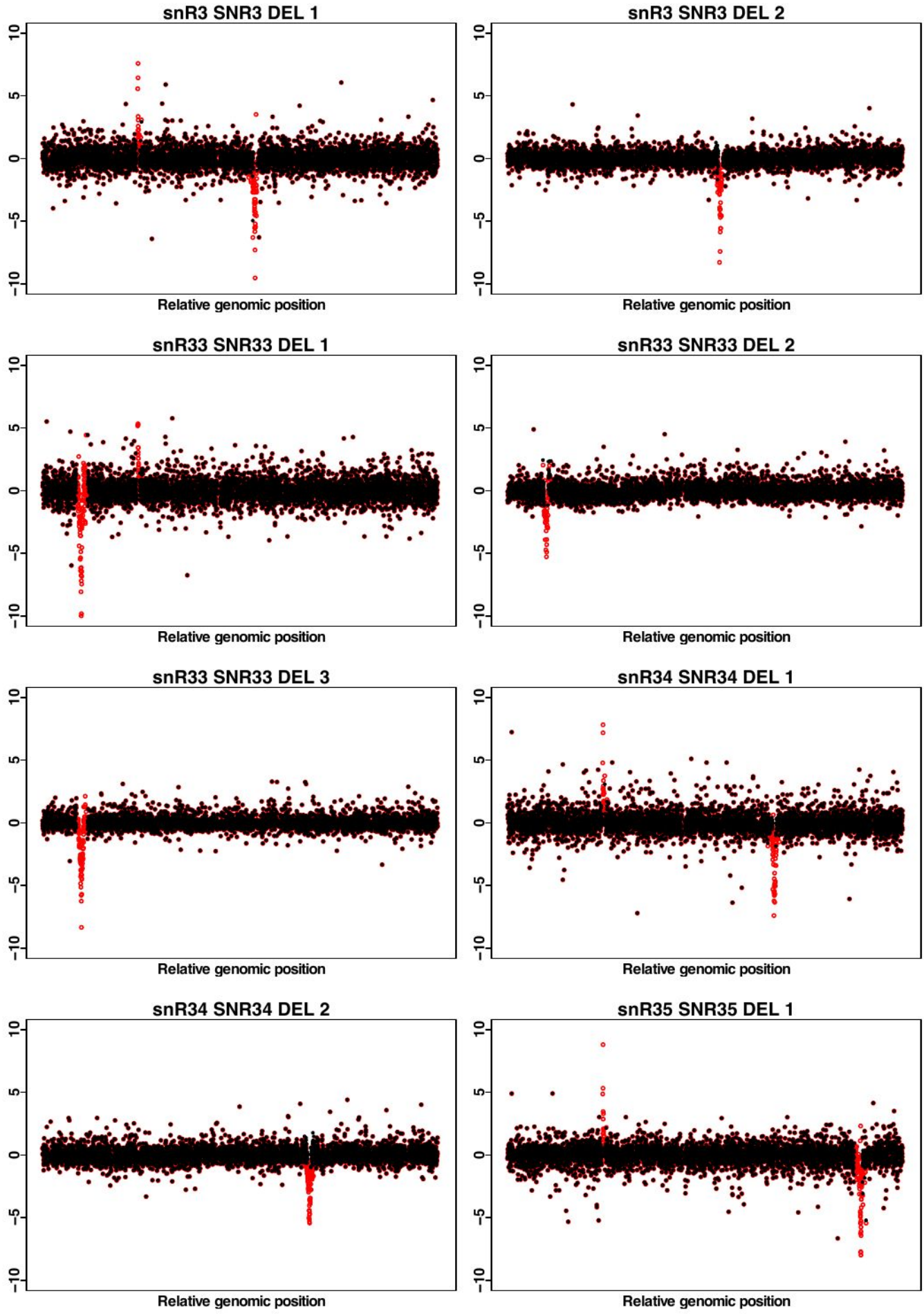
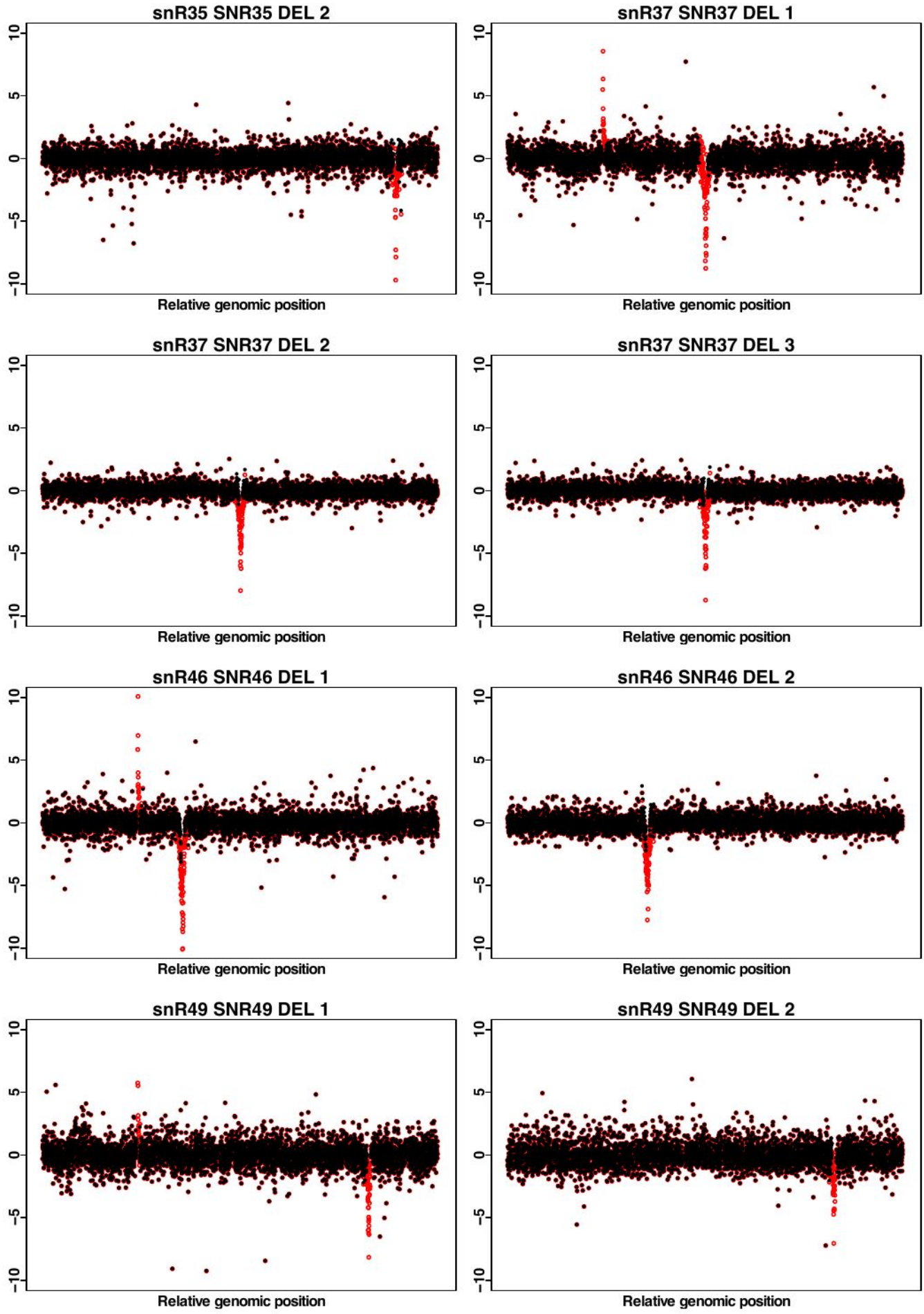
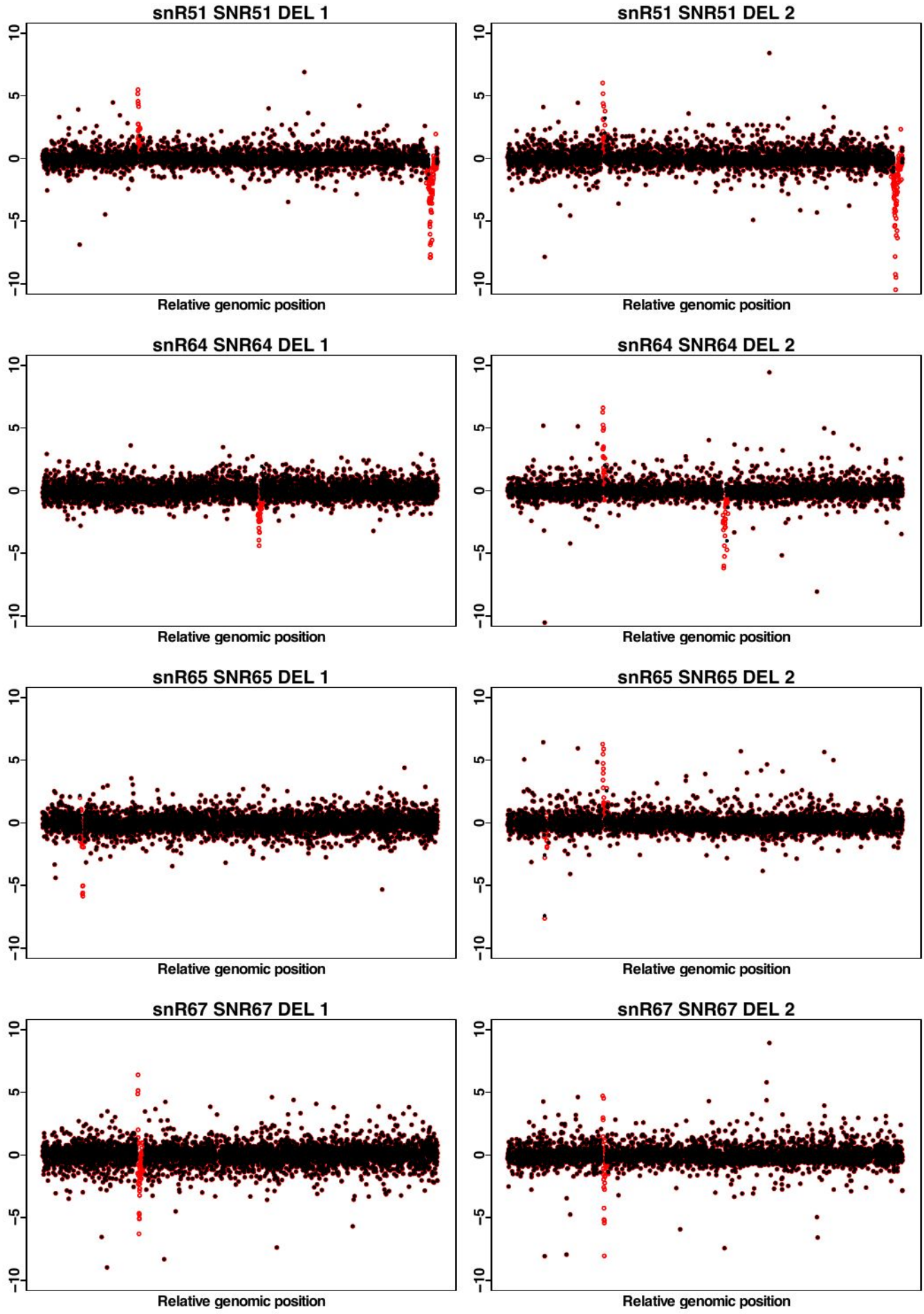
Supplementary figure set (exclusion peak correction)

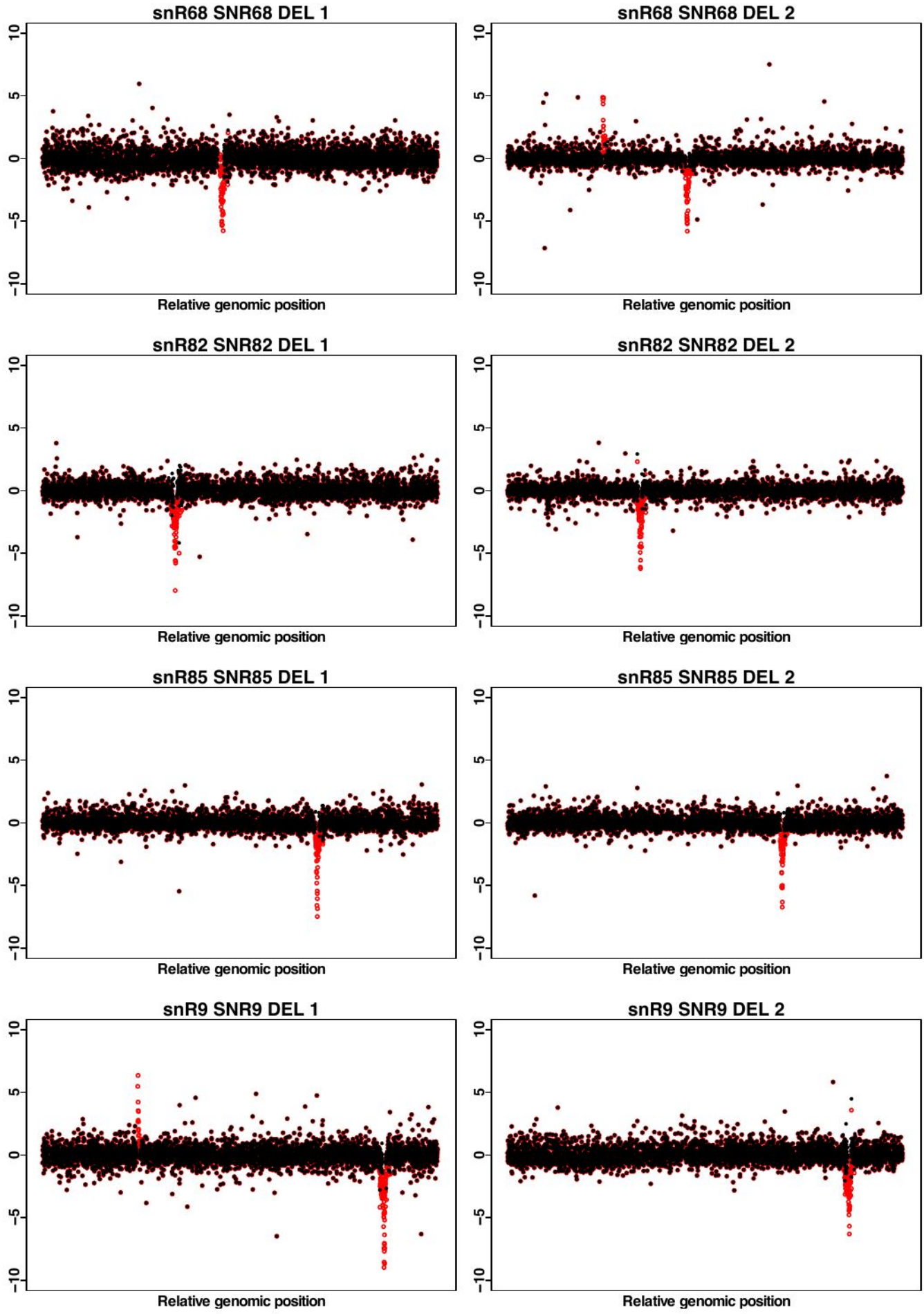
Exclusion peak correction for GIM screens. For each microarray hybridation file, the horizontal axis represents the relative genomic position of the affected gene, while the vertical axis represents, in $\log_2$ transformed values, the measured growth defect. The title indicates the identifier of the screen replicate. For example « YDR283C GCN2 DEL 2 » corresponds to the screen done with the deletion (« DEL ») of the GCN2 gene, systematic name « YDR283C », for replicate number 2.

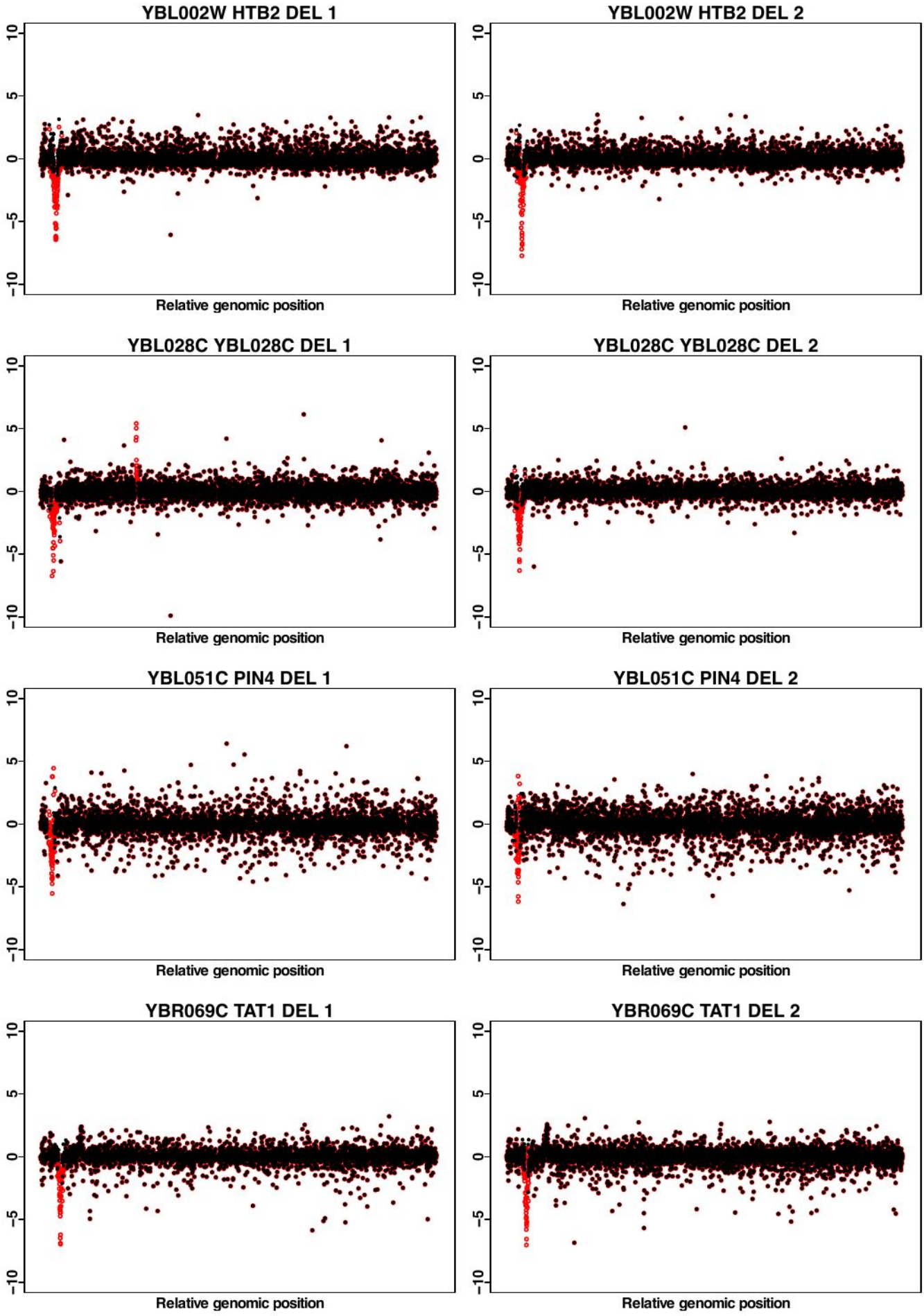
In red, original values, in black, values after correction using an estimation of recombination frequencies.

