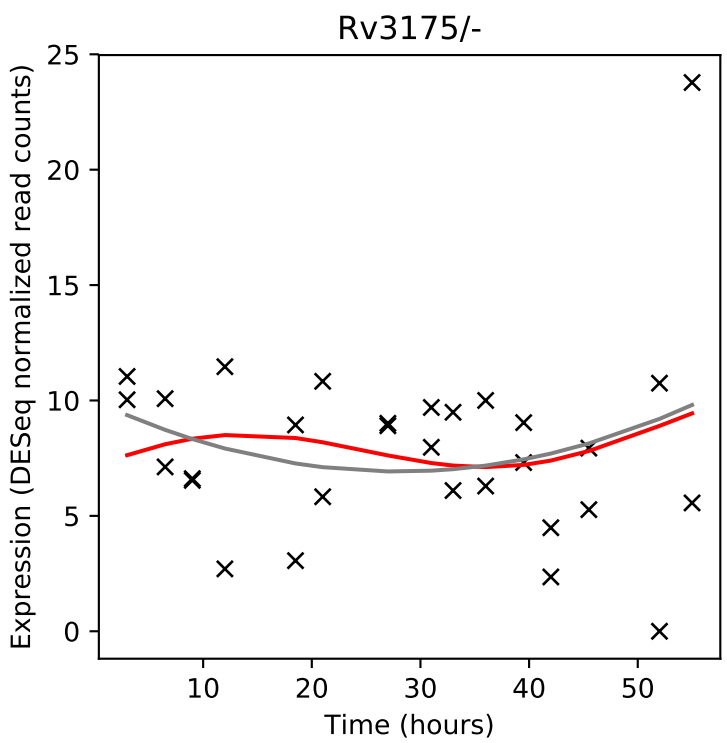

Rv3162c/-
Expression (DESeq normalized read counts)
Time (hours)

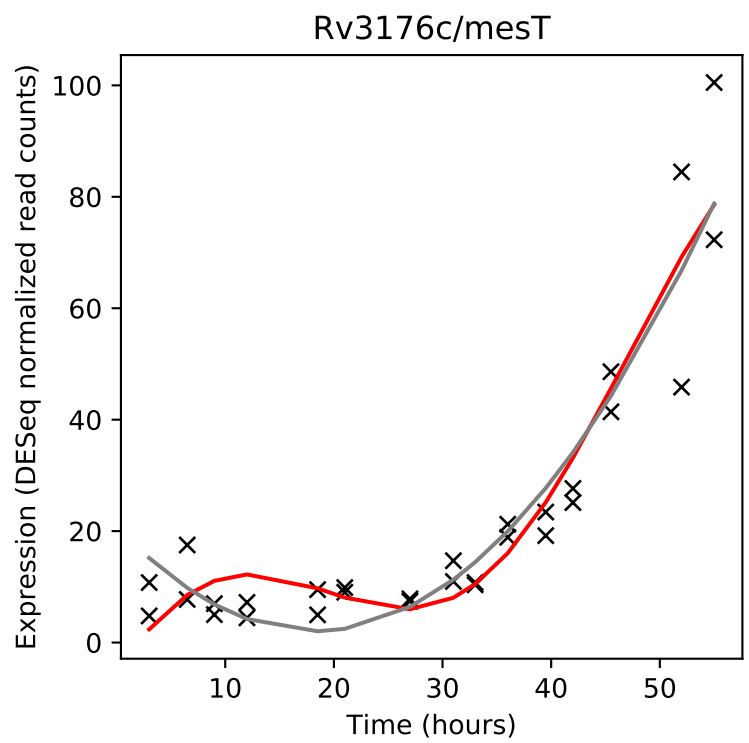

Rv3163c/-
Rv3164c/moxR3
Rv3165c/-
Rv3166c/-
Rv3167c/-
Rv3168/-
Rv3169/-
Rv3170/aofH
Rv3171c/hpx
Expression (DESeq normalized read counts)
Time (hours)

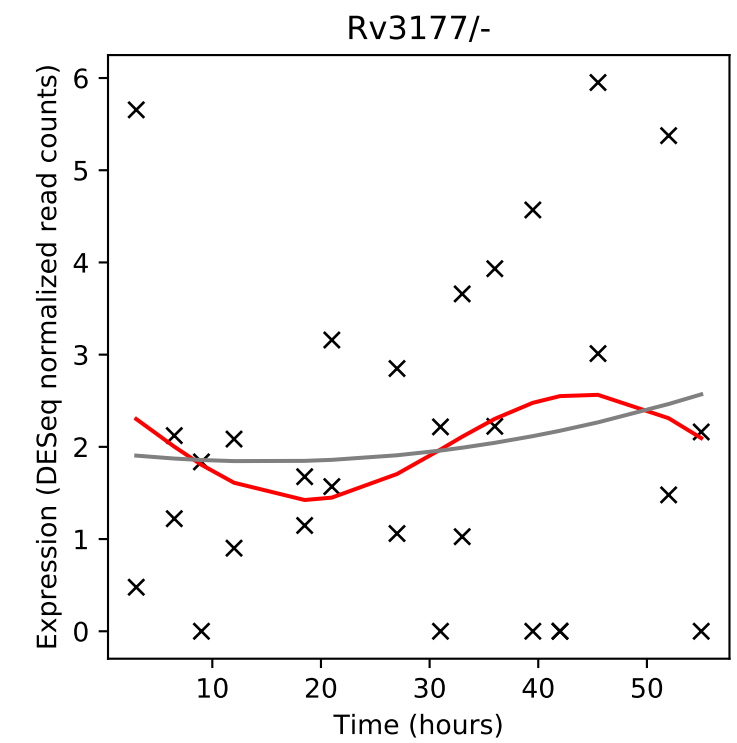

Rv3172c/-
Expression (DESeq normalized read counts)
Time (hours)

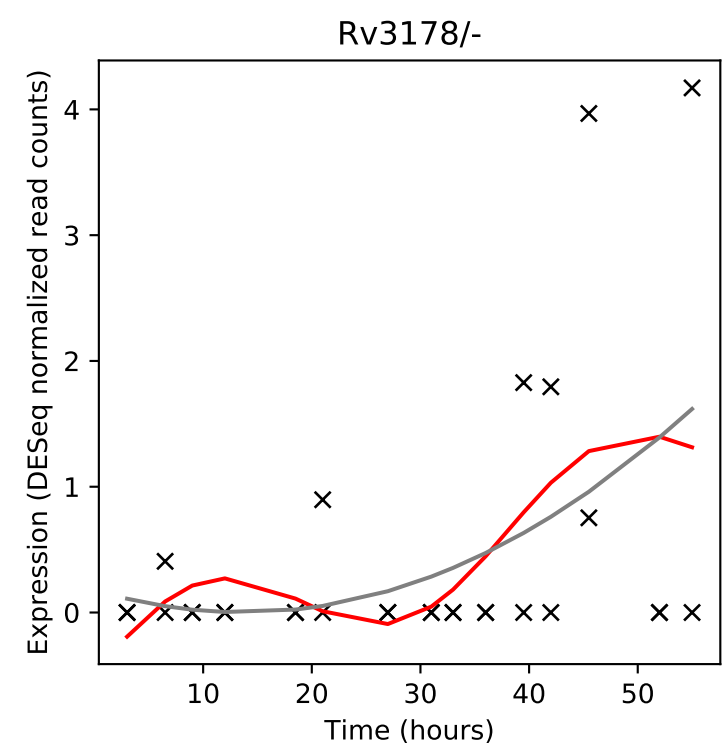

Rv3173c/-
Expression (DESeq normalized read counts)
Time (hours)

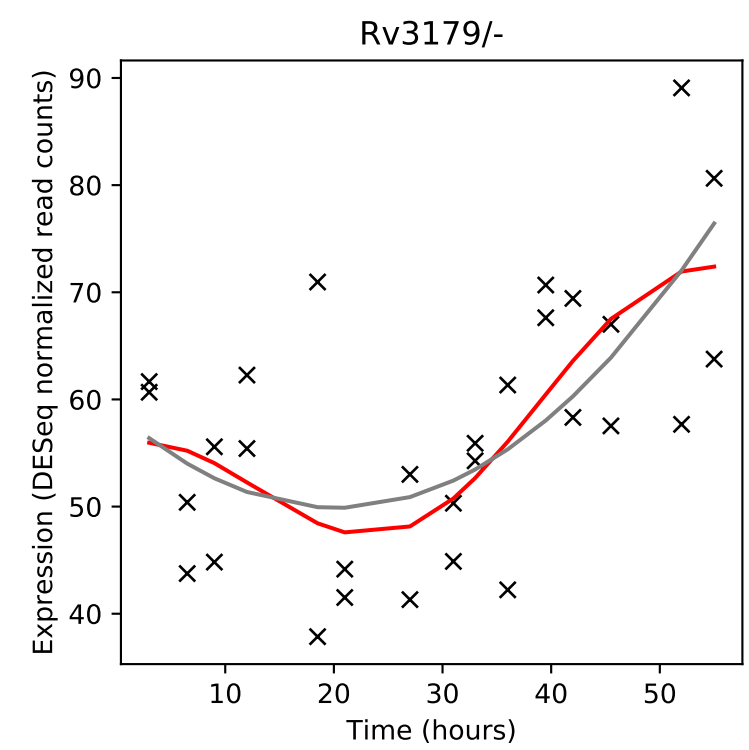

Rv3174/-
Expression (DESeq normalized read counts)
Time (hours)

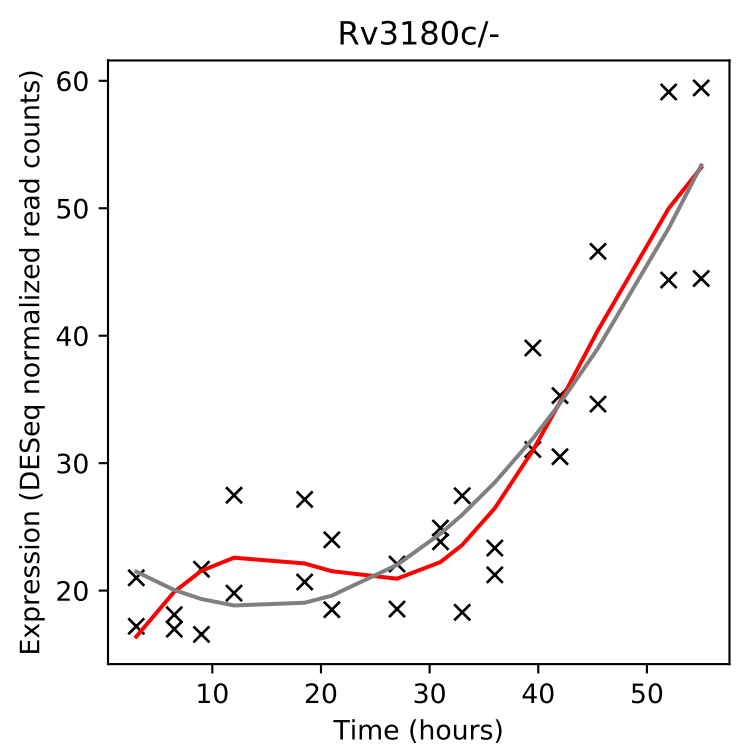

Rv3175/-
Expression (DESeq normalized read counts)
Time (hours)

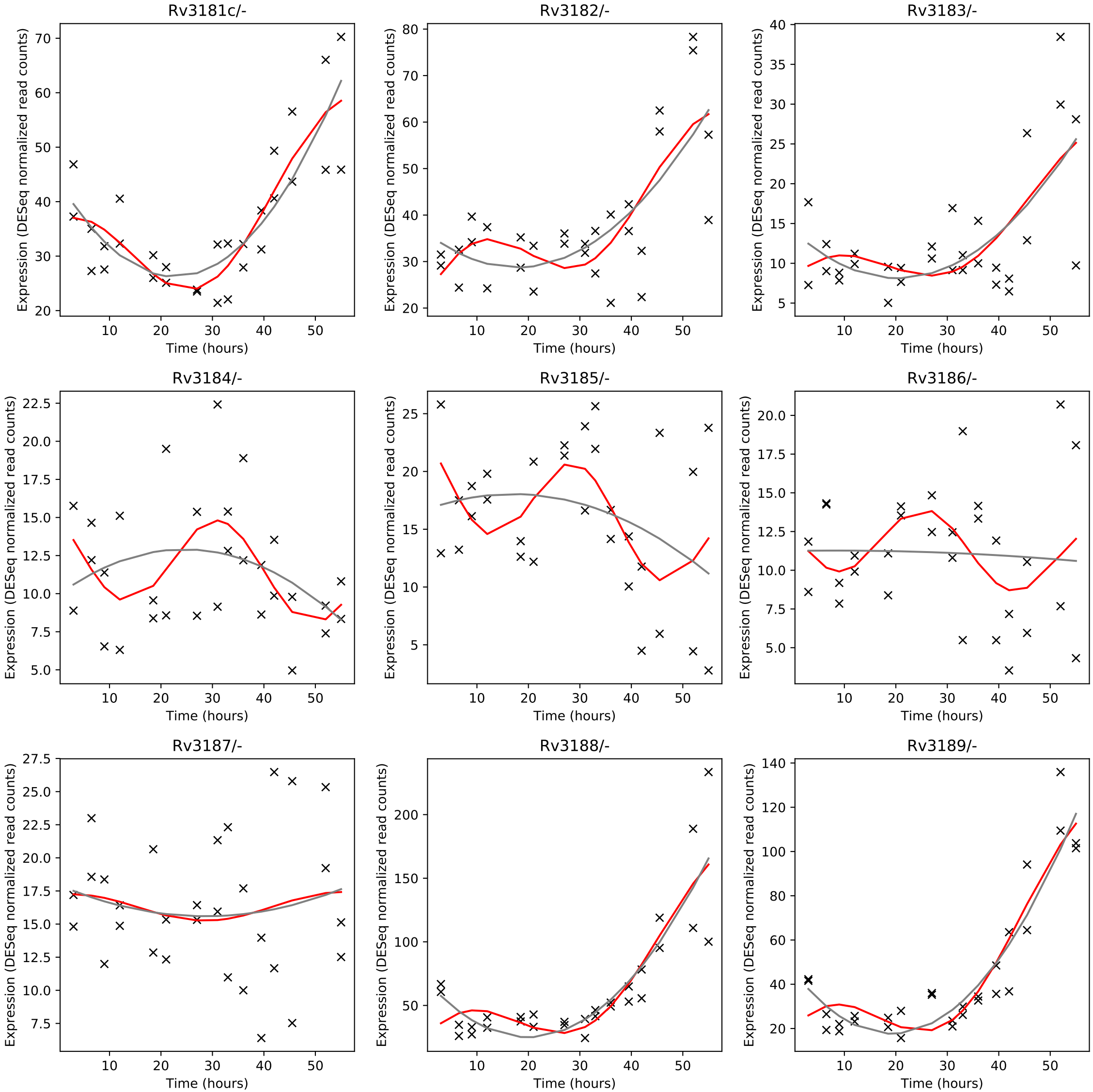

Rv3176c/mesT
Expression (DESeq normalized read counts)
Time (hours)

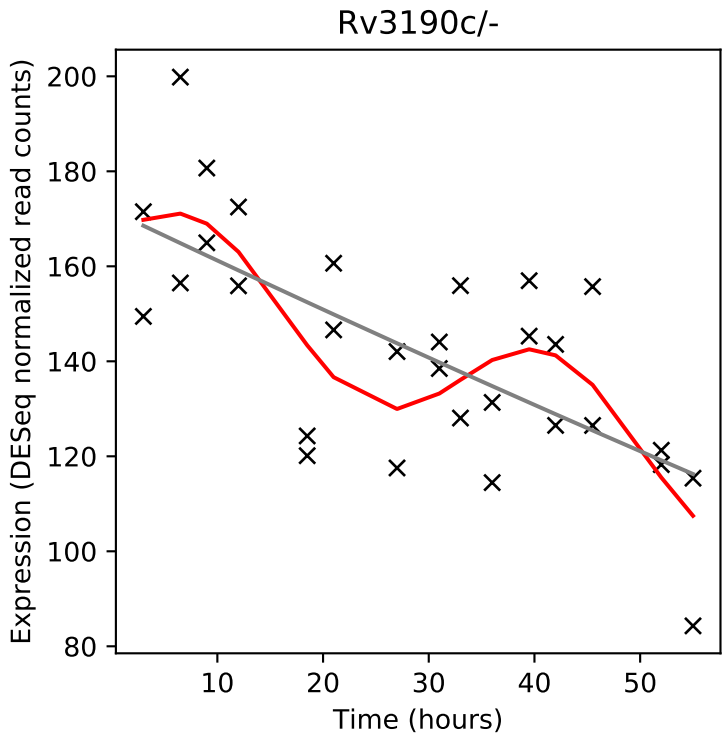

Rv3177/-
Expression (DESeq normalized read counts)
Time (hours)

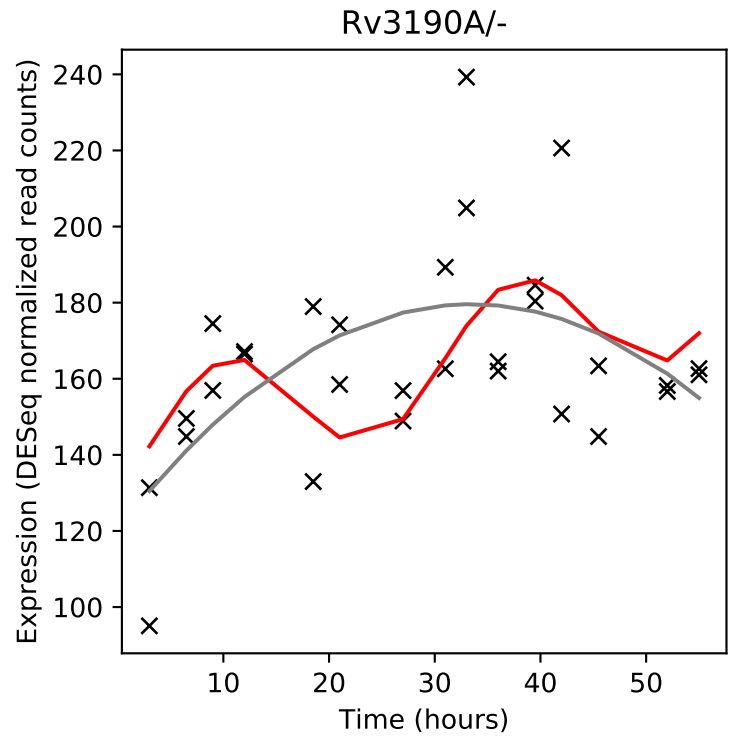

Rv3178/-
Expression (DESeq normalized read counts)
Time (hours)

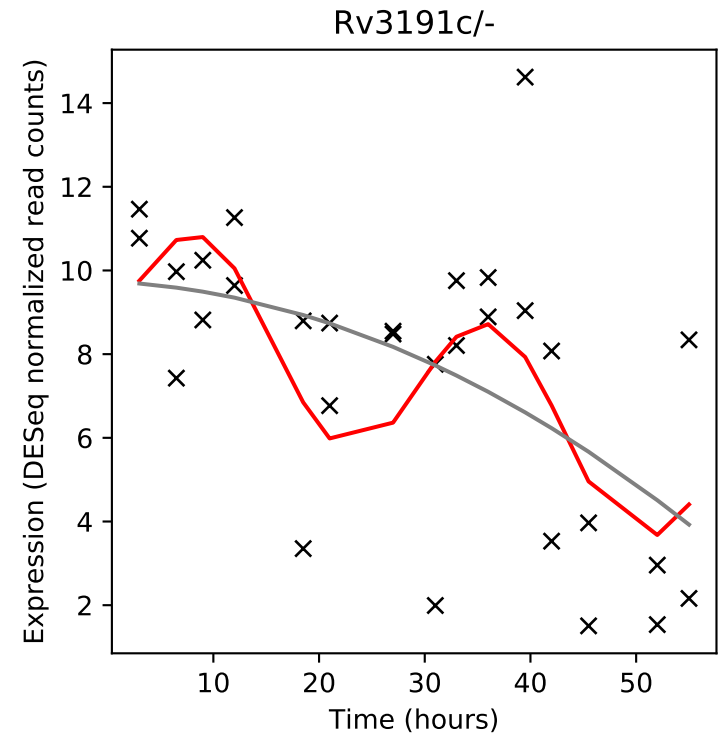

Rv3179/-
Expression (DESeq normalized read counts)
Time (hours)

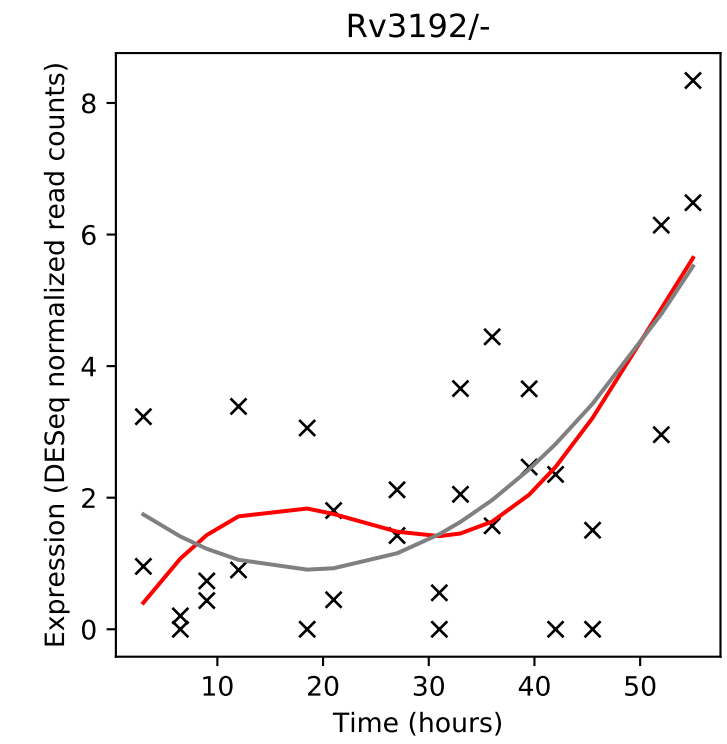

Rv3180c/-
Expression (DESeq normalized read counts)
Time (hours)

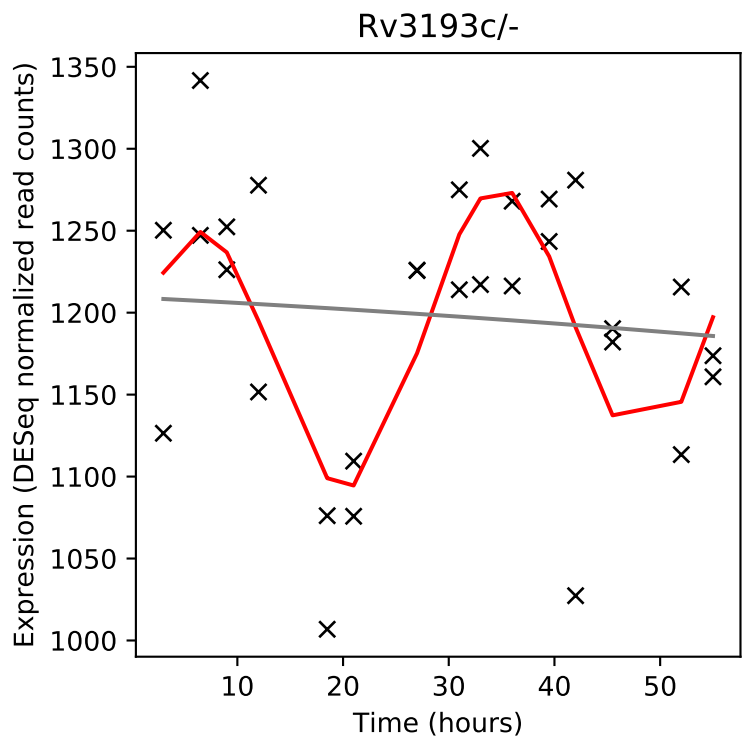

Rv3181c/-
Rv3182/-
Rv3183/-
Rv3184/-
Rv3185/-
Rv3186/-
Rv3187/-
Rv3188/-
Rv3189/-
Expression (DESeq normalized read counts)
Time (hours)

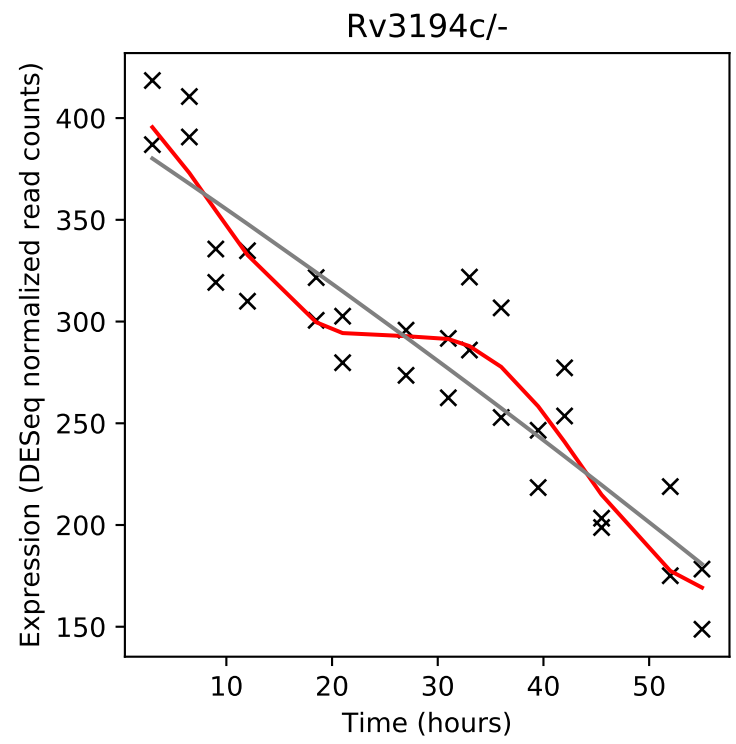

Rv3190c/-
Expression (DESeq normalized read counts)
Time (hours)

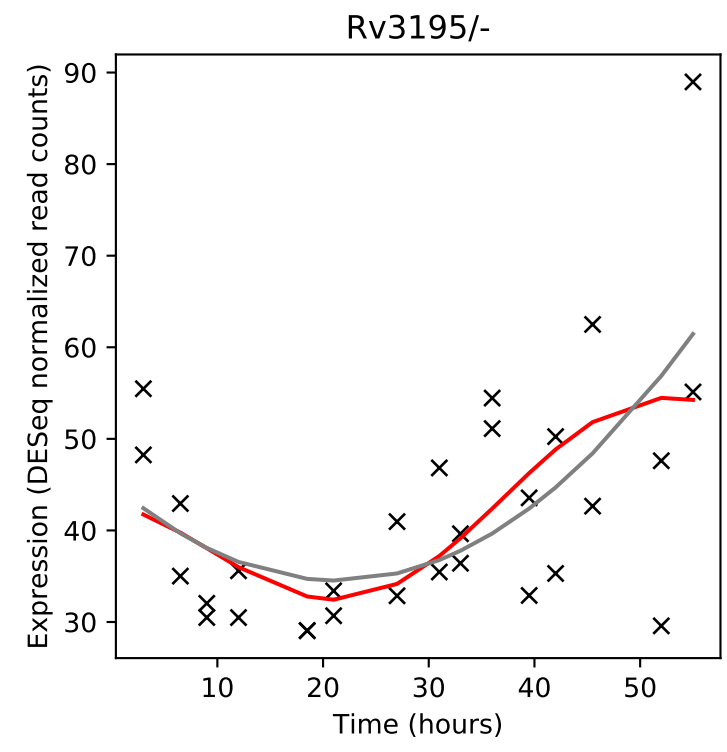

Rv3190A/-
Expression (DESeq normalized read counts)
Time (hours)

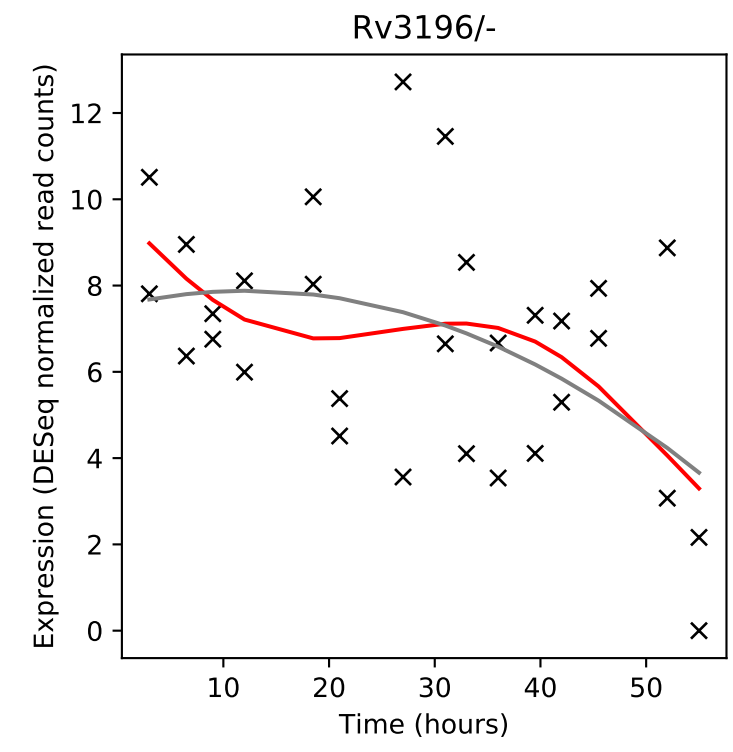

Rv3191c/-
Expression (DESeq normalized read counts)
Time (hours)

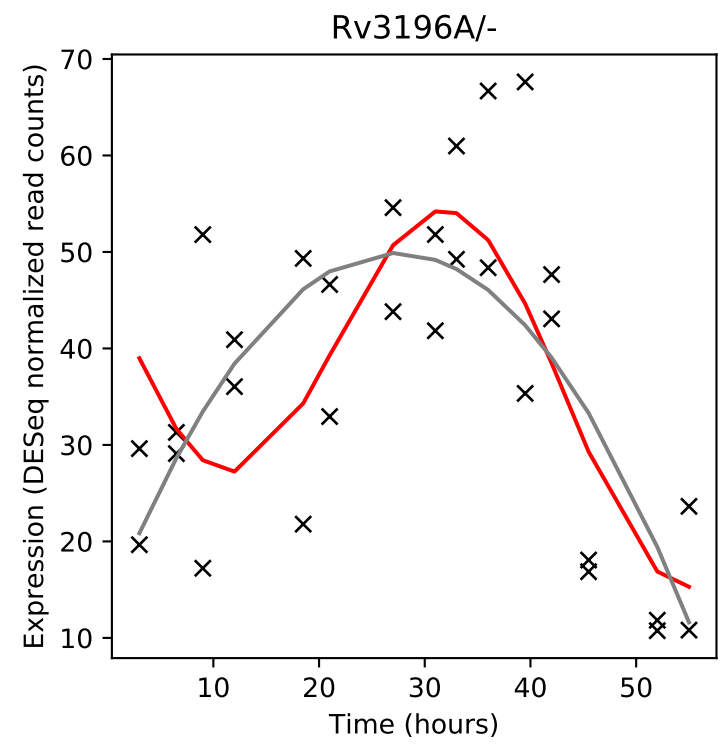

Rv3192/-
Expression (DESeq normalized read counts)
Time (hours)

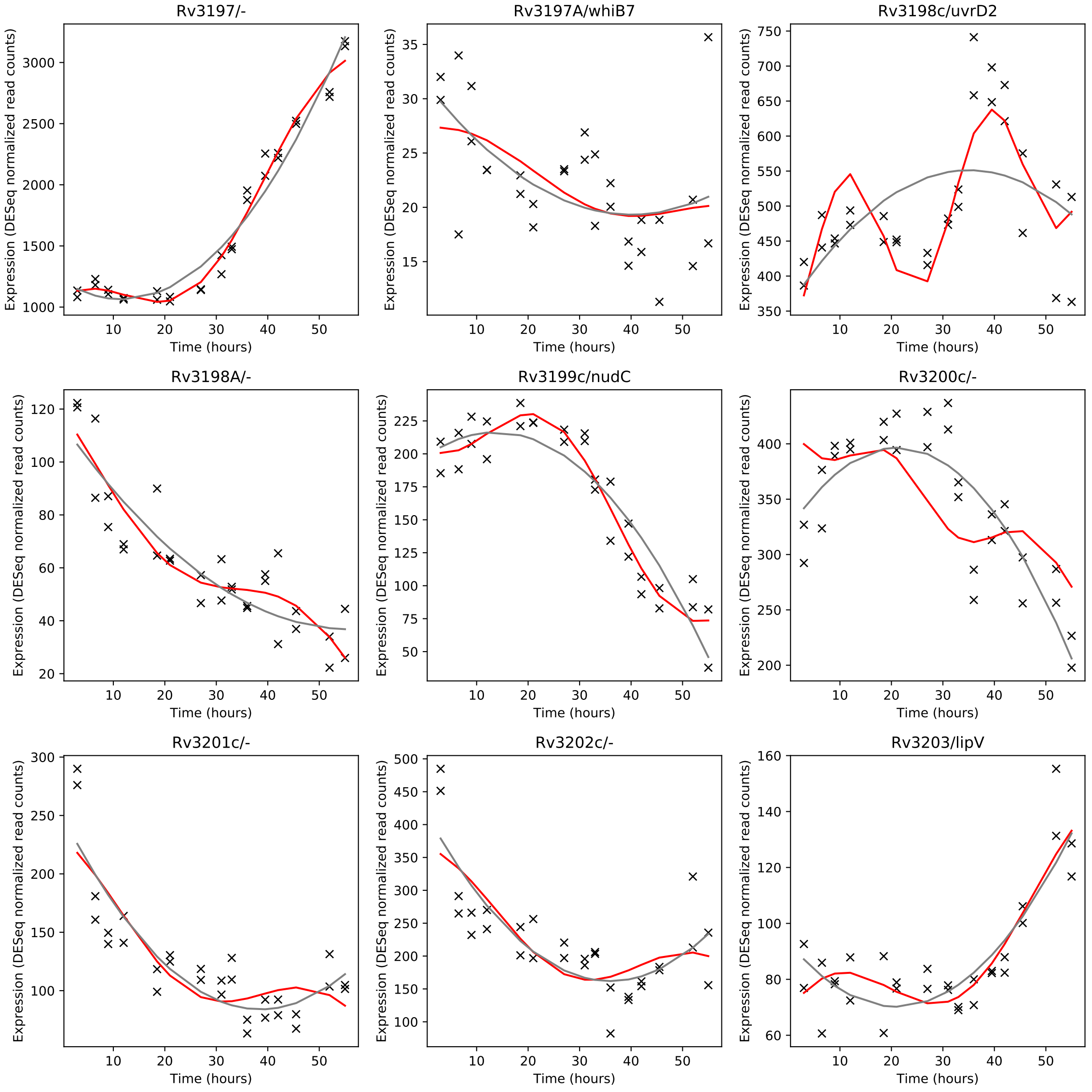

Rv3193c/-
Expression (DESeq normalized read counts)
Time (hours)

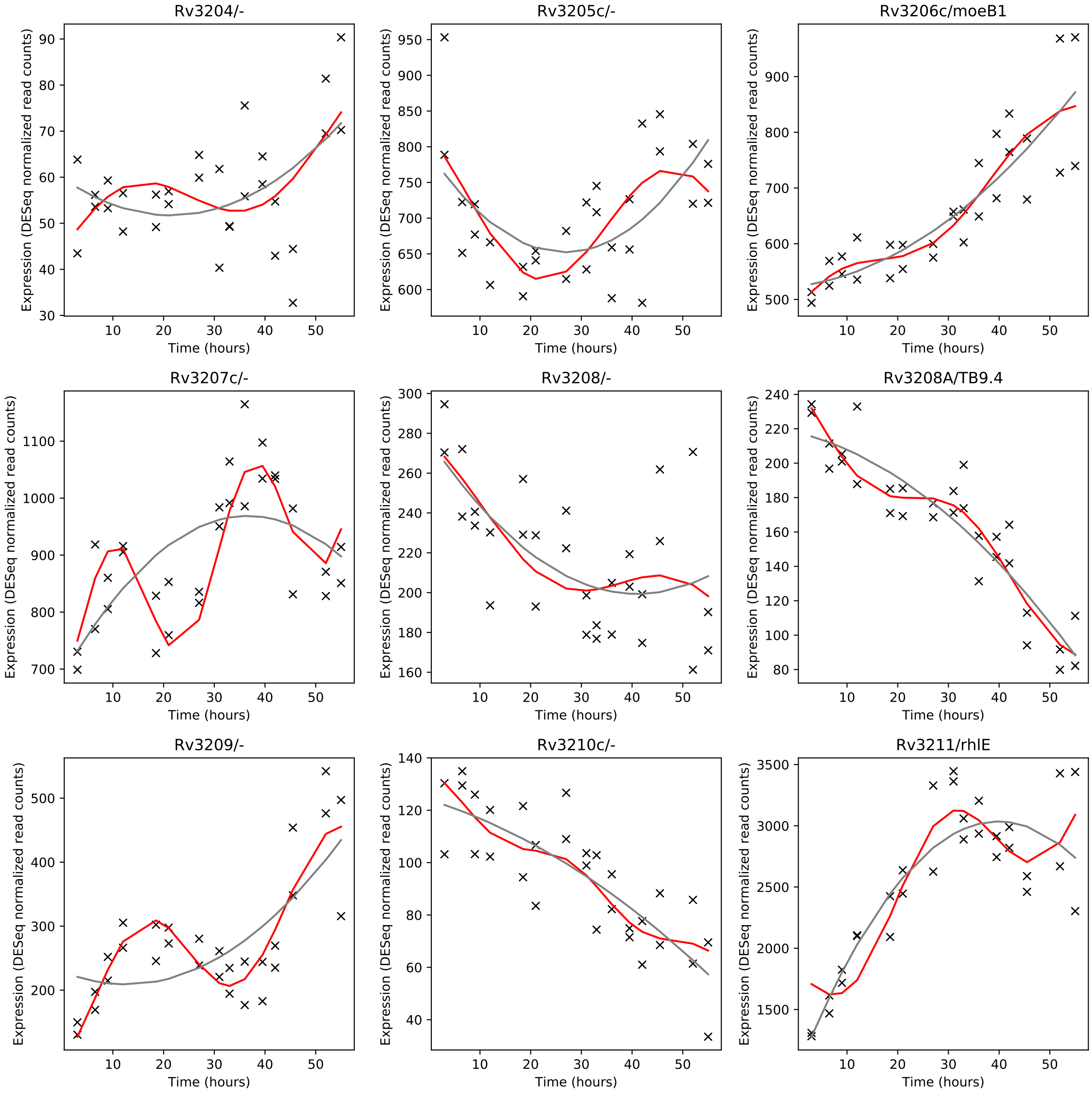

Rv3194c/-
Expression (DESeq normalized read counts)
Time (hours)

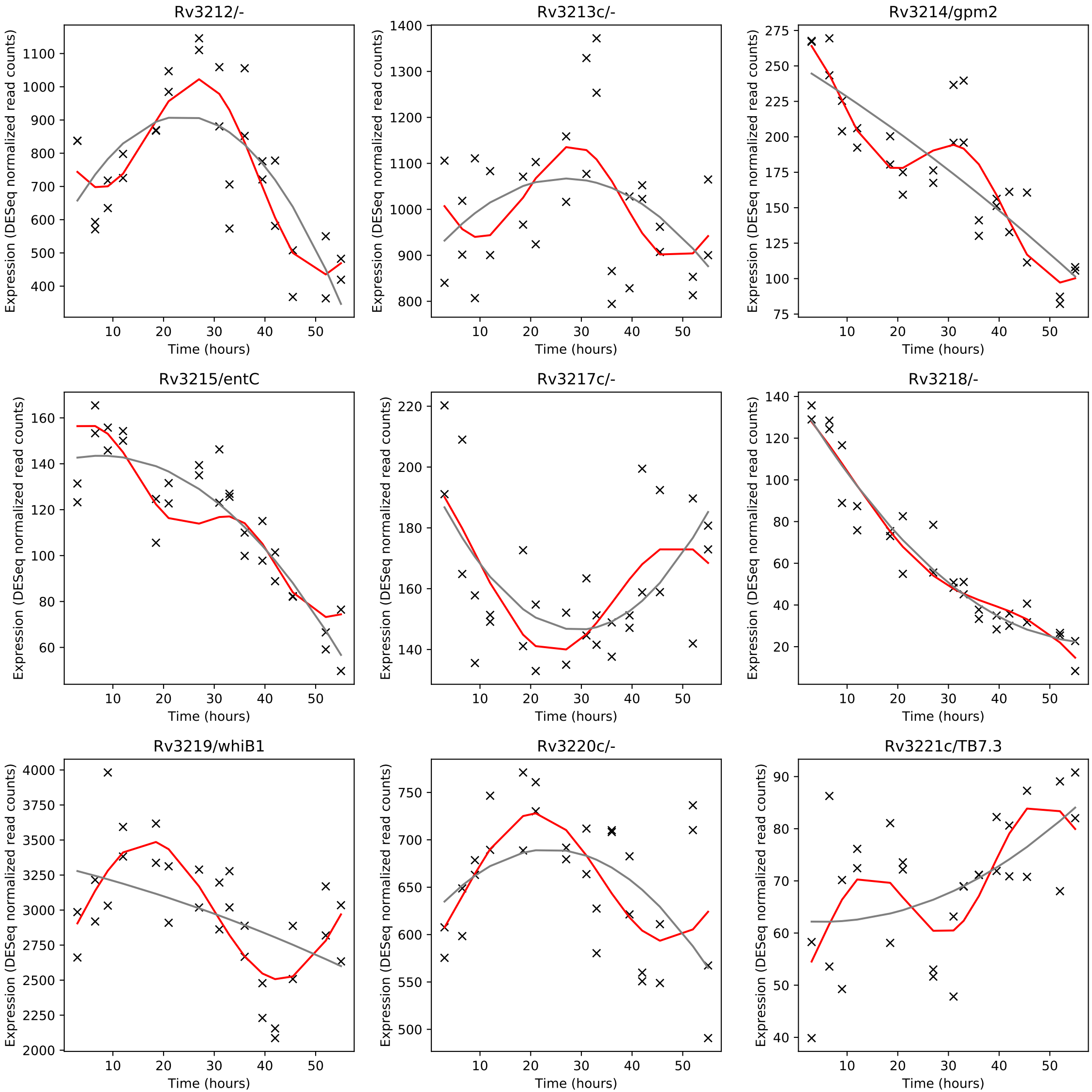

Rv3195/-
Expression (DESeq normalized read counts)
Time (hours)

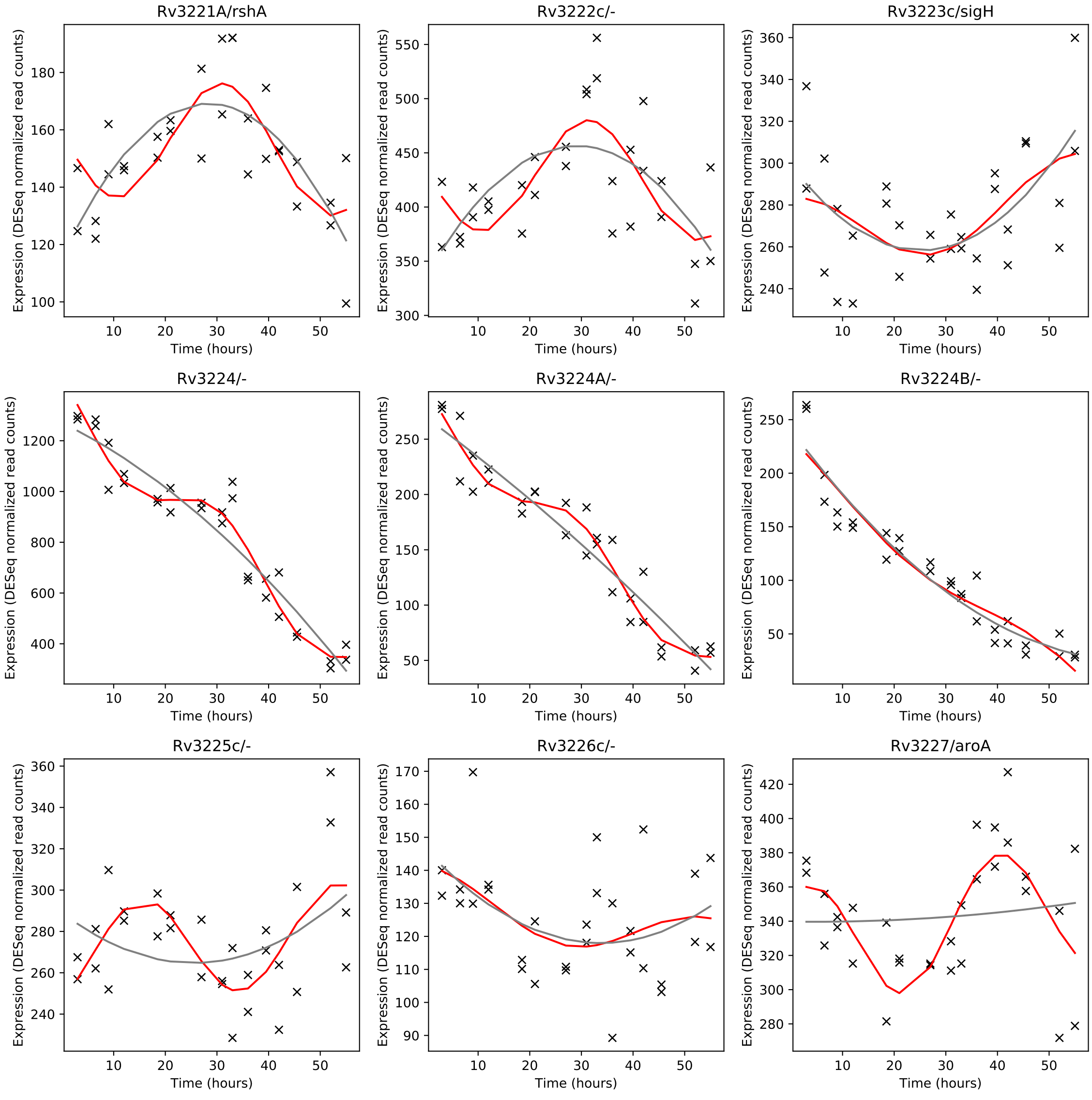

Rv3196/-
Expression (DESeq normalized read counts)
Time (hours)

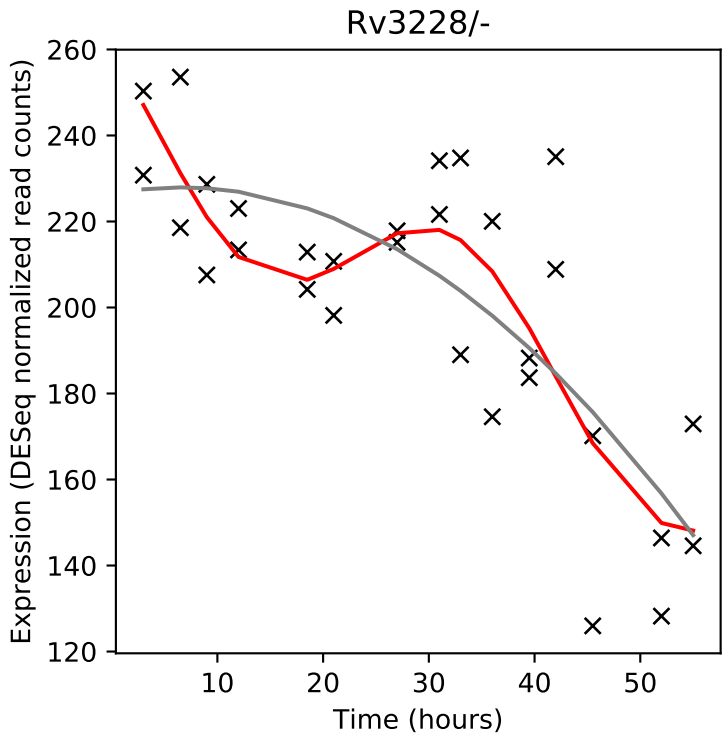

Rv3196A/-
Expression (DESeq normalized read counts)
Time (hours)

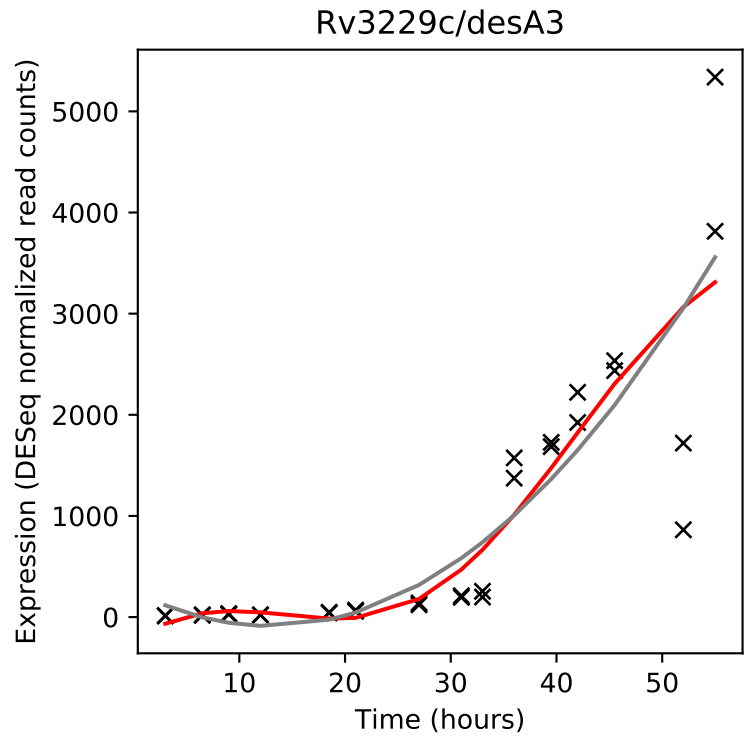

Rv3197/-
Rv3197A/whiB7
Rv3198c/uvrD2
Rv3198A/-
Rv3199c/nudC
Rv3200c/-
Rv3201c/-
Rv3202c/-
Rv3203/lipV
Expression (DESeq normalized read counts)
Time (hours)

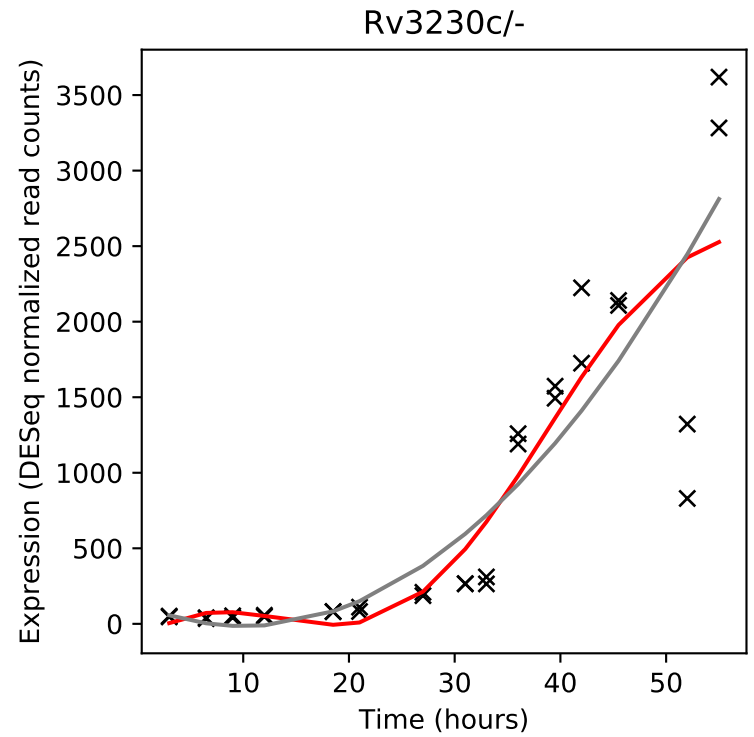

Rv3204/-
Rv3205c/-
Rv3206c/moeB1
Rv3207c/-
Rv3208/-
Rv3208A/TB9.4
Rv3209/-
Rv3210c/-
Rv3211/rhlE
Expression (DESeq normalized read counts)
Time (hours)

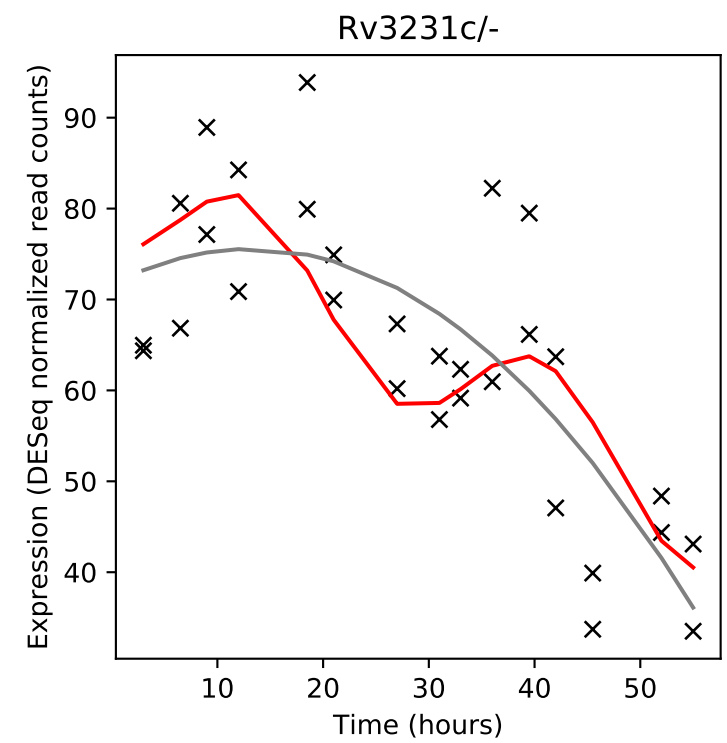

Rv3212/-
Rv3213c/-
Rv3214/gpm2
Rv3215/entC
Rv3217c/-
Rv3218/-
Rv3219/whiB1
Rv3220c/-
Rv3221c/TB7.3
Expression (DESeq normalized read counts)
Time (hours)

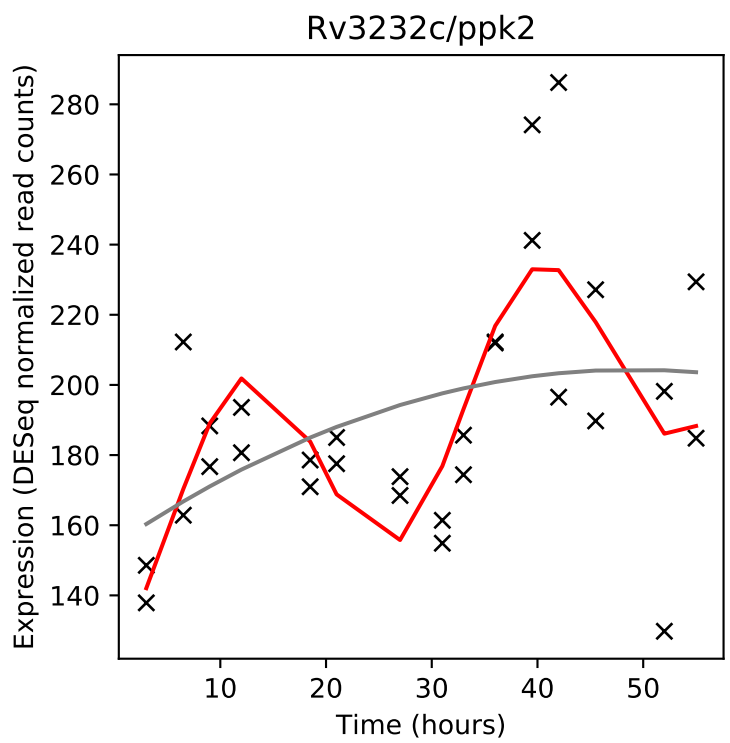

Rv3221A/rshA
Rv3222c/-
Rv3223c/sigH
Rv3224/-
Rv3224A/-
Rv3224B/-
Rv3225c/-
Rv3226c/-
Rv3227/aroA
Expression (DESeq normalized read counts)
Time (hours)

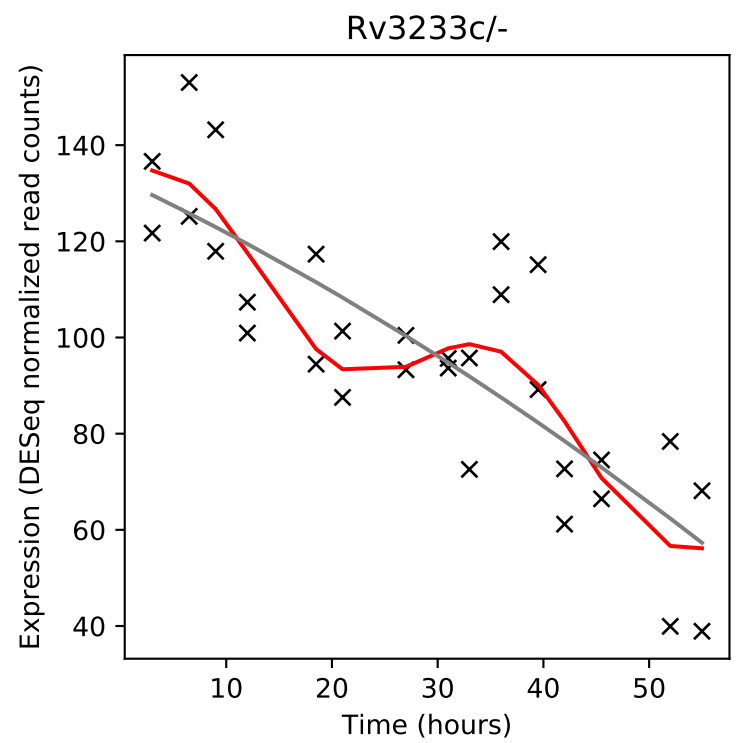

Rv3228/-
Expression (DESeq normalized read counts)
Time (hours)

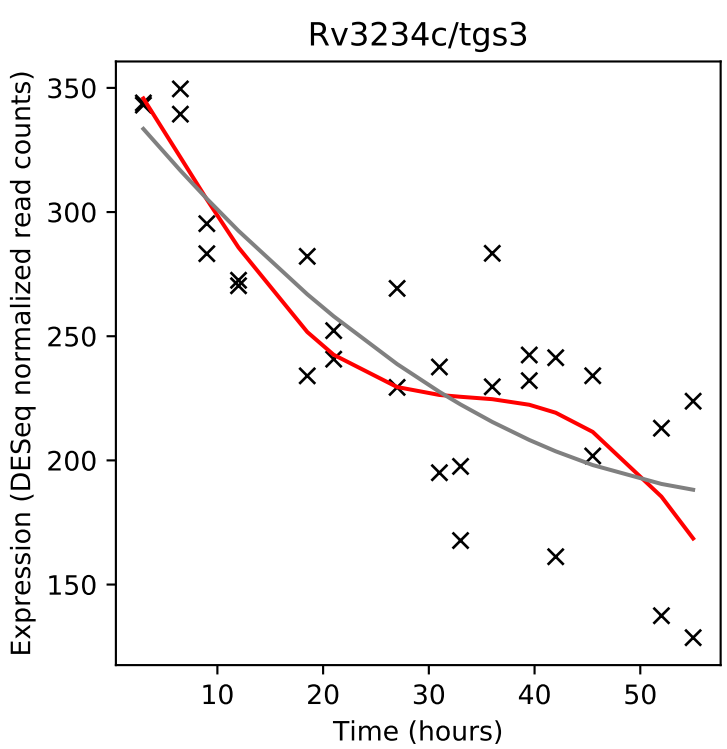

Rv3229c/desA3
Expression (DESeq normalized read counts)
Time (hours)

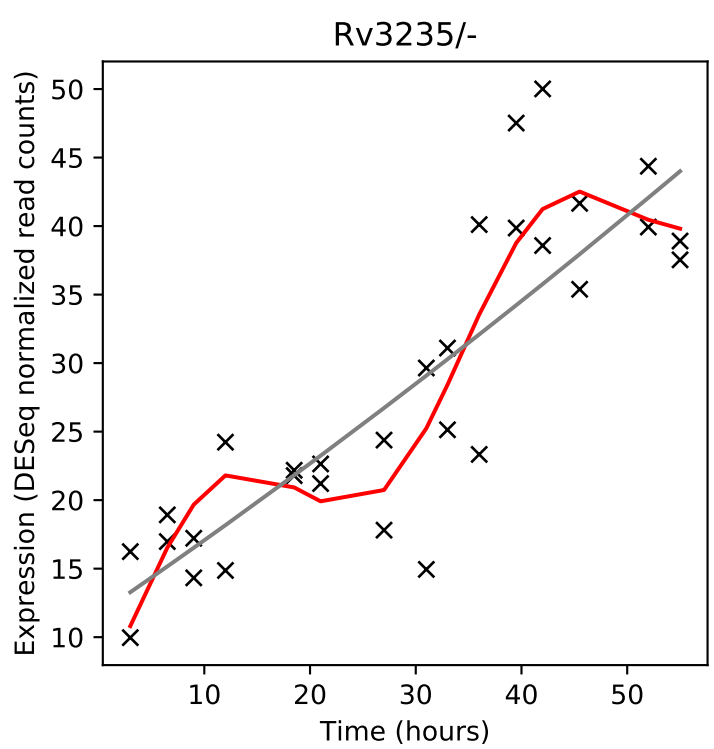

Rv3230c/-
Expression (DESeq normalized read counts)
Time (hours)

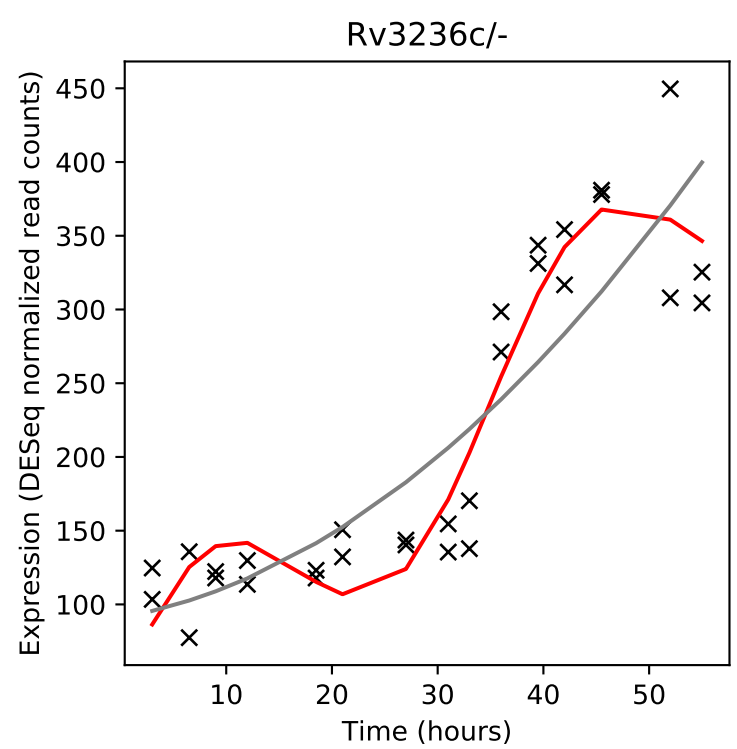

Rv3231c/-
Expression (DESeq normalized read counts)
Time (hours)

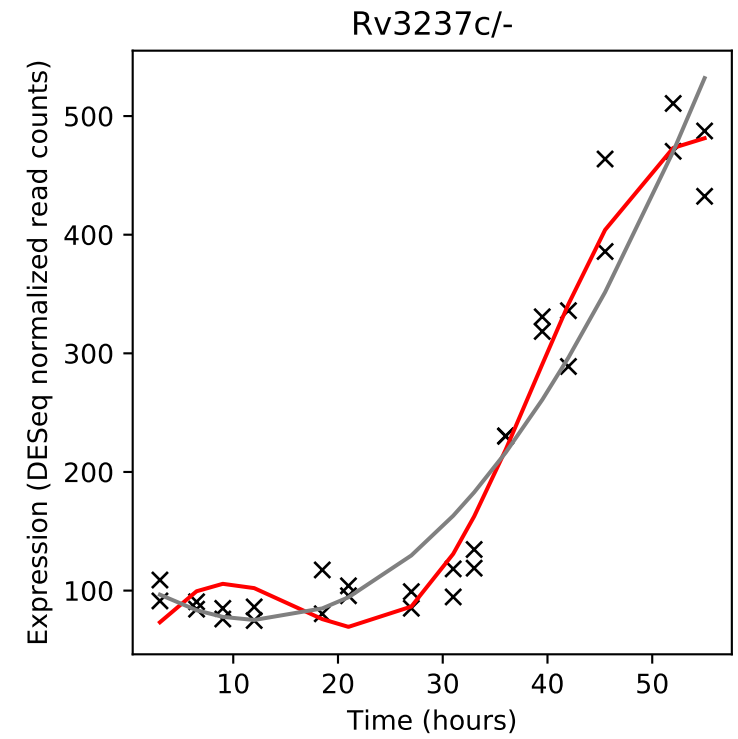

Rv3232c/ppk2
Expression (DESeq normalized read counts)
Time (hours)

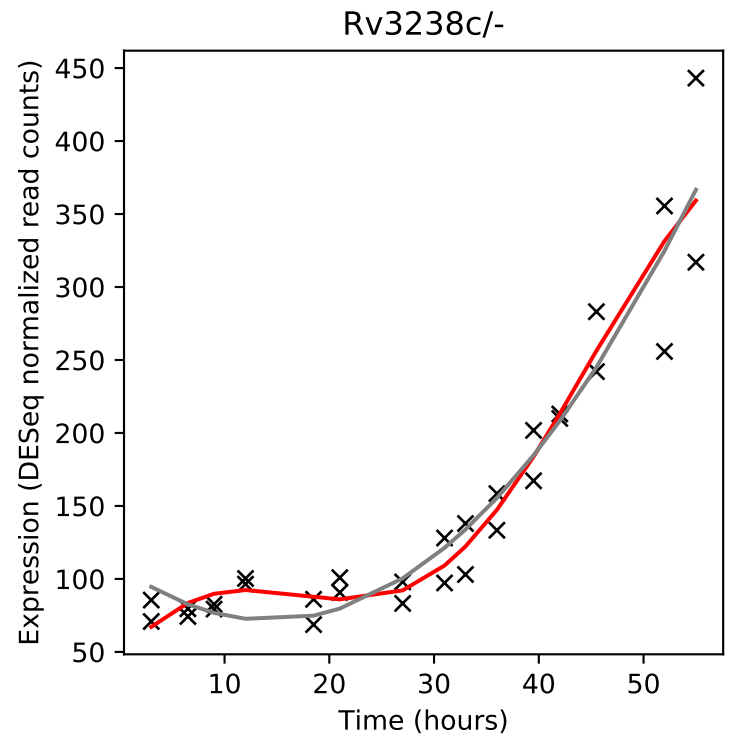

Rv3233c/-
Expression (DESeq normalized read counts)
Time (hours)

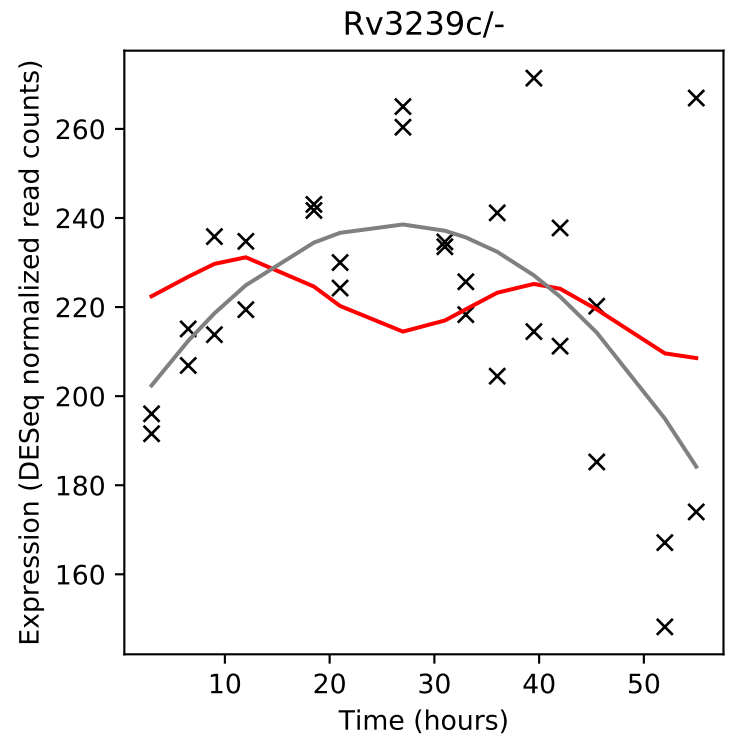

Rv3234c/tgs3
Expression (DESeq normalized read counts)
Time (hours)

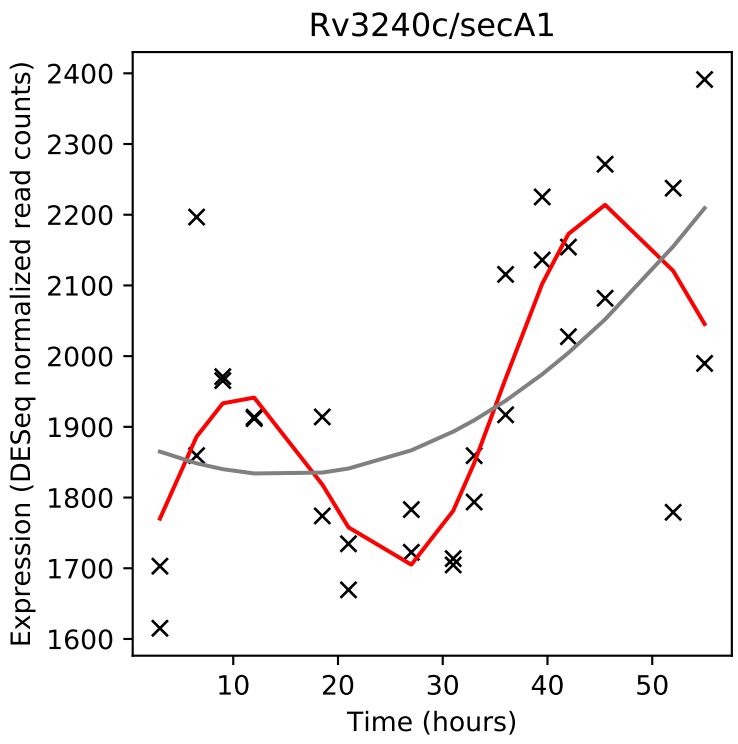

Rv3235/-
Expression (DESeq normalized read counts)
Time (hours)

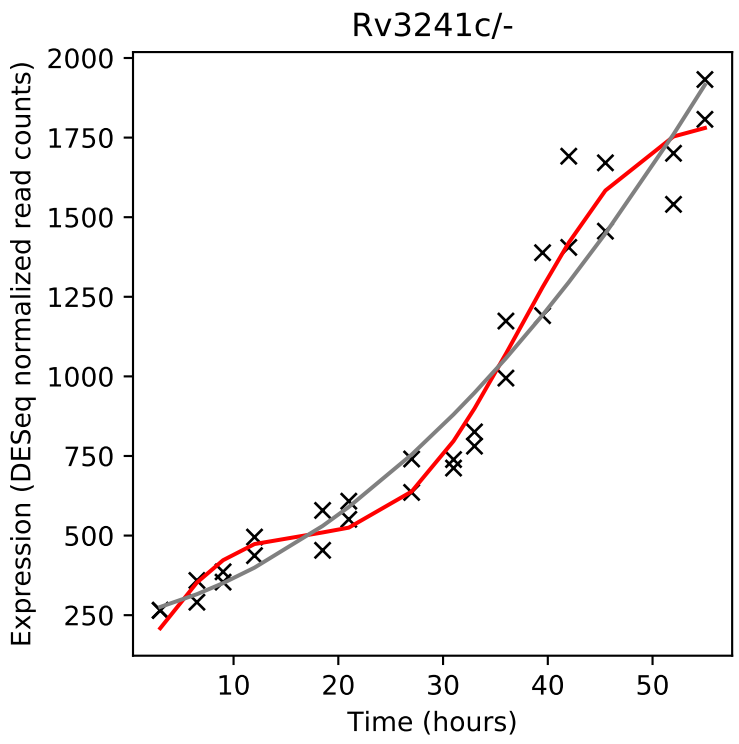

Rv3236c/-
Expression (DESeq normalized read counts)
Time (hours)

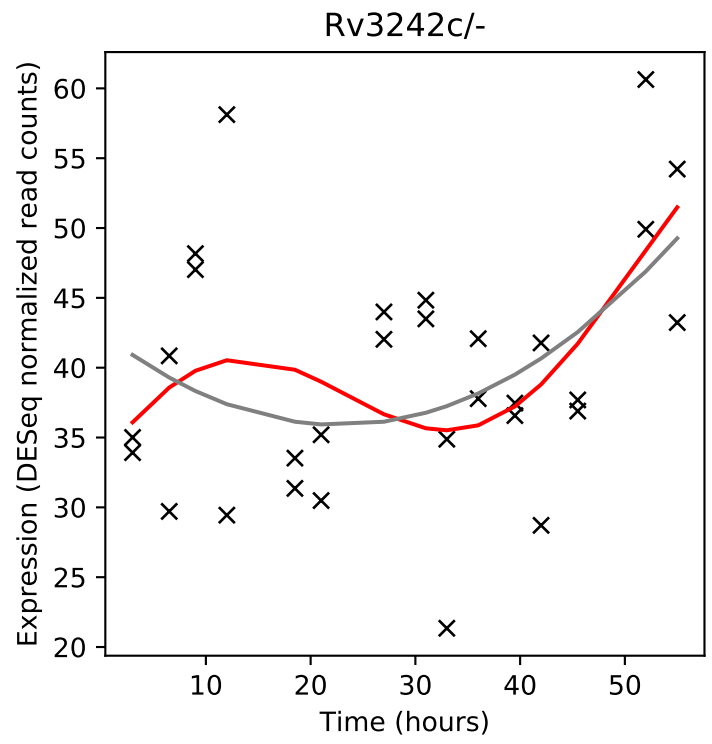

Rv3237c/-
Expression (DESeq normalized read counts)
Time (hours)

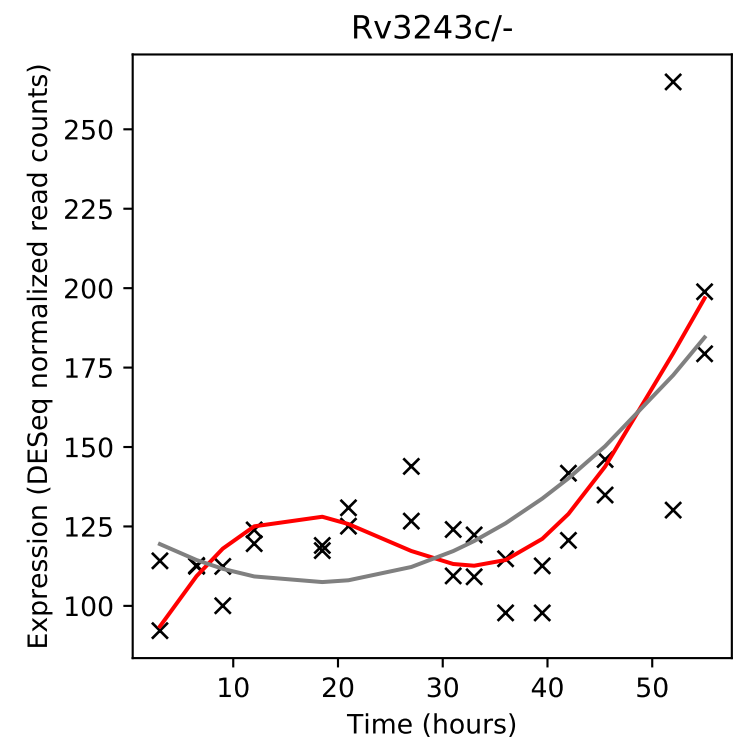

Rv3238c/-
Expression (DESeq normalized read counts)
Time (hours)

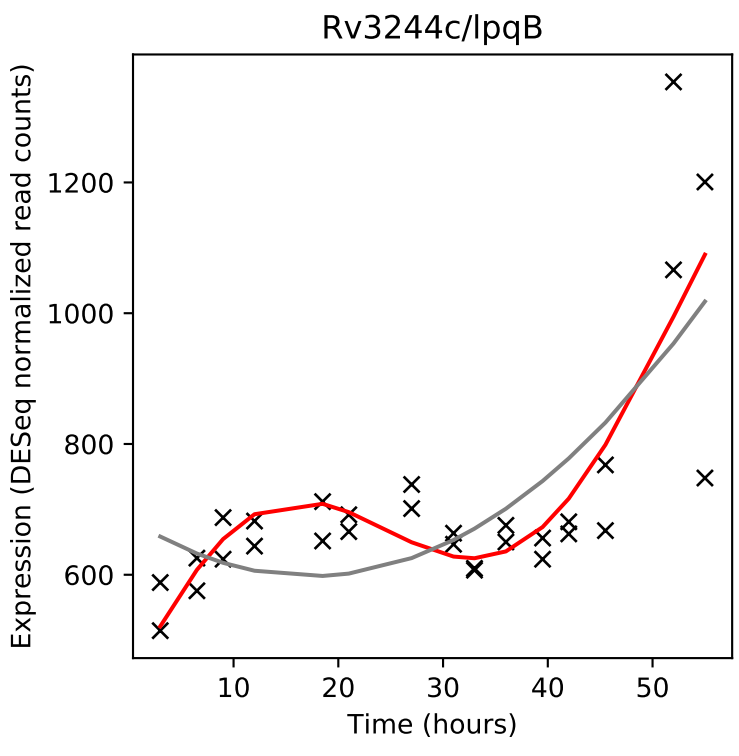

Rv3239c/-
Expression (DESeq normalized read counts)
Time (hours)

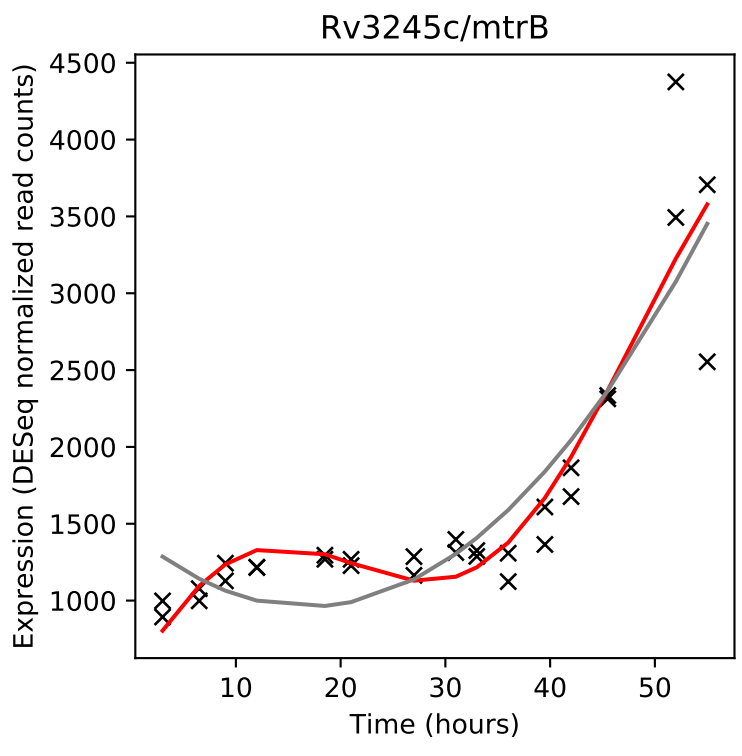

Rv3240c/secA1
Expression (DESeq normalized read counts)
Time (hours)

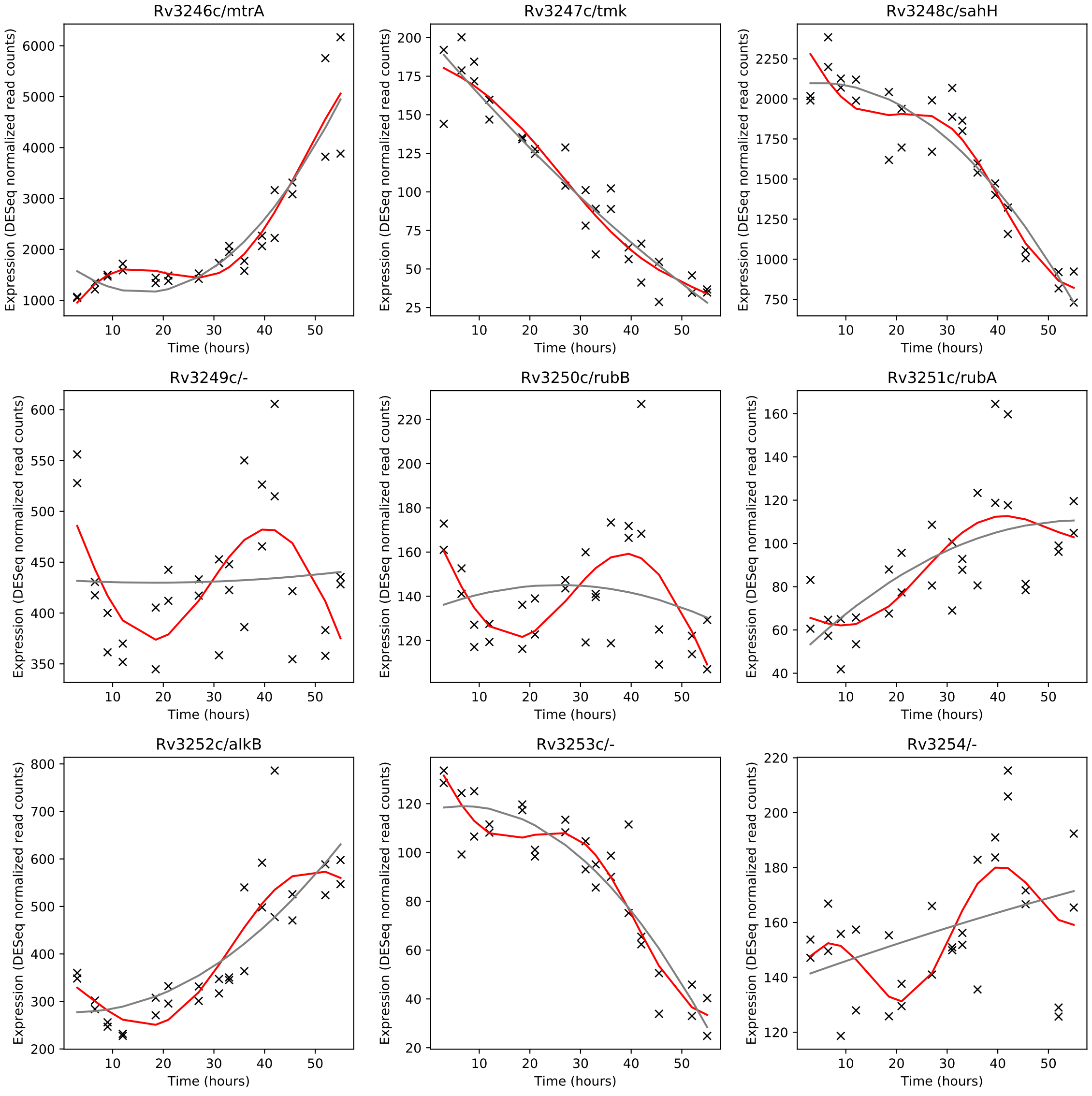

Rv3241c/-
Expression (DESeq normalized read counts)
Time (hours)

