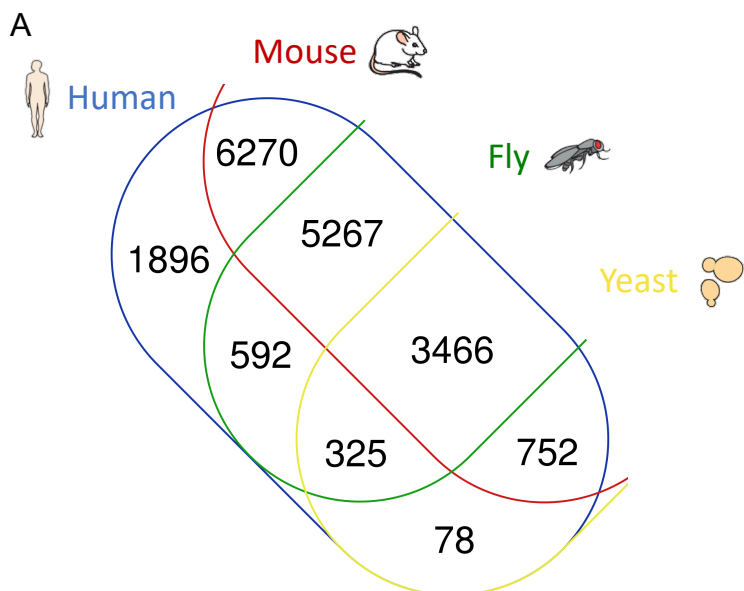
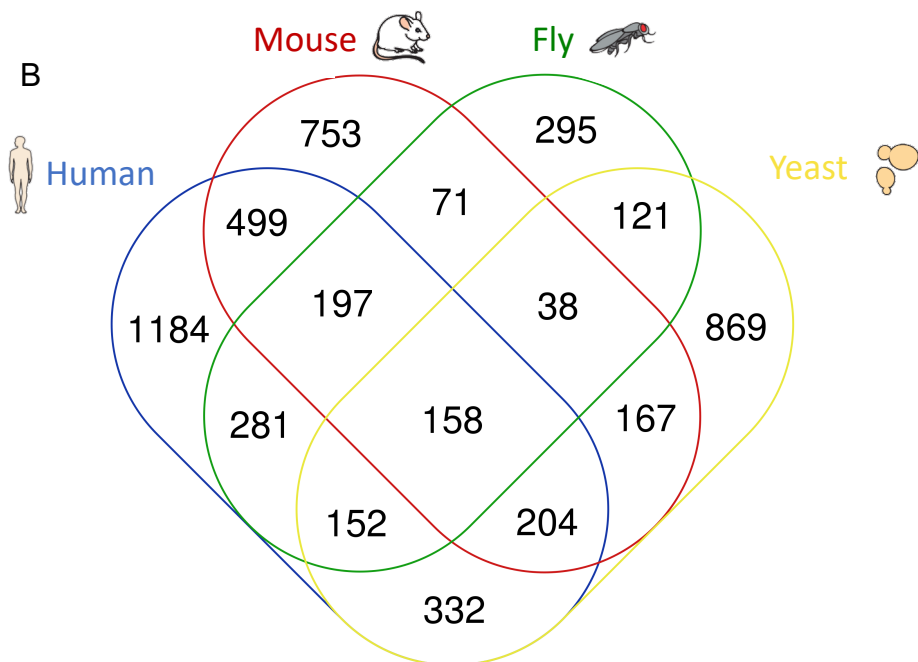


Supplementary Figure 1



Overlap	Overlap proteins/ unique Human proteins	Percent from unique Human proteins
Human-Mouse	15755/18646	84.5
Human-Fly	9650/18646	51.8
Human-Yeast	4621/18646	24.7
All four species	3466/18646	18.6



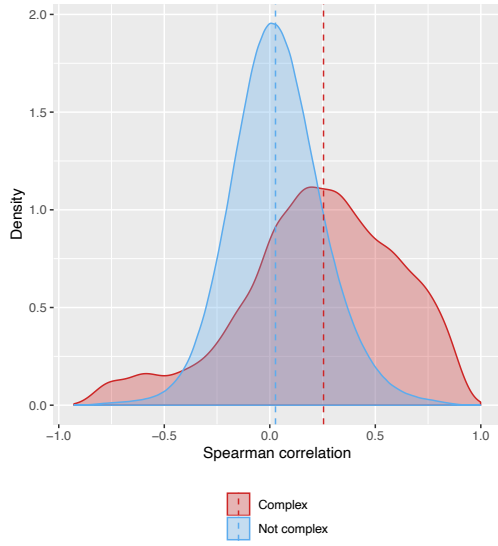
Overlap	Overlap proteins/ unique Human proteins	Percent from unique Human proteins
Human-Mouse	1058/3007	35.2
Human-Fly	788/3007	26.2
Human-Yeast	846/3007	28.1
All four species	158/3007	5.3