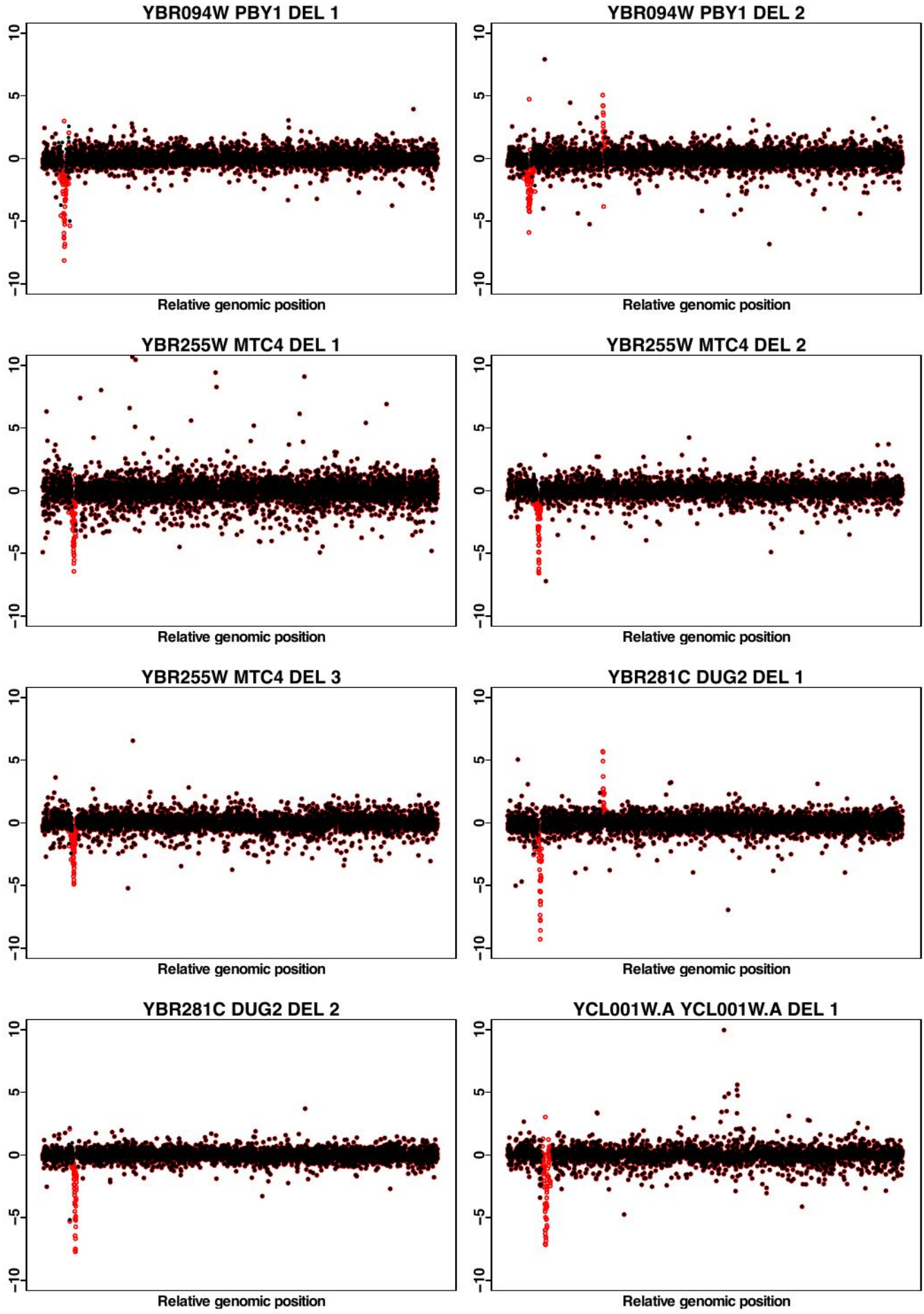

snR3 SNR3 DEL 1
snR3 SNR3 DEL 2
snR33 SNR33 DEL 1
snR33 SNR33 DEL 2
snR33 SNR33 DEL 3
snR34 SNR34 DEL 1
snR34 SNR34 DEL 2
snR35 SNR35 DEL 1
10
5
0
−5
−10
Relative genomic position

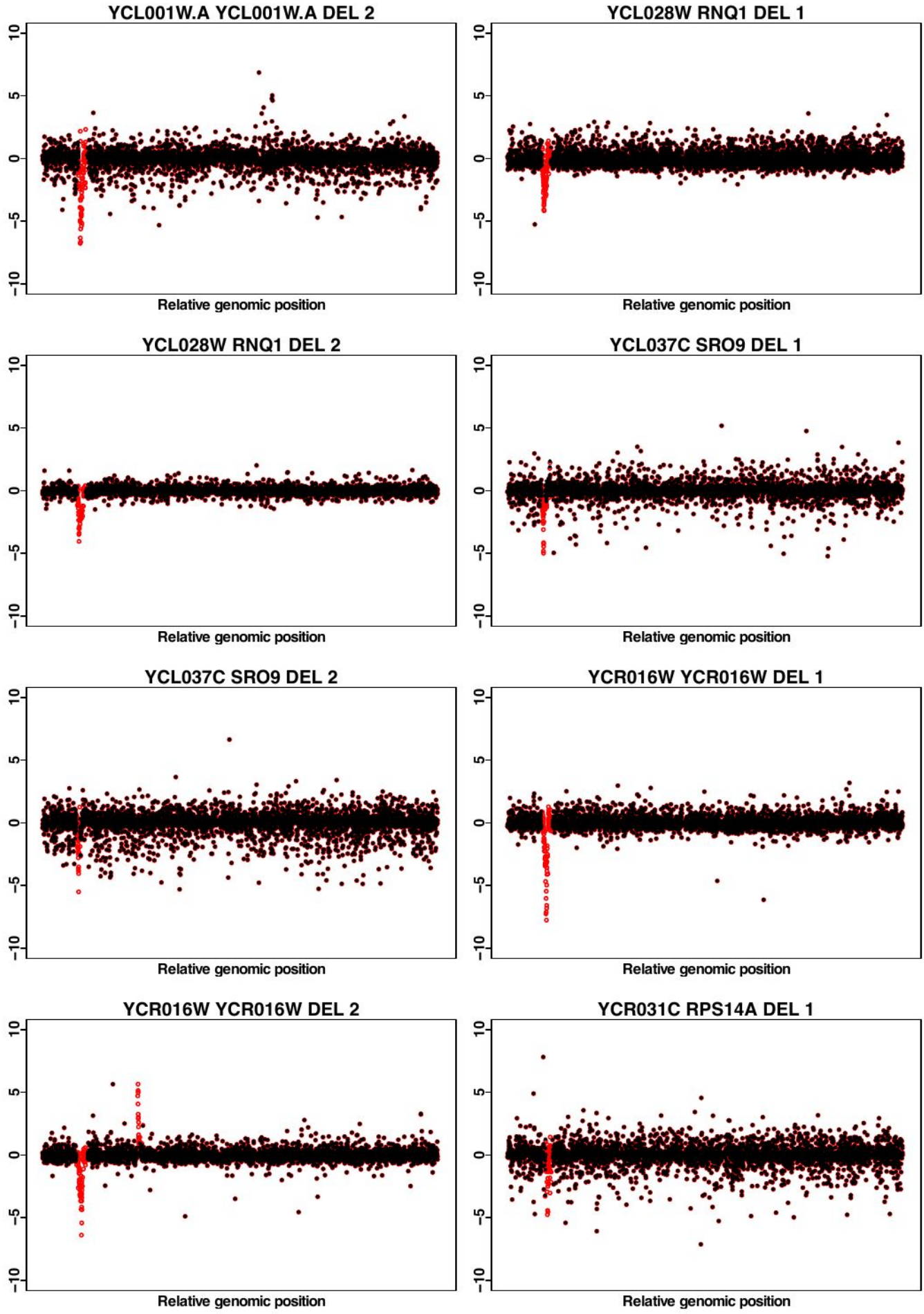

snR35 SNR35 DEL 2
snR37 SNR37 DEL 1
snR37 SNR37 DEL 2
snR37 SNR37 DEL 3
snR46 SNR46 DEL 1
snR46 SNR46 DEL 2
snR49 SNR49 DEL 1
snR49 SNR49 DEL 2
10
5
0
−5
−10
Relative genomic position

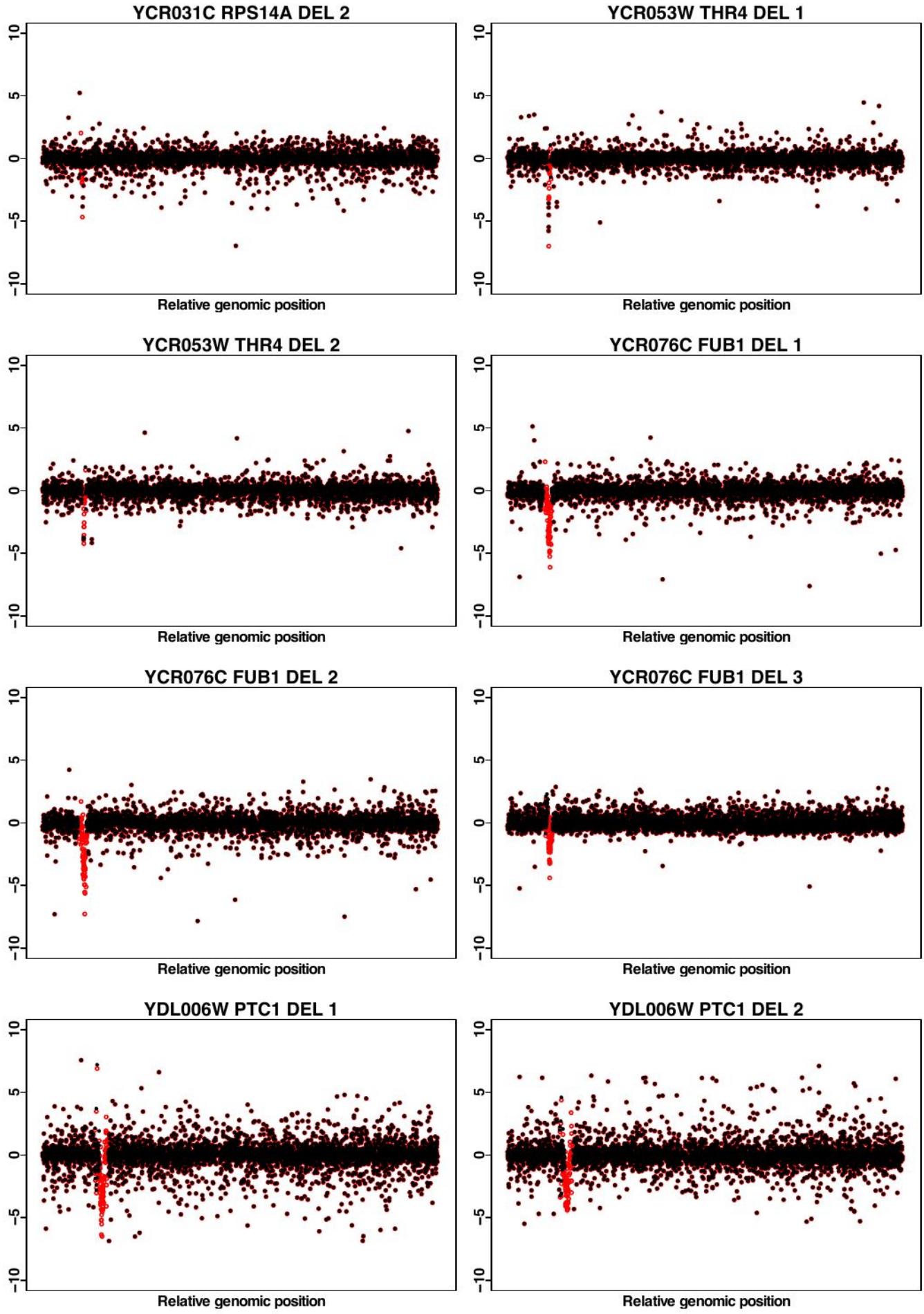

snR51 SNR51 DEL 1
snR51 SNR51 DEL 2
snR64 SNR64 DEL 1
snR64 SNR64 DEL 2
snR65 SNR65 DEL 1
snR65 SNR65 DEL 2
snR67 SNR67 DEL 1
snR67 SNR67 DEL 2
10
5
0
−5
−10
Relative genomic position

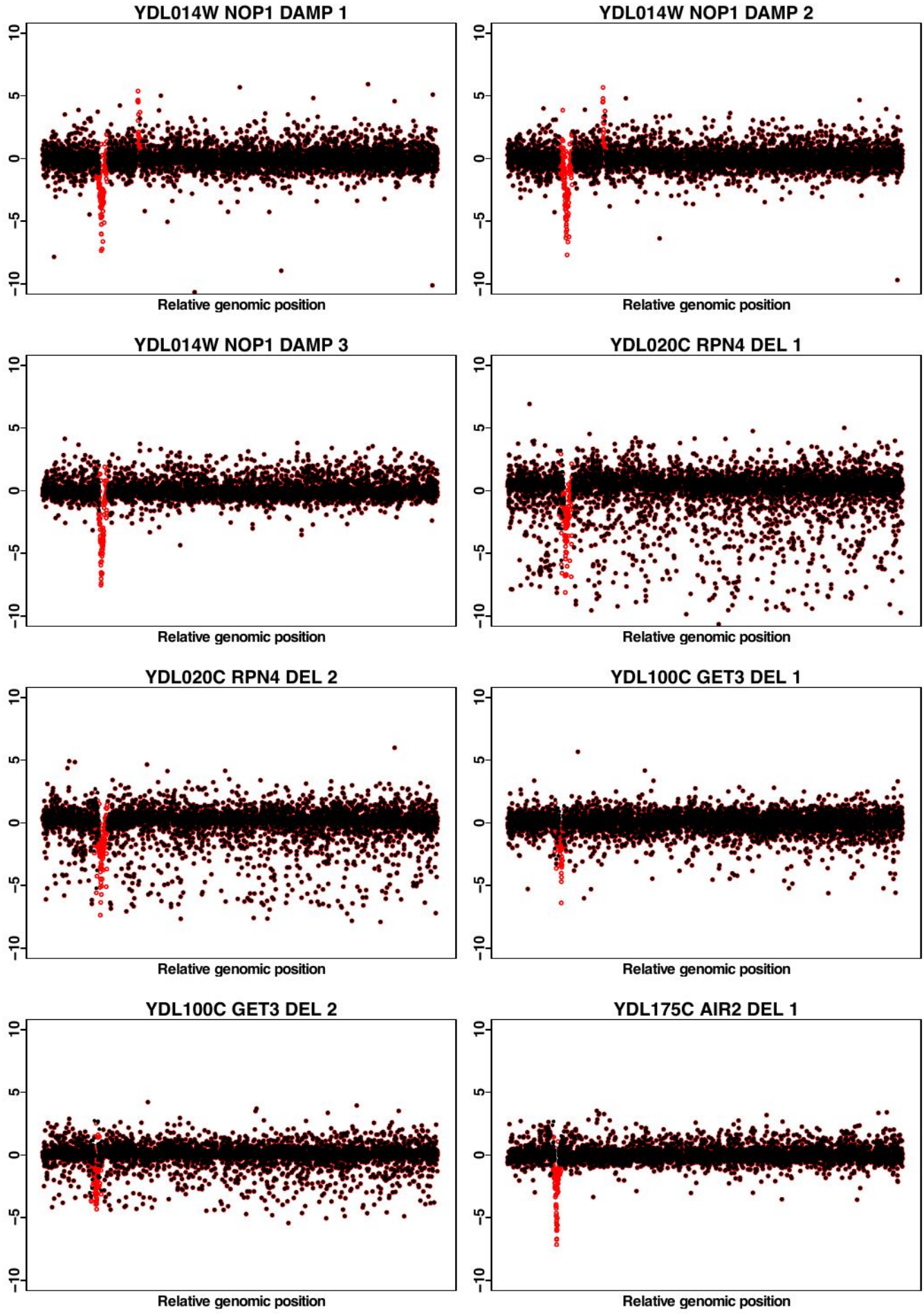

snR68 SNR68 DEL 1
snR68 SNR68 DEL 2
snR82 SNR82 DEL 1
snR82 SNR82 DEL 2
snR85 SNR85 DEL 1
snR85 SNR85 DEL 2
snR9 SNR9 DEL 1
snR9 SNR9 DEL 2
10
5
0
−5
−10
Relative genomic position

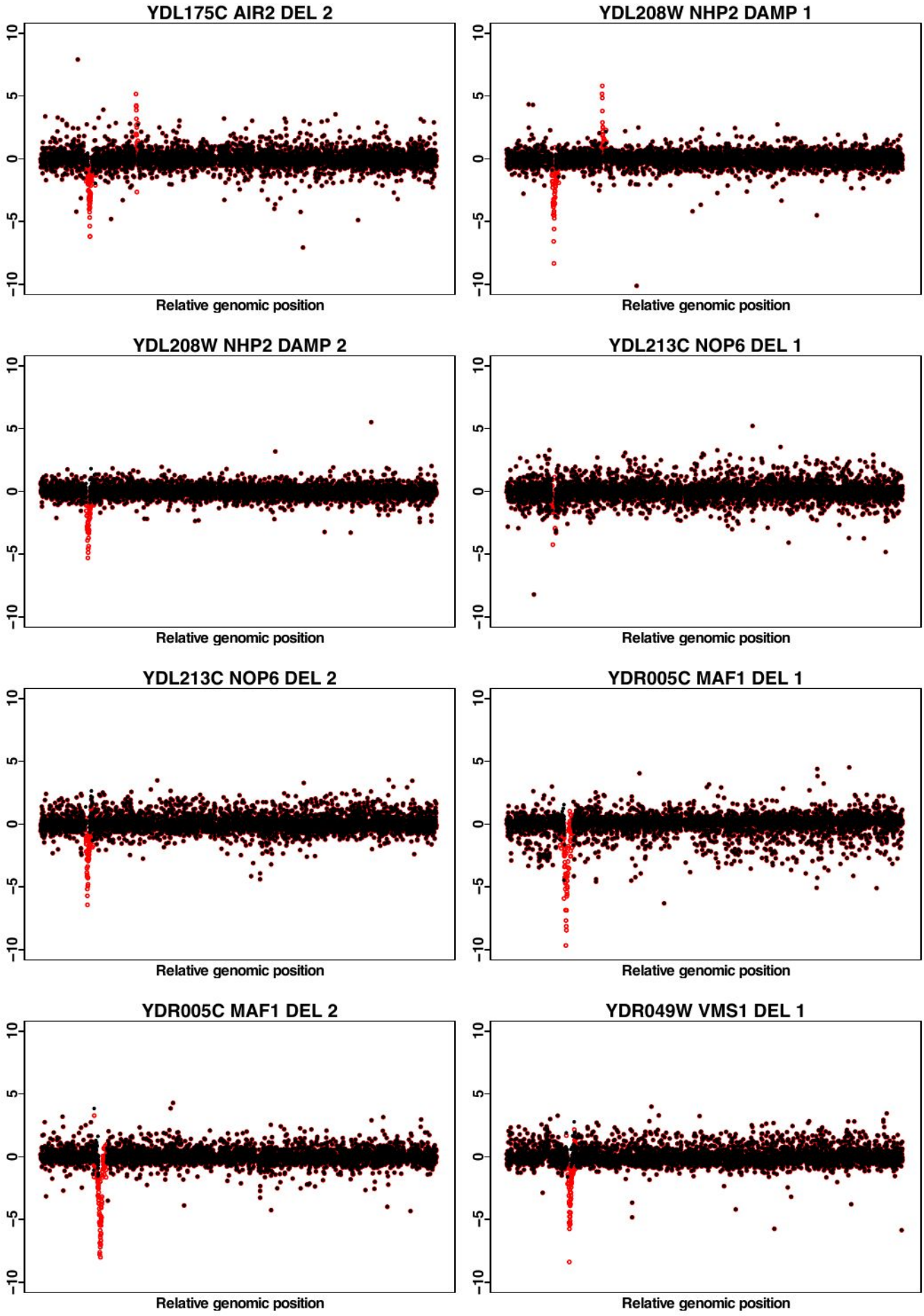

YBL002W HTB2 DEL 1
YBL002W HTB2 DEL 2
YBL028C YBL028C DEL 1
YBL028C YBL028C DEL 2
YBL051C PIN4 DEL 1
YBL051C PIN4 DEL 2
YBR069C TAT1 DEL 1
YBR069C TAT1 DEL 2
10
5
0
−5
−10
Relative genomic position

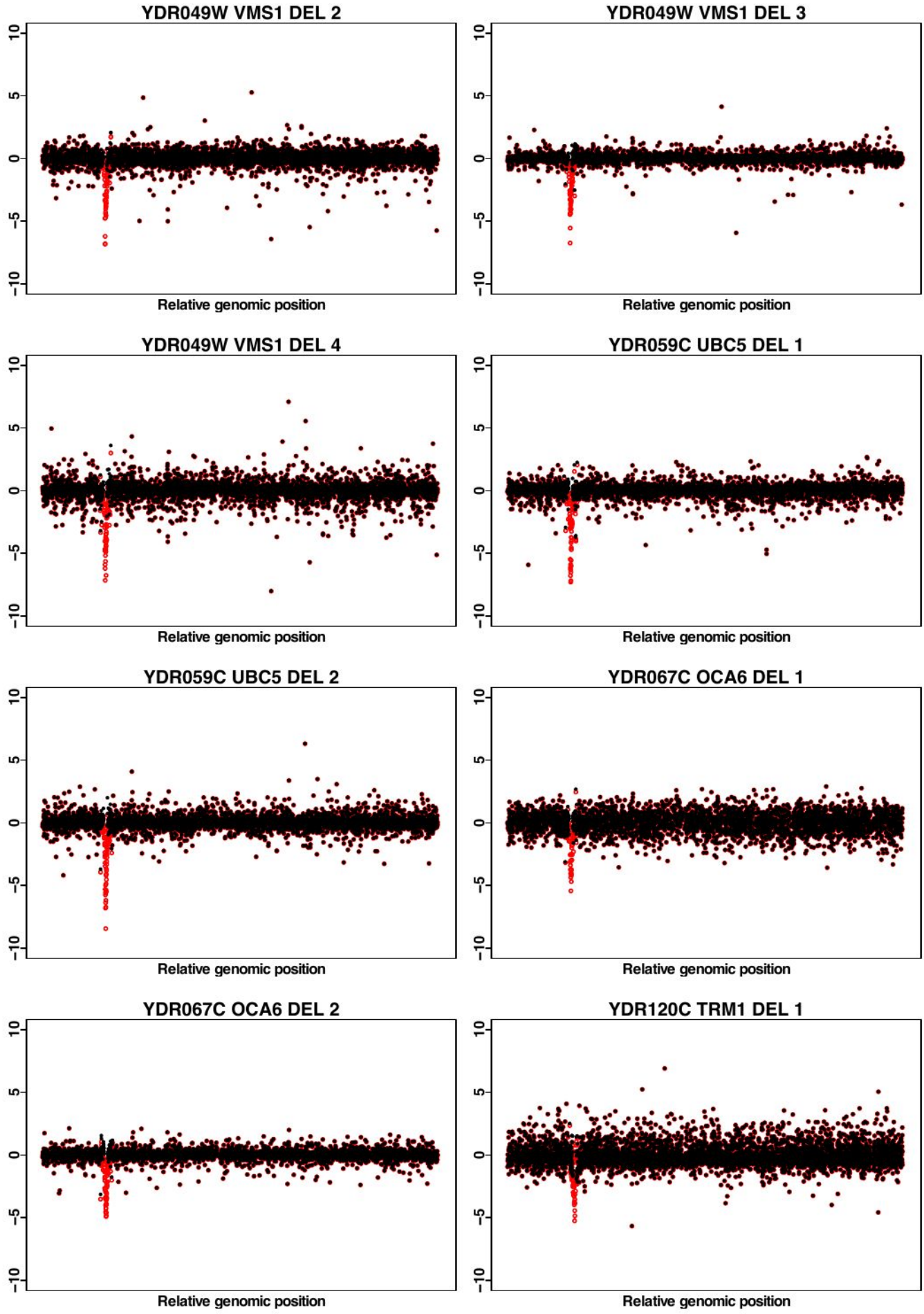

YBR094W PBY1 DEL 1
YBR094W PBY1 DEL 2
YBR255W MTC4 DEL 1
YBR255W MTC4 DEL 2
YBR255W MTC4 DEL 3
YBR281C DUG2 DEL 1
YBR281C DUG2 DEL 2
YCL001W.A YCL001W.A DEL 1
Relative genomic position
10
5
0
−5
−10