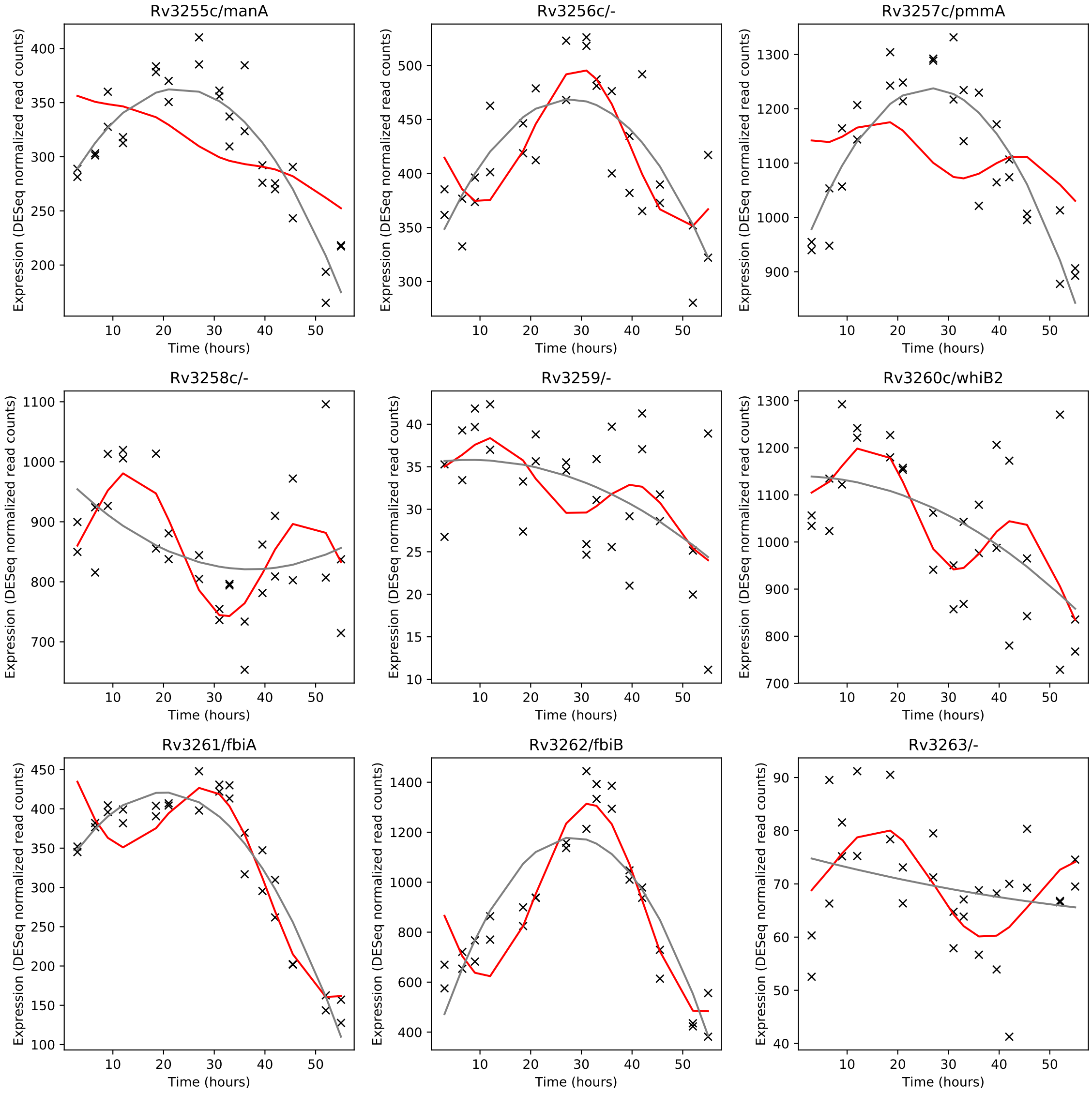

Rv3242c/-
Expression (DESeq normalized read counts)
Time (hours)

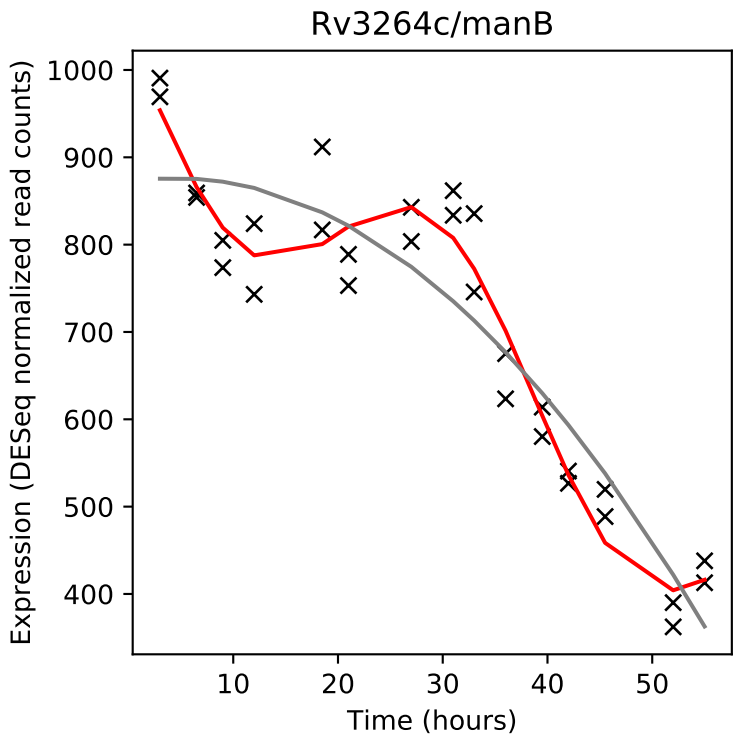

Rv3243c/-
Expression (DESeq normalized read counts)
Time (hours)

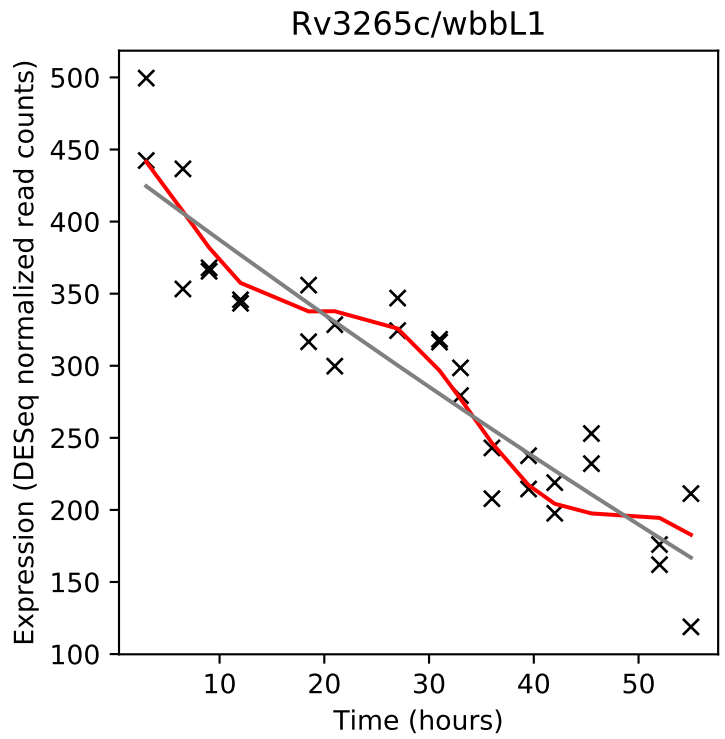

Rv3244c/lpqB
Expression (DESeq normalized read counts)
Time (hours)

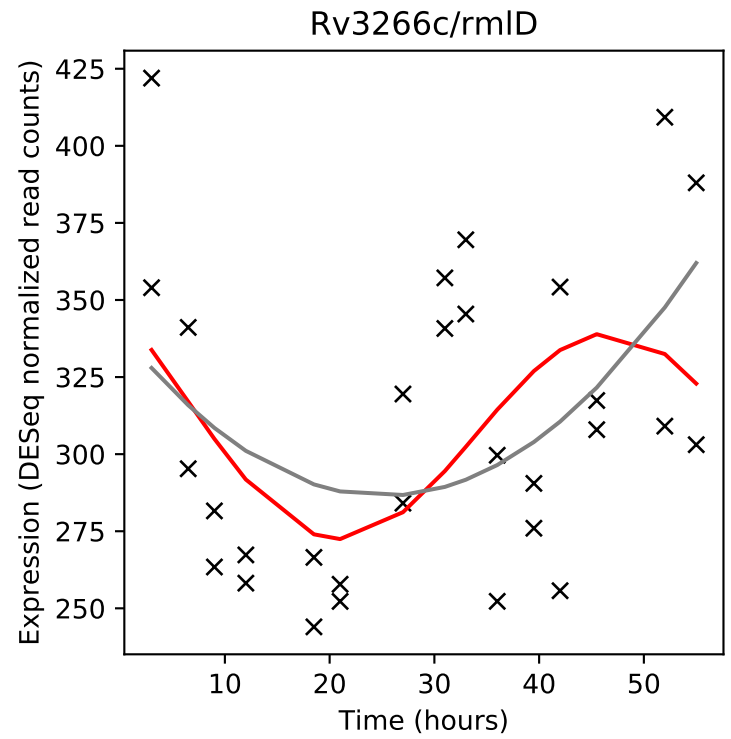

Rv3245c/mtrB
Expression (DESeq normalized read counts)
Time (hours)

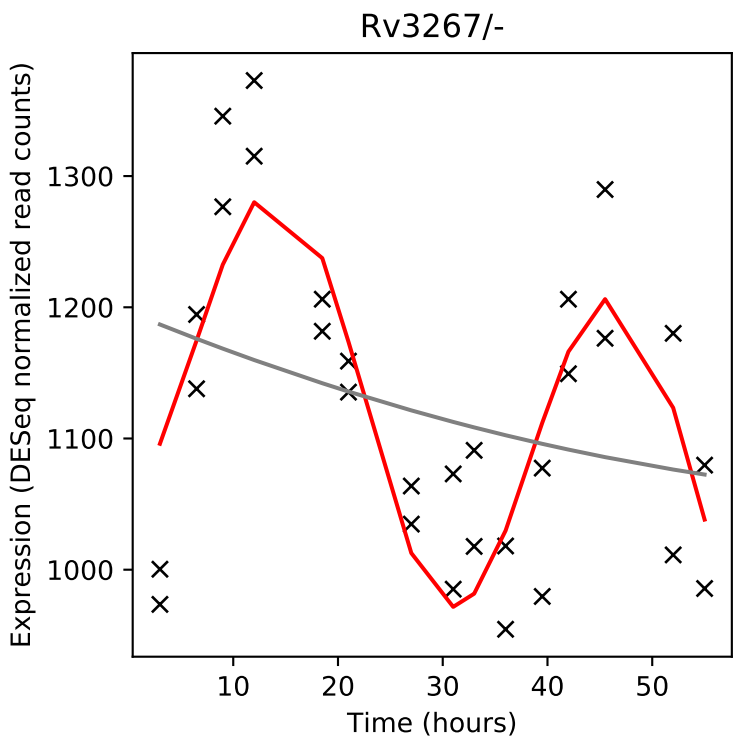

Rv3246c/mtrA
Rv3247c/tmk
Rv3248c/sahH
Rv3249c/-
Rv3250c/rubB
Rv3251c/rubA
Rv3252c/alkB
Rv3253c/-
Rv3254/-
Expression (DESeq normalized read counts)
Time (hours)

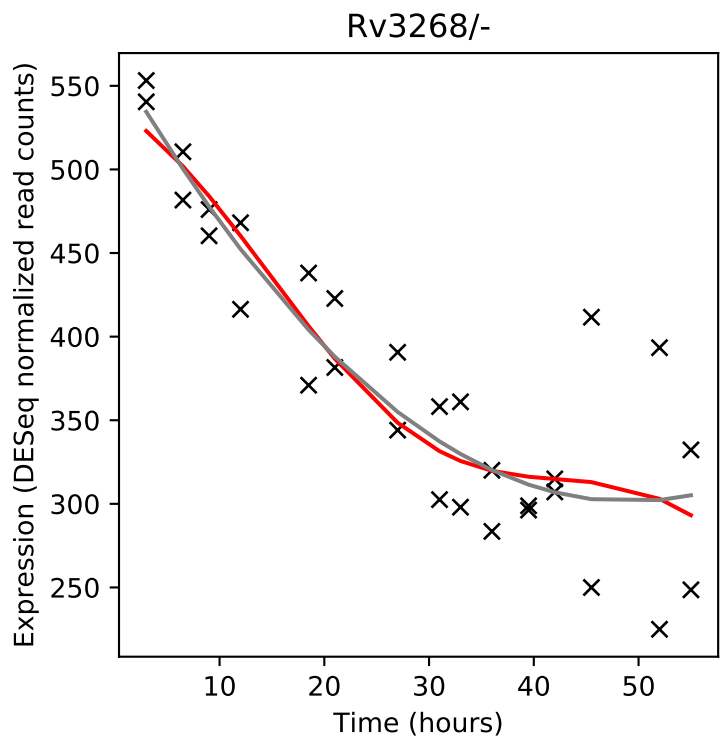

Rv3255c/manA
Rv3256c/-
Rv3257c/pmmA
Rv3258c/-
Rv3259/-
Rv3260c/whiB2
Rv3261/fbiA
Rv3262/fbiB
Rv3263/-
Expression (DESeq normalized read counts)
Time (hours)

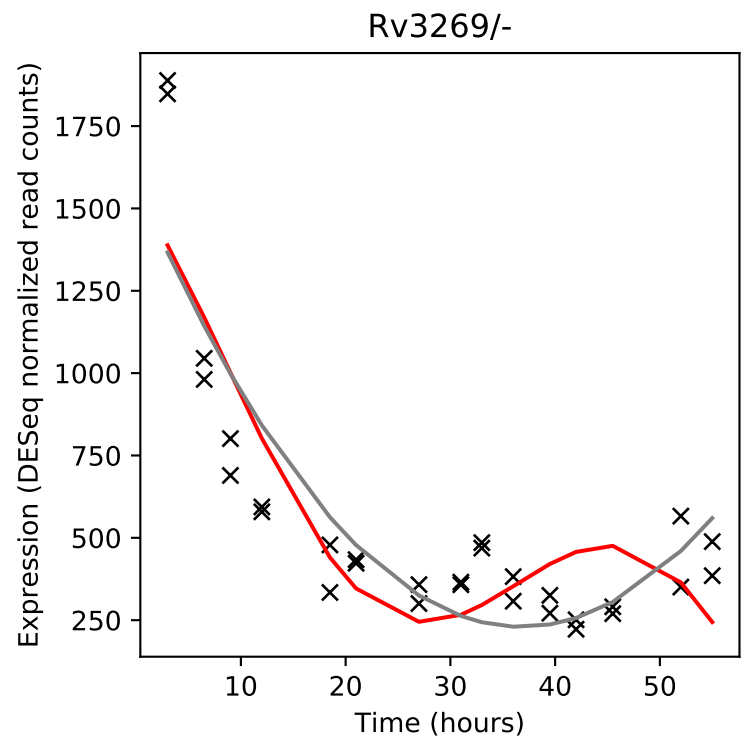

Rv3264c/manB
Expression (DESeq normalized read counts)
Time (hours)

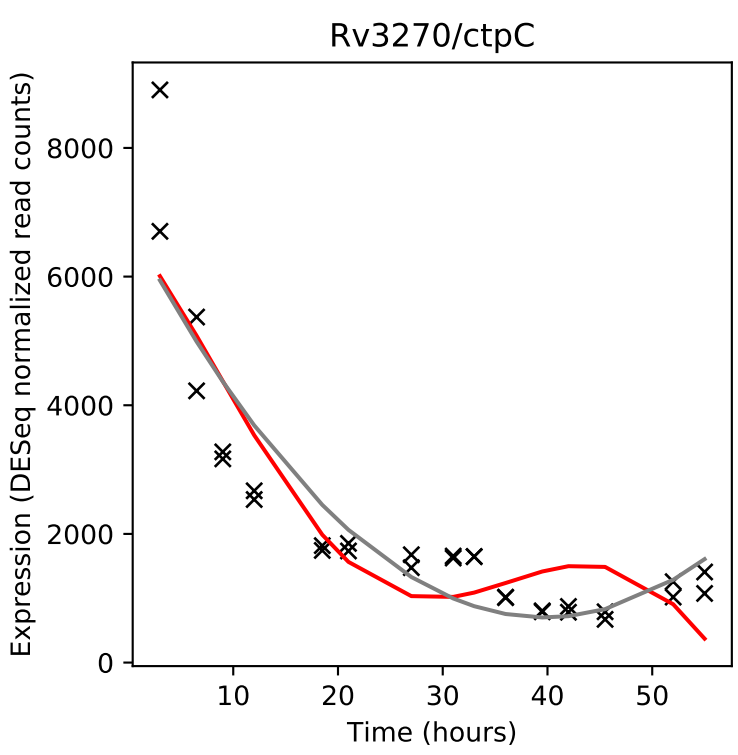

Rv3265c/wbbL1
Expression (DESeq normalized read counts)
Time (hours)

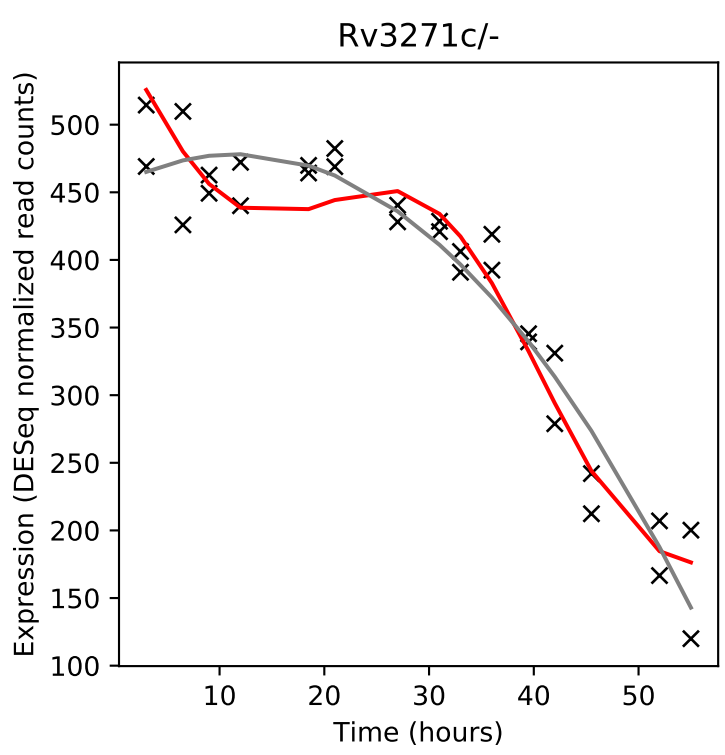

Rv3266c/rmlD
Expression (DESeq normalized read counts)
Time (hours)

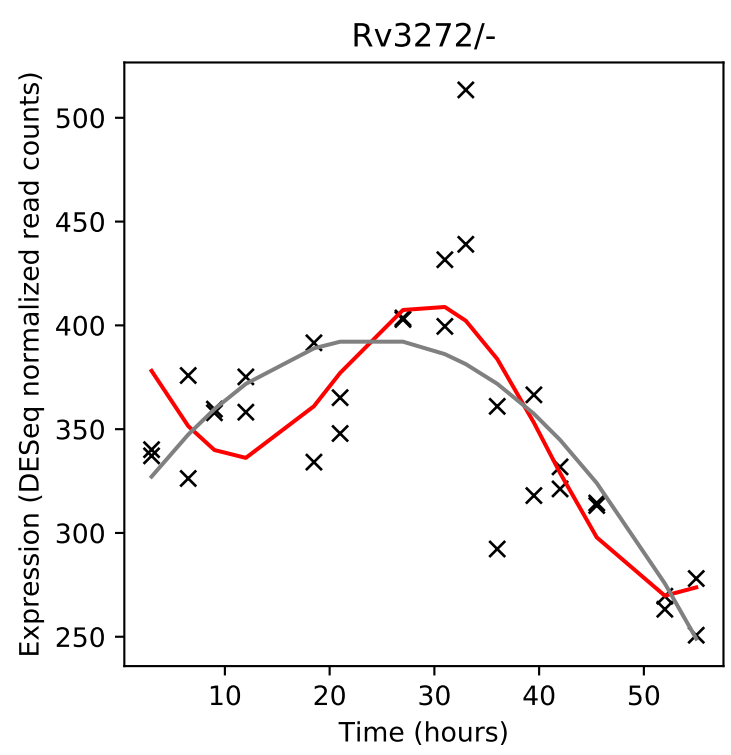

Rv3267/-
Expression (DESeq normalized read counts)
Time (hours)

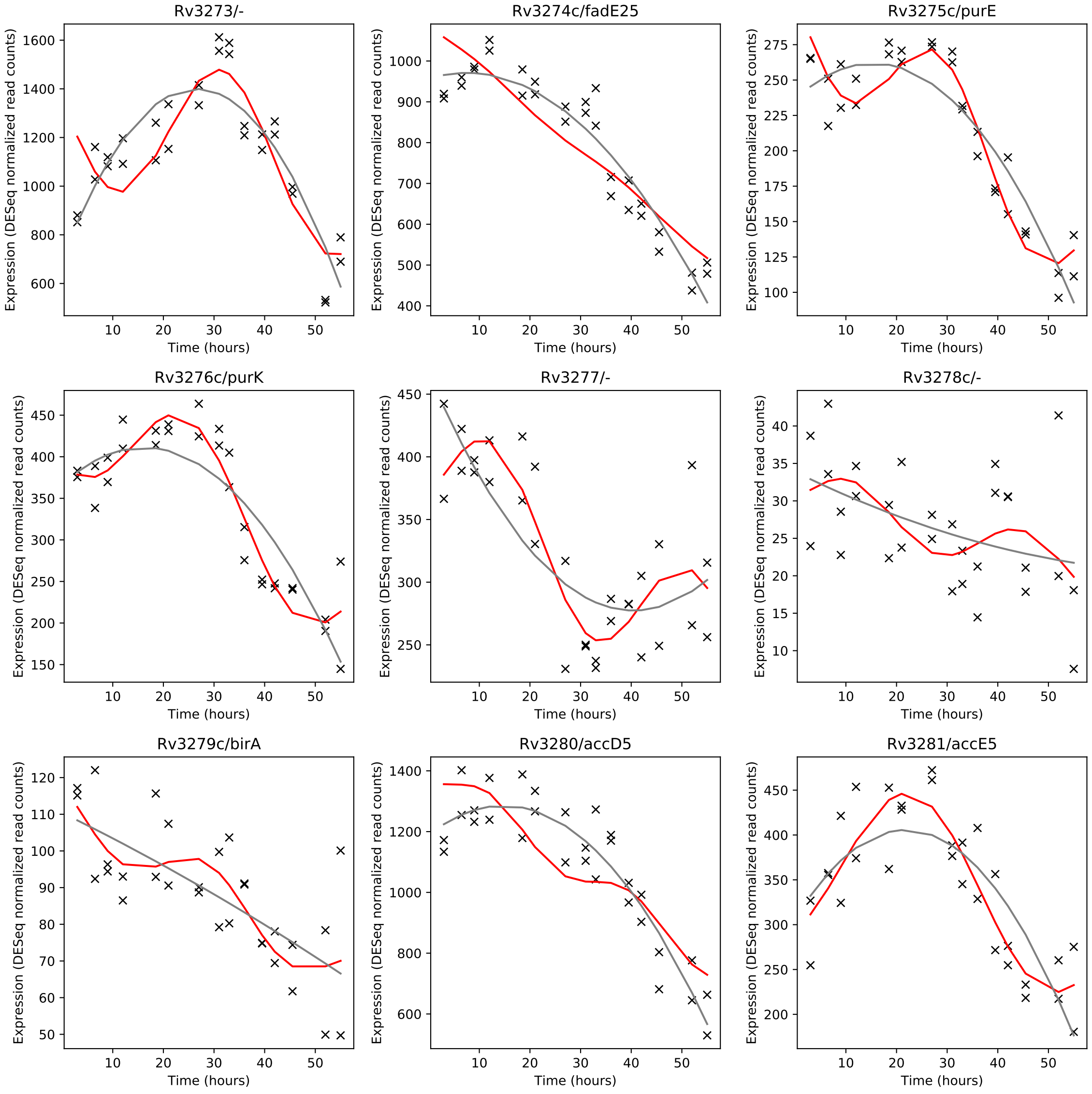

Rv3268/-
Expression (DESeq normalized read counts)
Time (hours)

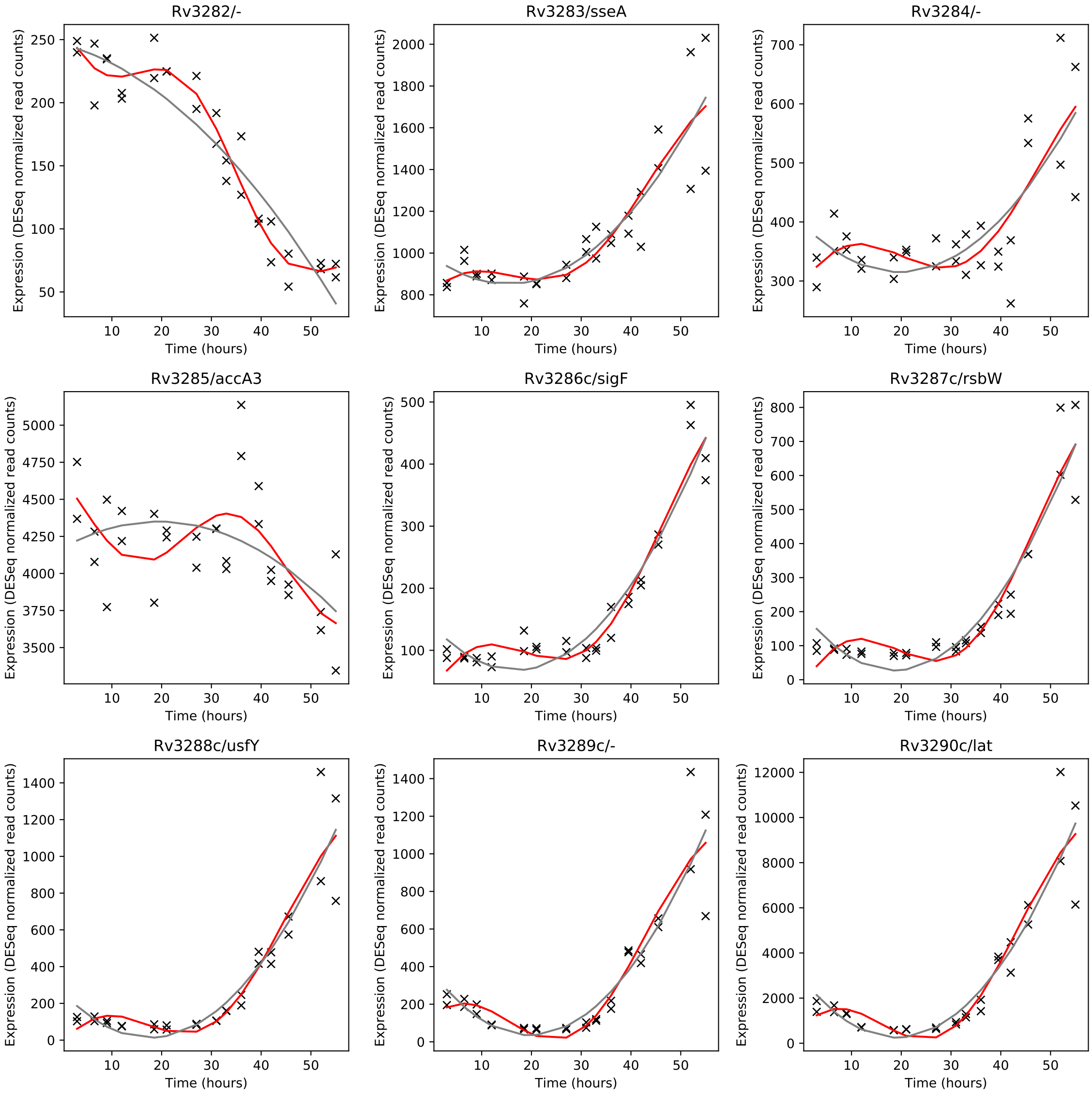

Rv3269/-
Expression (DESeq normalized read counts)
Time (hours)

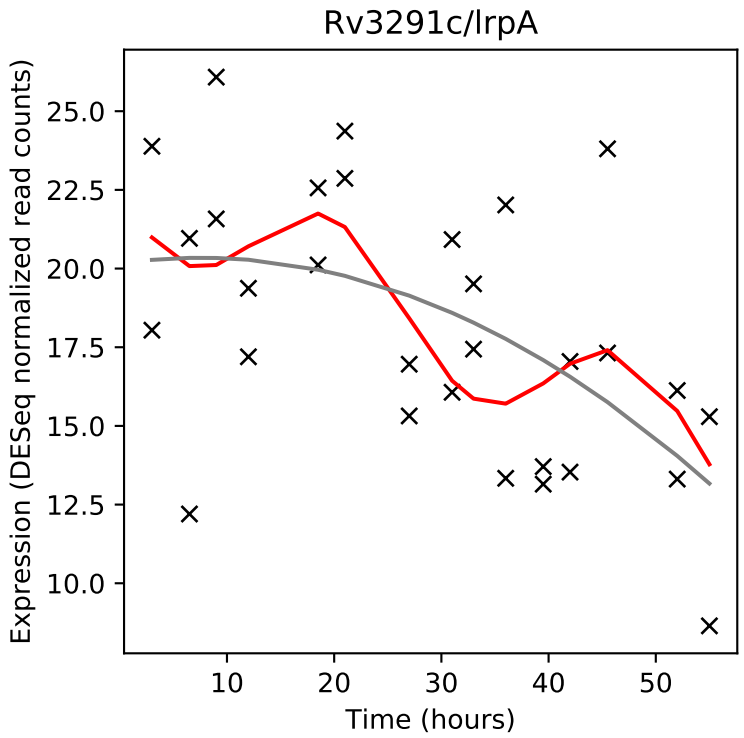

Rv3270/ctpC
Expression (DESeq normalized read counts)
Time (hours)

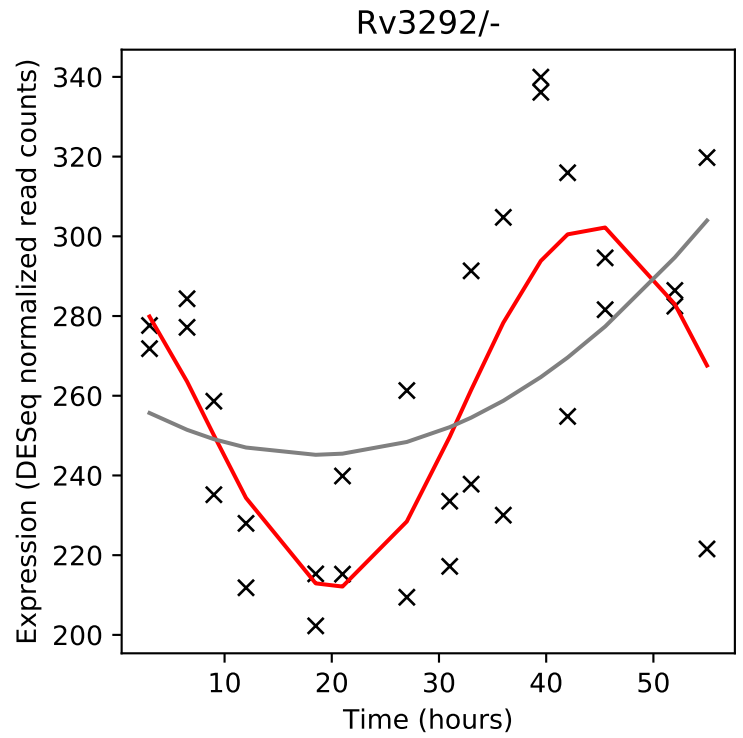

Rv3271c/-
Expression (DESeq normalized read counts)
Time (hours)

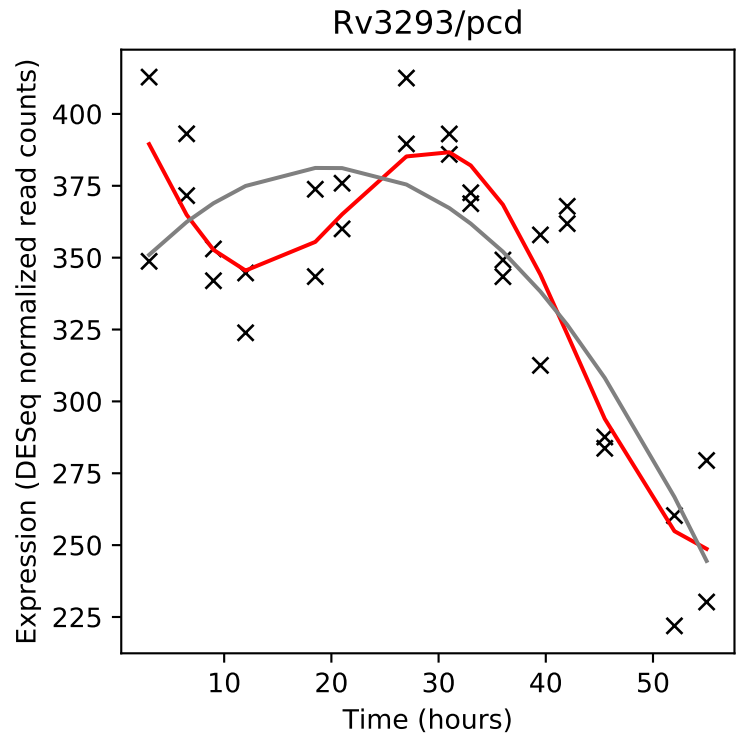

Rv3272/-
Expression (DESeq normalized read counts)
Time (hours)

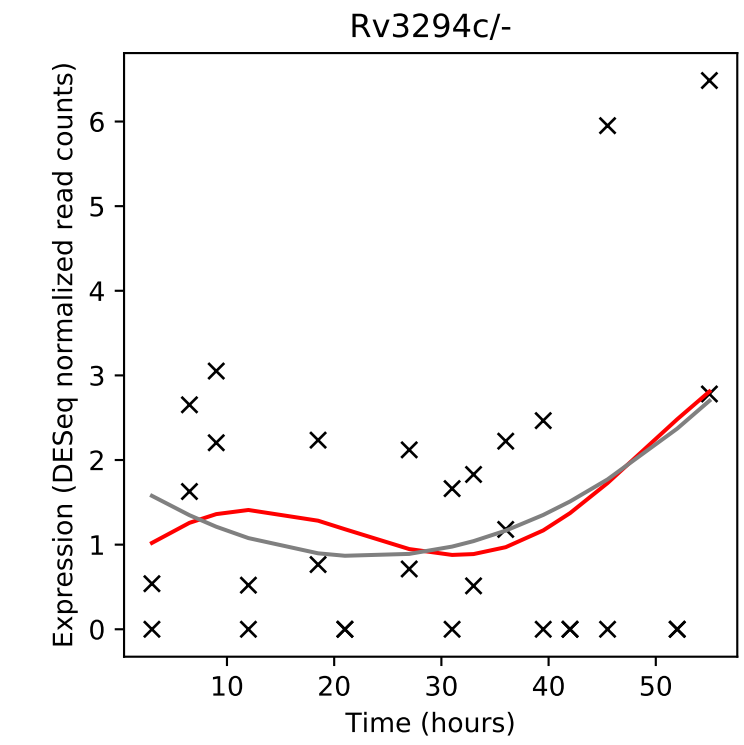

Rv3273/-
Rv3274c/fadE25
Rv3275c/purE
Rv3276c/purK
Rv3277/-
Rv3278c/-
Rv3279c/birA
Rv3280/accD5
Rv3281/accE5
Expression (DESeq normalized read counts)
Time (hours)

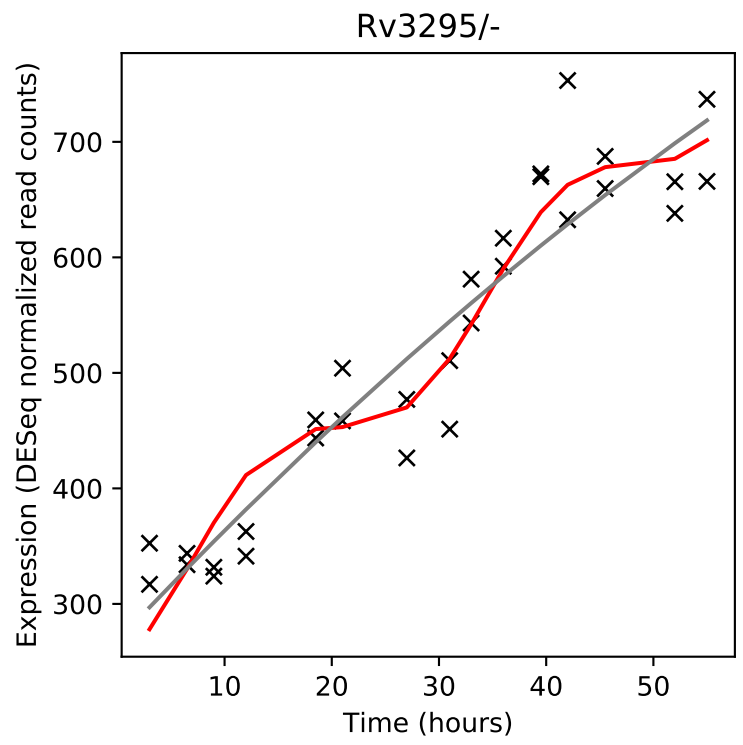

Rv3282/-
Rv3283/sseA
Rv3284/-
Rv3285/accA3
Rv3286c/sigF
Rv3287c/rsbW
Rv3288c/usfY
Rv3289c/-
Rv3290c/lat
Expression (DESeq normalized read counts)
Time (hours)

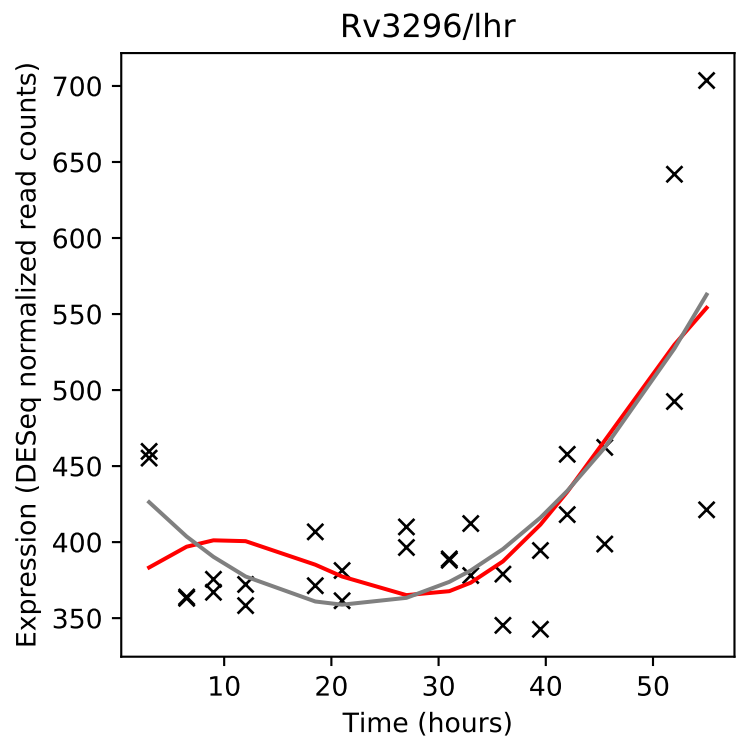

Rv3291c/lrpA
Expression (DESeq normalized read counts)
Time (hours)

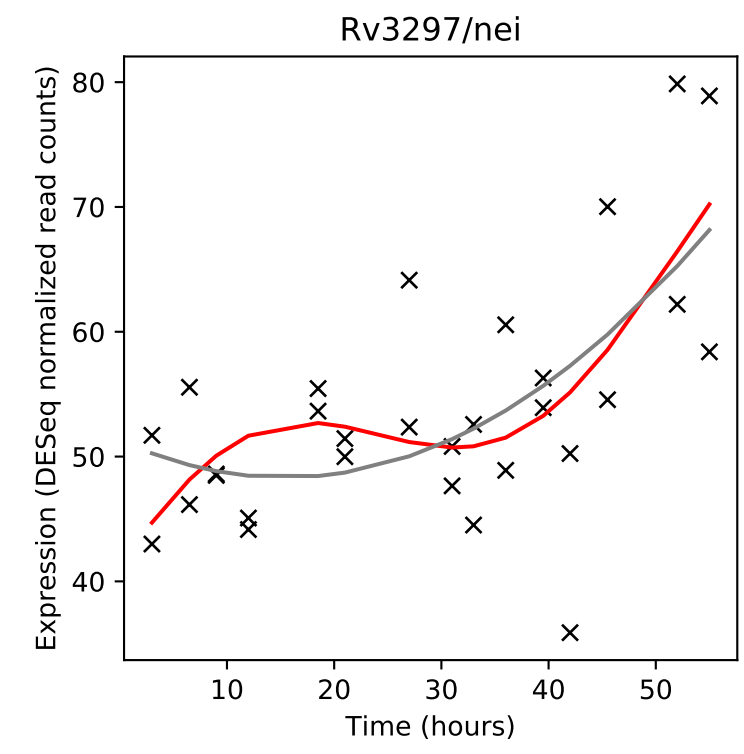

Rv3292/-
Expression (DESeq normalized read counts)
Time (hours)

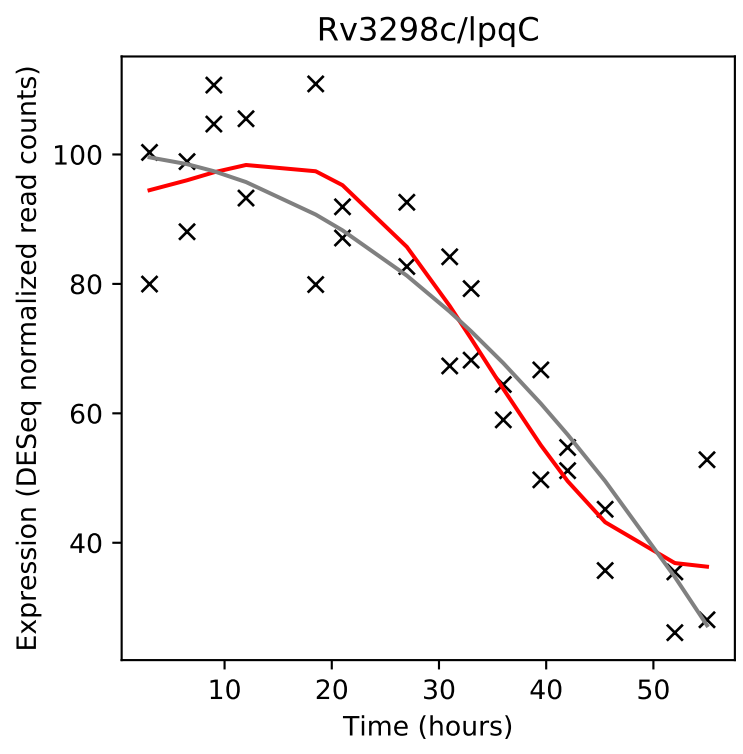

Rv3293/pcd
Expression (DESeq normalized read counts)
Time (hours)

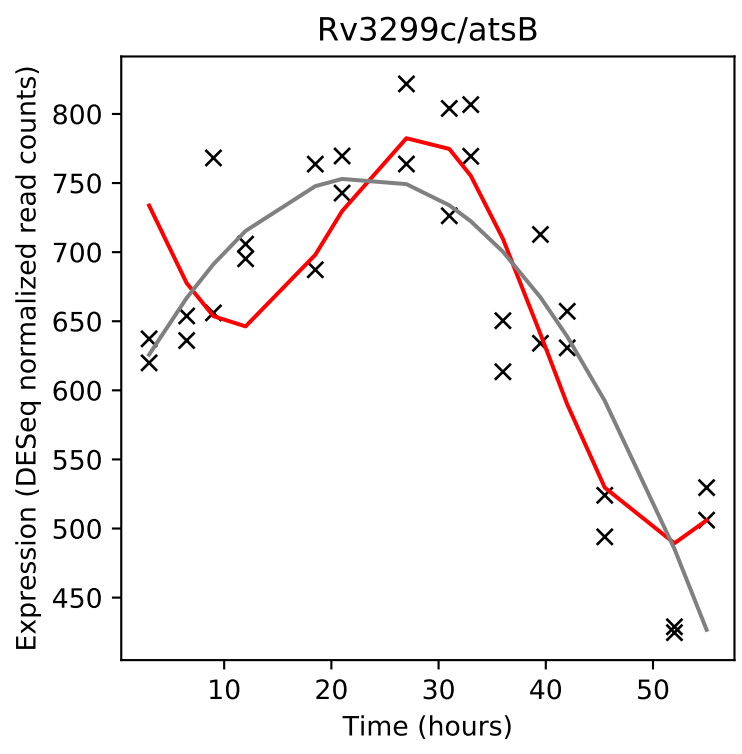

Rv3294c/-
Expression (DESeq normalized read counts)
Time (hours)

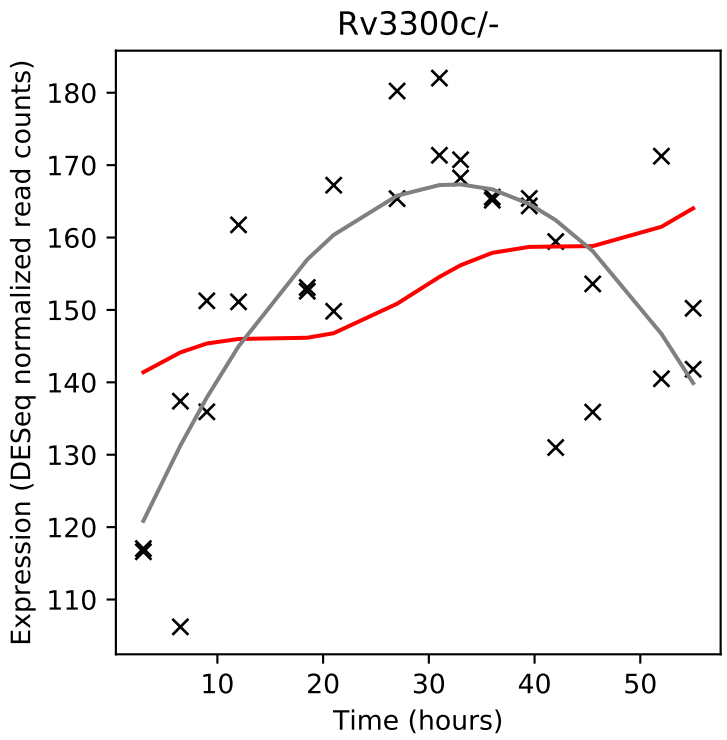

Rv3295/-
Expression (DESeq normalized read counts)
Time (hours)

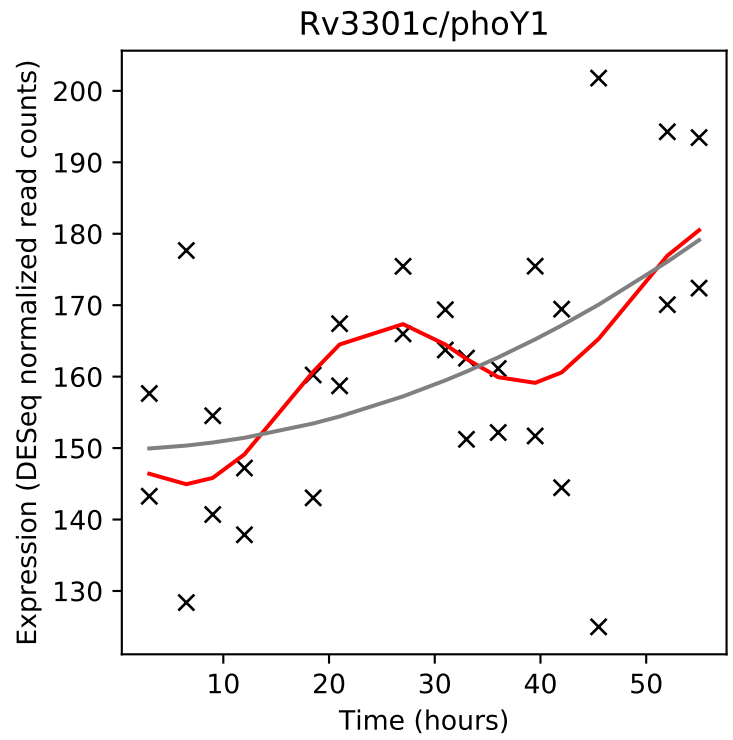

Rv3296/lhr
Expression (DESeq normalized read counts)
Time (hours)

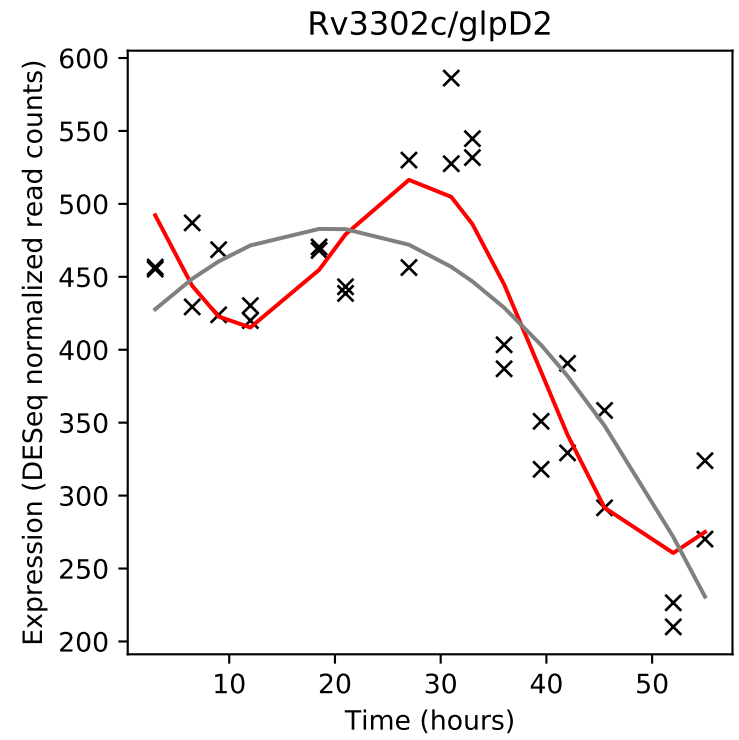

Rv3297/nei
Expression (DESeq normalized read counts)
Time (hours)

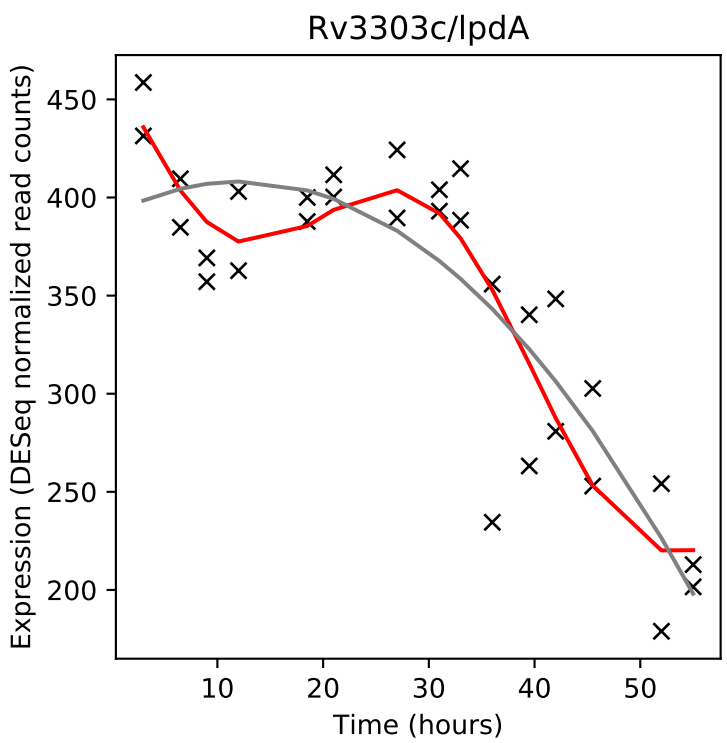

Rv3298c/lpqC
Expression (DESeq normalized read counts)
Time (hours)

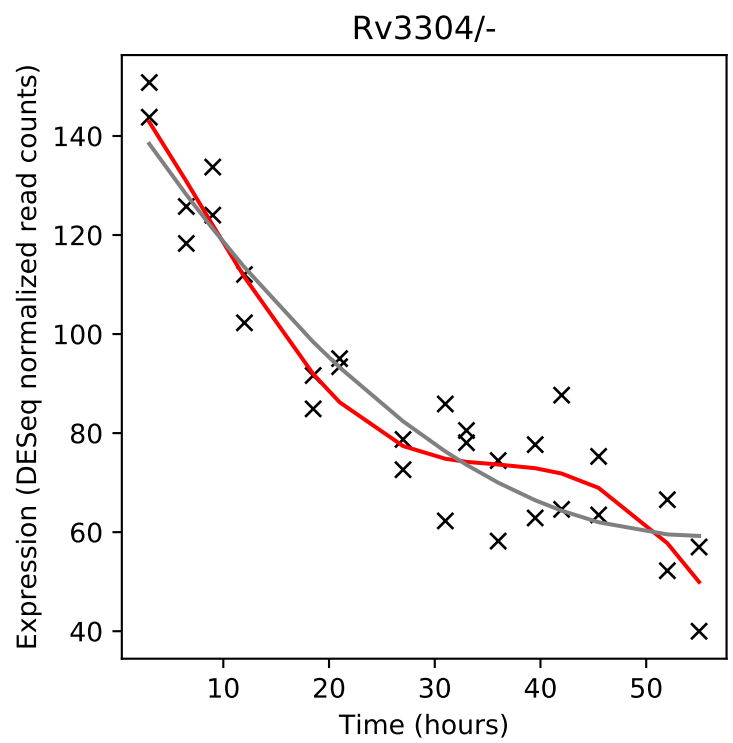

Rv3299c/atsB
Expression (DESeq normalized read counts)
Time (hours)

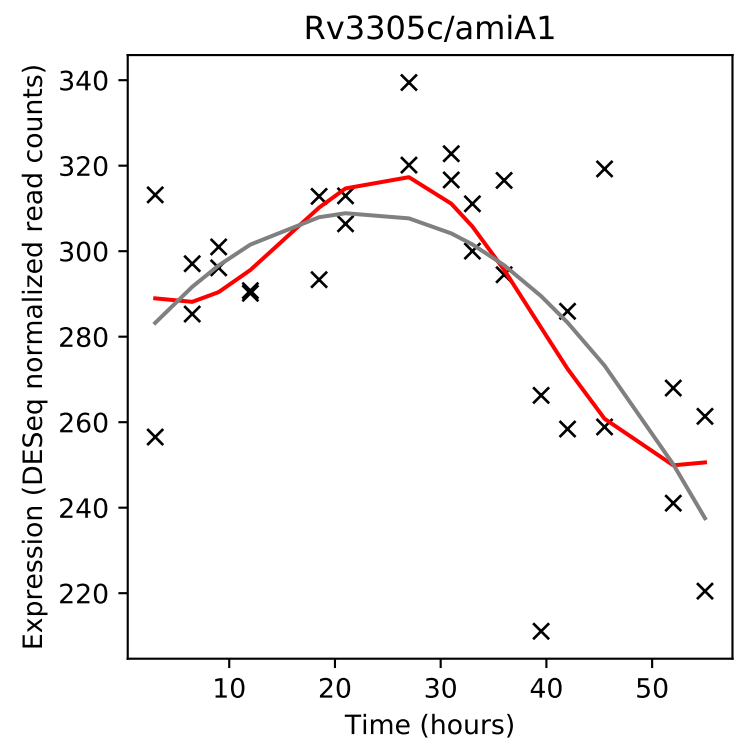

Rv3300c/-
Expression (DESeq normalized read counts)
Time (hours)

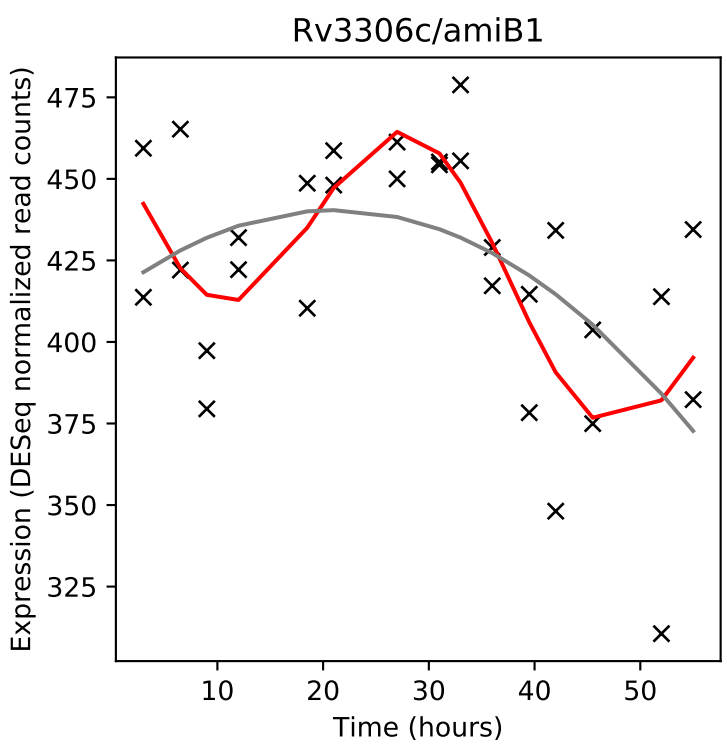

Rv3301c/phoY1
Expression (DESeq normalized read counts)
Time (hours)

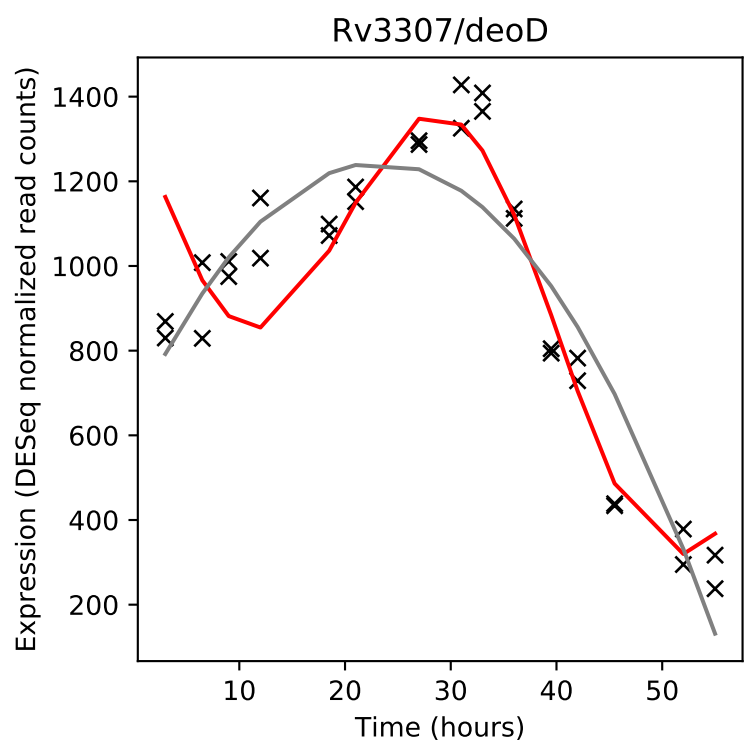

Rv3302c/glpD2
Expression (DESeq normalized read counts)
Time (hours)

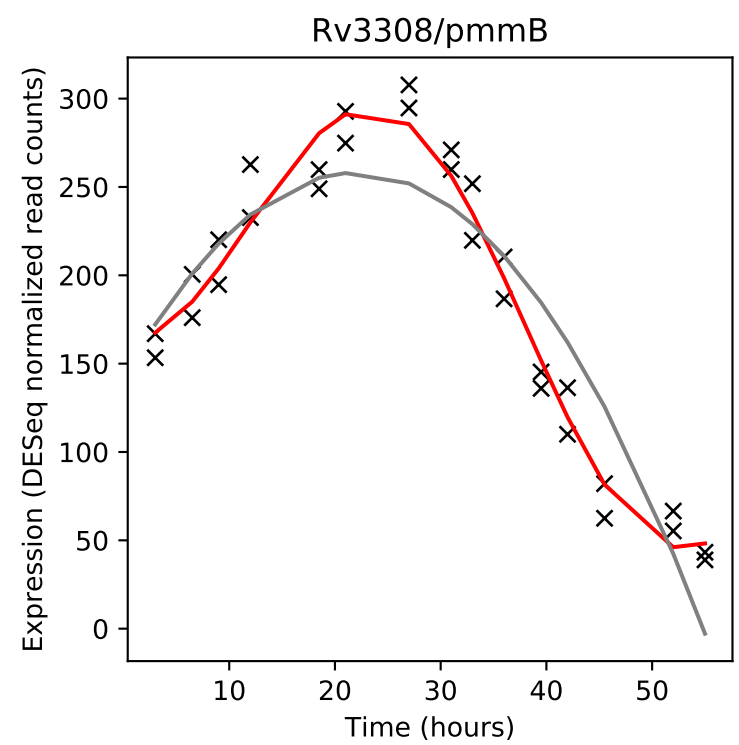

Rv3303c/lpdA
Expression (DESeq normalized read counts)
Time (hours)

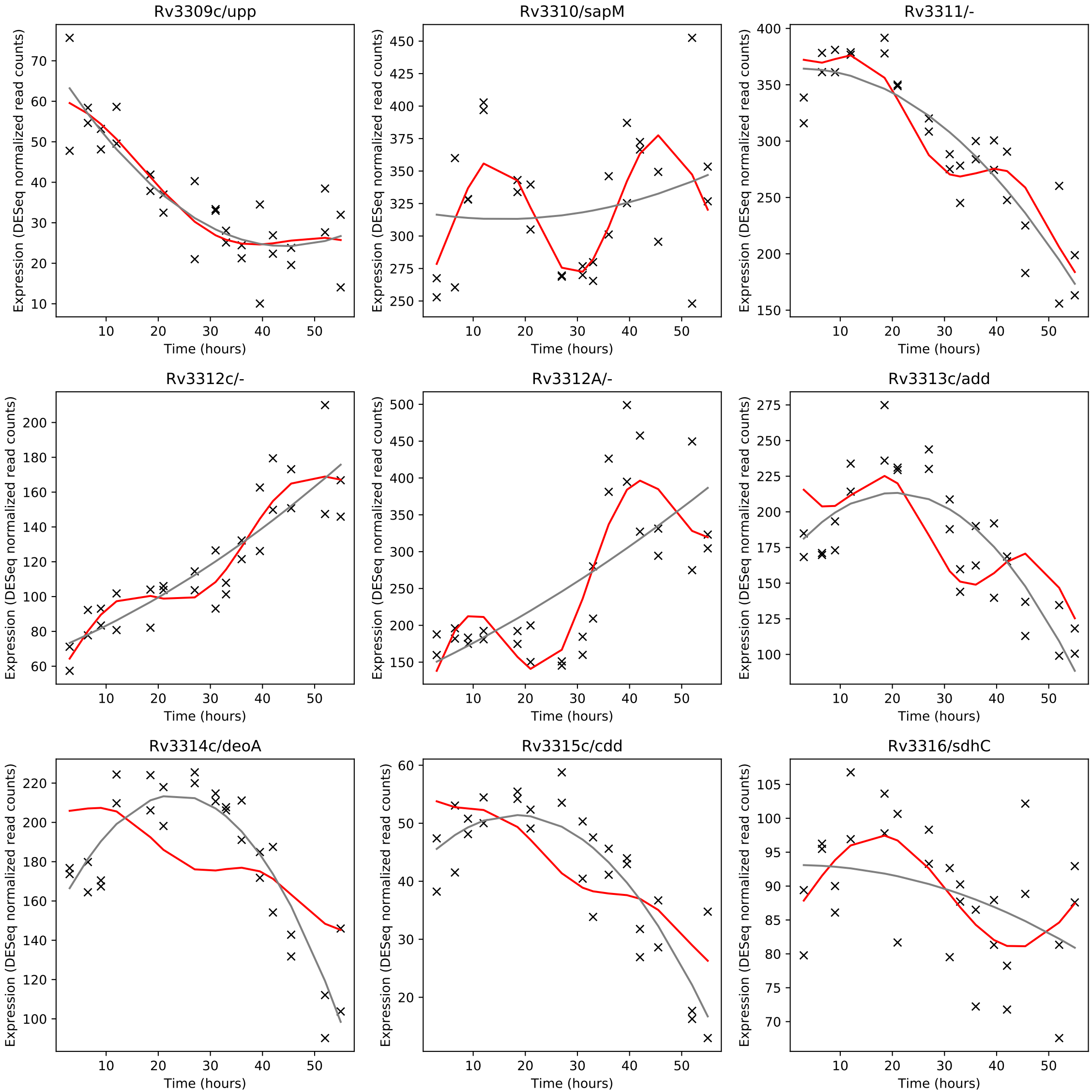

Rv3304/-
Expression (DESeq normalized read counts)
Time (hours)

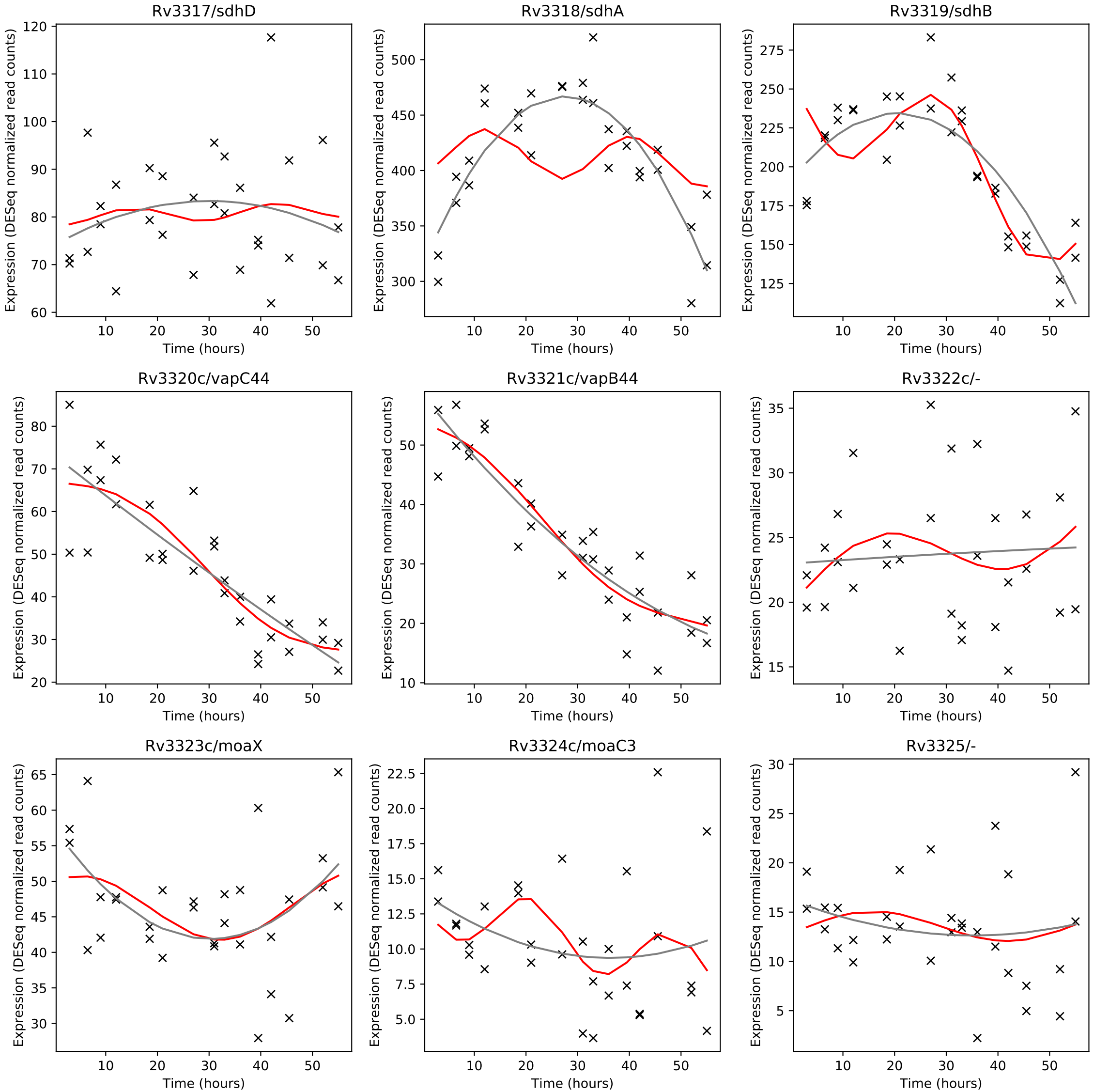

Rv3305c/amiA1
Expression (DESeq normalized read counts)
Time (hours)

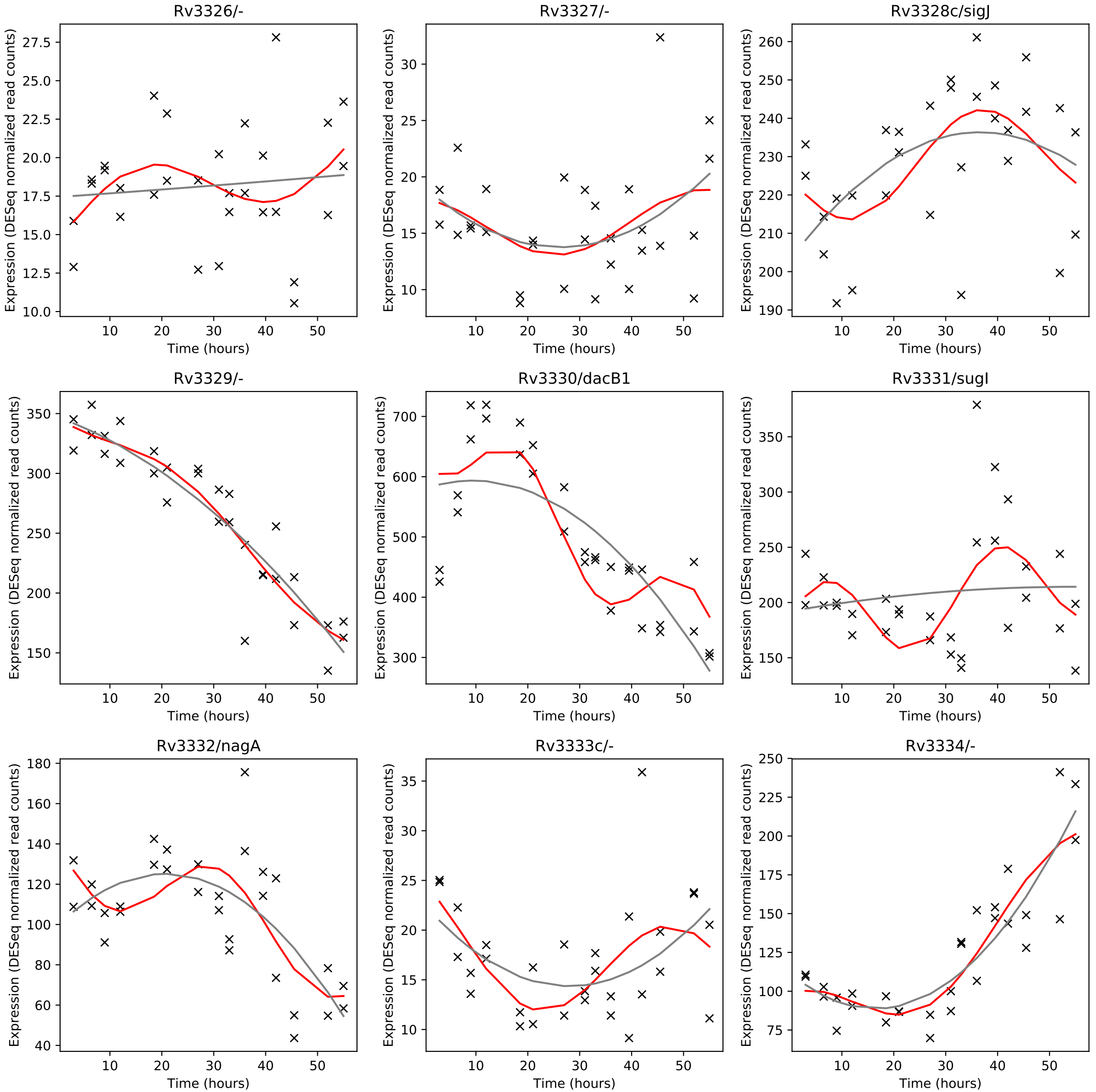

Rv3306c/amiB1
Expression (DESeq normalized read counts)
Time (hours)

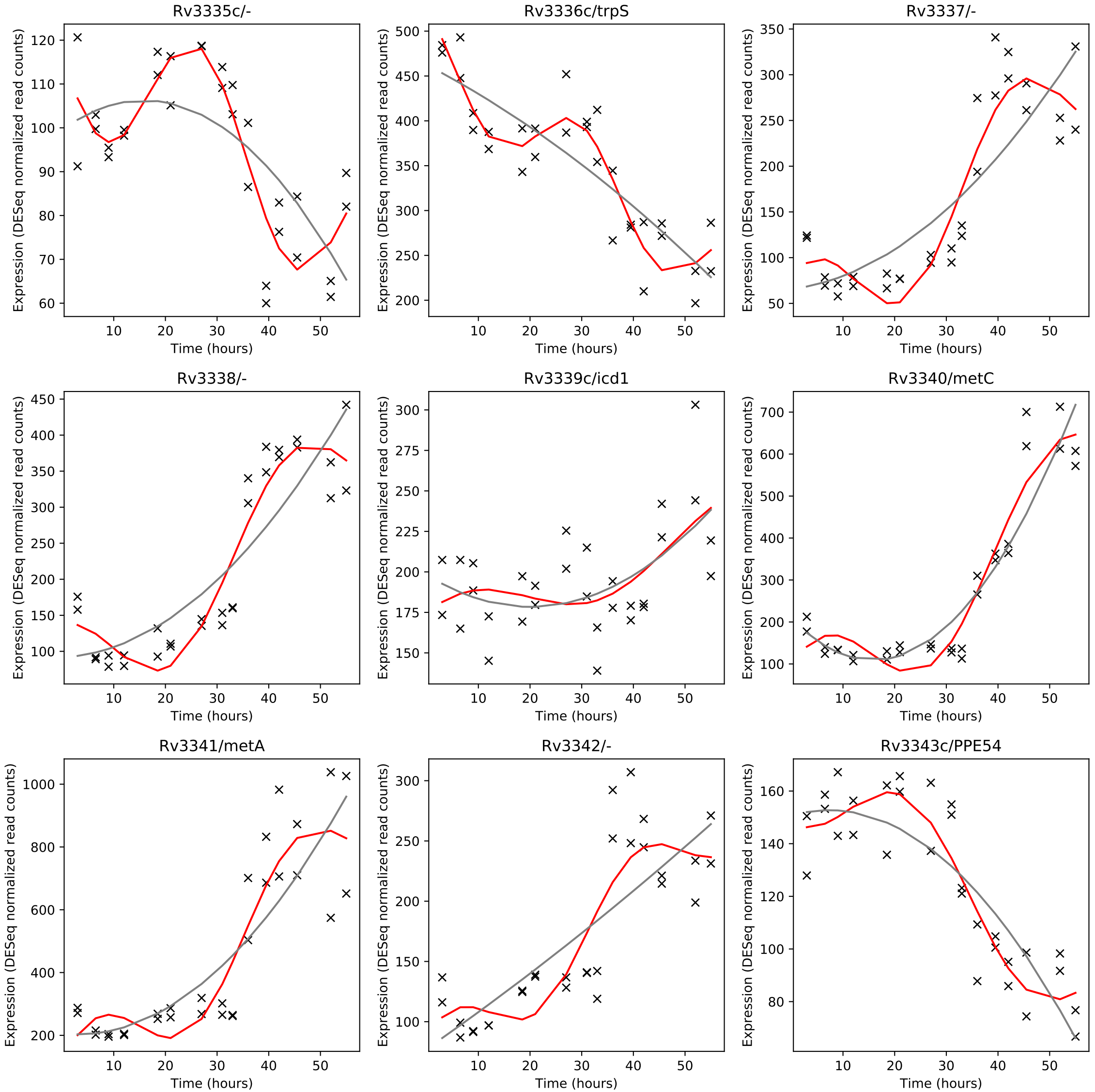

Rv3307/deoD
Expression (DESeq normalized read counts)
Time (hours)

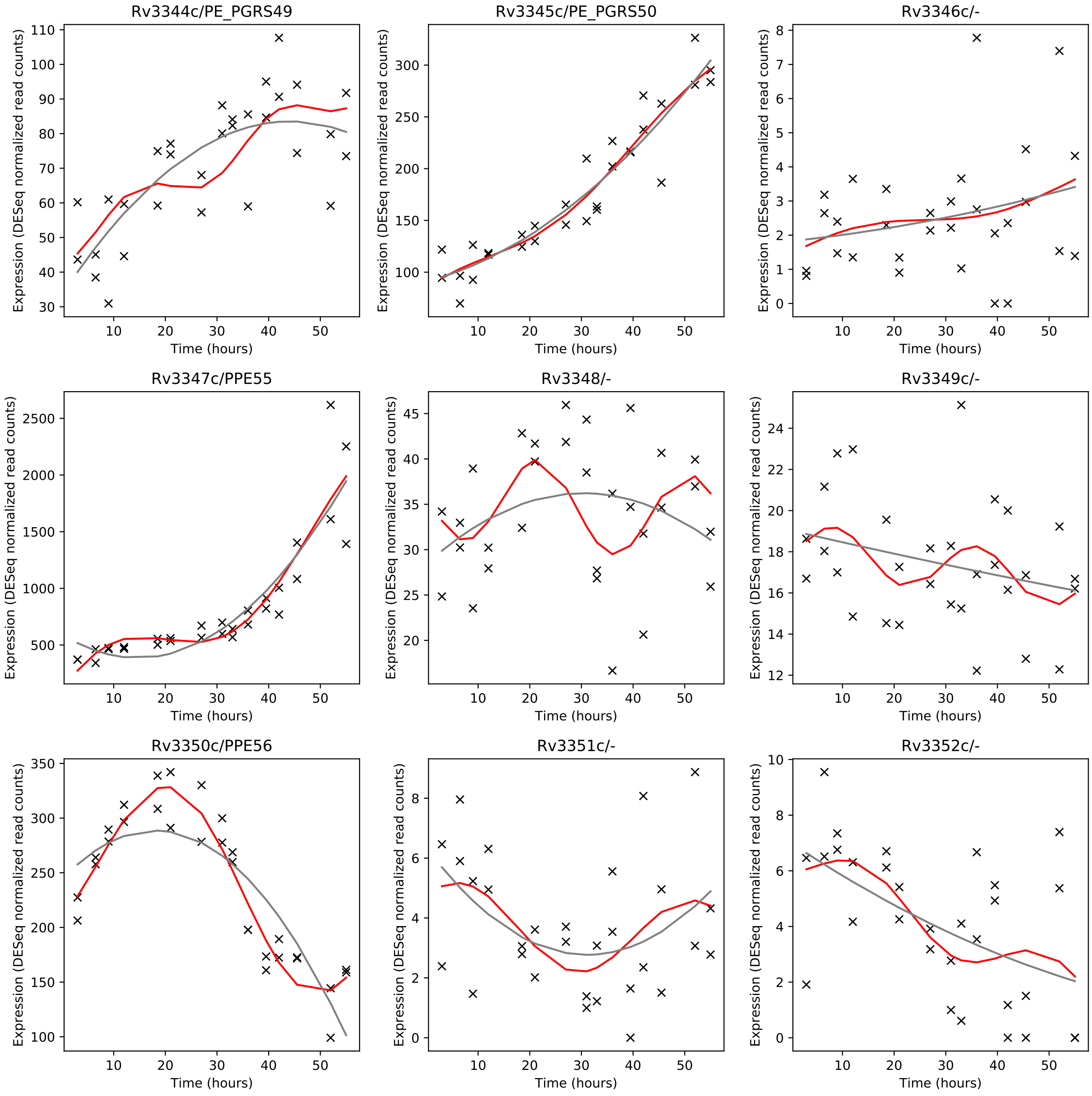

Rv3308/pmmB
Expression (DESeq normalized read counts)
Time (hours)

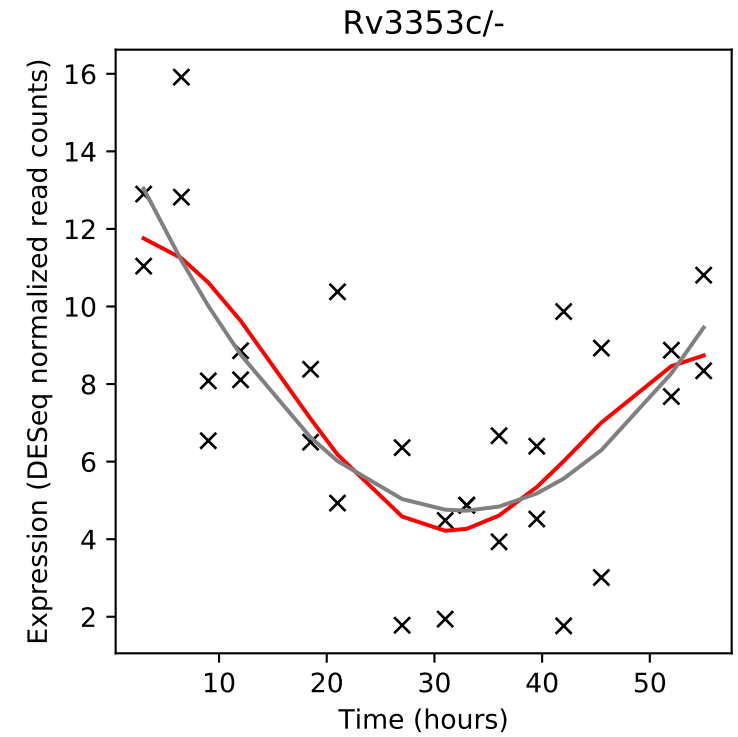

Rv3309c/upp
Rv3310/sapM
Rv3311/-
Rv3312c/-
Rv3312A/-
Rv3313c/add
Rv3314c/deoA
Rv3315c/cdd
Rv3316/sdhC
Expression (DESeq normalized read counts)
Time (hours)

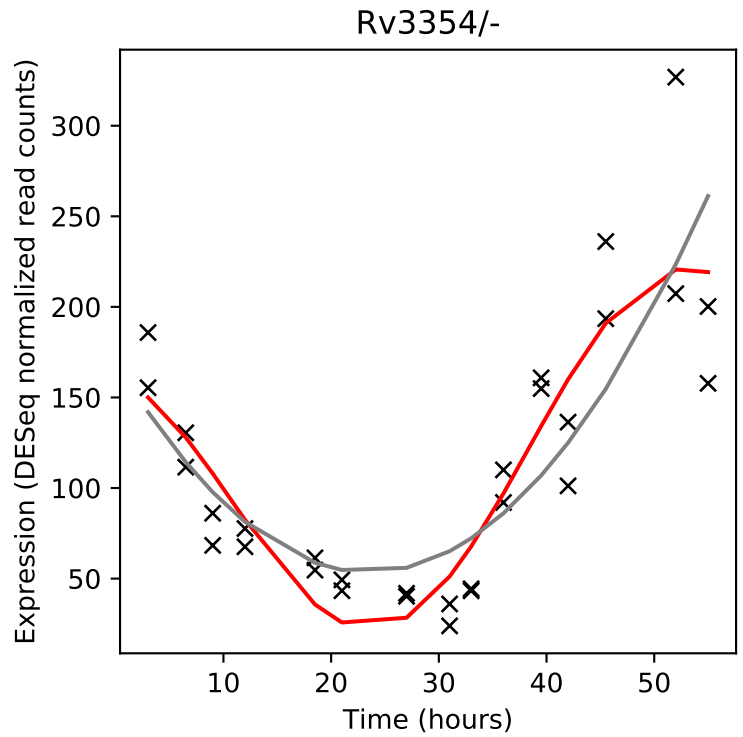

Rv3317/sdhD
Rv3318/sdhA
Rv3319/sdhB
Rv3320c/vapC44
Rv3321c/vapB44
Rv3322c/-
Rv3323c/moaX
Rv3324c/moaC3
Rv3325/-
Expression (DESeq normalized read counts)
Time (hours)

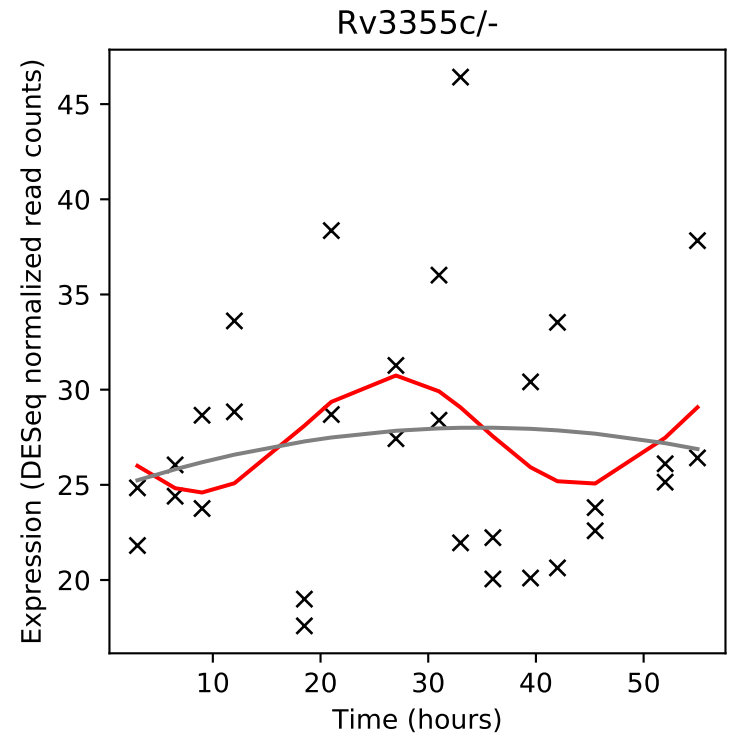

Rv3326/-
Rv3327/-
Rv3328c/sigJ
Rv3329/-
Rv3330/dacB1
Rv3331/sugI
Rv3332/nagA
Rv3333c/-
Rv3334/-
Expression (DESeq normalized read counts)
Time (hours)