Supplementary Figure 2

Human



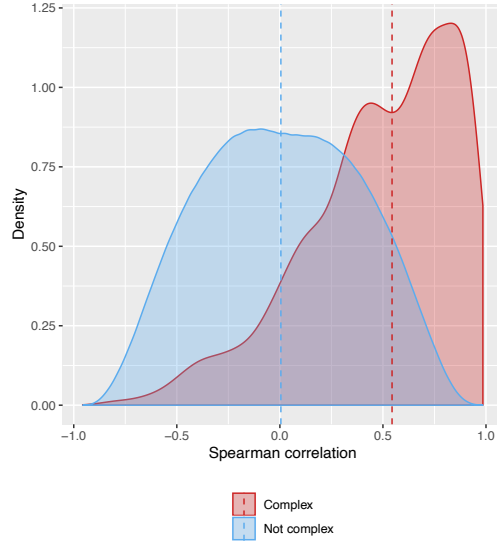
pval <0.001 Ncomplex = 17453 Nnotcomplex = 5008582



Mouse



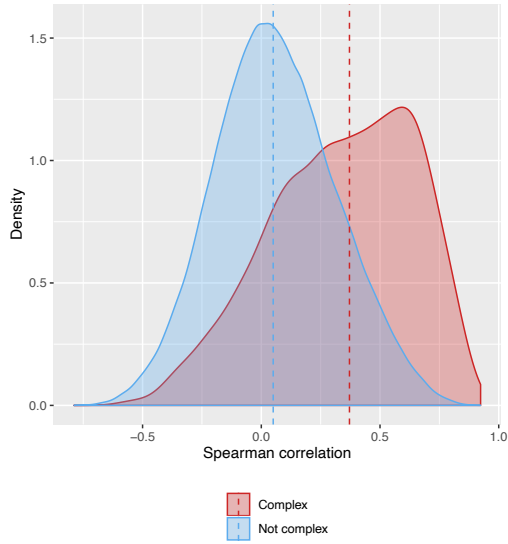
pval <0.001 Ncomplex = 1739 Nnotcomplex = 6650389



Fly



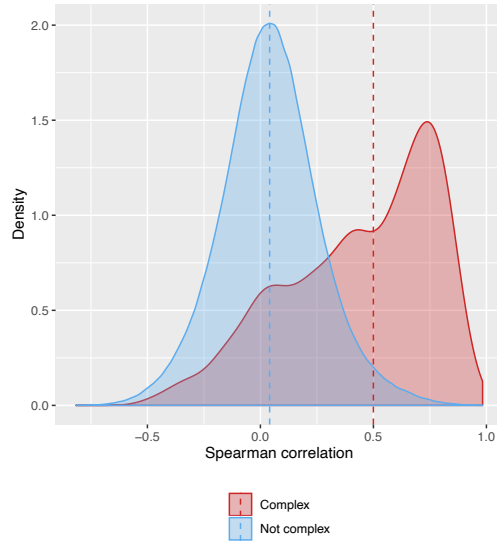
pval <0.001 Ncomplex = 2261 Nnotcomplex = 308605