YCL001W.A YCL001W.A DEL 2
YCL028W RNQ1 DEL 1
YCL028W RNQ1 DEL 2
YCL037C SRO9 DEL 1
YCL037C SRO9 DEL 2
YCR016W YCR016W DEL 1
YCR016W YCR016W DEL 2
YCR031C RPS14A DEL 1
10
5
0
−5
−10
Relative genomic position


YCR031C RPS14A DEL 2
YCR053W THR4 DEL 1
YCR053W THR4 DEL 2
YCR076C FUB1 DEL 1
YCR076C FUB1 DEL 2
YCR076C FUB1 DEL 3
YDL006W PTC1 DEL 1
YDL006W PTC1 DEL 2
10
5
0
−5
−10
Relative genomic position


YDL014W NOP1 DAMP 1
YDL014W NOP1 DAMP 2
YDL014W NOP1 DAMP 3
YDL020C RPN4 DEL 1
YDL020C RPN4 DEL 2
YDL100C GET3 DEL 1
YDL100C GET3 DEL 2
YDL175C AIR2 DEL 1
10
5
0
−5
−10
Relative genomic position


YDL175C AIR2 DEL 2
YDL208W NHP2 DAMP 1
YDL208W NHP2 DAMP 2
YDL213C NOP6 DEL 1
YDL213C NOP6 DEL 2
YDR005C MAF1 DEL 1
YDR005C MAF1 DEL 2
YDR049W VMS1 DEL 1
10
5
0
−5
−10
Relative genomic position


YDR049W VMS1 DEL 2
YDR049W VMS1 DEL 3
YDR049W VMS1 DEL 4
YDR059C UBC5 DEL 1
YDR059C UBC5 DEL 2
YDR067C OCA6 DEL 1
YDR067C OCA6 DEL 2
YDR120C TRM1 DEL 1
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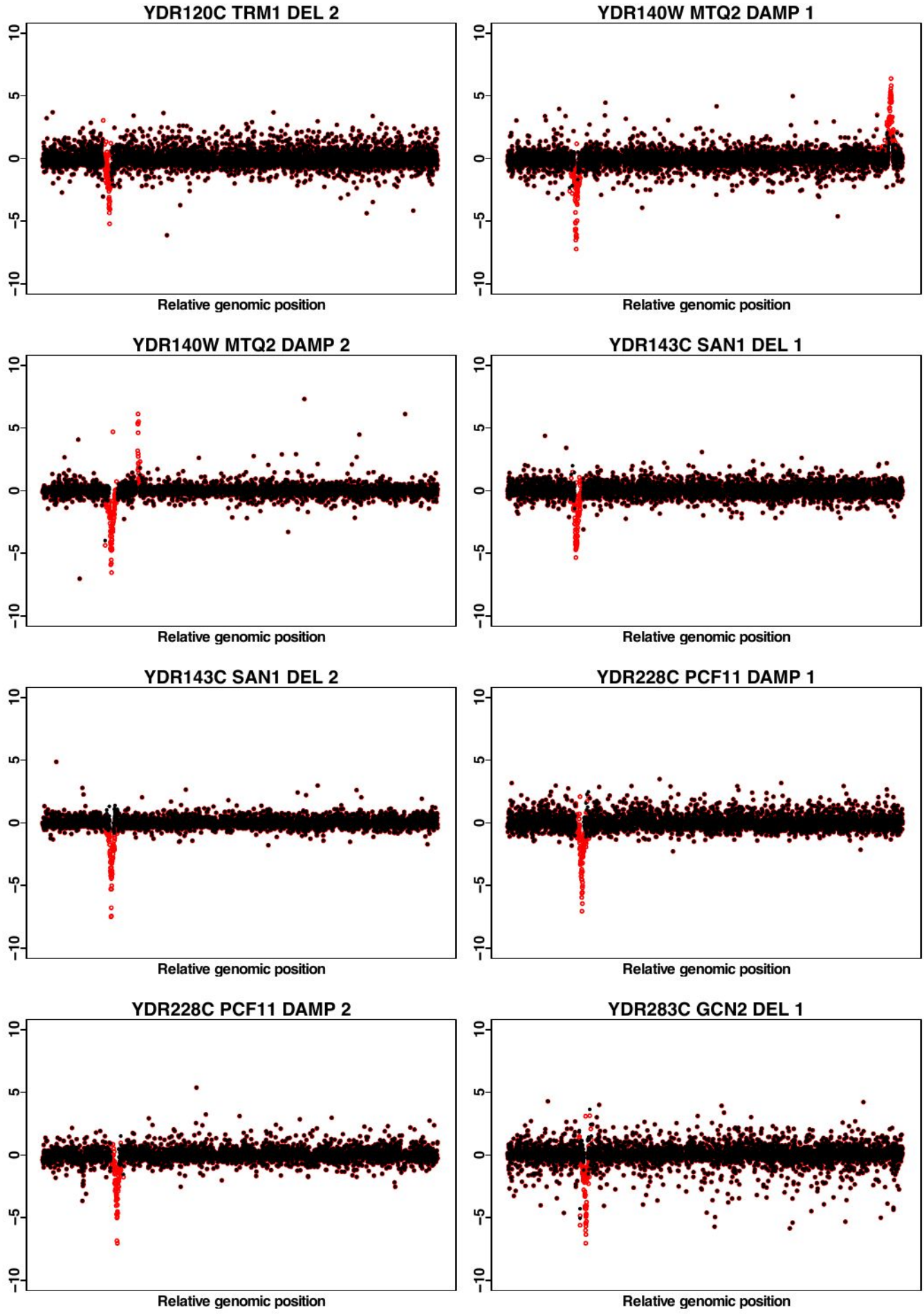
5
0
−5
−10
Relative genomic position


YDR120C TRM1 DEL 2
YDR140W MTQ2 DAMP 1
YDR140W MTQ2 DAMP 2
YDR143C SAN1 DEL 1
YDR143C SAN1 DEL 2
YDR228C PCF11 DAMP 1
YDR228C PCF11 DAMP 2
YDR283C GCN2 DEL 1
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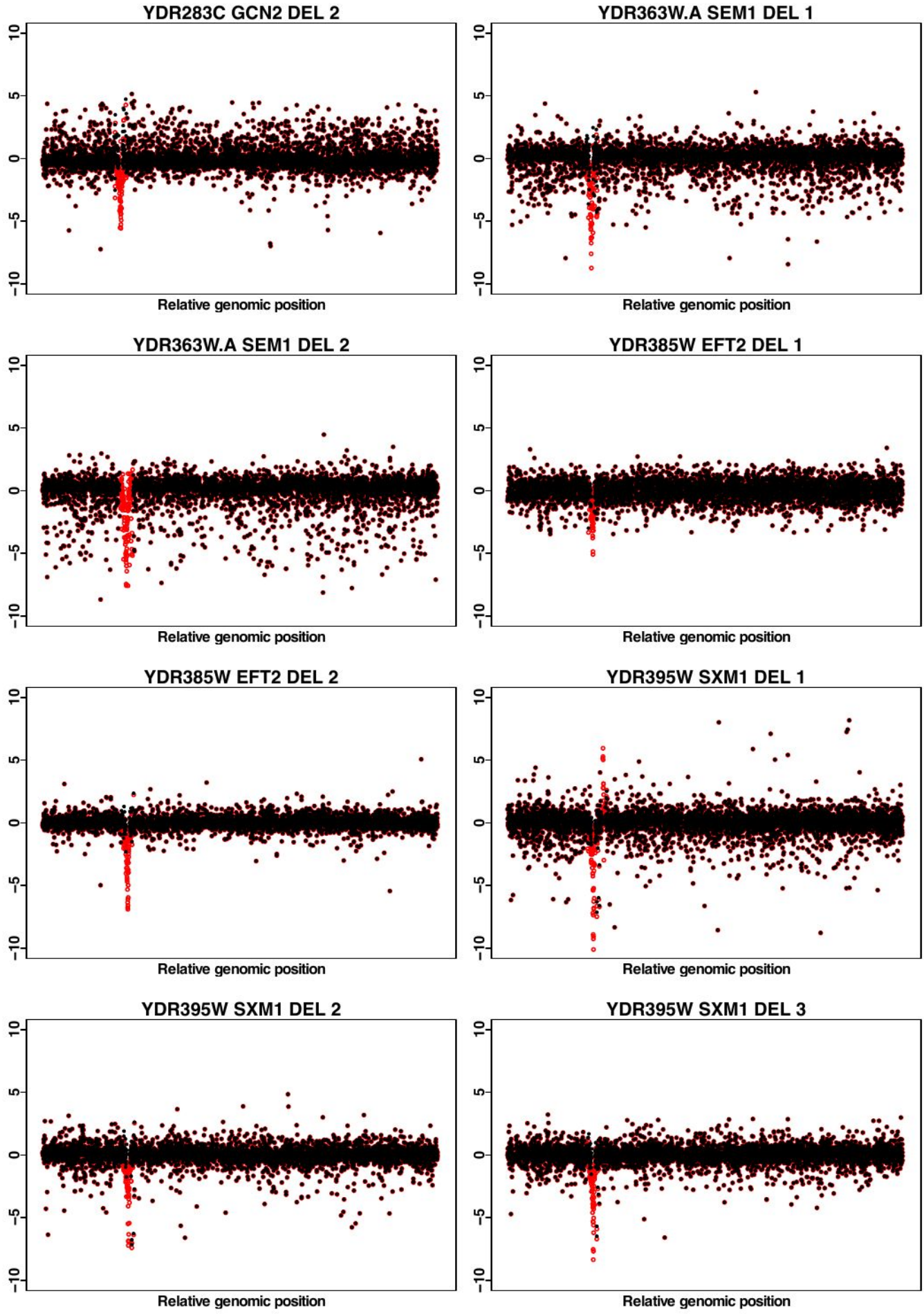
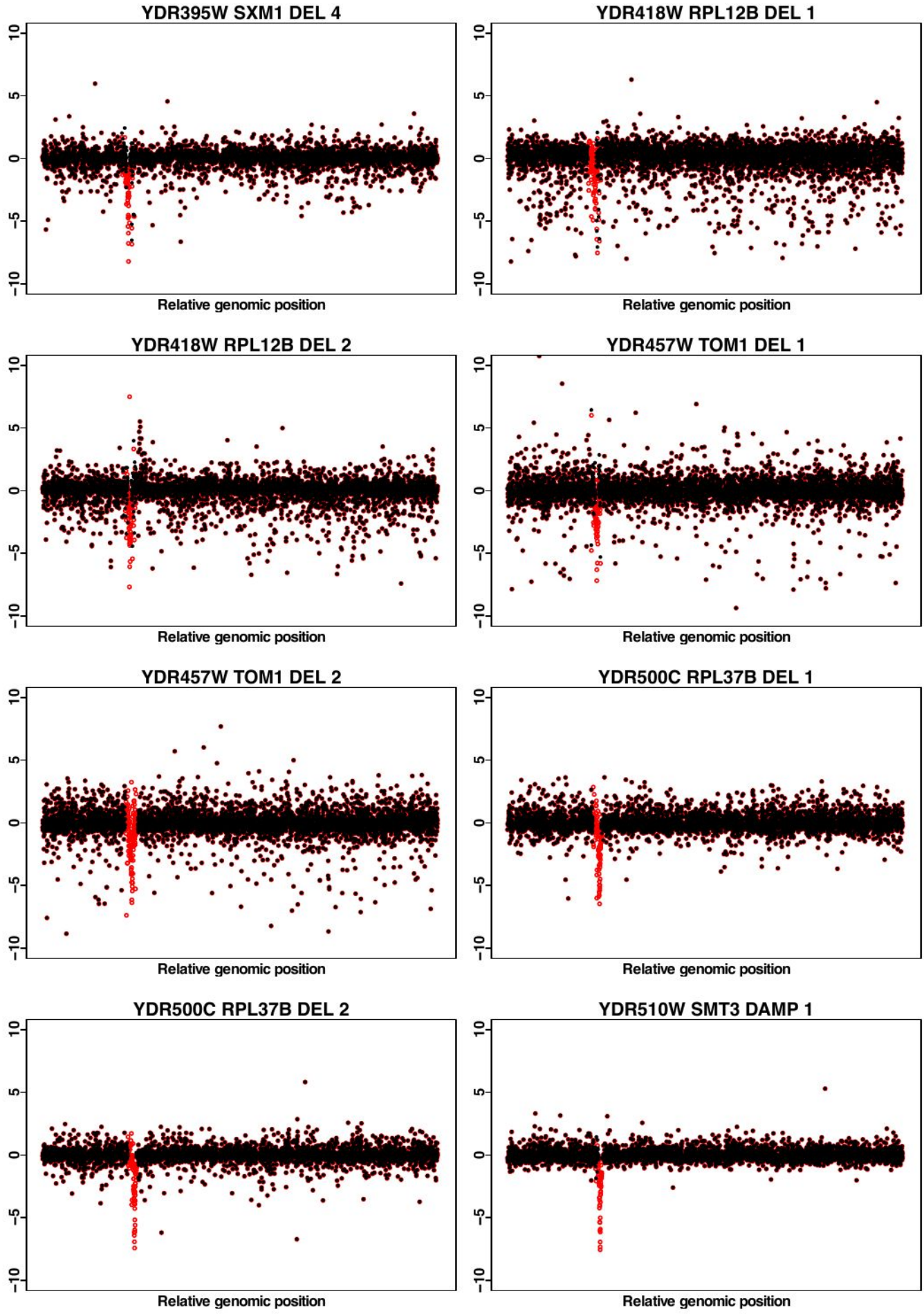
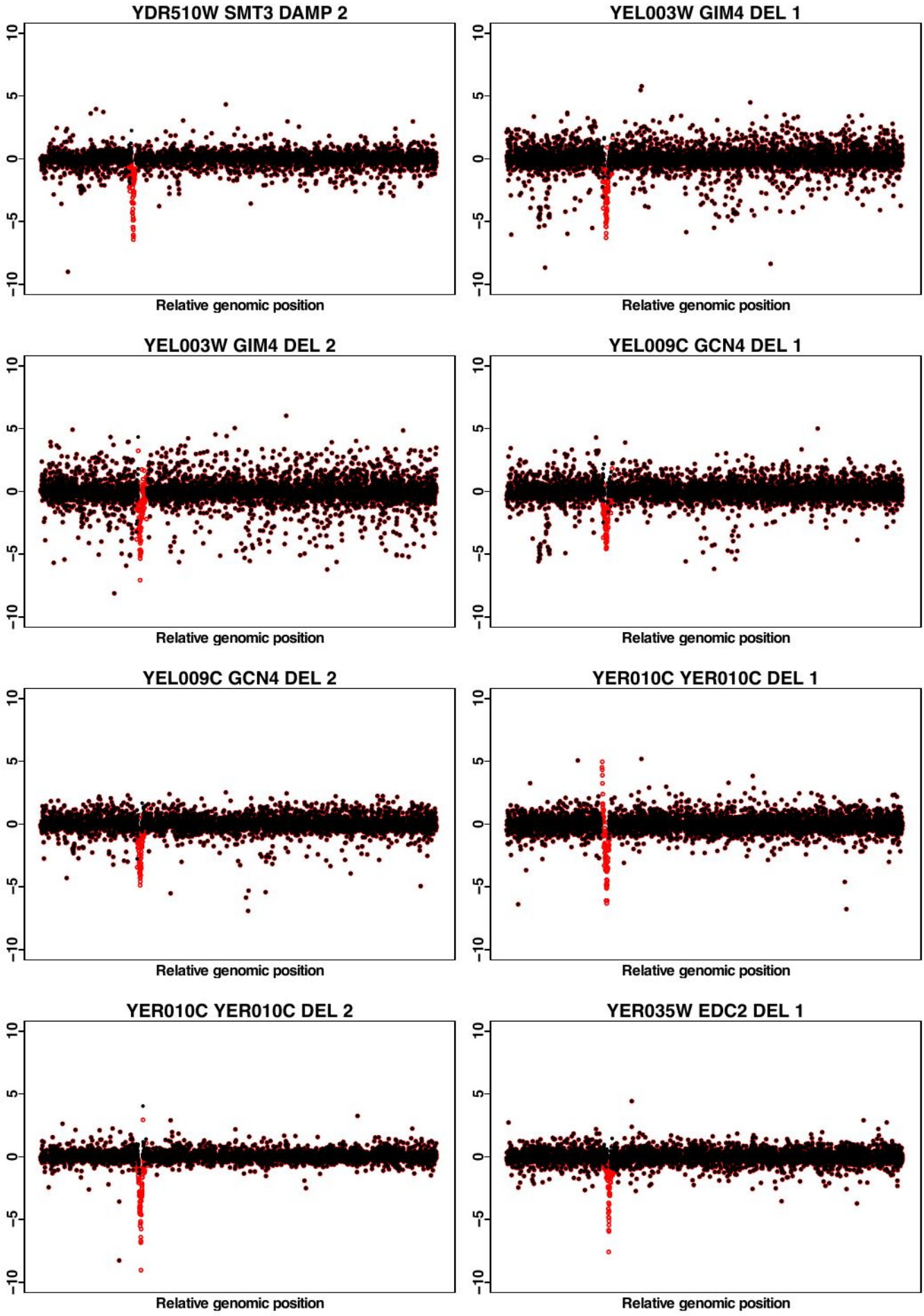
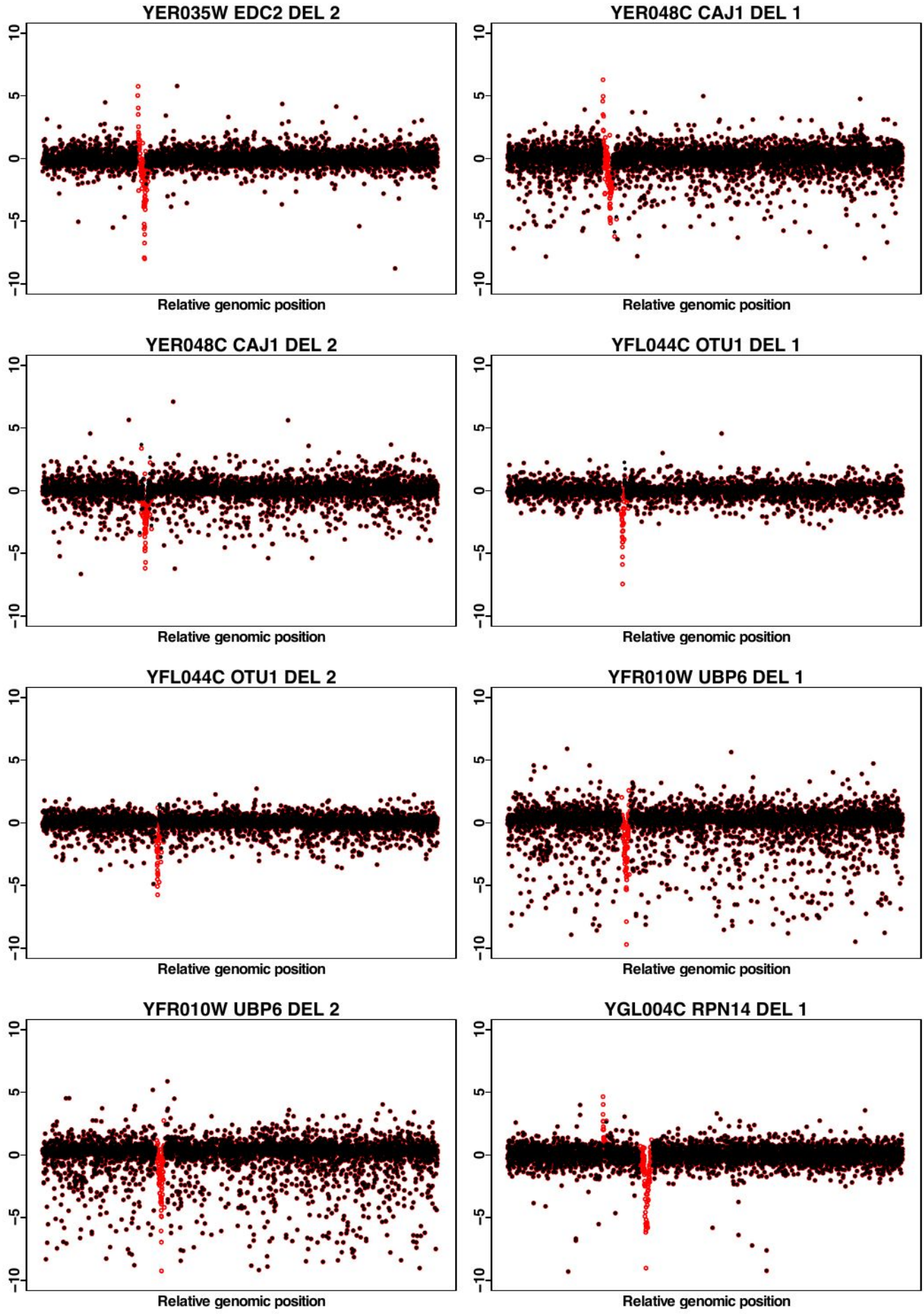
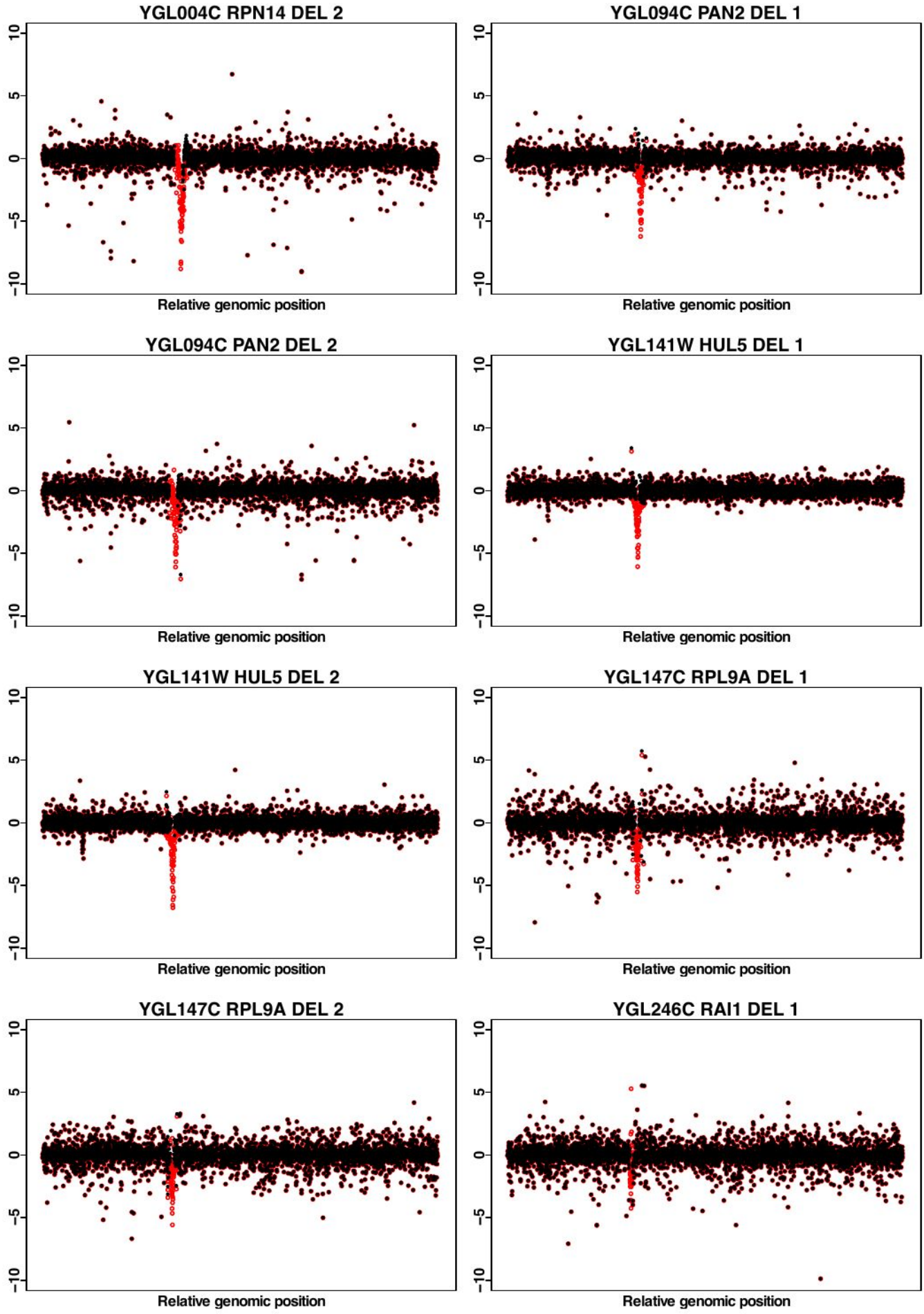
0
−5
−10
Relative genomic position