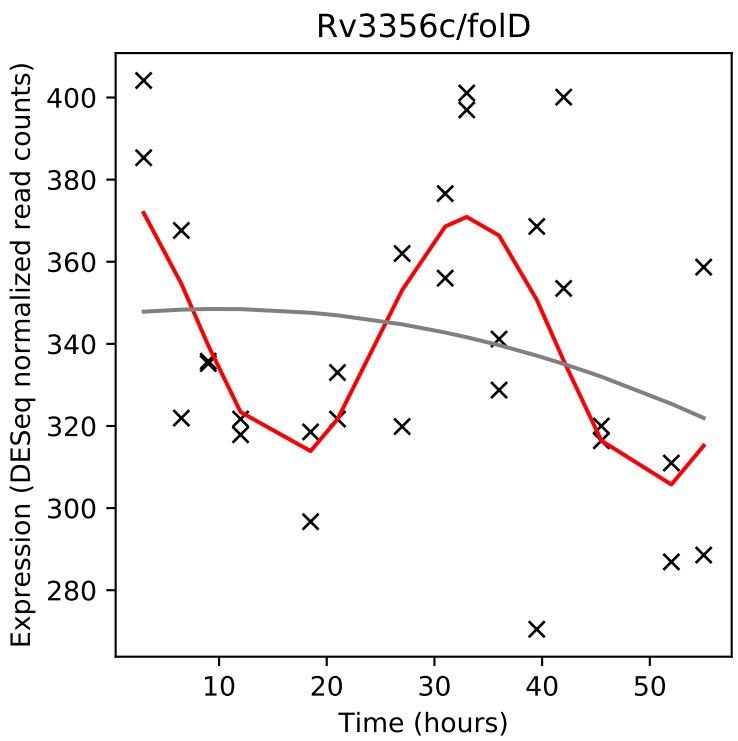

Rv3335c/-
Rv3336c/trpS
Rv3337/-
Rv3338/-
Rv3339c/icd1
Rv3340/metC
Rv3341/metA
Rv3342/-
Rv3343c/PPE54
Expression (DESeq normalized read counts)
Time (hours)

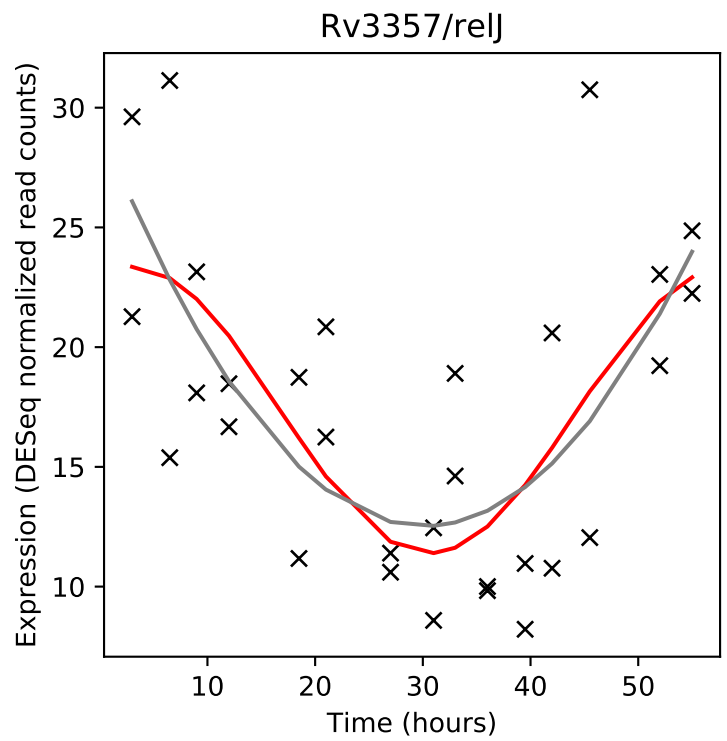

Rv3344c/PE_PGRS49
Rv3345c/PE_PGRS50
Rv3346c/-
Rv3347c/PPE55
Rv3348/-
Rv3349c/-
Rv3350c/PPE56
Rv3351c/-
Rv3352c/-
Expression (DESeq normalized read counts)
Time (hours)

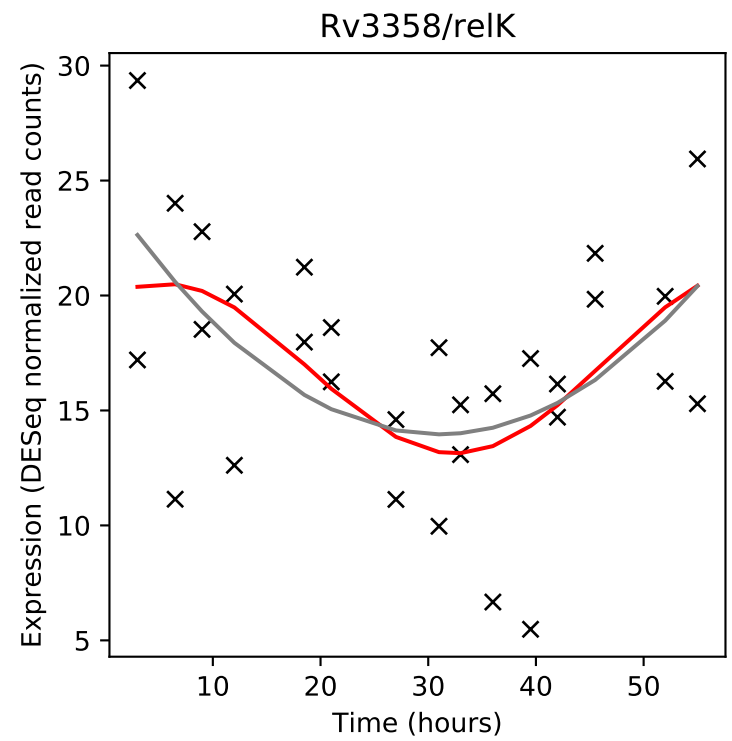

Rv3353c/-
Expression (DESeq normalized read counts)
Time (hours)

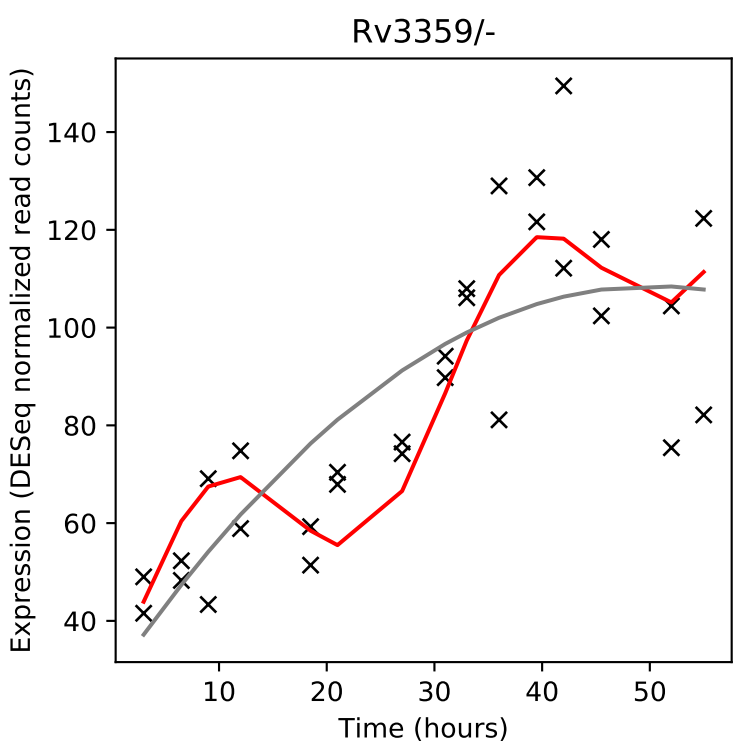

Rv3354/-
Expression (DESeq normalized read counts)
Time (hours)

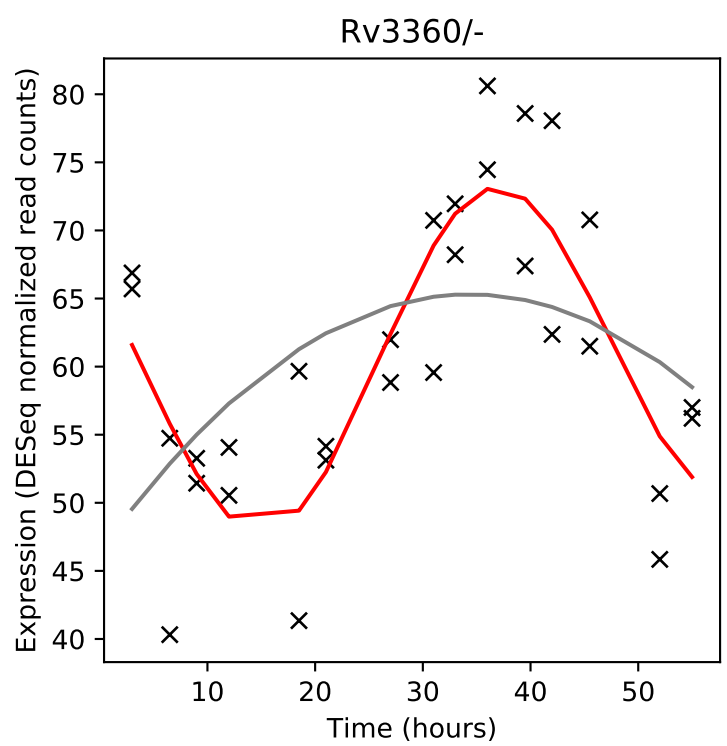

Rv3355c/-
Expression (DESeq normalized read counts)
Time (hours)

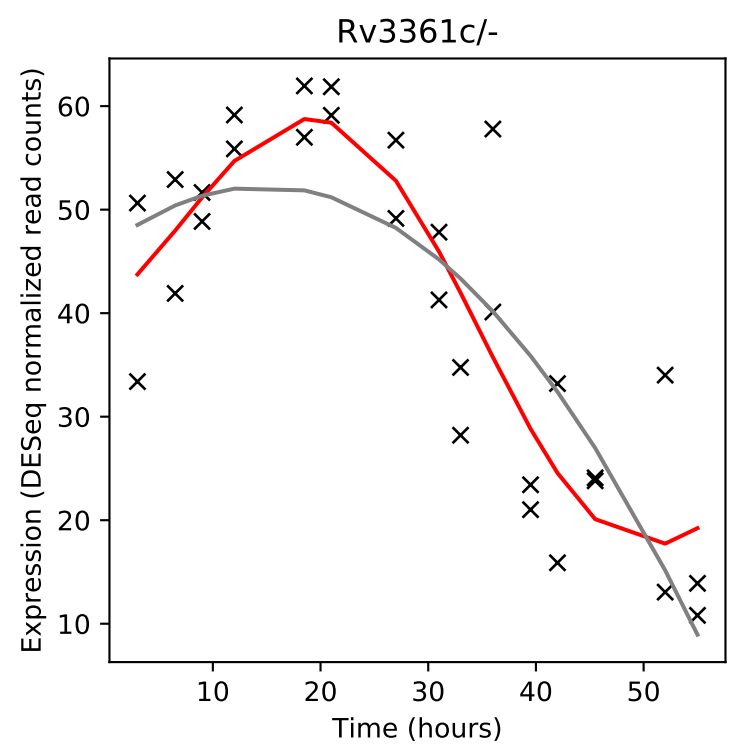

Rv3356c/folD
Expression (DESeq normalized read counts)
Time (hours)

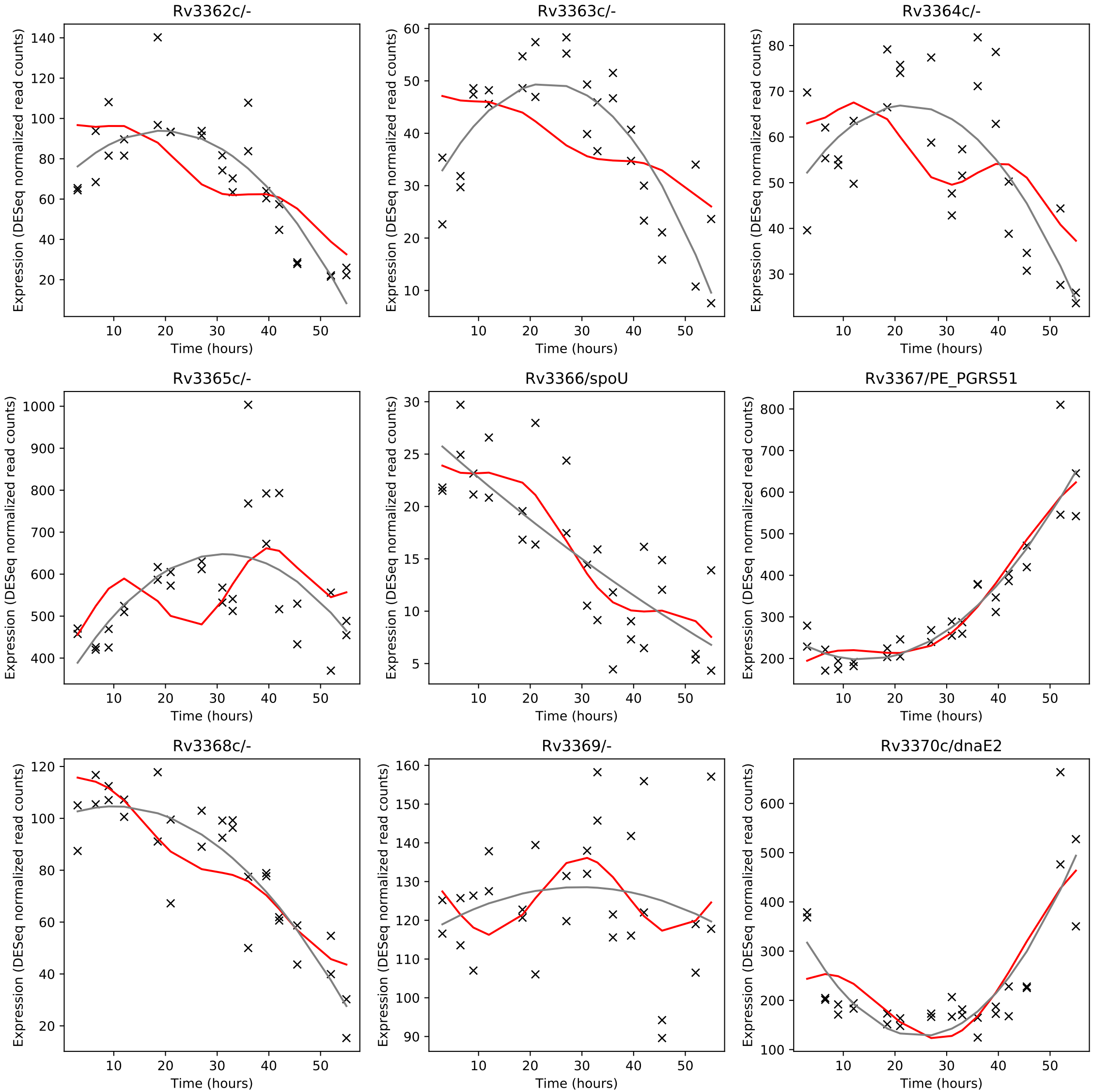

Rv3357/relJ
Expression (DESeq normalized read counts)
Time (hours)

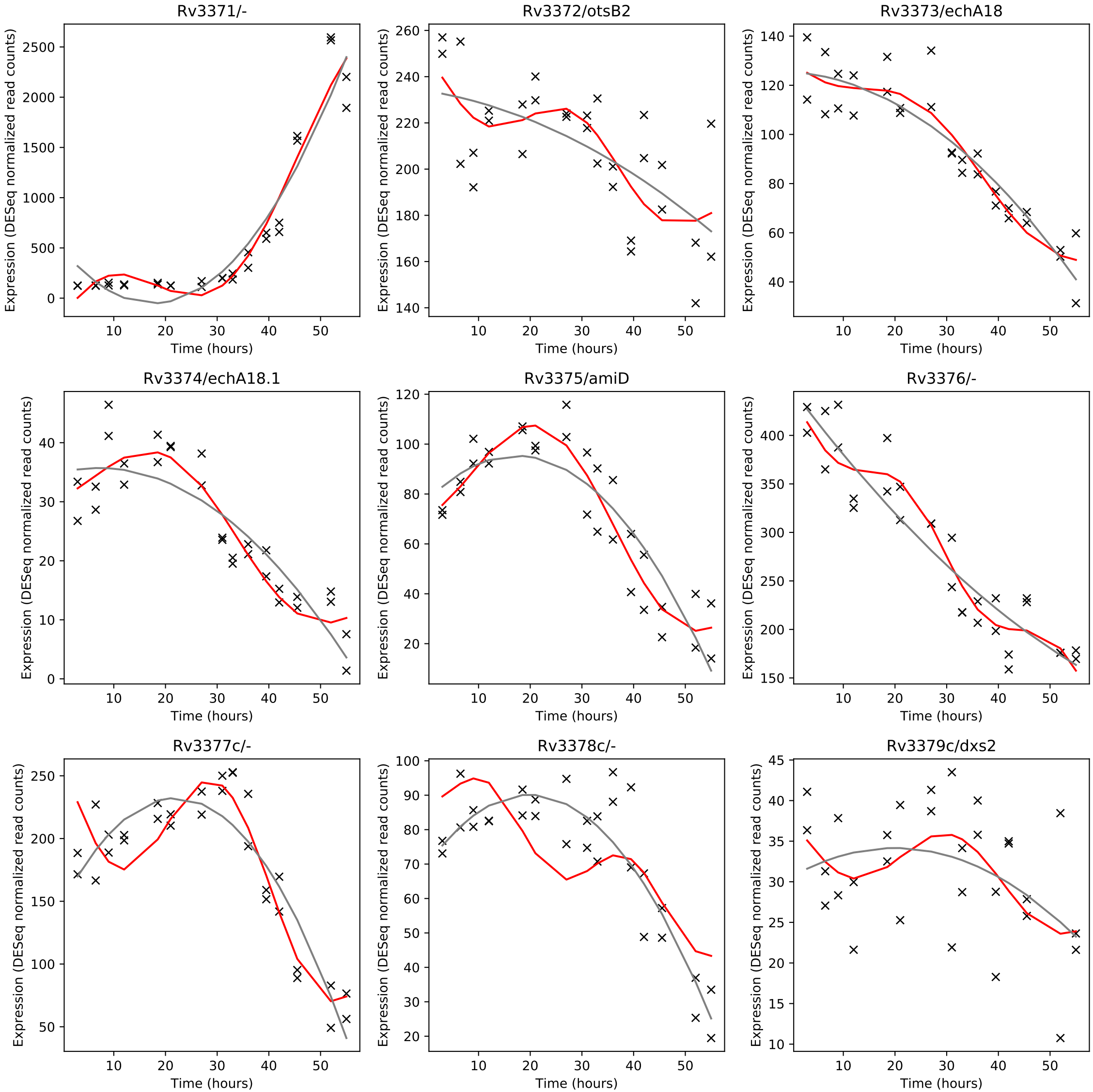

Rv3358/relK
Expression (DESeq normalized read counts)
Time (hours)

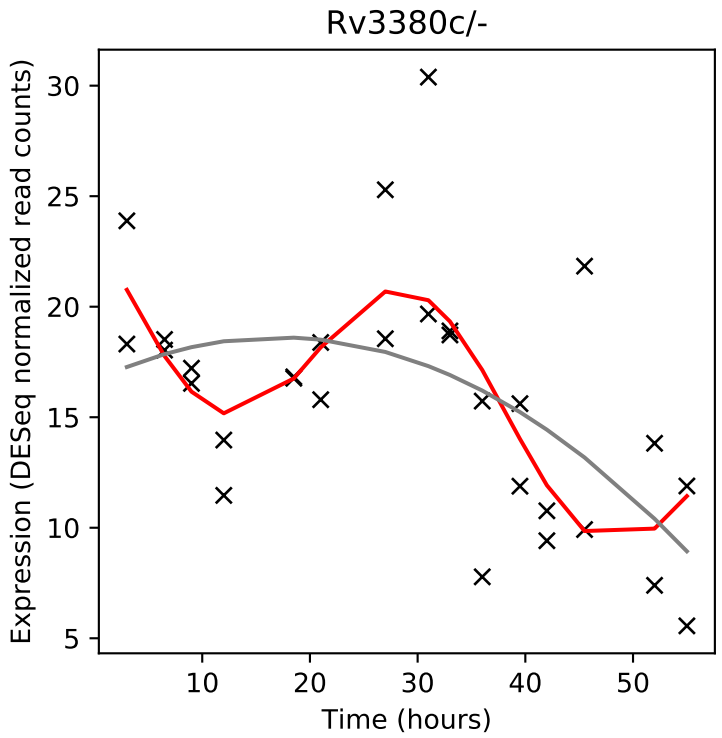

Rv3359/-
Expression (DESeq normalized read counts)
Time (hours)

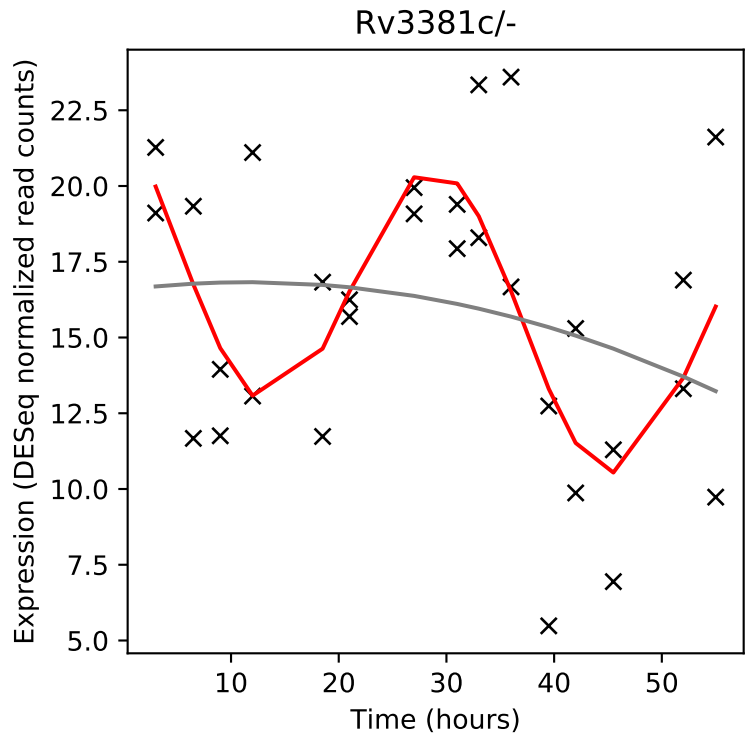

Rv3360/-
Expression (DESeq normalized read counts)
Time (hours)

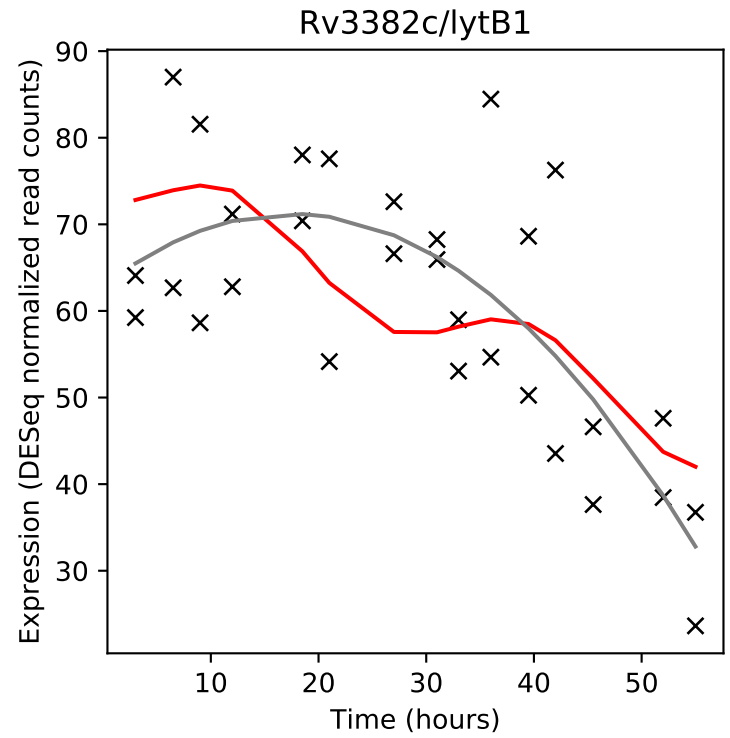

Rv3361c/-
Expression (DESeq normalized read counts)
Time (hours)

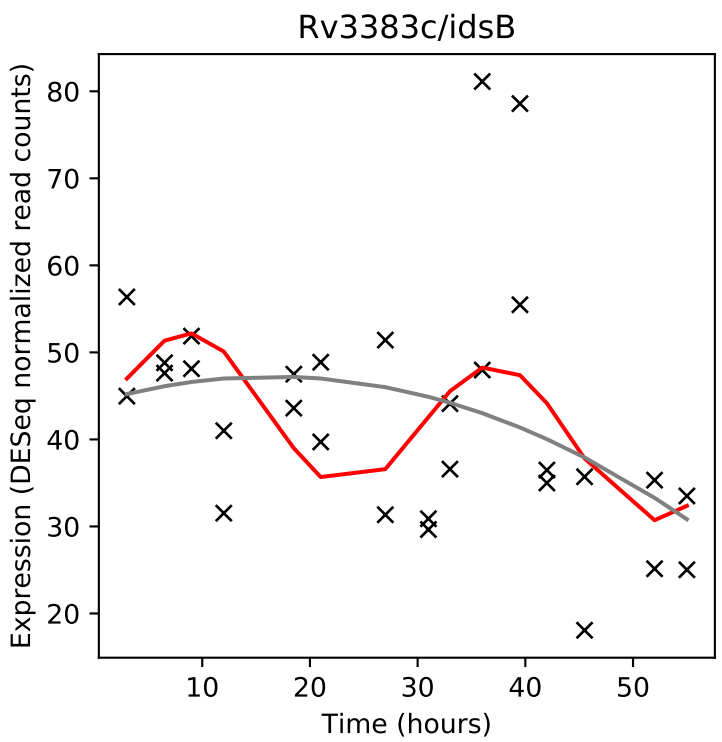

Rv3362c/-
Rv3363c/-
Rv3364c/-
Rv3365c/-
Rv3366/spoU
Rv3367/PE_PGRS51
Rv3368c/-
Rv3369/-
Rv3370c/dnaE2
Expression (DESeq normalized read counts)
Time (hours)

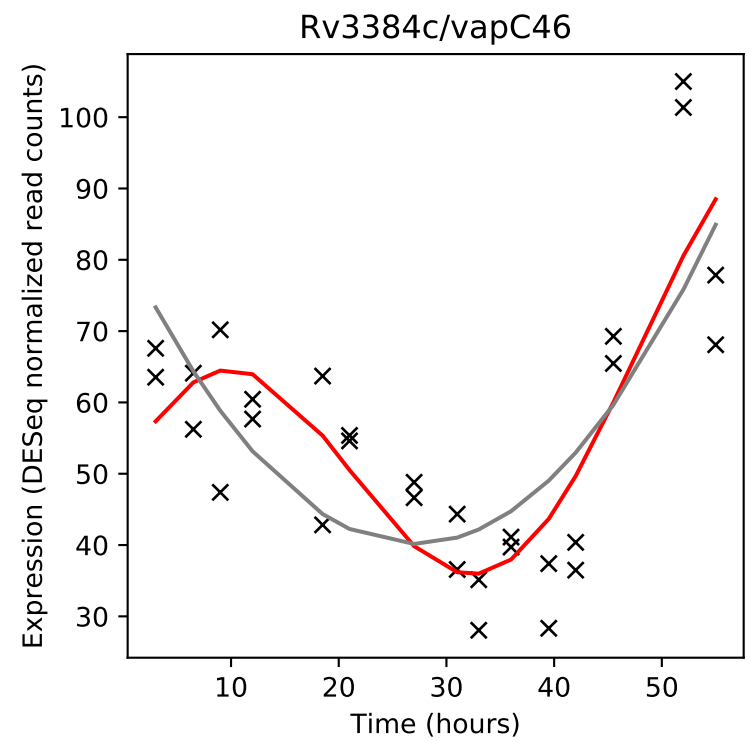

Rv3371/-
Rv3372/otsB2
Rv3373/echA18
Rv3374/echA18.1
Rv3375/amiD
Rv3376/-
Rv3377c/-
Rv3378c/-
Rv3379c/dxs2
Expression (DESeq normalized read counts)
Time (hours)

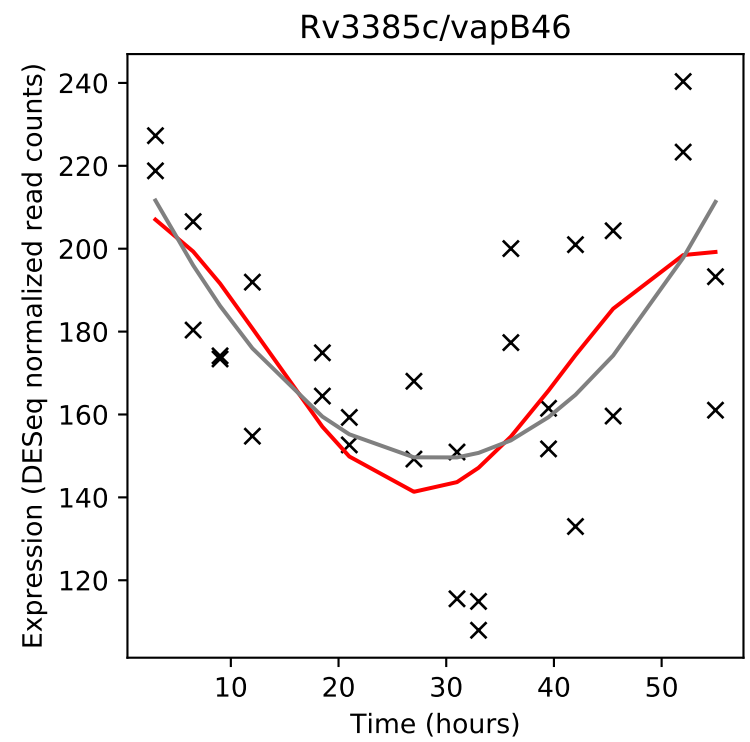

Rv3380c/-
Expression (DESeq normalized read counts)
Time (hours)

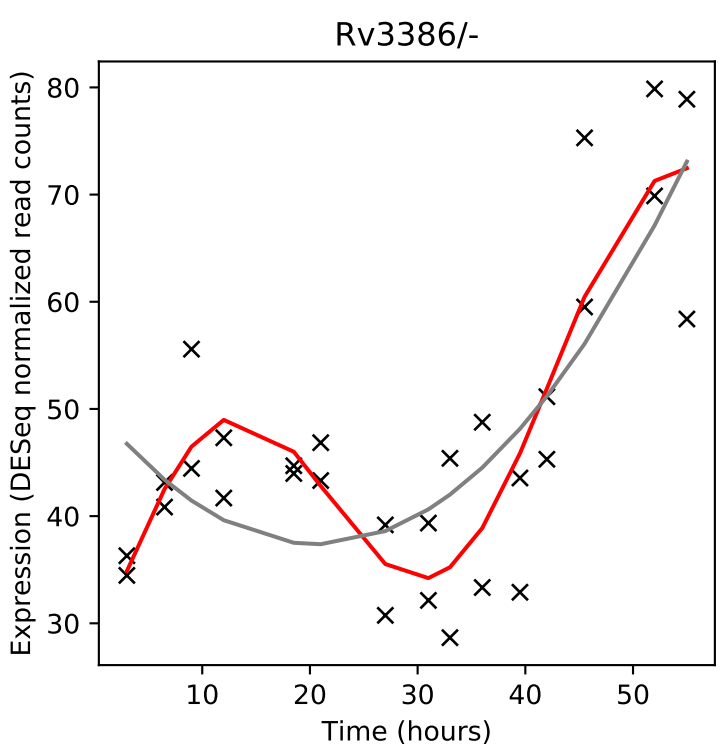

Rv3381c/-
Expression (DESeq normalized read counts)
Time (hours)

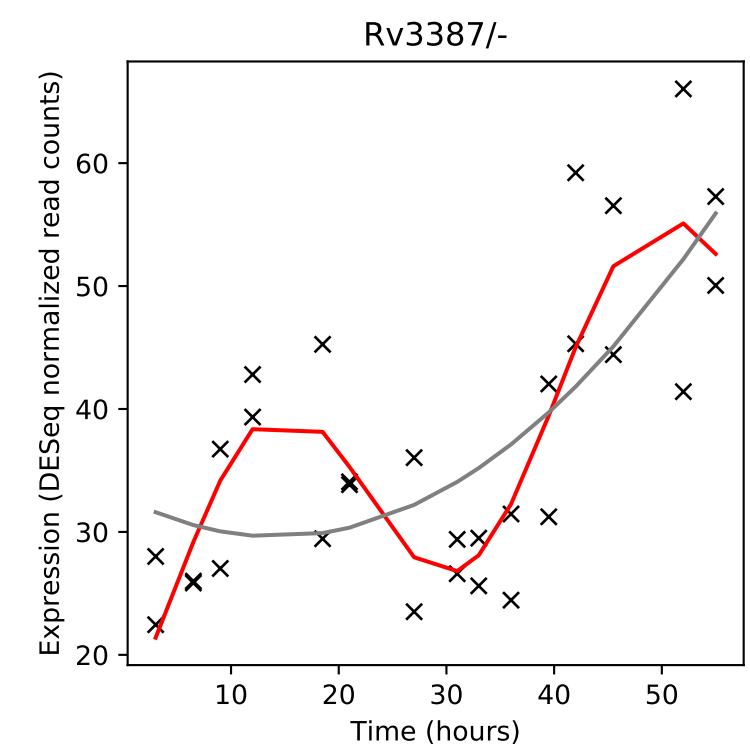

Rv3382c/lytB1
Expression (DESeq normalized read counts)
Time (hours)

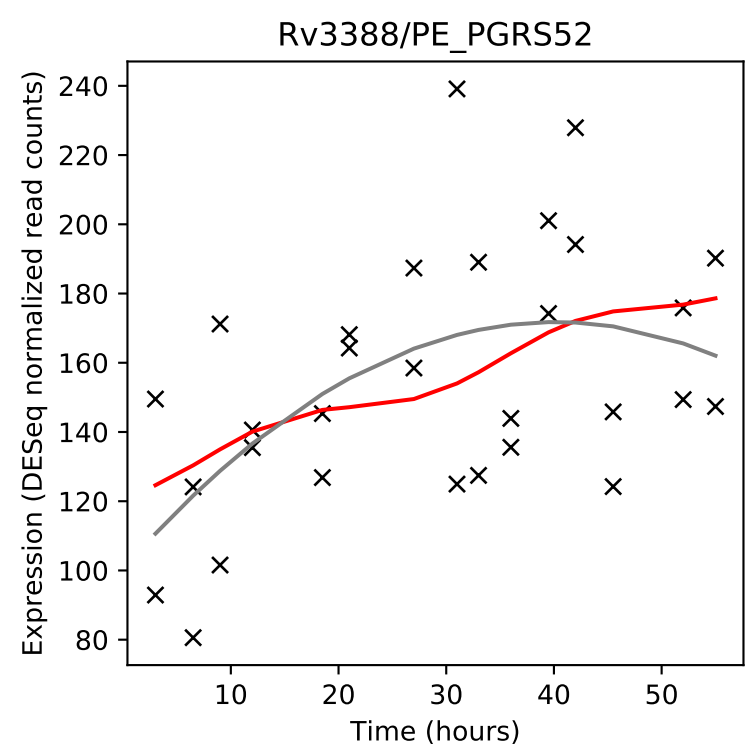

Rv3383c/idsB
Expression (DESeq normalized read counts)
Time (hours)

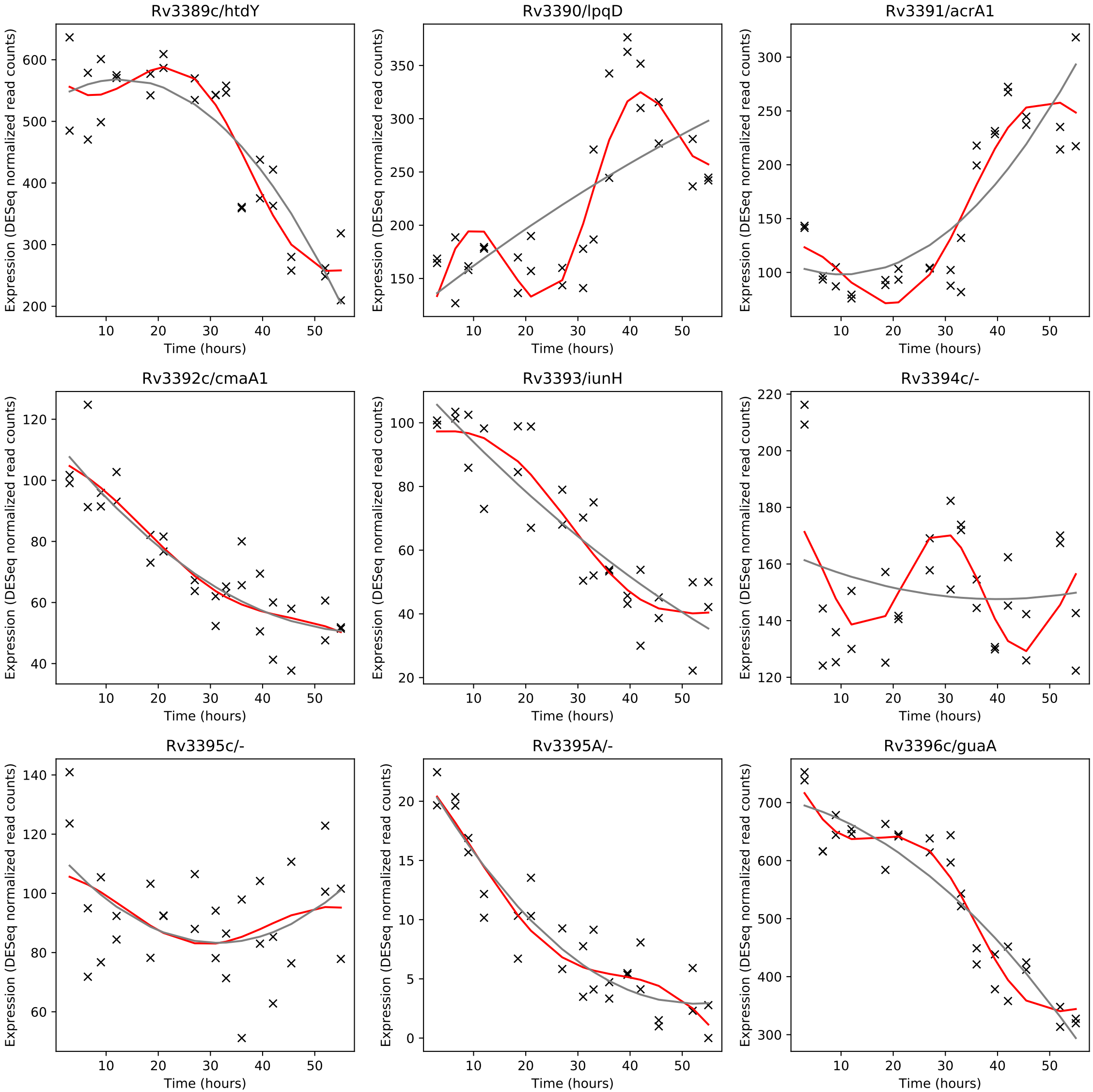

Rv3384c/vapC46
Expression (DESeq normalized read counts)
Time (hours)

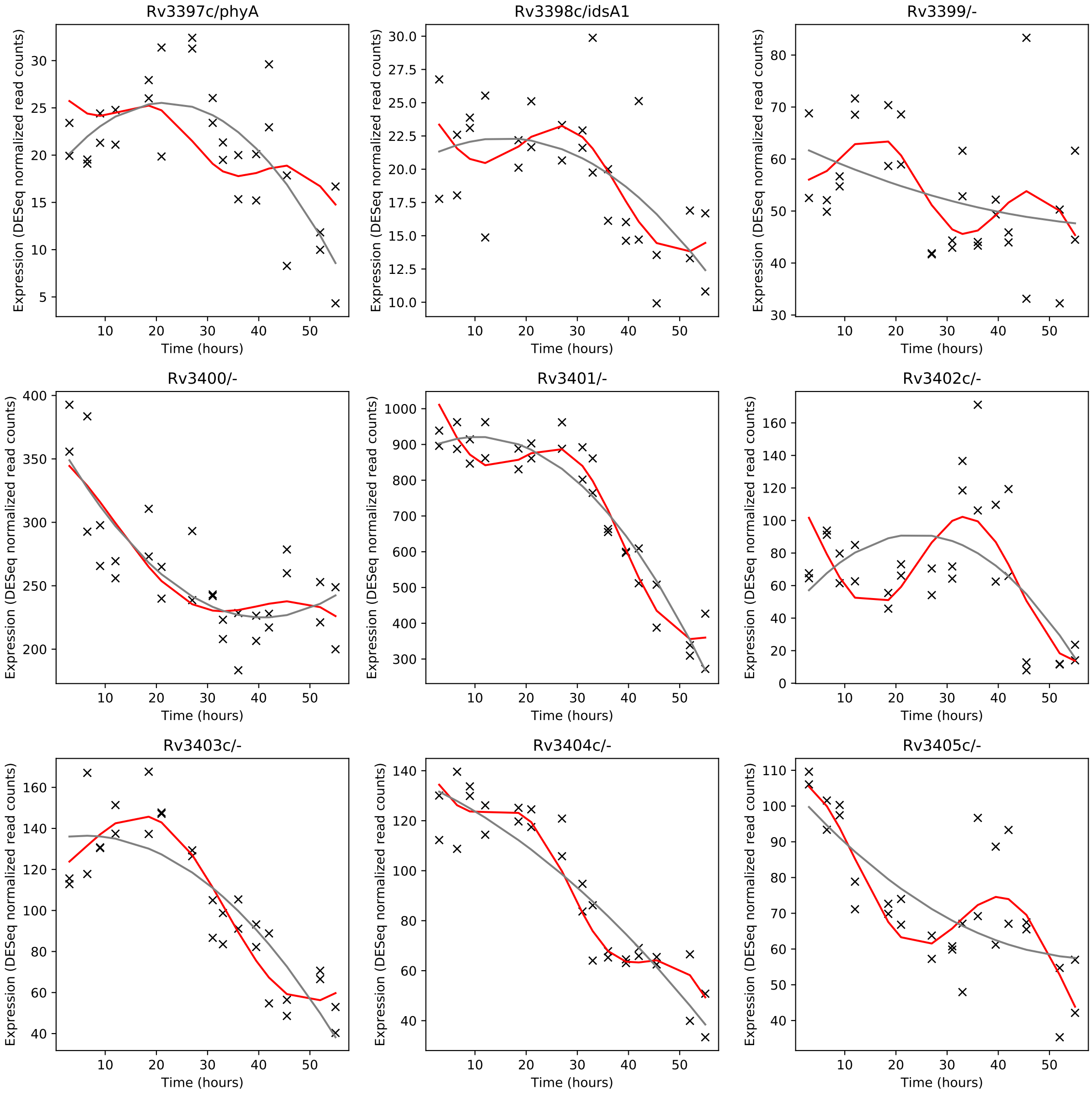

Rv3385c/vapB46
Expression (DESeq normalized read counts)
Time (hours)

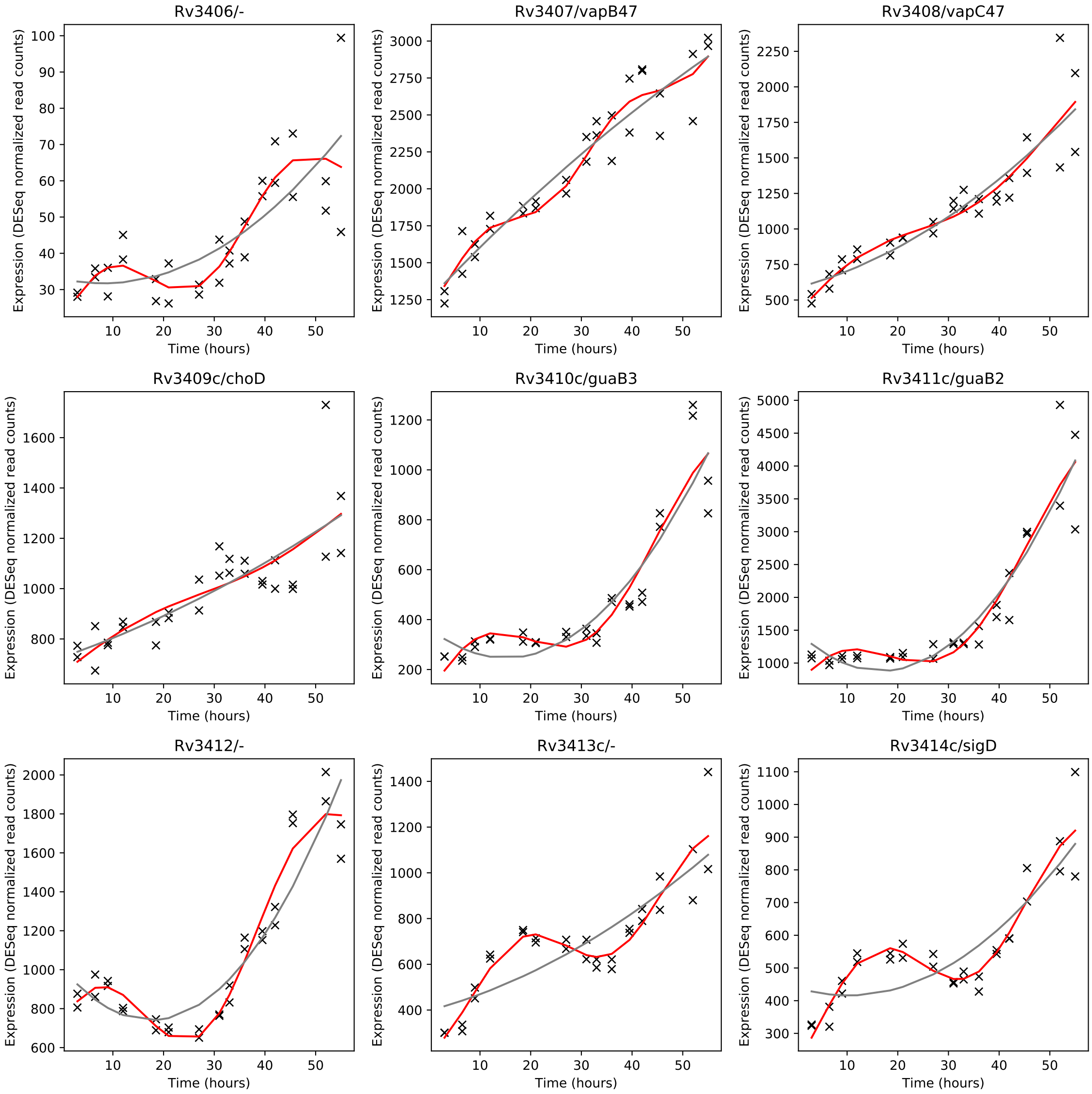

Rv3386/-
Expression (DESeq normalized read counts)
Time (hours)

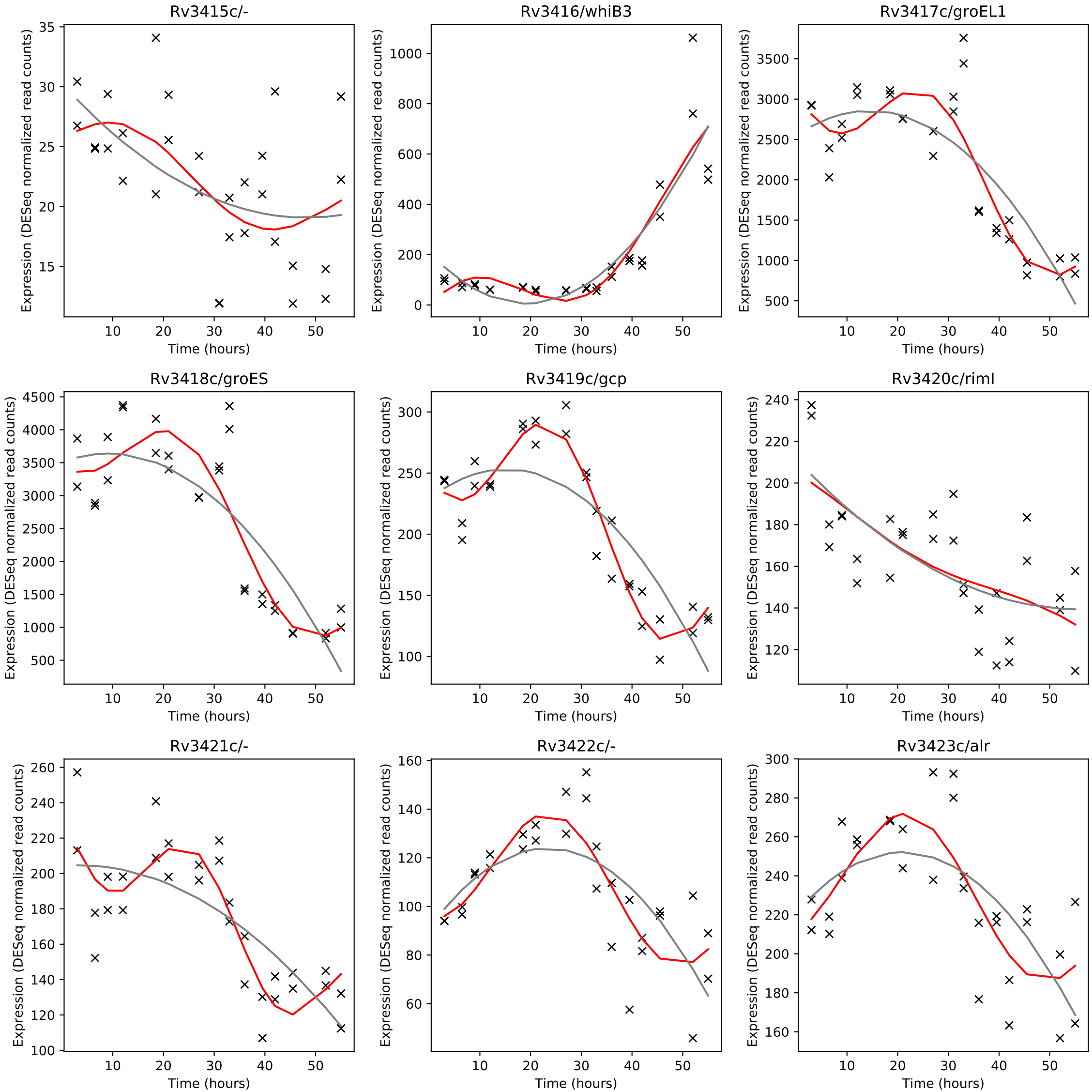

Rv3387/-
Expression (DESeq normalized read counts)
Time (hours)

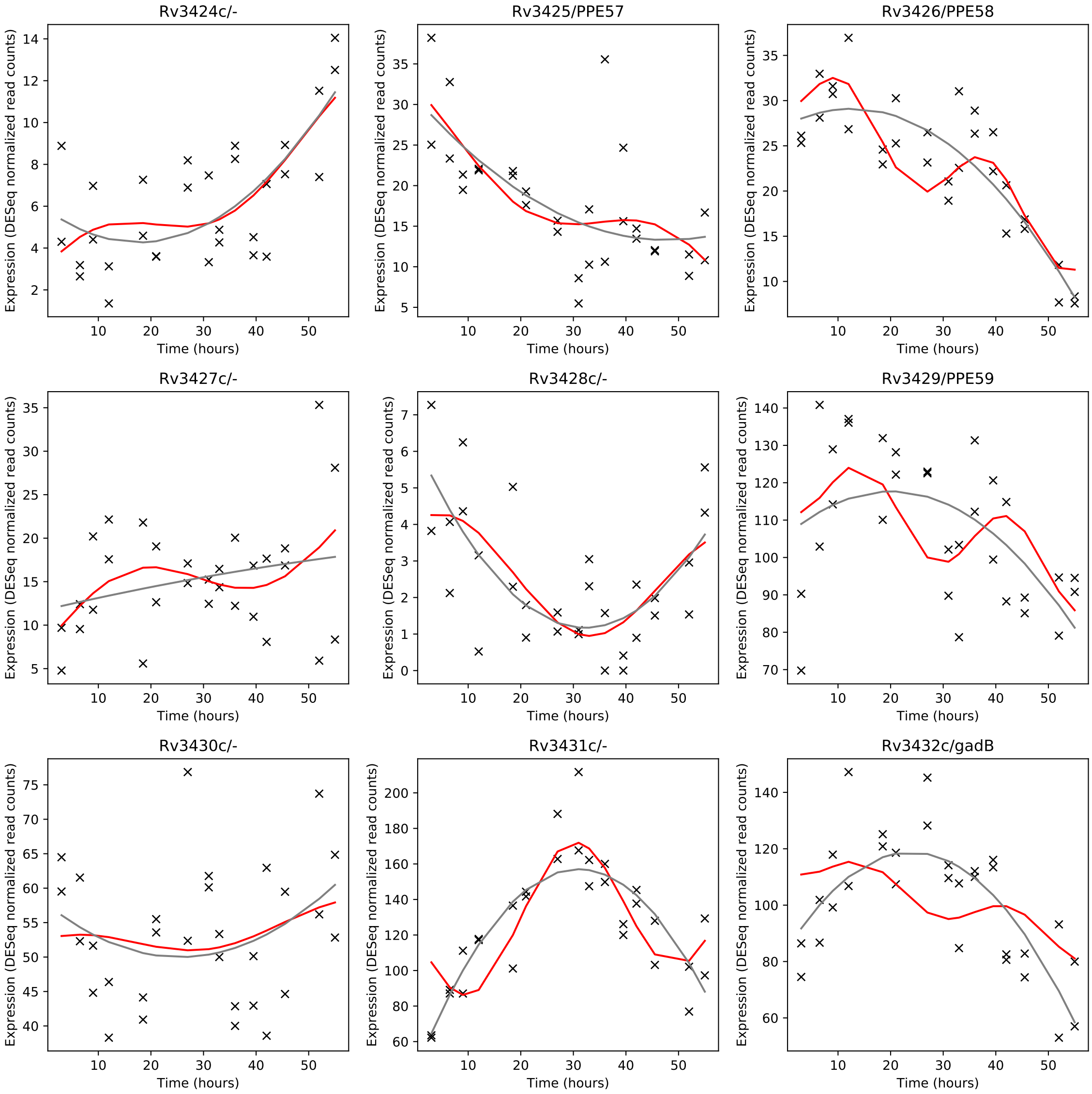

Rv3388/PE_PGRS52
Expression (DESeq normalized read counts)
Time (hours)

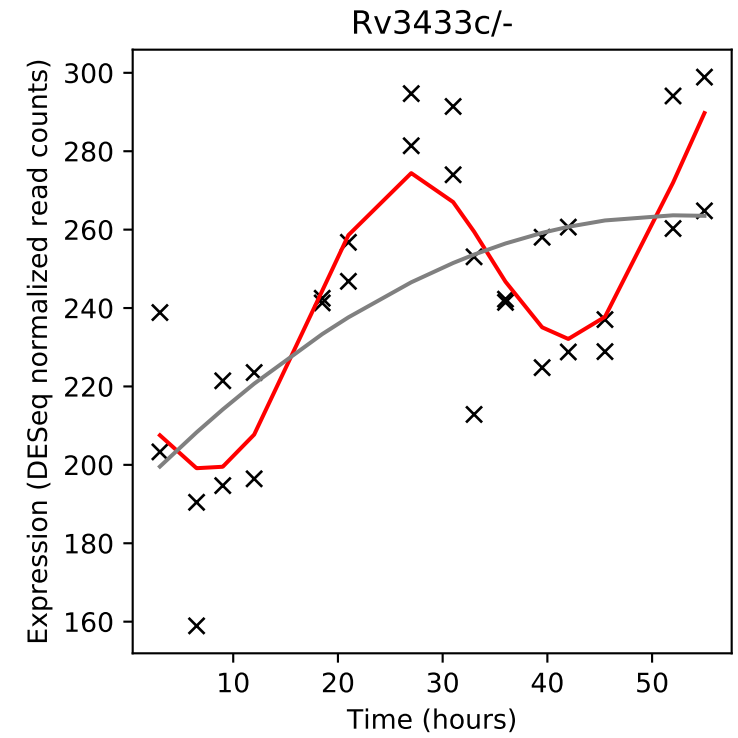

Rv3389c/htdY
Rv3390/lpqD
Rv3391/acrA1
Rv3392c/cmaA1
Rv3393/iunH
Rv3394c/-
Rv3395c/-
Rv3395A/-
Rv3396c/guaA
Expression (DESeq normalized read counts)
Time (hours)

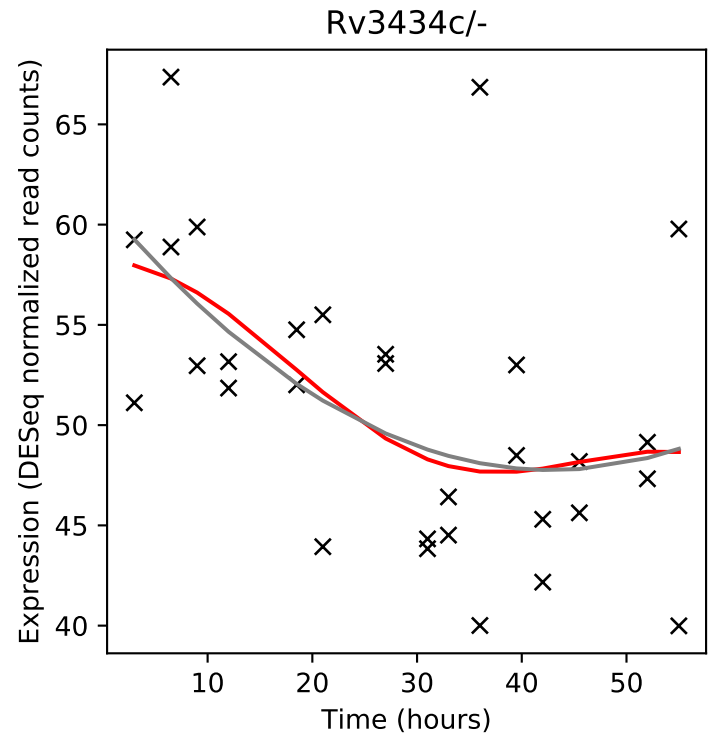

Rv3397c/phyA
Rv3398c/idsA1
Rv3399/-
Rv3400/-
Rv3401/-
Rv3402c/-
Rv3403c/-
Rv3404c/-
Rv3405c/-
Expression (DESeq normalized read counts)
Time (hours)

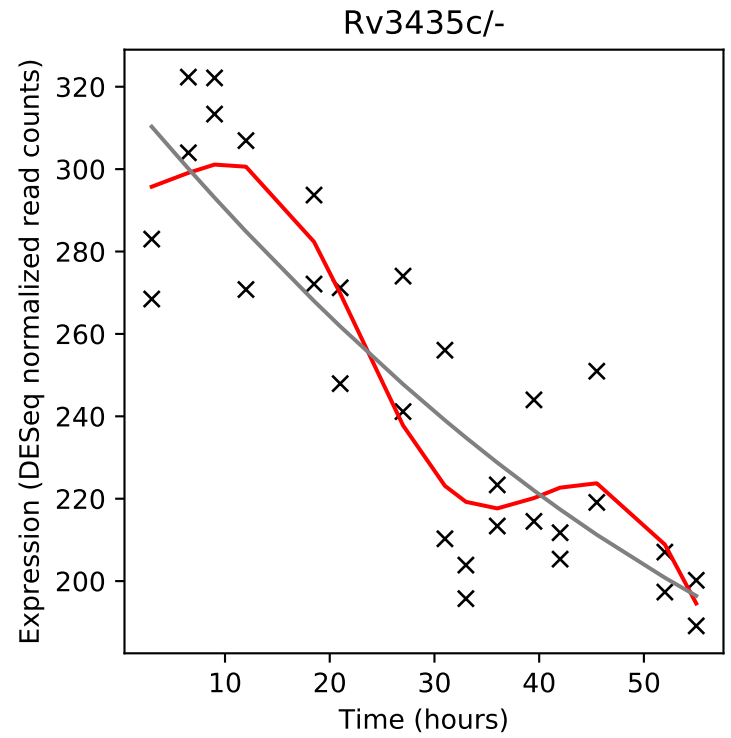

Rv3406/-
Rv3407/vapB47
Rv3408/vapC47
Rv3409c/choD
Rv3410c/guaB3
Rv3411c/guaB2
Rv3412/-
Rv3413c/-
Rv3414c/sigD
Expression (DESeq normalized read counts)
Time (hours)

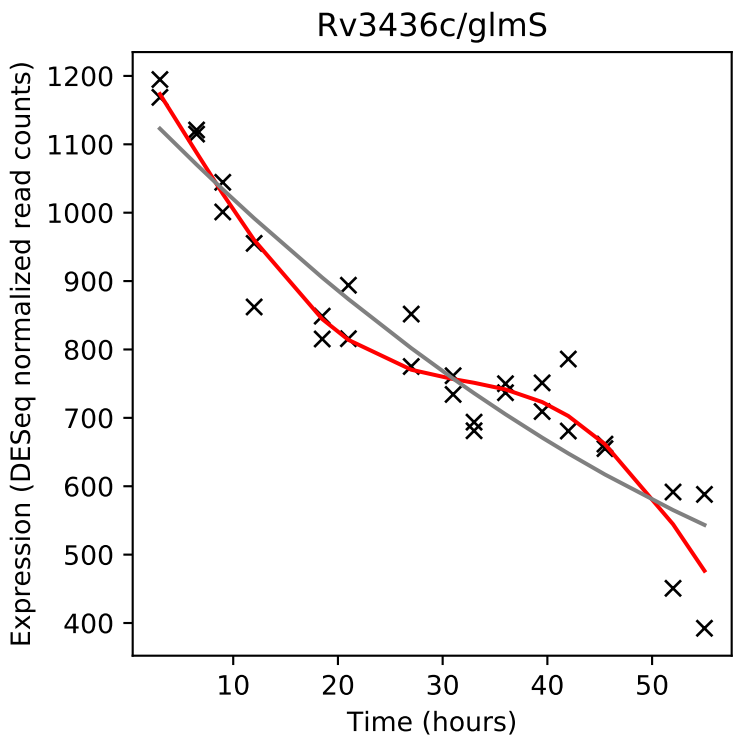

Rv3415c/-
Rv3416/whiB3
Rv3417c/groEL1
Rv3418c/groES
Rv3419c/gcp
Rv3420c/rimI
Rv3421c/-
Rv3422c/-
Rv3423c/alr
Expression (DESeq normalized read counts)
Time (hours)

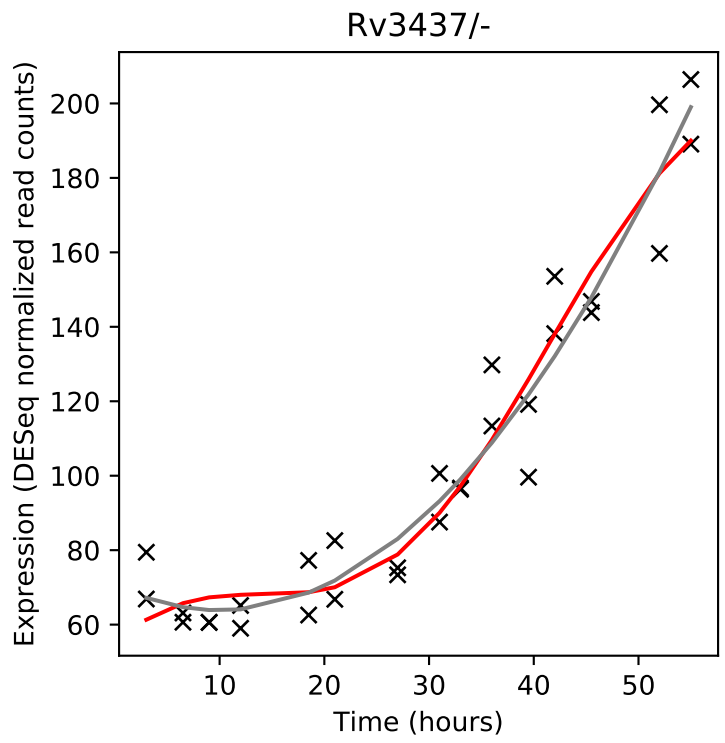

Rv3424c/-
Rv3425/PPE57
Rv3426/PPE58
Rv3427c/-
Rv3428c/-
Rv3429/PPE59
Rv3430c/-
Rv3431c/-
Rv3432c/gadB
Expression (DESeq normalized read counts)
Time (hours)

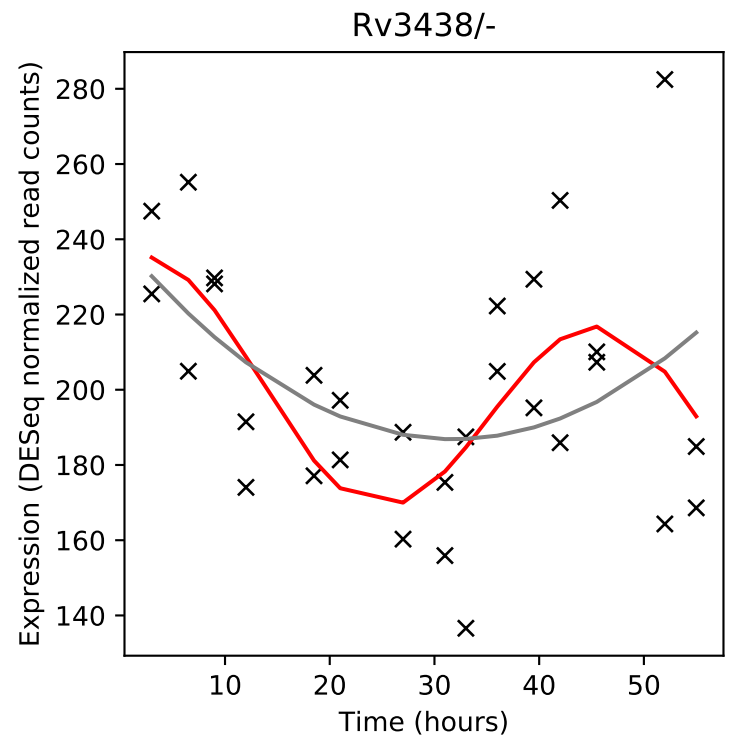

Rv3433c/-
Expression (DESeq normalized read counts)
Time (hours)

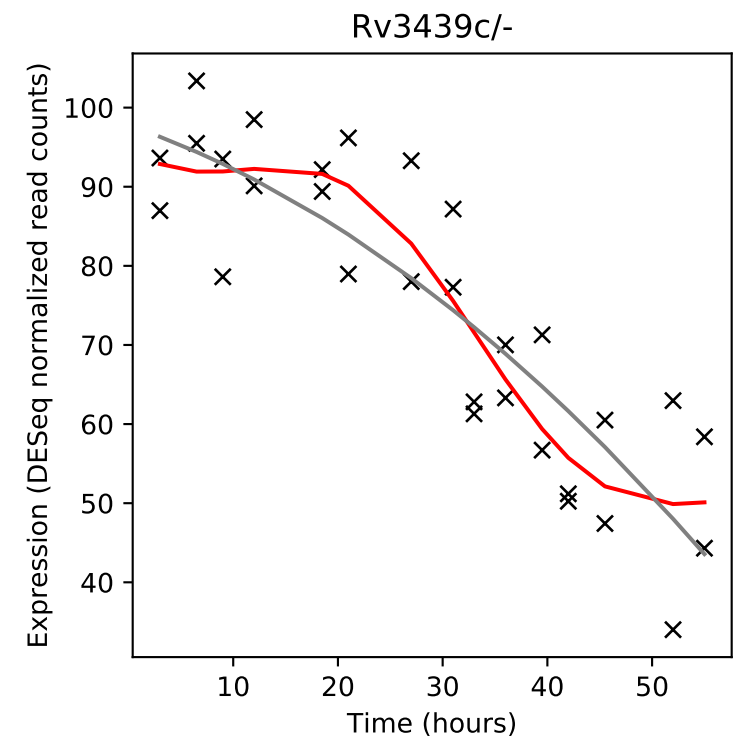

Rv3434c/-
Expression (DESeq normalized read counts)
Time (hours)

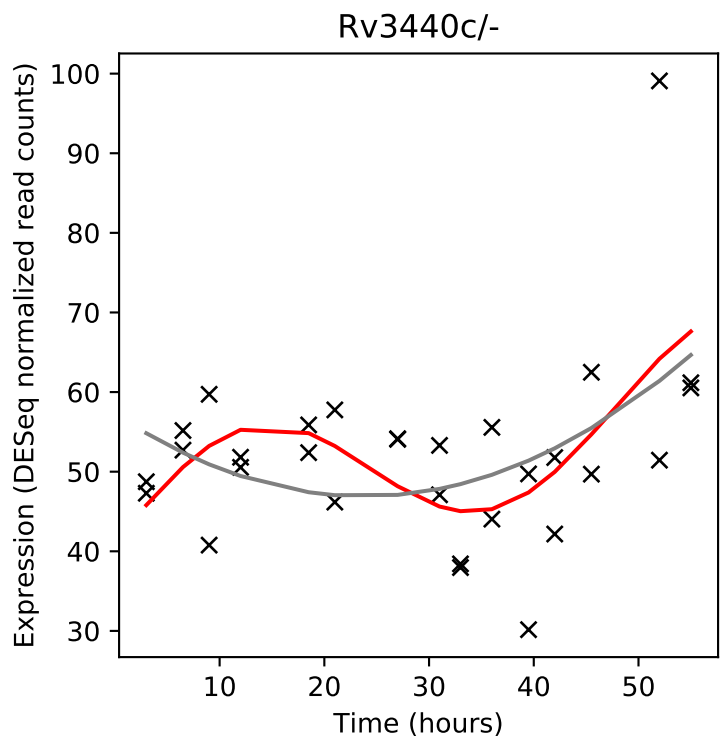

Rv3435c/-
Expression (DESeq normalized read counts)
Time (hours)

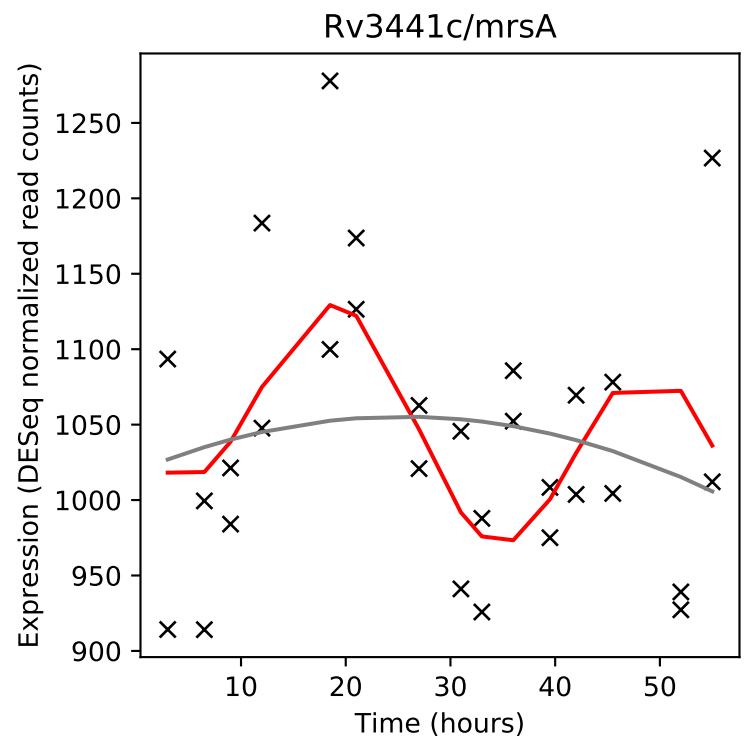

Rv3436c/glmS
Expression (DESeq normalized read counts)
Time (hours)

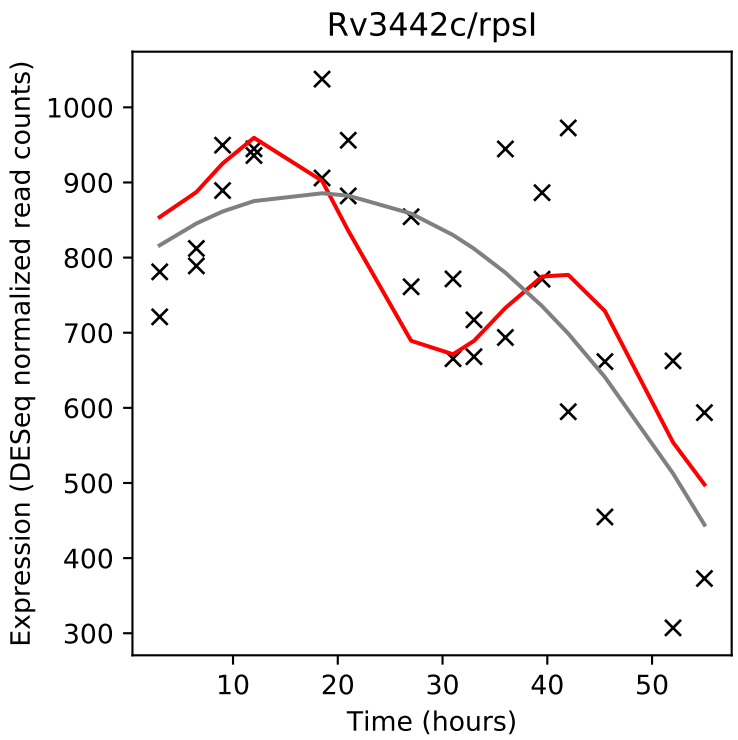

Rv3437/-
Expression (DESeq normalized read counts)
Time (hours)

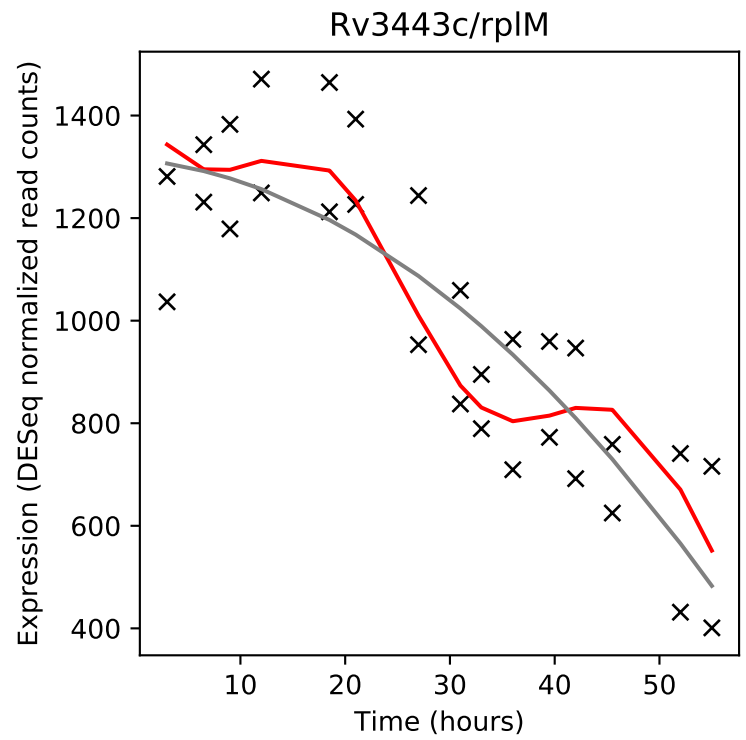

Rv3438/-
Expression (DESeq normalized read counts)
Time (hours)

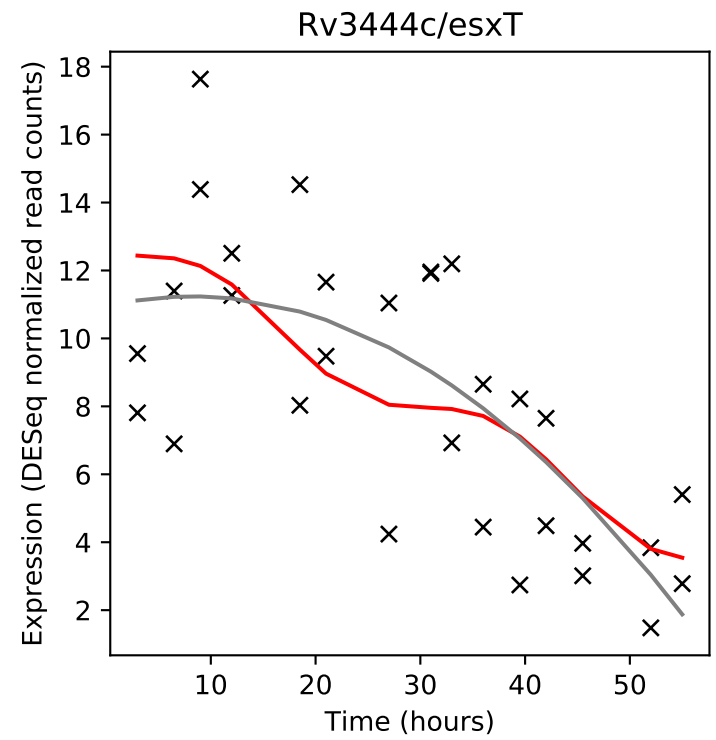

Rv3439c/-
Expression (DESeq normalized read counts)
Time (hours)

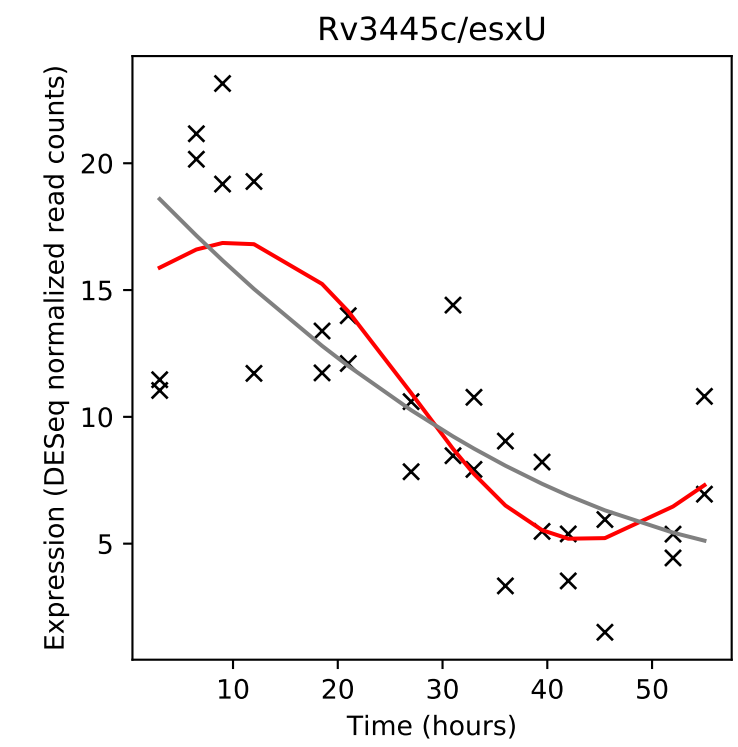

Rv3440c/-
Expression (DESeq normalized read counts)
Time (hours)

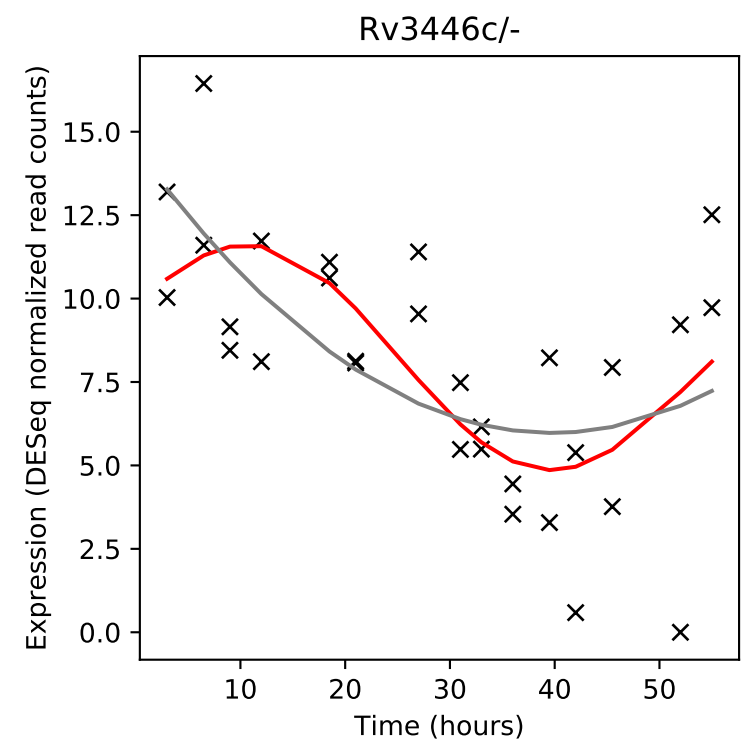

Rv3441c/mrsA
Expression (DESeq normalized read counts)
Time (hours)

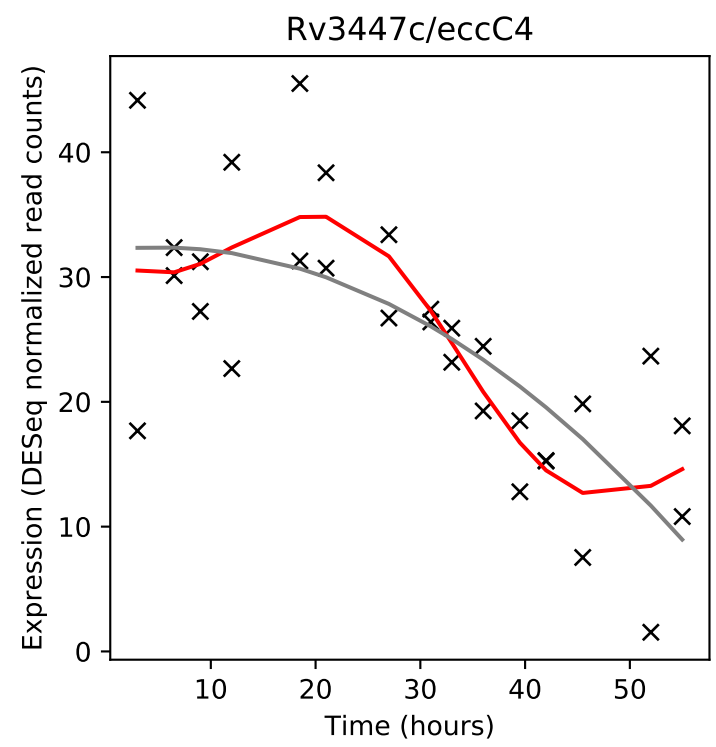

Rv3442c/rpsI
Expression (DESeq normalized read counts)
Time (hours)