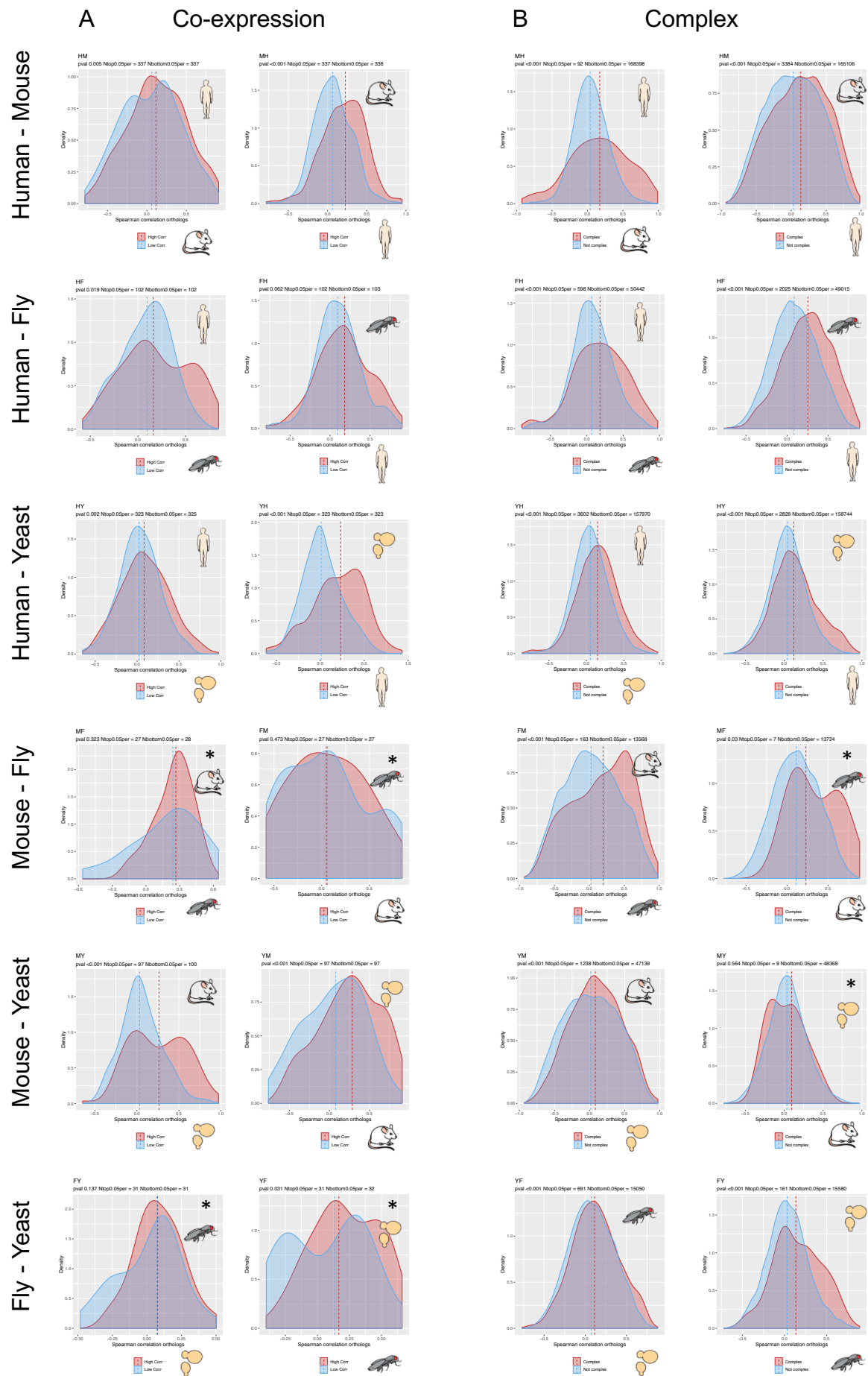
Yeast



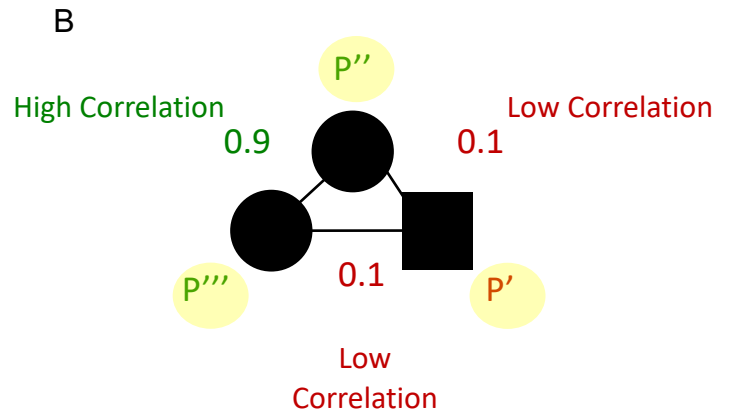
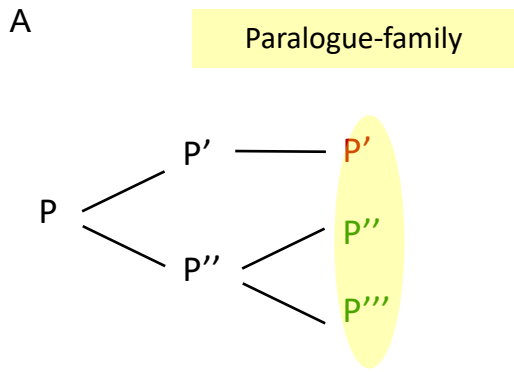
pval <0.001 Ncomplex = 1807 Nnotcomplex = 1730784