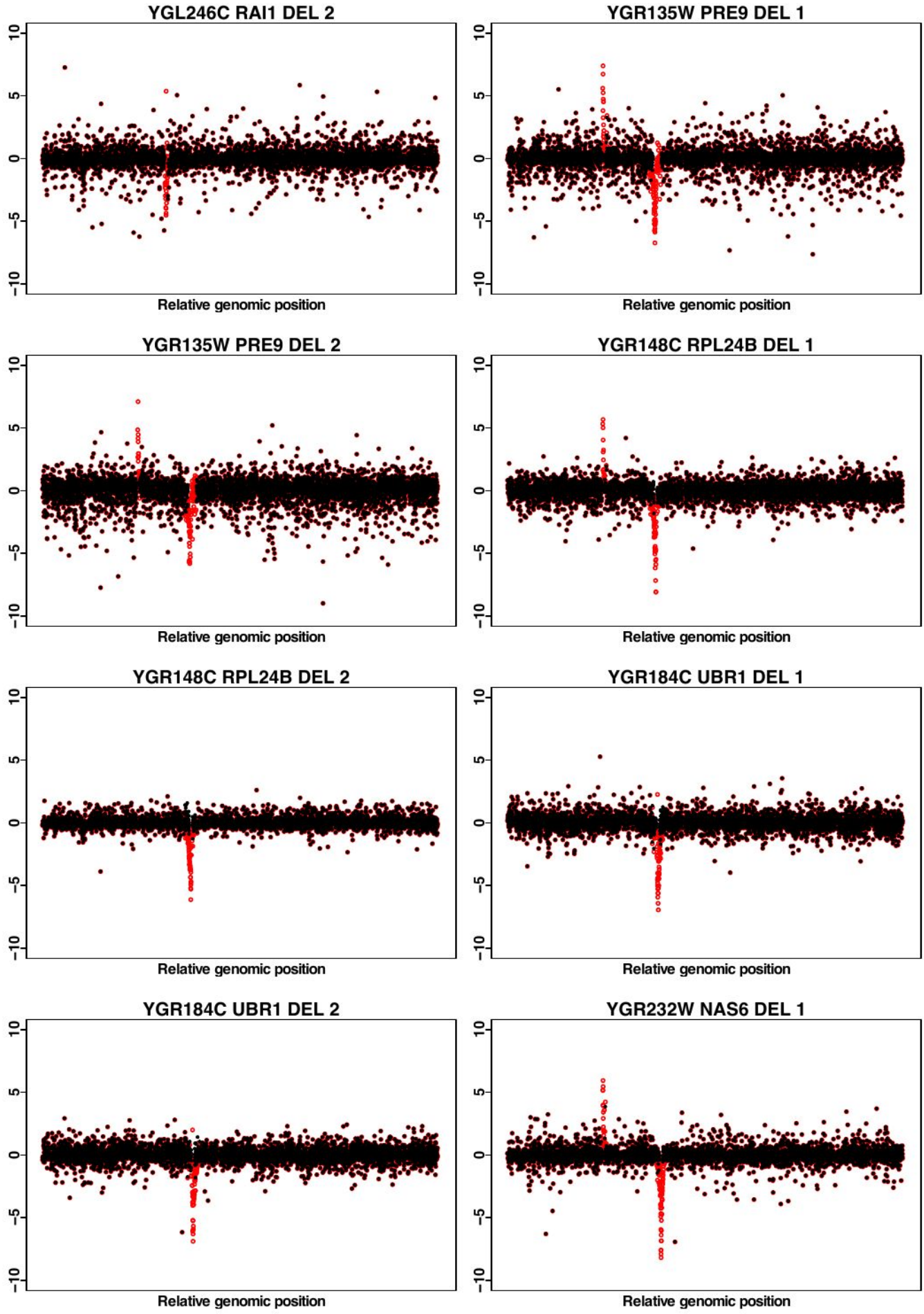

YDR283C GCN2 DEL 2
YDR363W.A SEM1 DEL 1
YDR363W.A SEM1 DEL 2
YDR385W EFT2 DEL 1
YDR385W EFT2 DEL 2
YDR395W SXM1 DEL 1
YDR395W SXM1 DEL 2
YDR395W SXM1 DEL 3
10
5
0
−5
−10
Relative genomic position

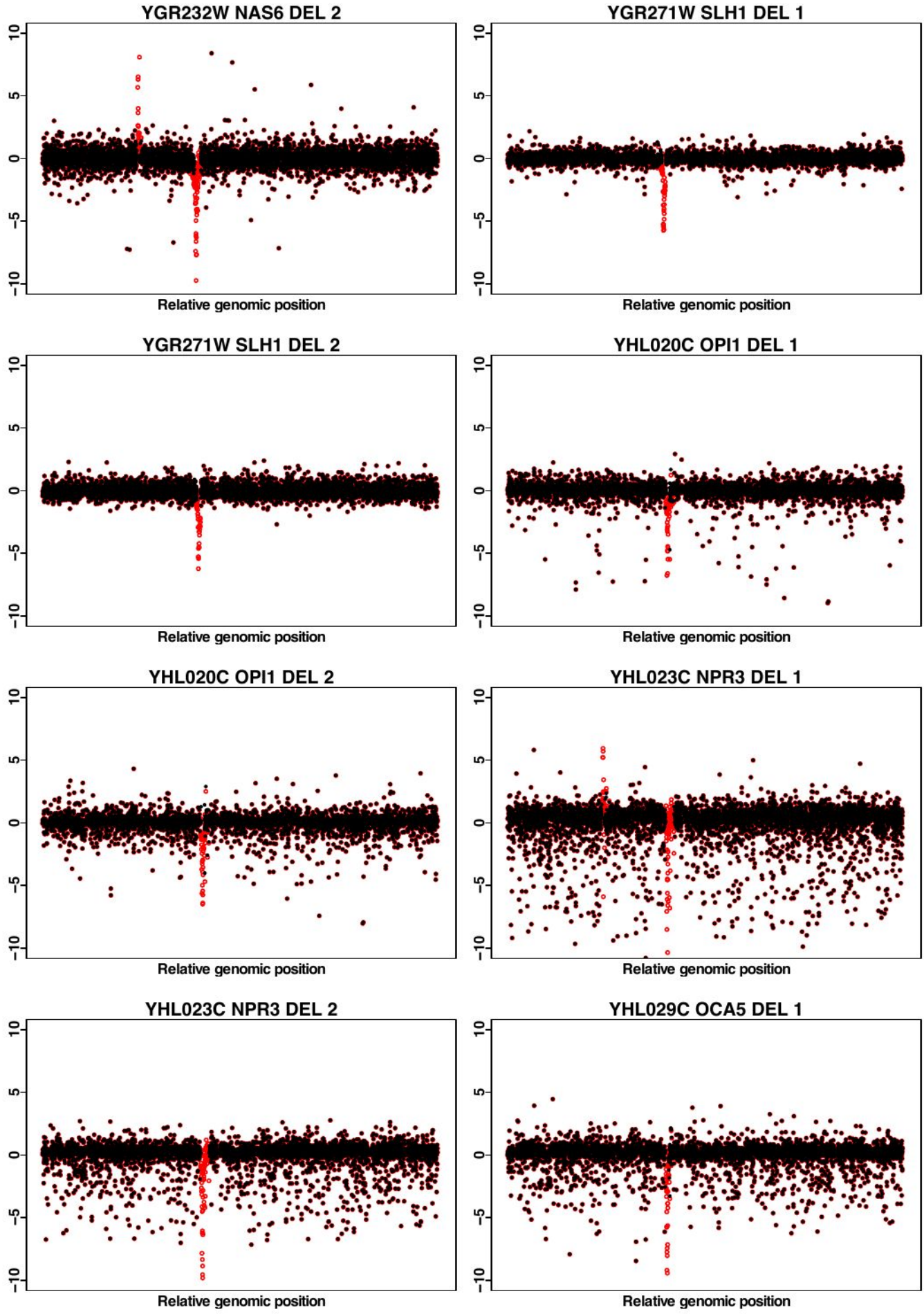

YDR395W SXM1 DEL 4
YDR418W RPL12B DEL 1
YDR418W RPL12B DEL 2
YDR457W TOM1 DEL 1
YDR457W TOM1 DEL 2
YDR500C RPL37B DEL 1
YDR500C RPL37B DEL 2
YDR510W SMT3 DAMP 1
10
5
0
−5
−10
Relative genomic position

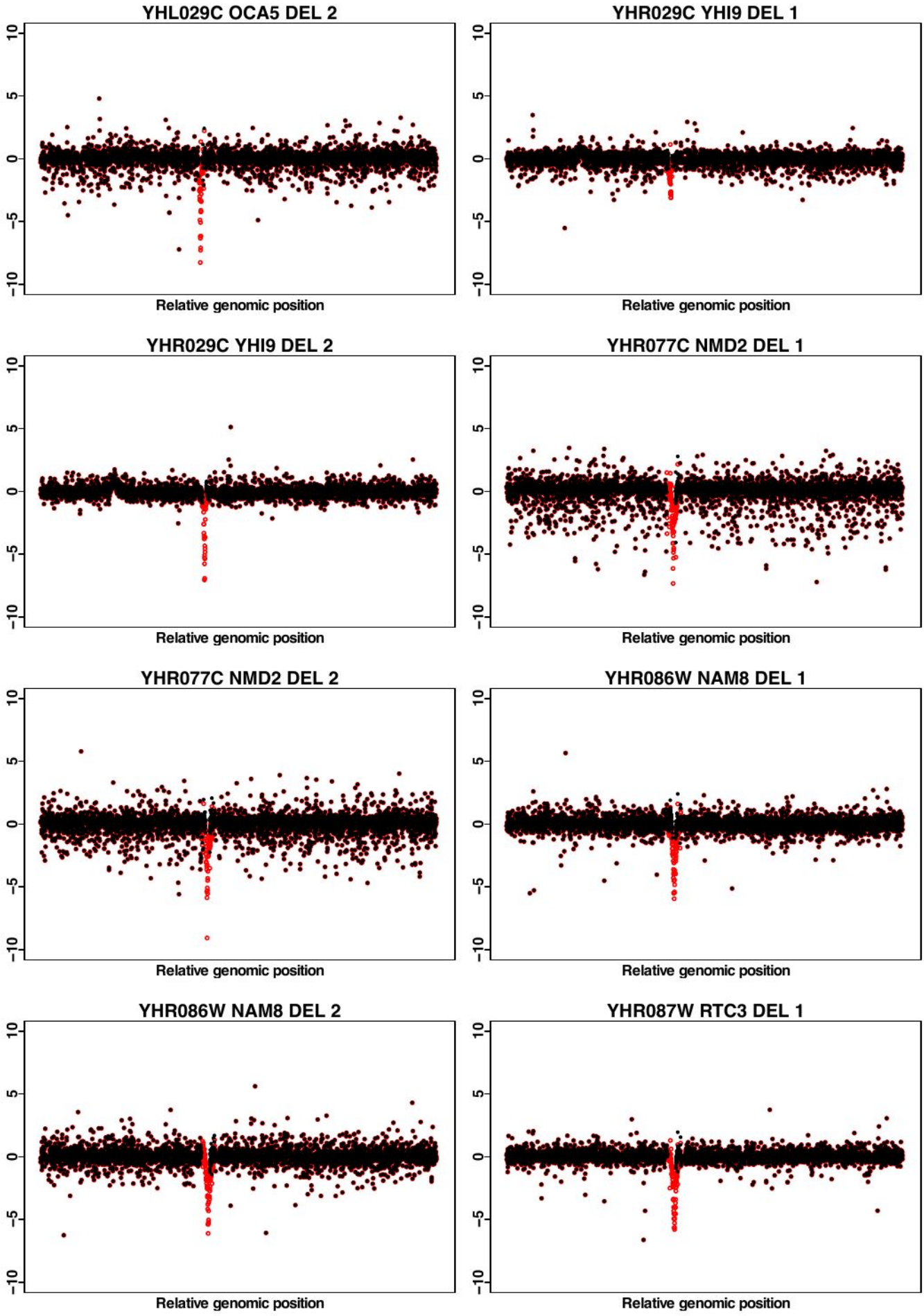

YDR510W SMT3 DAMP 2
YEL003W GIM4 DEL 1
YEL003W GIM4 DEL 2
YEL009C GCN4 DEL 1
YEL009C GCN4 DEL 2
YER010C YER010C DEL 1
YER010C YER010C DEL 2
YER035W EDC2 DEL 1
10
5
0
−5
−10
Relative genomic position

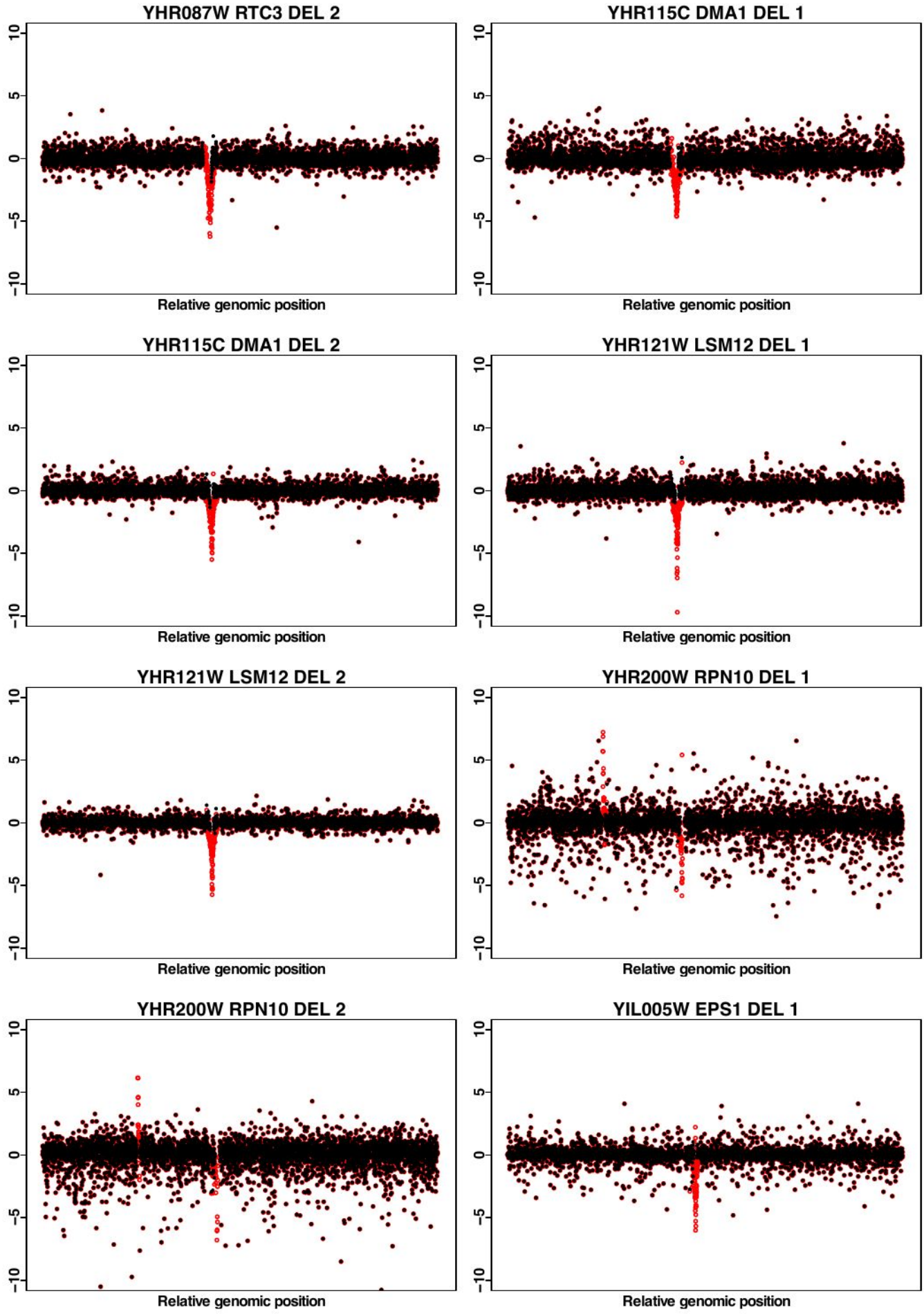

YER035W EDC2 DEL 2
YER048C CAJ1 DEL 1
YER048C CAJ1 DEL 2
YFL044C OTU1 DEL 1
YFL044C OTU1 DEL 2
YFR010W UBP6 DEL 1
YFR010W UBP6 DEL 2
YGL004C RPN14 DEL 1
10
5
0
−5
−10
Relative genomic position