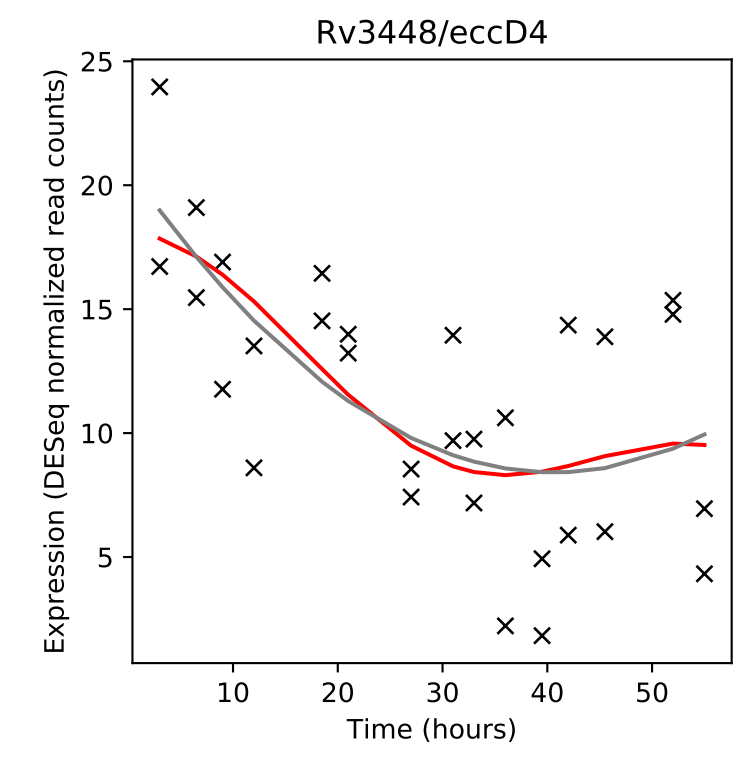

Rv3443c/rplM
Expression (DESeq normalized read counts)
Time (hours)

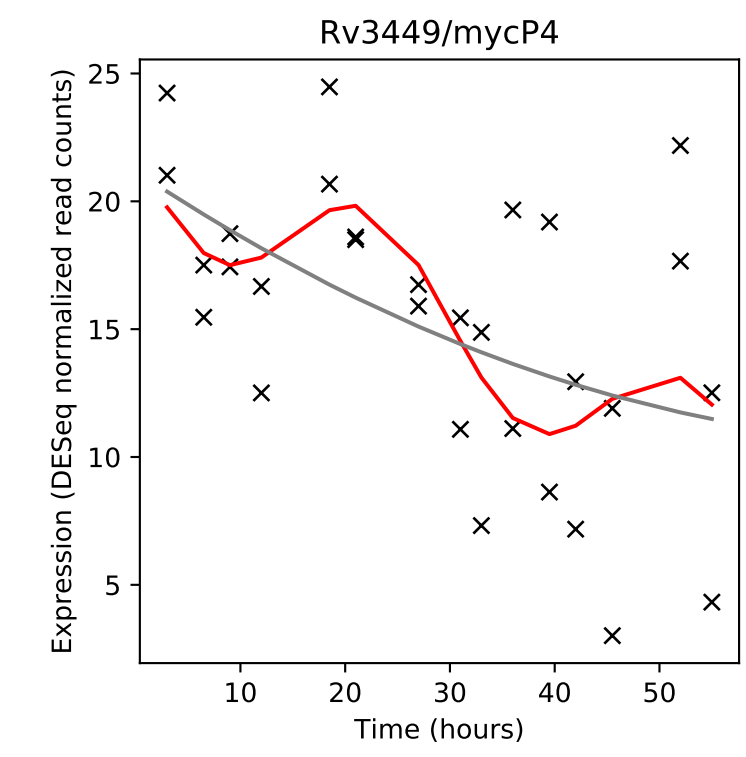

Rv3444c/esxT
Expression (DESeq normalized read counts)
Time (hours)

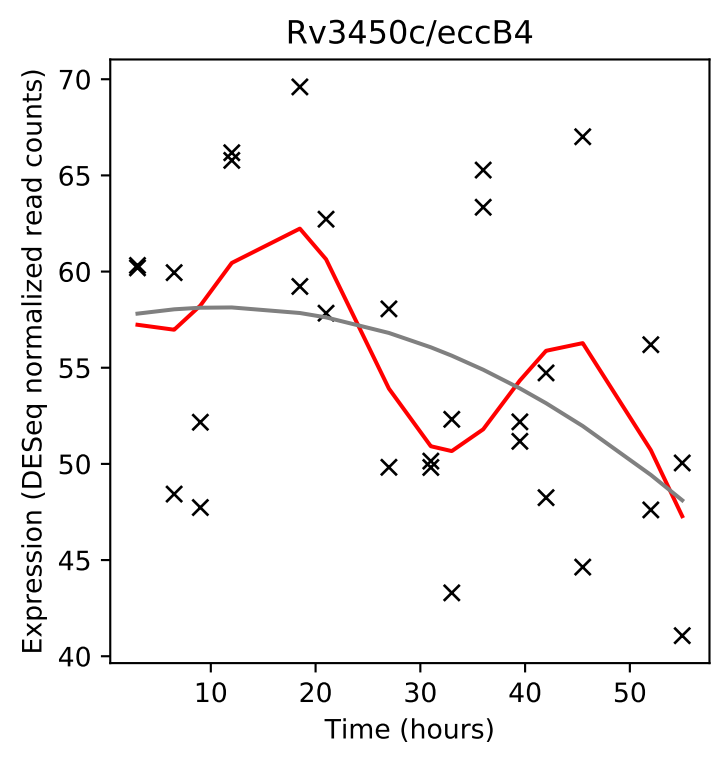

Rv3445c/esxU
Expression (DESeq normalized read counts)
Time (hours)

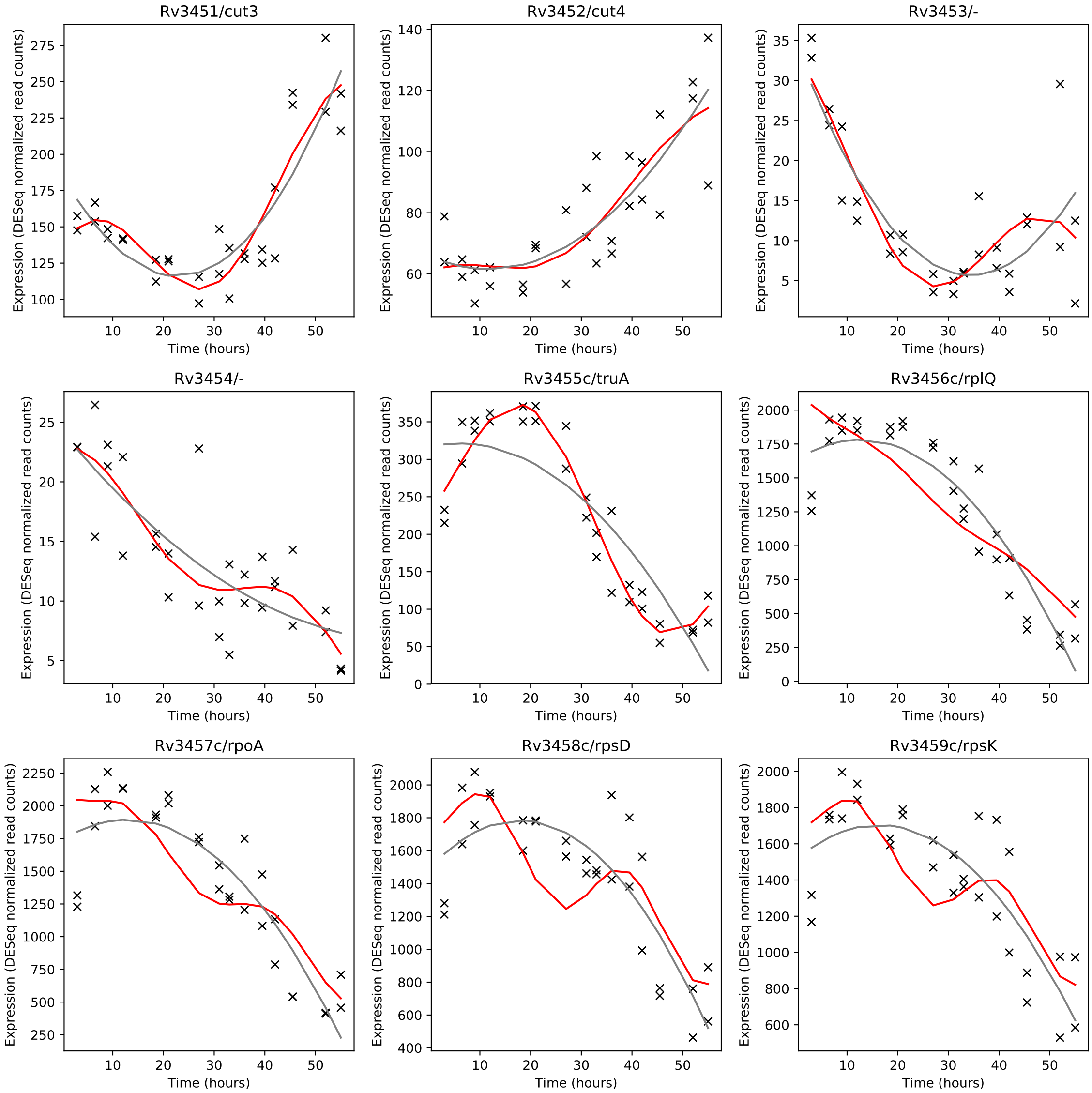

Rv3446c/-
Expression (DESeq normalized read counts)
Time (hours)

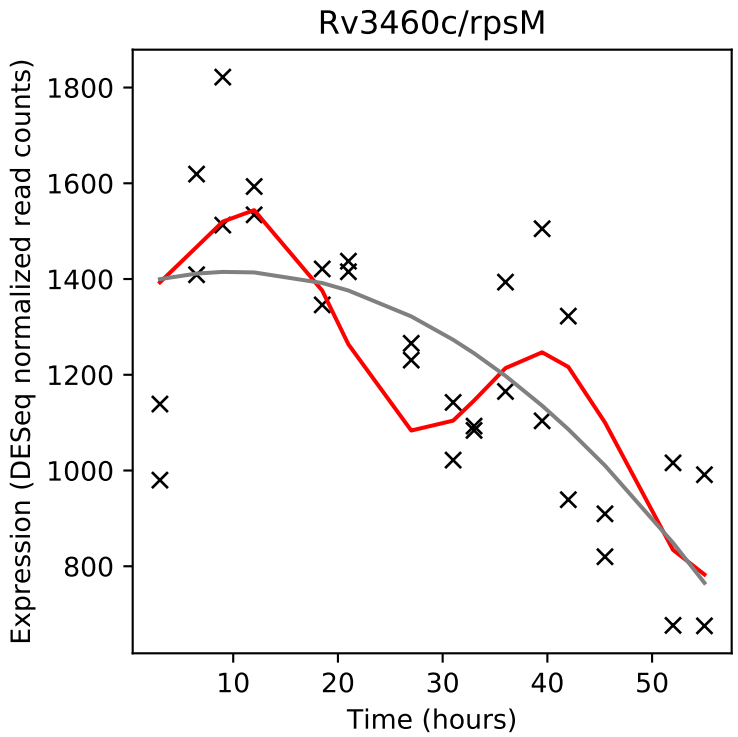

Rv3447c/eccC4
Expression (DESeq normalized read counts)
Time (hours)

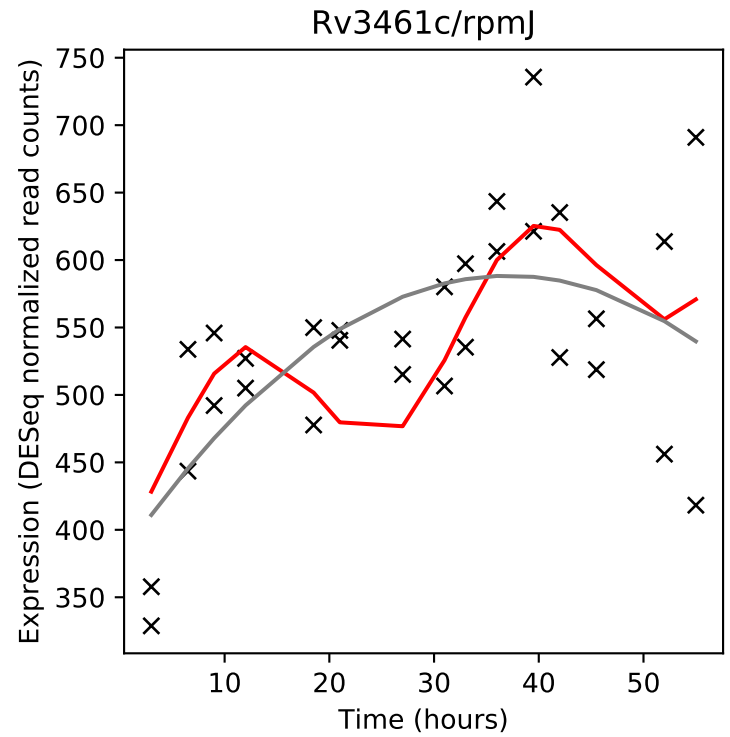

Rv3448/eccD4
Expression (DESeq normalized read counts)
Time (hours)

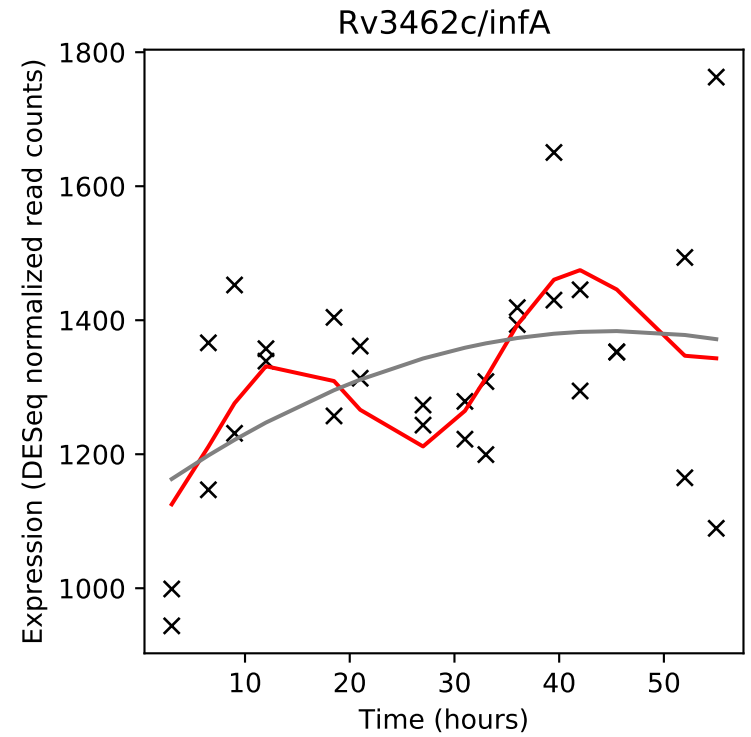

Rv3449/mycP4
Expression (DESeq normalized read counts)
Time (hours)

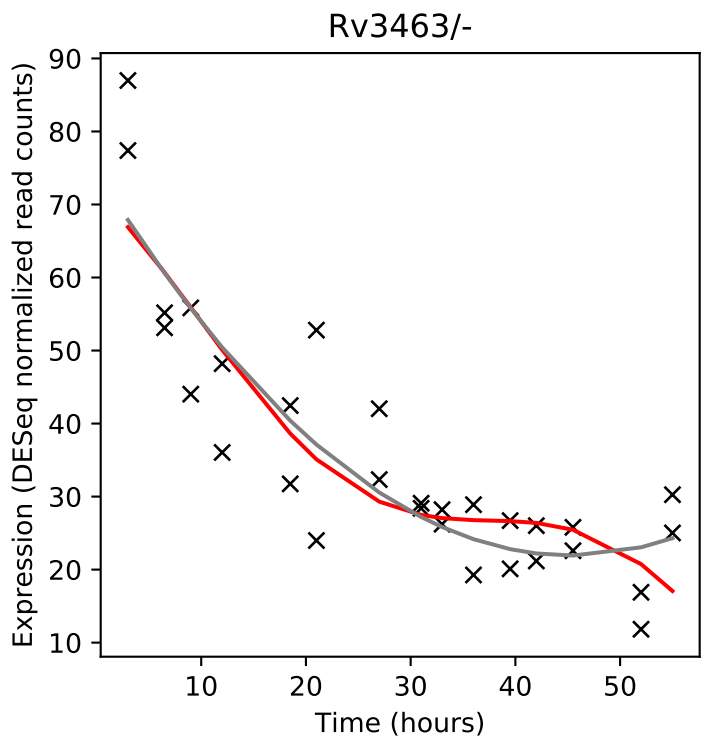

Rv3450c/eccB4
Expression (DESeq normalized read counts)
Time (hours)

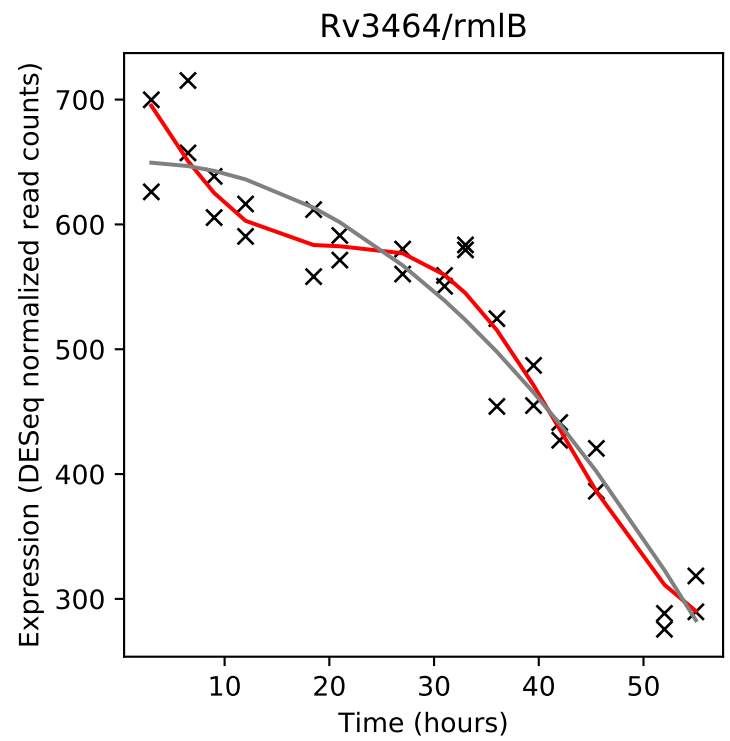

Rv3451/cut3
Rv3452/cut4
Rv3453/-
Rv3454/-
Rv3455c/truA
Rv3456c/rplQ
Rv3457c/rpoA
Rv3458c/rpsD
Rv3459c/rpsK
Expression (DESeq normalized read counts)
Time (hours)

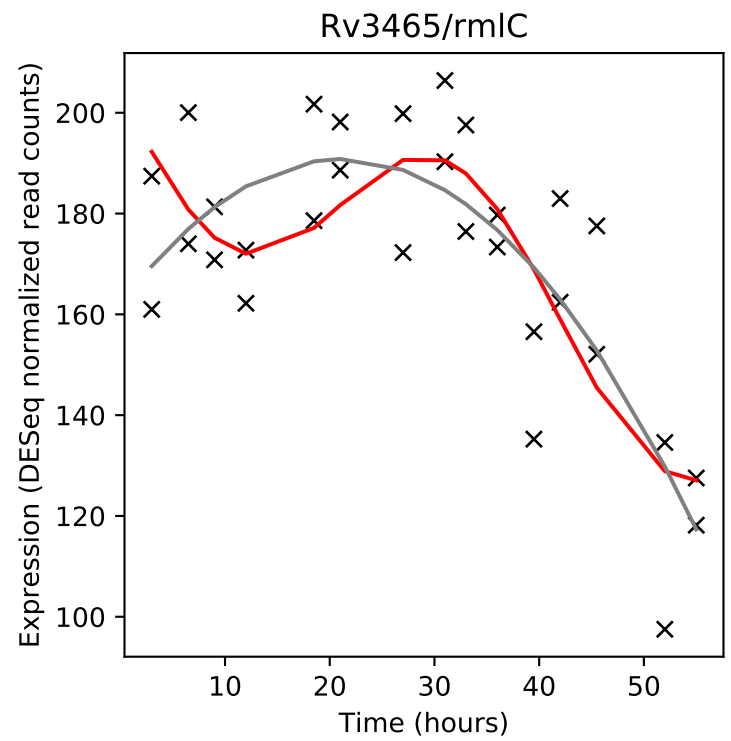

Rv3460c/rpsM
Expression (DESeq normalized read counts)
Time (hours)

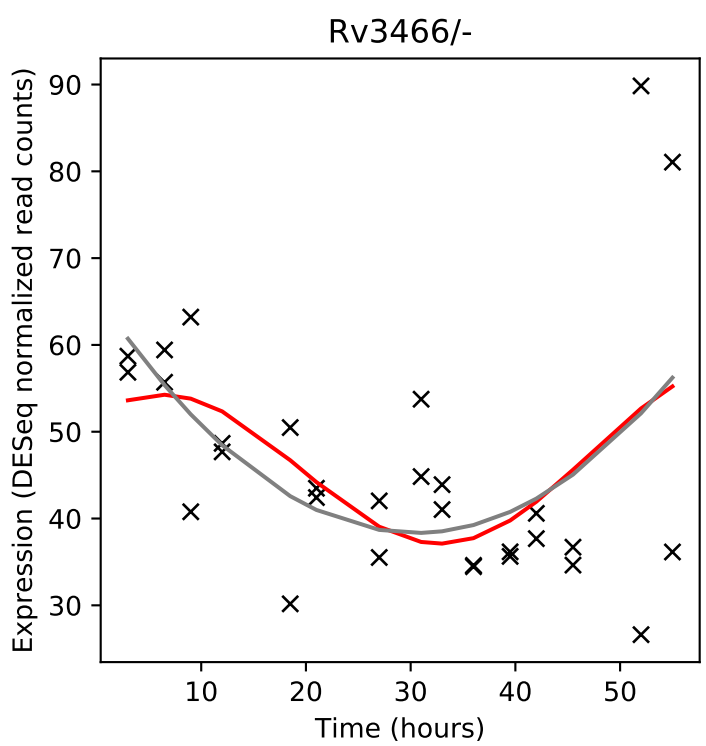

Rv3461c/rpmJ
Expression (DESeq normalized read counts)
Time (hours)

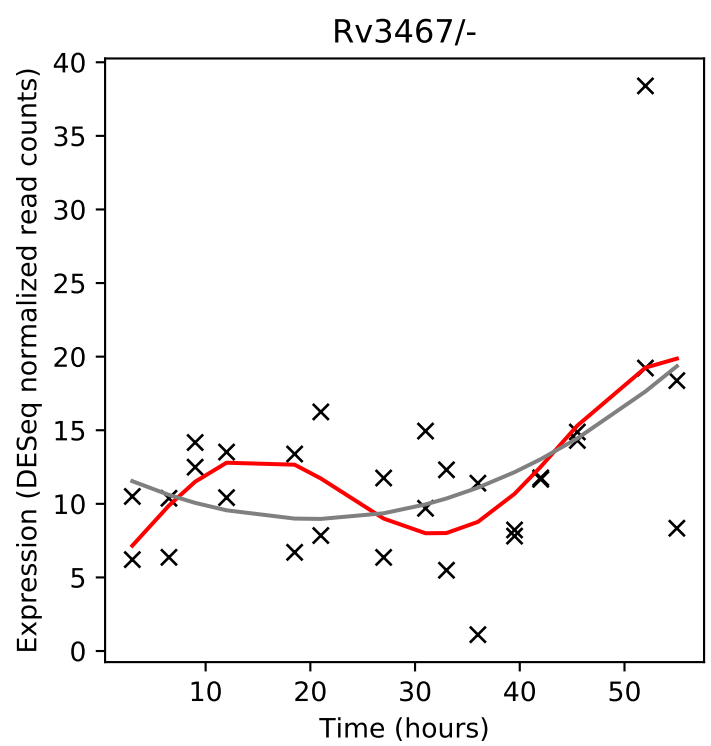

Rv3462c/infA
Expression (DESeq normalized read counts)
Time (hours)

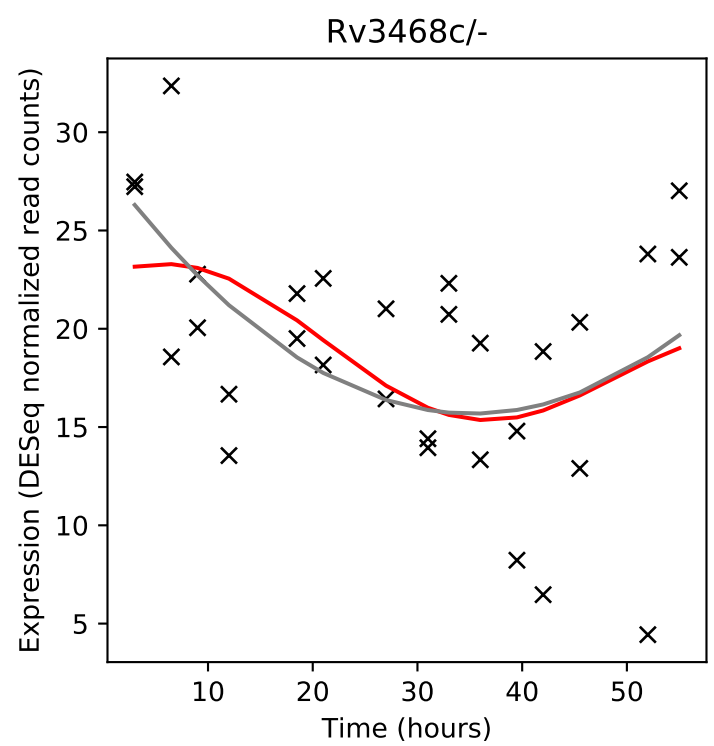

Rv3463/-
Expression (DESeq normalized read counts)
Time (hours)

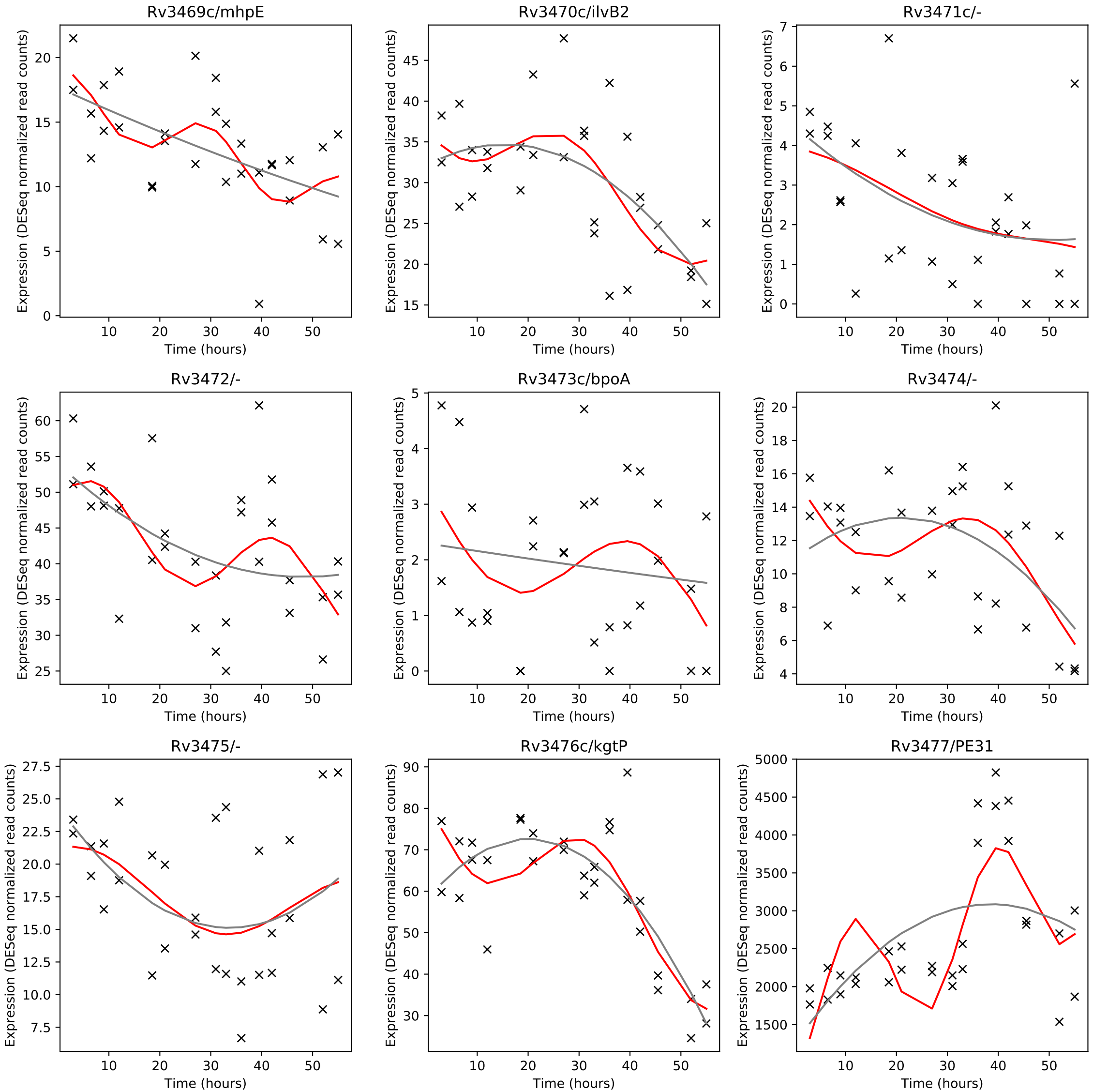

Rv3464/rmlB
Expression (DESeq normalized read counts)
Time (hours)

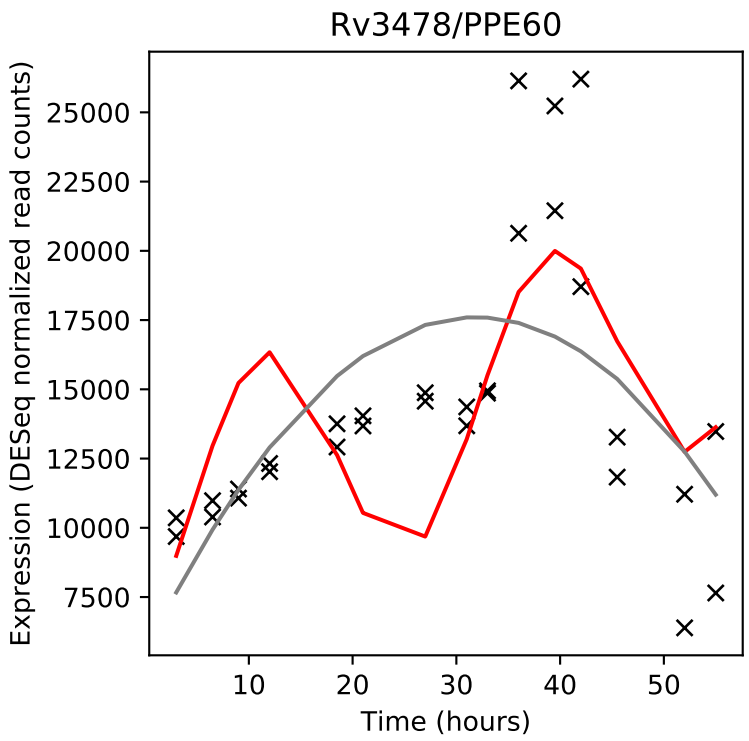

Rv3465/rmlC
Expression (DESeq normalized read counts)
Time (hours)

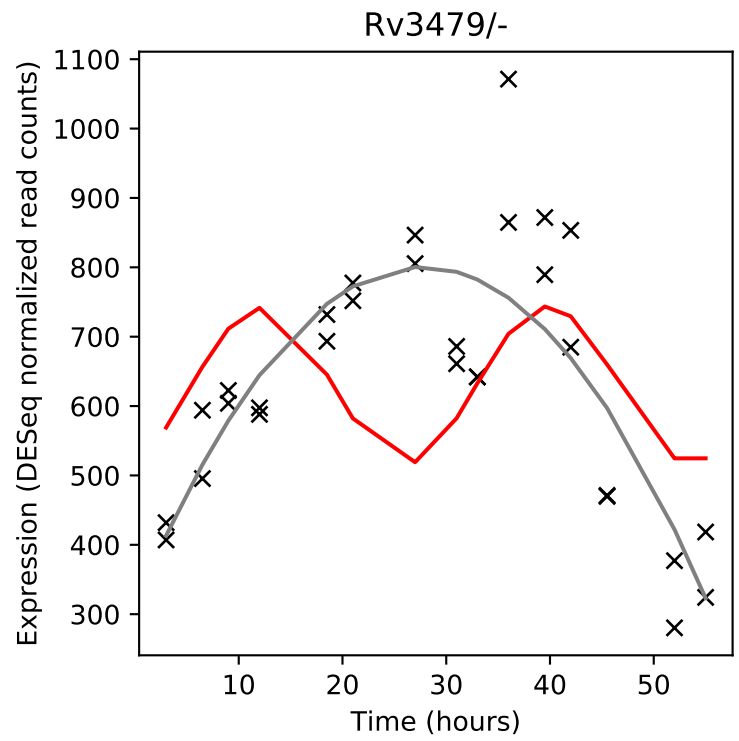

Rv3466/-
Expression (DESeq normalized read counts)
Time (hours)

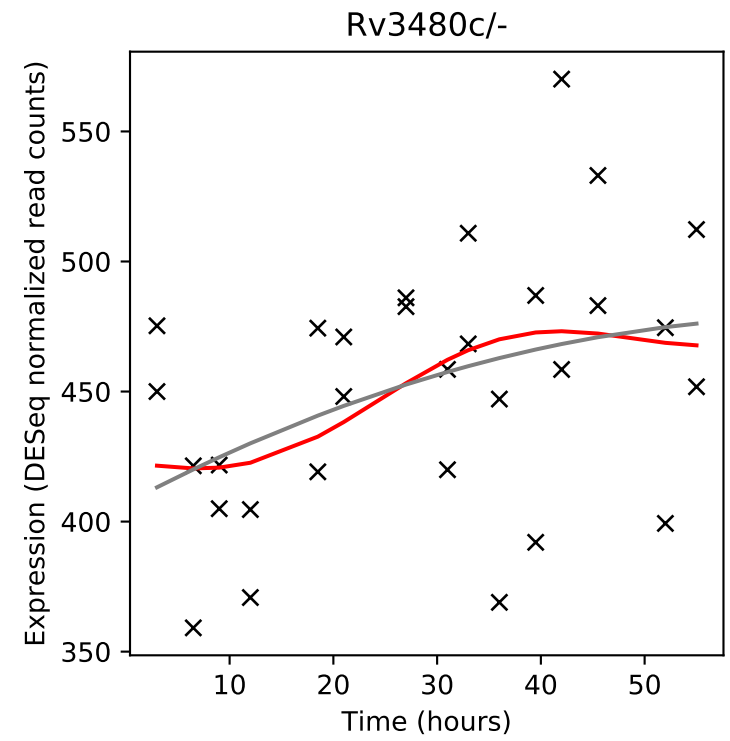

Rv3467/-
Expression (DESeq normalized read counts)
Time (hours)

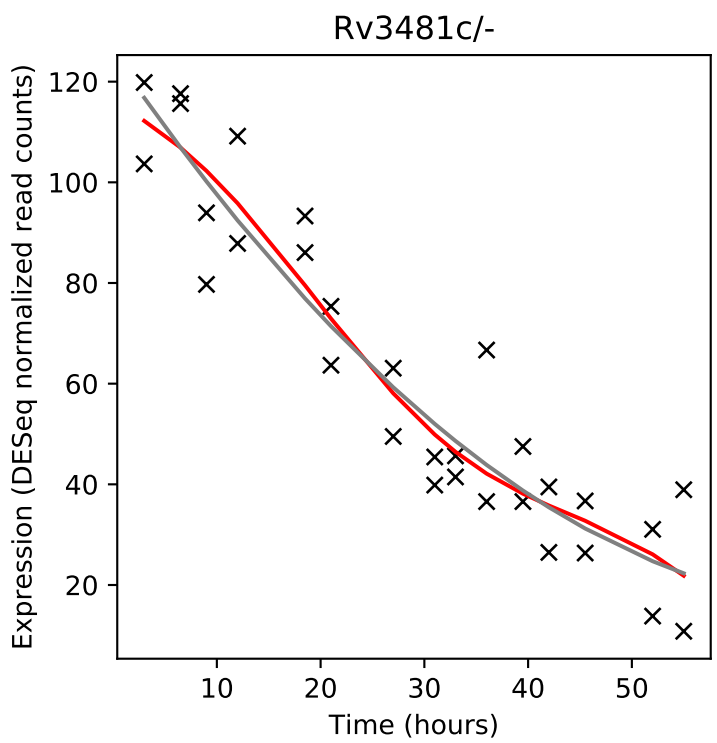

Rv3468c/-
Expression (DESeq normalized read counts)
Time (hours)

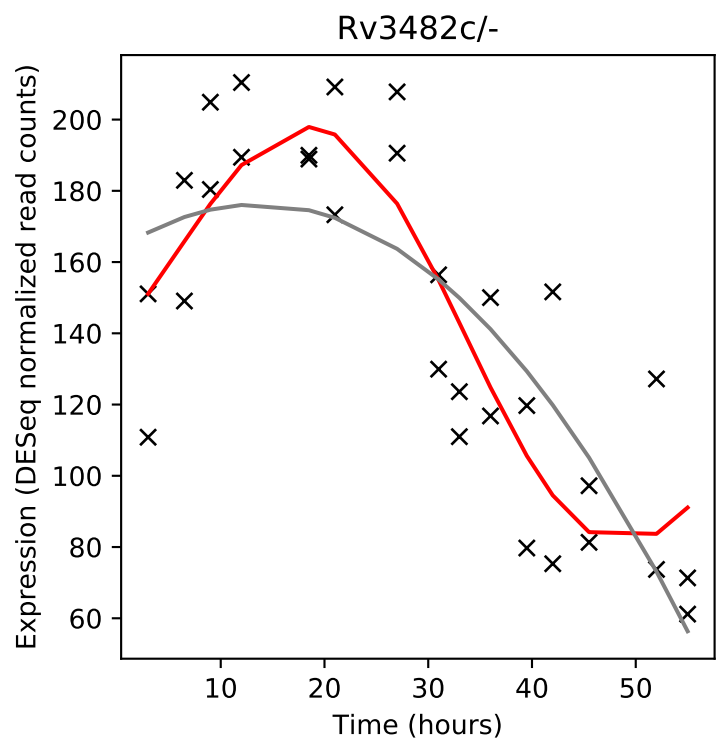

Rv3469c/mhpE
Rv3470c/ilvB2
Rv3471c/-
Rv3472/-
Rv3473c/bpoA
Rv3474/-
Rv3475/-
Rv3476c/kgtP
Rv3477/PE31
Expression (DESeq normalized read counts)
Time (hours)

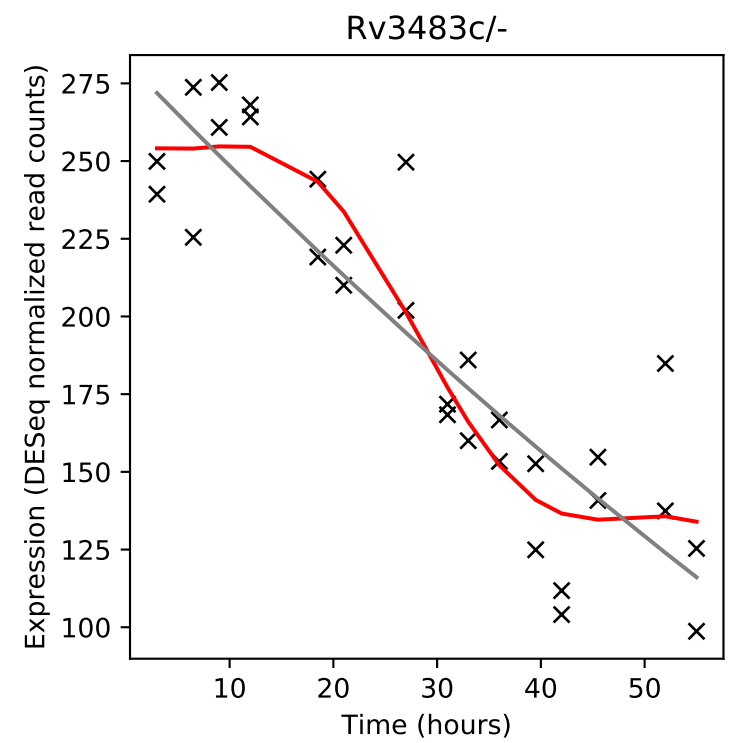

Rv3478/PPE60
Expression (DESeq normalized read counts)
Time (hours)

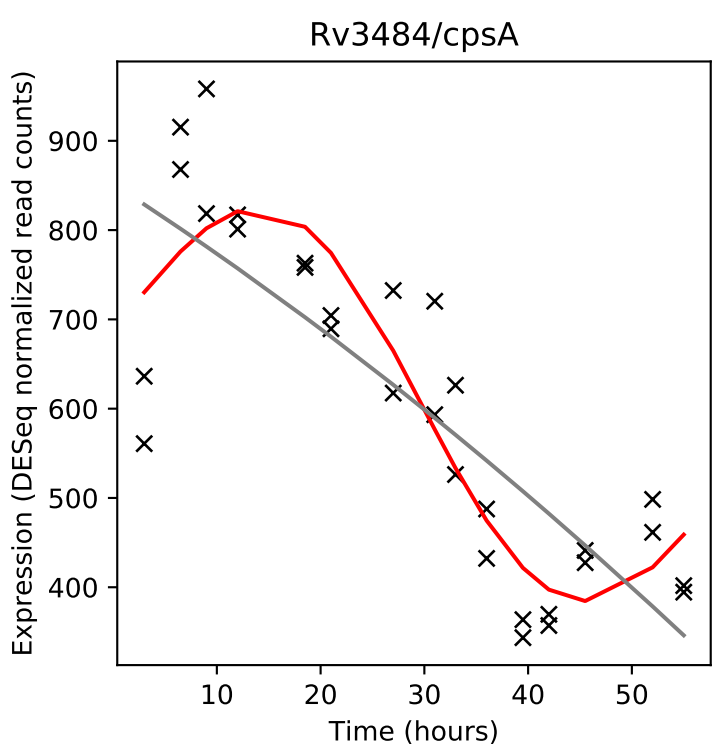

Rv3479/-
Expression (DESeq normalized read counts)
Time (hours)

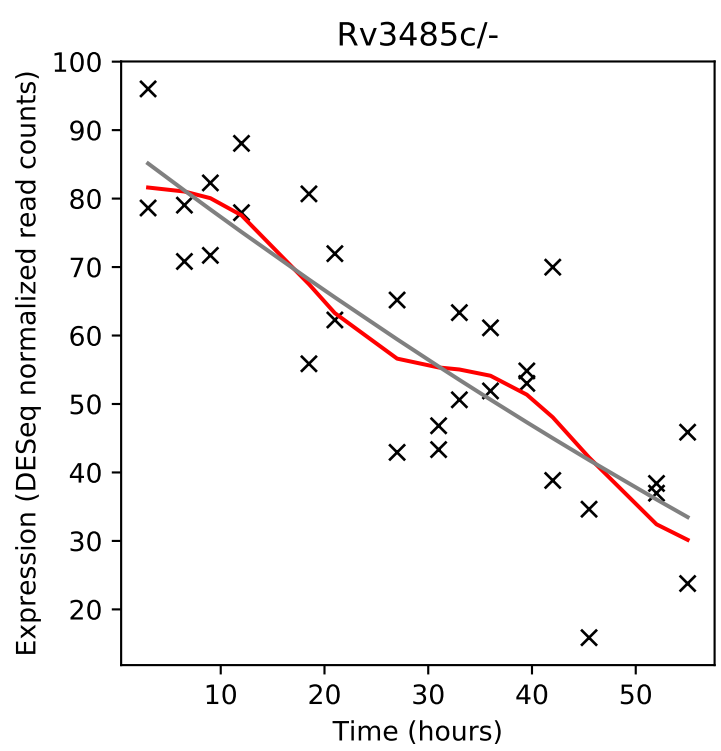

Rv3480c/-
Expression (DESeq normalized read counts)
Time (hours)

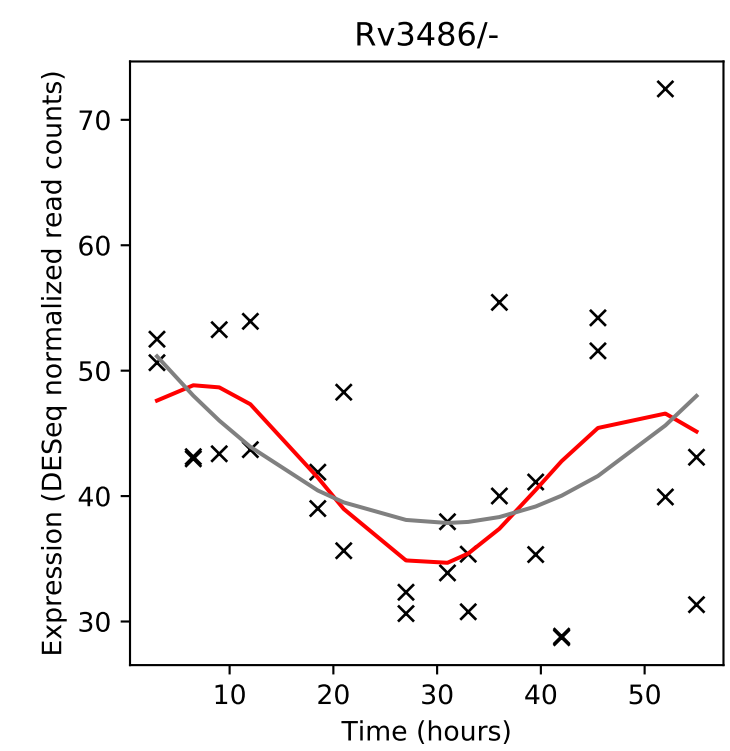

Rv3481c/-
Expression (DESeq normalized read counts)
Time (hours)

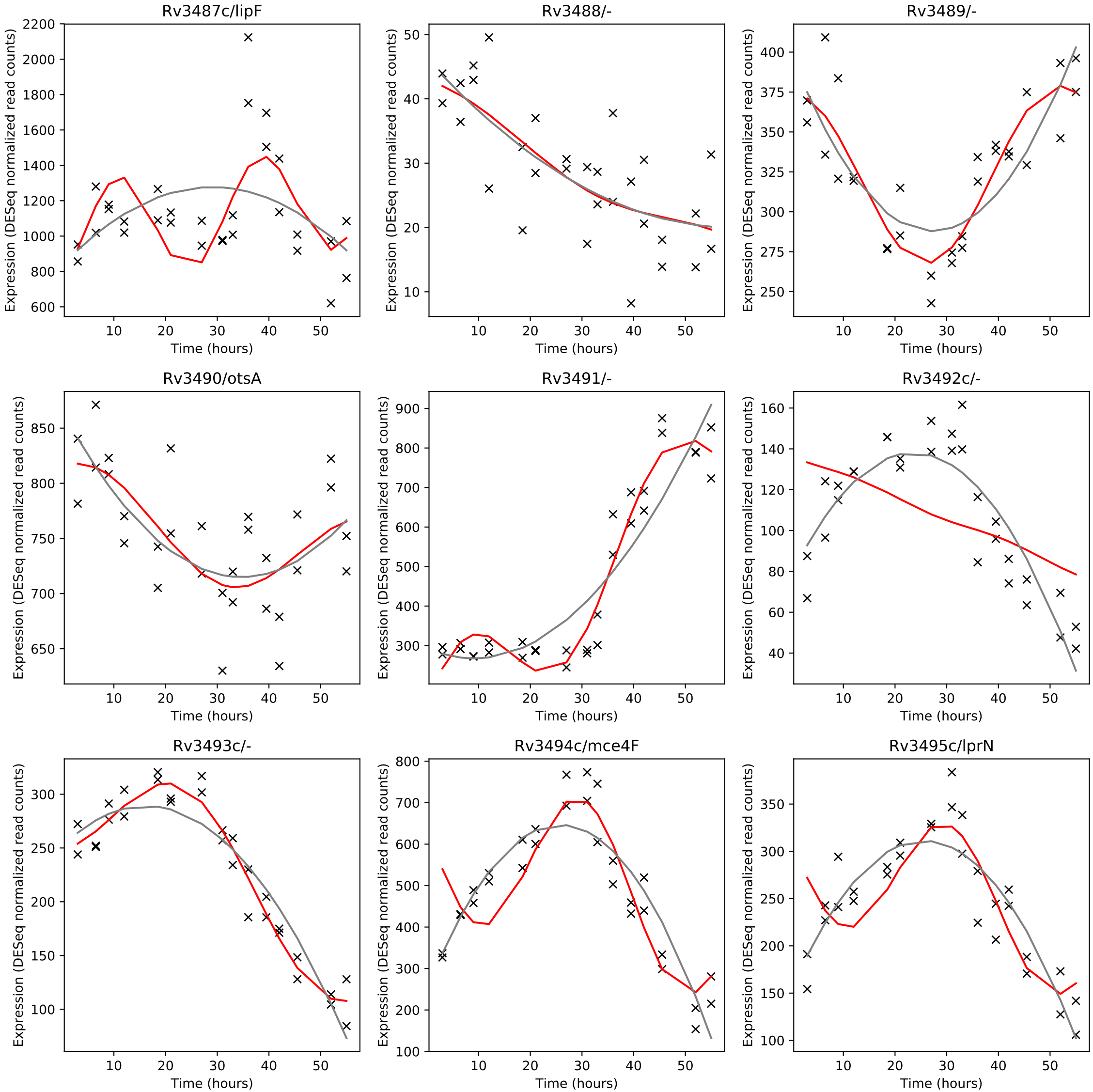

Rv3482c/-
Expression (DESeq normalized read counts)
Time (hours)

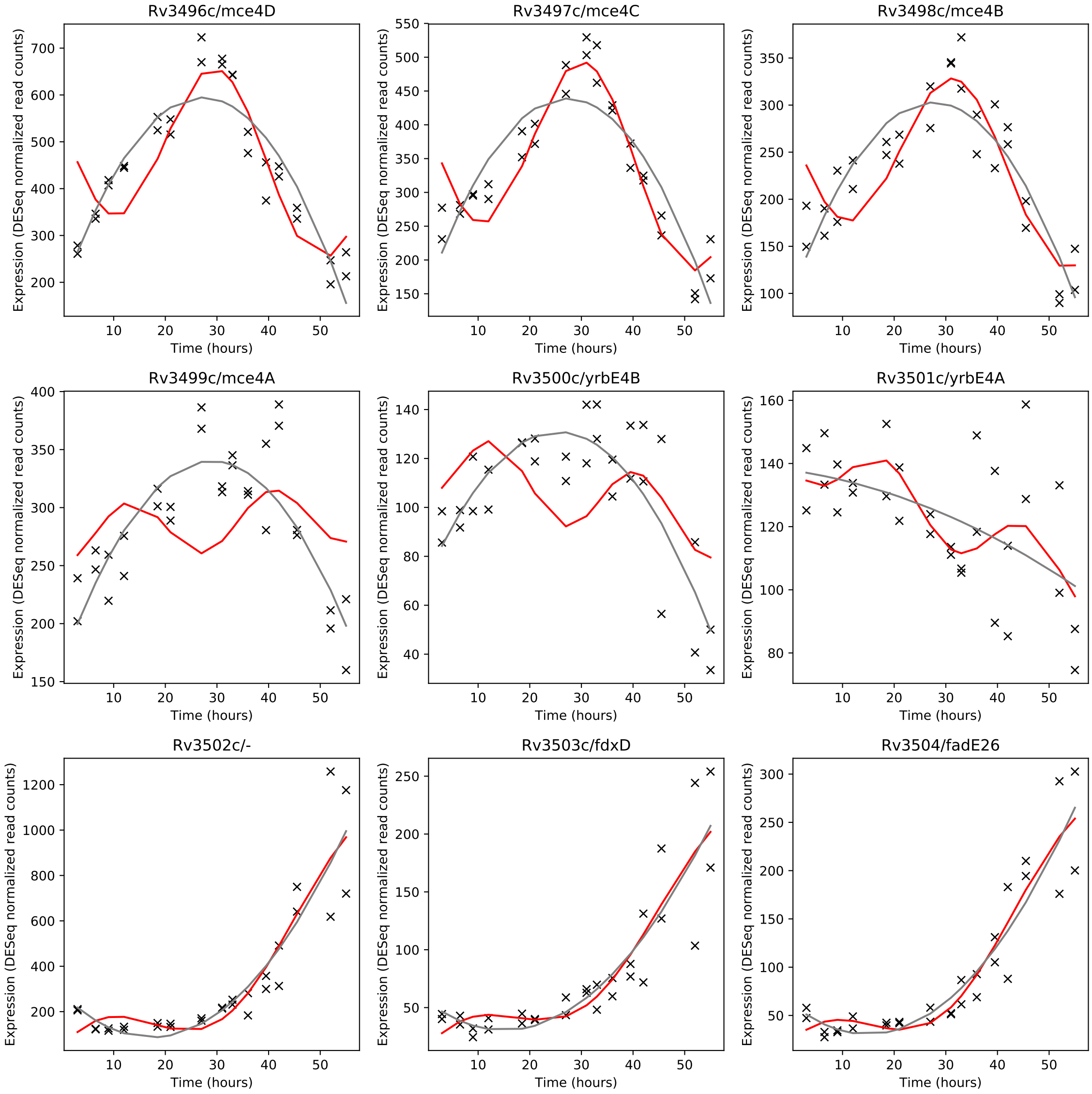

Rv3483c/-
Expression (DESeq normalized read counts)
Time (hours)

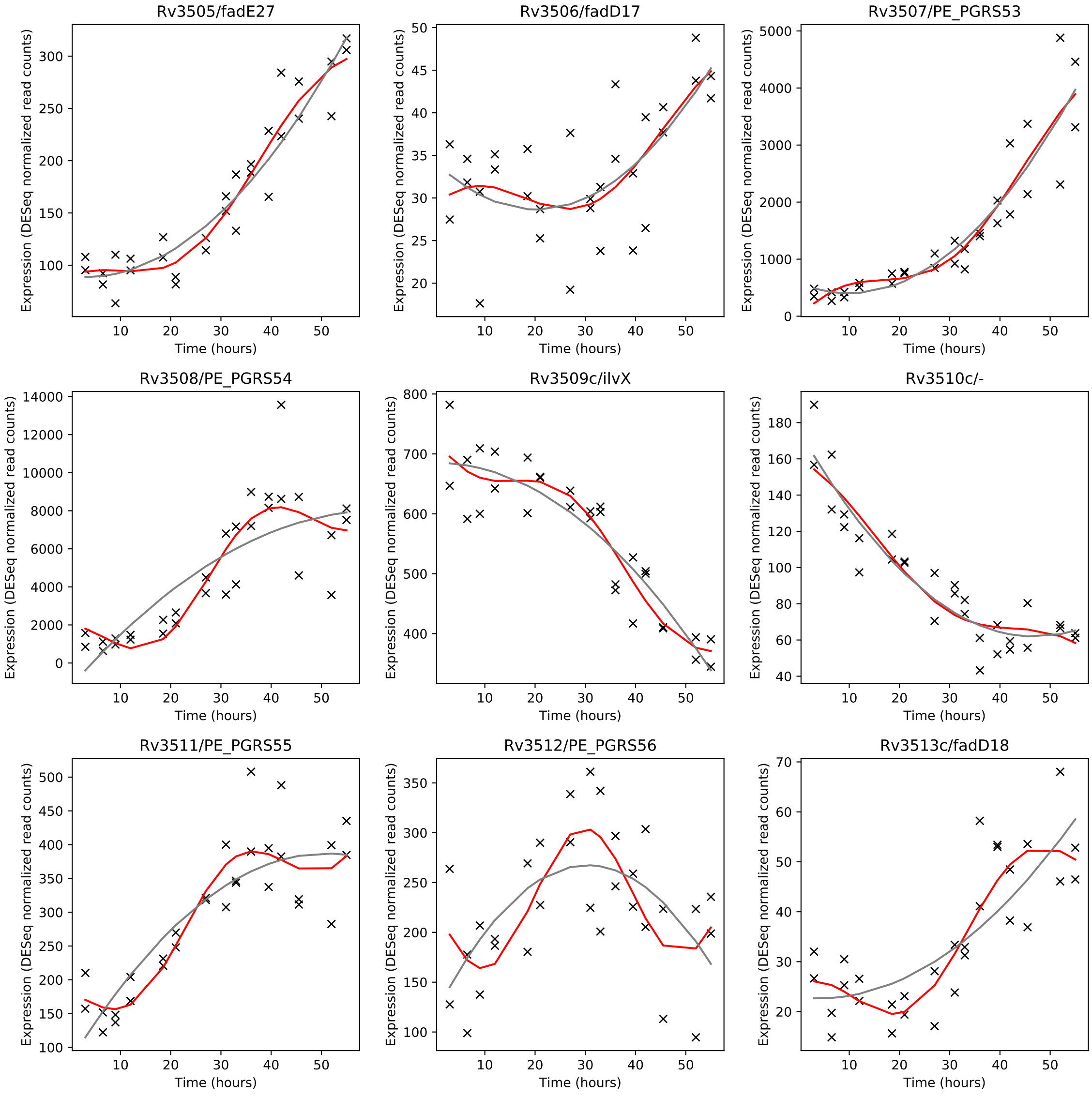

Rv3484/cpsA
Expression (DESeq normalized read counts)
Time (hours)

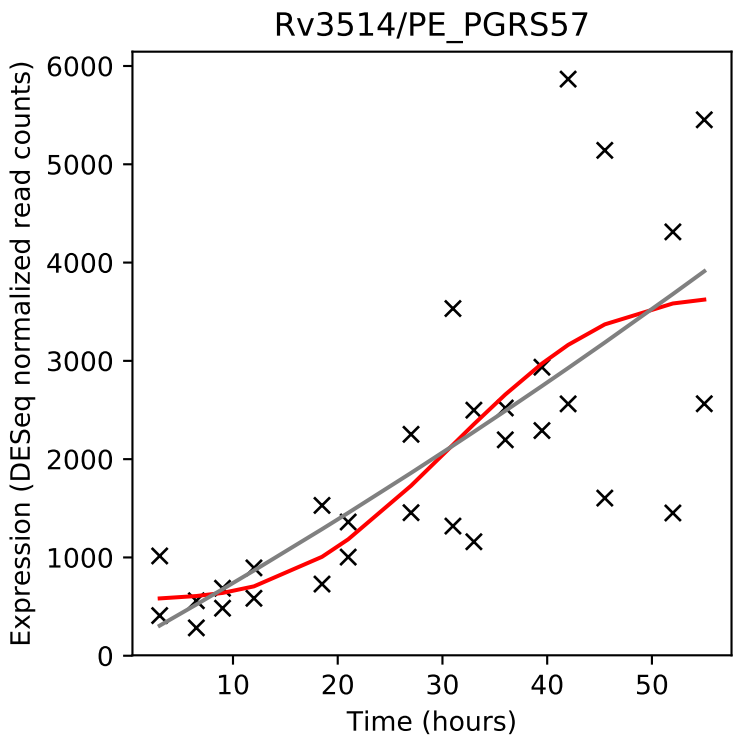

Rv3485c/-
Expression (DESeq normalized read counts)
Time (hours)

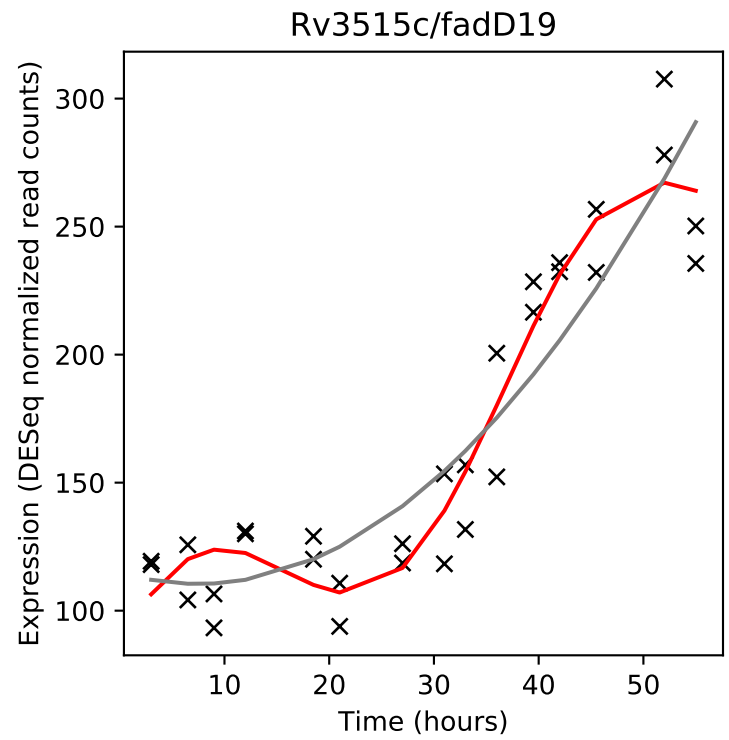

Rv3486/-
Expression (DESeq normalized read counts)
Time (hours)

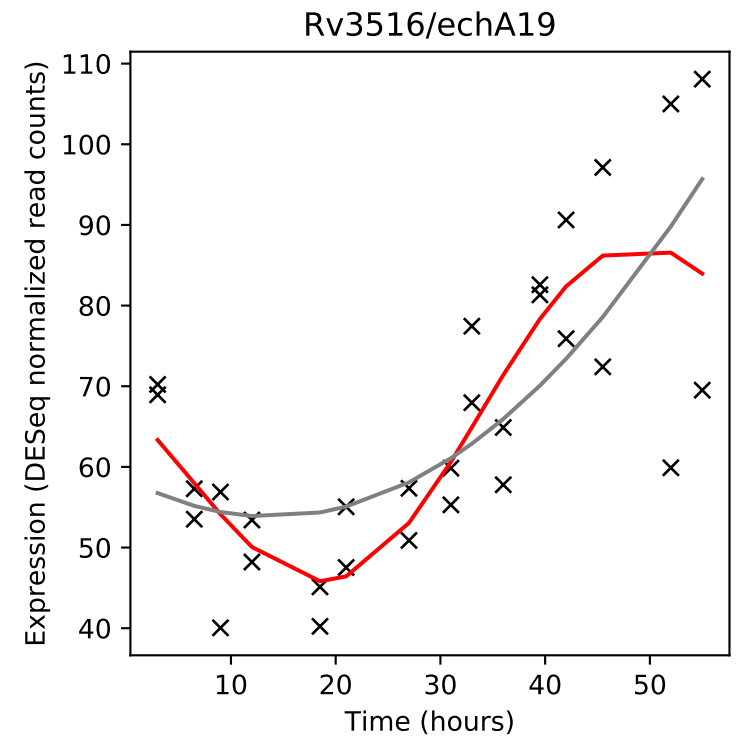

Rv3487c/lipF
Rv3488/-
Rv3489/-
Rv3490/otsA
Rv3491/-
Rv3492c/-
Rv3493c/-
Rv3494c/mce4F
Rv3495c/lprN
Expression (DESeq normalized read counts)
Time (hours)

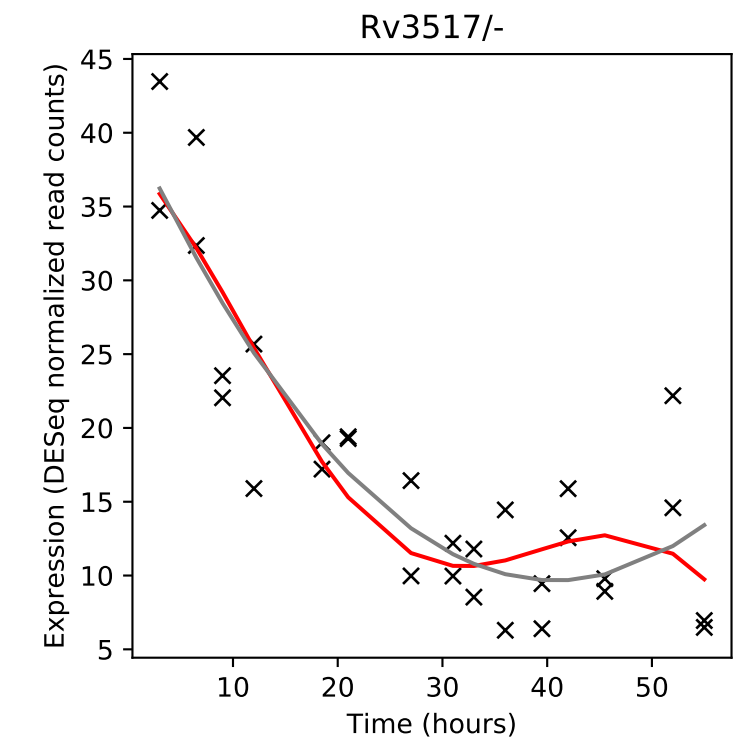

Rv3496c/mce4D
Rv3497c/mce4C
Rv3498c/mce4B
Rv3499c/mce4A
Rv3500c/yrbE4B
Rv3501c/yrbE4A
Rv3502c/-
Rv3503c/fdxD
Rv3504/fadE26
Expression (DESeq normalized read counts)
Time (hours)

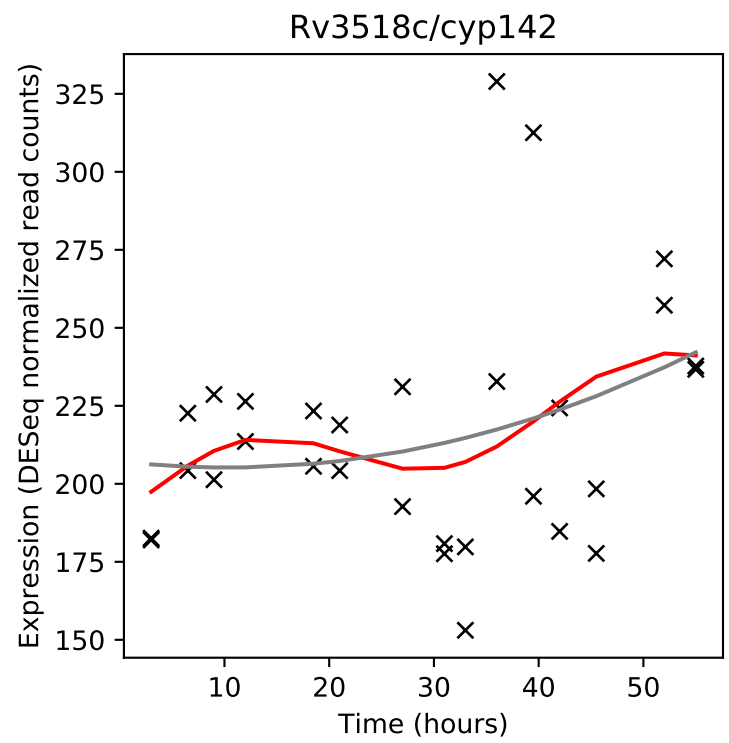

Rv3505/fadE27
Rv3506/fadD17
Rv3507/PE_PGRS53
Rv3508/PE_PGRS54
Rv3509c/ilvX
Rv3510c/-
Rv3511/PE_PGRS55
Rv3512/PE_PGRS56
Rv3513c/fadD18
Expression (DESeq normalized read counts)
Time (hours)

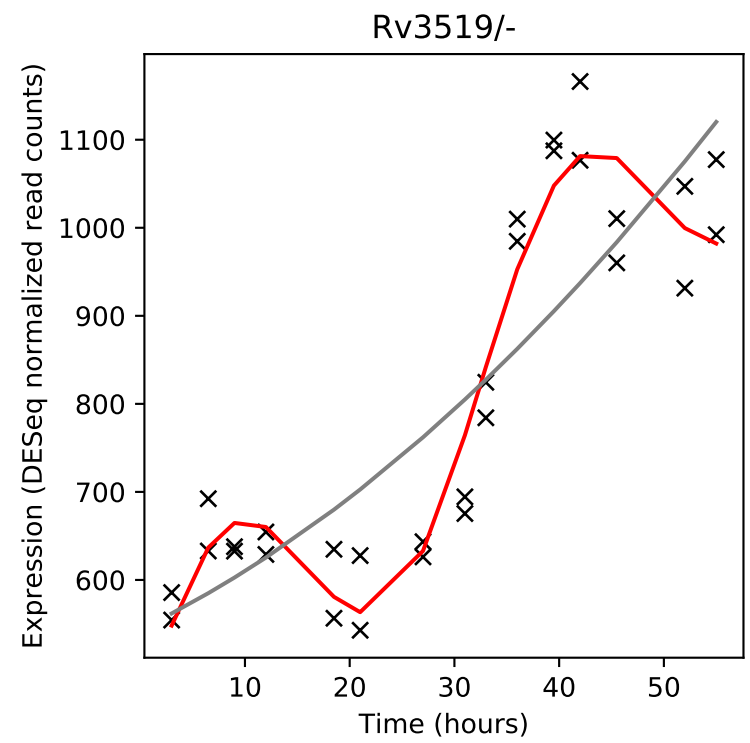

Rv3514/PE_PGRS57
Expression (DESeq normalized read counts)
Time (hours)

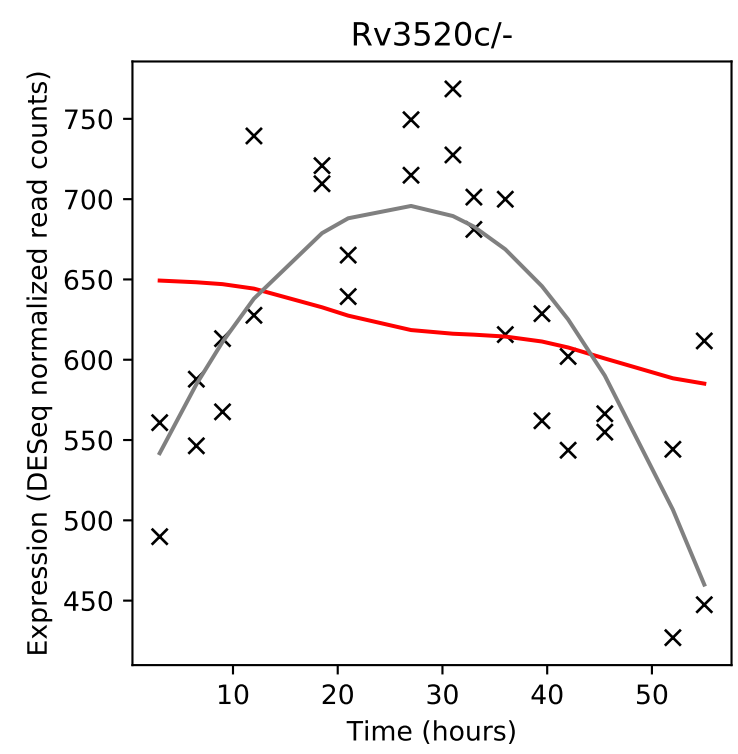

Rv3515c/fadD19
Expression (DESeq normalized read counts)
Time (hours)

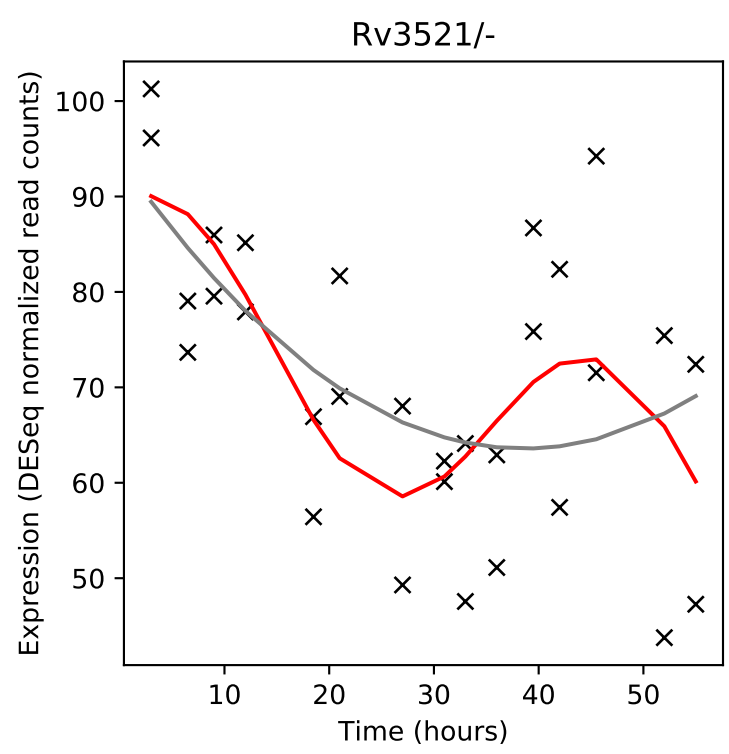

Rv3516/echA19
Expression (DESeq normalized read counts)
Time (hours)

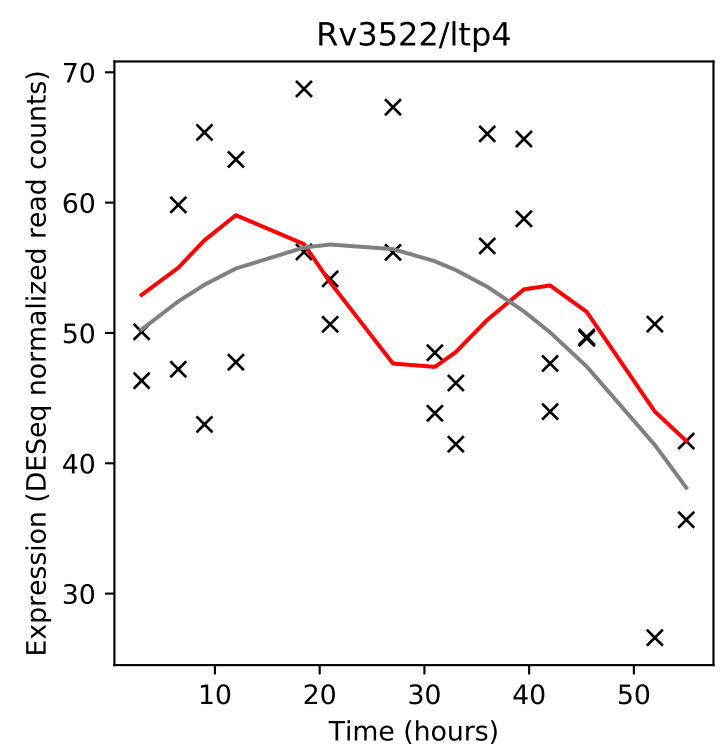

Rv3517/-
Expression (DESeq normalized read counts)
Time (hours)

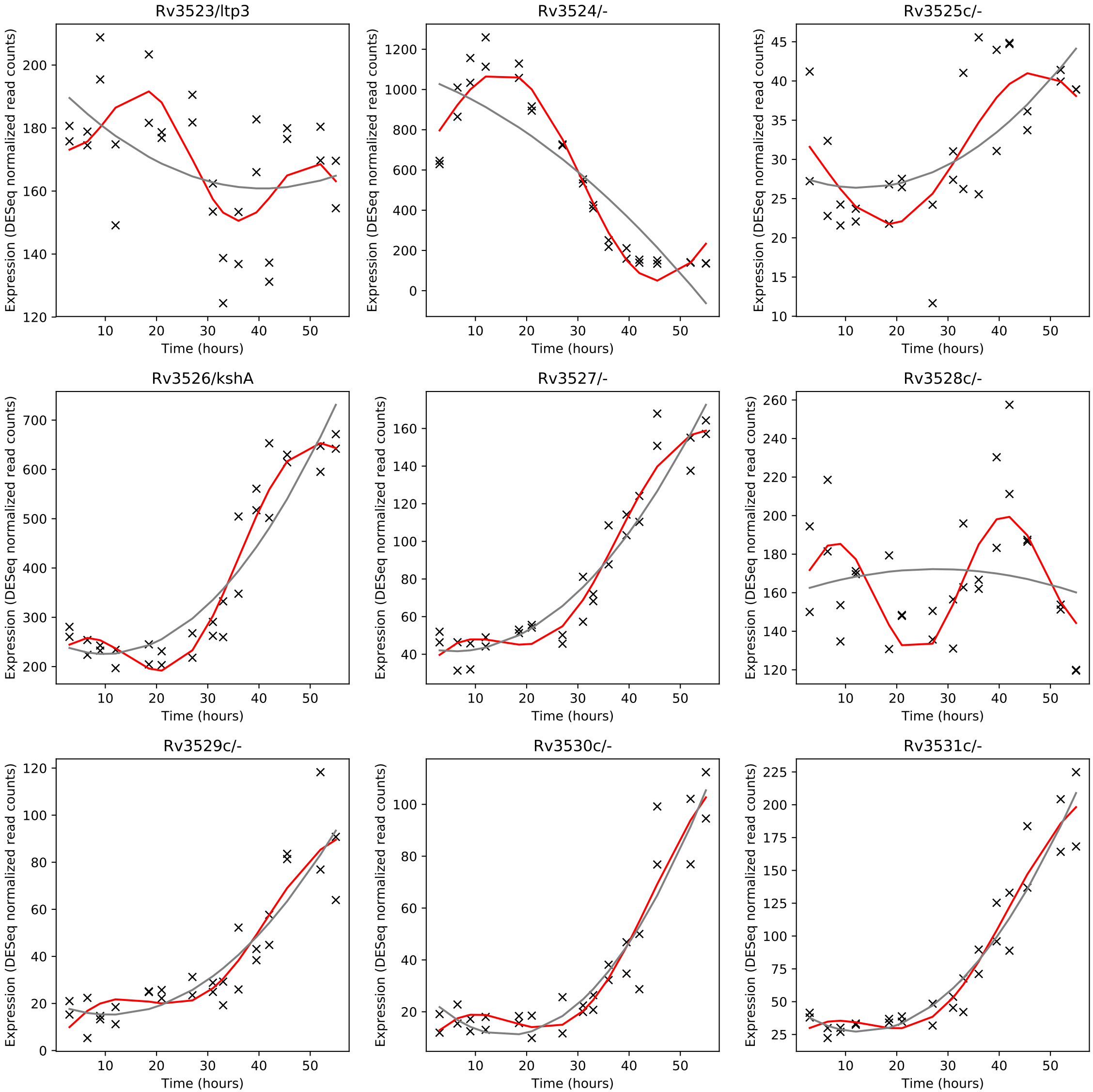

Rv3518c/cyp142
Expression (DESeq normalized read counts)
Time (hours)

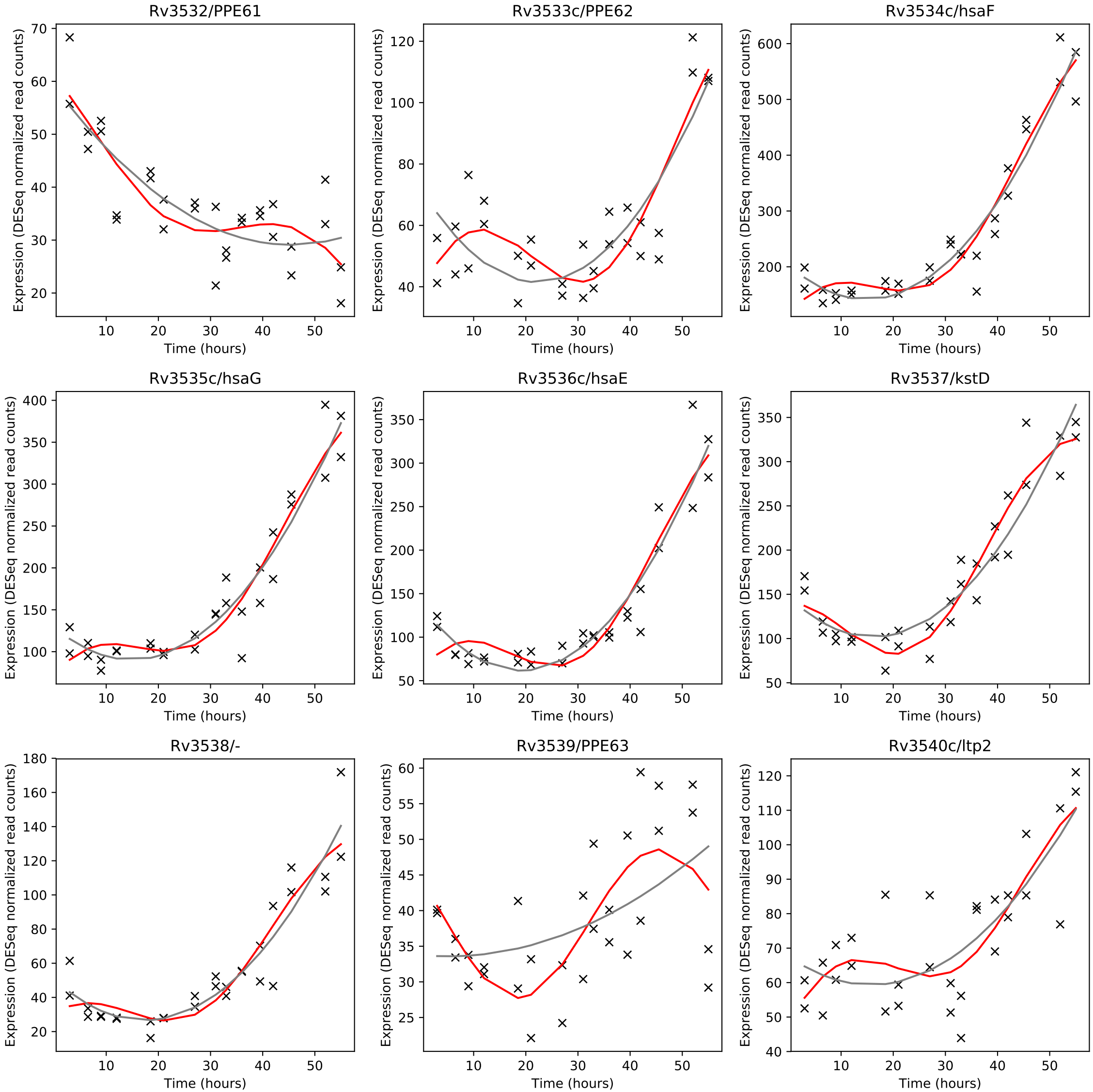

Rv3519/-
Expression (DESeq normalized read counts)
Time (hours)

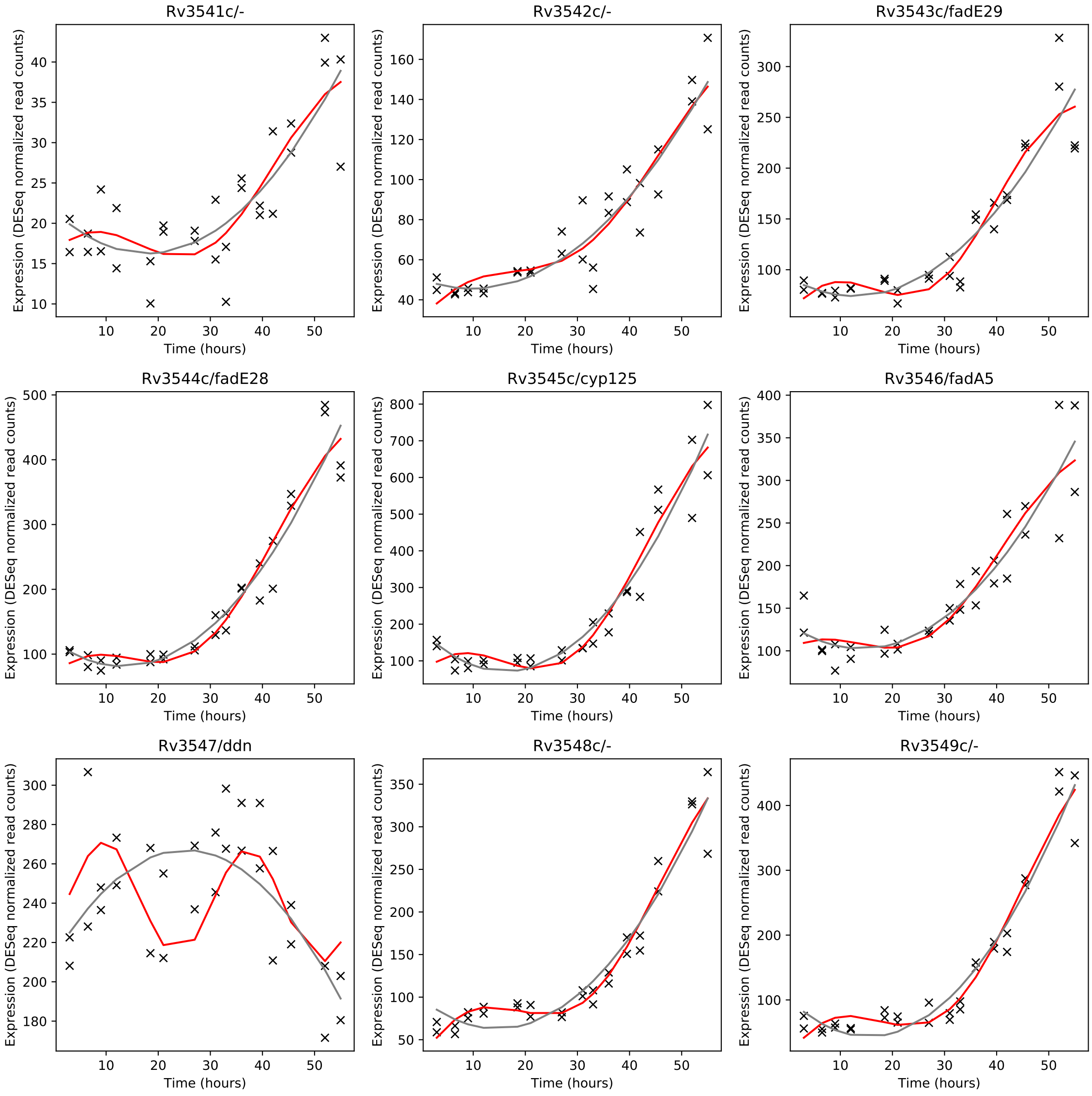

Rv3520c/-
Expression (DESeq normalized read counts)
Time (hours)