Supplementary Figure 3



Supplementary Figure 4



Supplementary Figure 5

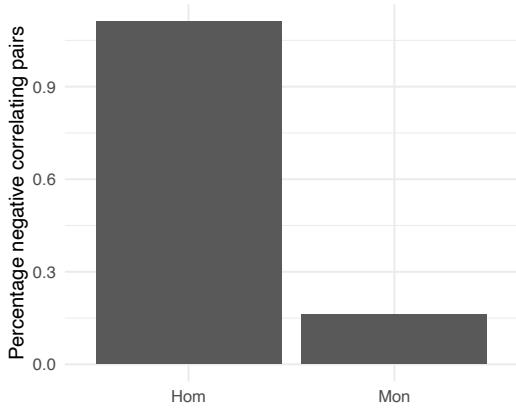
A



Human

pval 0.042, cutoff -0.7

Hom neg/all 6/540, Mon neg/all 1/620



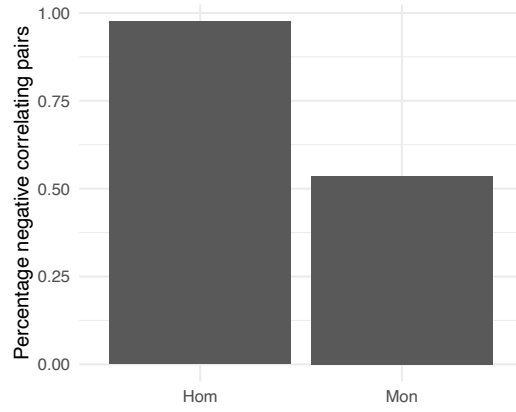
B



Mouse

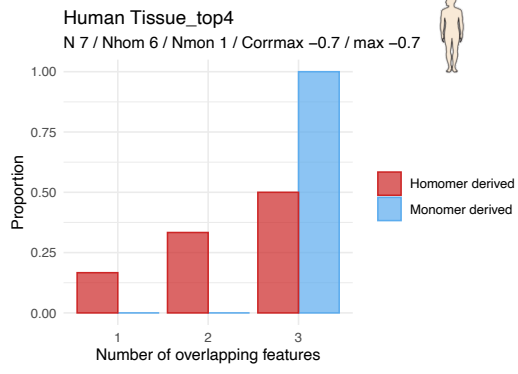
pval 0.221, cutoff -0.7

Hom neg/all 6/615, Mon neg/all 6/1121

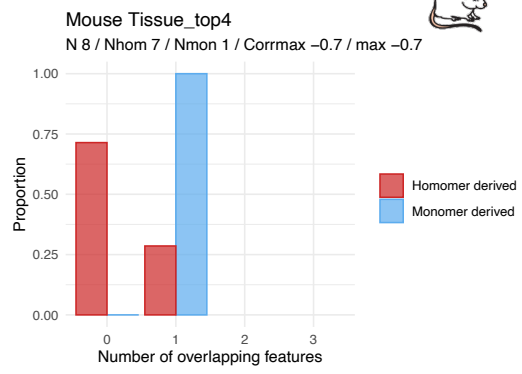


Supplementary Figure 6

A



B

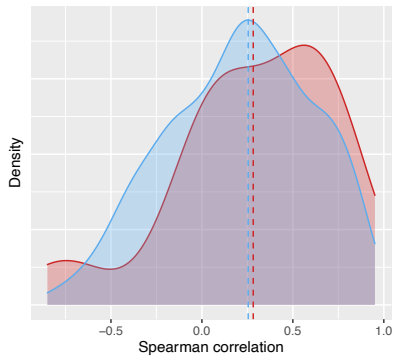


Supplementary Figure 7

A

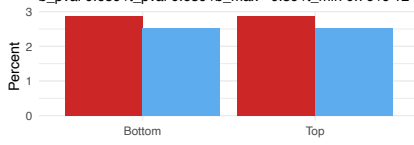
Mouse CORUM HOM

Pairs C/NC 12 / 584 Prots C/N 22 / 616



Mouse CORUM HOM

b_pval 0.659 /t_pval 0.659 /b_max -0.39 /t_min 0.76 /c 12

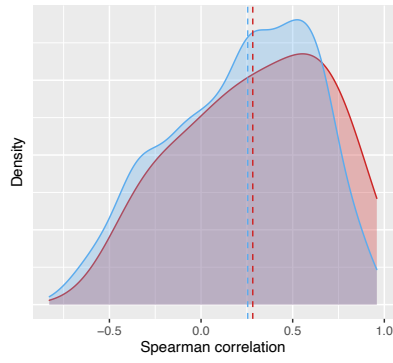


CORUM
Not_CORUM

B

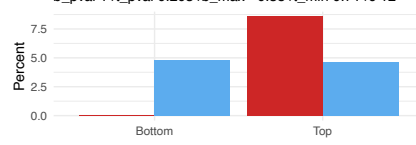
Mouse CORUM MON

Pairs C/NC 15 / 1106 Prots C/N 27 / 1014



Mouse CORUM MON