YGL004C RPN14 DEL 2
YGL094C PAN2 DEL 1
YGL094C PAN2 DEL 2
YGL141W HUL5 DEL 1
YGL141W HUL5 DEL 2
YGL147C RPL9A DEL 1
YGL147C RPL9A DEL 2
YGL246C RAI1 DEL 1
10
5
0
−5
−10
Relative genomic position


YGL246C RAI1 DEL 2
YGR135W PRE9 DEL 1
YGR135W PRE9 DEL 2
YGR148C RPL24B DEL 1
YGR148C RPL24B DEL 2
YGR184C UBR1 DEL 1
YGR184C UBR1 DEL 2
YGR232W NAS6 DEL 1
10
5
0
−5
−10
Relative genomic position


YGR232W NAS6 DEL 2
YGR271W SLH1 DEL 1
YGR271W SLH1 DEL 2
YHL020C OPI1 DEL 1
YHL020C OPI1 DEL 2
YHL023C NPR3 DEL 1
YHL023C NPR3 DEL 2
YHL029C OCA5 DEL 1
10
5
0
−5
−10
Relative genomic position


YHL029C OCA5 DEL 2
YHR029C YHI9 DEL 1
YHR029C YHI9 DEL 2
YHR077C NMD2 DEL 1
YHR077C NMD2 DEL 2
YHR086W NAM8 DEL 1
YHR086W NAM8 DEL 2
YHR087W RTC3 DEL 1
10
5
0
−5
−10
Relative genomic position


YHR087W RTC3 DEL 2
YHR115C DMA1 DEL 1
YHR115C DMA1 DEL 2
YHR121W LSM12 DEL 1
YHR121W LSM12 DEL 2
YHR200W RPN10 DEL 1
YHR200W RPN10 DEL 2
YIL005W EPS1 DEL 1
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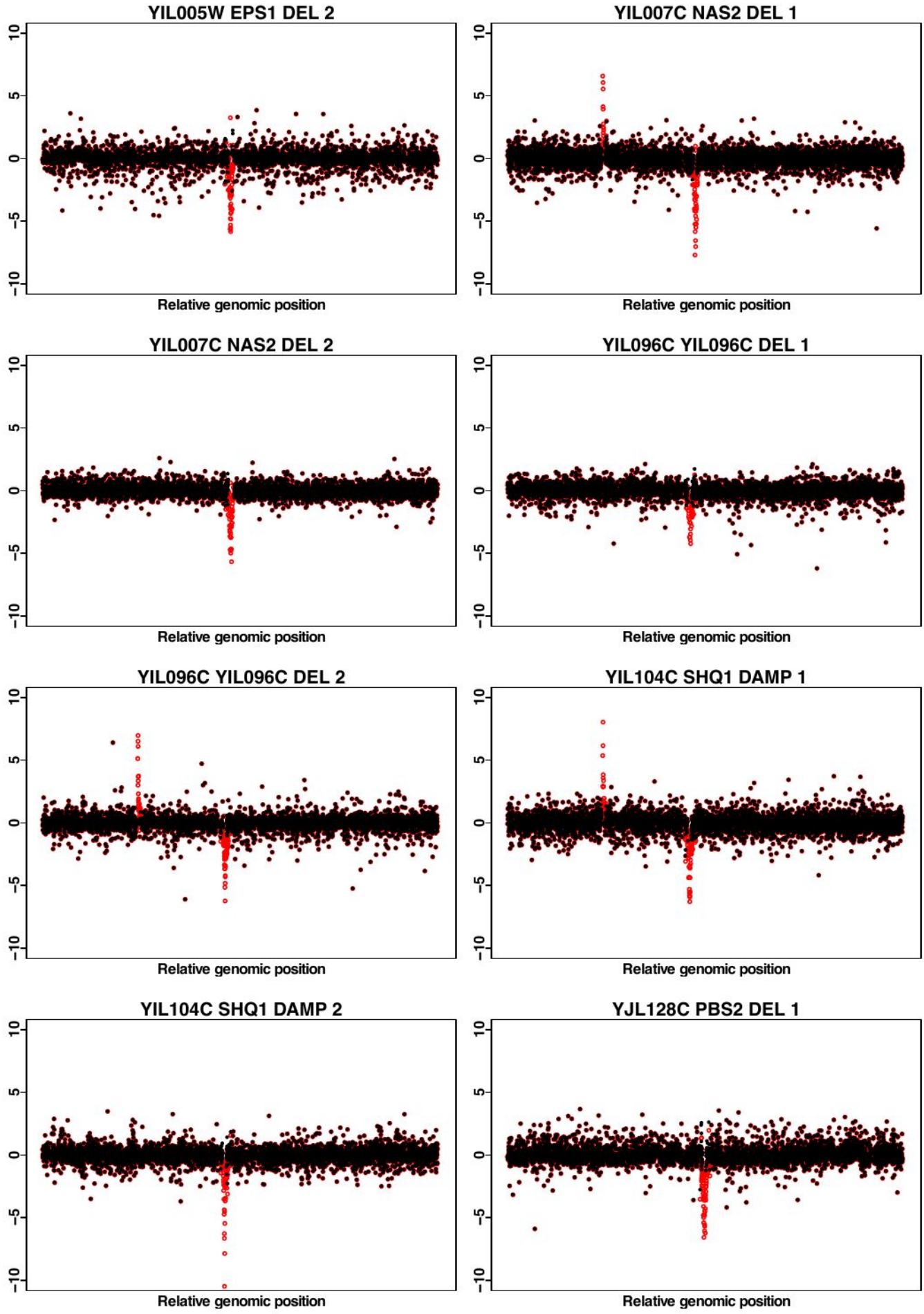
−5
−10
Relative genomic position


YIL005W EPS1 DEL 2
YIL007C NAS2 DEL 1
YIL007C NAS2 DEL 2
YIL096C YIL096C DEL 1
YIL096C YIL096C DEL 2
YIL104C SHQ1 DAMP 1
YIL104C SHQ1 DAMP 2
YJL128C PBS2 DEL 1
10
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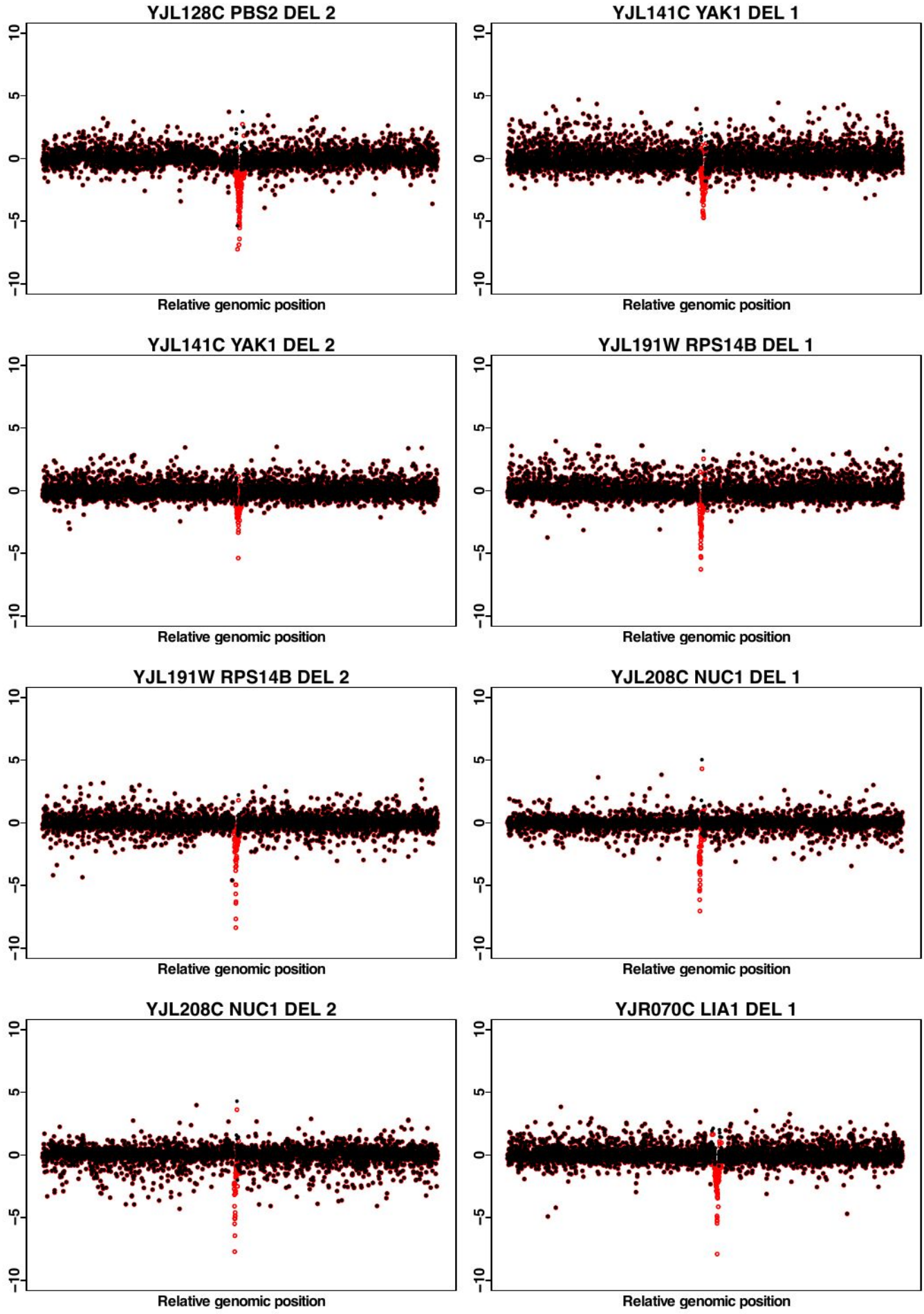
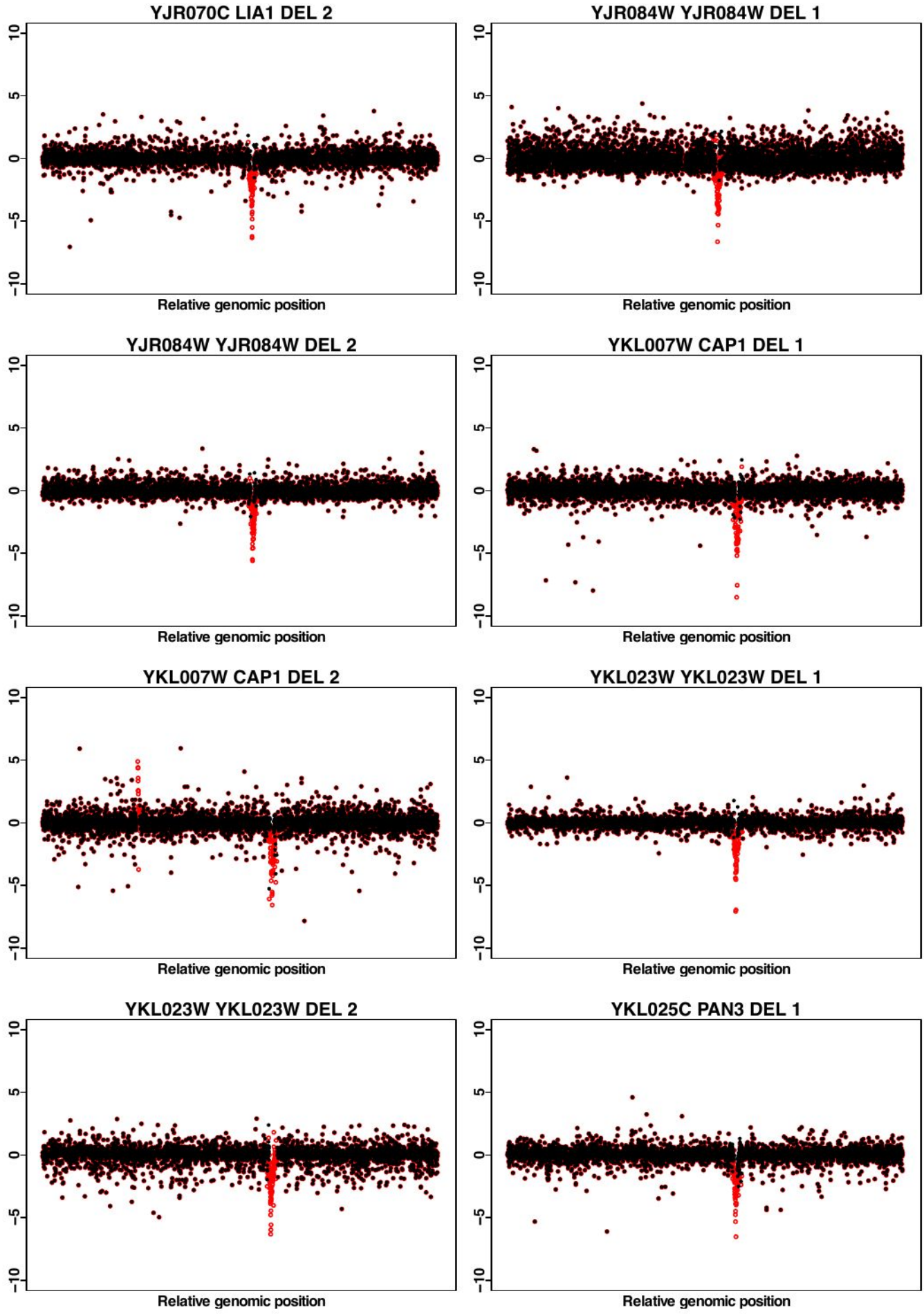
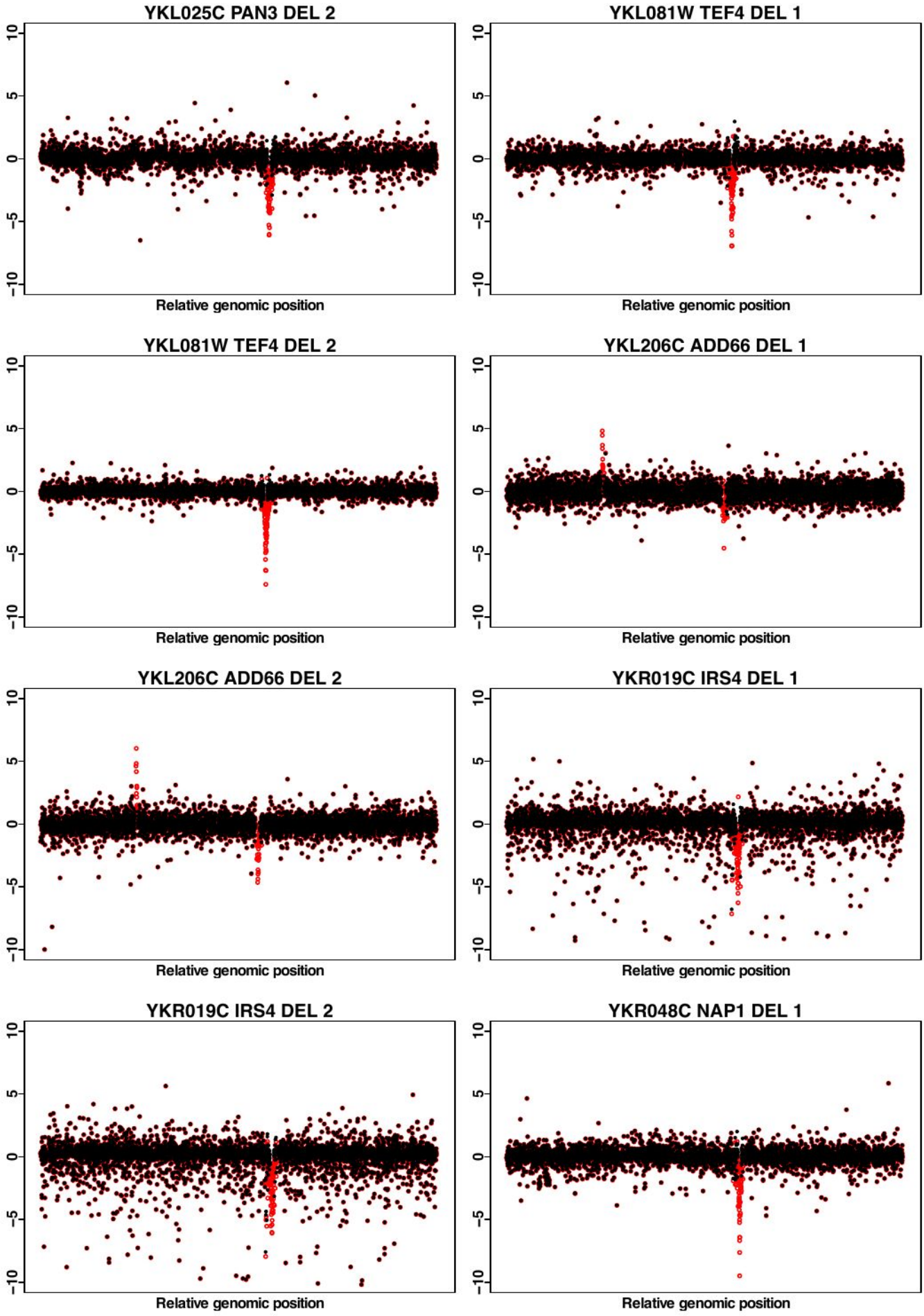
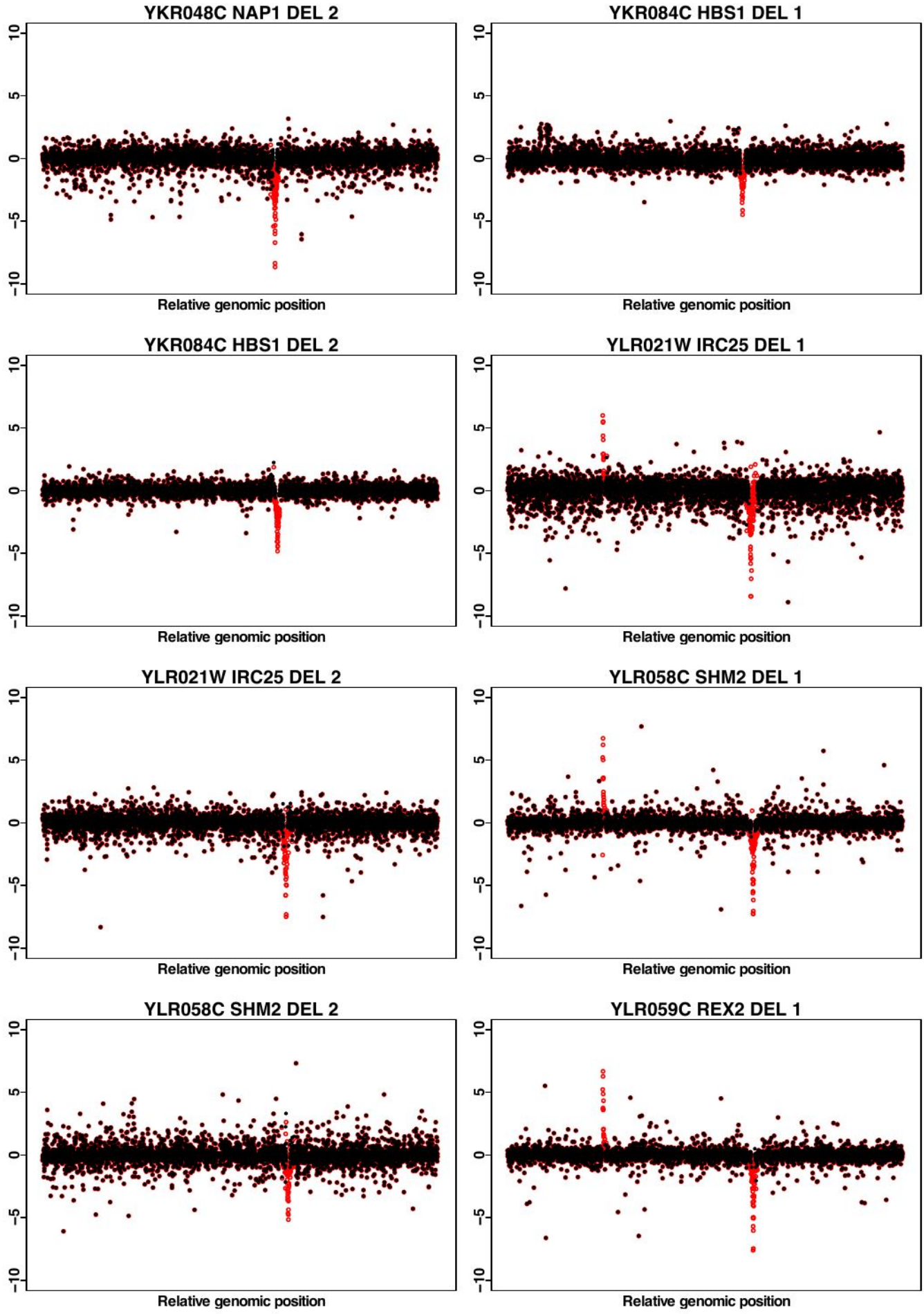
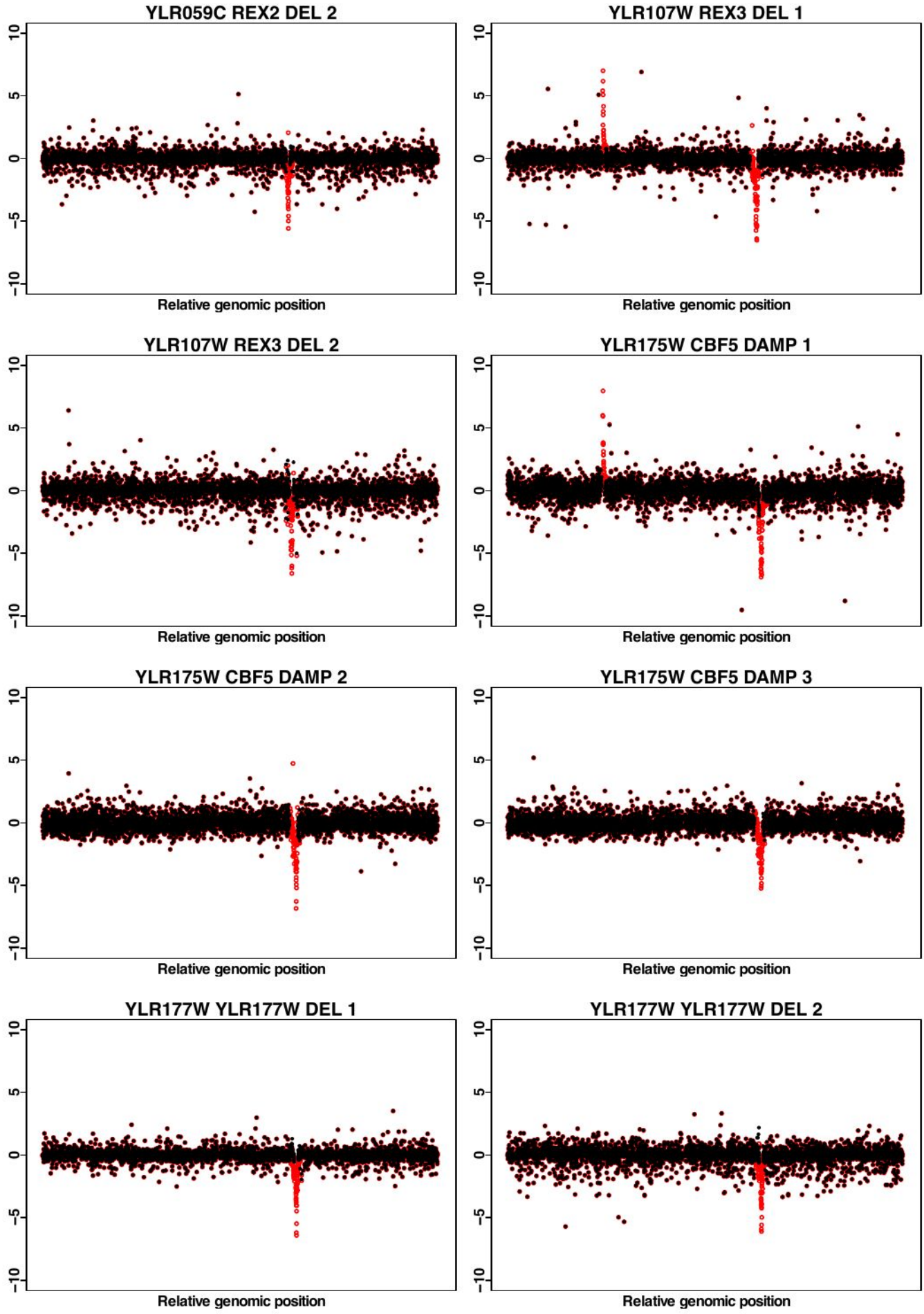
0
−5
−10
Relative genomic position