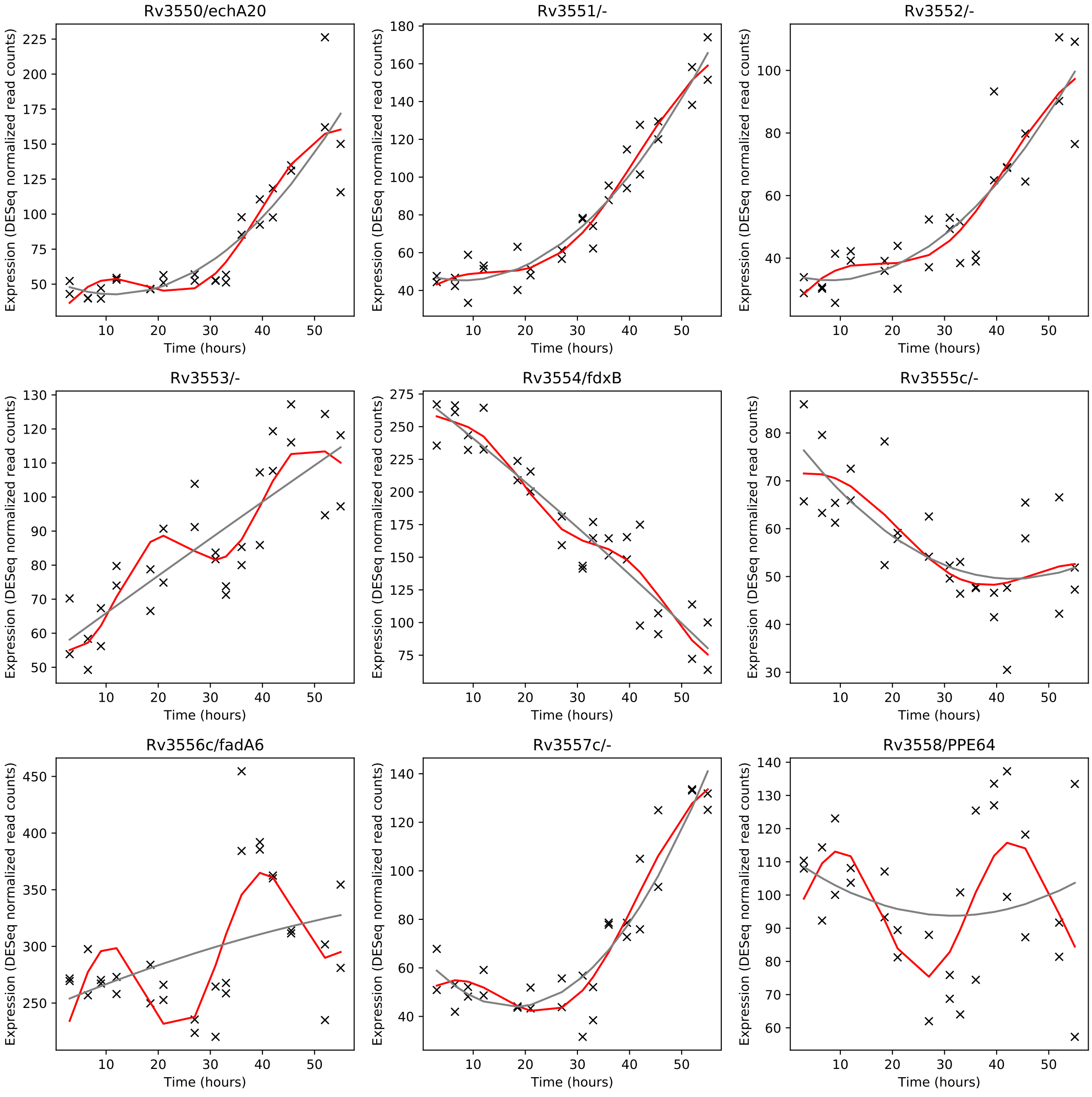

Rv3521/-
Expression (DESeq normalized read counts)
Time (hours)

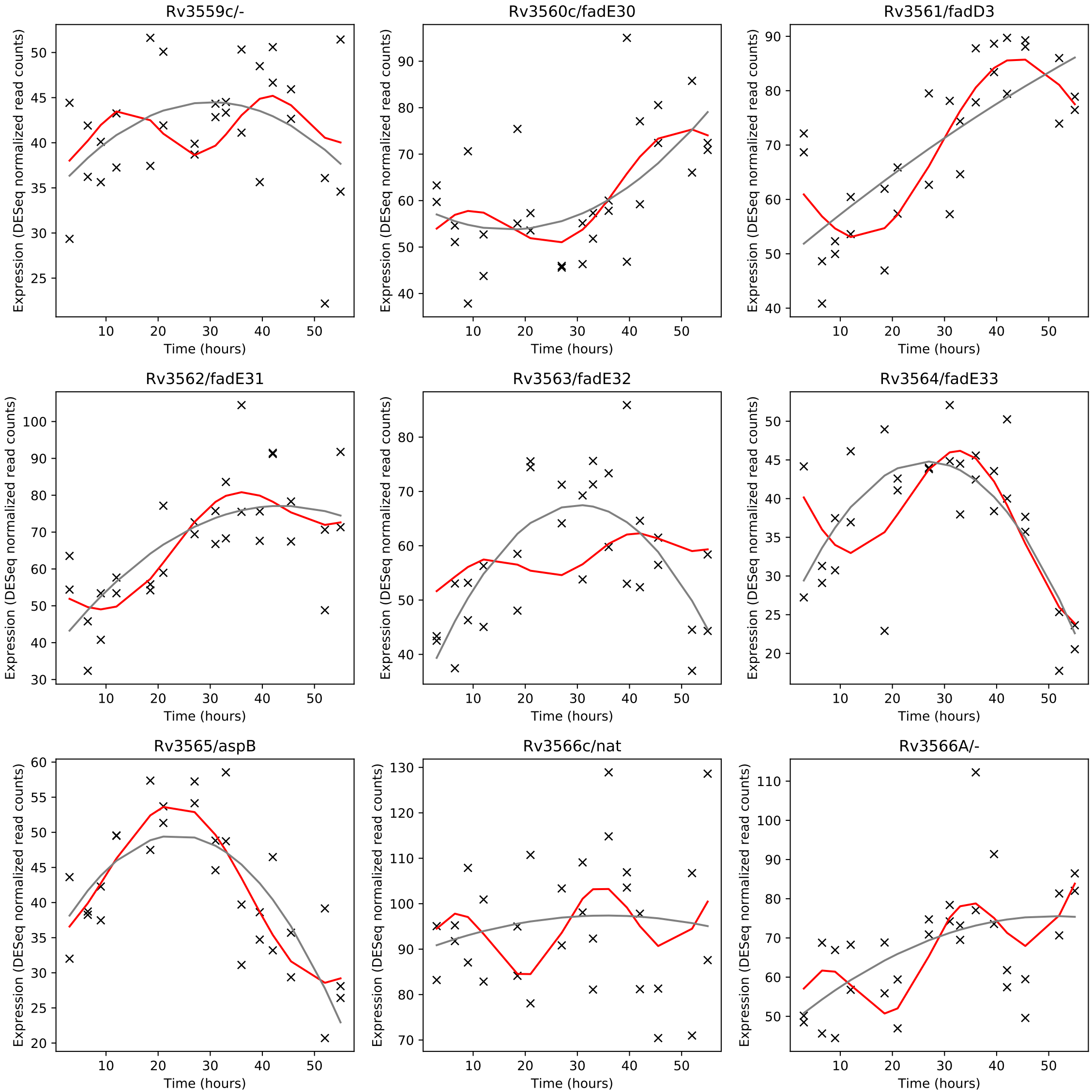

Rv3522/ltp4
Expression (DESeq normalized read counts)
Time (hours)

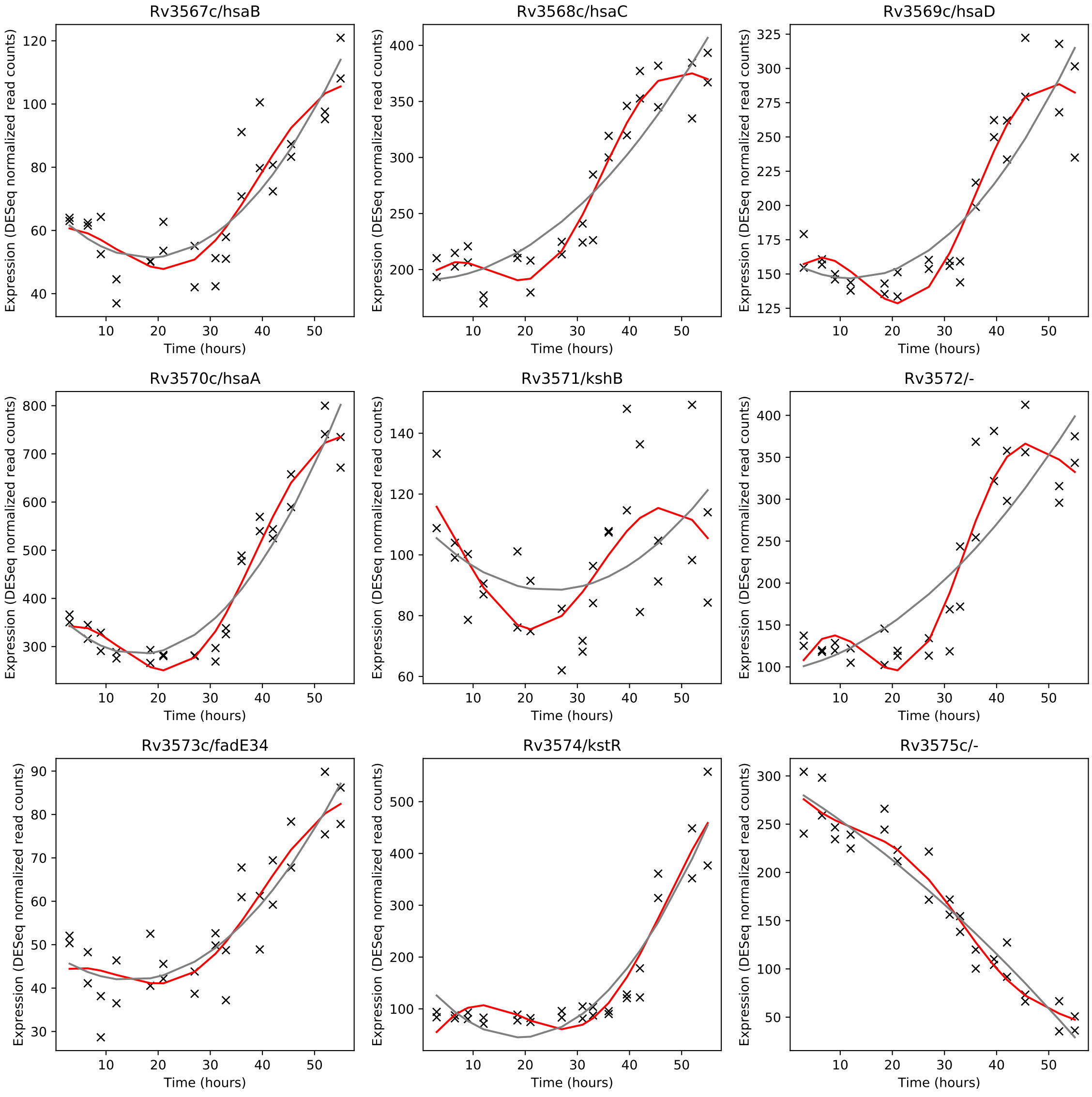

Rv3523/ltp3
Rv3524/-
Rv3525c/-
Rv3526/kshA
Rv3527/-
Rv3528c/-
Rv3529c/-
Rv3530c/-
Rv3531c/-
Expression (DESeq normalized read counts)
Time (hours)

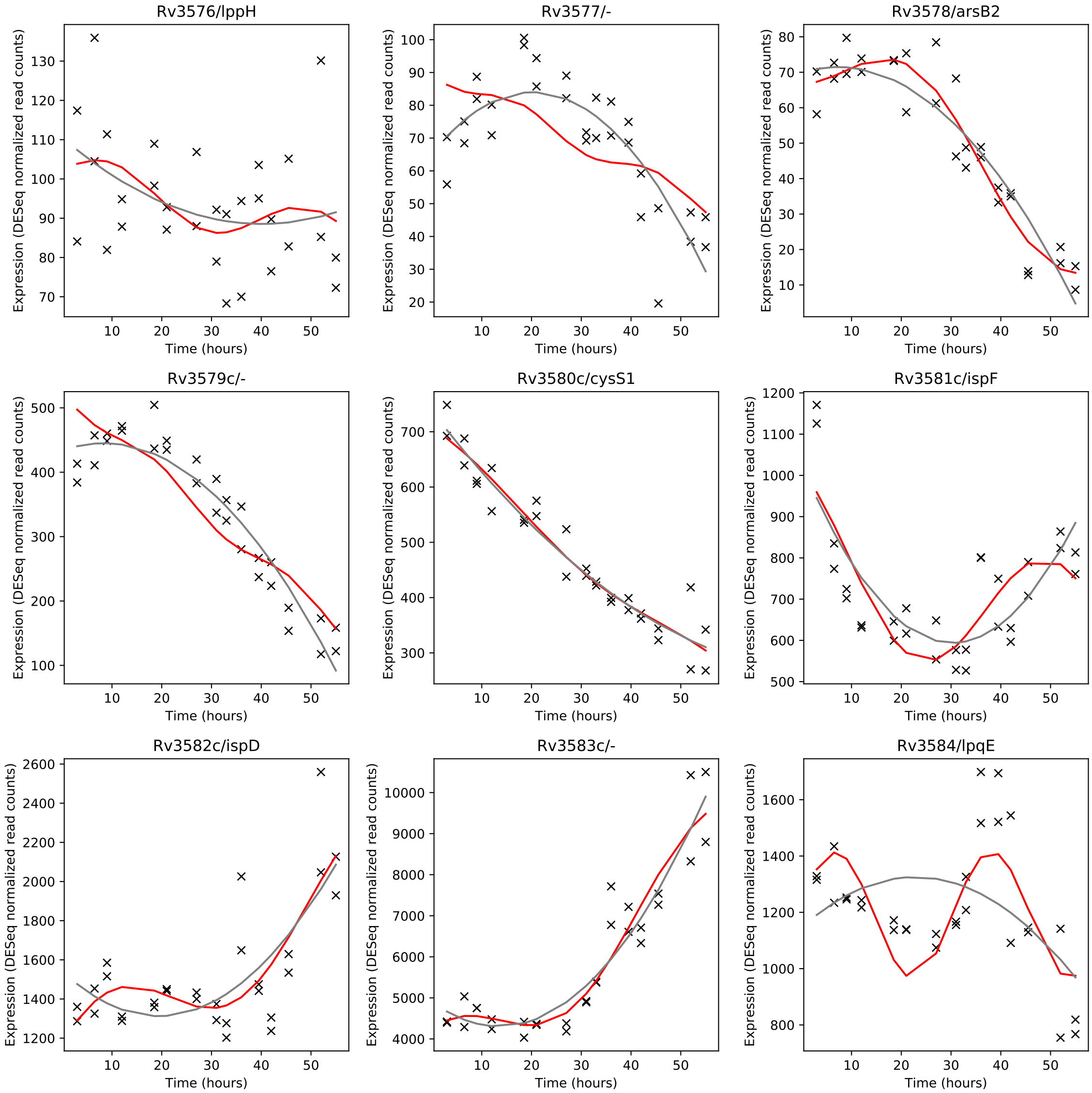

Rv3532/PPE61
Rv3533c/PPE62
Rv3534c/hsaF
Rv3535c/hsaG
Rv3536c/hsaE
Rv3537/kstD
Rv3538/-
Rv3539/PPE63
Rv3540c/ltp2
Expression (DESeq normalized read counts)
Time (hours)

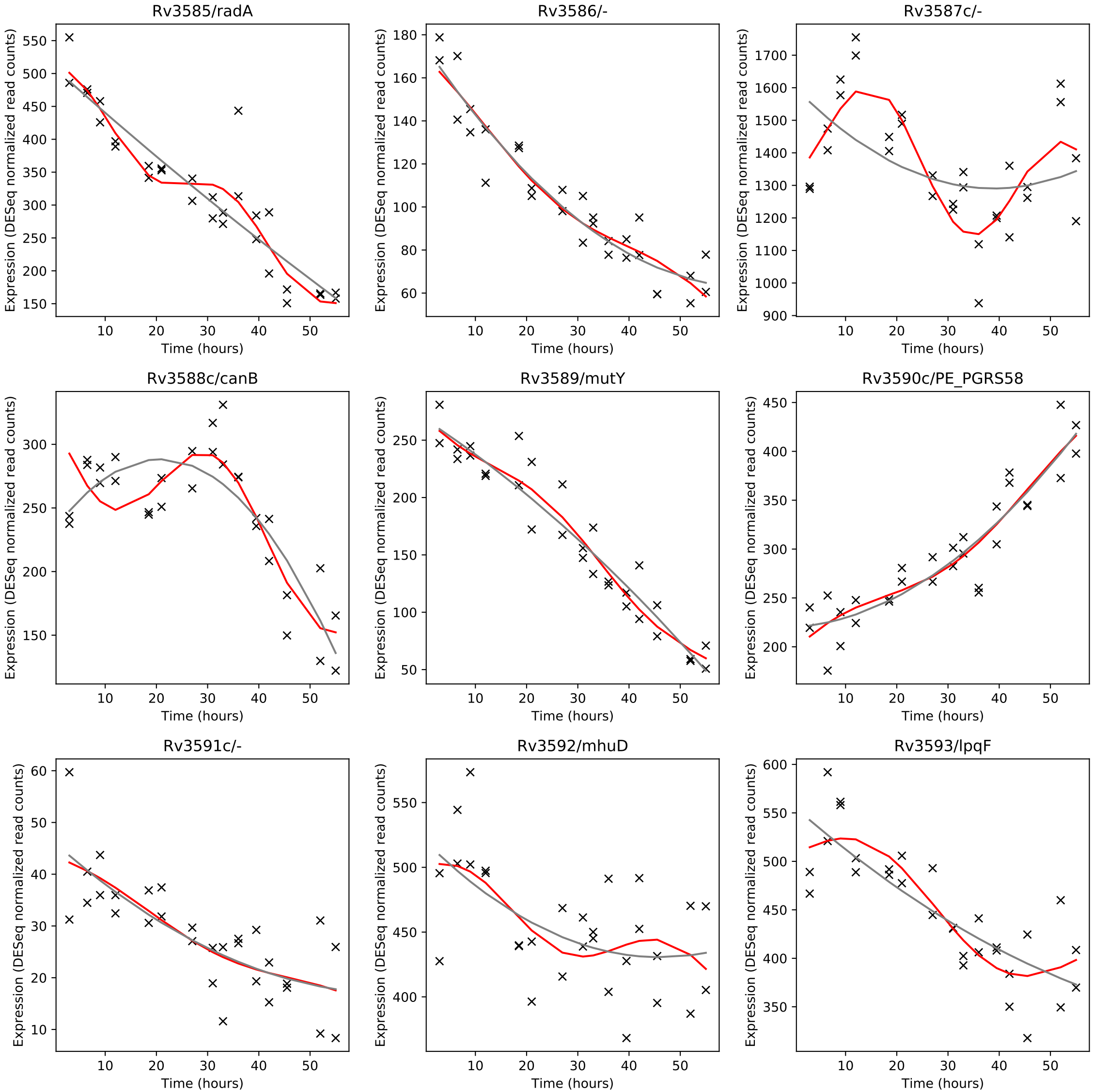

Rv3541c/-
Rv3542c/-
Rv3543c/fadE29
Rv3544c/fadE28
Rv3545c/cyp125
Rv3546/fadA5
Rv3547/ddn
Rv3548c/-
Rv3549c/-
Expression (DESeq normalized read counts)
Time (hours)

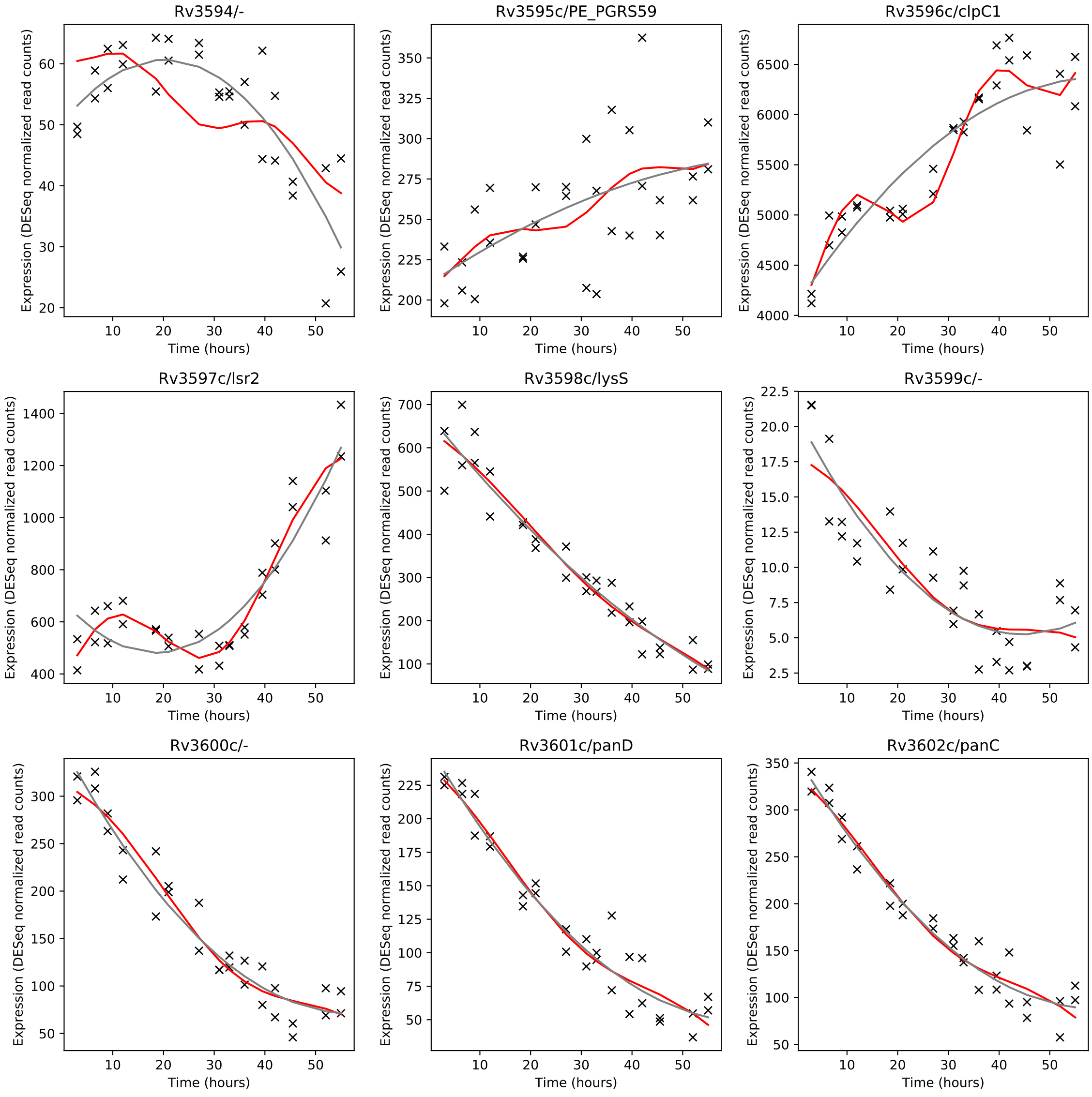

Rv3550/echA20
Rv3551/-
Rv3552/-
Rv3553/-
Rv3554/fdxB
Rv3555c/-
Rv3556c/fadA6
Rv3557c/-
Rv3558/PPE64
Expression (DESeq normalized read counts)
Time (hours)

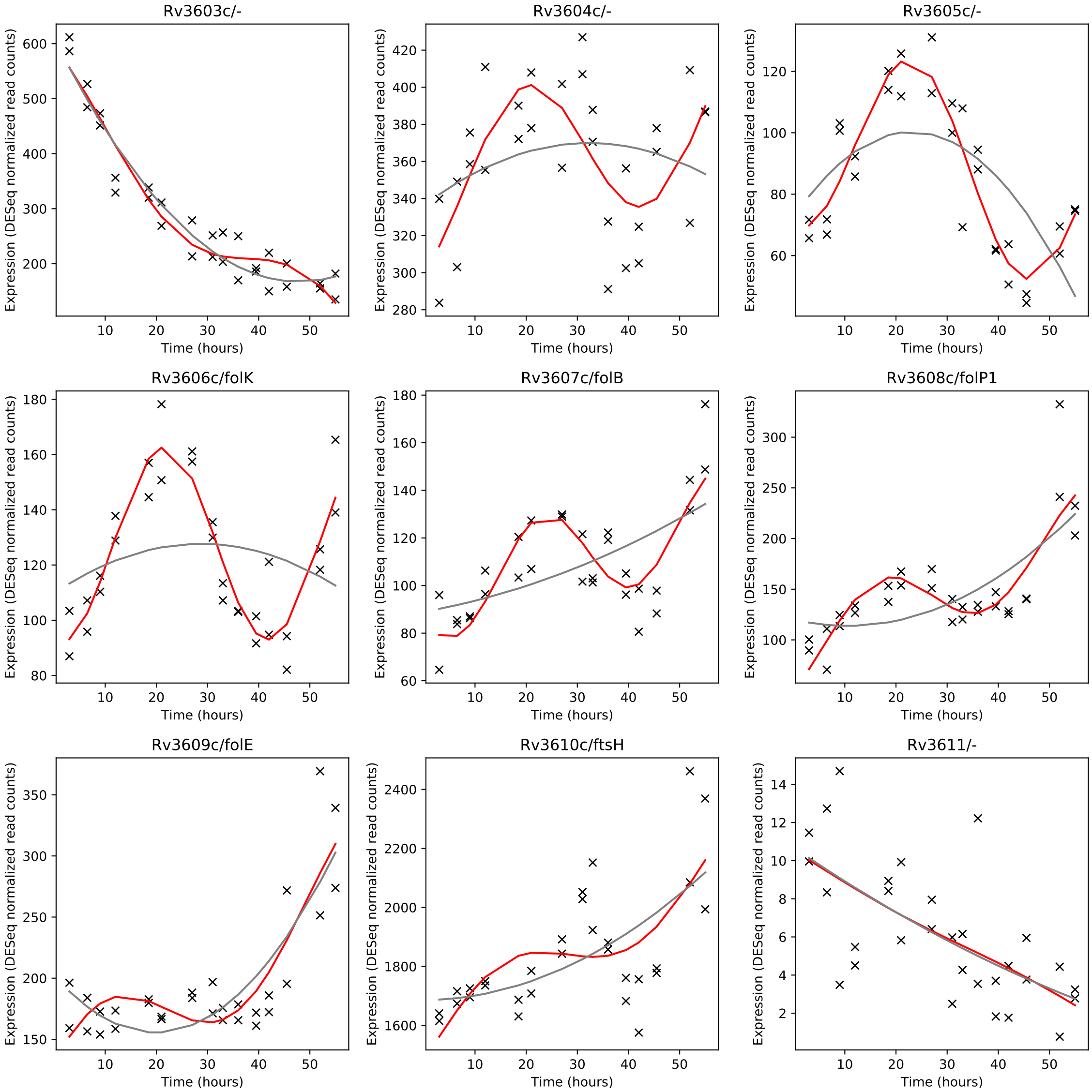

Rv3559c/-
Rv3560c/fadE30
Rv3561/fadD3
Rv3562/fadE31
Rv3563/fadE32
Rv3564/fadE33
Rv3565/aspB
Rv3566c/nat
Rv3566A/-
Expression (DESeq normalized read counts)
Time (hours)

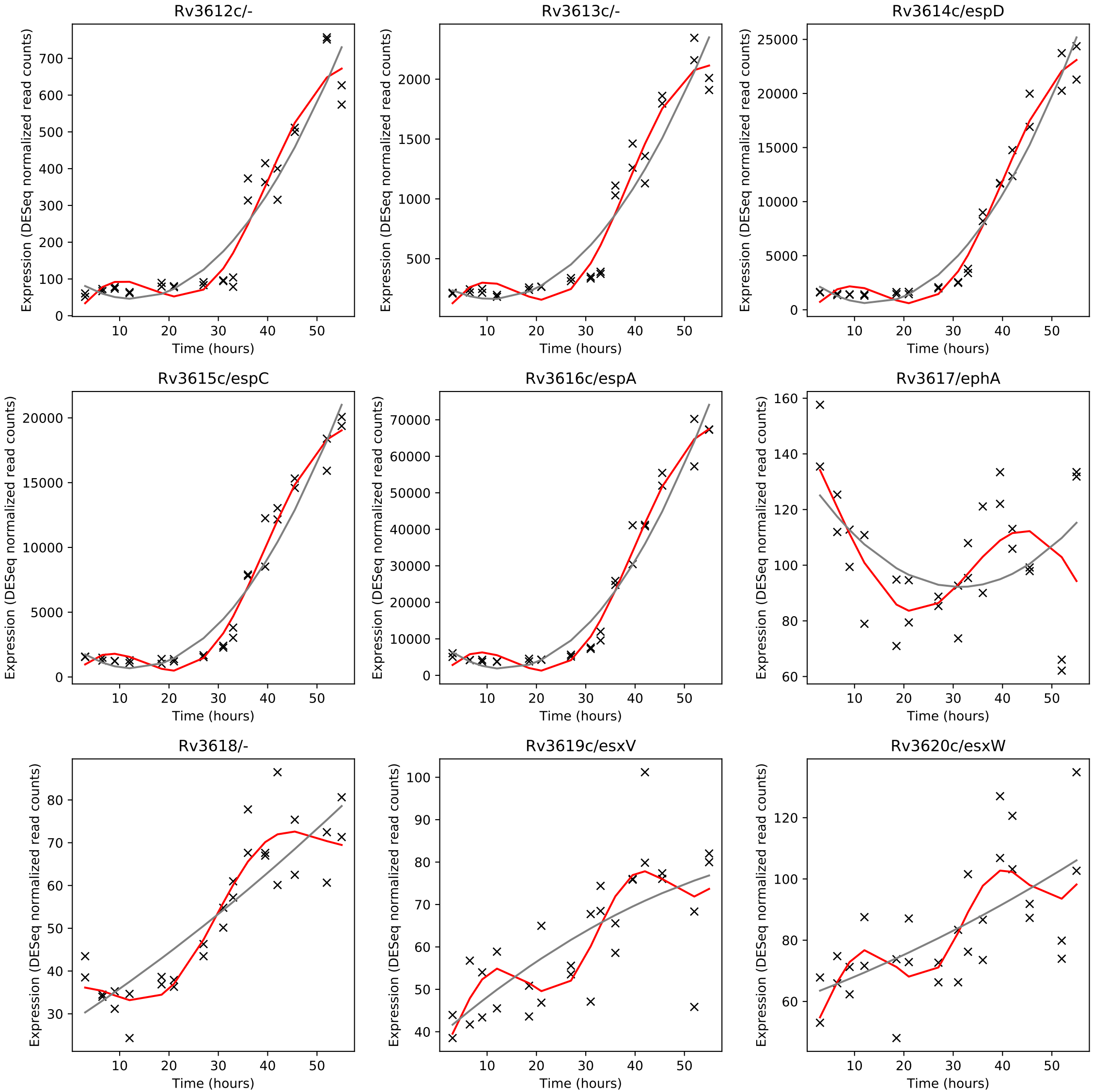

Rv3567c/hsaB
Rv3568c/hsaC
Rv3569c/hsaD
Rv3570c/hsaA
Rv3571/kshB
Rv3572/-
Rv3573c/fadE34
Rv3574/kstR
Rv3575c/-
Expression (DESeq normalized read counts)
Time (hours)

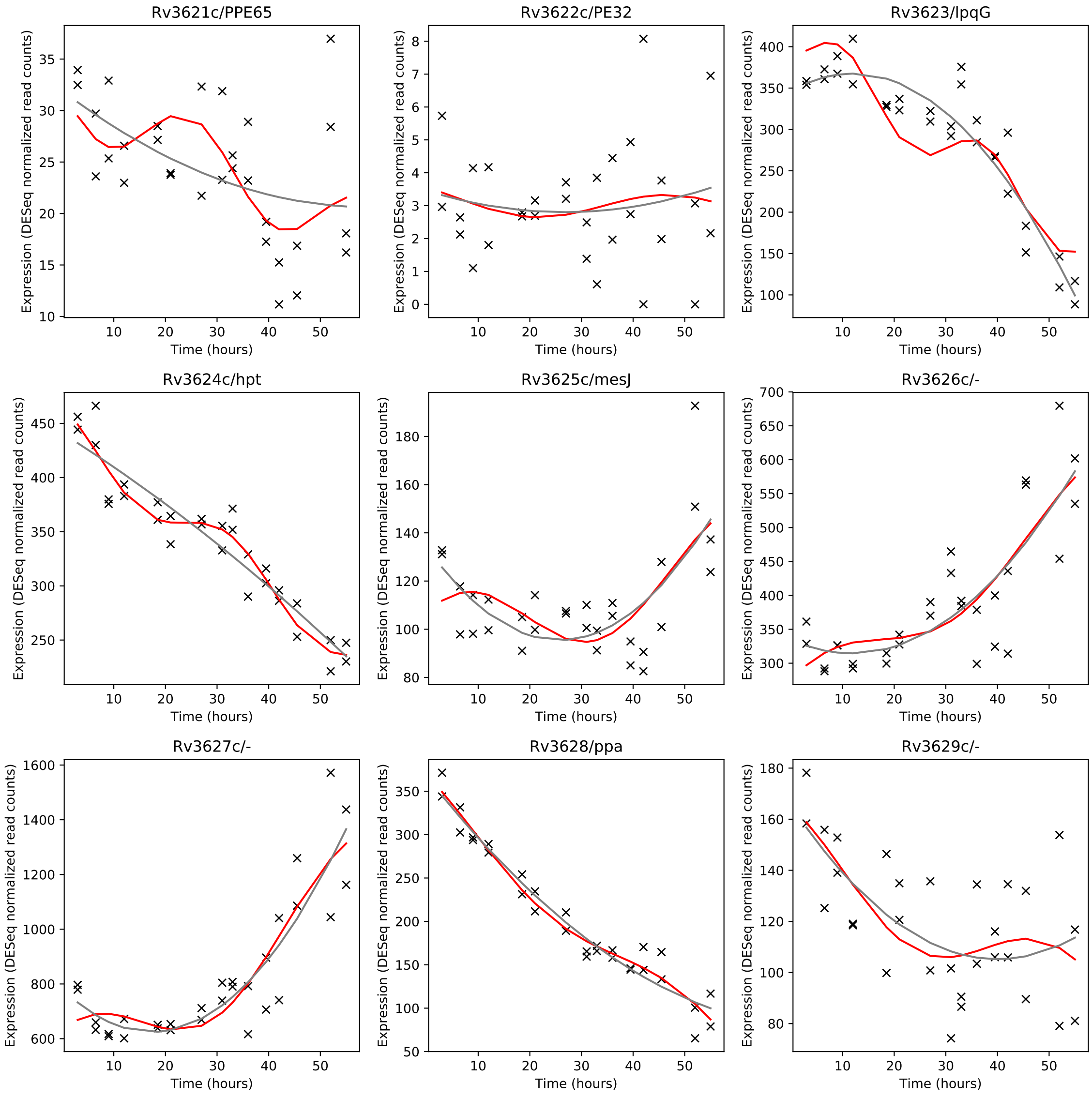

Rv3576/lppH
Rv3577/-
Rv3578/arsB2
Rv3579c/-
Rv3580c/cysS1
Rv3581c/ispF
Rv3582c/ispD
Rv3583c/-
Rv3584/lpqE
Expression (DESeq normalized read counts)
Time (hours)

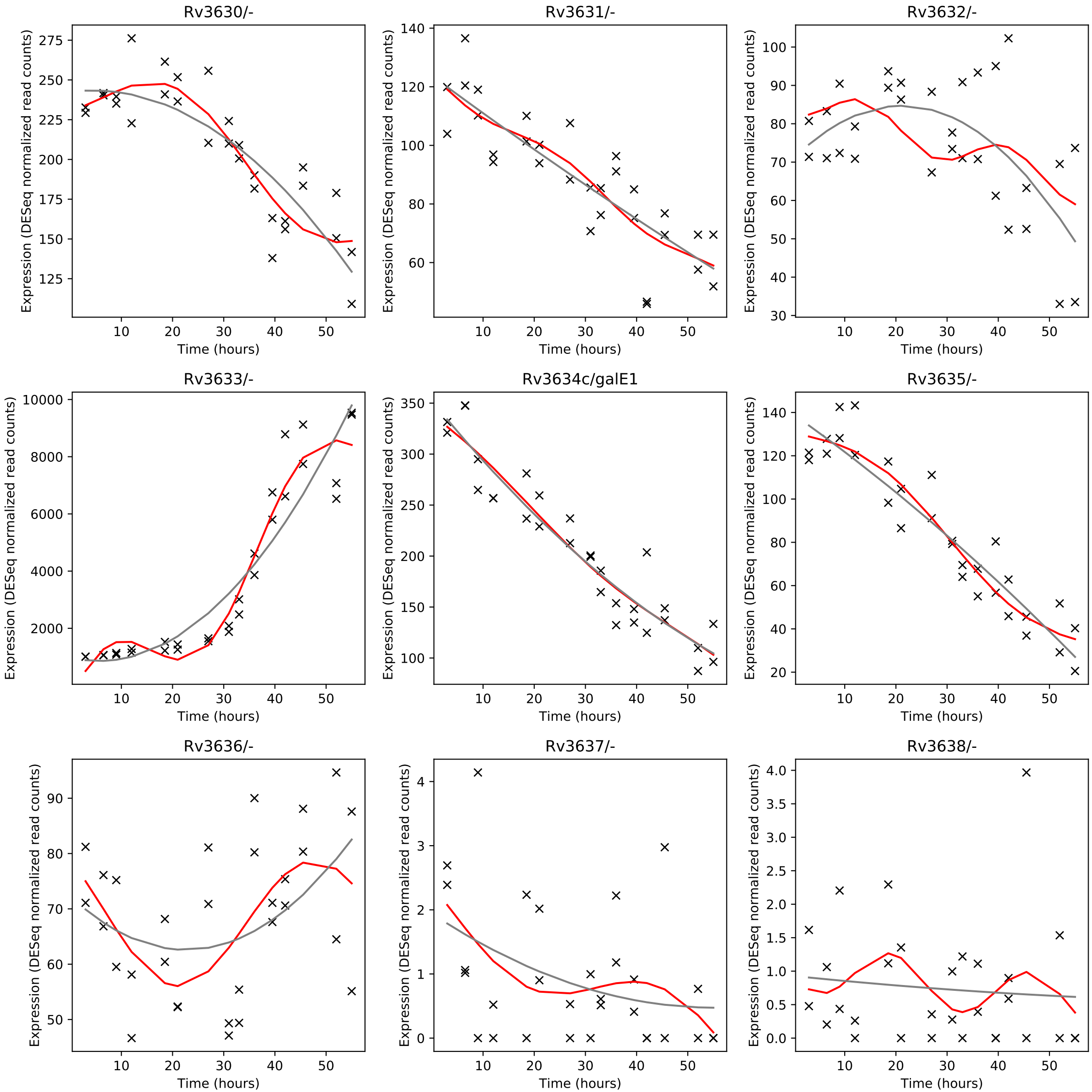

Rv3585/radA
Rv3586/-
Rv3587c/-
Rv3588c/canB
Rv3589/mutY
Rv3590c/PE_PGRS58
Rv3591c/-
Rv3592/mhuD
Rv3593/lpqF
Expression (DESeq normalized read counts)
Time (hours)

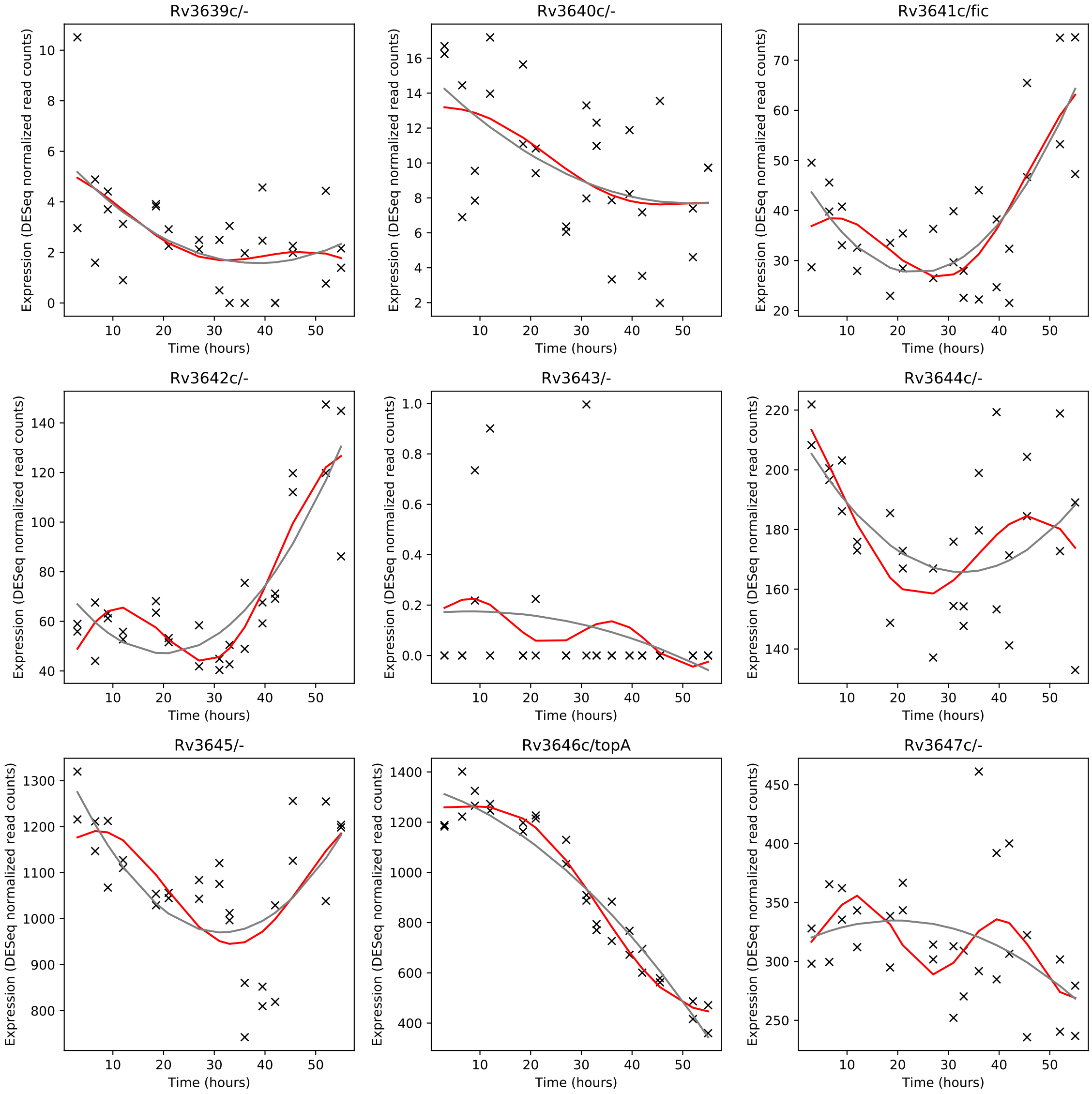

Rv3594/-
Rv3595c/PE_PGRS59
Rv3596c/clpC1
Rv3597c/lsr2
Rv3598c/lysS
Rv3599c/-
Rv3600c/-
Rv3601c/panD
Rv3602c/panC
Expression (DESeq normalized read counts)
Time (hours)

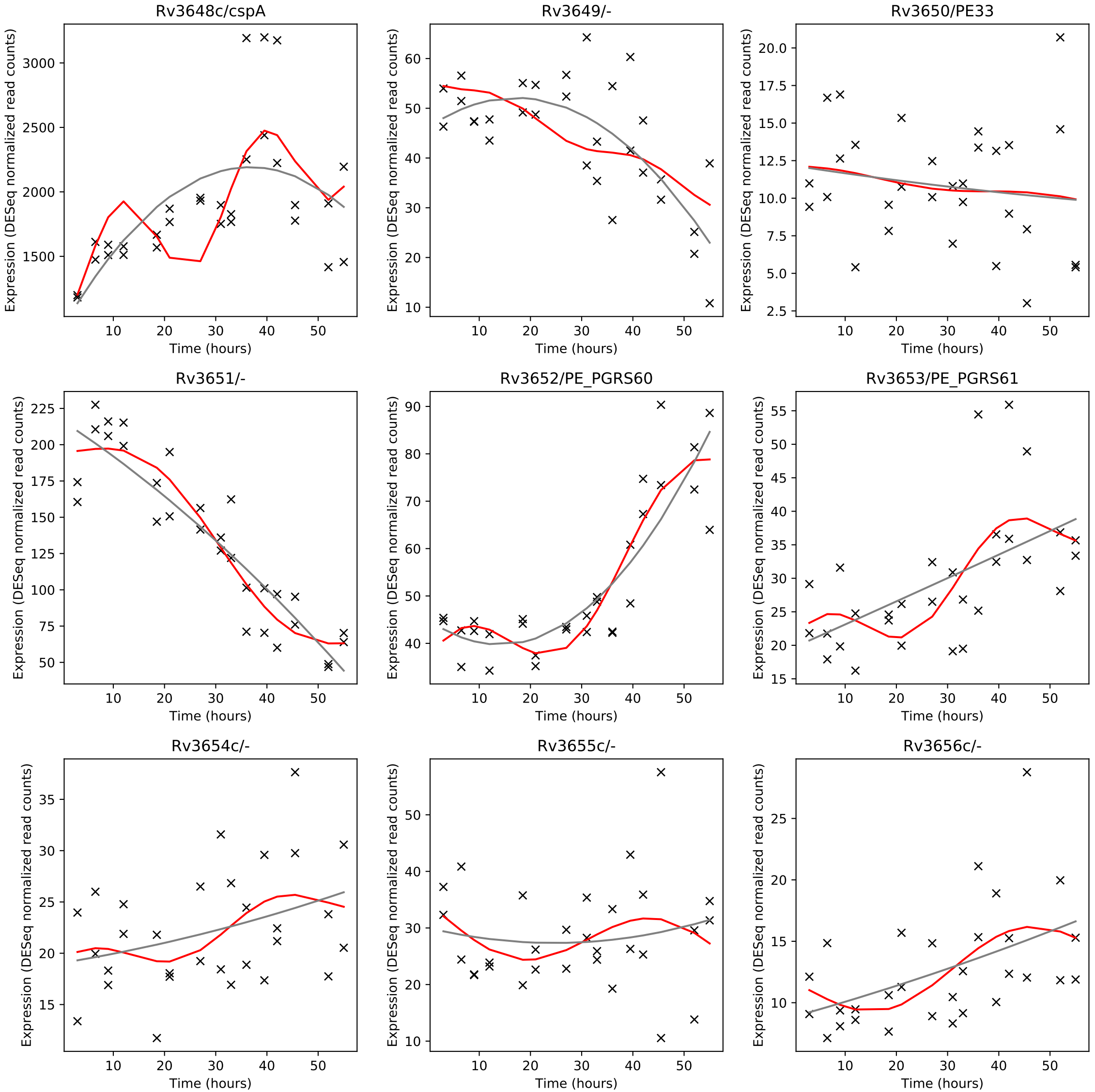

Rv3603c/-
Rv3604c/-
Rv3605c/-
Rv3606c/folK
Rv3607c/folB
Rv3608c/folP1
Rv3609c/folE
Rv3610c/ftsH
Rv3611/-
Expression (DESeq normalized read counts)
Time (hours)

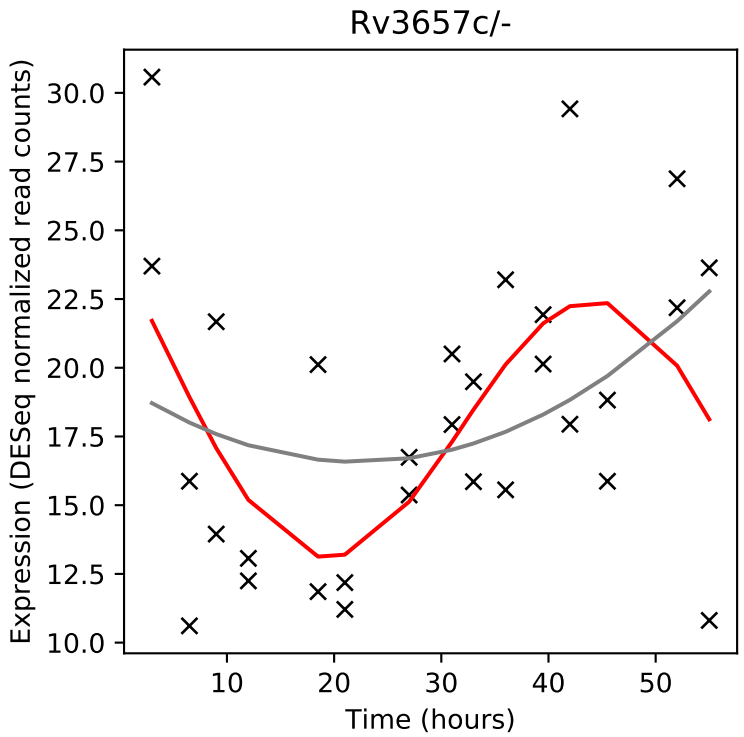

Rv3612c/-
Rv3613c/-
Rv3614c/espD
Rv3615c/espC
Rv3616c/espA
Rv3617/ephA
Rv3618/-
Rv3619c/esxV
Rv3620c/esxW
Expression (DESeq normalized read counts)
Time (hours)

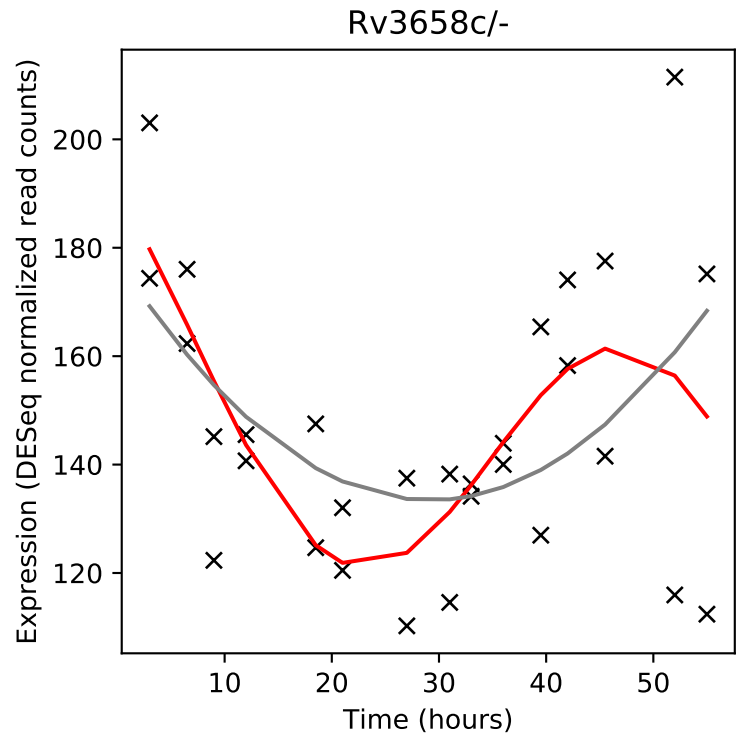

Rv3621c/PPE65
Rv3622c/PE32
Rv3623/lpqG
Rv3624c/hpt
Rv3625c/mesJ
Rv3626c/-
Rv3627c/-
Rv3628/ppa
Rv3629c/-
Expression (DESeq normalized read counts)
Time (hours)

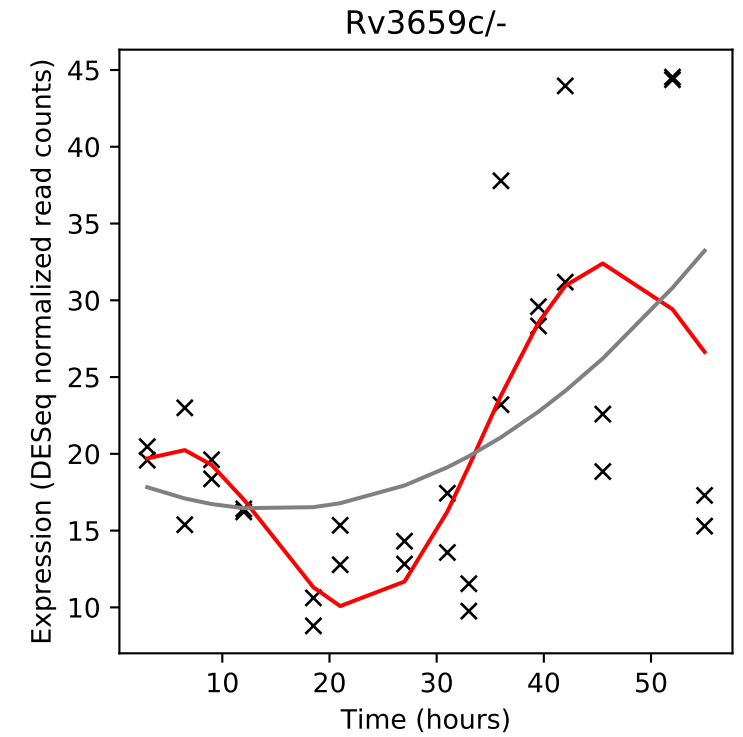

Rv3630/-
Rv3631/-
Rv3632/-
Rv3633/-
Rv3634c/galE1
Rv3635/-
Rv3636/-
Rv3637/-
Rv3638/-
Expression (DESeq normalized read counts)
Time (hours)

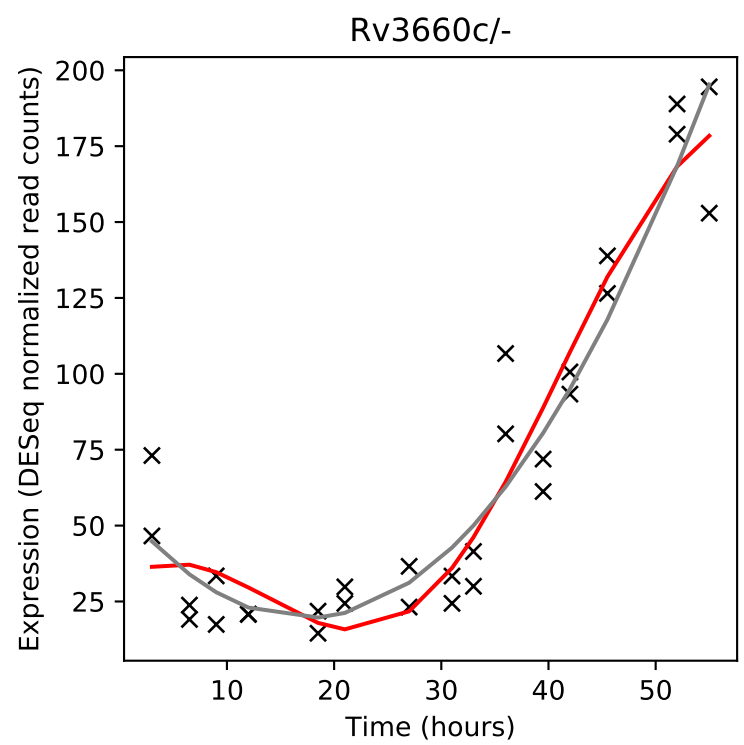

Rv3639c/-
Rv3640c/-
Rv3641c/fic
Rv3642c/-
Rv3643/-
Rv3644c/-
Rv3645/-
Rv3646c/topA
Rv3647c/-
Expression (DESeq normalized read counts)
Time (hours)

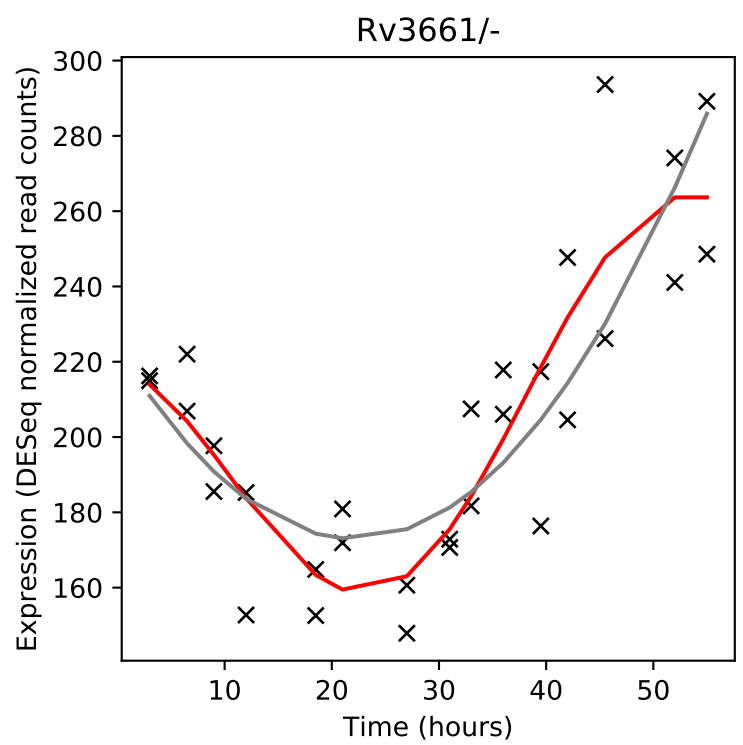

Rv3648c/cspA
Rv3649/-
Rv3650/PE33
Rv3651/-
Rv3652/PE_PGRS60
Rv3653/PE_PGRS61
Rv3654c/-
Rv3655c/-
Rv3656c/-
Expression (DESeq normalized read counts)
Time (hours)

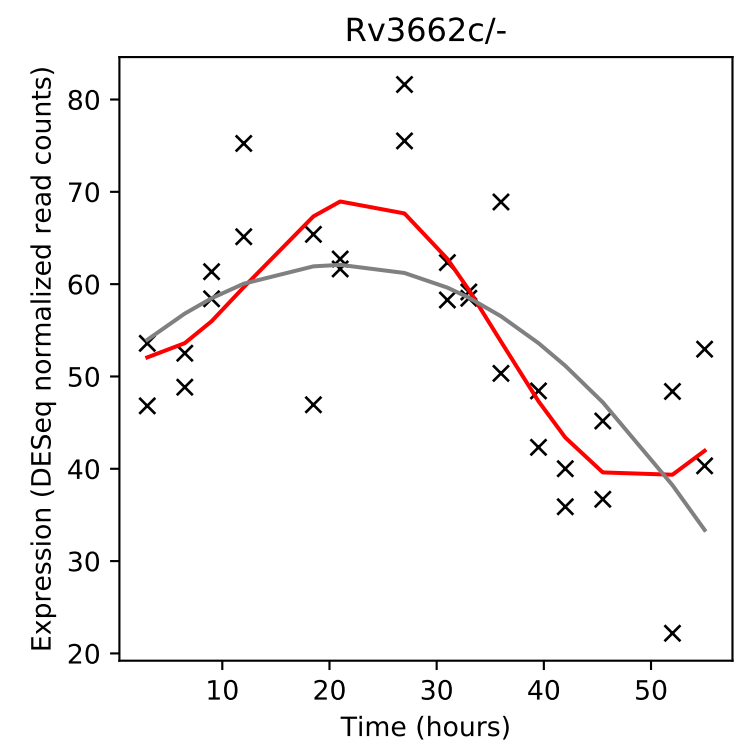

Rv3657c/-
Expression (DESeq normalized read counts)
Time (hours)

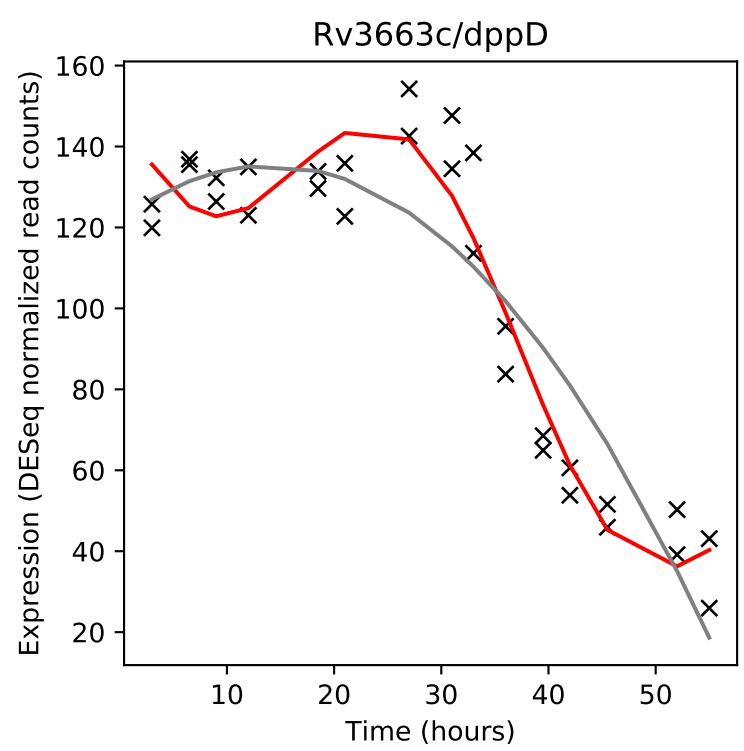

Rv3658c/-
Expression (DESeq normalized read counts)
Time (hours)

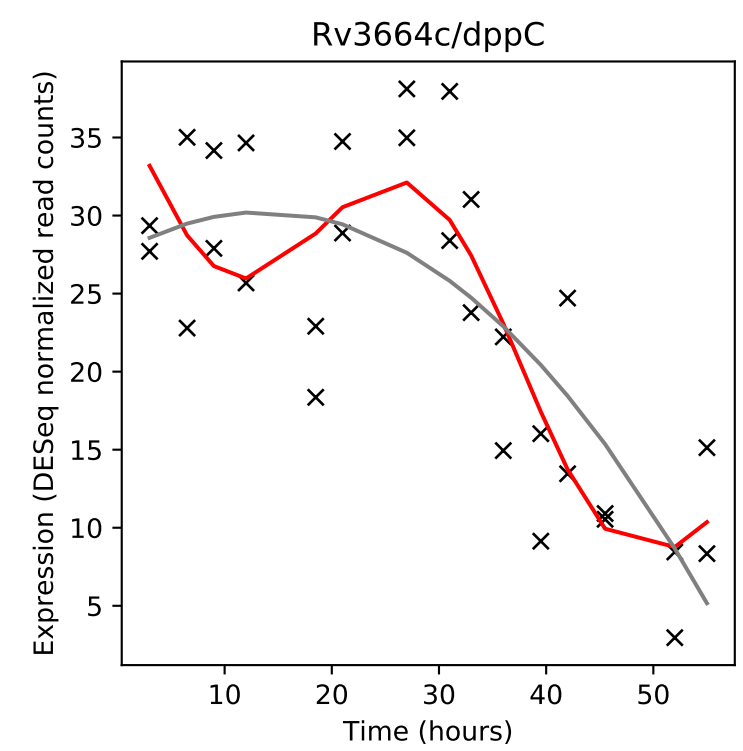

Rv3659c/-
Expression (DESeq normalized read counts)
Time (hours)

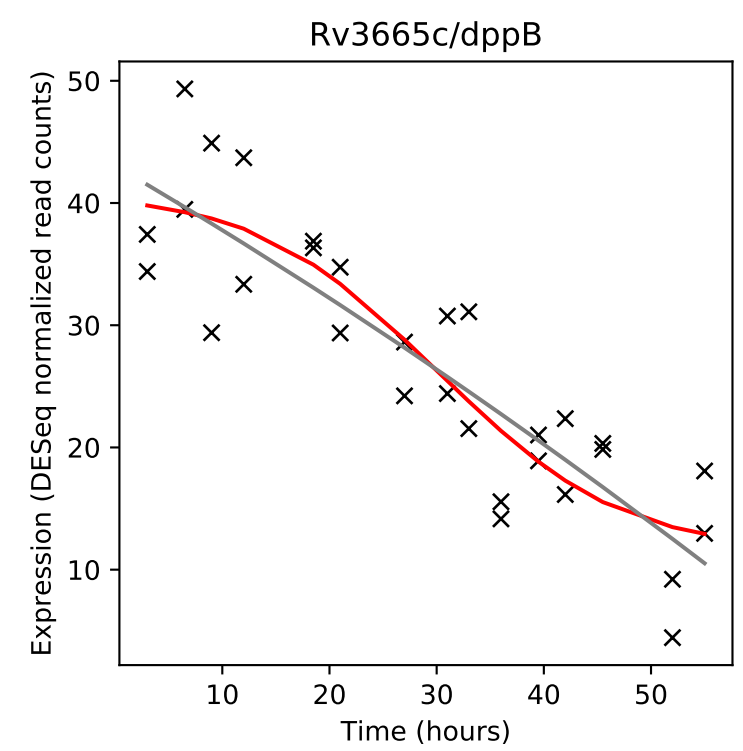

Rv3660c/-
Expression (DESeq normalized read counts)
Time (hours)

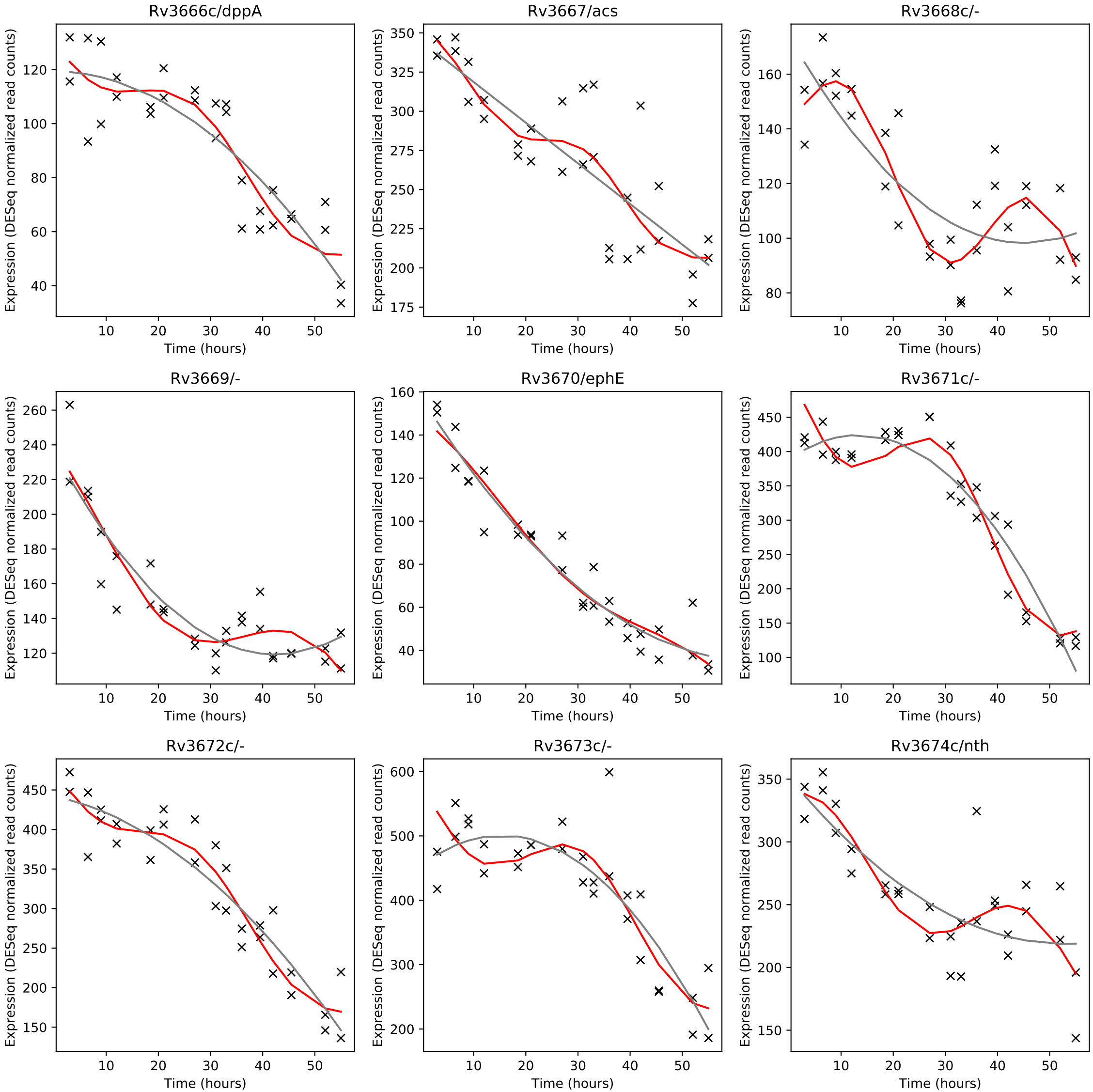

Rv3661/-
Expression (DESeq normalized read counts)
Time (hours)

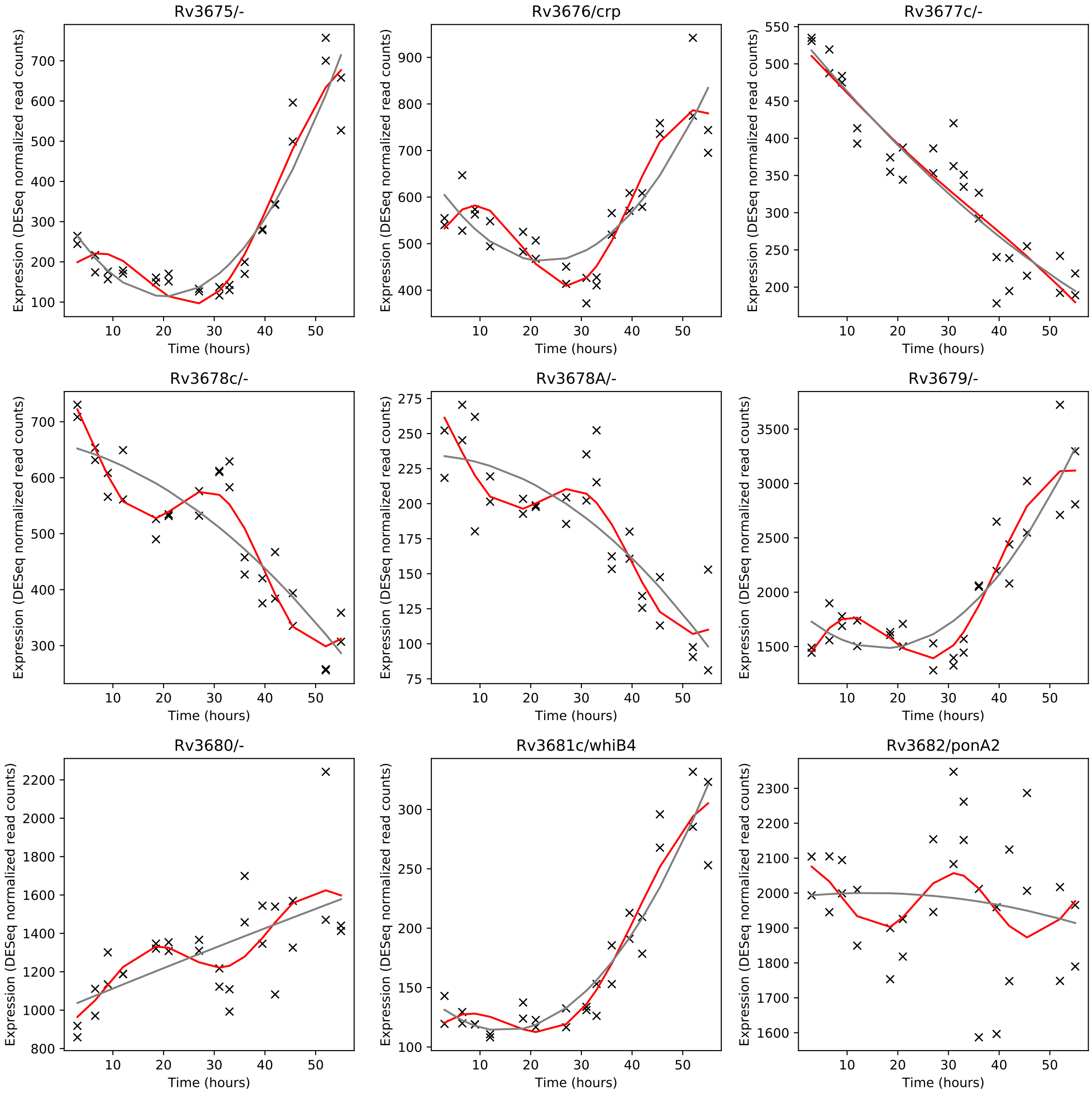

Rv3662c/-
Expression (DESeq normalized read counts)
Time (hours)

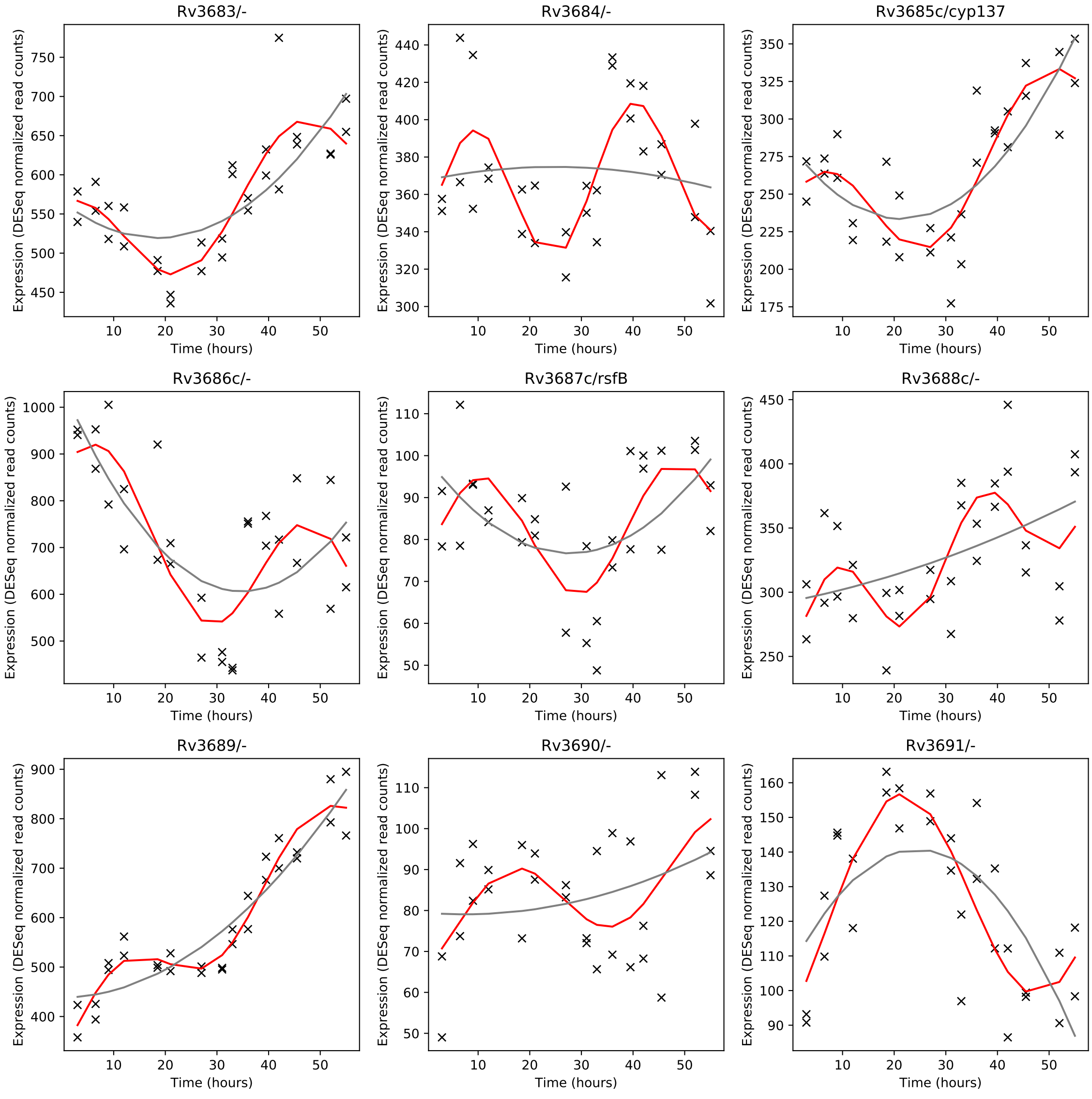

Rv3663c/dppD
Expression (DESeq normalized read counts)
Time (hours)

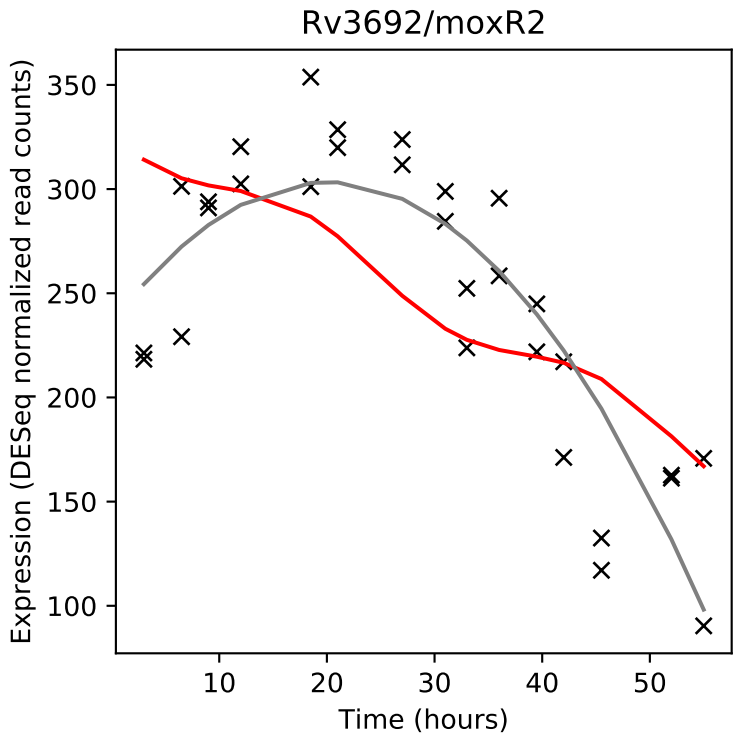

Rv3664c/dppC
Expression (DESeq normalized read counts)
Time (hours)

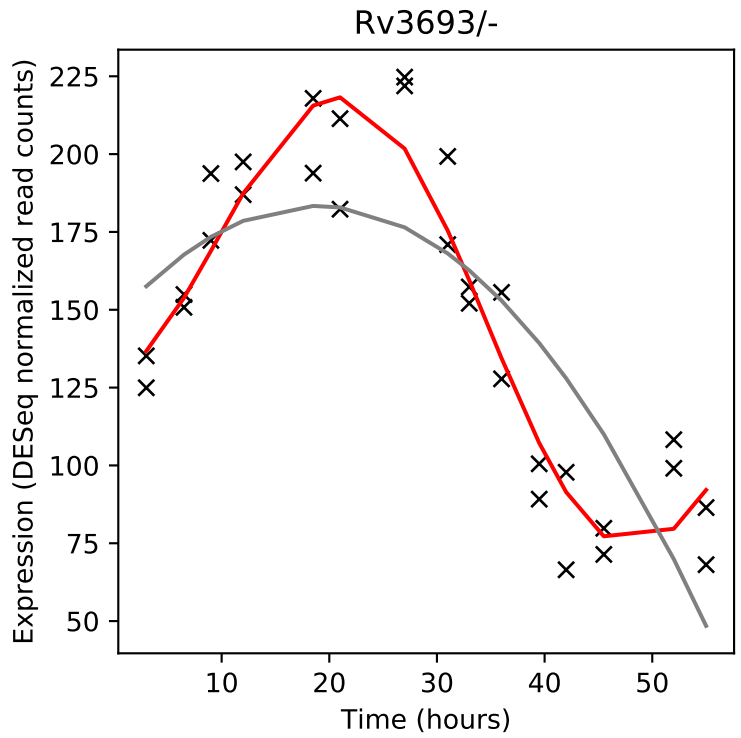

Rv3665c/dppB
Expression (DESeq normalized read counts)
Time (hours)

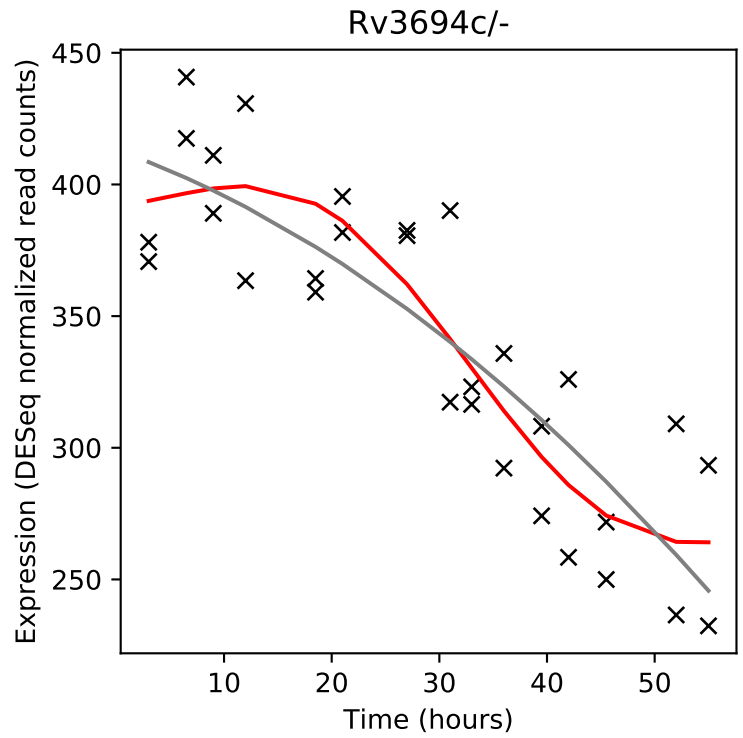

Rv3666c/dppA
Rv3667/acs
Rv3668c/-
Rv3669/-
Rv3670/ephE
Rv3671c/-
Rv3672c/-
Rv3673c/-
Rv3674c/nth
Expression (DESeq normalized read counts)
Time (hours)

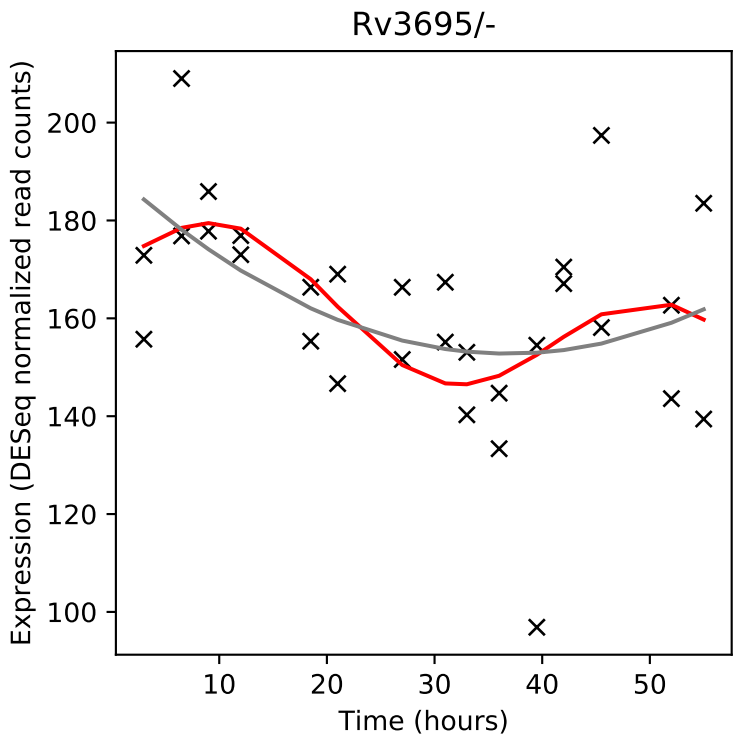

Rv3675/-
Rv3676/crp
Rv3677c/-
Rv3678c/-
Rv3678A/-
Rv3679/-
Rv3680/-
Rv3681c/whiB4
Rv3682/ponA2
Expression (DESeq normalized read counts)
Time (hours)