b_pval 1 /t_pval 0.203 /b_max -0.38 /t_min 0.71 /c 12



CORUM
Not_CORUM

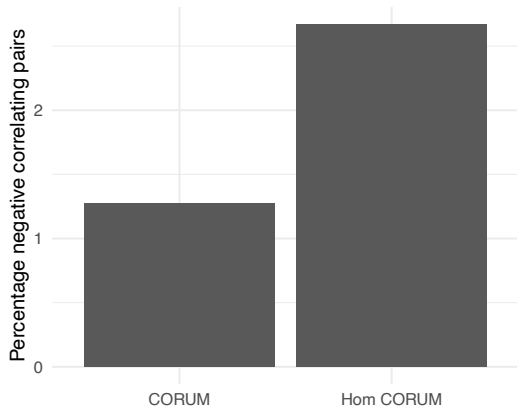
Supplementary Figure 8

A

Human

pval <0.001, cutoff -0.7

Hom C neg/all 155/5645, C neg/all 153/11820

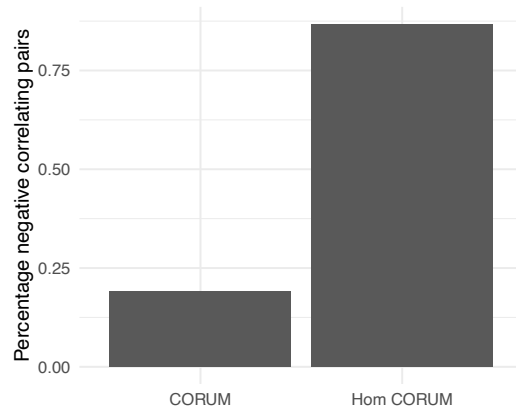


B

Mouse

pval 0.051, cutoff -0.7

Hom C neg/all 4/457, C neg/all 3/1572



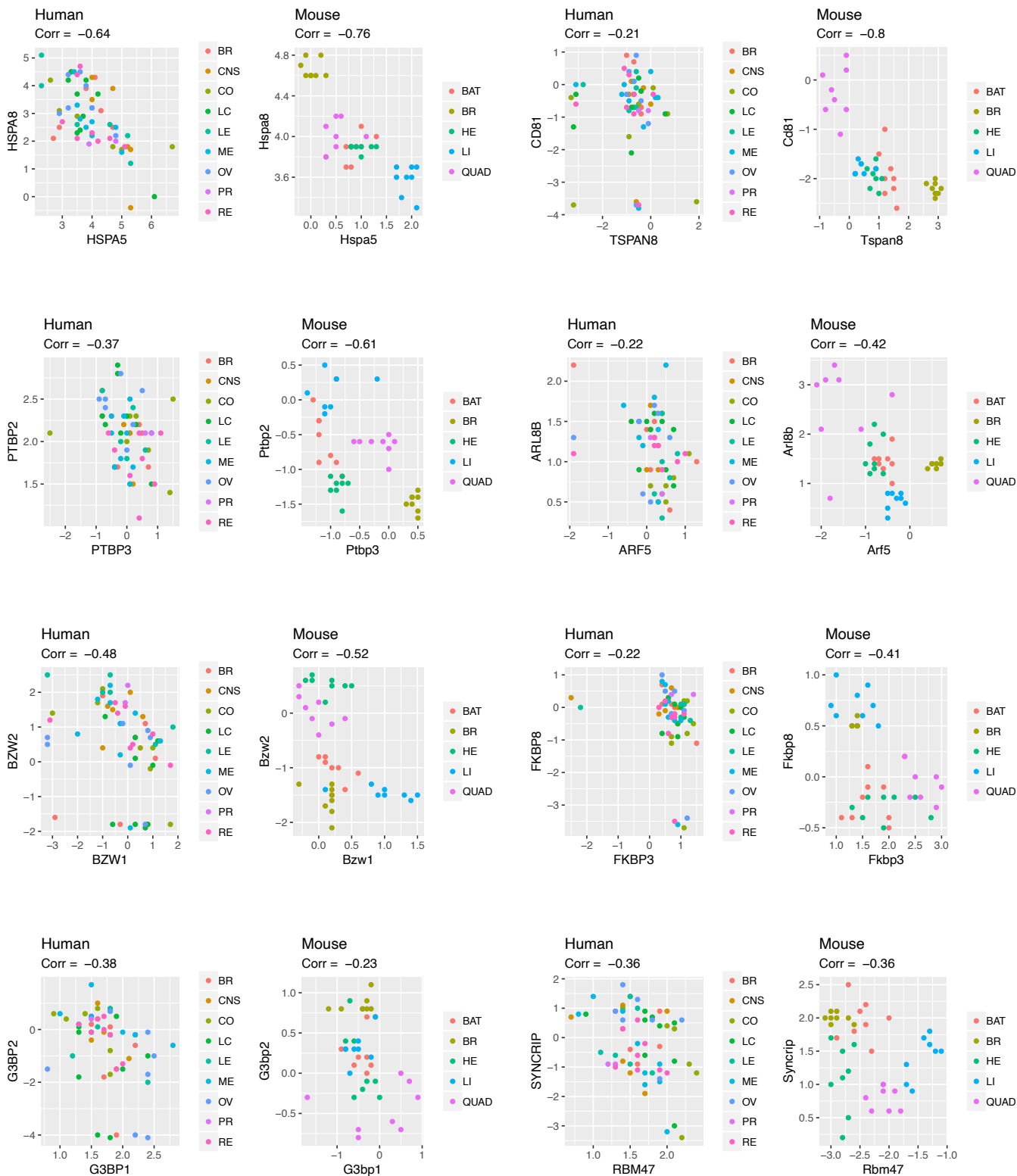
Supplementary Figure 9

Paralogue pairs correlating >0.5 in both Human and Mouse



Supplementary Figure 10

Paralogue pairs correlating $<(-0.2)$ in both Human and Mouse



1 **Figure S1: Overlap of the datasets.**

2 (A) Theoretically possible overlap based on the genomic data for human orthologues in mouse,
3 fly and yeast as reported in Ensembl. 84.5% of the human genes have at least one reported
4 orthologue in mouse, 18.6% have at least one reported orthologue in mouse, fly and yeast.