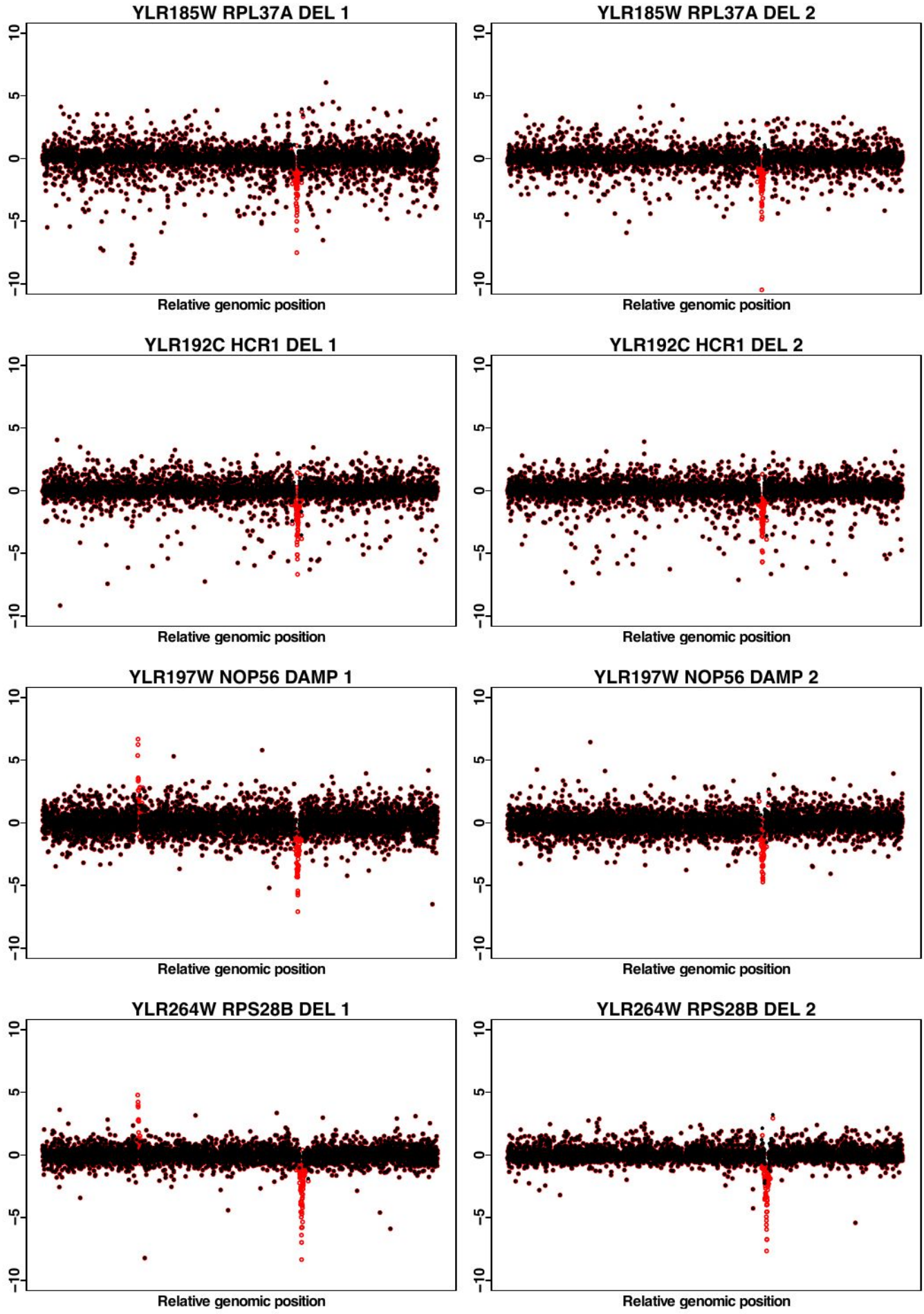

YJL128C PBS2 DEL 2
YJL141C YAK1 DEL 1
YJL141C YAK1 DEL 2
YJL191W RPS14B DEL 1
YJL191W RPS14B DEL 2
YJL208C NUC1 DEL 1
YJL208C NUC1 DEL 2
YJR070C LIA1 DEL 1
10
5
0
−5
−10
Relative genomic position

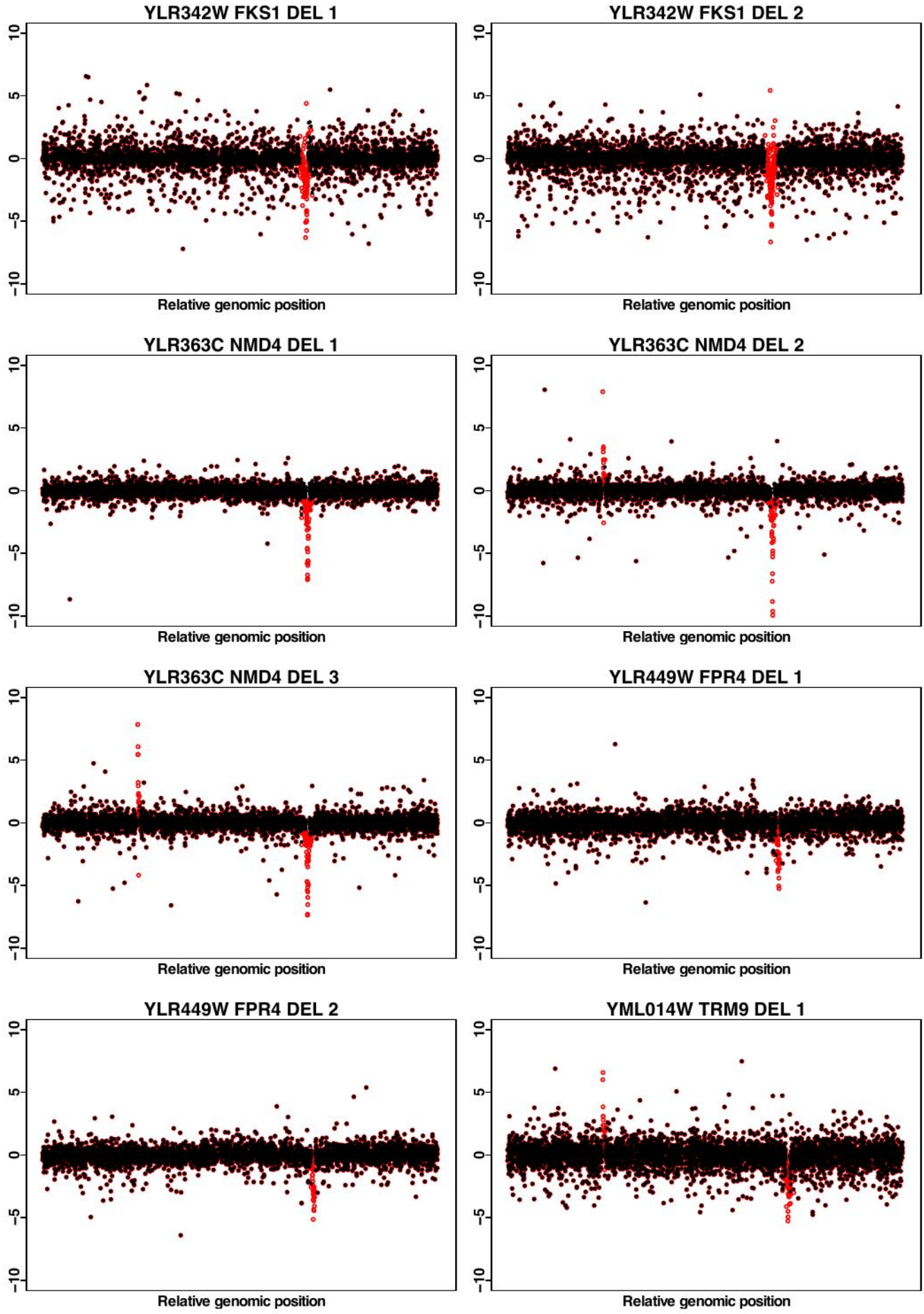

YJR070C LIA1 DEL 2
YJR084W YJR084W DEL 1
YJR084W YJR084W DEL 2
YKL007W CAP1 DEL 1
YKL007W CAP1 DEL 2
YKL023W YKL023W DEL 1
YKL023W YKL023W DEL 2
YKL025C PAN3 DEL 1
10
5
0
−5
−10
Relative genomic position

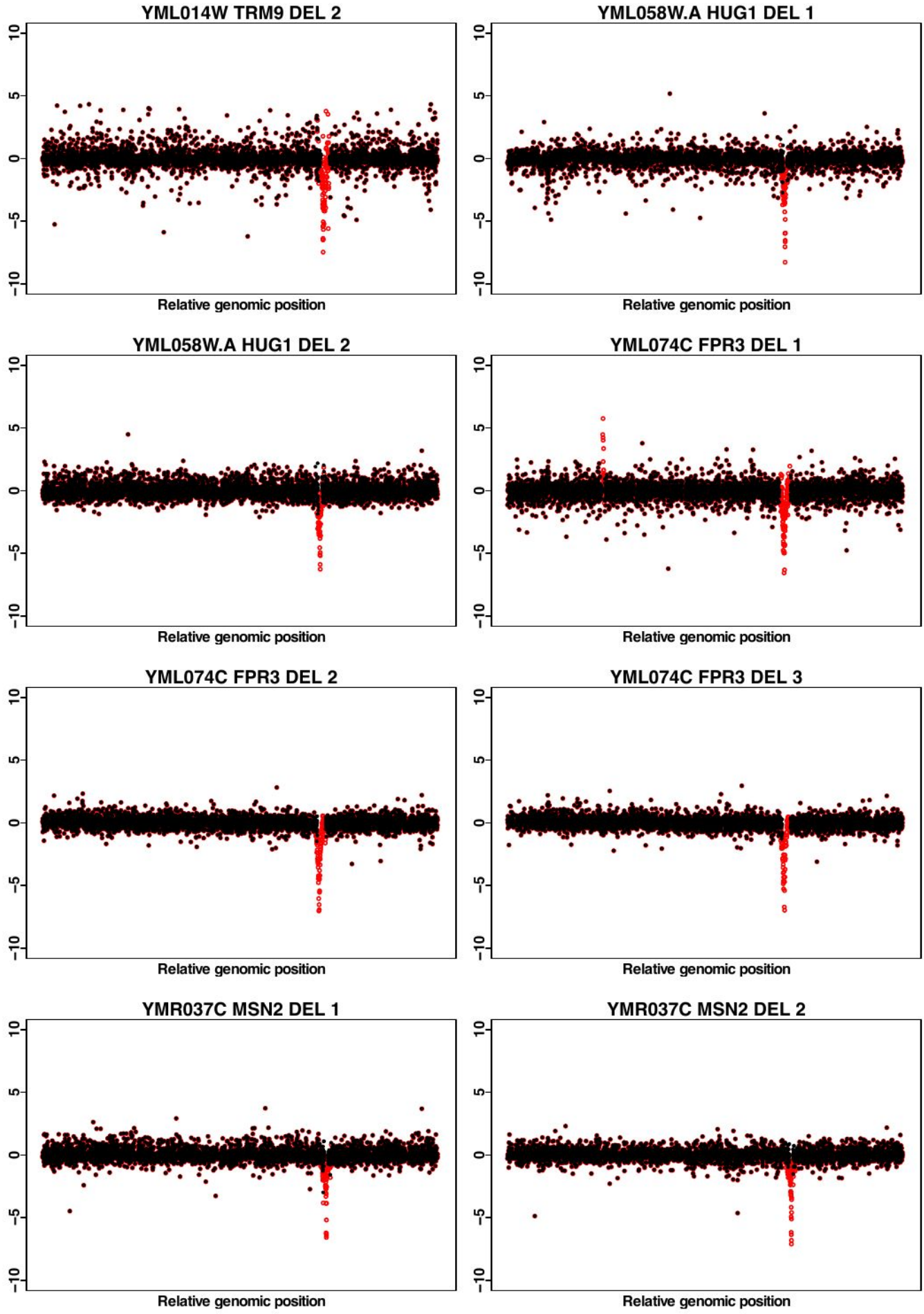

YKL025C PAN3 DEL 2
YKL081W TEF4 DEL 1
YKL081W TEF4 DEL 2
YKL206C ADD66 DEL 1
YKL206C ADD66 DEL 2
YKR019C IRS4 DEL 1
YKR019C IRS4 DEL 2
YKR048C NAP1 DEL 1
10
5
0
−5
−10
Relative genomic position

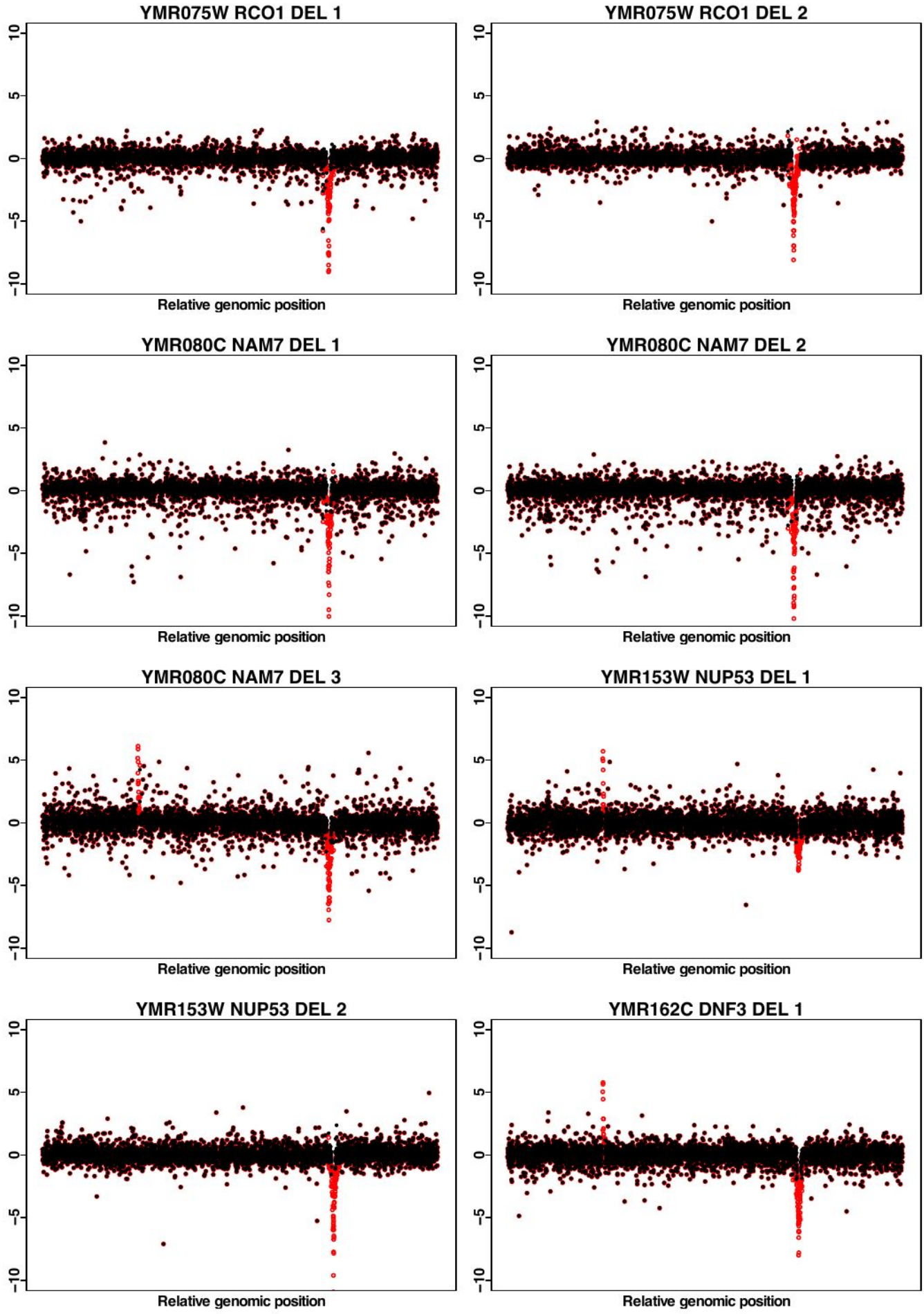

YKR048C NAP1 DEL 2
YKR084C HBS1 DEL 1
YKR084C HBS1 DEL 2
YLR021W IRC25 DEL 1
YLR021W IRC25 DEL 2
YLR058C SHM2 DEL 1
YLR058C SHM2 DEL 2
YLR059C REX2 DEL 1
10
5
0
−5
−10
Relative genomic position


YLR059C REX2 DEL 2
YLR107W REX3 DEL 1
YLR107W REX3 DEL 2
YLR175W CBF5 DAMP 1
YLR175W CBF5 DAMP 2
YLR175W CBF5 DAMP 3
YLR177W YLR177W DEL 1
YLR177W YLR177W DEL 2
10
5
0
−5
−10
Relative genomic position


YLR185W RPL37A DEL 1
YLR185W RPL37A DEL 2
YLR192C HCR1 DEL 1
YLR192C HCR1 DEL 2
YLR197W NOP56 DAMP 1
YLR197W NOP56 DAMP 2
YLR264W RPS28B DEL 1
YLR264W RPS28B DEL 2
10
5
0
−5
−10
Relative genomic position