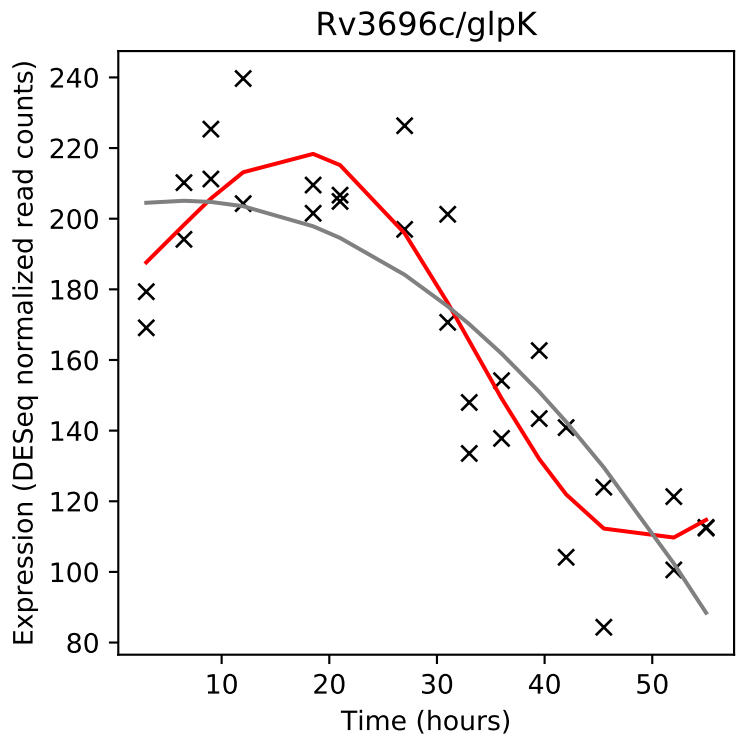

Rv3683/-
Rv3684/-
Rv3685c/cyp137
Rv3686c/-
Rv3687c/rsfB
Rv3688c/-
Rv3689/-
Rv3690/-
Rv3691/-
Expression (DESeq normalized read counts)
Time (hours)

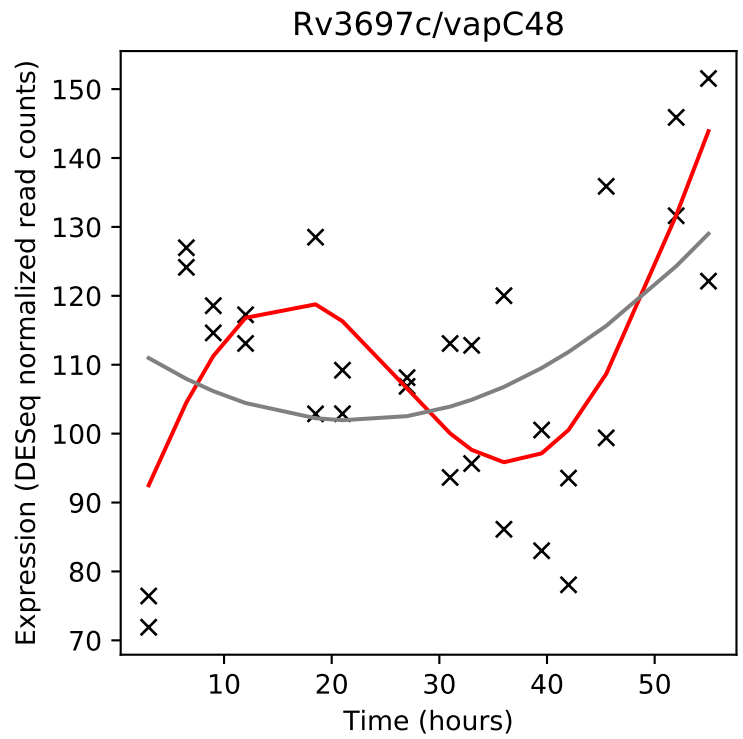

Rv3692/moxR2
Expression (DESeq normalized read counts)
Time (hours)

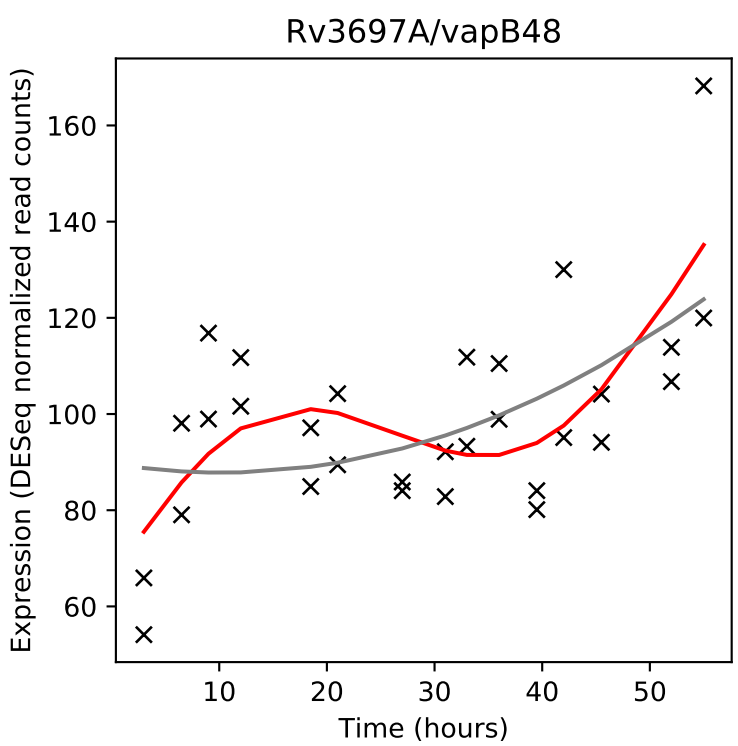

Rv3693/-
Expression (DESeq normalized read counts)
Time (hours)

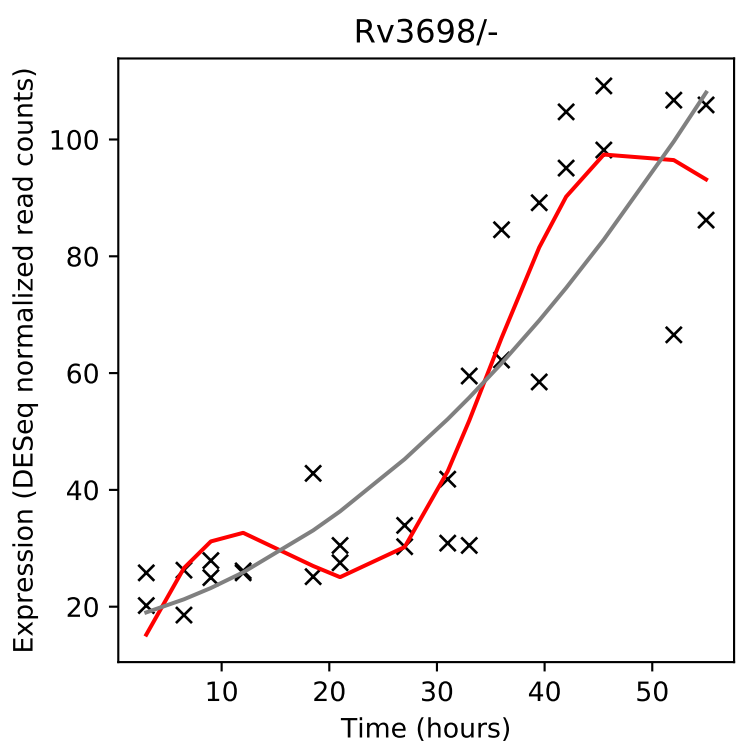

Rv3694c/-
Expression (DESeq normalized read counts)
Time (hours)

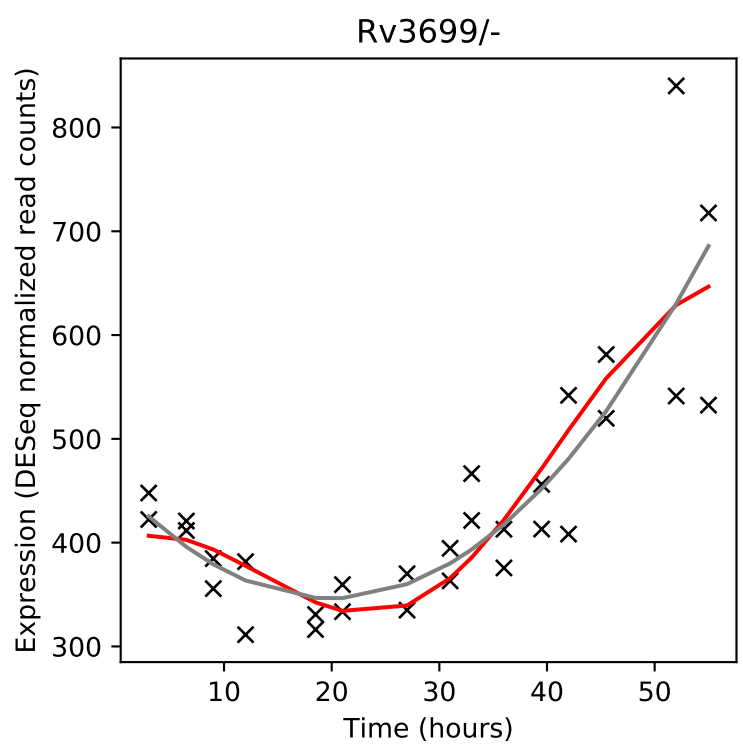

Rv3695/-
Expression (DESeq normalized read counts)
Time (hours)

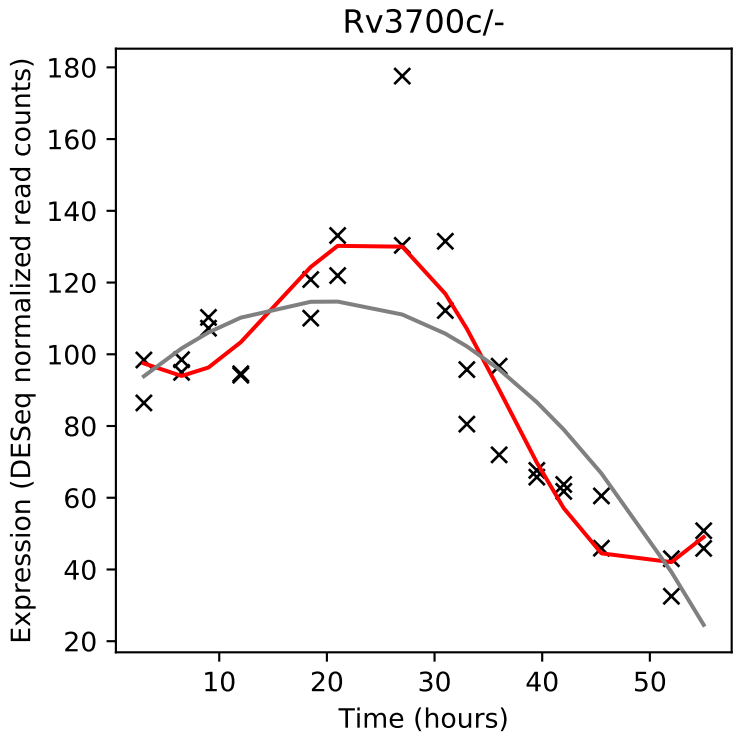

Rv3696c/glpK
Expression (DESeq normalized read counts)
Time (hours)

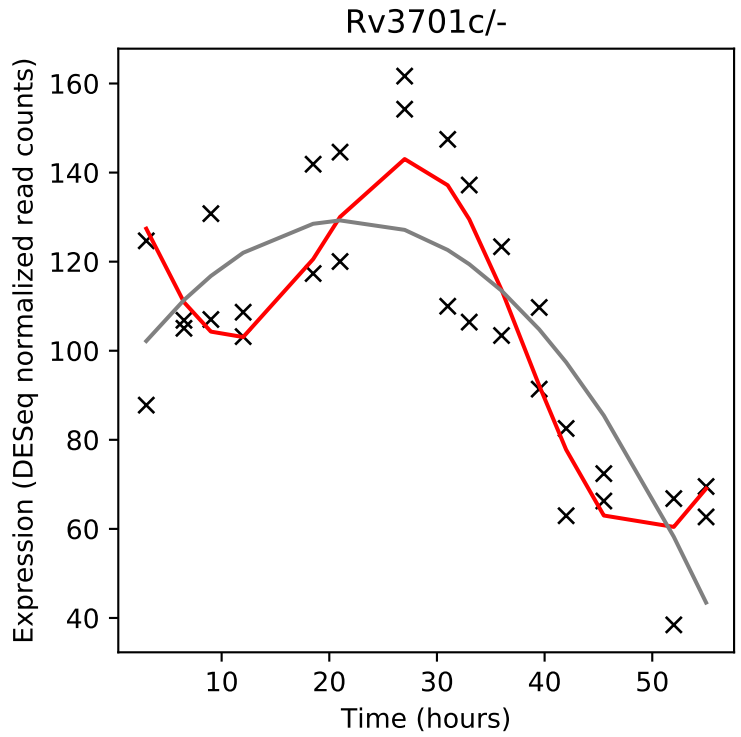

Rv3697c/vapC48
Expression (DESeq normalized read counts)
Time (hours)

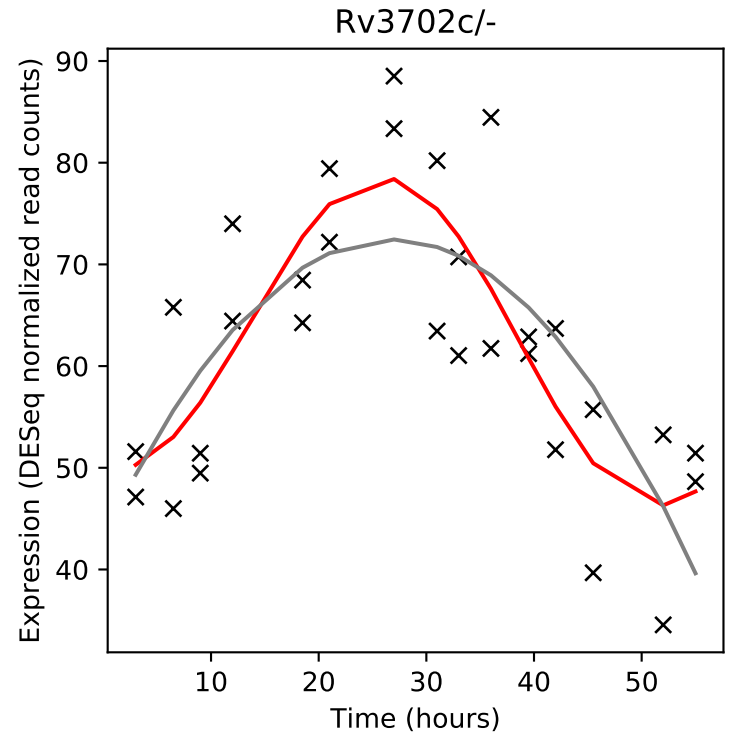

Rv3697A/vapB48
Expression (DESeq normalized read counts)
Time (hours)

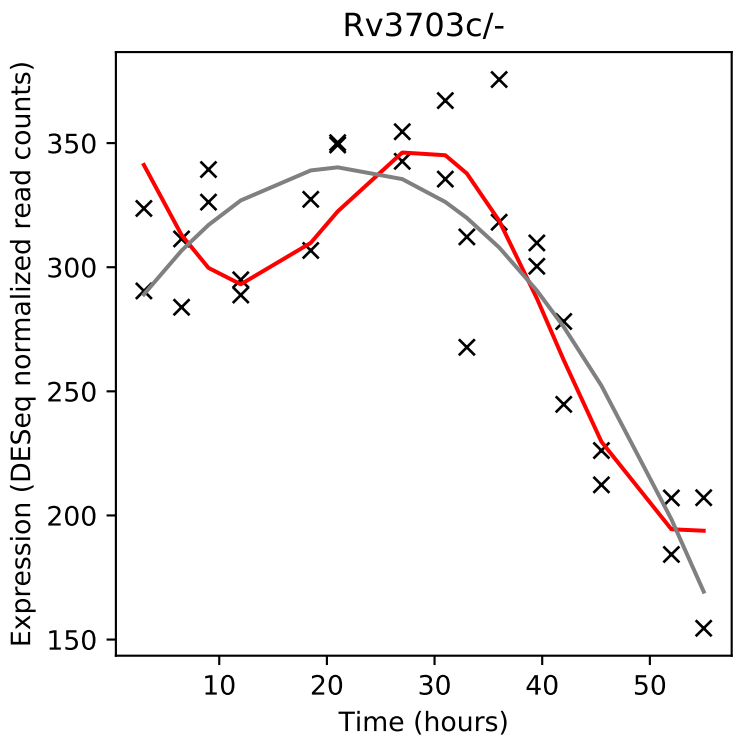

Rv3698/-
Expression (DESeq normalized read counts)
Time (hours)

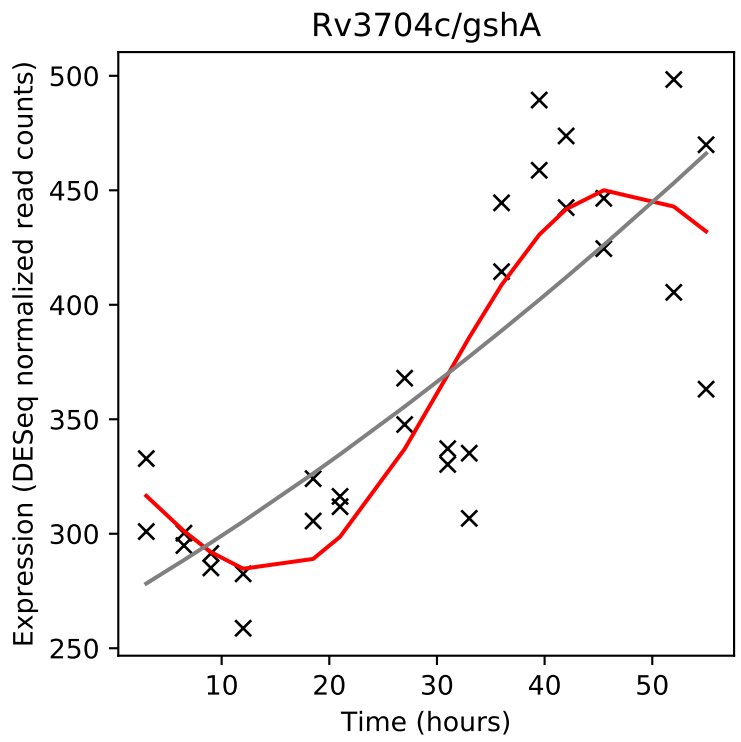

Rv3699/-
Expression (DESeq normalized read counts)
Time (hours)

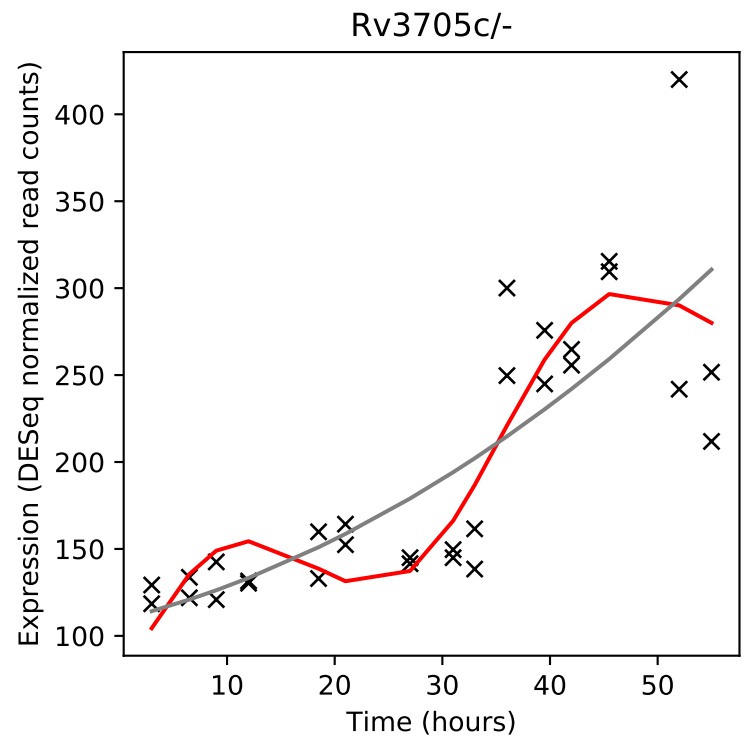

Rv3700c/-
Expression (DESeq normalized read counts)
Time (hours)

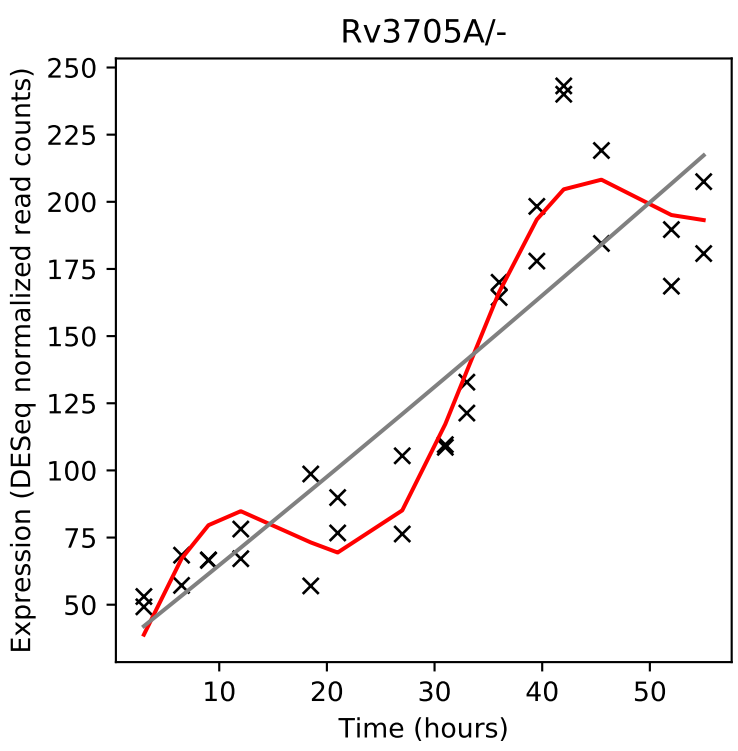

Rv3701c/-
Expression (DESeq normalized read counts)
Time (hours)

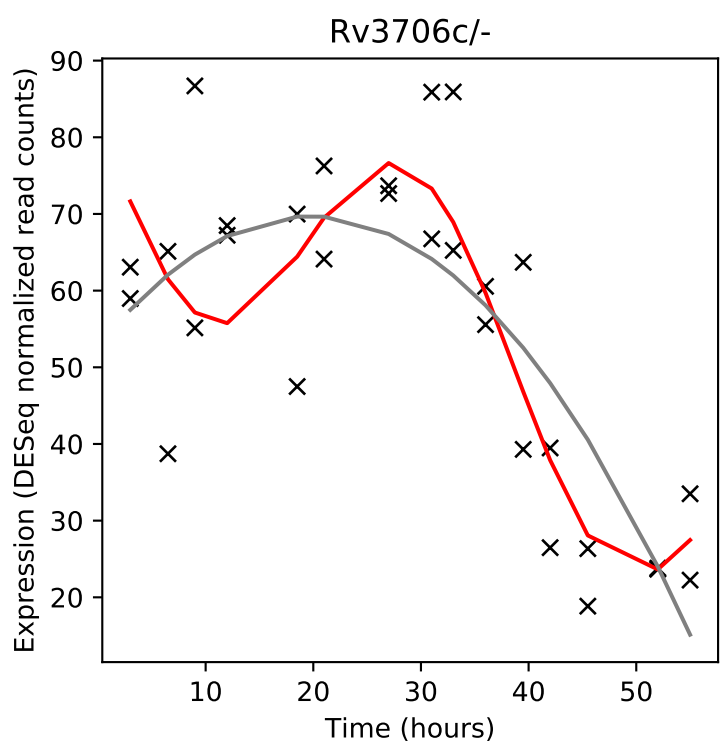

Rv3702c/-
Expression (DESeq normalized read counts)
Time (hours)

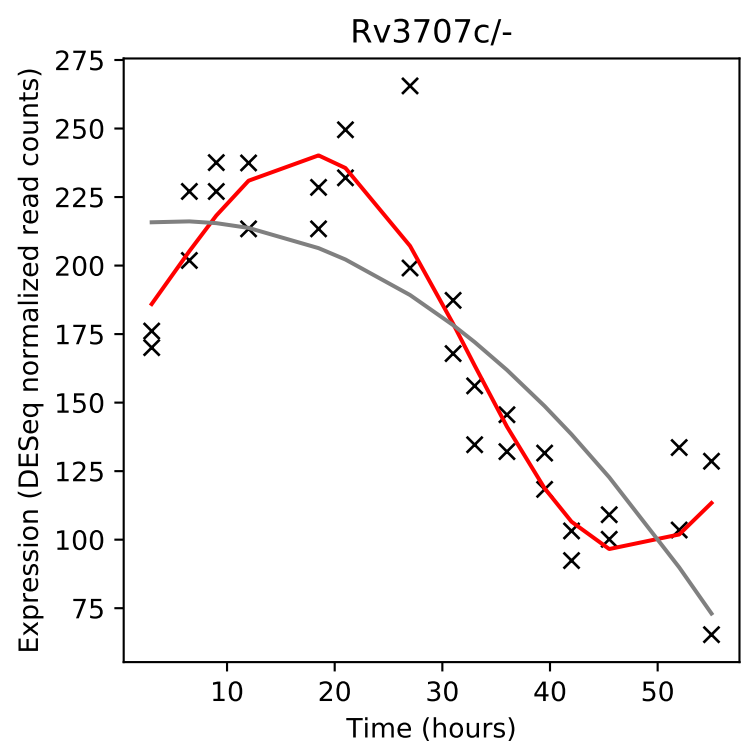

Rv3703c/-
Expression (DESeq normalized read counts)
Time (hours)

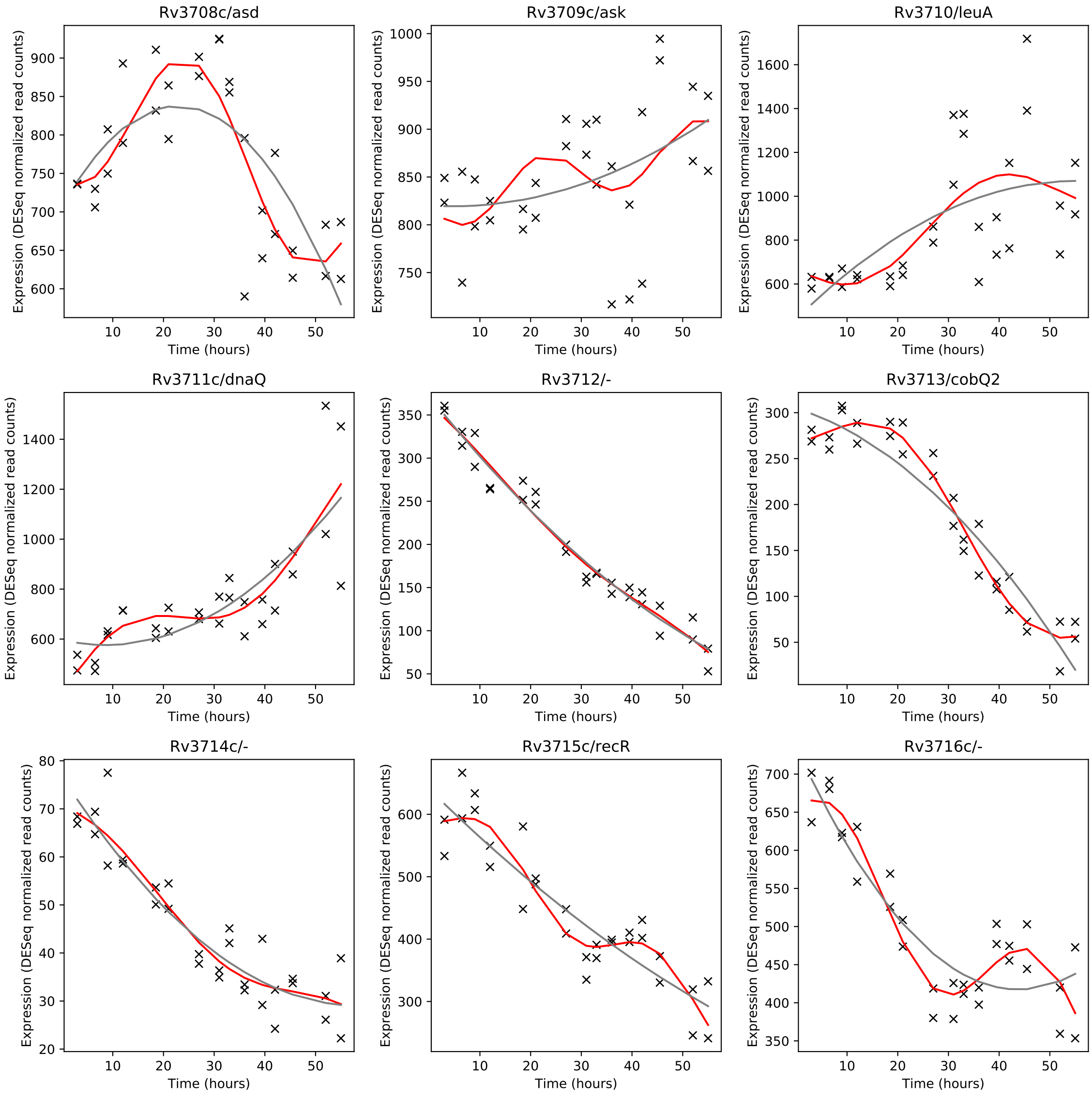

Rv3704c/gshA
Expression (DESeq normalized read counts)
Time (hours)

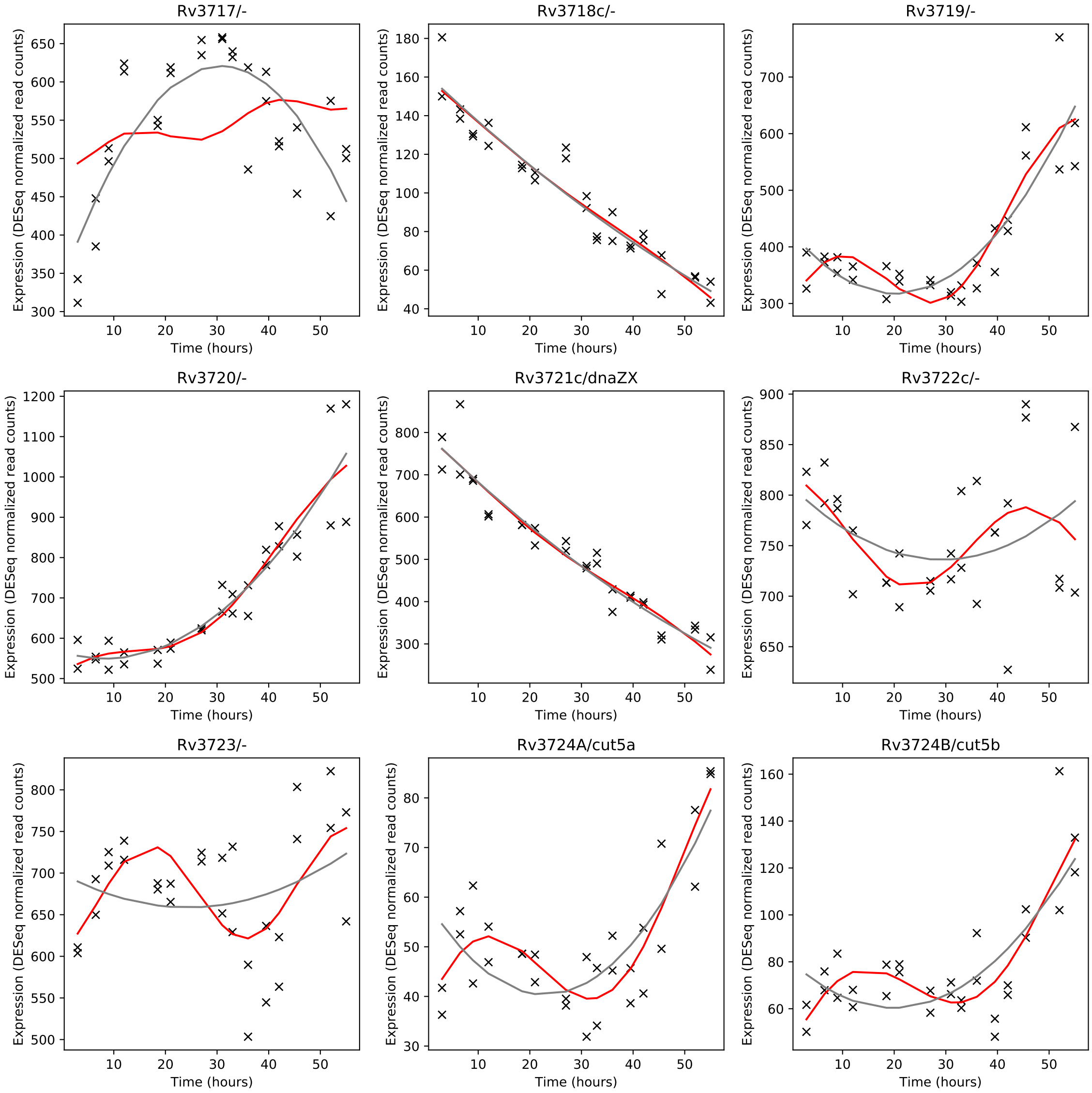

Rv3705c/-
Expression (DESeq normalized read counts)
Time (hours)

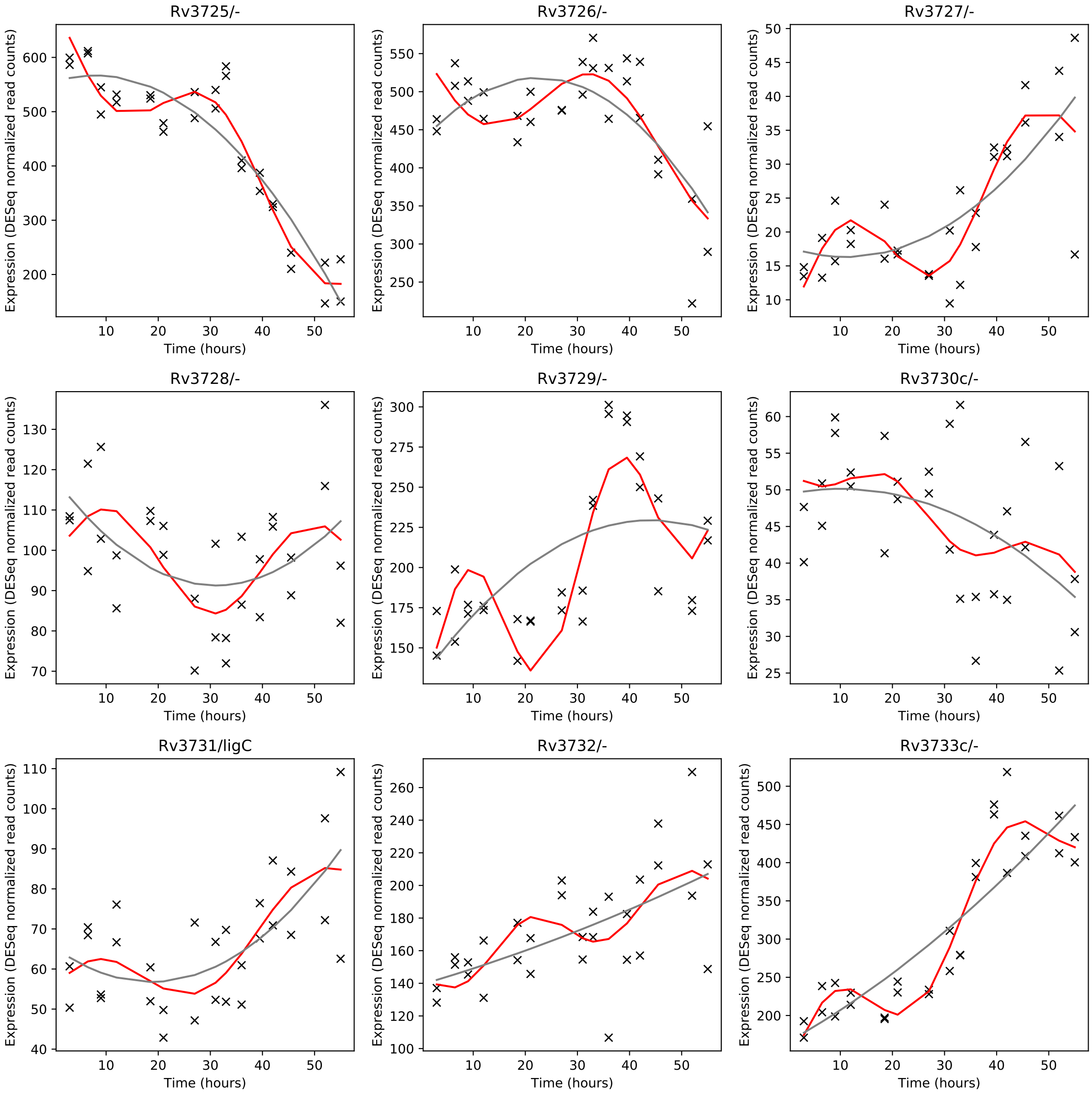

Rv3705A/-
Expression (DESeq normalized read counts)
Time (hours)

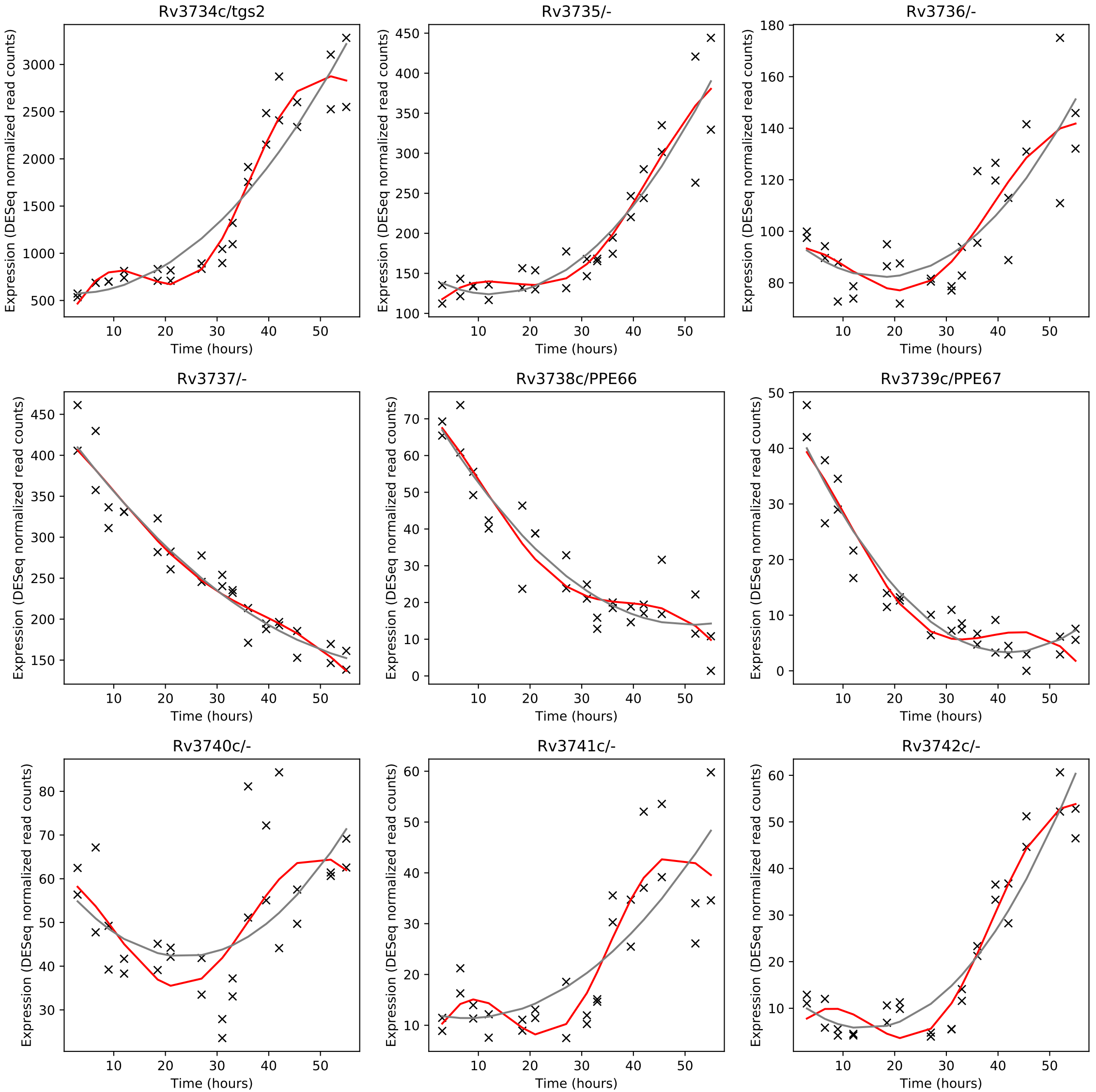

Rv3706c/-
Expression (DESeq normalized read counts)
Time (hours)

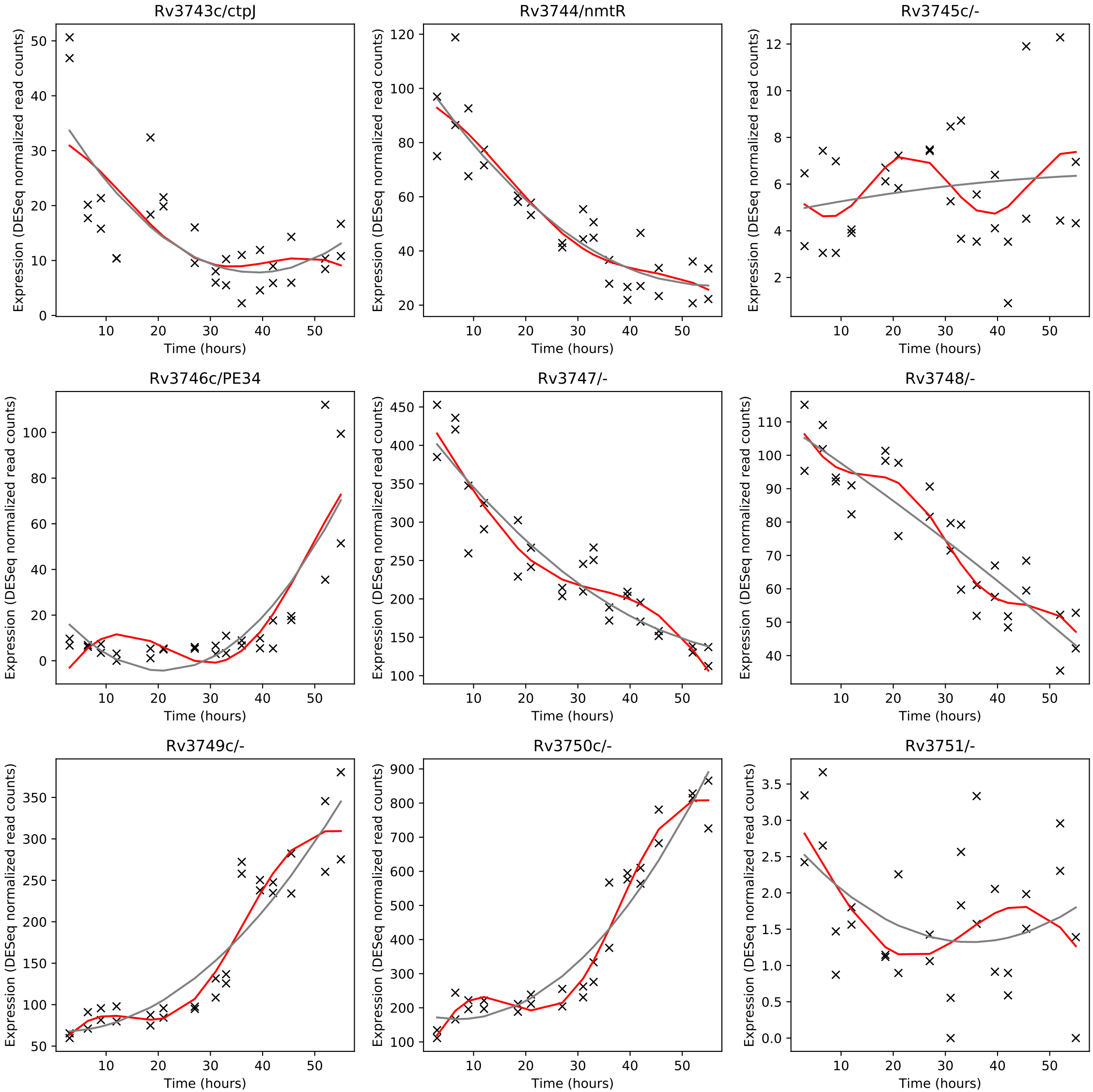

Rv3707c/-
Expression (DESeq normalized read counts)
Time (hours)

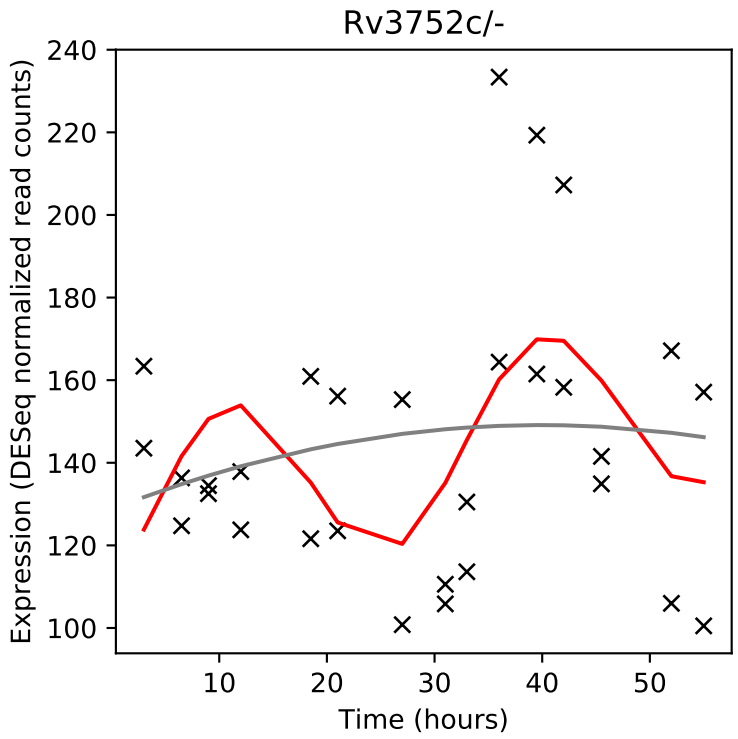

Rv3708c/asd
Rv3709c/ask
Rv3710/leuA
Rv3711c/dnaQ
Rv3712/-
Rv3713/cobQ2
Rv3714c/-
Rv3715c/recR
Rv3716c/-
Expression (DESeq normalized read counts)
Time (hours)

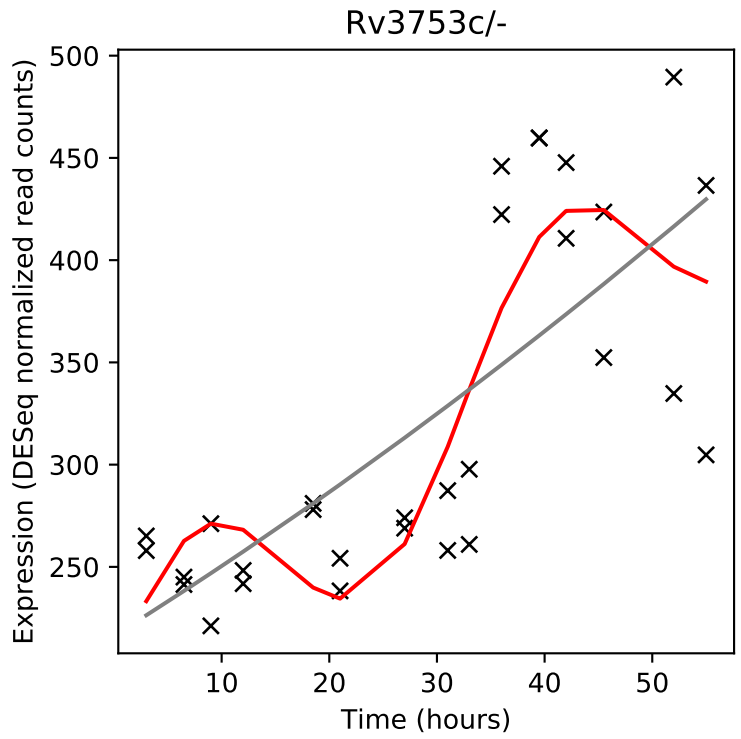

Rv3717/-
Rv3718c/-
Rv3719/-
Rv3720/-
Rv3721c/dnaZX
Rv3722c/-
Rv3723/-
Rv3724A/cut5a
Rv3724B/cut5b
Expression (DESeq normalized read counts)
Time (hours)

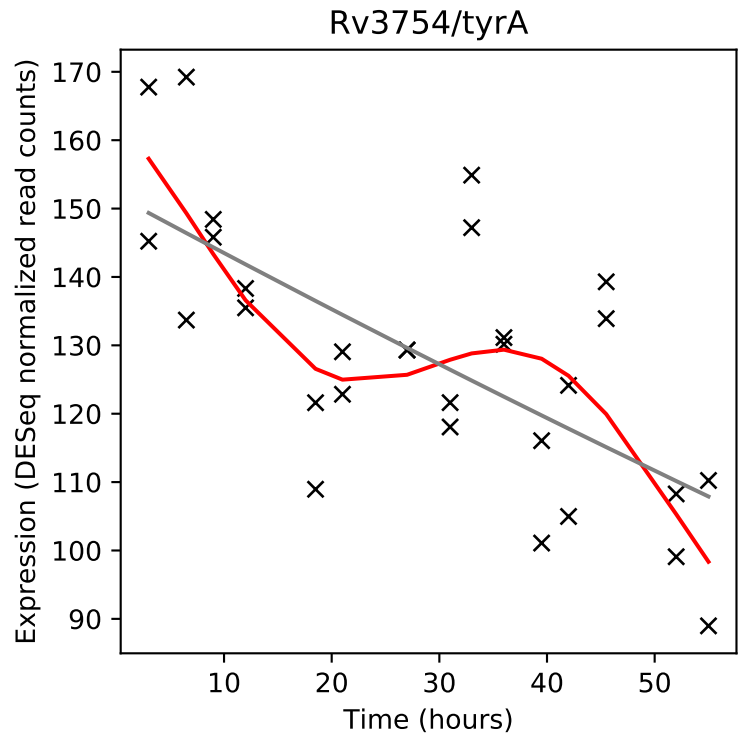

Rv3725/-
Rv3726/-
Rv3727/-
Rv3728/-
Rv3729/-
Rv3730c/-
Rv3731/ligC
Rv3732/-
Rv3733c/-
Expression (DESeq normalized read counts)
Time (hours)

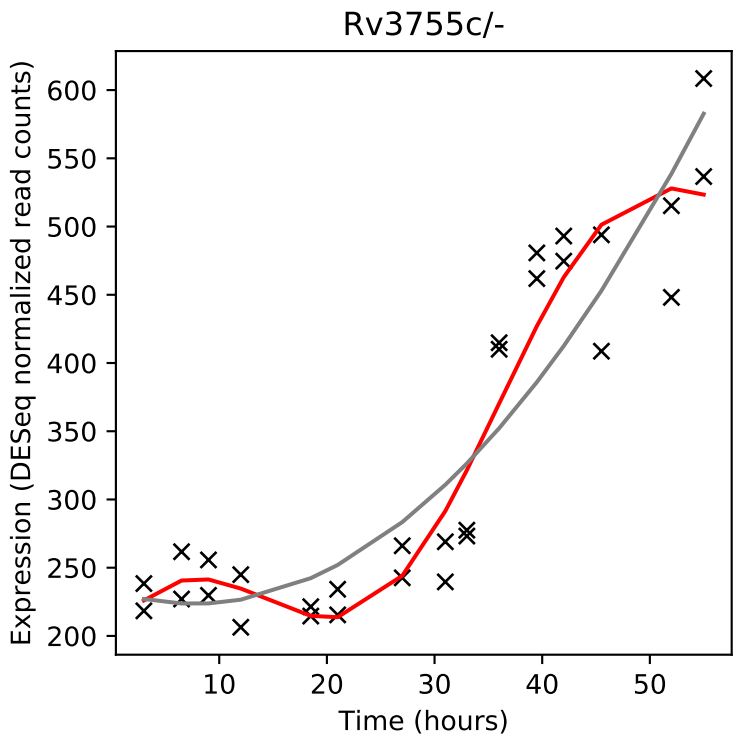

Rv3734c/tgs2
Rv3735/-
Rv3736/-
Rv3737/-
Rv3738c/PPE66
Rv3739c/PPE67
Rv3740c/-
Rv3741c/-
Rv3742c/-
Expression (DESeq normalized read counts)
Time (hours)

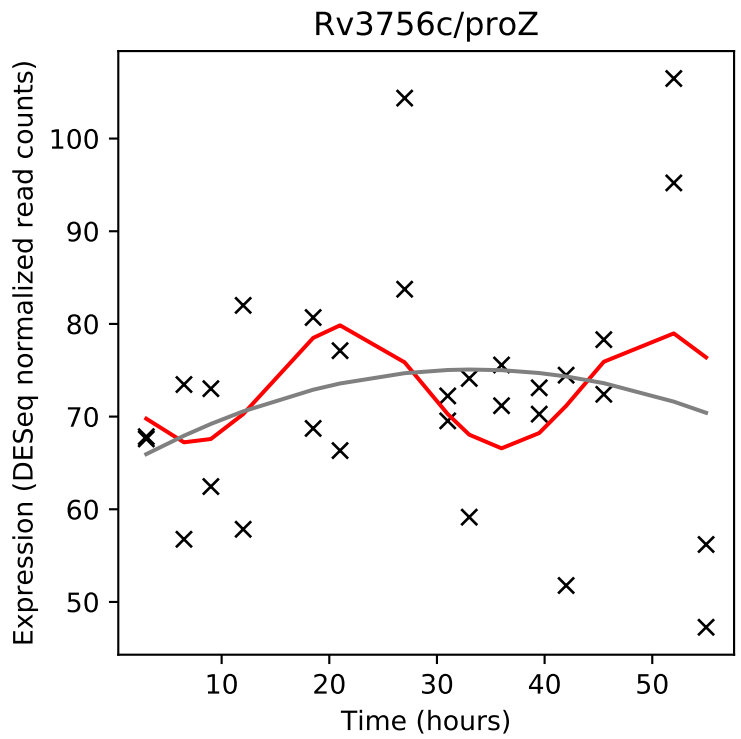

Rv3743c/ctpJ
Rv3744/nmtR
Rv3745c/-
Rv3746c/PE34
Rv3747/-
Rv3748/-
Rv3749c/-
Rv3750c/-
Rv3751/-
Expression (DESeq normalized read counts)
Time (hours)

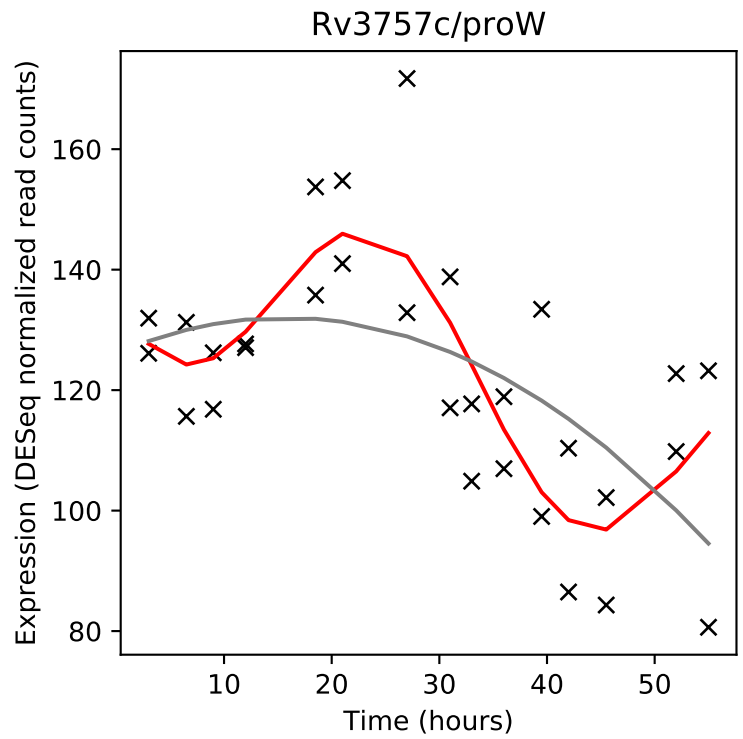

Rv3752c/-
Expression (DESeq normalized read counts)
Time (hours)

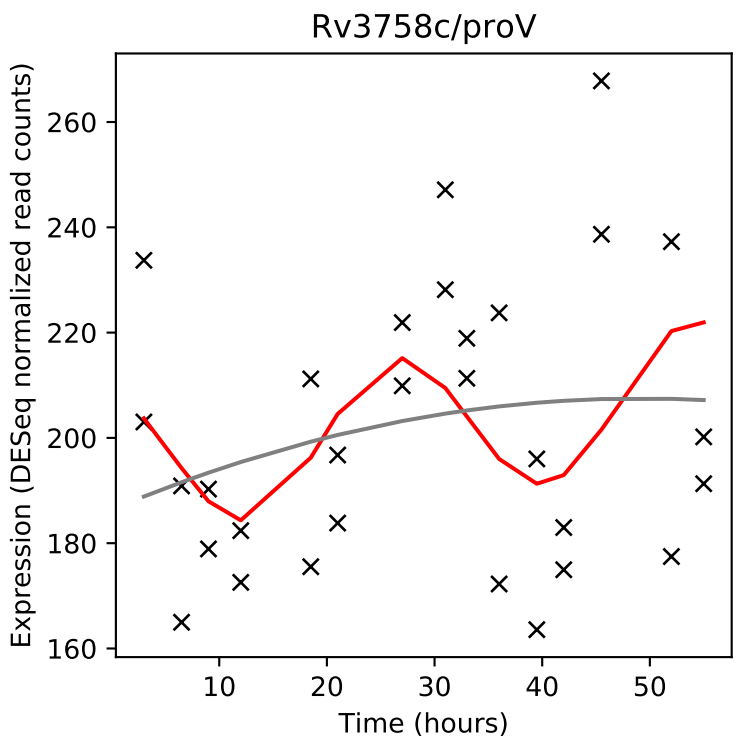

Rv3753c/-
Expression (DESeq normalized read counts)
Time (hours)

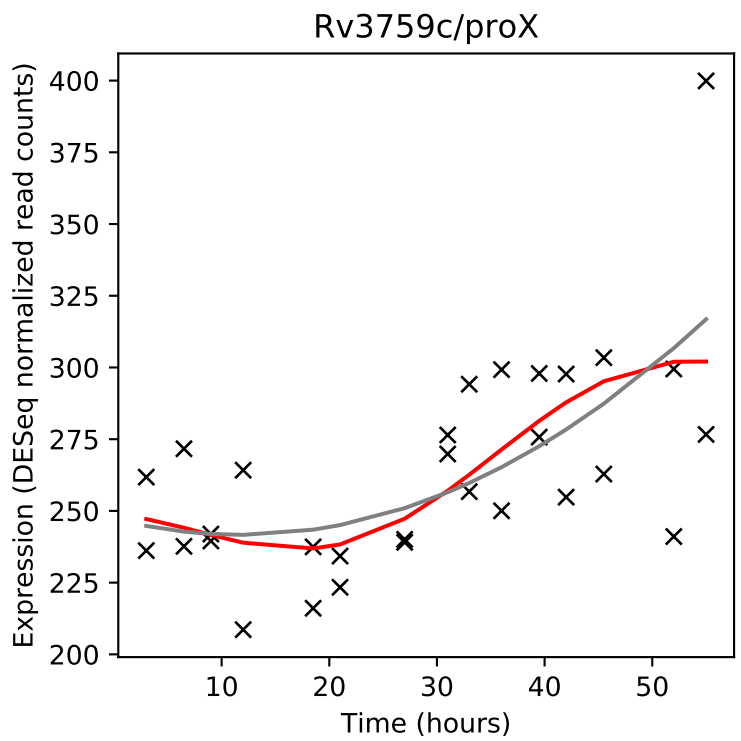

Rv3754/tyrA
Expression (DESeq normalized read counts)
Time (hours)

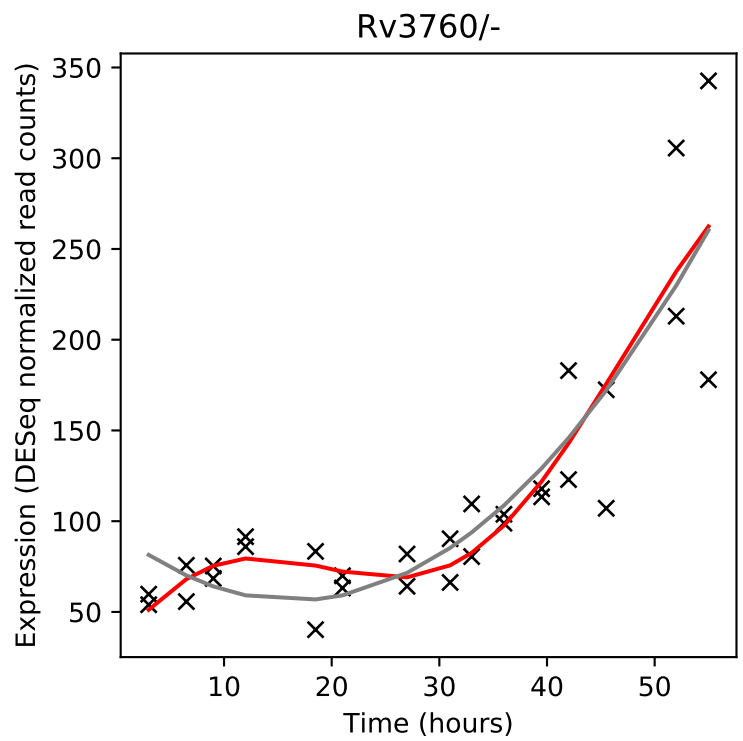

Rv3755c/-
Expression (DESeq normalized read counts)
Time (hours)

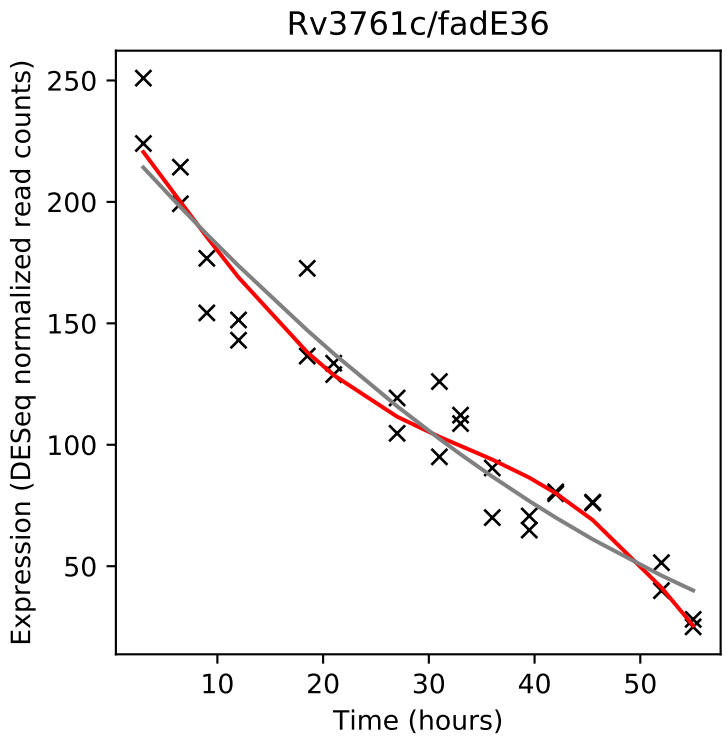

Rv3756c/proZ
Expression (DESeq normalized read counts)
Time (hours)

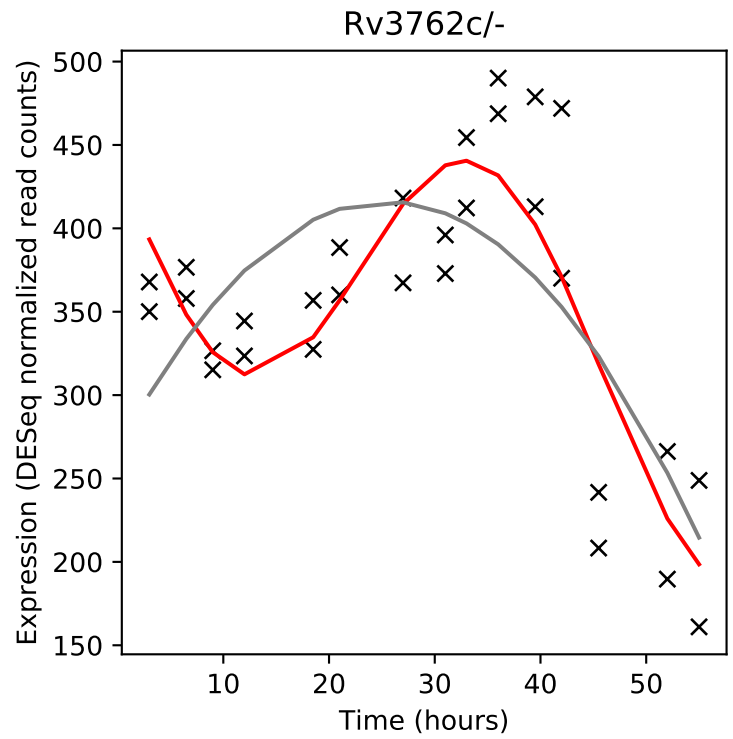

Rv3757c/proW
Expression (DESeq normalized read counts)
Time (hours)

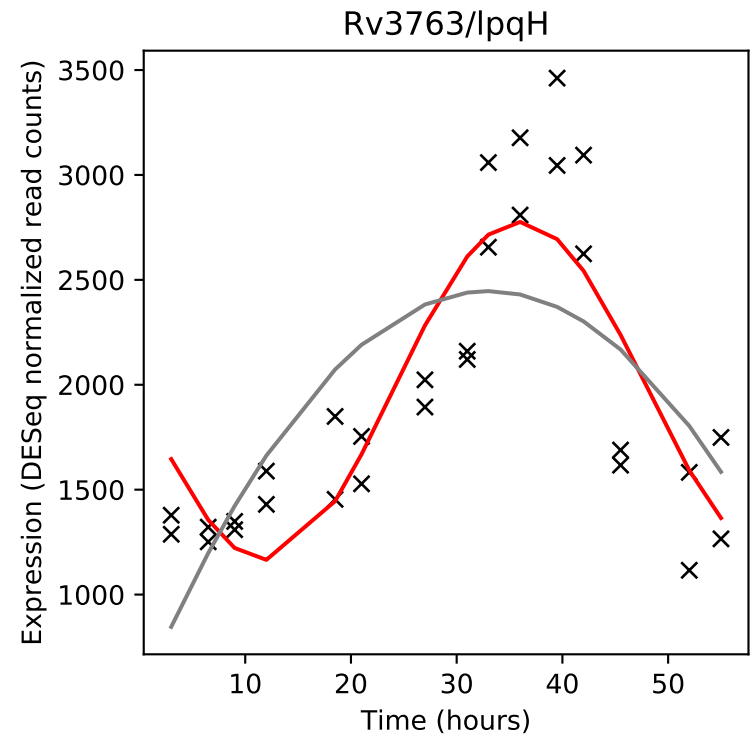

Rv3758c/proV
Expression (DESeq normalized read counts)
Time (hours)

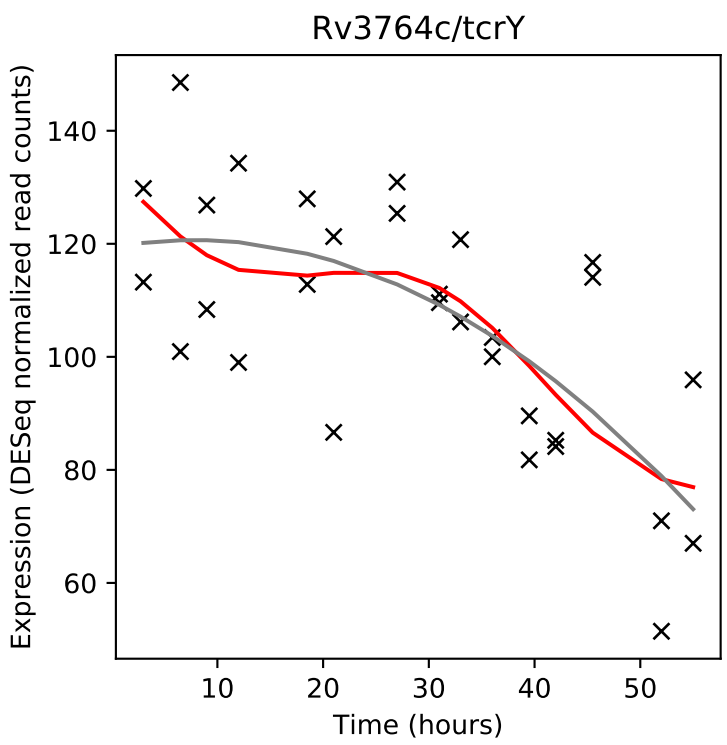

Rv3759c/proX
Expression (DESeq normalized read counts)
Time (hours)

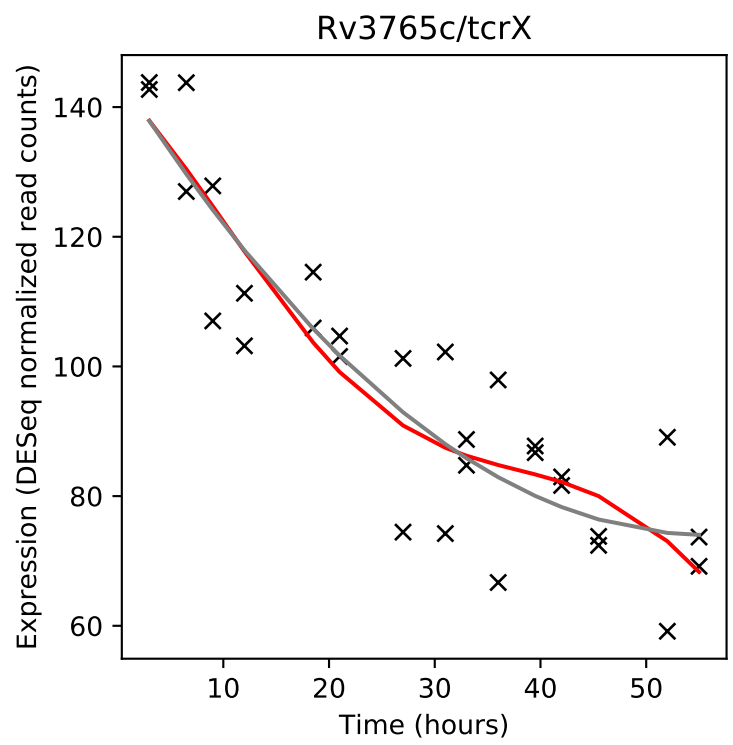

Rv3760/-
Expression (DESeq normalized read counts)
Time (hours)

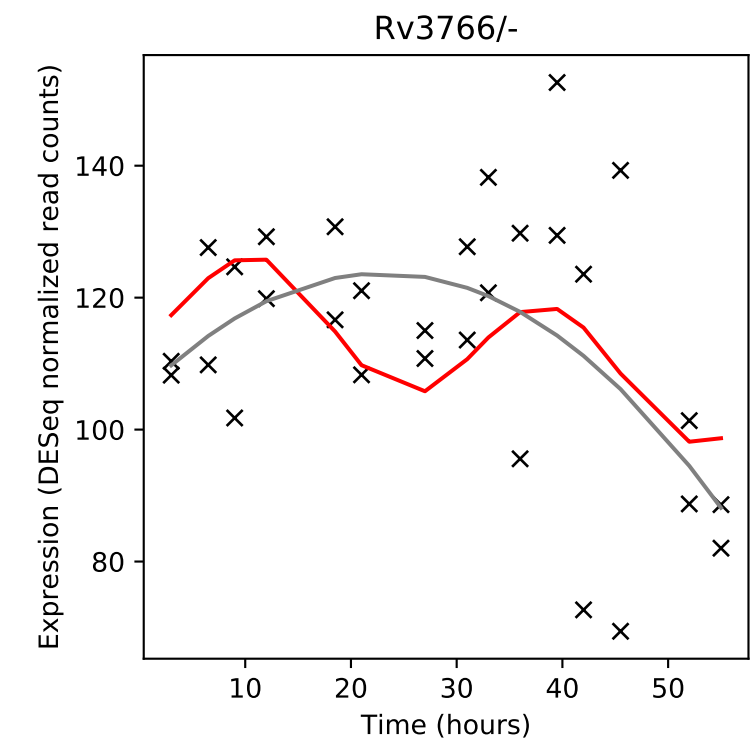

Rv3761c/fadE36
Expression (DESeq normalized read counts)
Time (hours)

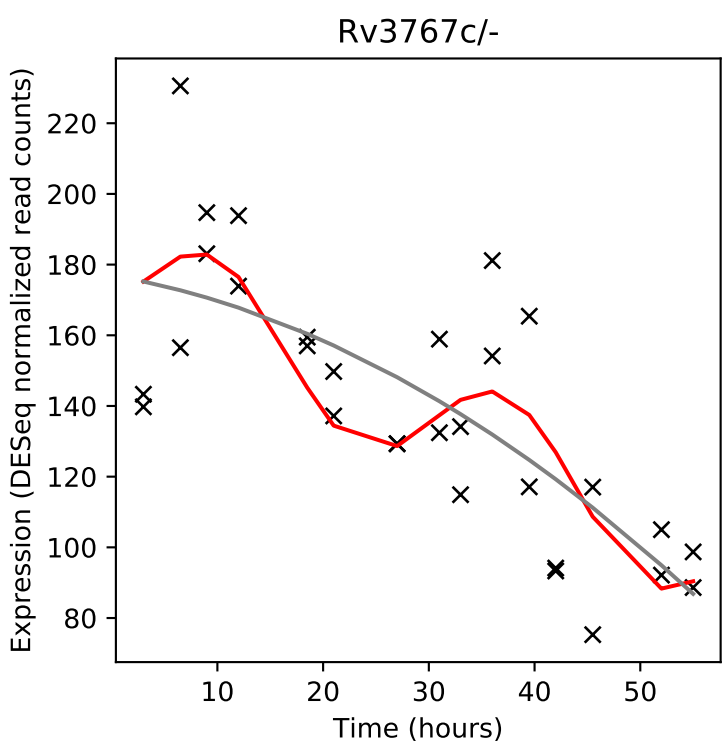

Rv3762c/-
Expression (DESeq normalized read counts)
Time (hours)

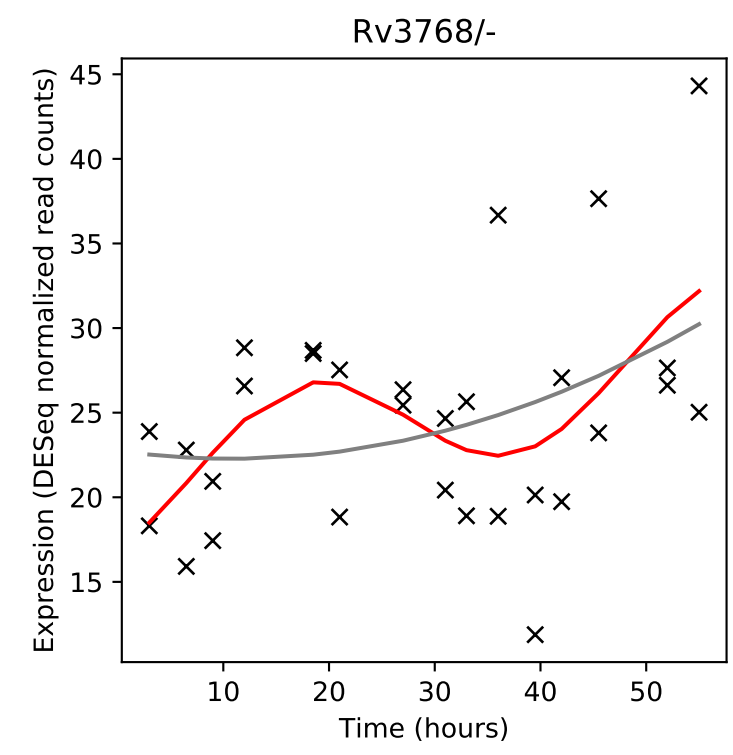

Rv3763/lpqH
Expression (DESeq normalized read counts)
Time (hours)

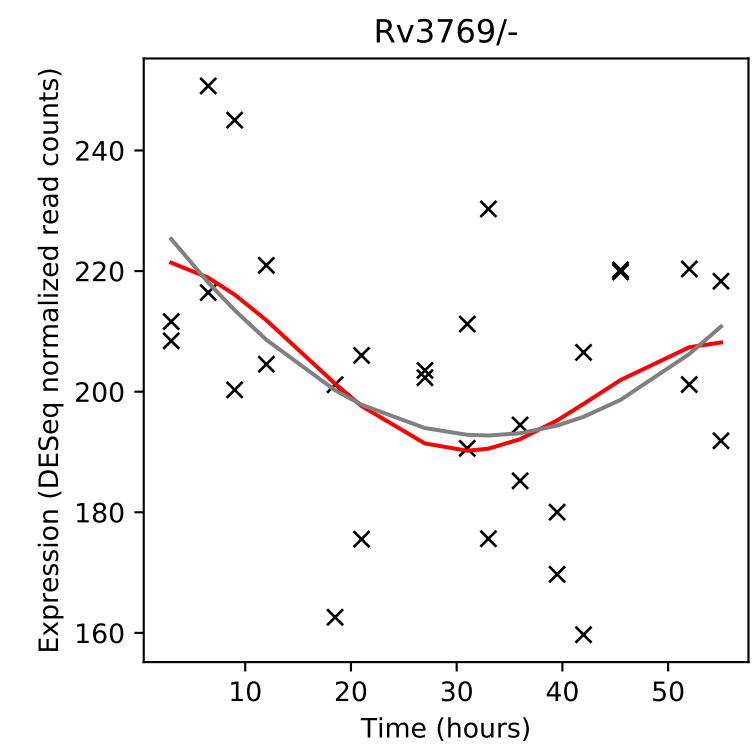

Rv3764c/tcrY
Expression (DESeq normalized read counts)
Time (hours)

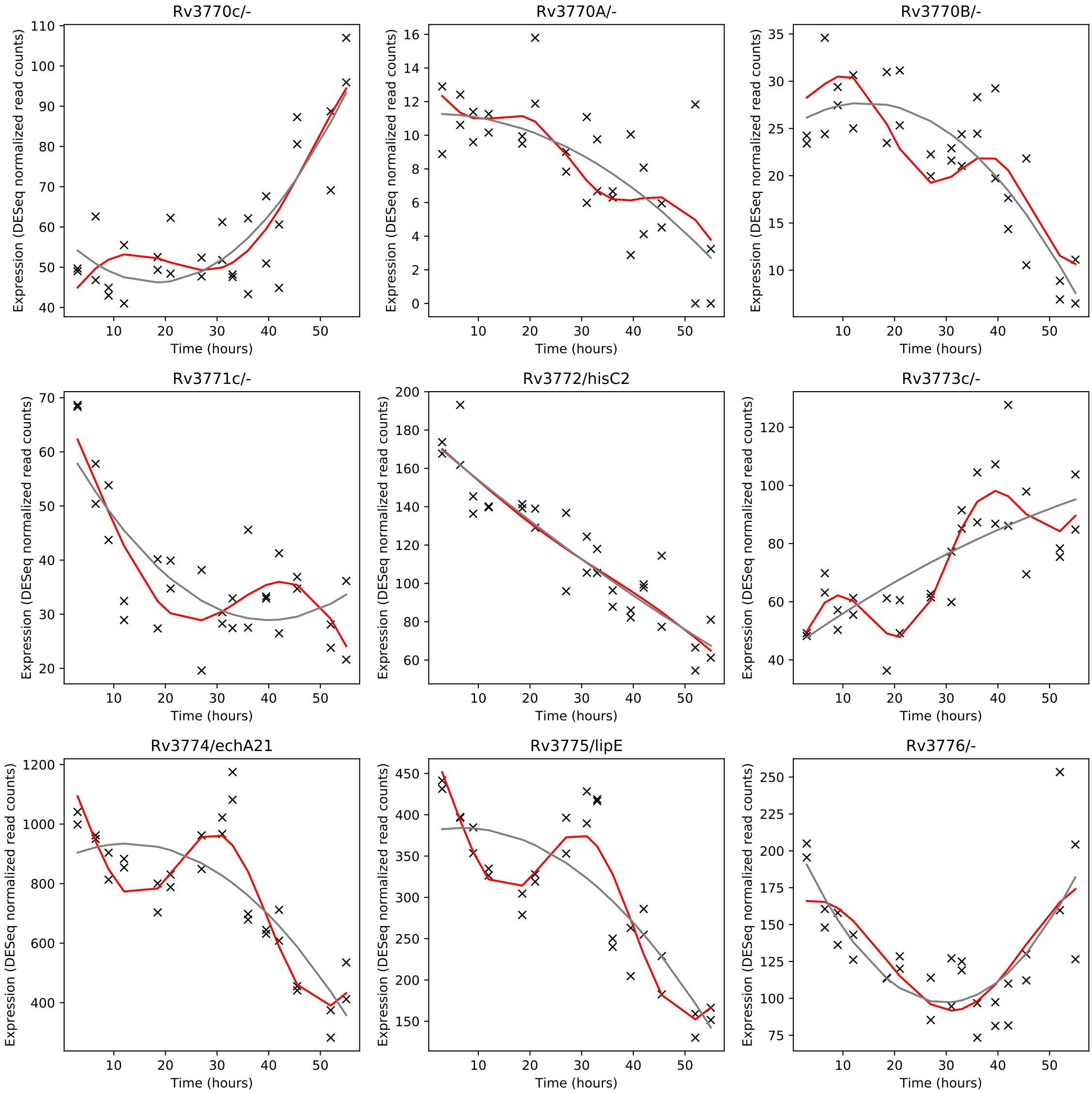

Rv3765c/tcrX
Expression (DESeq normalized read counts)
Time (hours)

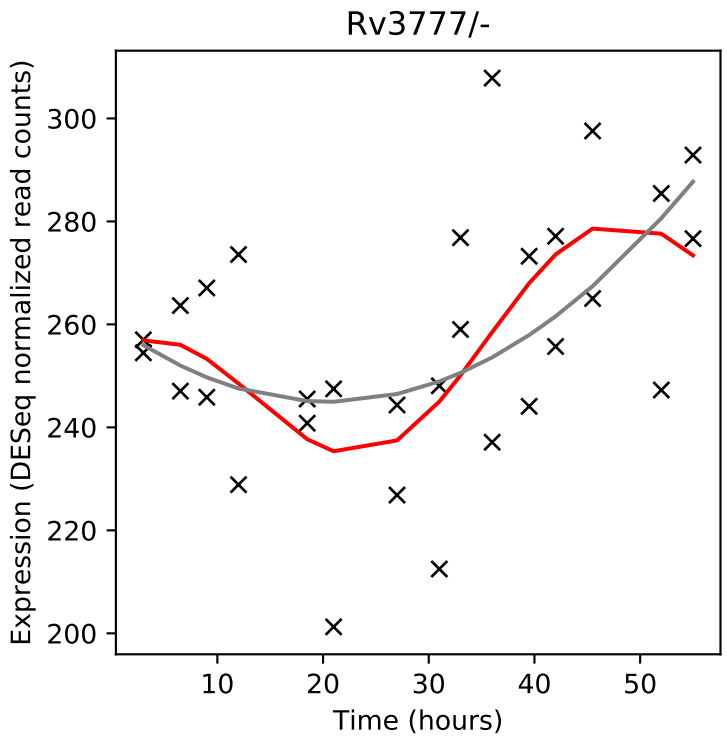

Rv3766/-
Expression (DESeq normalized read counts)
Time (hours)