5 (B) Human orthologues measured in the human, mouse, fly and yeast SWATH-MS datasets.
6 From 3007 measured human proteins, 35.2% have a measured orthologue in mouse, 5.3% have
7 a measured orthologue in all four species.

8

9 **Figure S2: Protein complexes show high SWATH-MS co-expression profiles.**

10 Density plot of the Spearman correlation of the expression profiles of protein pairs that are
11 annotated as members of protein complexes (red) and for protein pairs that are not annotated as
12 members of protein complexes (blue). Expression profiles of protein pairs part of protein
13 complexes correlate significantly more than non-complex pairs in all species (Wilcoxon signed-
14 rank test p-values < 0.001, number of complex pairs human = 17453, mouse = 1739,
15 fly = 2261, yeast = 1807). The definition of protein complexes is based on CORUM (human
16 and mouse), DroID (fly) and CYC2008 (yeast). Dashed lines indicate sample medians.

17

18 **Figure S3: SWATH-MS co-expression profiles of protein complex modules are conserved**
19 **across species.**

20 For each species combination we tested

21 (A) whether protein pairs that are co-expressed in one species are co-expressed in the other
22 species and

23 (B) whether known complex members described in one species are co-expressed as well in the
24 other species. For complex member prediction we used BIOGRID protein interaction data with
25 physical evidence in the respective species.

26 The number of observations and the Wilcoxon signed-rank test p-values are indicated above
27 the density plots. Dashed lines indicate sample medians. Note that * marked density plots have
28 less than 40 observations.

29

30 **Figure S4: Parologue family analysis.**

31 (A) A parologue family is defined as all genes emerged from the same ancestral gene by
32 duplication.

33 (B) Hypothetical pairwise correlation values from the parologue family depicted in (A).

34

35 **Figure S5: Negative correlations are enriched in homomer derived paralogues compared**
36 **to monomer derived paralogues.**

37 Percentage of negative correlating pairs (correlation < -0.7) from homomer and monomer
38 derived paralogues in human (A) and mouse (B) (number of human homomeric pairs = 540,
39 human monomeric pairs = 620, mouse homomeric pairs = 615, mouse monomeric pairs = 1121,
40 Fisher's exact test p-values = 0.04 and 0.2, respectively).

41

42 **Figure S6: Negative correlating paralogues show more divergent tissue expression.**

43 The overlap of the four most expressed tissues between paralogous pairs (as defined by HPM)
44 is compared between strongly negative correlating homomer-derived and monomer-derived
45 pairs paralogous pairs in human (A) and mouse (B) ($r_s < -0.7$, human $n_{\text{pairs}} = 7$, mouse $n_{\text{pairs}} = 8$).
46 Negatively correlating homomer-derived paralogues tend to be expressed more diversely across
47 different tissues compared to monomer-derived paralogues.

48

49 **Figure S7: Among negatively correlating paralogues in mouse, homomer-derived pairs**
50 **are enriched in complex members compared to non-complex members.**

51 (A) Spearman correlation of homomer-derived paralogues that are annotated as CORUM
52 complex pairs ($n_{\text{pairs}} = 12$) and for pairs that are not annotated in CORUM ($n_{\text{pairs}} = 584$).

53 (B) Spearman correlation of monomer-derived paralogues that are annotated as CORUM
54 complex pairs ($n_{\text{pairs}} = 15$) and for pairs that are not annotated in CORUM ($n_{\text{pairs}} = 1106$).

55

56 **Figure S8: Negative correlating CORUM pairs are enriched in homomer derived**
57 **paralogues.**

58 Percentage of negative correlating pairs (correlation < -0.7) from homomer derived and non-
59 homomer derived CORUM pairs in human (A) and mouse (B) (number of human homomeric
60 CORUM pairs = 5645, human CORUM pairs = 11820, mouse homomeric CORUM pairs =
61 457, mouse CORUM pairs = 1572, Fisher's exact test p-values < 0.001 and 0.05 , respectively).

62

63 **Figure S9: Positively correlating paralogous pairs in human and mouse.**

64 Scatter plots for all paralogous pairs that correlate > 0.5 in both human and mouse. Each dot
65 indicates a sample according to its expression in the two paralogous proteins indicated on the
66 axis. Above each plot the Spearman correlation is indicated. Samples are colored according to
67 their tissue of origin. Human tissues are breast (BR), central nervous system (CNS), colon (CO),
68 lung (LC), blood (LE), skin (ME), ovary (OV), prostate (PR) and kidney (RE); mouse tissues
69 are brown adipose (BAT), brain (BR), heart (HE), liver (LI), quadriceps (QUAD).