YLR342W FKS1 DEL 1
YLR342W FKS1 DEL 2
YLR363C NMD4 DEL 1
YLR363C NMD4 DEL 2
YLR363C NMD4 DEL 3
YLR449W FPR4 DEL 1
YLR449W FPR4 DEL 2
YML014W TRM9 DEL 1
10
5
0
−5
−10
Relative genomic position


YML014W TRM9 DEL 2
YML058W.A HUG1 DEL 1
YML058W.A HUG1 DEL 2
YML074C FPR3 DEL 1
YML074C FPR3 DEL 2
YML074C FPR3 DEL 3
YMR037C MSN2 DEL 1
YMR037C MSN2 DEL 2
10
5
0
−5
−10
Relative genomic position


YMR075W RCO1 DEL 1
YMR075W RCO1 DEL 2
YMR080C NAM7 DEL 1
YMR080C NAM7 DEL 2
YMR080C NAM7 DEL 3
YMR153W NUP53 DEL 1
YMR153W NUP53 DEL 2
YMR162C DNF3 DEL 1
10
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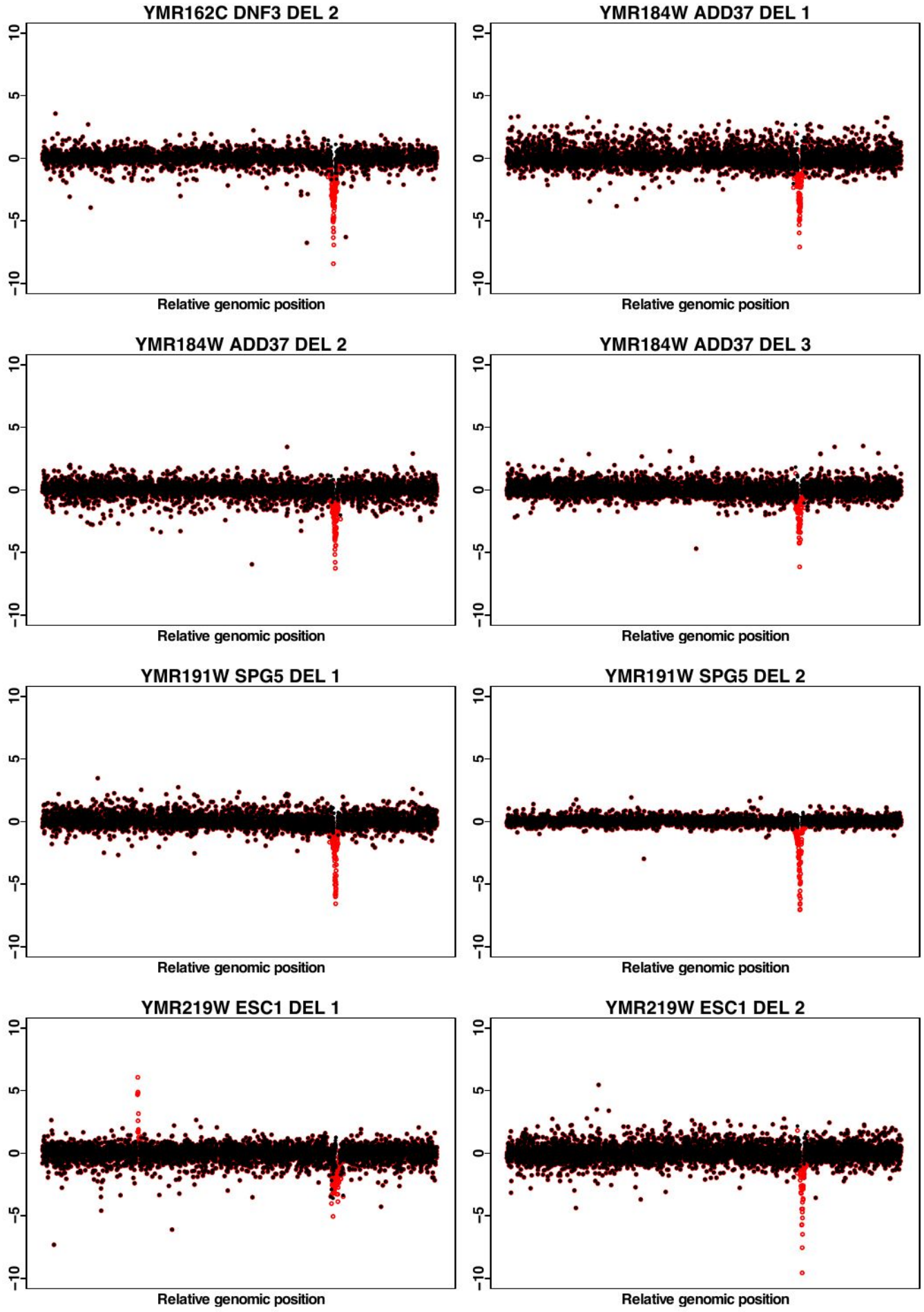
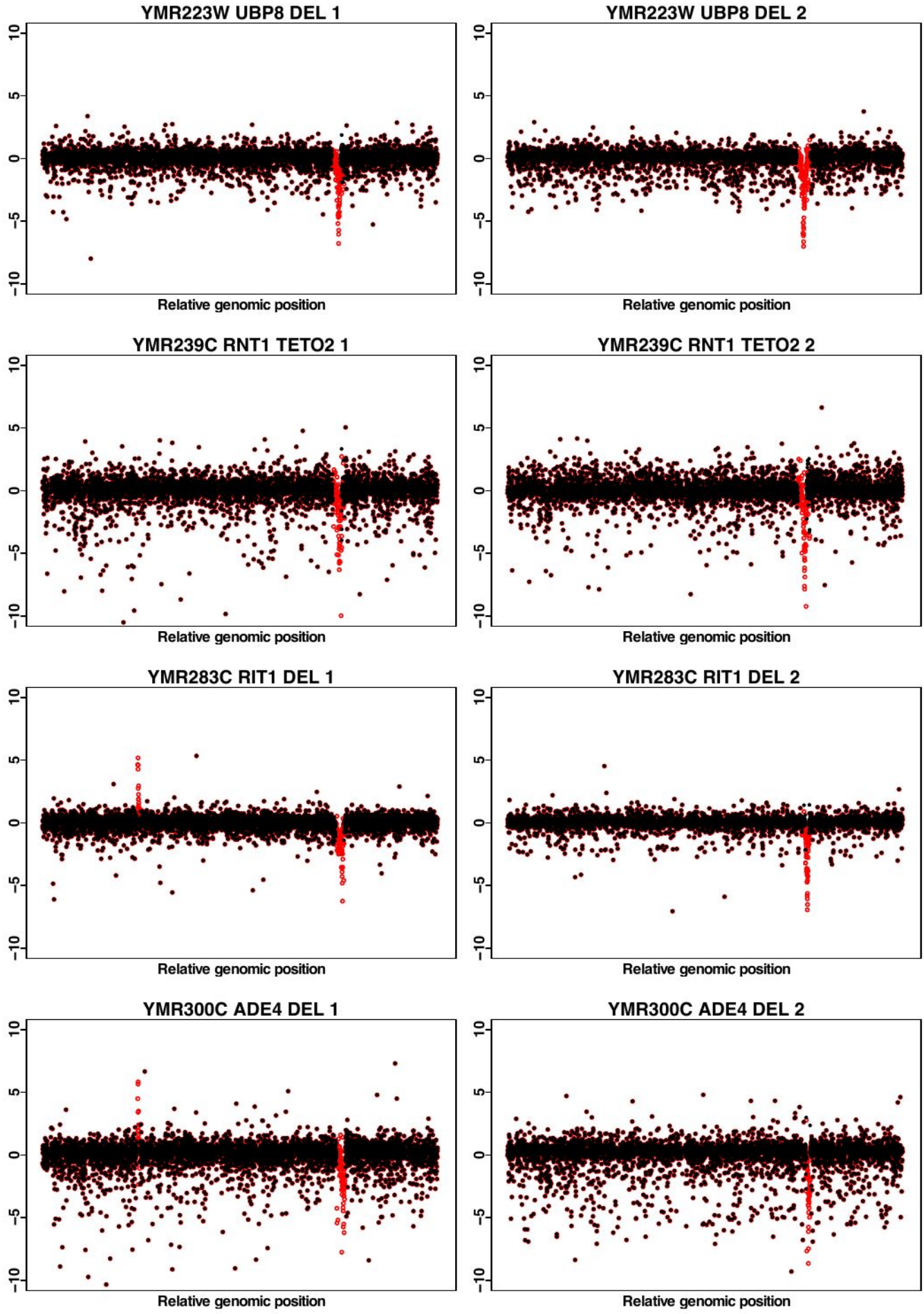
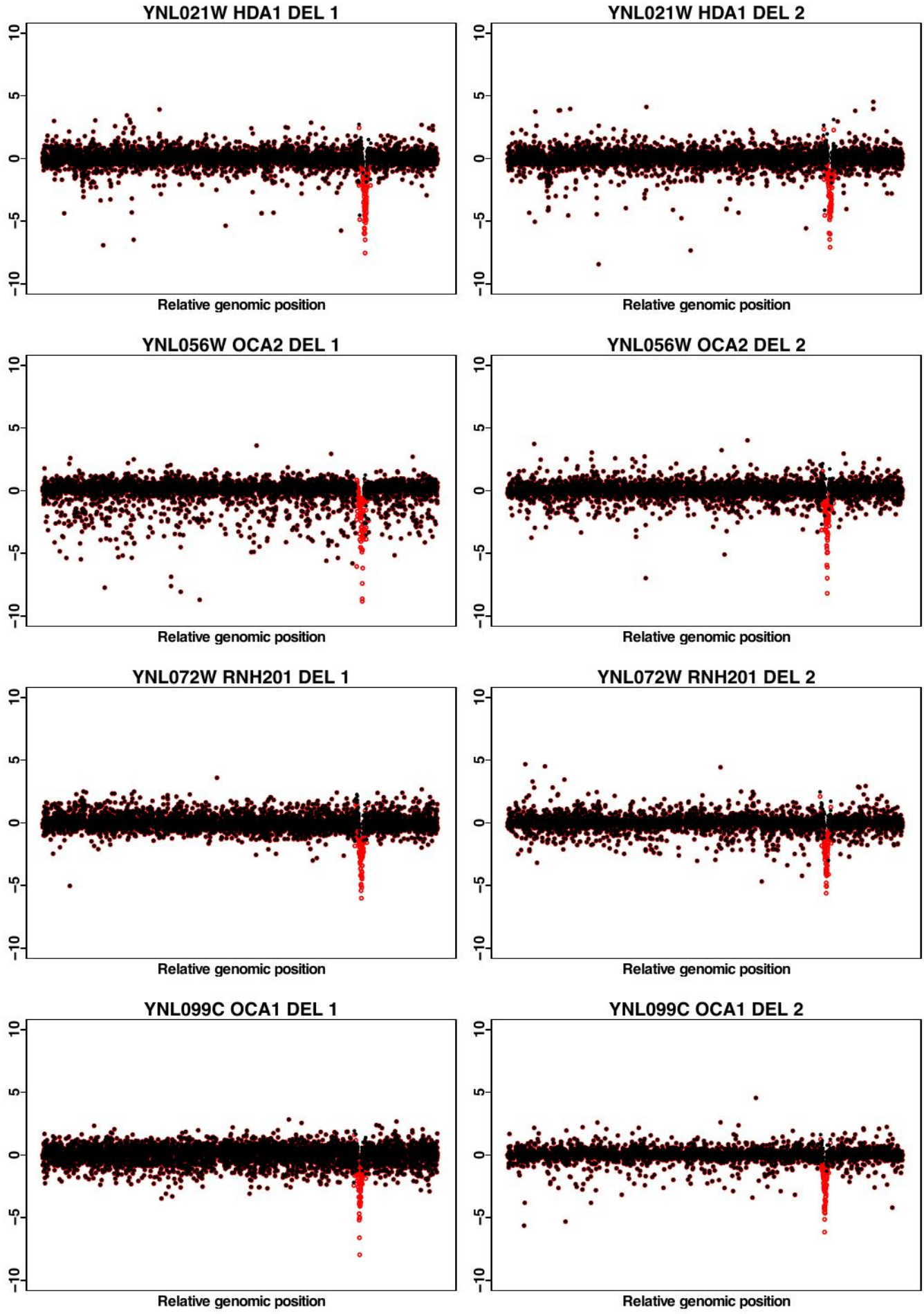
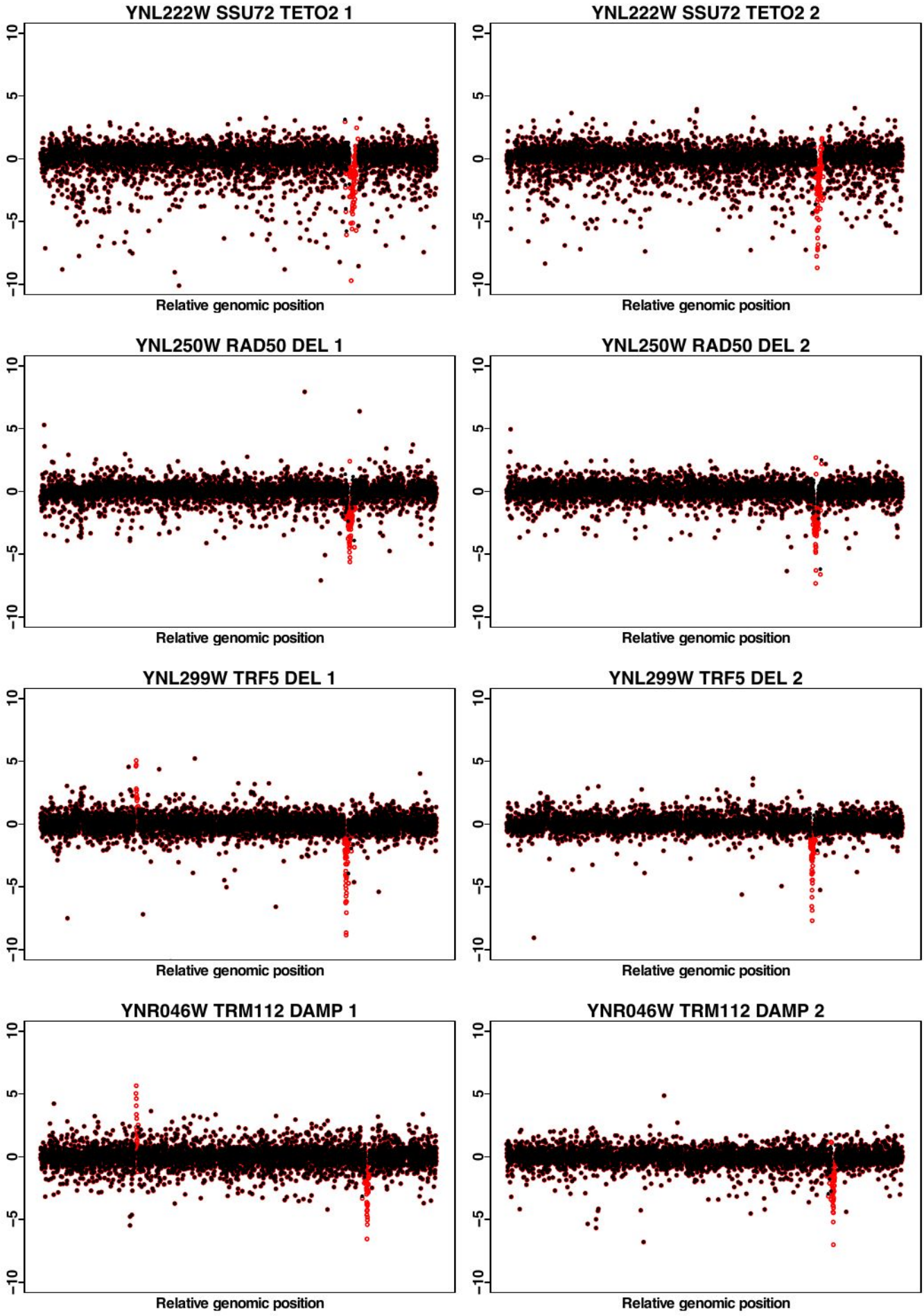
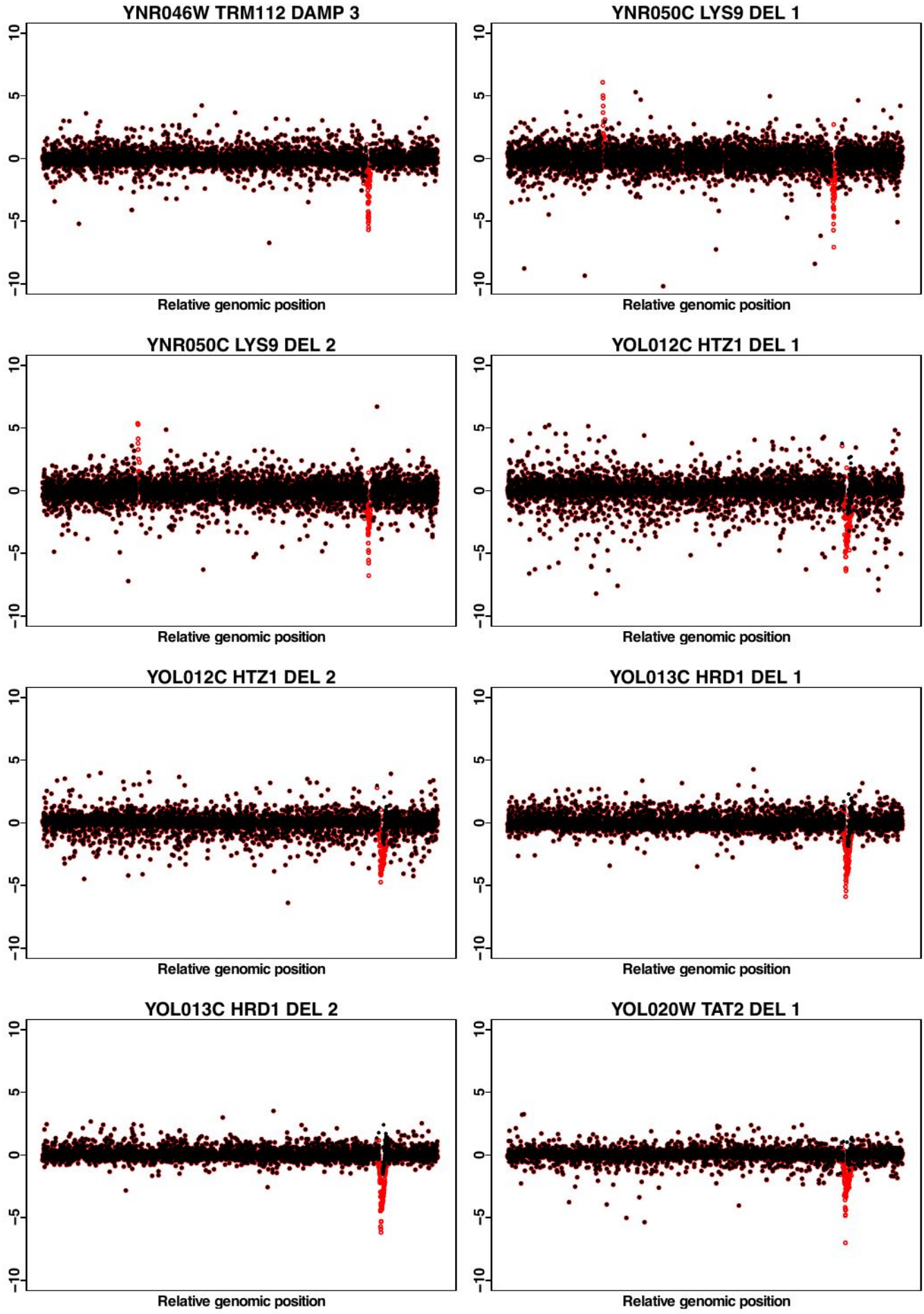
−5
−10
Relative genomic position