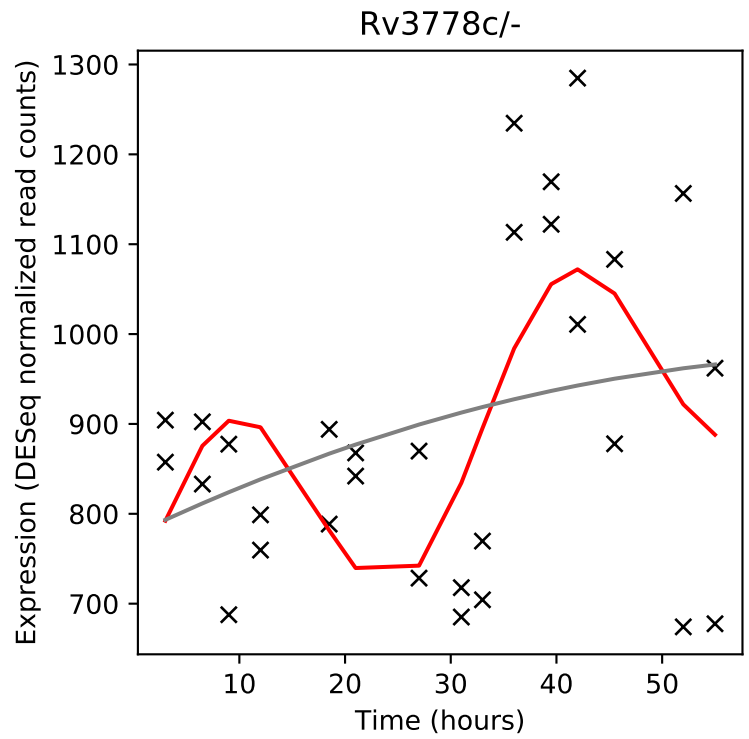

Rv3767c/-
Expression (DESeq normalized read counts)
Time (hours)

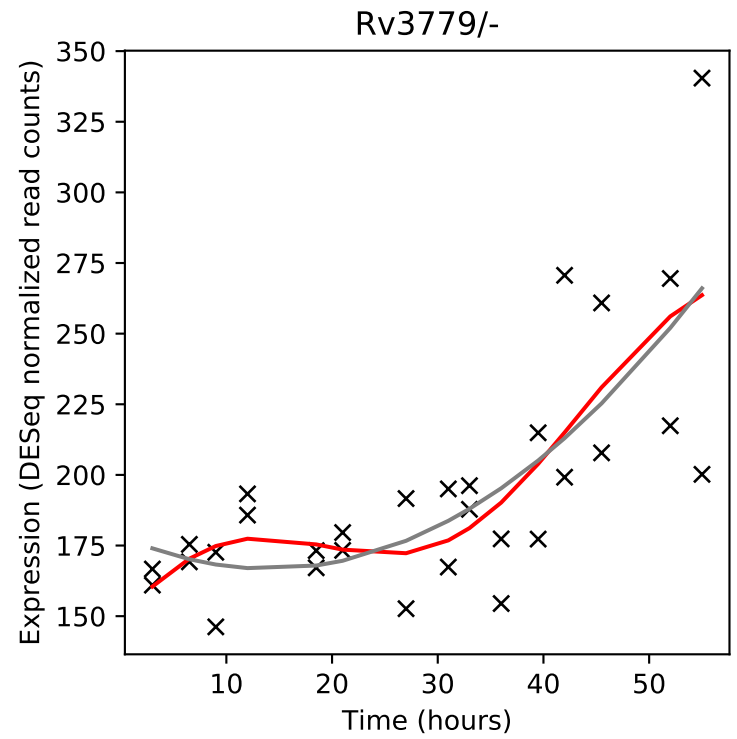

Rv3768/-
Expression (DESeq normalized read counts)
Time (hours)

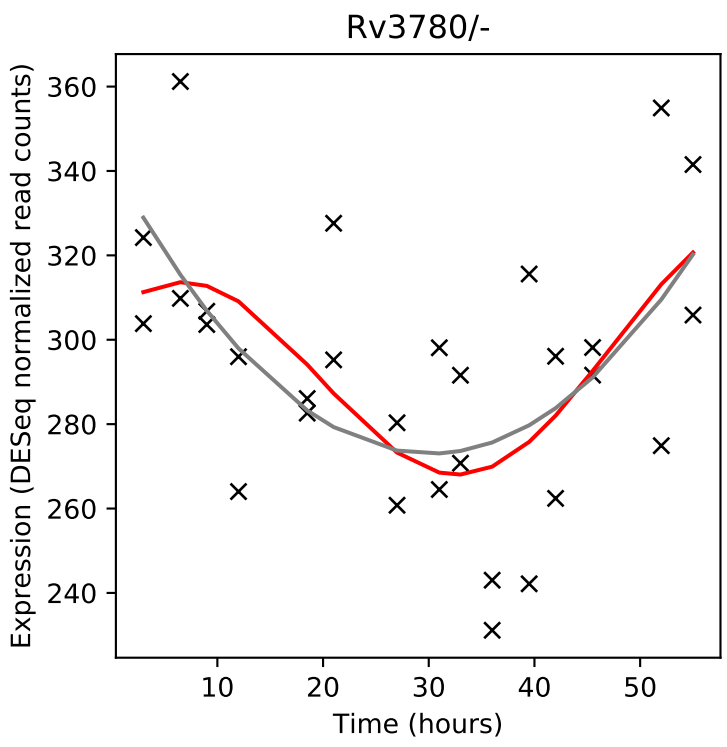

Rv3769/-
Expression (DESeq normalized read counts)
Time (hours)

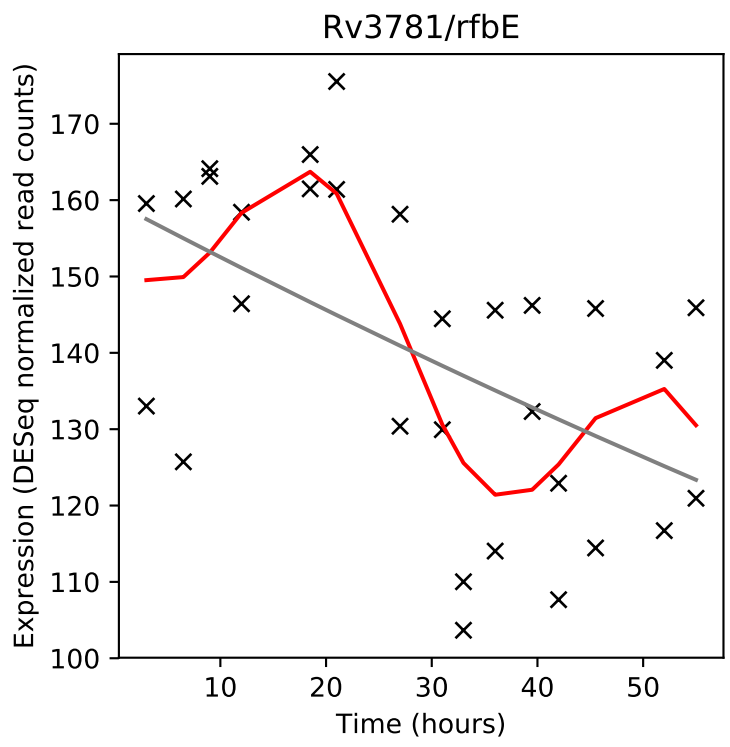

Rv3770c/-
Rv3770A/-
Rv3770B/-
Rv3771c/-
Rv3772/hisC2
Rv3773c/-
Rv3774/echA21
Rv3775/lipE
Rv3776/-
Expression (DESeq normalized read counts)
Time (hours)

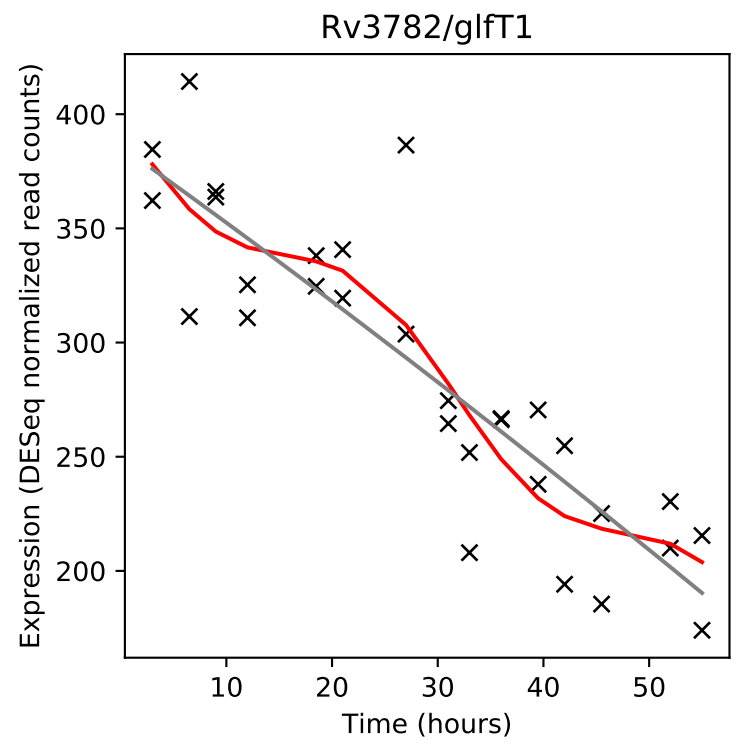

Rv3777/-
Expression (DESeq normalized read counts)
Time (hours)

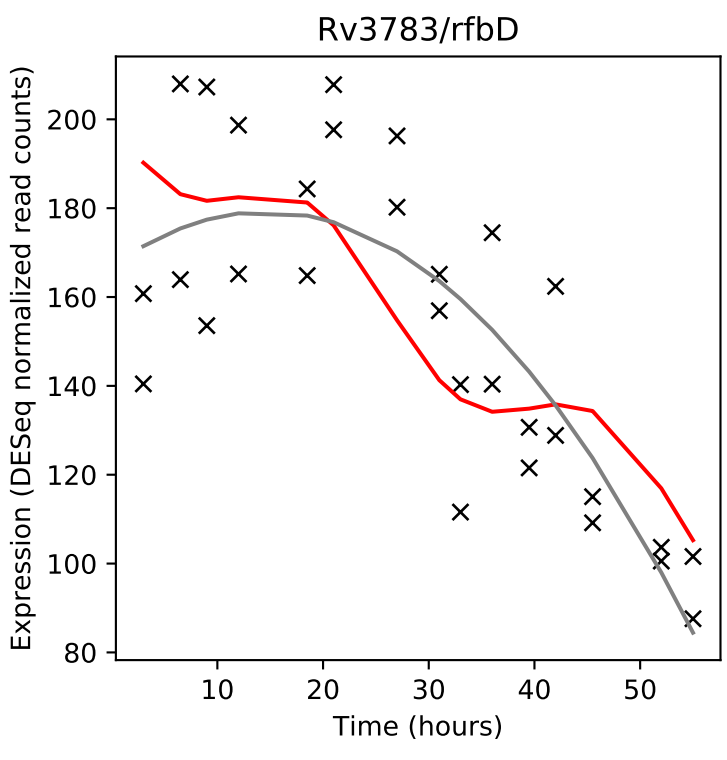

Rv3778c/-
Expression (DESeq normalized read counts)
Time (hours)

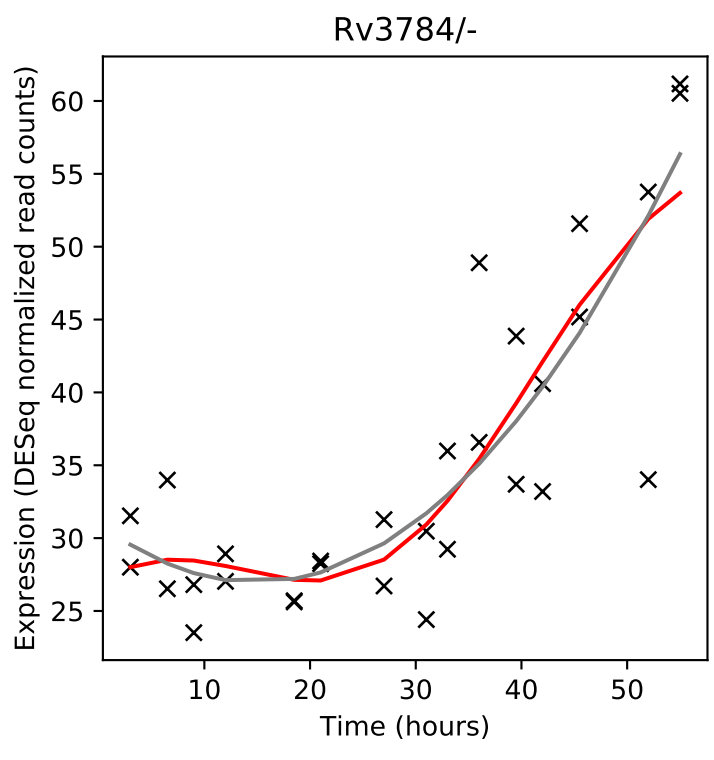

Rv3779/-
Expression (DESeq normalized read counts)
Time (hours)

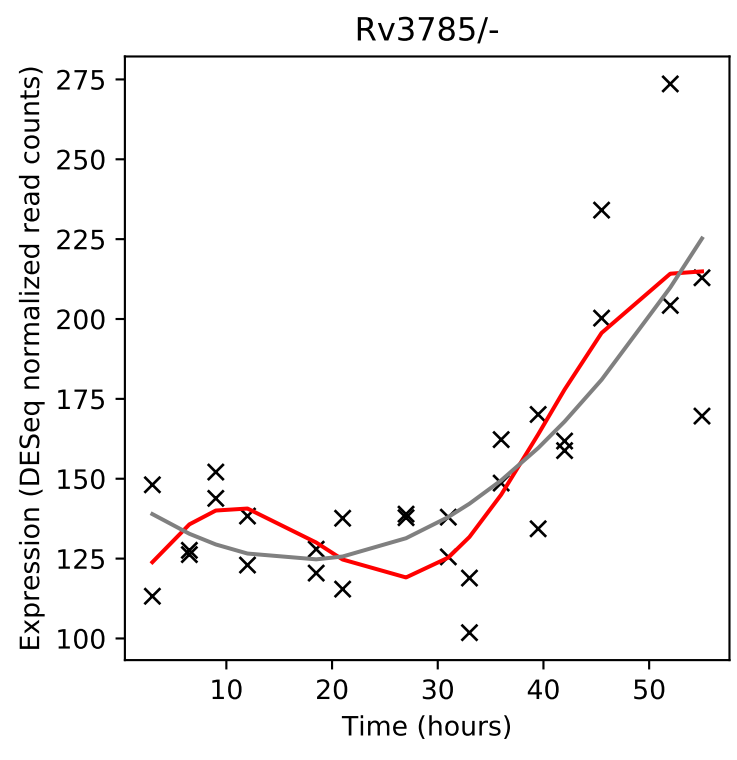

Rv3780/-
Expression (DESeq normalized read counts)
Time (hours)

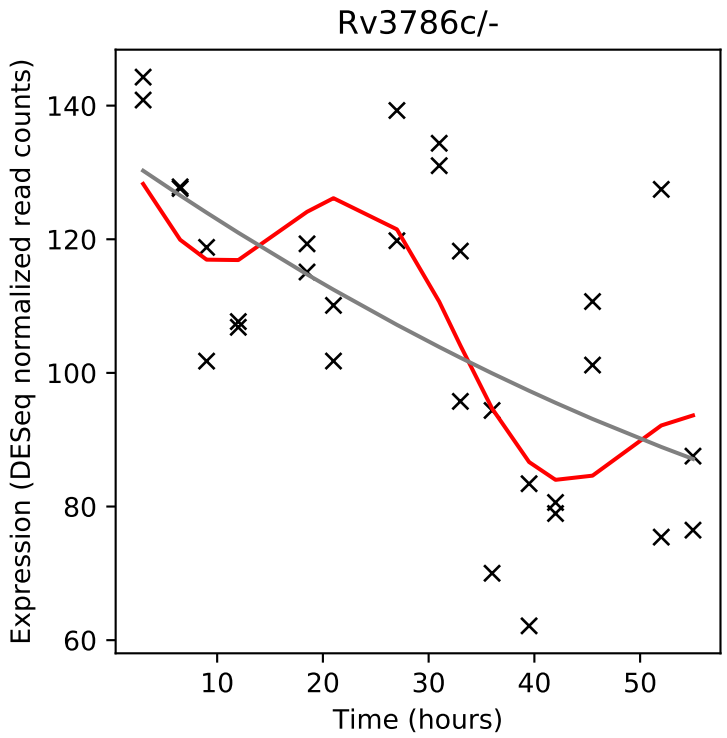

Rv3781/rfbE
Expression (DESeq normalized read counts)
Time (hours)

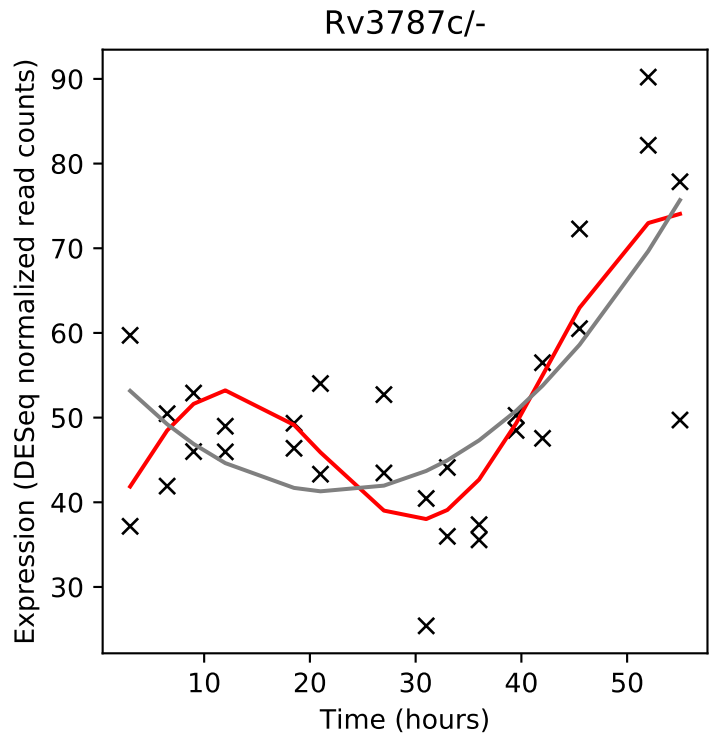

Rv3782/glfT1
Expression (DESeq normalized read counts)
Time (hours)

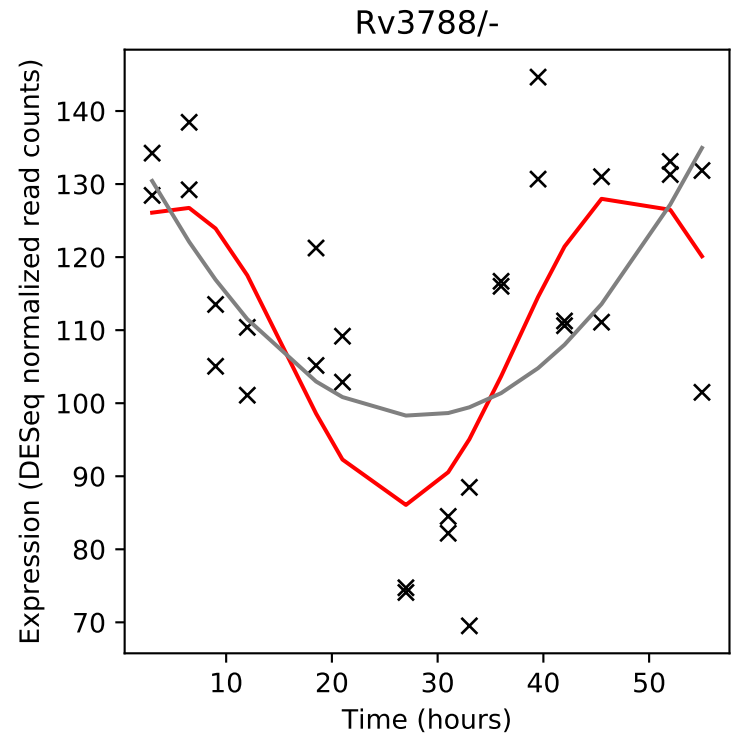

Rv3783/rfbD
Expression (DESeq normalized read counts)
Time (hours)

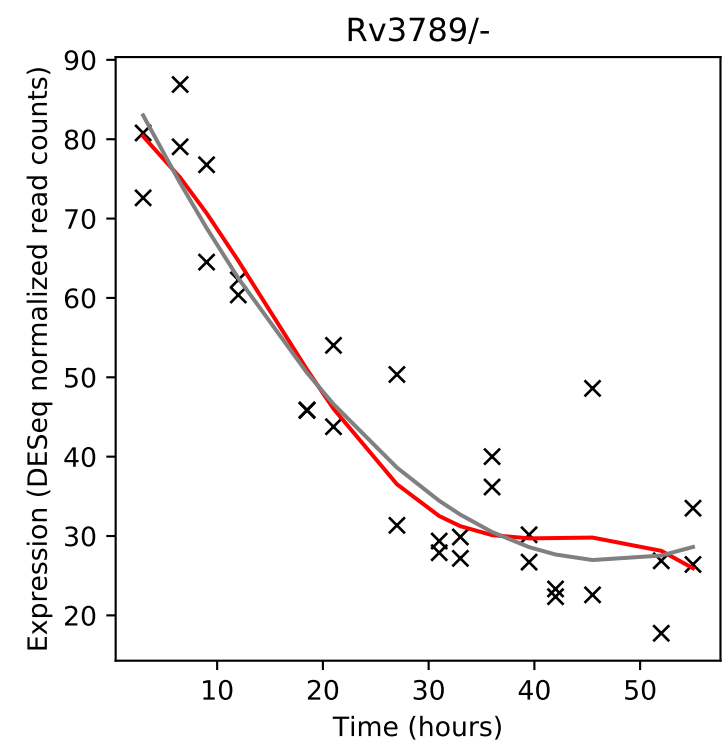

Rv3784/-
Expression (DESeq normalized read counts)
Time (hours)

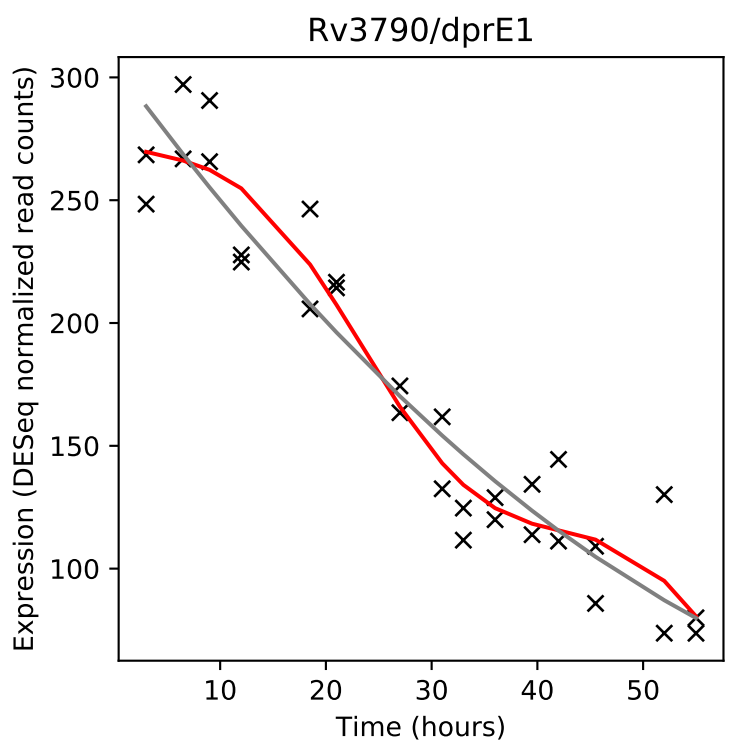

Rv3785/-
Expression (DESeq normalized read counts)
Time (hours)

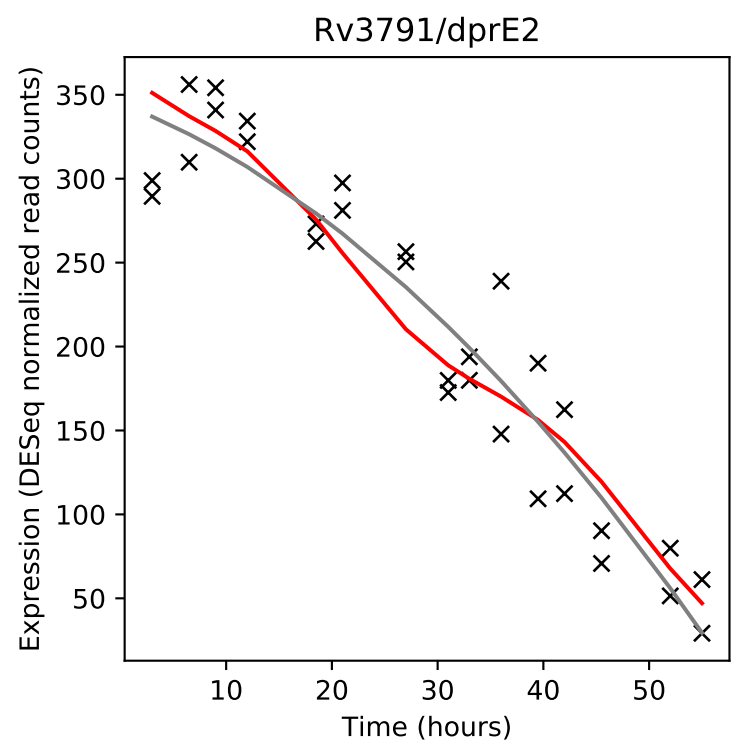

Rv3786c/-
Expression (DESeq normalized read counts)
Time (hours)

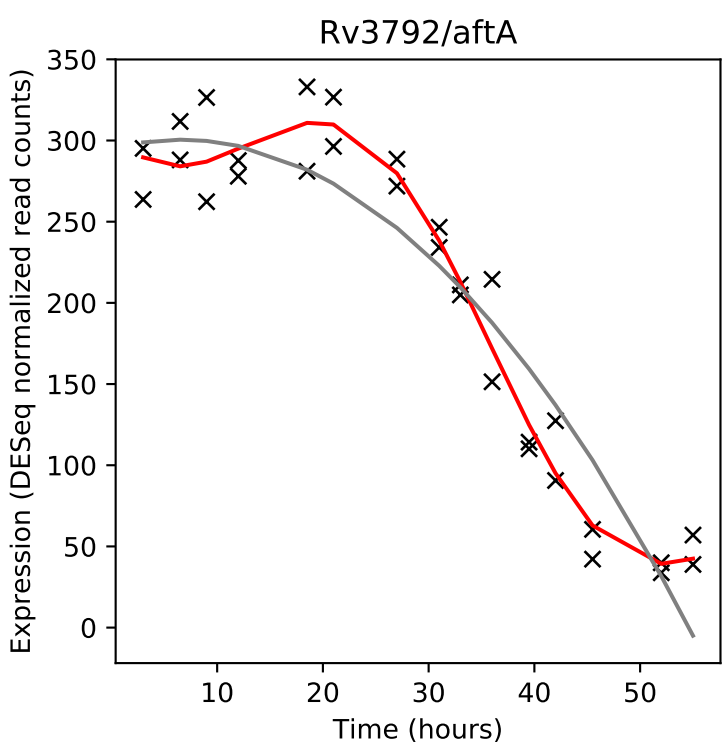

Rv3787c/-
Expression (DESeq normalized read counts)
Time (hours)

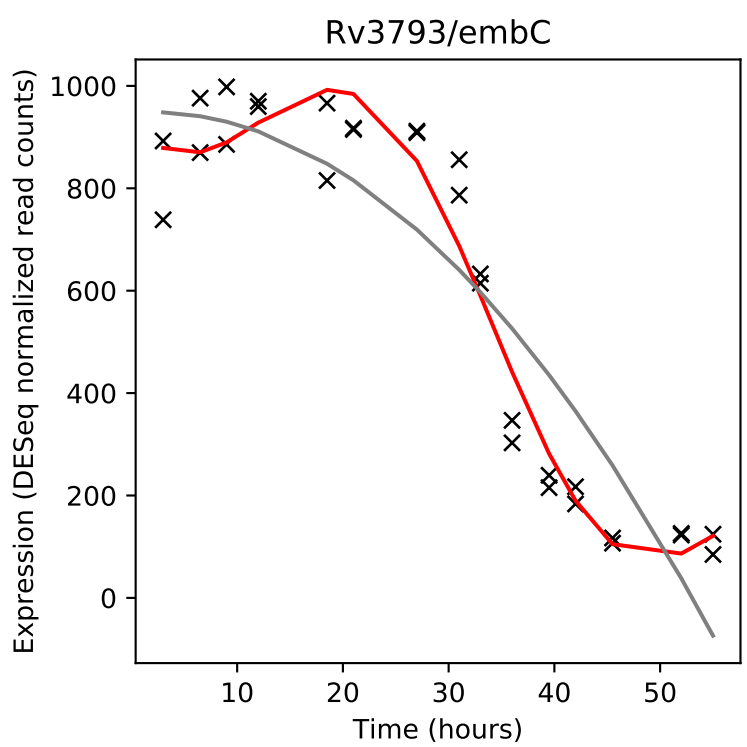

Rv3788/-
Expression (DESeq normalized read counts)
Time (hours)

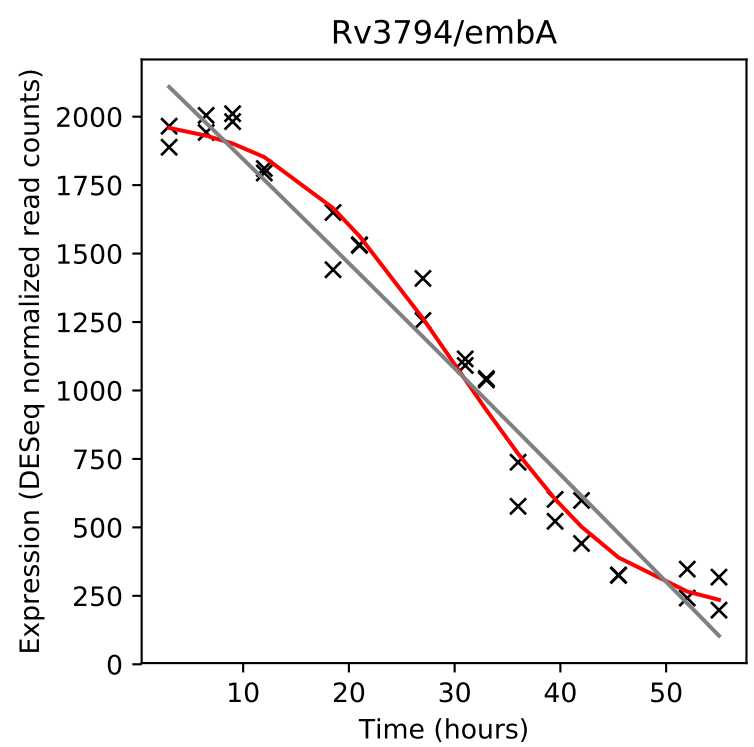

Rv3789/-
Expression (DESeq normalized read counts)
Time (hours)

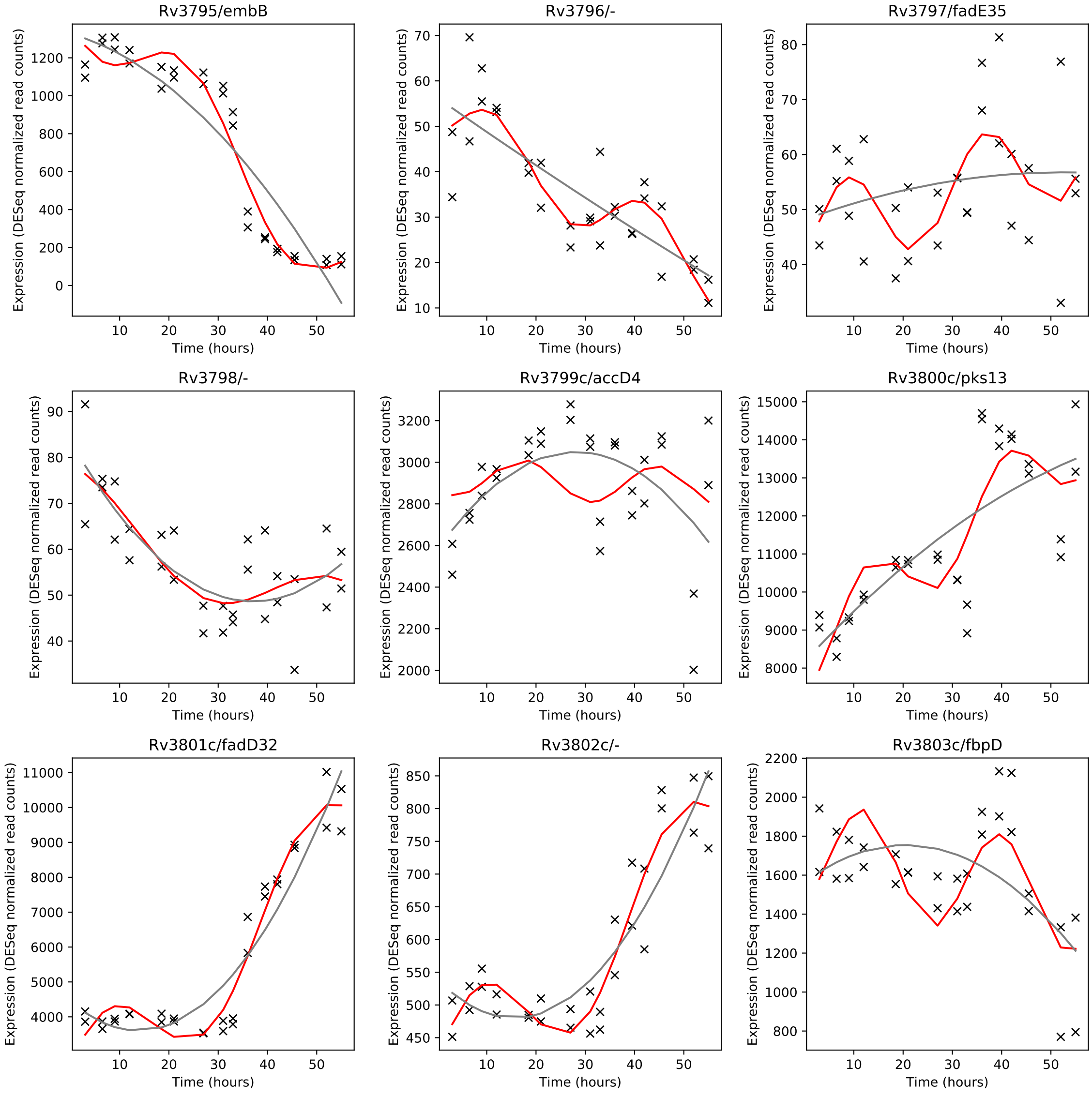

Rv3790/dprE1
Expression (DESeq normalized read counts)
Time (hours)

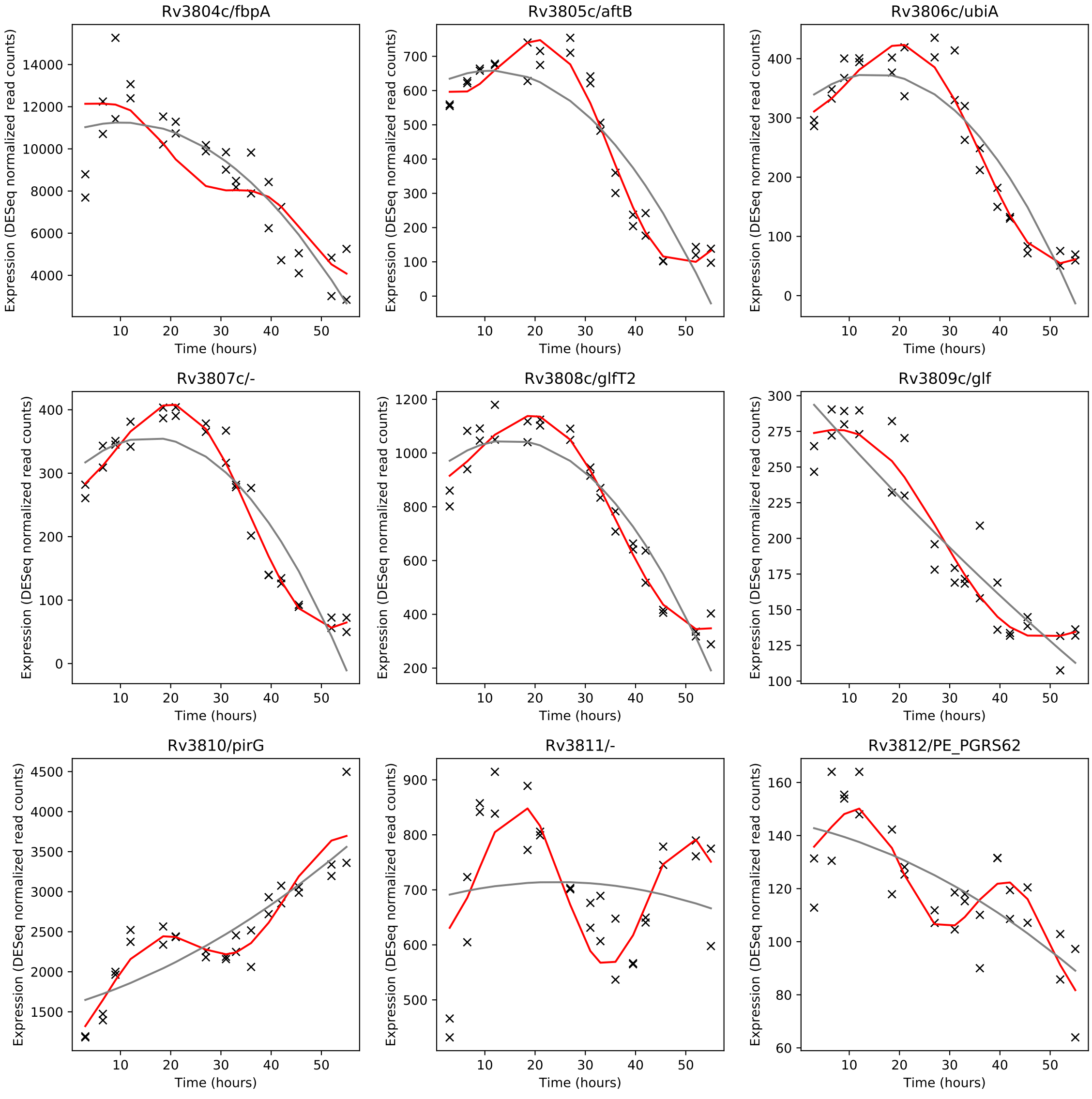

Rv3791/dprE2
Expression (DESeq normalized read counts)
Time (hours)

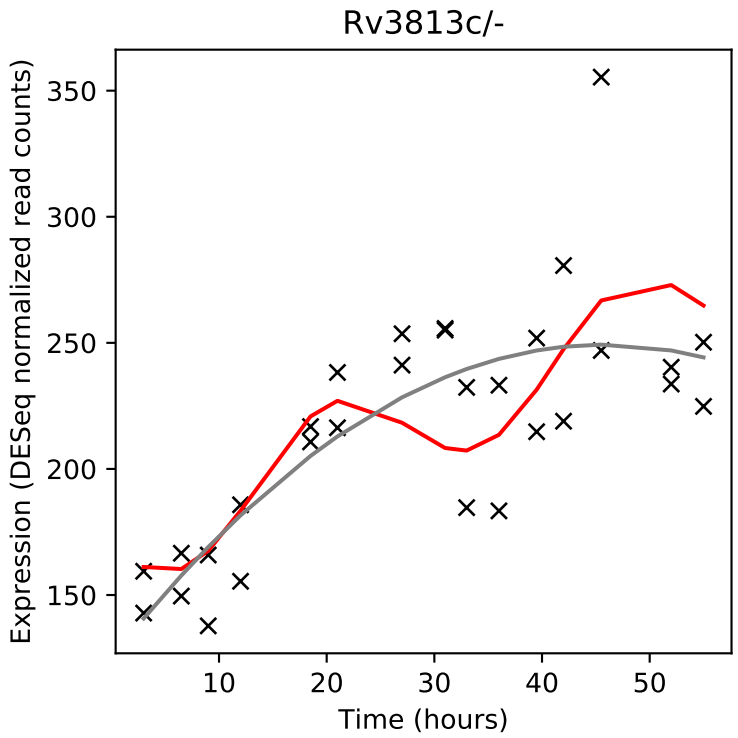

Rv3792/aftA
Expression (DESeq normalized read counts)
Time (hours)

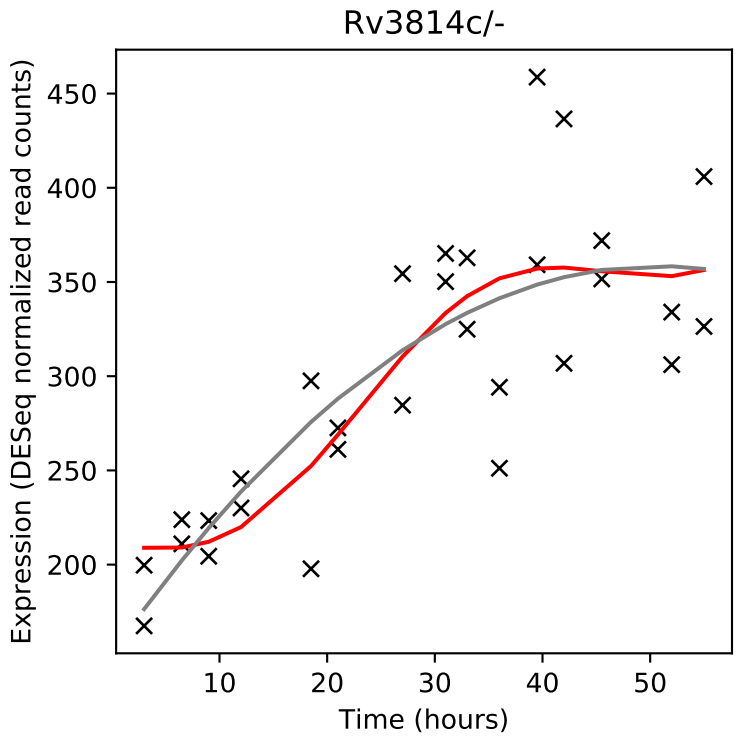

Rv3793/embC
Expression (DESeq normalized read counts)
Time (hours)

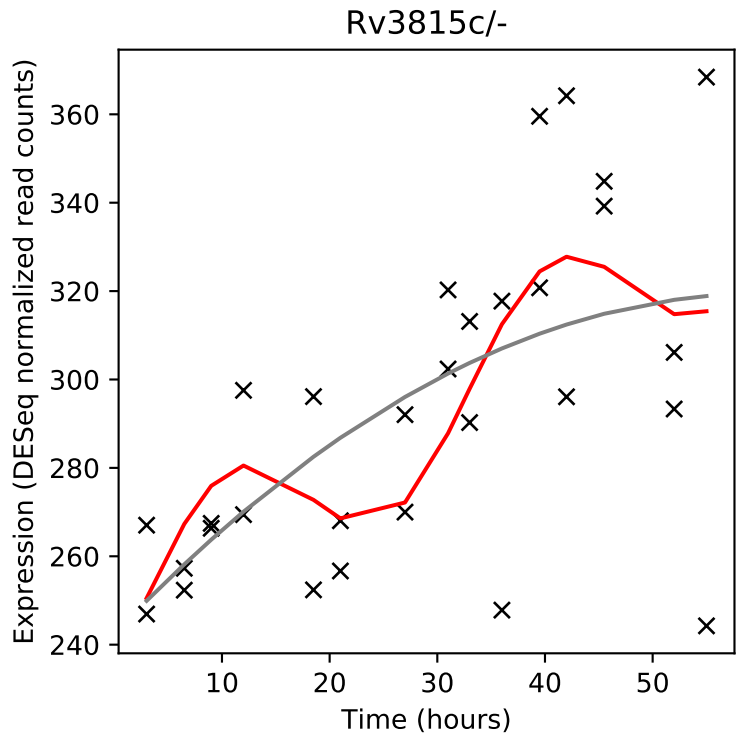

Rv3794/embA
Expression (DESeq normalized read counts)
Time (hours)

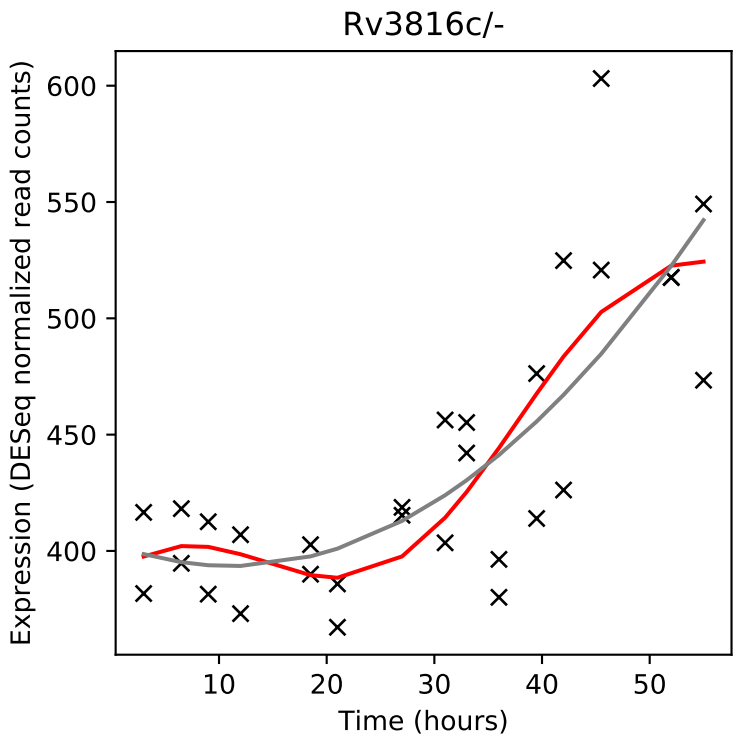

Rv3795/embB
Rv3796/-
Rv3797/fadE35
Rv3798/-
Rv3799c/accD4
Rv3800c/pks13
Rv3801c/fadD32
Rv3802c/-
Rv3803c/fbpD
Expression (DESeq normalized read counts)
Time (hours)

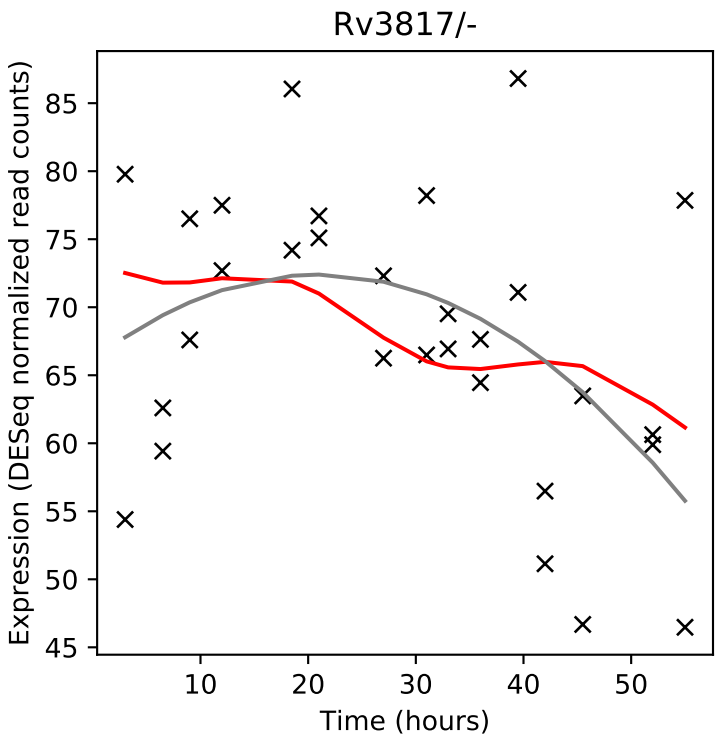

Rv3804c/fbpA
Rv3805c/aftB
Rv3806c/ubiA
Rv3807c/-
Rv3808c/glfT2
Rv3809c/glf
Rv3810/pirG
Rv3811/-
Rv3812/PE_PGRS62
Expression (DESeq normalized read counts)
Time (hours)

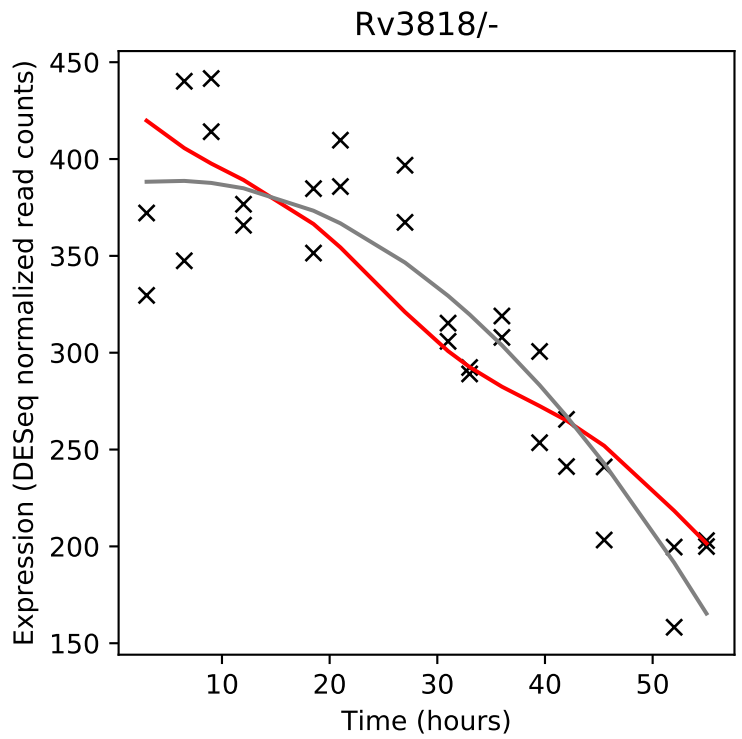

Rv3813c/-
Expression (DESeq normalized read counts)
Time (hours)

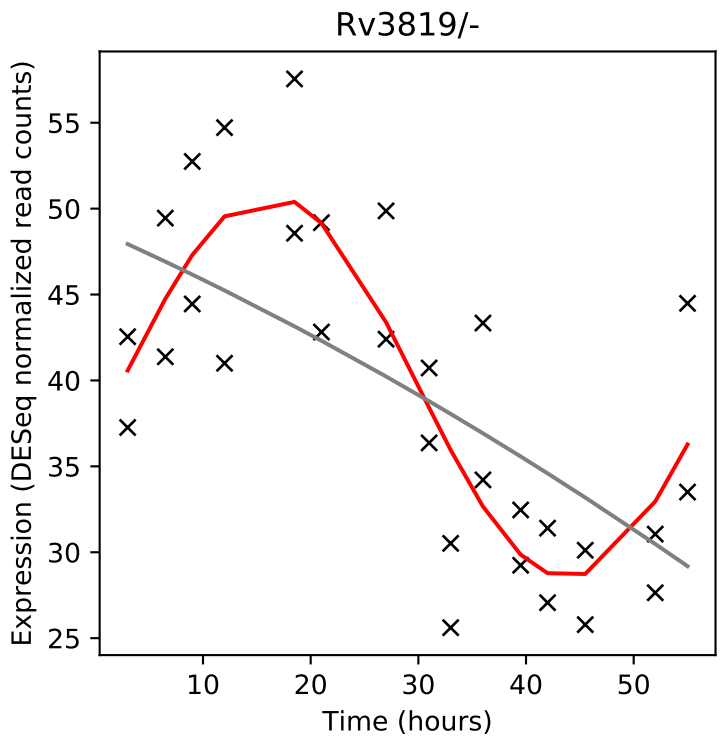

Rv3814c/-
Expression (DESeq normalized read counts)
Time (hours)

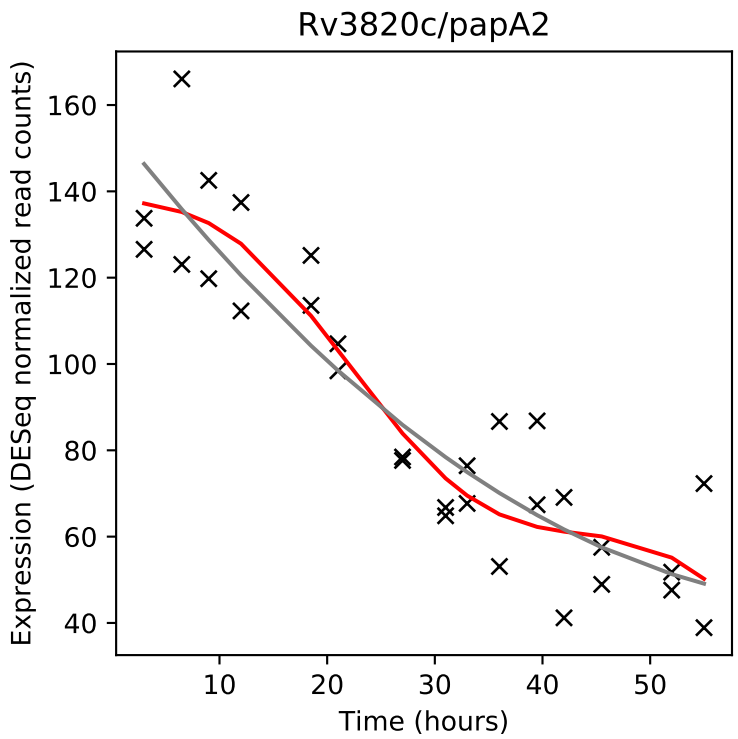

Rv3815c/-
Expression (DESeq normalized read counts)
Time (hours)

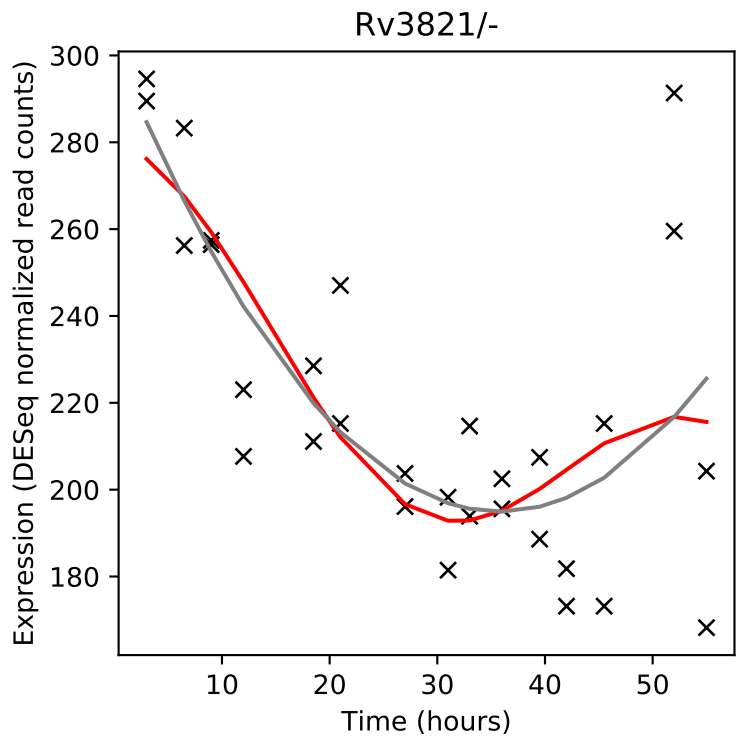

Rv3816c/-
Expression (DESeq normalized read counts)
Time (hours)

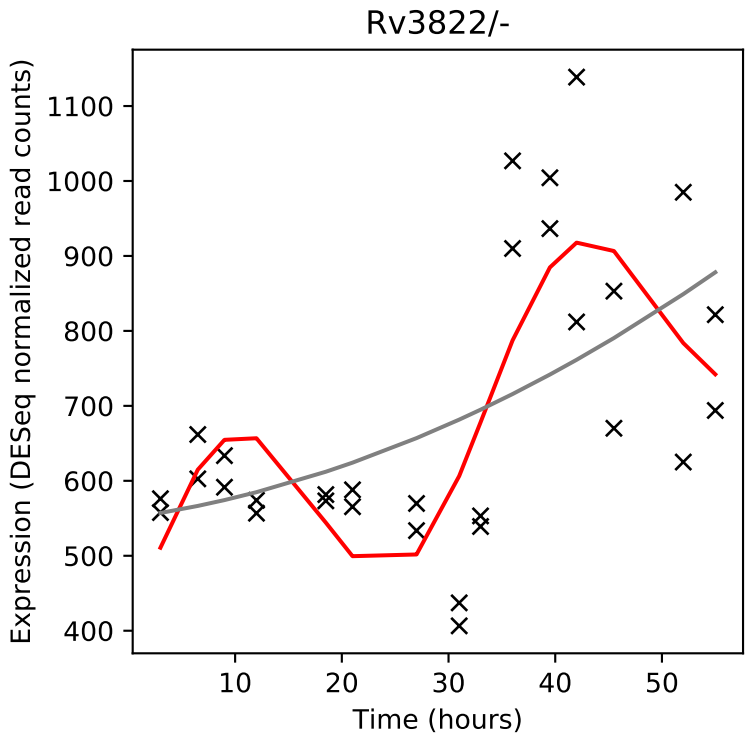

Rv3817/-
Expression (DESeq normalized read counts)
Time (hours)

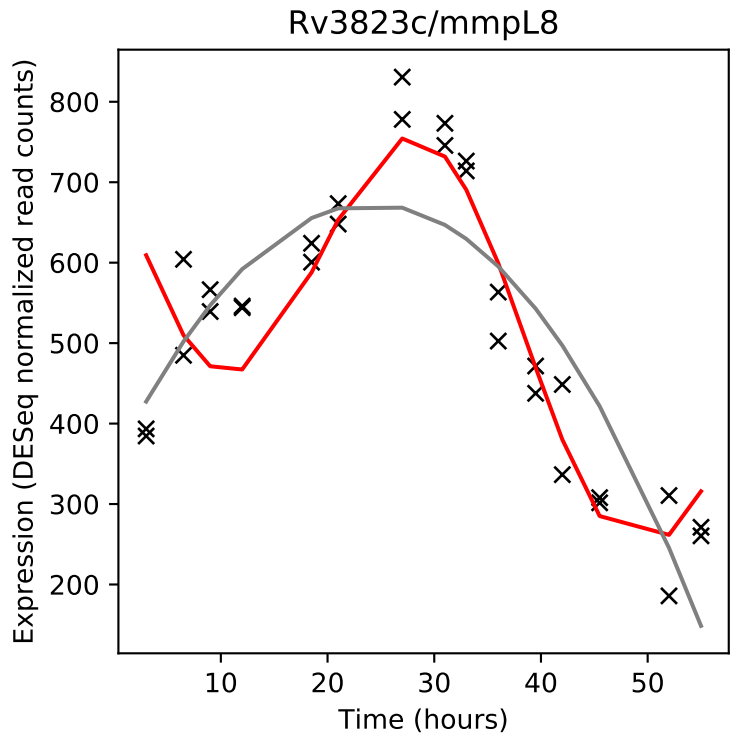

Rv3818/-
Expression (DESeq normalized read counts)
Time (hours)

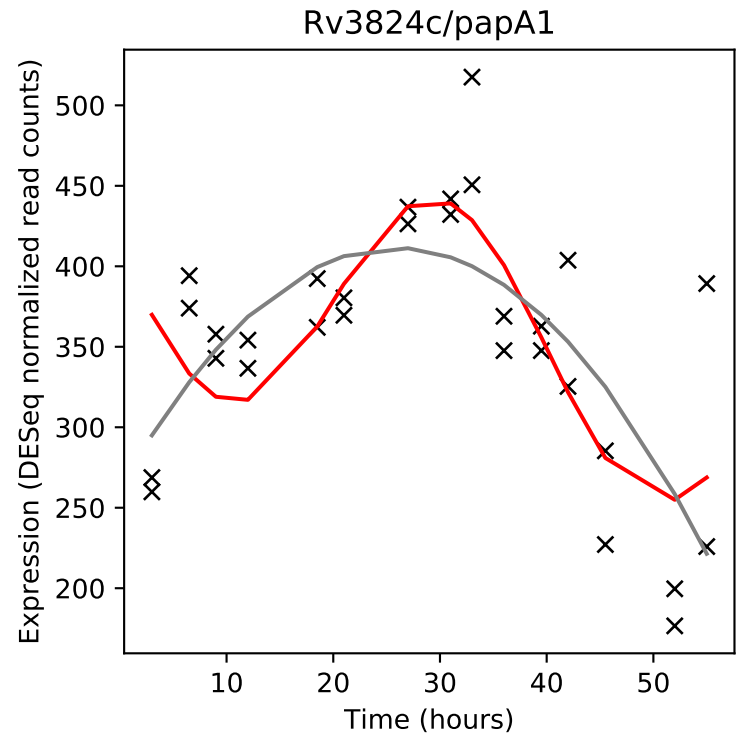

Rv3819/-
Expression (DESeq normalized read counts)
Time (hours)

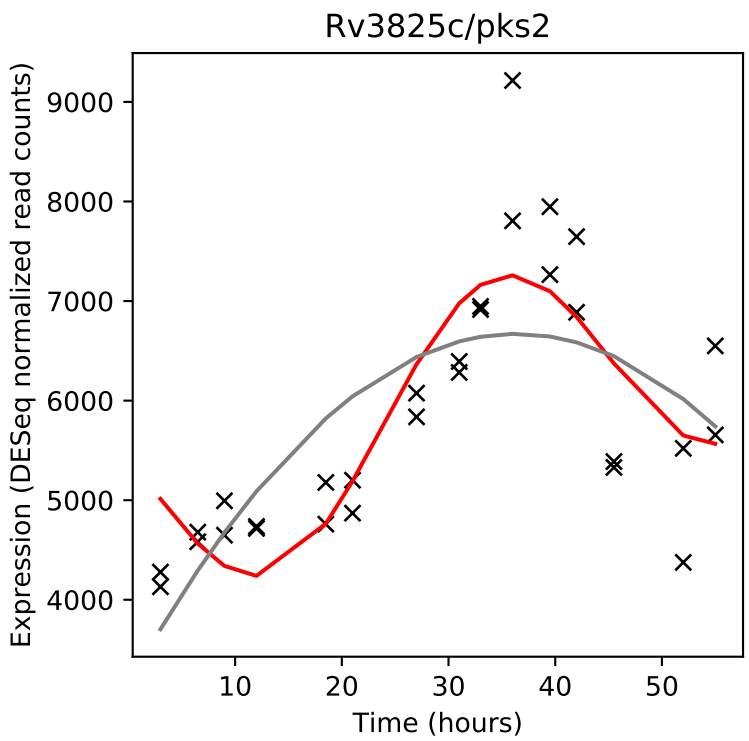

Rv3820c/papA2
Expression (DESeq normalized read counts)
Time (hours)

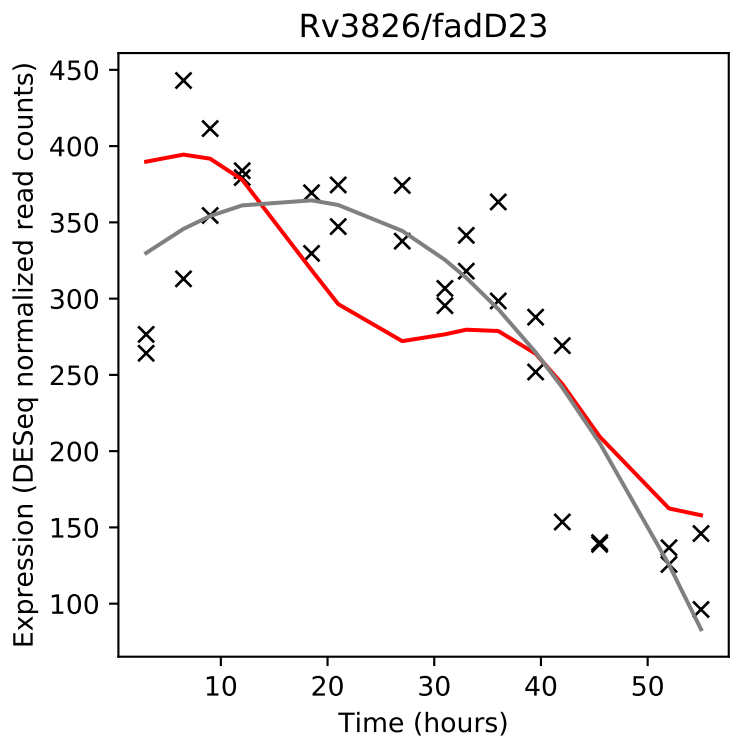

Rv3821/-
Expression (DESeq normalized read counts)
Time (hours)

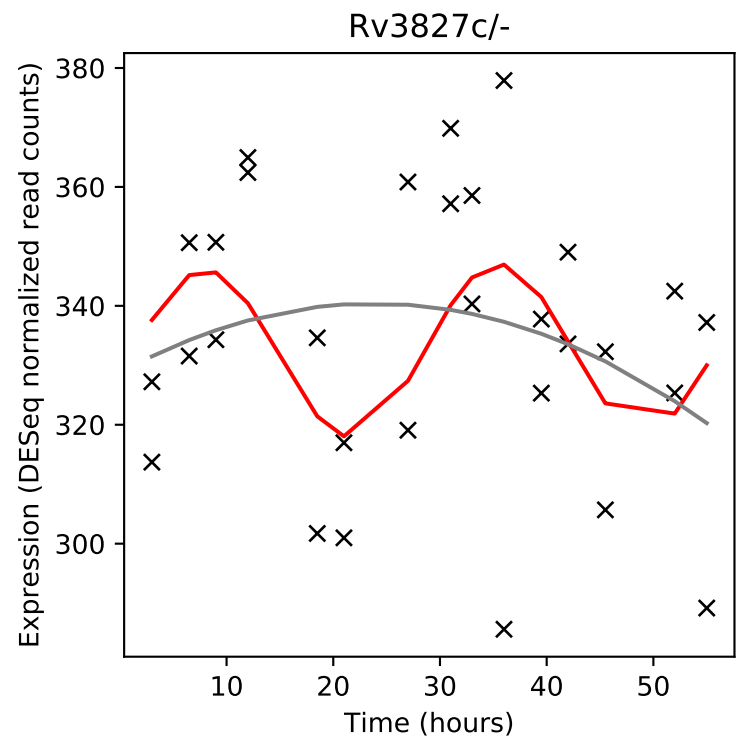

Rv3822/-
Expression (DESeq normalized read counts)
Time (hours)

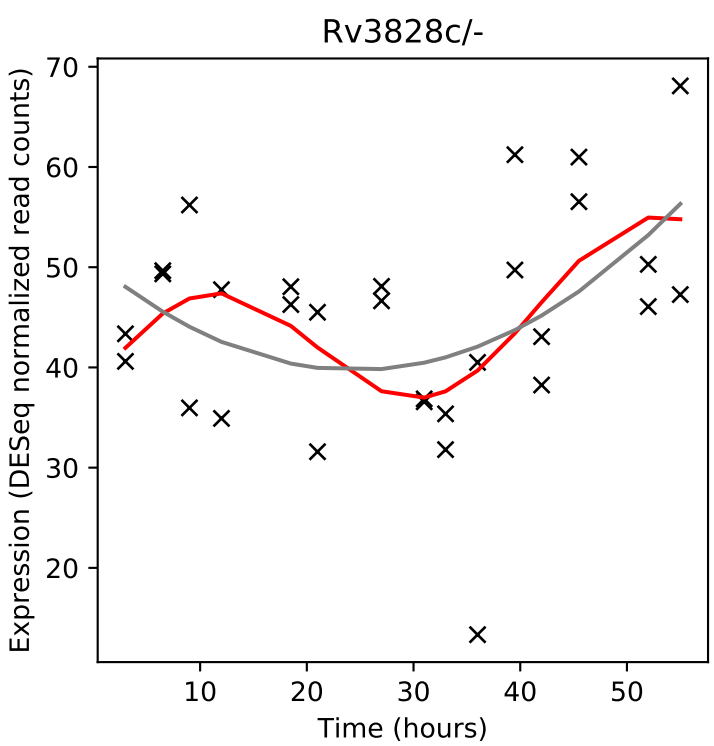

Rv3823c/mmpL8
Expression (DESeq normalized read counts)
Time (hours)

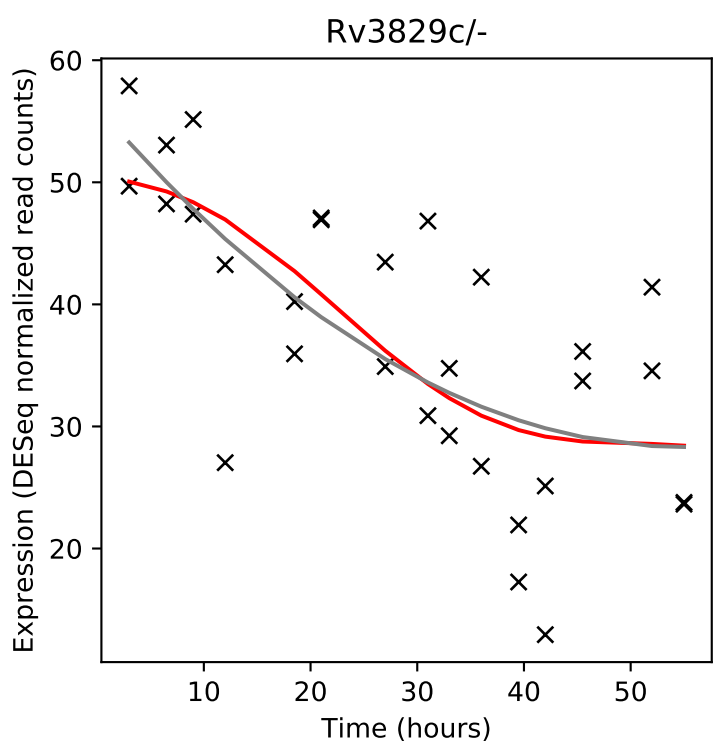

Rv3824c/papA1
Expression (DESeq normalized read counts)
Time (hours)

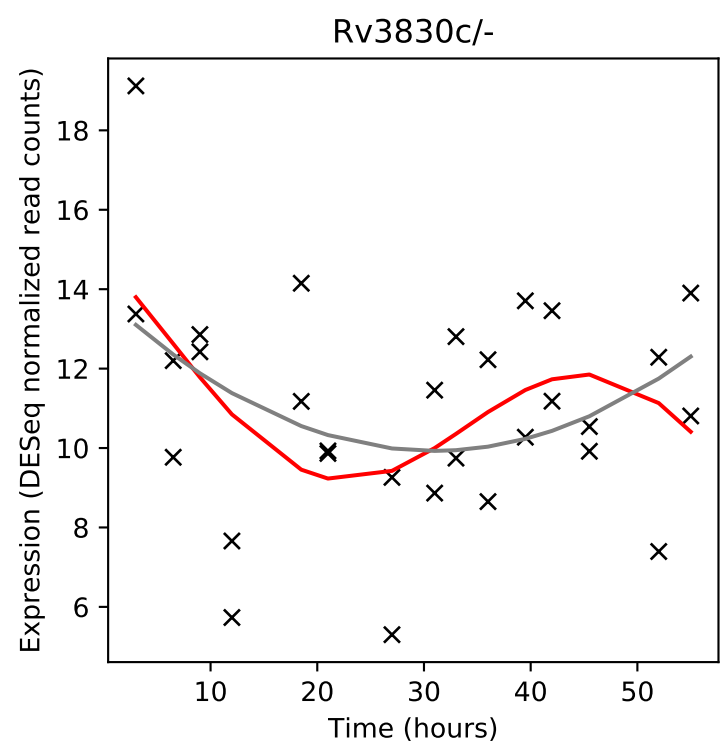

Rv3825c/pks2
Expression (DESeq normalized read counts)
Time (hours)

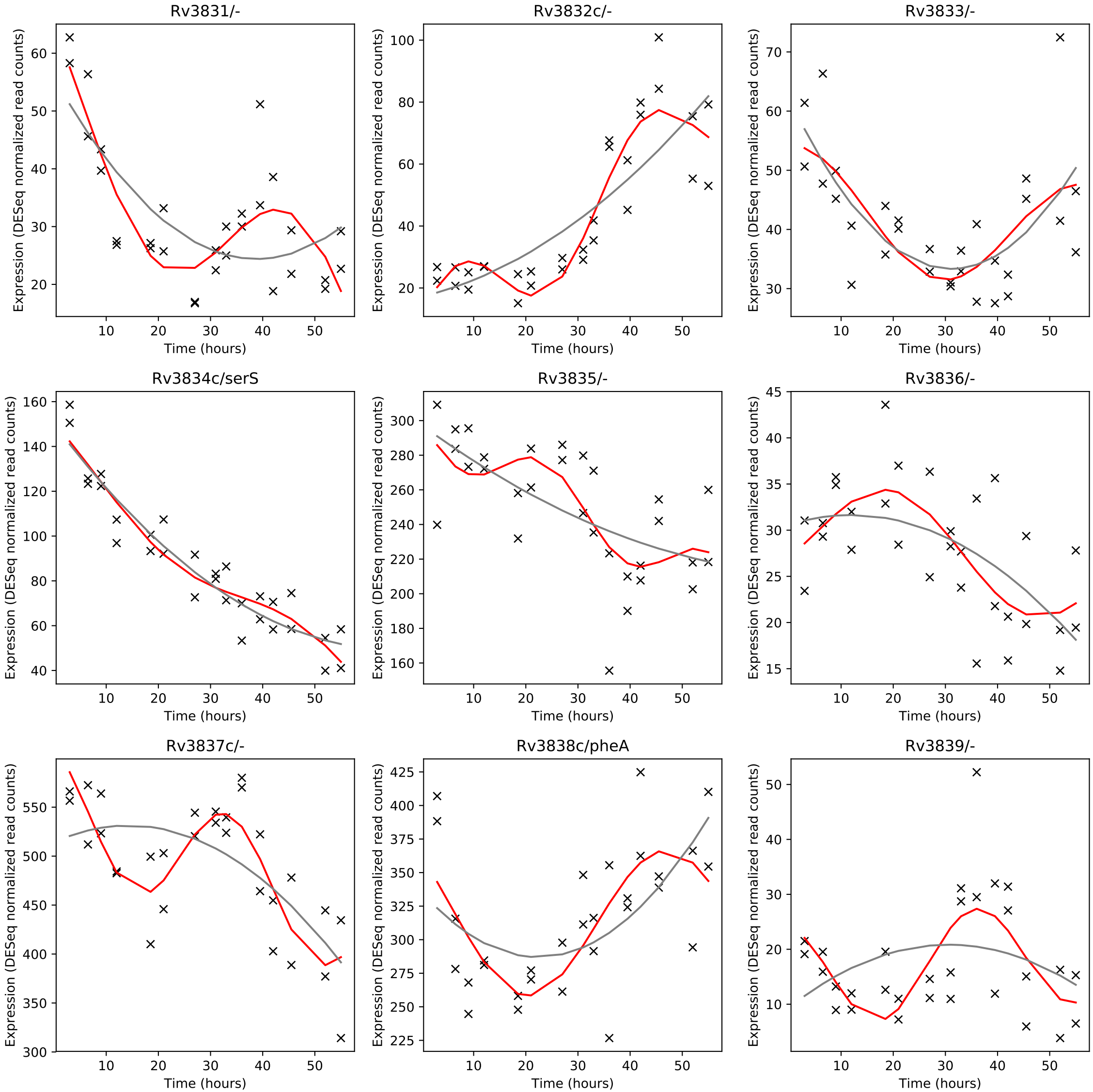

Rv3826/fadD23
Expression (DESeq normalized read counts)
Time (hours)

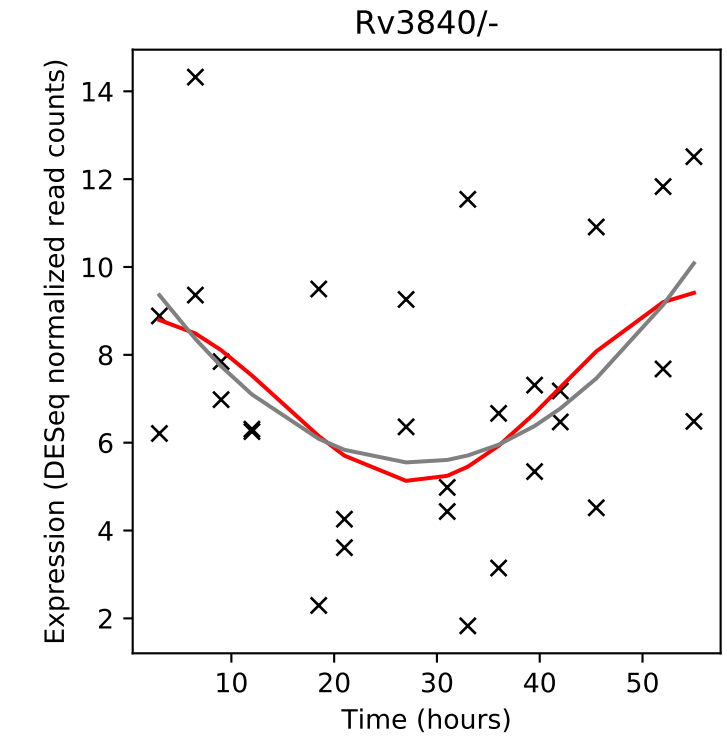

Rv3827c/-
Expression (DESeq normalized read counts)
Time (hours)

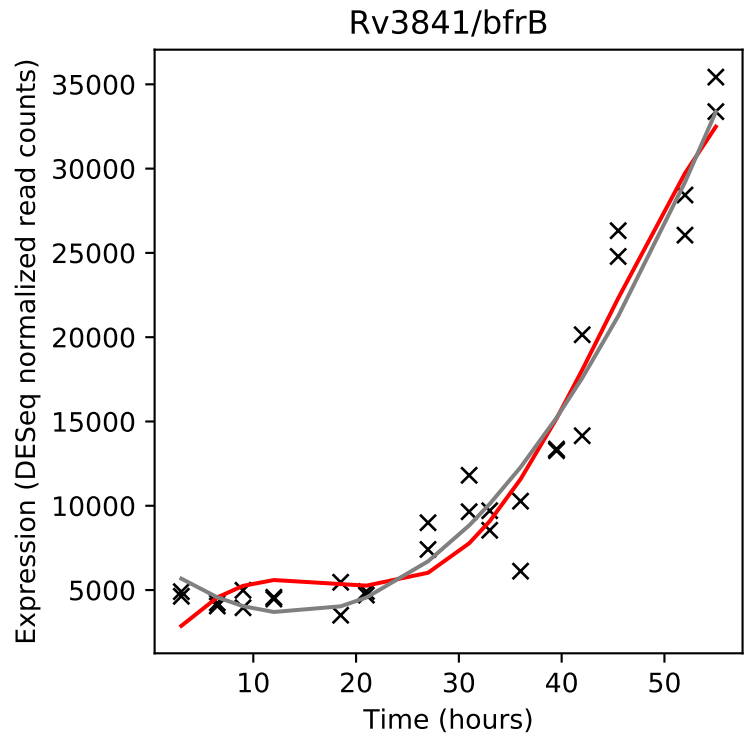

Rv3828c/-
Expression (DESeq normalized read counts)
Time (hours)

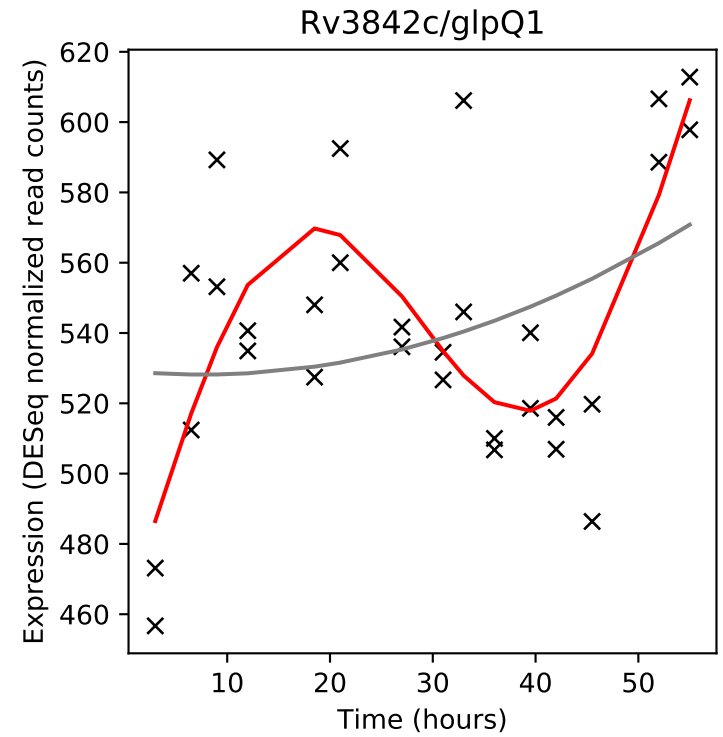

Rv3829c/-
Expression (DESeq normalized read counts)
Time (hours)

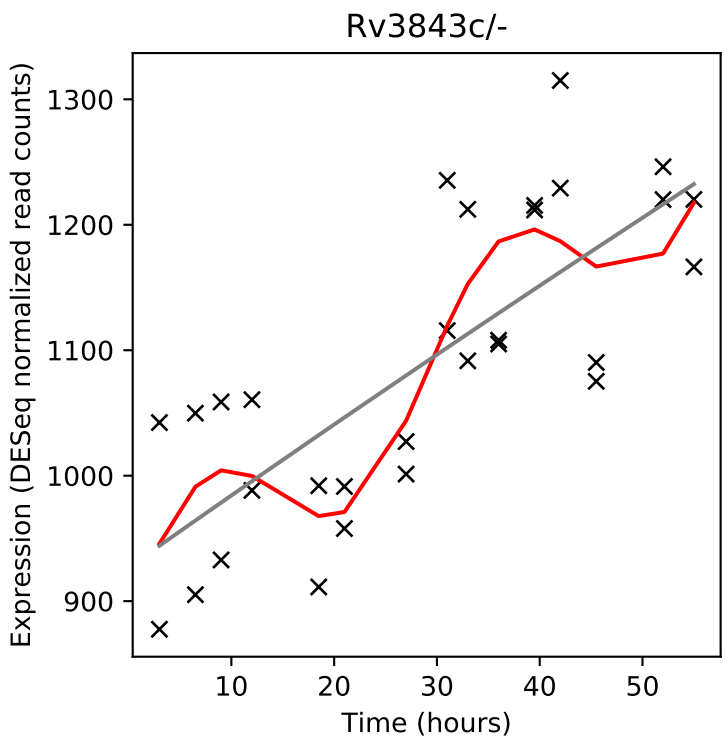

Rv3830c/-
Expression (DESeq normalized read counts)
Time (hours)

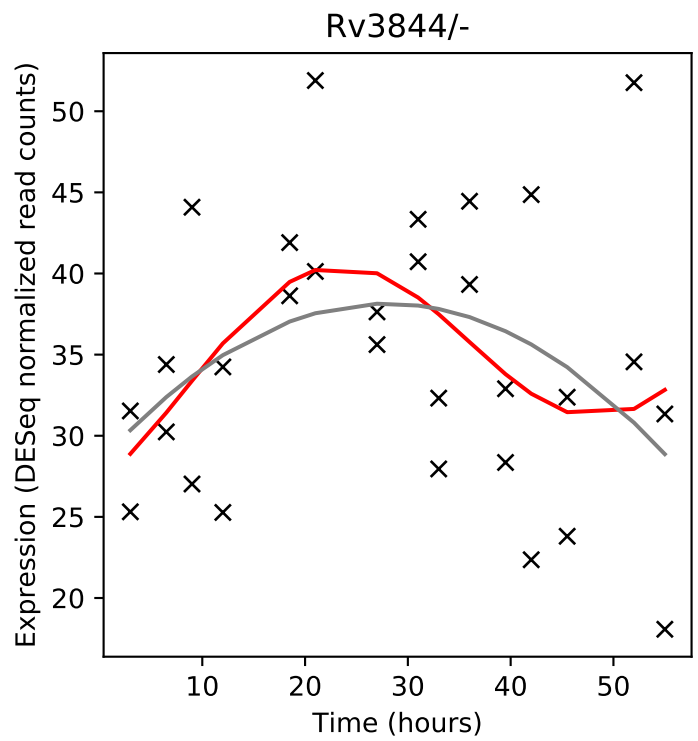

Rv3831/-
Rv3832c/-
Rv3833/-
Rv3834c/serS
Rv3835/-
Rv3836/-
Rv3837c/-
Rv3838c/pheA
Rv3839/-
Expression (DESeq normalized read counts)
Time (hours)