70

71 **Figure S10: Negatively correlating paralogous pairs in human and mouse.**

72 Scatter plots for all paralogous pairs that correlate $< (-0.2)$ in both human and mouse. Each dot
73 indicates a sample according to its expression in the two paralogous proteins indicated on the
74 axis. Above each plot the Spearman correlation is indicated. Samples are colored according to
75 their tissue of origin. Human tissues are breast (BR), central nervous system (CNS), colon (CO),

76 lung (LC), blood (LE), skin (ME), ovary (OV), prostate (PR) and kidney (RE); mouse tissues
77 are brown adipose (BAT), brain (BR), heart (HE), liver (LI), quadriceps (QUAD).

78 **Table S1: Overview of used datasets.**

79 For each species dataset, the dataset source, sample number, sample source, number of
80 biological and technical replicates as well as the used mass spectrometer instrument are
81 indicated.

82

83 **Table S2: DAVID functional annotation of highly correlated pairs conserved in human**
84 **and mouse.**

85 (A) Proteins correlated $\rho > 0.8$ in both human and mouse 2018 are compared to all proteins
86 measured in both human and mouse. “Term” indicates the associated GO biological process,
87 “Count” shows the total number of genes associated with the term, “P-value” indicates the
88 EASE score (modified fisher exact test p-value) for the respective term and “Genes” shows the
89 human uniprot identifier of the associated genes.

90 (B) Proteins correlated $\rho > 0.6$ in both human and mouse 2018 are compared to all proteins
91 measured in both human and mouse. “Term” indicates the associated GO biological process,
92 “Count” shows the total number of genes associated with the term, “P-value” indicates the
93 EASE score (modified fisher exact test p-value) for the respective term and “Genes” shows the
94 human uniprot identifier of the associated genes.

95

96 **Table S3: Number of paralogue families in the different species.**

97 Number of paralogue families with the respective mean and median sizes.

98

99 **Table S4: Paralogue correlation in human and mouse.**

100 Specifications of paralogous pairs. Paralogous pairs are denoted with Uniprot identifiers
101 (Prot_1 and Prot_2). Corr indicates the respective Spearman correlation. Prot_1_Hom and
102 Prot_2_Hom indicates whether the respective protein is annotated as homomer or heteromer in
103 the InterEvol database. Hom and Mon indicates whether we defined this pair as homomer-,
104 respectively monomer-derived paralogous pair. CORUM indicates whether the pair is

105 annotated in the CORUM database, where cluster_id and CORUM_organism and
106 CORUM_name indicate the complex specifications indicated in CORUM. Biogrid indicates
107 whether the pair is annotated in the Biogrid database.

Table S1

	Human	Mouse	Fly	Yeast
Source	Guo, T. et al. (2019). Quantitative Proteome Landscape of the NCI-60 Cancer Cell Lines. <i>iScience</i> 21, 664–680.	Williams, E. G. et al. (2018). Quantifying and Localizing the Mitochondrial Proteome Across Five Tissues in A Mouse Population. <i>Mol Cell Proteomics</i> , 17(9), 1766-1777.	Okada, H. et al. (2016). Proteome-wide association studies identify biochemical modules associated with a wing-size phenotype in <i>Drosophila melanogaster</i> . <i>Nat Commun</i> , 7, 12649.	Proteomics data unpublished, Yeast strain references: Brem, R. B. et al. (2002). Genetic dissection of transcriptional regulation in budding yeast. <i>Science</i> , 296(5568), 752-755.; Zhu, J. et al. (2008). Integrating large-scale functional genomic data to dissect the complexity of yeast regulatory networks. <i>Nat Genet</i> , 40(7), 854-861.
Sample number	60	40	60	112
Sample source	NCI-60 cancer cell line panel (leukemia, melanoma, non-small-cell lung carcinoma, and cancers of the brain, ovary, breast, colon, kidney and prostate)	Mouse tissue samples (liver, quadriceps, heart, brain and brown adipose)	<i>Drosophila</i> genetic reference panel (DGRP) lines, wing tissue	170 yeast strains from cross of haploid derivatives of a standard laboratory strain (BY) and a wild isolate from a California vineyard (RM)
Biological replicates	5 biological replicates per cell line	8 different mouse BXD lines per tissue	30 bit wing size and 30 small wing size replicates	1-8 replicates per strain
Technical replicates	2 technical replicates	None	3	None
Instrument	SCIEX TripleTOF 5600	SCIEX TripleTOF 5600	SCIEX TripleTOF 5600	SCIEX TripleTOF 5600
Analysis	OpenSWATH	OpenSWATH	OpenSWATH	OpenSWATH

Table S1 DAVID functional annotation of highly correlated pairs conserved in human and mouse.

(a) Proteins correlated $\rho > 0.8$ in both human and mouse 2018 are compared to all proteins measured in both human and mouse. “Term” indicates the associated GO biological process, “Count” shows the total number of genes associated with the term, “P-value” indicates the EASE score (modified fisher exact test p-value) for the respective term and “Genes” shows the human uniprot identifier of the associated genes.