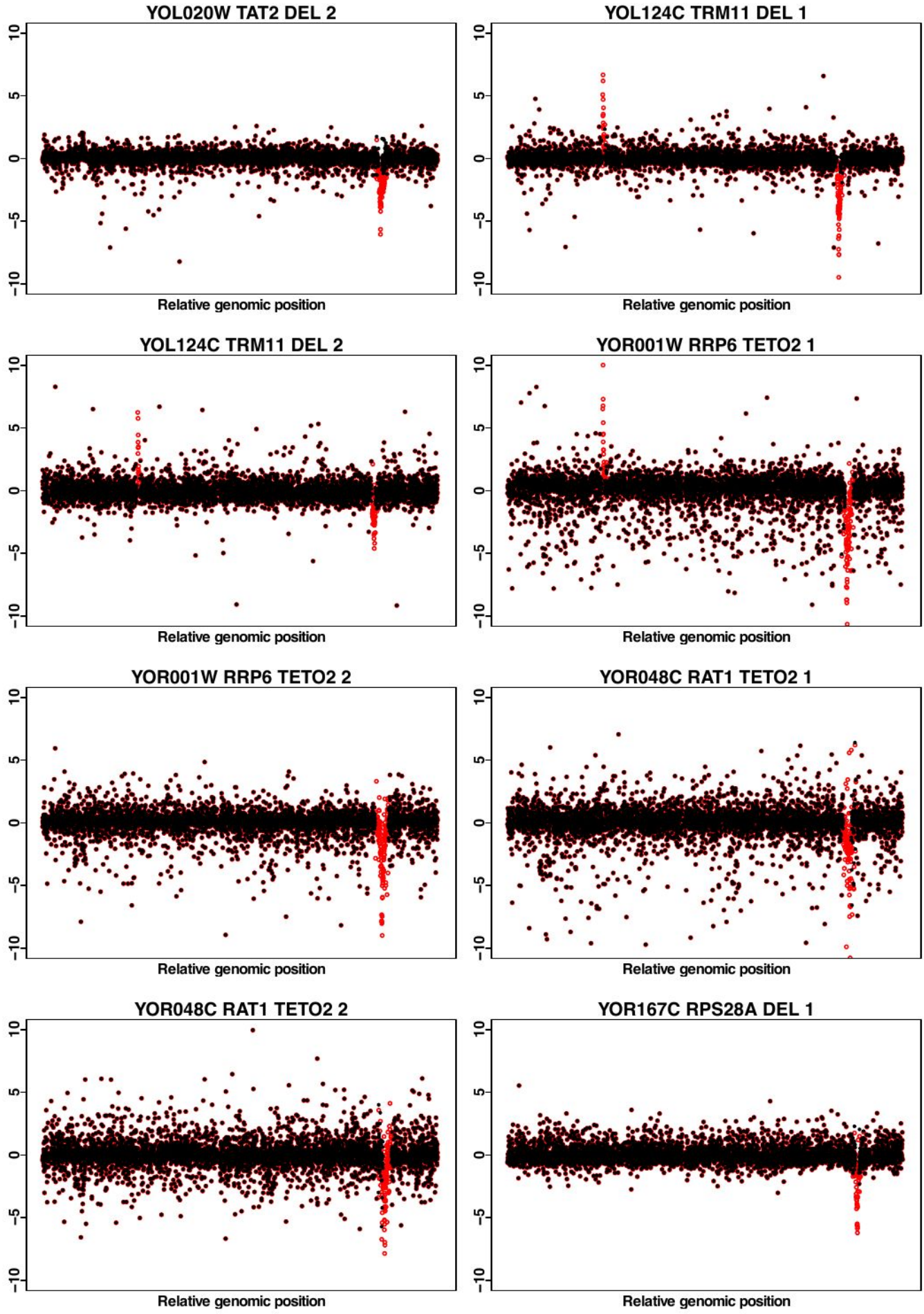

YMR162C DNF3 DEL 2
YMR184W ADD37 DEL 1
YMR184W ADD37 DEL 2
YMR184W ADD37 DEL 3
YMR191W SPG5 DEL 1
YMR191W SPG5 DEL 2
YMR219W ESC1 DEL 1
YMR219W ESC1 DEL 2
10
5
0
−5
−10
Relative genomic position

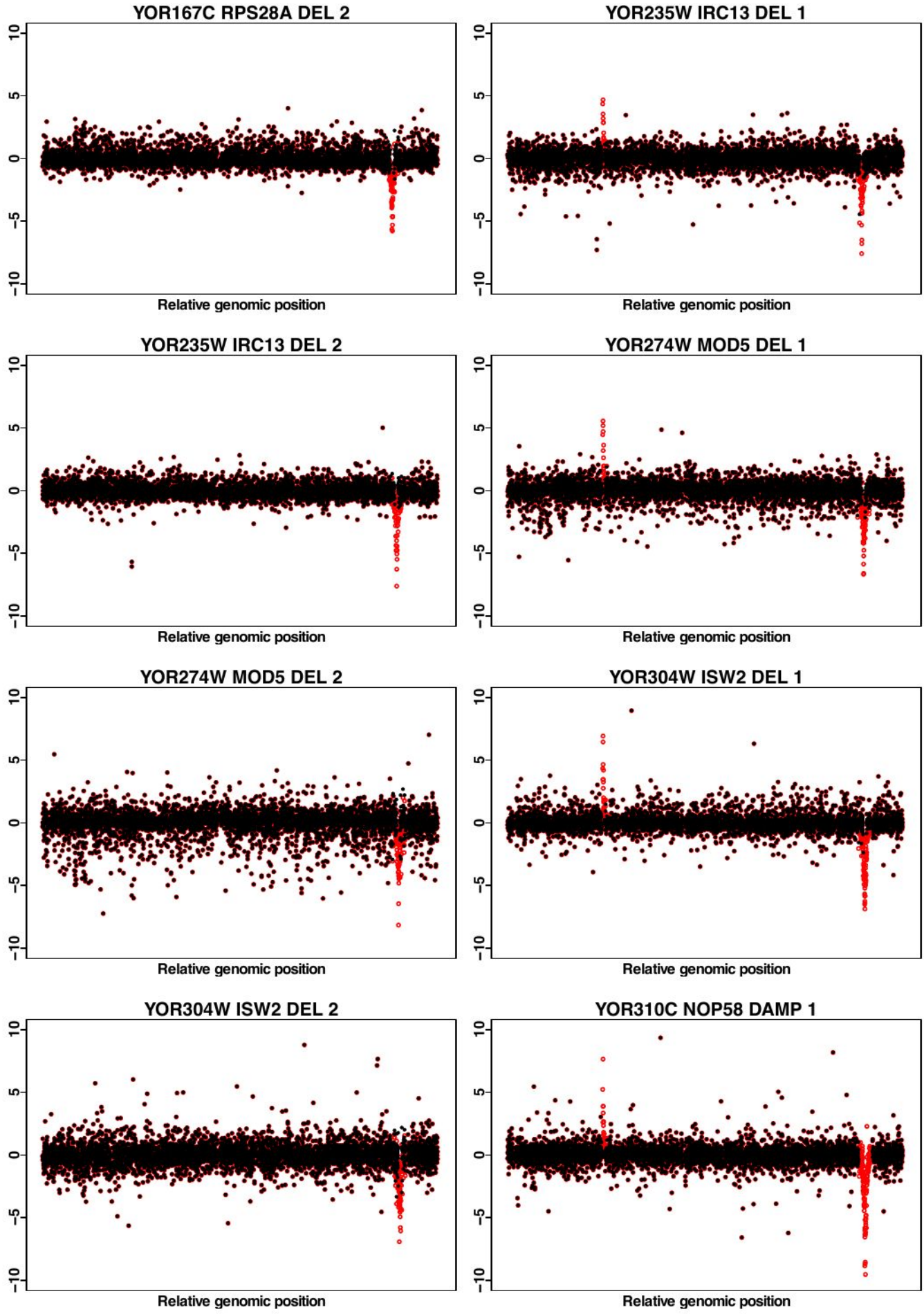

YMR223W UBP8 DEL 1
YMR223W UBP8 DEL 2
YMR239C RNT1 TETO2 1
YMR239C RNT1 TETO2 2
YMR283C RIT1 DEL 1
YMR283C RIT1 DEL 2
YMR300C ADE4 DEL 1
YMR300C ADE4 DEL 2
10
5
0
−5
−10
Relative genomic position

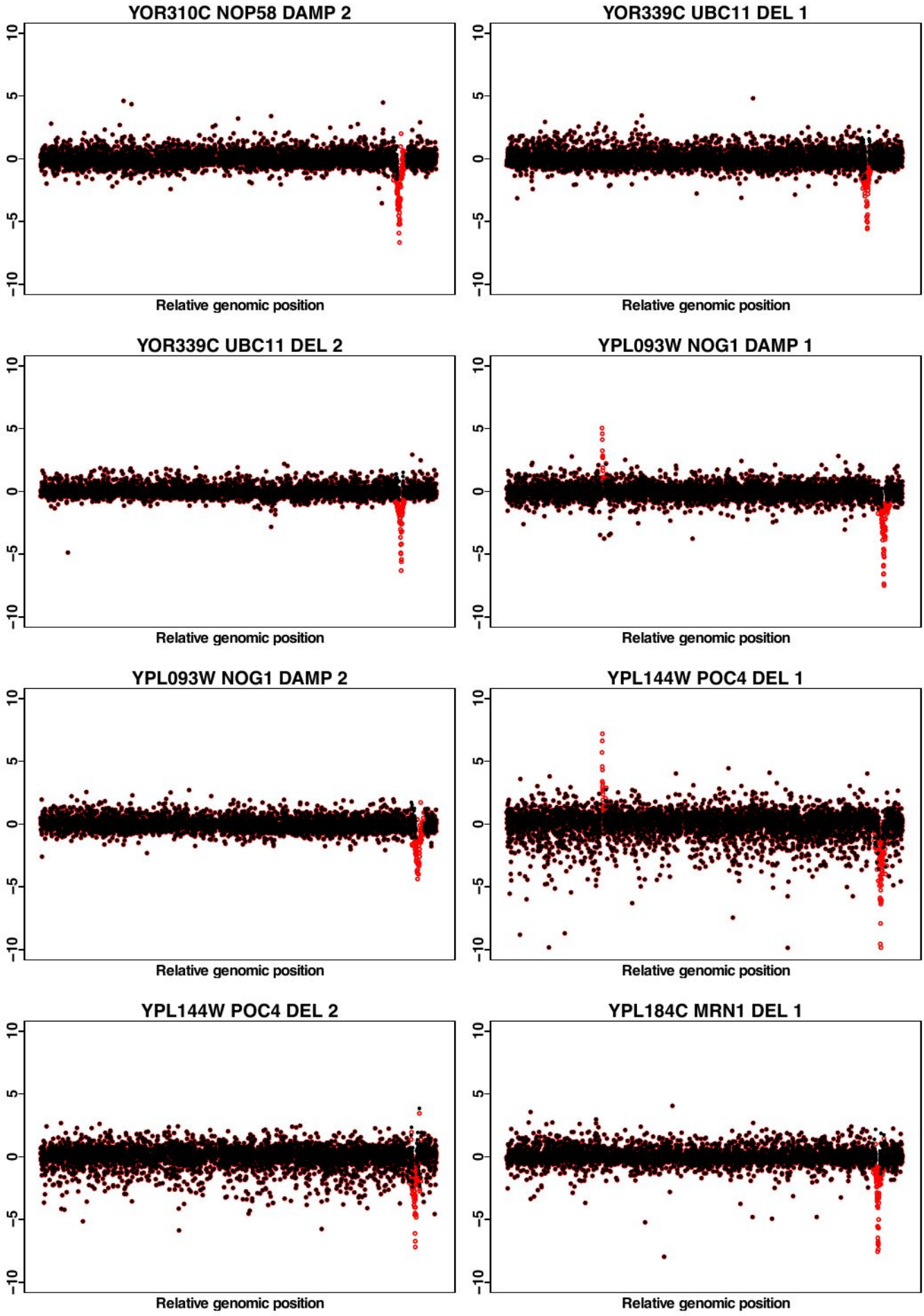

YNL021W HDA1 DEL 1
YNL021W HDA1 DEL 2
YNL056W OCA2 DEL 1
YNL056W OCA2 DEL 2
YNL072W RNH201 DEL 1
YNL072W RNH201 DEL 2
YNL099C OCA1 DEL 1
YNL099C OCA1 DEL 2
10
5
0
−5
−10
Relative genomic position

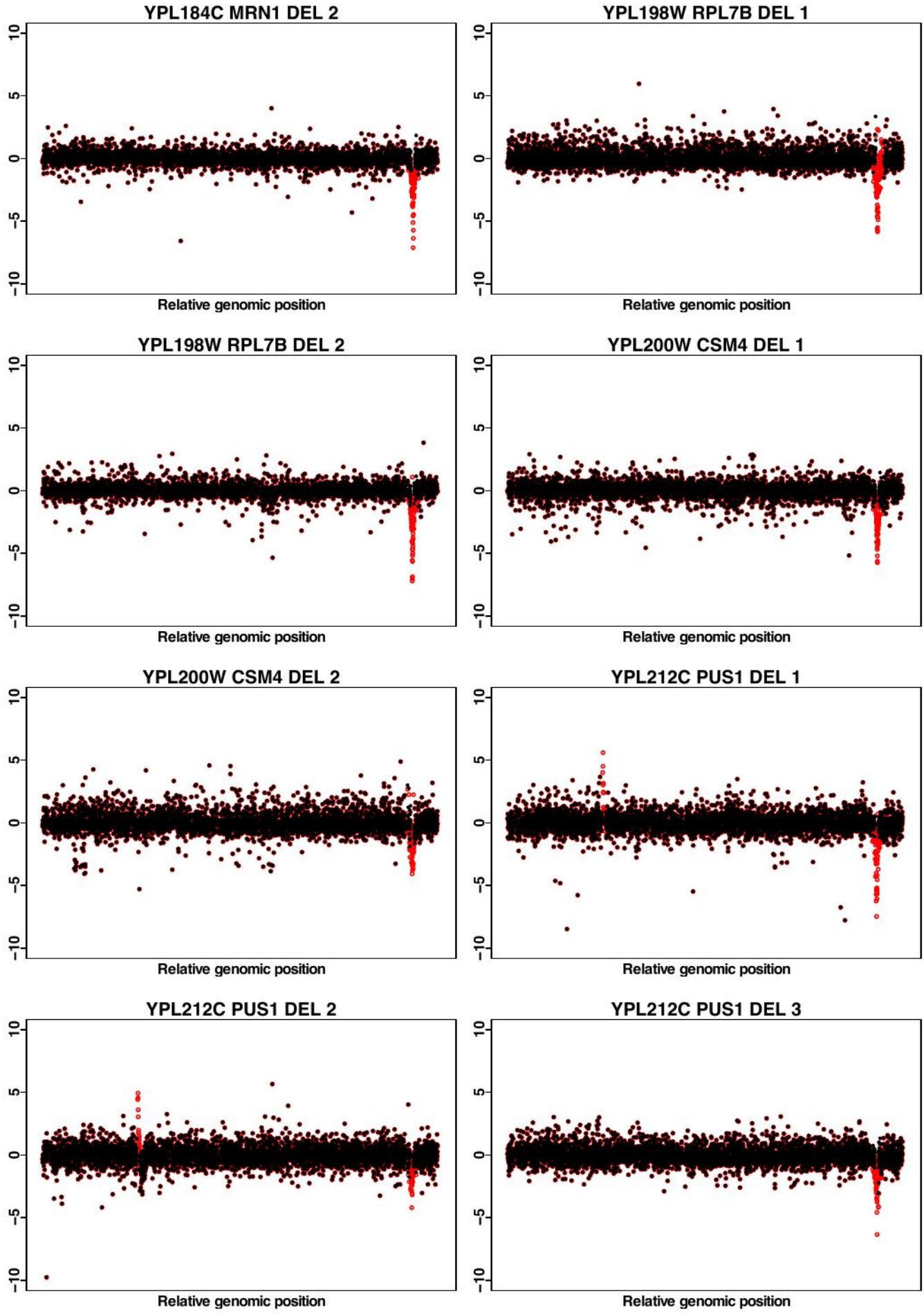

YNL222W SSU72 TETO2 1
YNL222W SSU72 TETO2 2
YNL250W RAD50 DEL 1
YNL250W RAD50 DEL 2
YNL299W TRF5 DEL 1
YNL299W TRF5 DEL 2
YNR046W TRM112 DAMP 1
YNR046W TRM112 DAMP 2
10
5
0
−5
−10
Relative genomic position

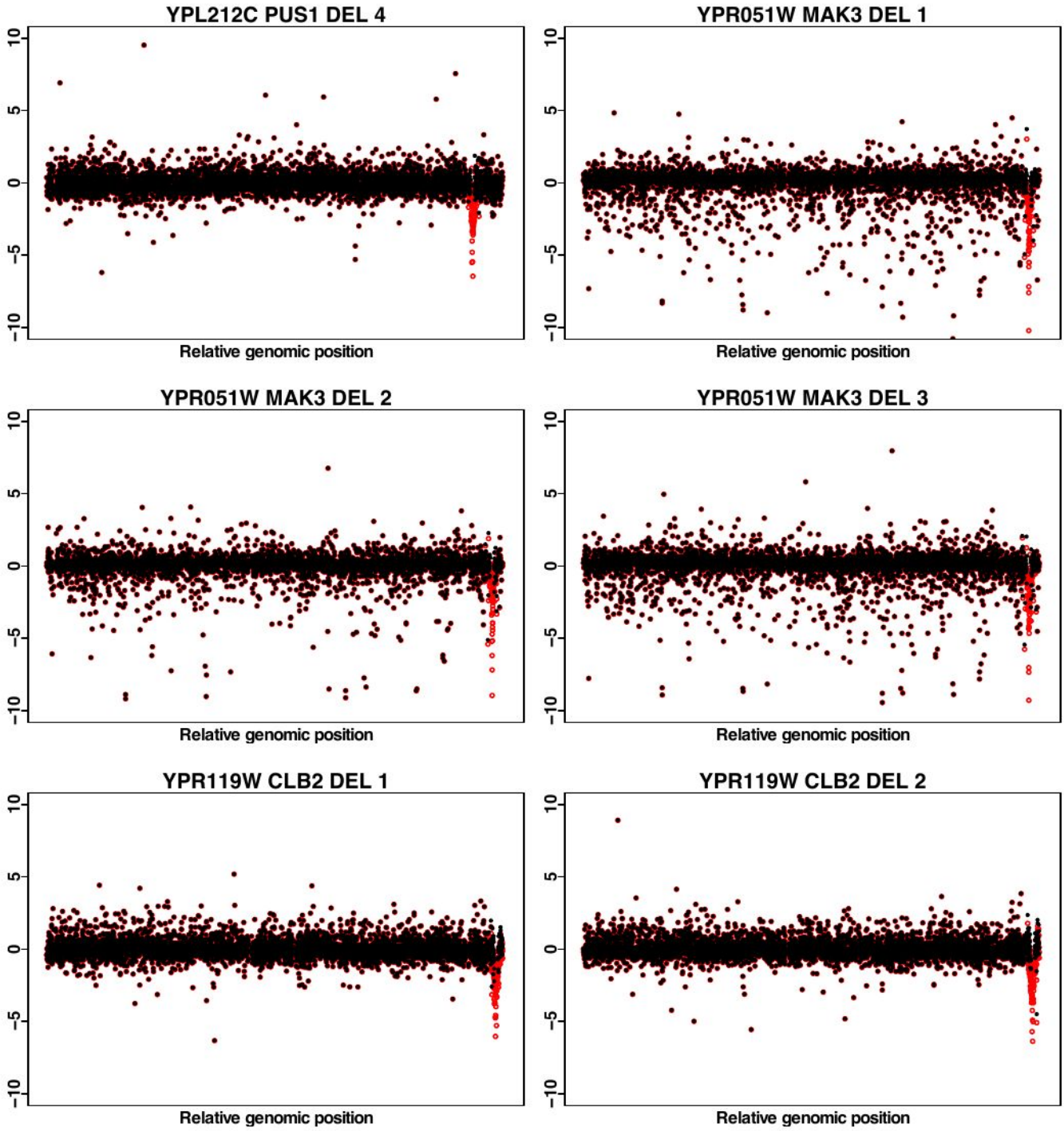

YNR046W TRM112 DAMP 3
YNR050C LYS9 DEL 1
YNR050C LYS9 DEL 2
YOL012C HTZ1 DEL 1
YOL012C HTZ1 DEL 2
YOL013C HRD1 DEL 1
YOL013C HRD1 DEL 2
YOL020W TAT2 DEL 1
10
5
0
−5
−10
Relative genomic position


YOL020W TAT2 DEL 2
YOL124C TRM11 DEL 1
YOL124C TRM11 DEL 2
YOR001W RRP6 TETO2 1
YOR001W RRP6 TETO2 2
YOR048C RAT1 TETO2 1
YOR048C RAT1 TETO2 2
YOR167C RPS28A DEL 1
10
5
0
−5
−10
Relative genomic position


YOR167C RPS28A DEL 2
YOR235W IRC13 DEL 1
YOR235W IRC13 DEL 2
YOR274W MOD5 DEL 1
YOR274W MOD5 DEL 2
YOR304W ISW2 DEL 1
YOR304W ISW2 DEL 2
YOR310C NOP58 DAMP 1
10
5
0
−5
−10
Relative genomic position


YOR310C NOP58 DAMP 2
YOR339C UBC11 DEL 1
YOR339C UBC11 DEL 2
YPL093W NOG1 DAMP 1
YPL093W NOG1 DAMP 2
YPL144W POC4 DEL 1
YPL144W POC4 DEL 2
YPL184C MRN1 DEL 1
10
5
0
−5
−10
Relative genomic position


YPL184C MRN1 DEL 2
YPL198W RPL7B DEL 1
YPL198W RPL7B DEL 2
YPL200W CSM4 DEL 1
YPL200W CSM4 DEL 2
YPL212C PUS1 DEL 1
YPL212C PUS1 DEL 2
YPL212C PUS1 DEL 3
10
5
0
−5
−10
Relative genomic position


YPL212C PUS1 DEL 4
YPR051W MAK3 DEL 1
YPR051W MAK3 DEL 2
YPR051W MAK3 DEL 3
YPR119W CLB2 DEL 1
YPR119W CLB2 DEL 2
10
5
0
−5
−10
Relative genomic position