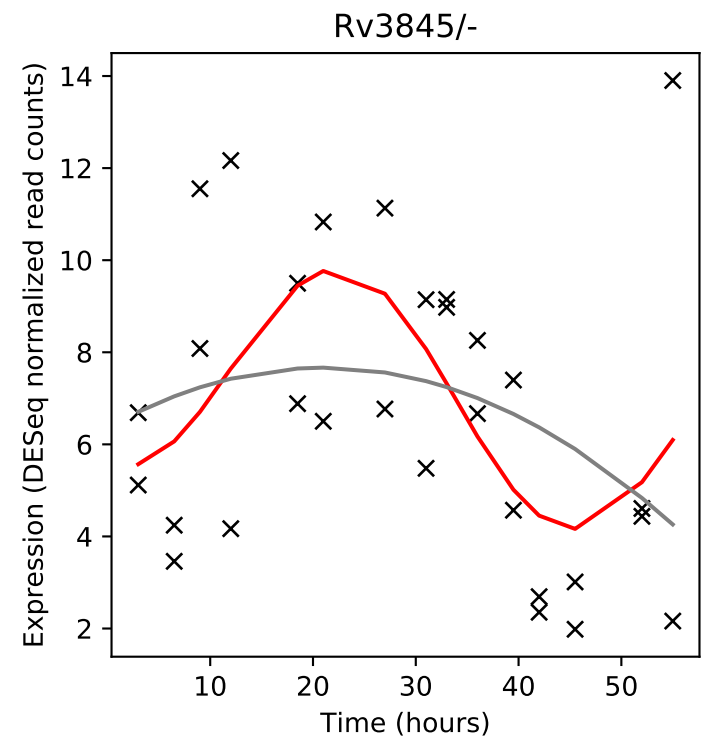

Rv3840/-
Expression (DESeq normalized read counts)
Time (hours)

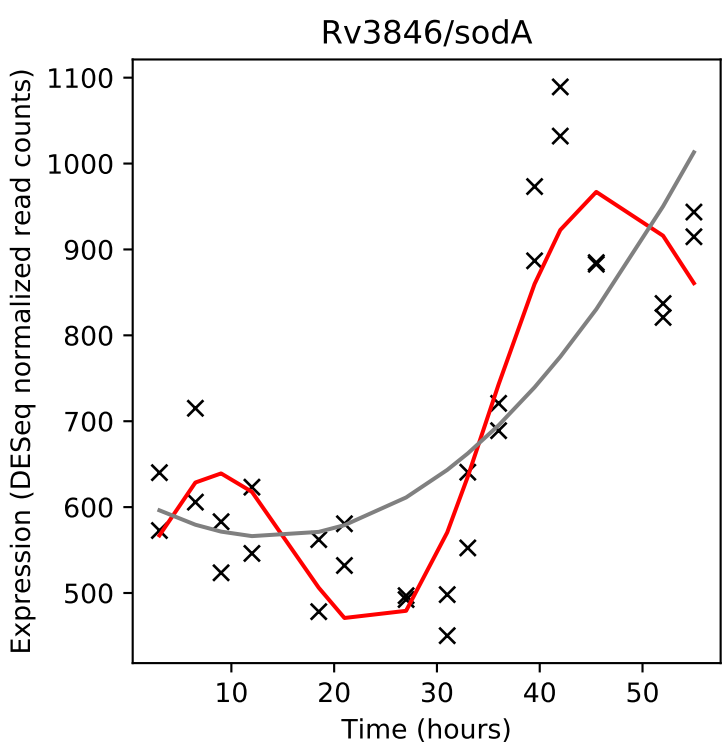

Rv3841/bfrB
Expression (DESeq normalized read counts)
Time (hours)

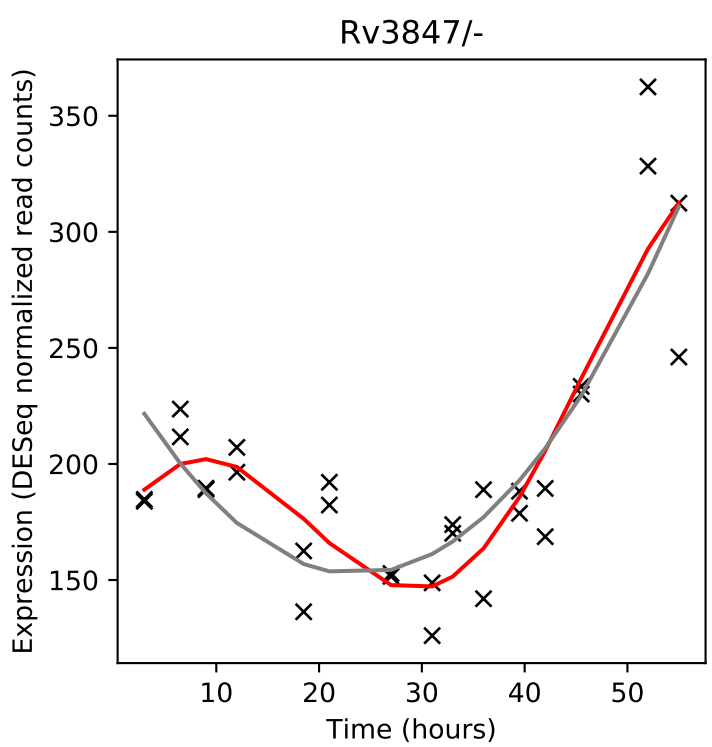

Rv3842c/glpQ1
Expression (DESeq normalized read counts)
Time (hours)

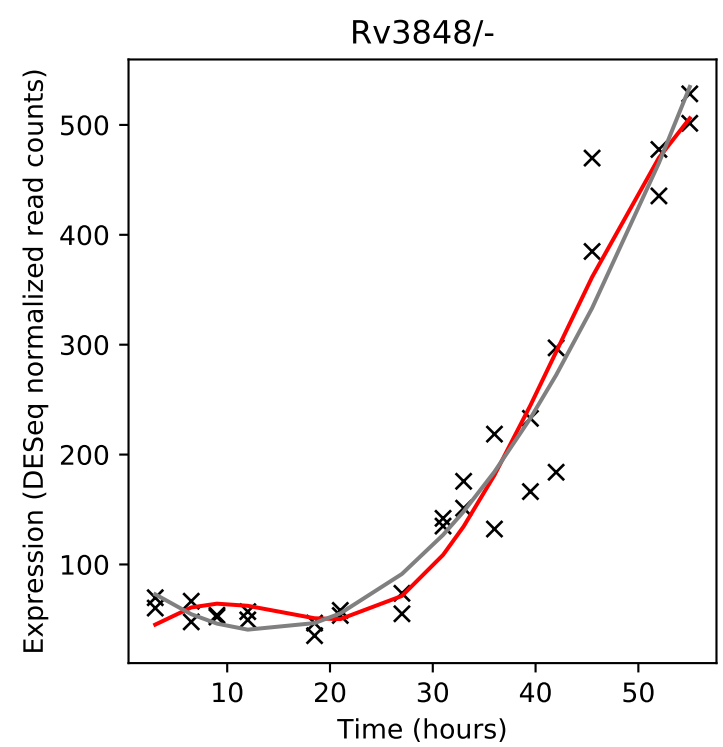

Rv3843c/-
Expression (DESeq normalized read counts)
Time (hours)

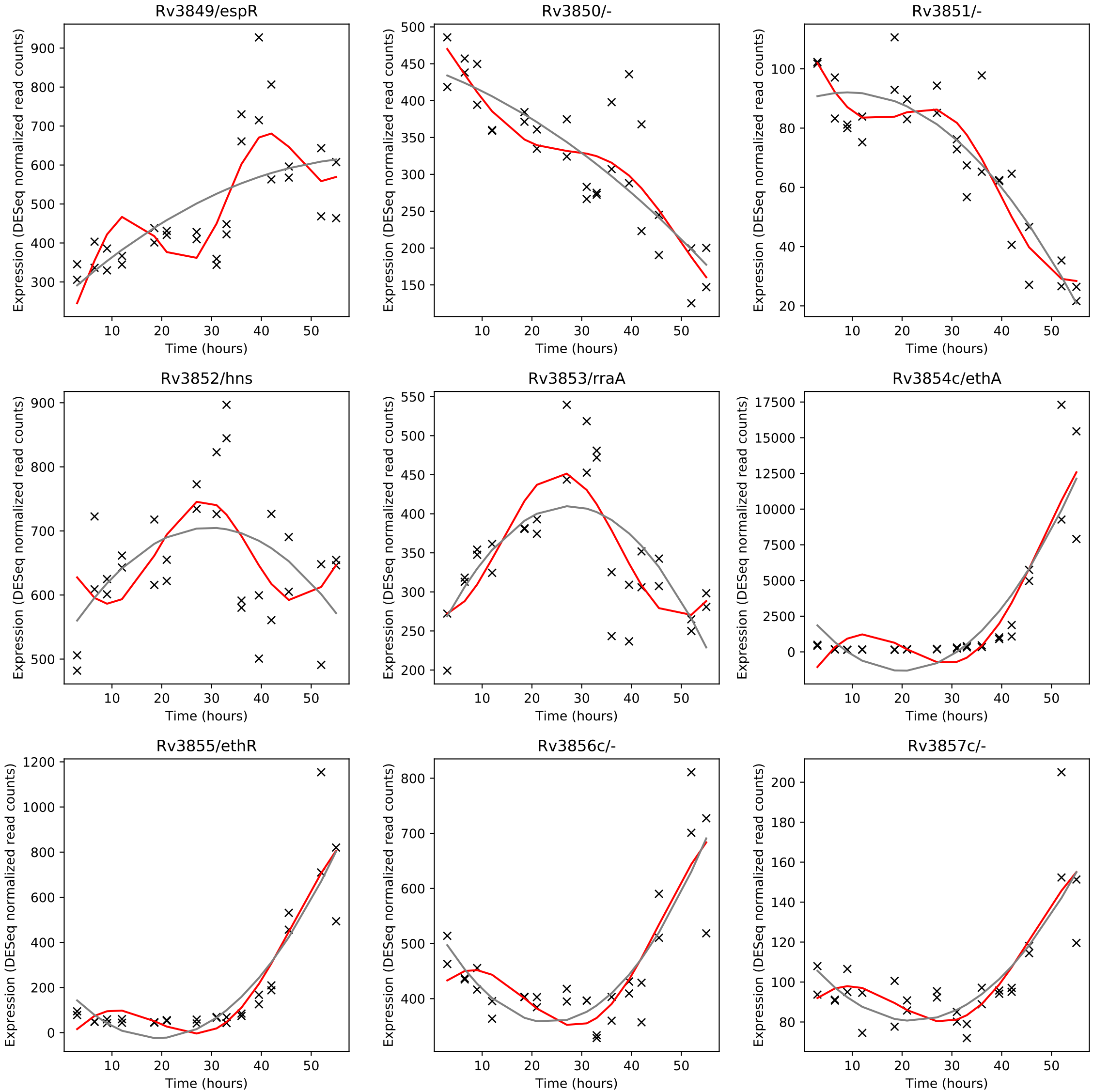

Rv3844/-
Expression (DESeq normalized read counts)
Time (hours)

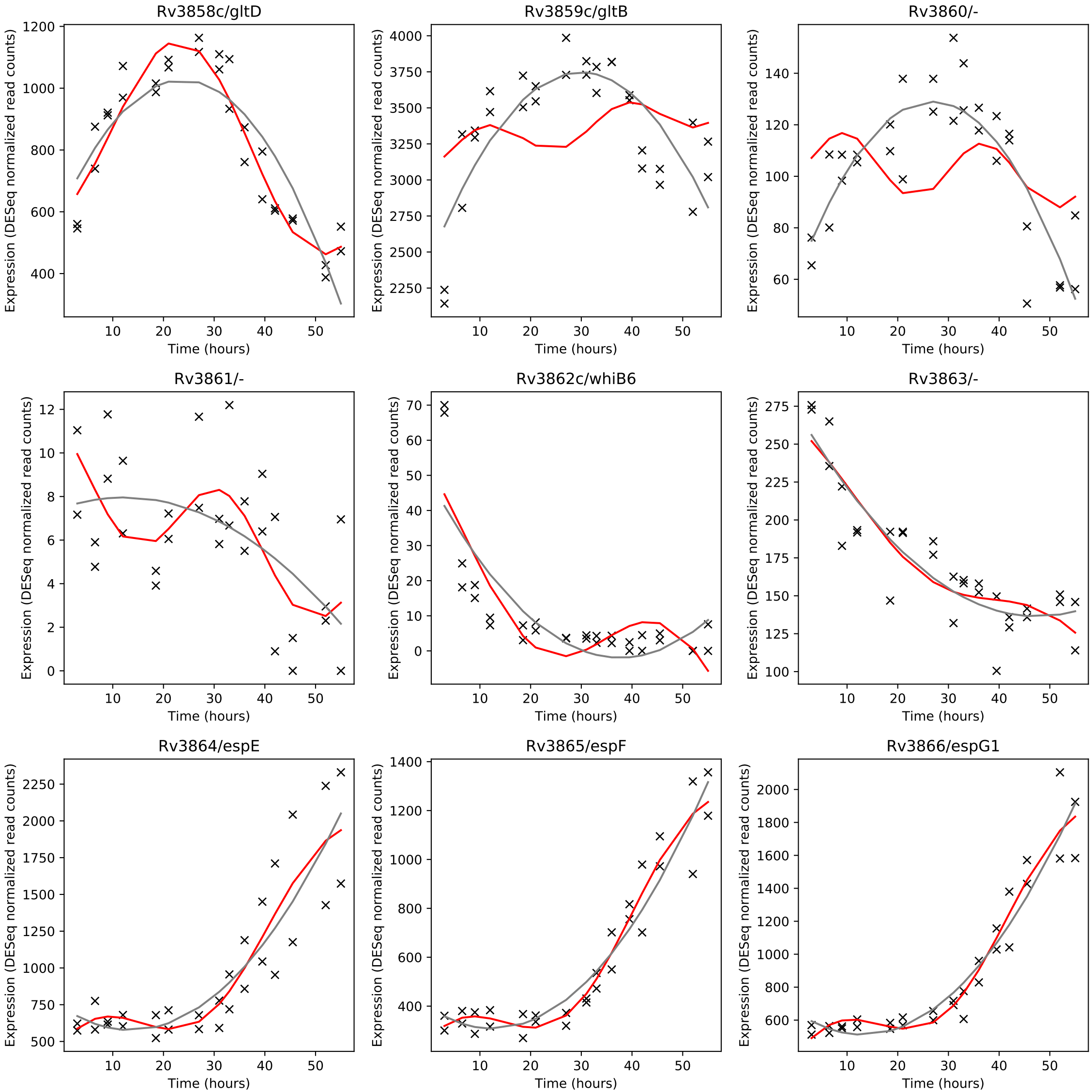

Rv3845/-
Expression (DESeq normalized read counts)
Time (hours)

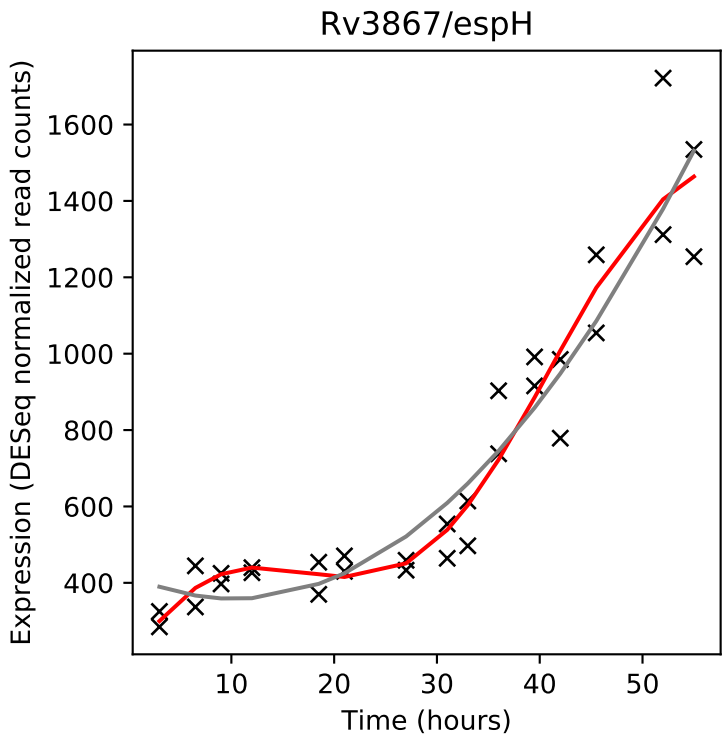

Rv3846/sodA
Expression (DESeq normalized read counts)
Time (hours)

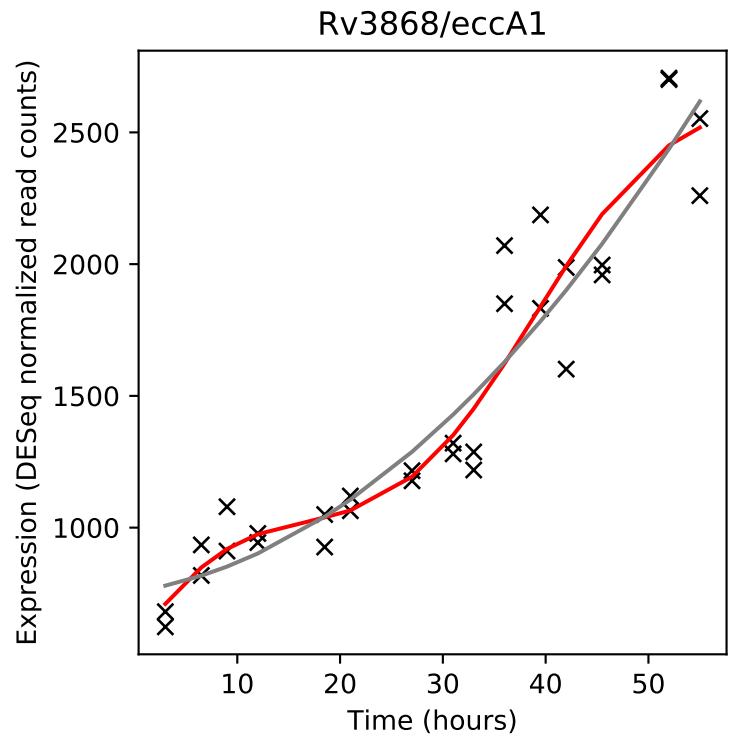

Rv3847/-
Expression (DESeq normalized read counts)
Time (hours)

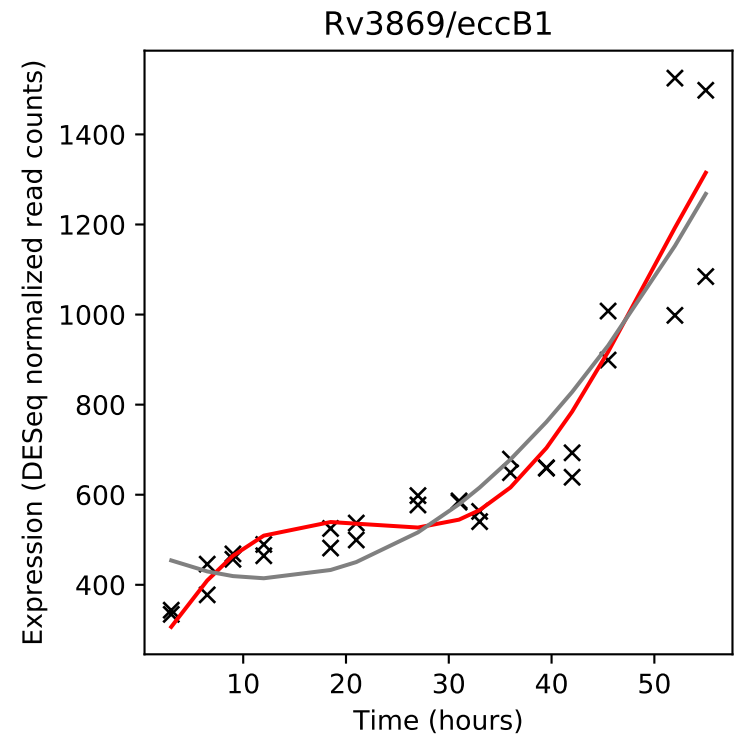

Rv3848/-
Expression (DESeq normalized read counts)
Time (hours)

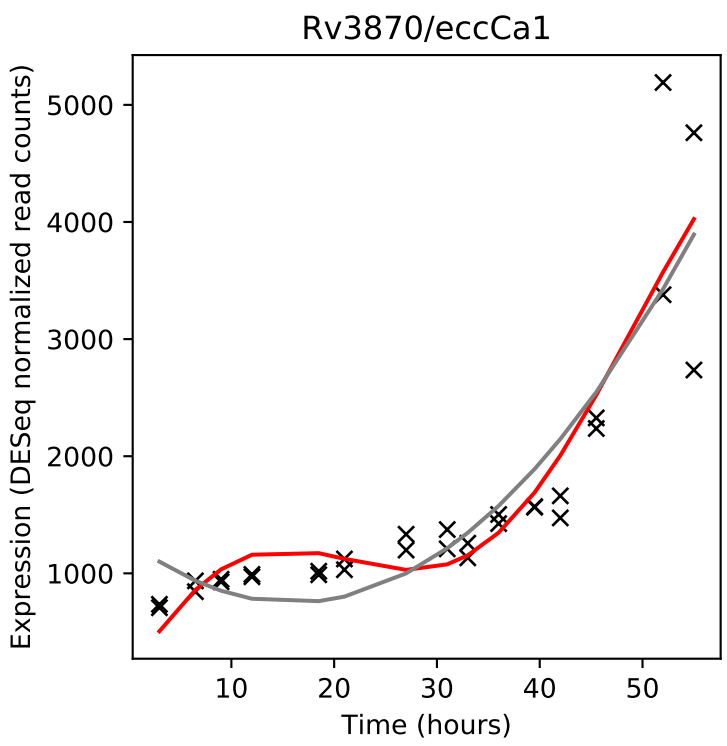

Rv3849/espR
Rv3850/-
Rv3851/-
Rv3852/hns
Rv3853/rraA
Rv3854c/ethA
Rv3855/ethR
Rv3856c/-
Rv3857c/-
Expression (DESeq normalized read counts)
Time (hours)

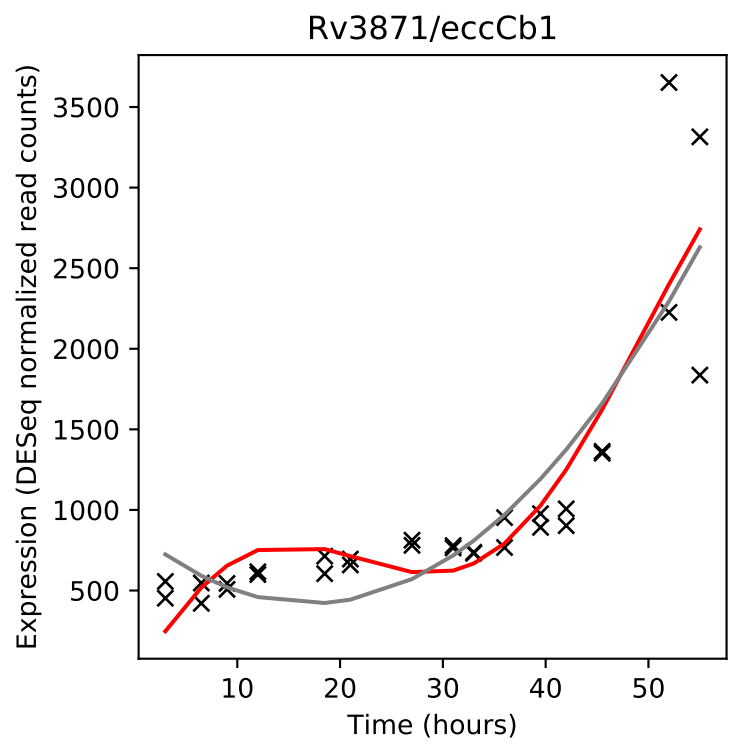

Rv3858c/gltD
Rv3859c/gltB
Rv3860/-
Rv3861/-
Rv3862c/whiB6
Rv3863/-
Rv3864/espE
Rv3865/espF
Rv3866/espG1
Expression (DESeq normalized read counts)
Time (hours)

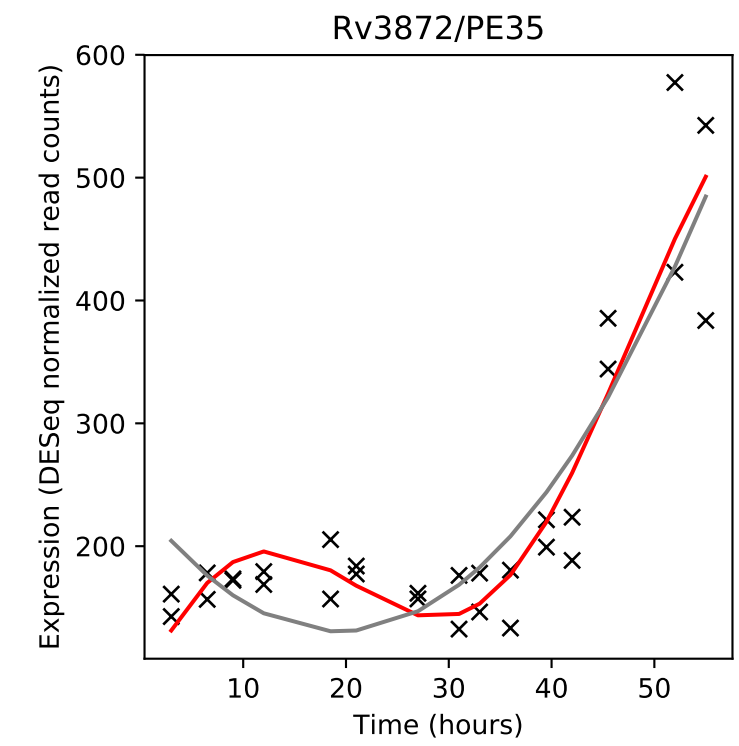

Rv3867/espH
Expression (DESeq normalized read counts)
Time (hours)

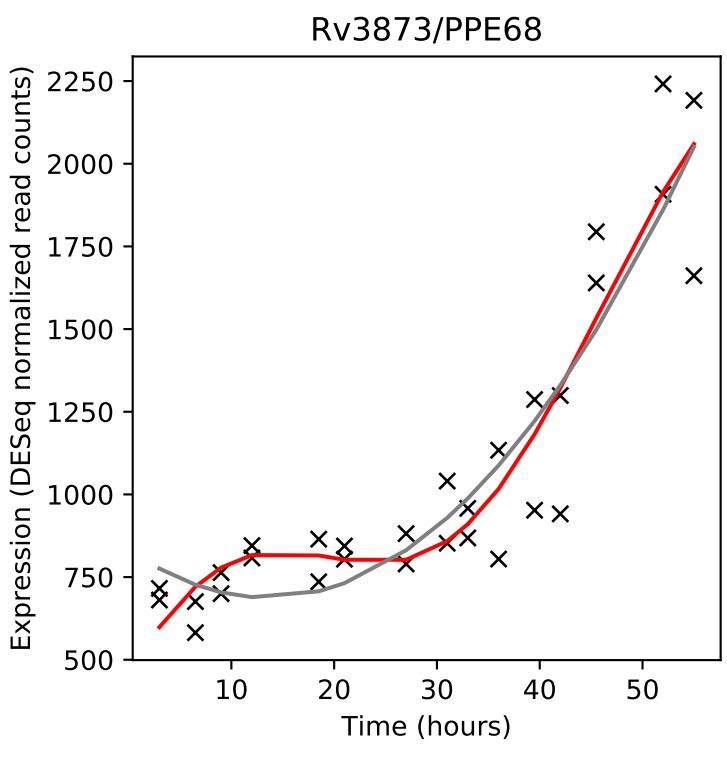

Rv3868/eccA1
Expression (DESeq normalized read counts)
Time (hours)

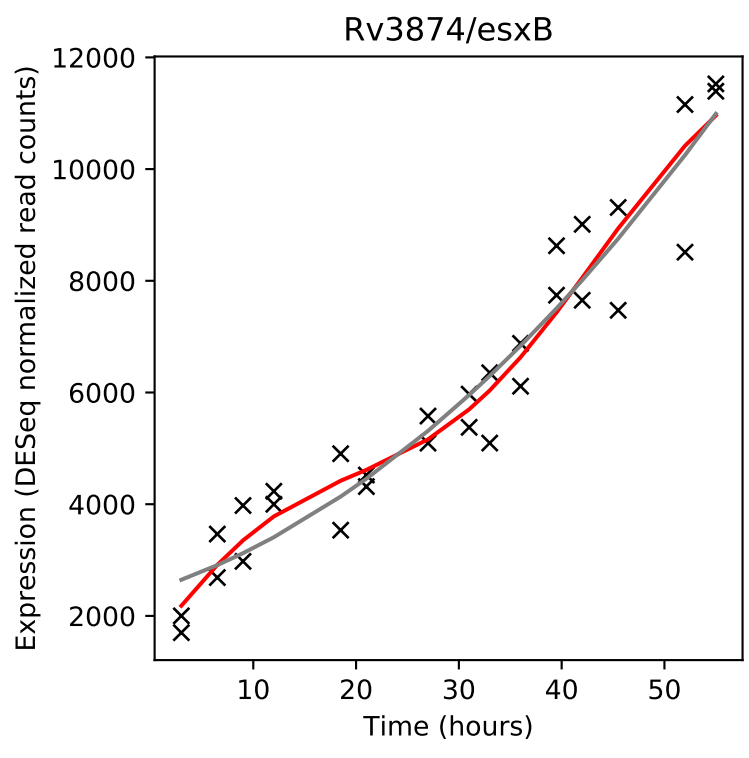

Rv3869/eccB1
Expression (DESeq normalized read counts)
Time (hours)

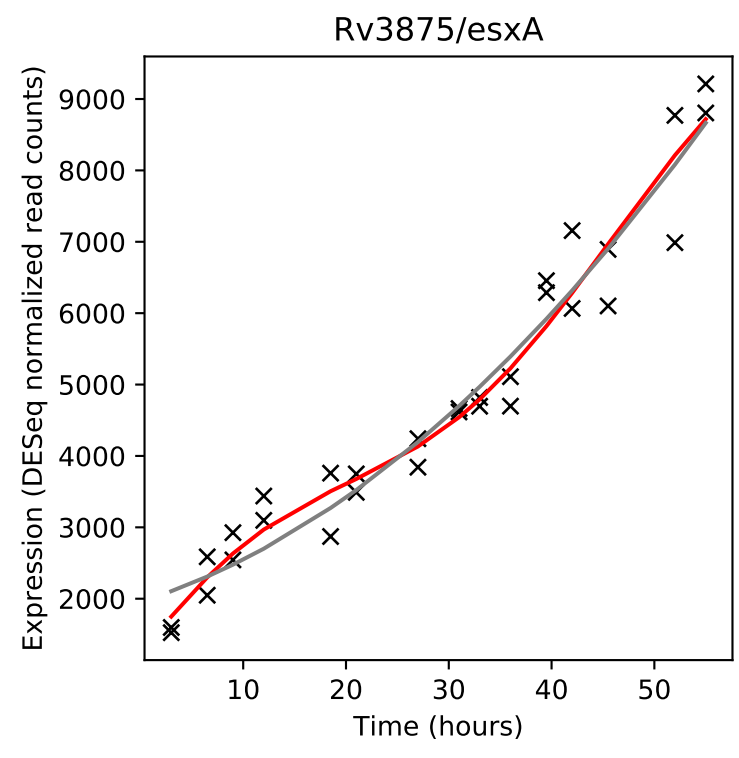

Rv3870/eccCa1
Expression (DESeq normalized read counts)
Time (hours)

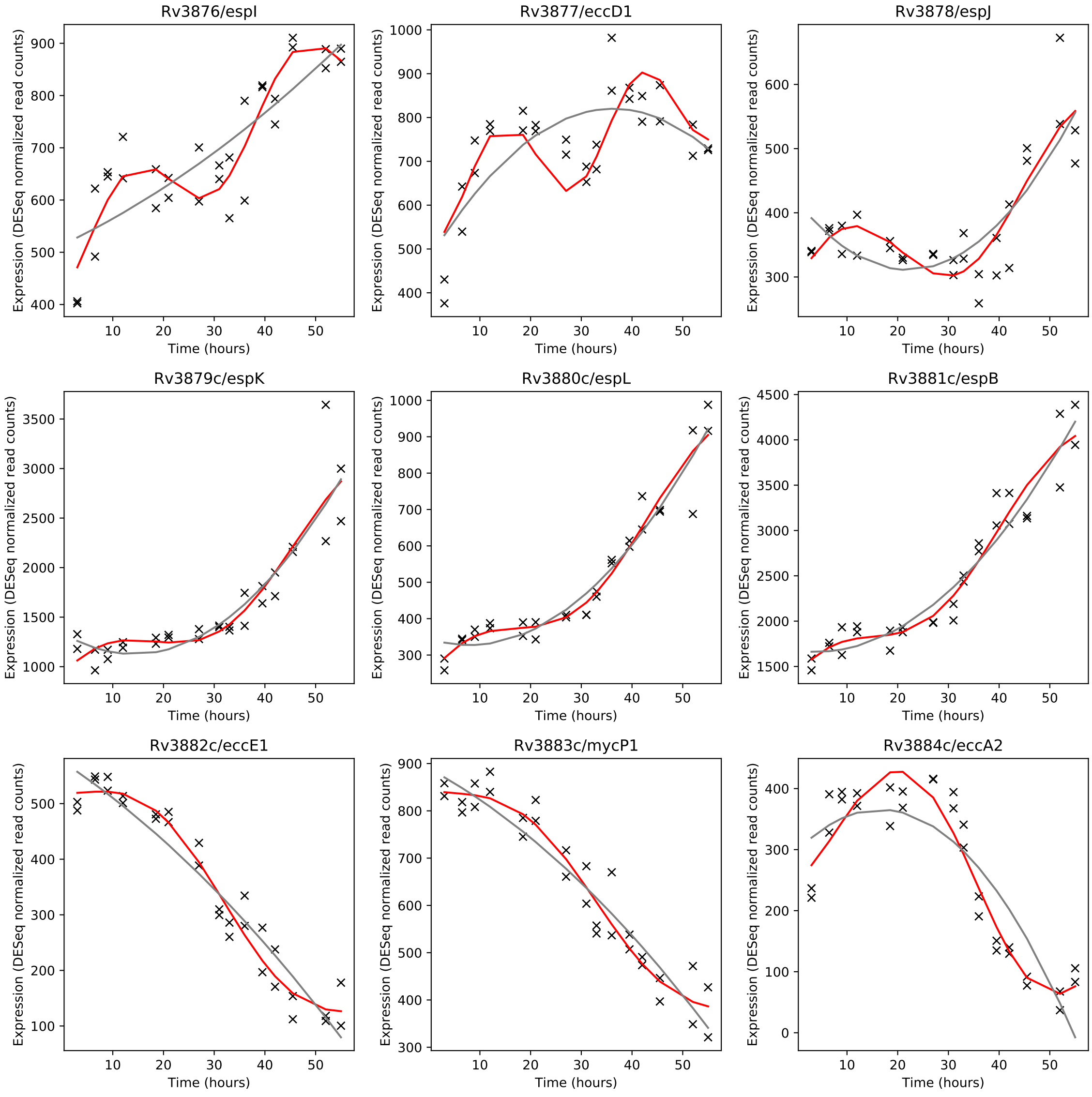

Rv3871/eccCb1
Expression (DESeq normalized read counts)
Time (hours)

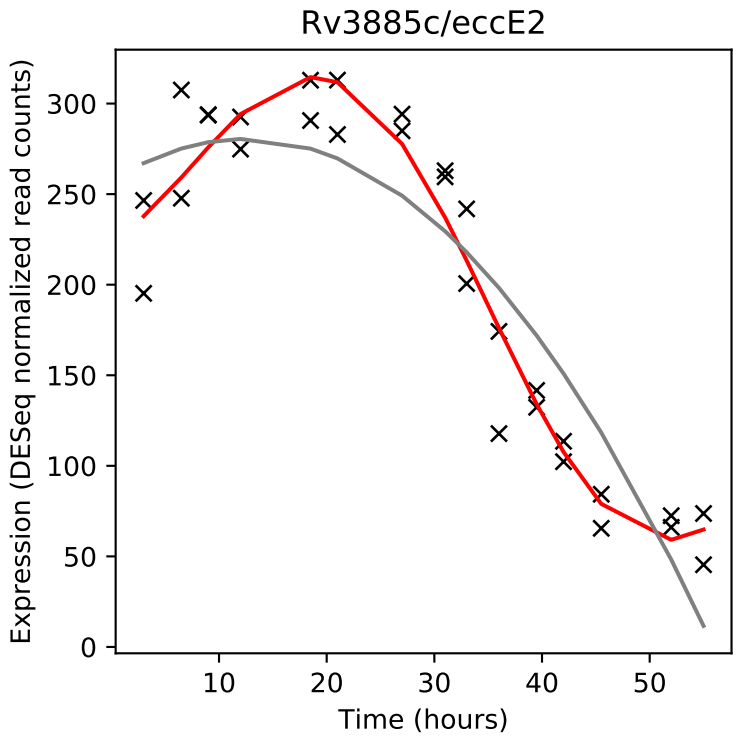

Rv3872/PE35
Expression (DESeq normalized read counts)
Time (hours)

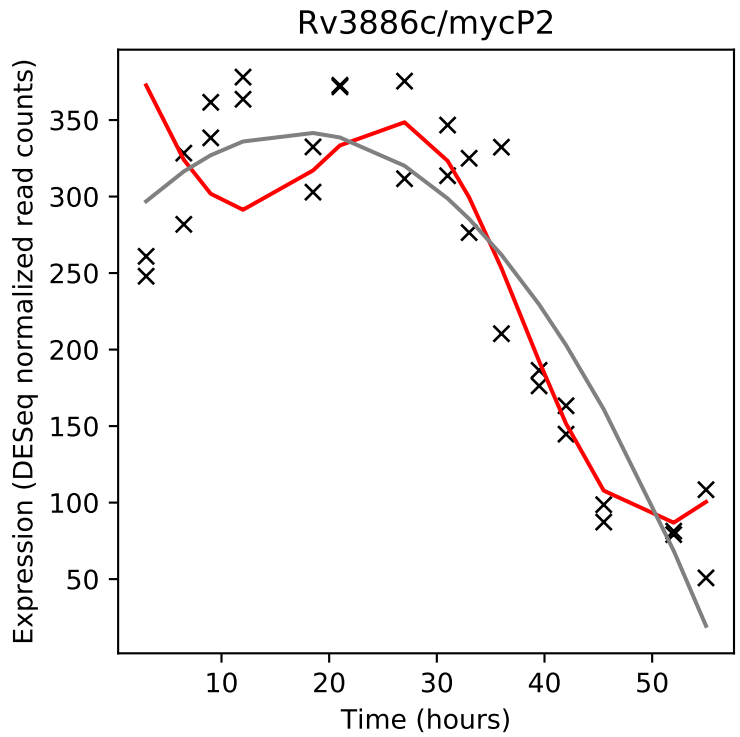

Rv3873/PPE68
Expression (DESeq normalized read counts)
Time (hours)

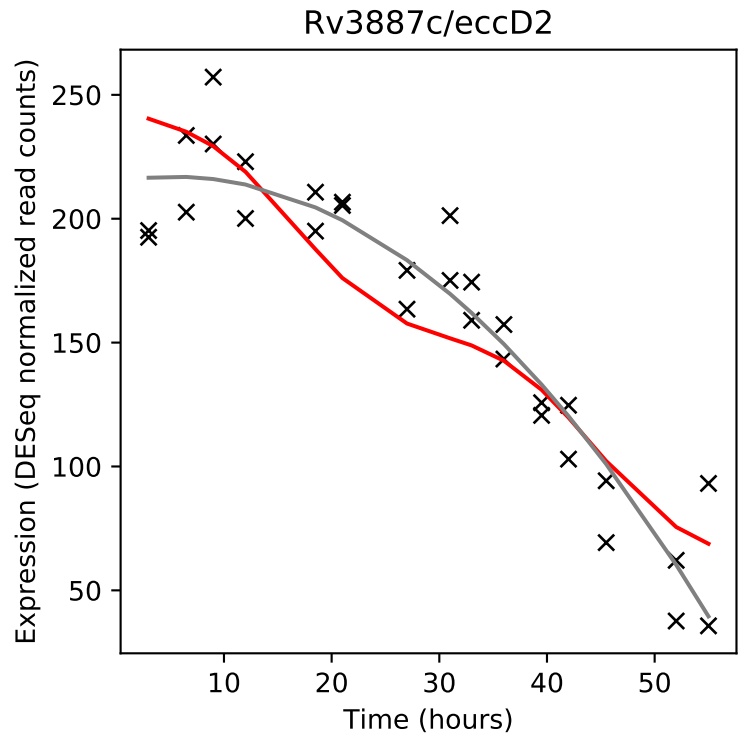

Rv3874/esxB
Expression (DESeq normalized read counts)
Time (hours)

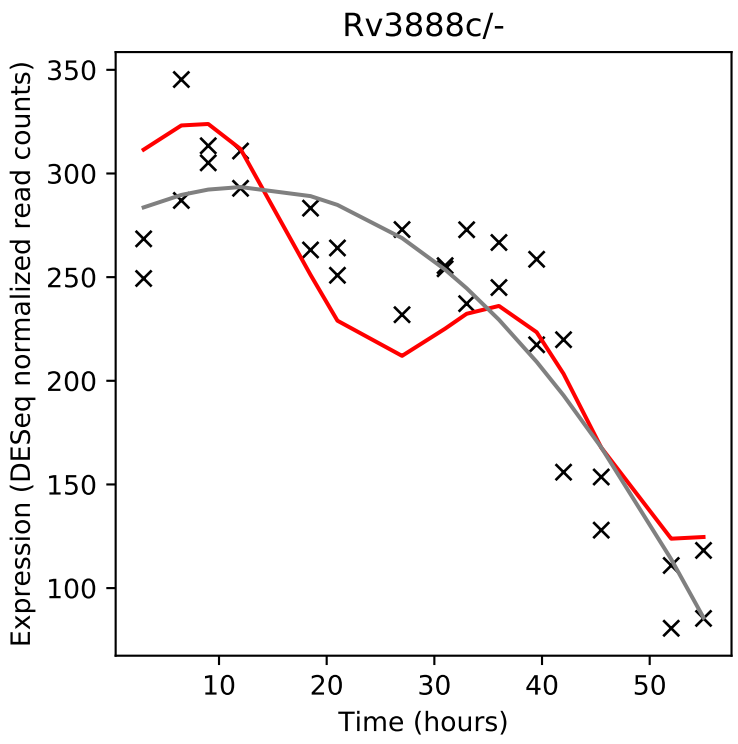

Rv3875/esxA
Expression (DESeq normalized read counts)
Time (hours)

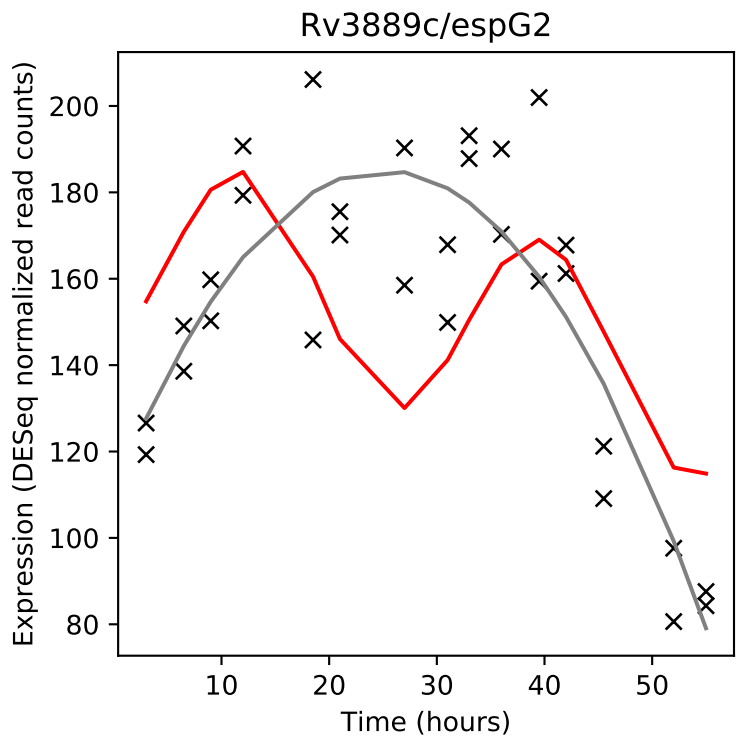

Rv3876/espI
Rv3877/eccD1
Rv3878/espJ
Rv3879c/espK
Rv3880c/espL
Rv3881c/espB
Rv3882c/eccE1
Rv3883c/mycP1
Rv3884c/eccA2
Expression (DESeq normalized read counts)
Time (hours)

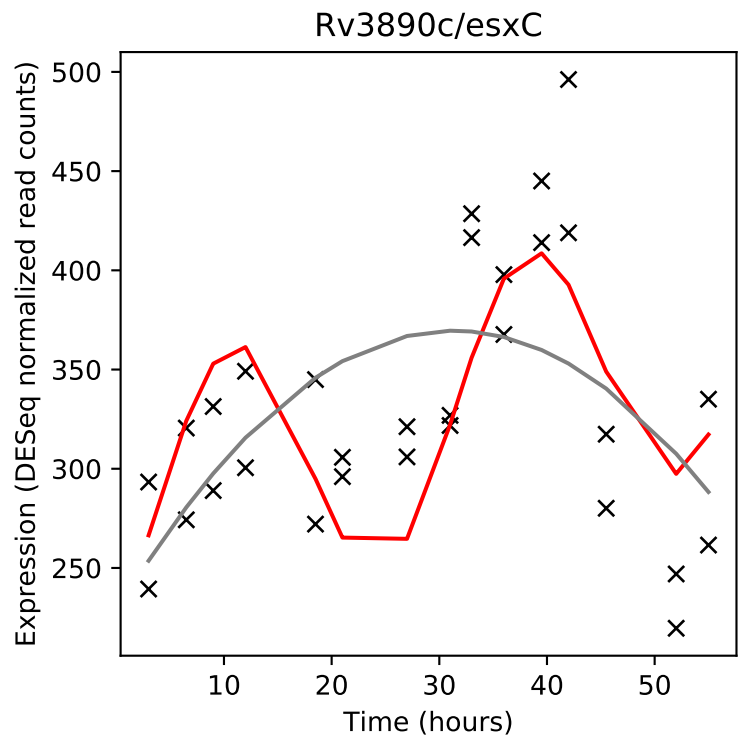

Rv3885c/eccE2
Expression (DESeq normalized read counts)
Time (hours)

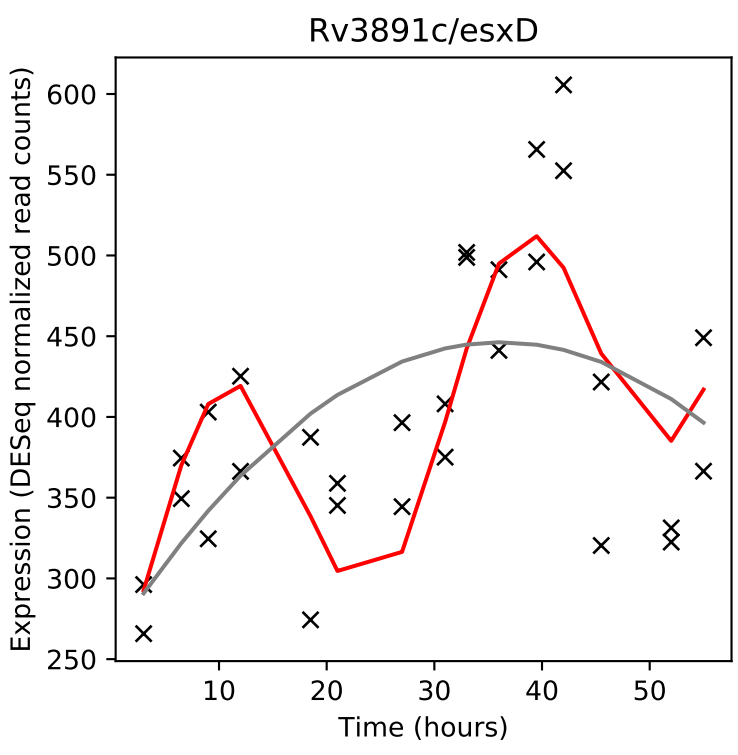

Rv3886c/mycP2
Expression (DESeq normalized read counts)
Time (hours)

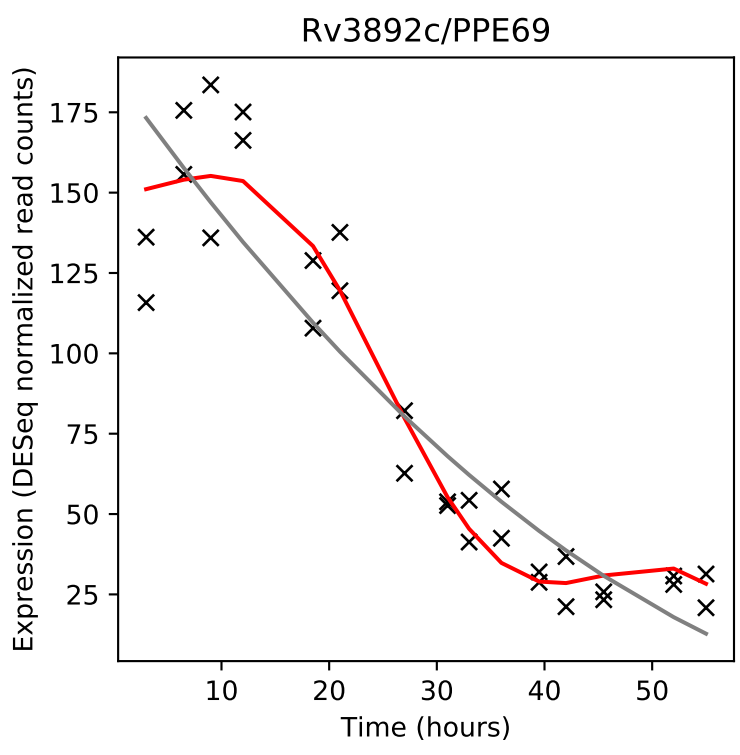

Rv3887c/eccD2
Expression (DESeq normalized read counts)
Time (hours)

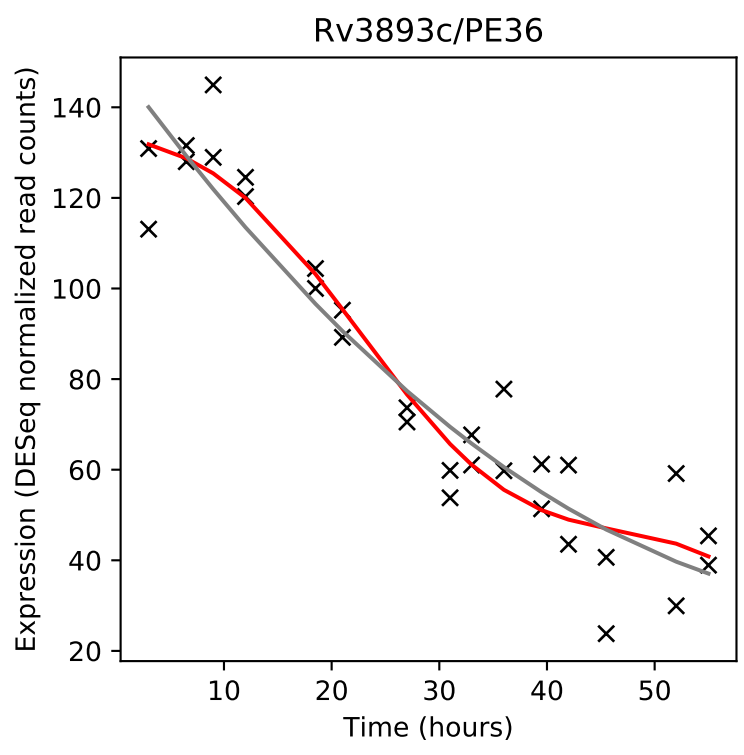

Rv3888c/-
Expression (DESeq normalized read counts)
Time (hours)

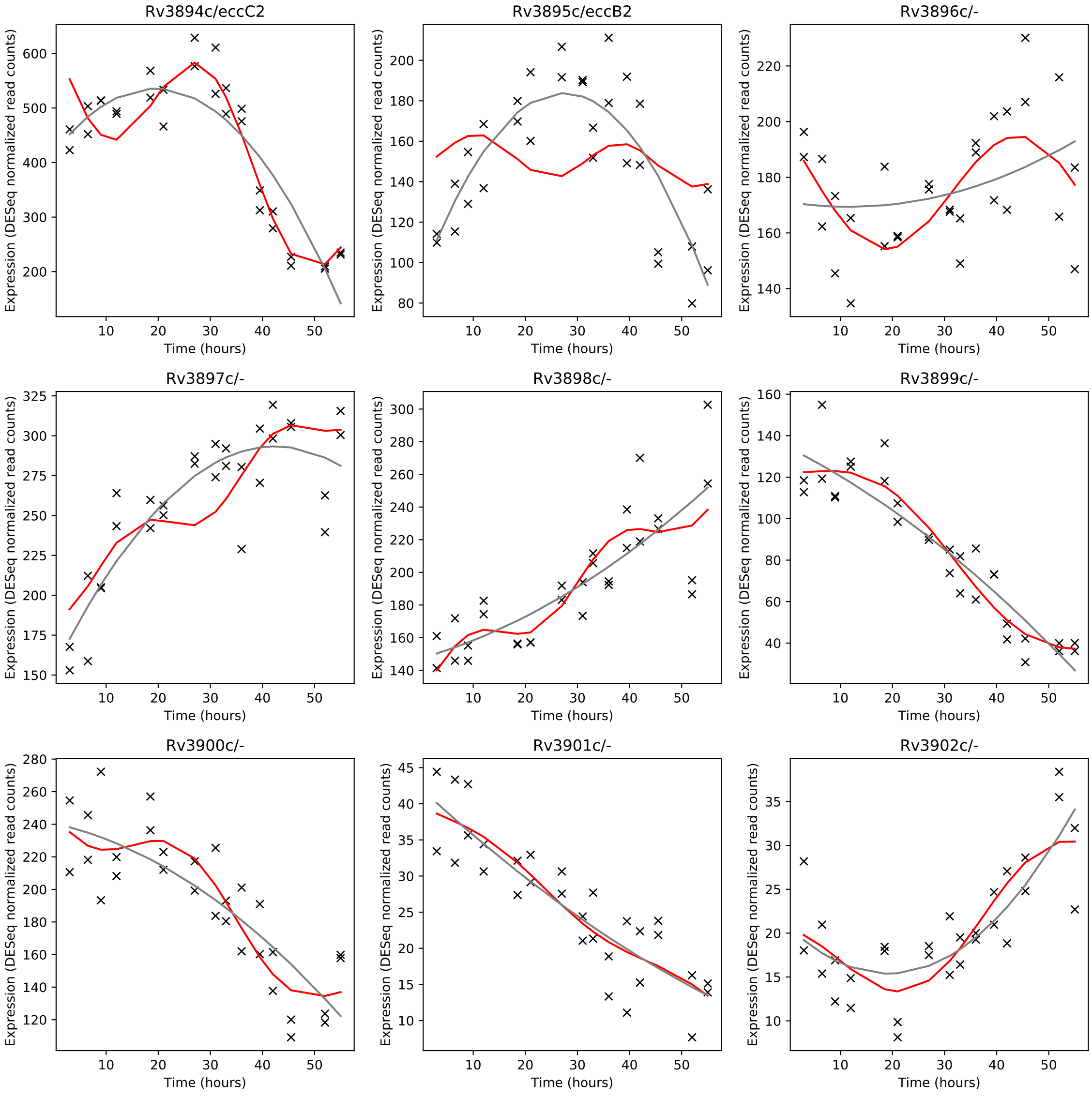

Rv3889c/espG2
Expression (DESeq normalized read counts)
Time (hours)

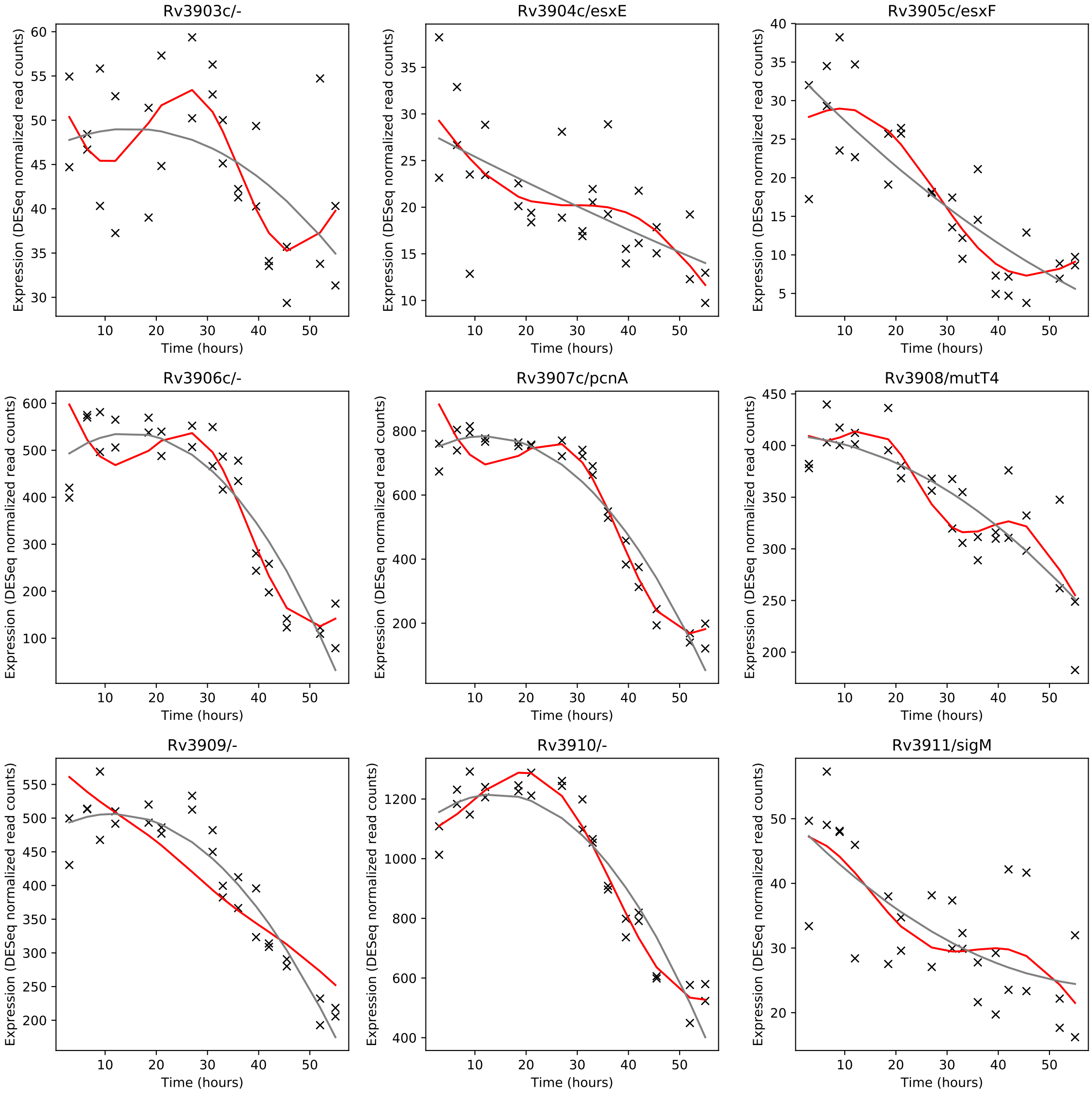

Rv3890c/esxC
Expression (DESeq normalized read counts)
Time (hours)

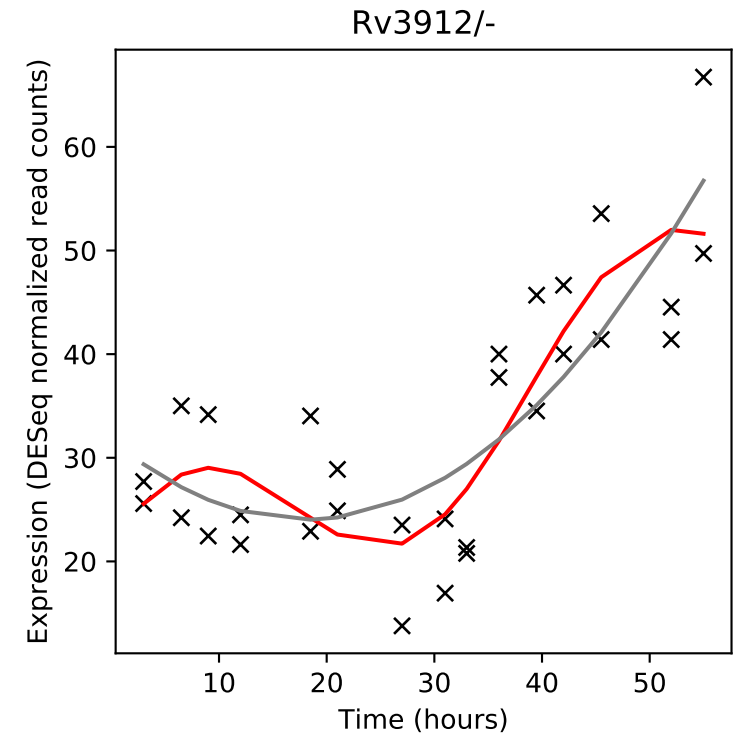

Rv3891c/esxD
Expression (DESeq normalized read counts)
Time (hours)

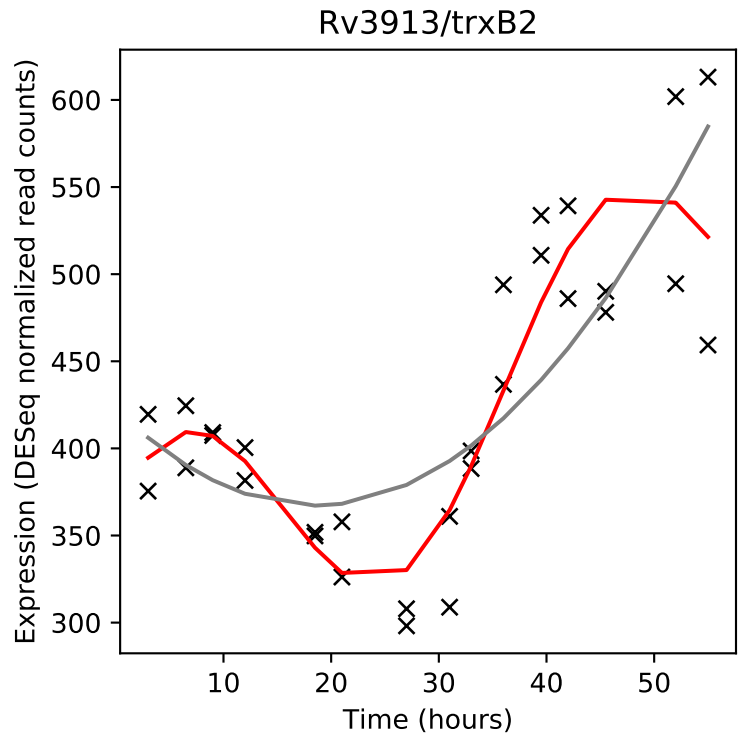

Rv3892c/PPE69
Expression (DESeq normalized read counts)
Time (hours)

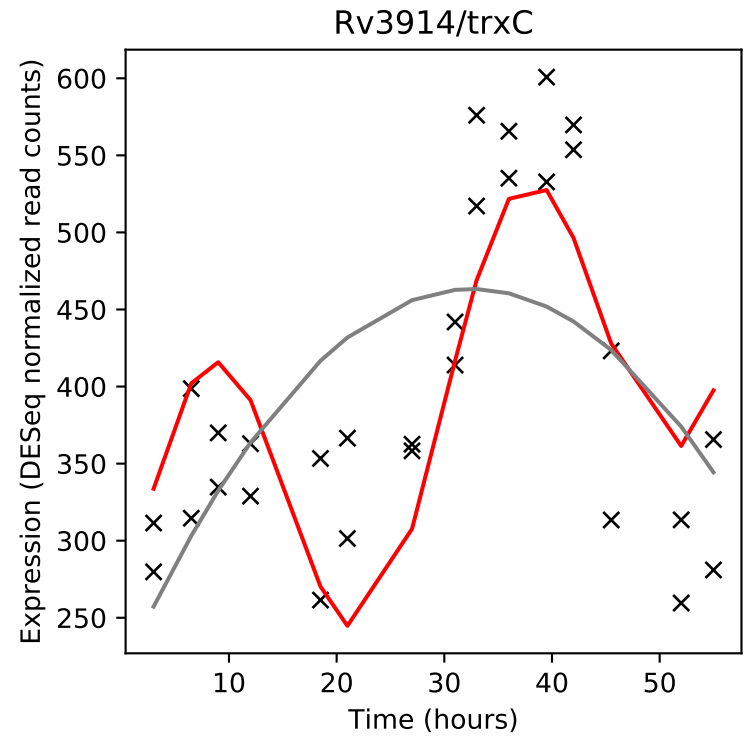

Rv3893c/PE36
Expression (DESeq normalized read counts)
Time (hours)

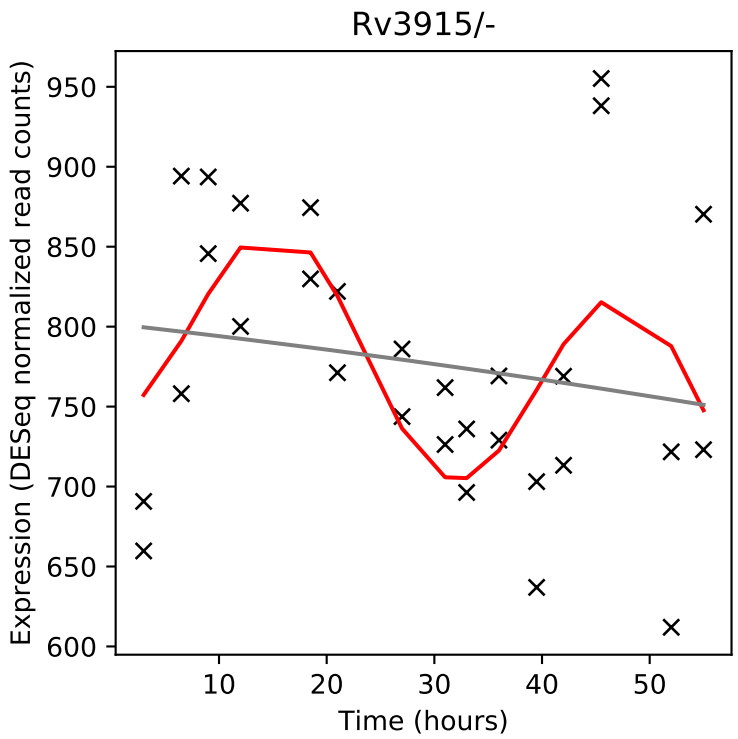

Rv3894c/eccC2
Rv3895c/eccB2
Rv3896c/-
Rv3897c/-
Rv3898c/-
Rv3899c/-
Rv3900c/-
Rv3901c/-
Rv3902c/-
Expression (DESeq normalized read counts)
Time (hours)

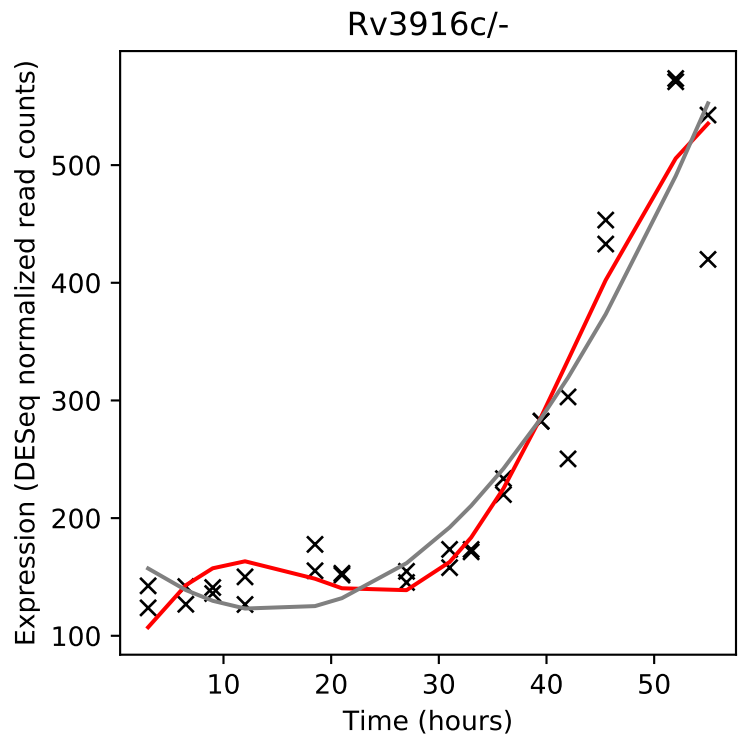

Rv3903c/-
Rv3904c/esxE
Rv3905c/esxF
Rv3906c/-
Rv3907c/pcnA
Rv3908/mutT4
Rv3909/-
Rv3910/-
Rv3911/sigM
Expression (DESeq normalized read counts)
Time (hours)

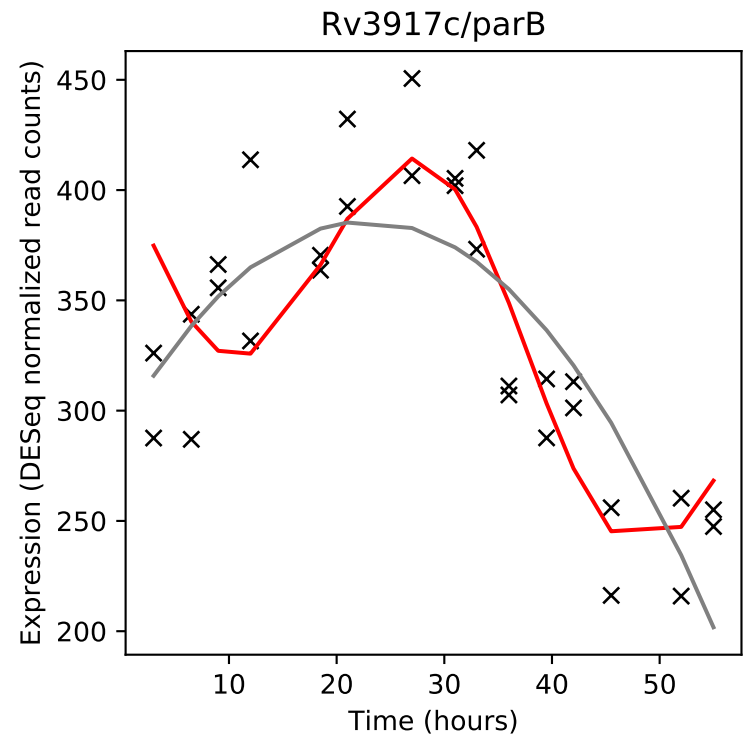

Rv3912/-
Expression (DESeq normalized read counts)
Time (hours)

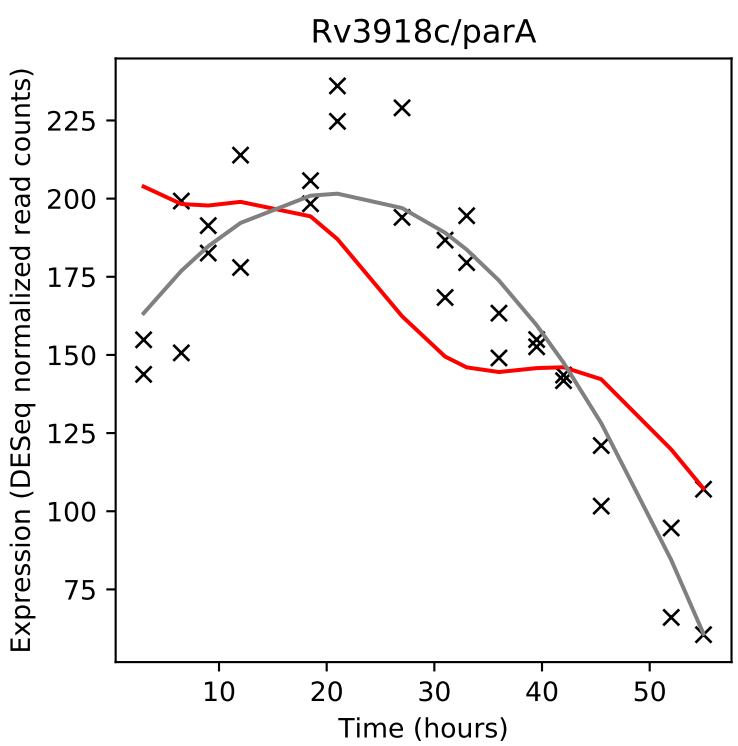

Rv3913/trxB2
Expression (DESeq normalized read counts)
Time (hours)

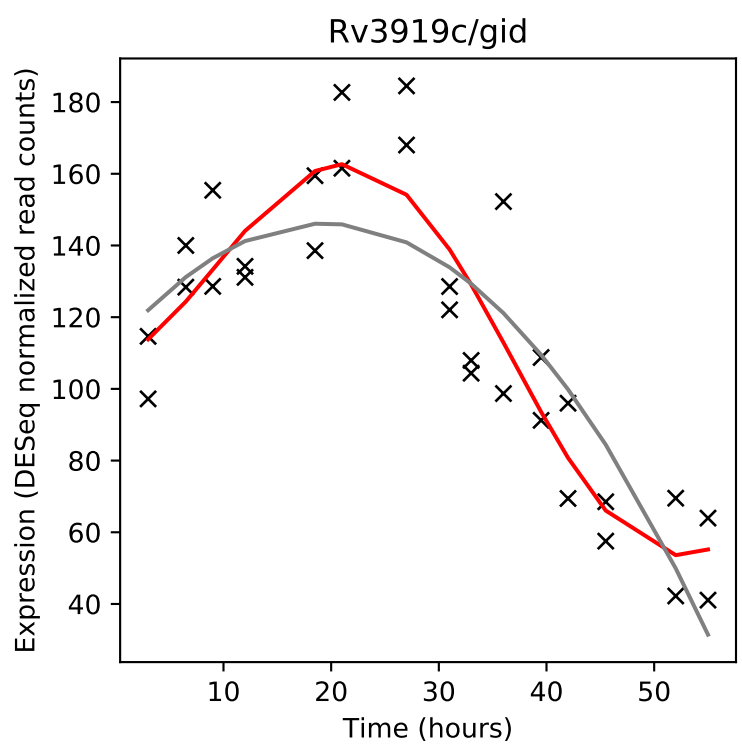

Rv3914/trxC
Expression (DESeq normalized read counts)
Time (hours)

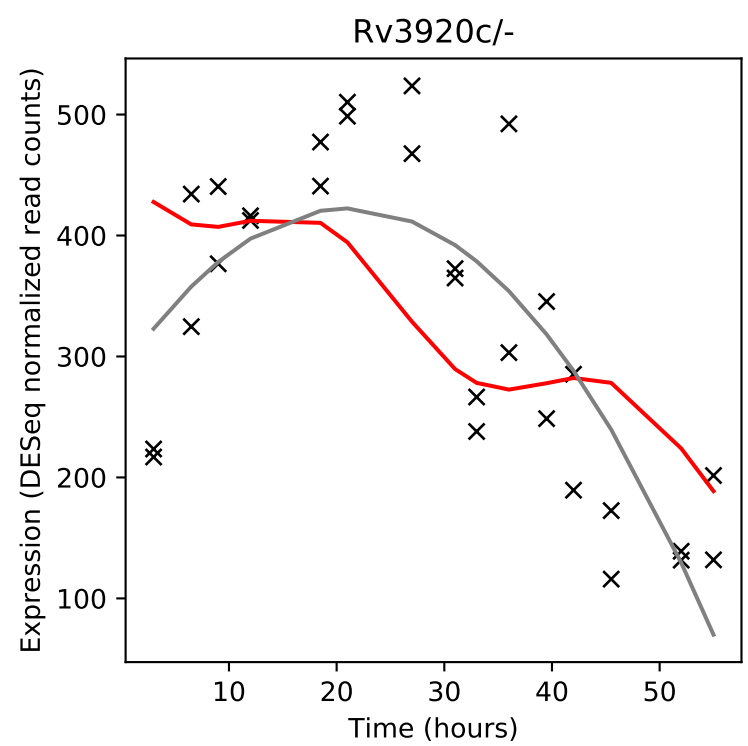

Rv3915/-
Expression (DESeq normalized read counts)
Time (hours)

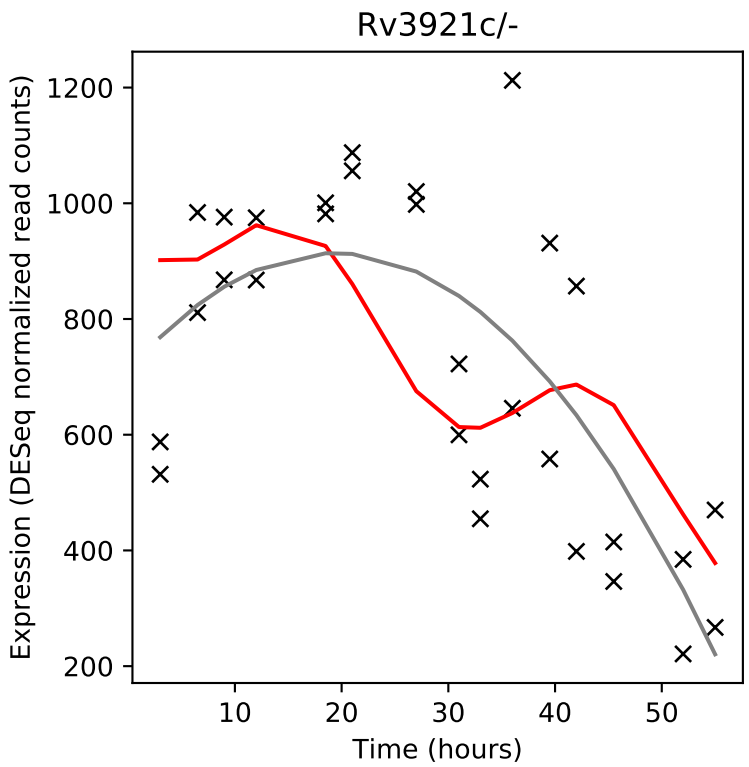

Rv3916c/-
Expression (DESeq normalized read counts)
Time (hours)

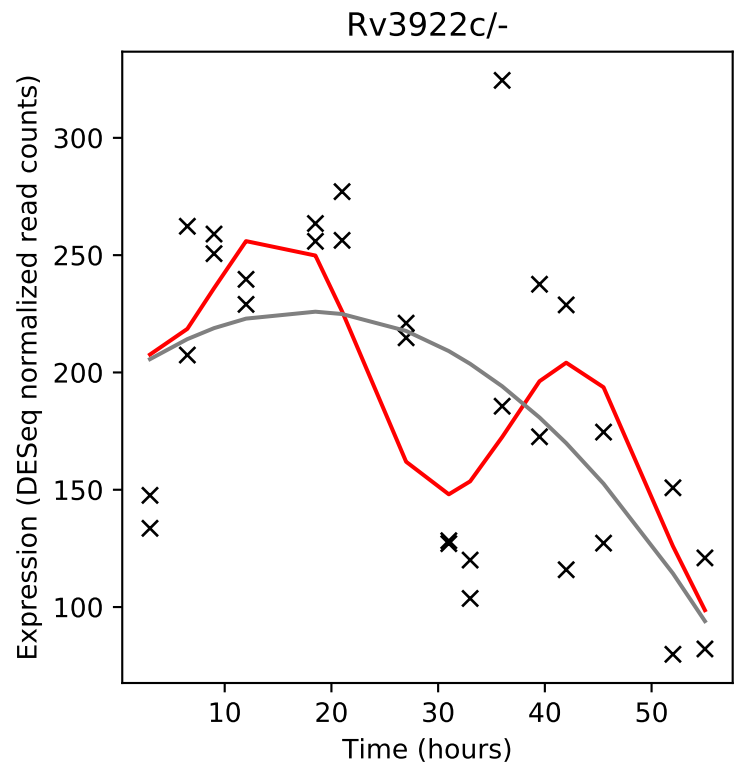

Rv3917c/parB
Expression (DESeq normalized read counts)
Time (hours)

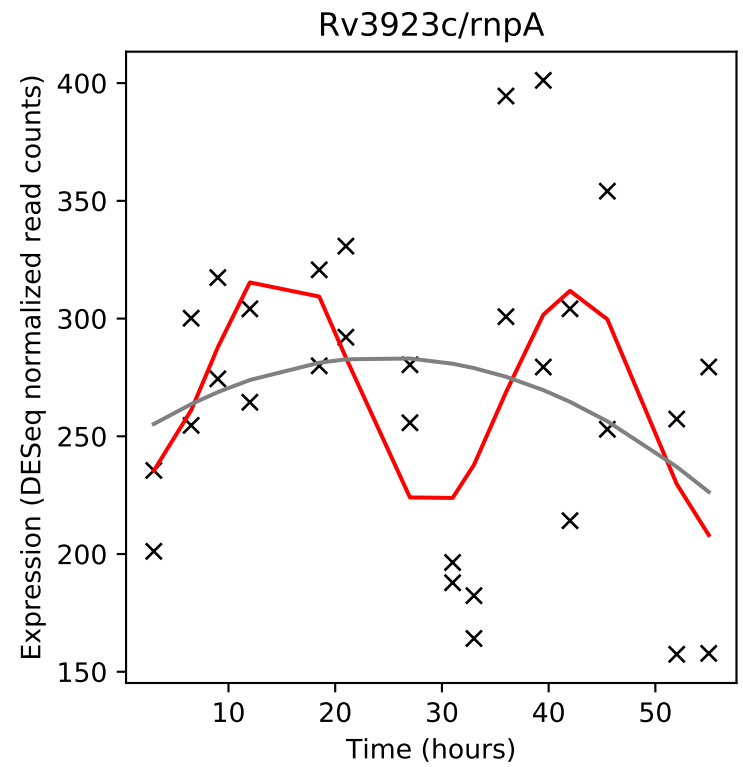

Rv3918c/parA
Expression (DESeq normalized read counts)
Time (hours)

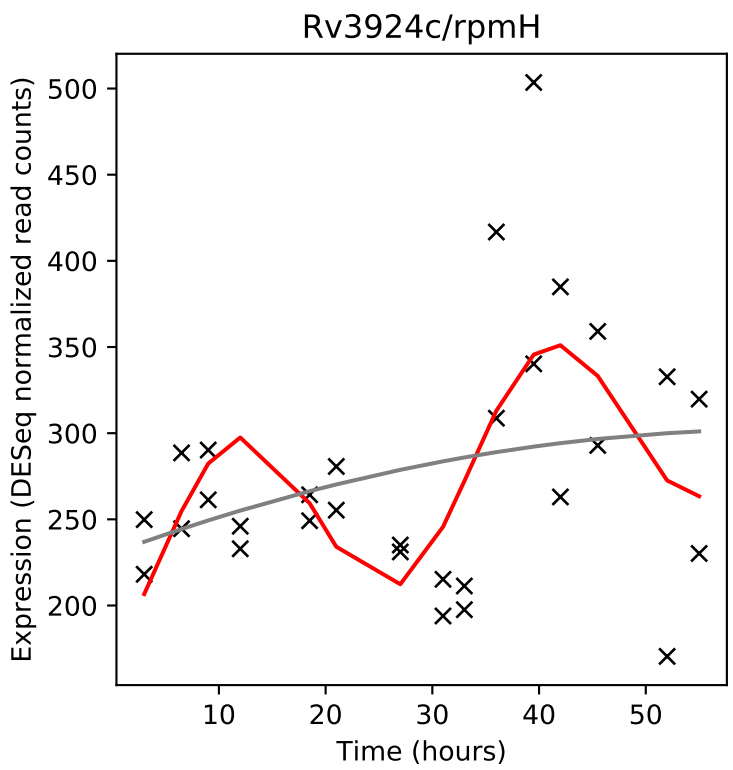

Rv3919c/gid
Expression (DESeq normalized read counts)
Time (hours)


Rv3920c/-
Expression (DESeq normalized read counts)
Time (hours)


Rv3921c/-
Expression (DESeq normalized read counts)
Time (hours)


Rv3922c/-
Expression (DESeq normalized read counts)
Time (hours)


Rv3923c/rnpA
Expression (DESeq normalized read counts)
Time (hours)


Rv3924c/rpmH
Expression (DESeq normalized read counts)
Time (hours)