Annotation Cluster 1: Enrichment				
Score: 3.6				
Term		Count	PValue	Genes
GO:0042776~mitochondrial ATP synthesis coupled proton transport		6	0.000	P06576, P08574, P25705, P56385, O75947, P36542
GO:0006754~ATP biosynthetic process		5	0.000	P06576, P25705, P56385, O75947, P36542
GO:0015986~ATP synthesis coupled proton transport		4	0.002	P06576, P25705, O75947, P36542
Annotation Cluster 2: Enrichment				
Score: 1.4				
Term		Count	PValue	Genes
GO:0006120~mitochondrial electron transport, NADH to ubiquinone		4	0.035	O14561, O95299, P49821, O43678
GO:0032981~mitochondrial respiratory chain complex I assembly		4	0.044	O14561, O95299, P49821, O43678

(b) Proteins correlated $\rho > 0.6$ in both human and mouse 2018 are compared to all proteins measured in both human and mouse. “Term” indicates the associated GO biological process, “Count” shows the total number of genes associated with the term, “P-value” indicates the EASE score (modified fisher exact test p-value) for the respective term and “Genes” shows the human uniprot identifier of the associated genes.

Annotation Cluster 1: Enrichment				
Score: 4.4				

Term	Count	PValue	Genes
GO:0006120~mitochondrial electron transport, NADH to ubiquinone	17	0.000	O14561, O43676, P49821, O75489, Q9P0J0, O96000, P51970, P56556, O43678, P09622, P17568, O95168, O95299, P28331, Q16718, Q9Y6M9, O75380
GO:0032981~mitochondrial respiratory chain complex I assembly	18	0.000	O14561, O43676, P49821, O75489, Q9P0J0, O96000, P51970, P56556, O43678, Q9H845, O95831, P17568, O95168, O95299, P28331, Q16718, Q9Y6M9, O75380

Annotation Cluster 2: Enrichment Score: 2.7

Term	Count	PValue	Genes
GO:0000398~mRNA splicing, via spliceosome	22	0.000	Q13151, O75643, Q13247, P14866, Q9UMS4, Q8WYA6, Q9UKF6, P31943, Q13838, Q15717, P11142, P55795, P07910, Q9BXP5, P35637, O43143, Q14103, Q00839, P61978, O43809, Q15365, O60506
GO:0010467~gene expression	9	0.014	Q13151, P55795, P07910, P14866, Q14103, P31943, P61978, Q00839, Q15365

Annotation Cluster 3: Enrichment Score: 2.6

Term	Count	PValue	Genes
GO:0042776~mitochondrial ATP synthesis coupled proton transport	10	0.001	P24539, P06576, P08574, P56134, P30049, P18859, P25705, P56385, O75947, P36542
GO:0006754~ATP biosynthetic process	10	0.001	P24539, P06576, P56134, P30049, P18859, P25705, P56385, P14618, O75947, P36542

GO:0015986~ATP synthesis coupled proton transport	7	0.016	P24539, P06576, P30049, P18859, P25705, O75947, P36542
---	---	-------	--

Annotation Cluster 4: Enrichment Score: 2.3

Term	Count	PValue	Genes
GO:0070125~mitochondrial translational elongation	18	0.004	Q9NYK5, Q9H2W6, P82914, Q96RP9, Q9Y2R9, Q9HD33, P51398, Q92552, Q8N5N7, Q96DV4, P52815, Q7Z7H8, Q6P1L8, P82933, Q9NRX2, P49406, Q8IXM3, Q13405
GO:0070126~mitochondrial translational termination	17	0.005	Q9NYK5, Q9H2W6, P82914, Q9Y2R9, Q9HD33, P51398, Q92552, Q8N5N7, Q96DV4, P52815, Q7Z7H8, Q6P1L8, P82933, Q9NRX2, P49406, Q8IXM3, Q13405

Annotation Cluster 5: Enrichment Score: 2.2

Term	Count	PValue	Genes
GO:0006413~translational initiation	21	0.002	P60228, P46776, P05387, P49207, P39019, Q92905, P62910, Q14152, P55884, Q9Y262, P60842, Q15056, Q13347, O60841, O15371, P62266, P62829, P05198, P50914, O00303, P63220
GO:0000184~nuclear-transcribed mRNA catabolic process, nonsense-mediated decay	14	0.002	P60228, Q9BRP8, P46776, P05387, P49207, P39019, P62495, P30153, P62910, P62266, P62829, P50914, P63220, Q92900
GO:0006412~translation	23	0.003	P82914, P46776, P05387, Q9Y2R9, P49207, P39019, Q92905, P26639, P62910, P05141, Q9NSD9, P62266, P62829, Q02978, Q6P1L8, P50914,

			Q7Z7H8, P82933, Q9NRX2, P63220, P49406, Q13405, Q8IXM3
GO:0006364~rRNA processing	11	0.011	P46776, P05387, P49207, P39019, Q9Y2W2, P62266, P62829, P62910, P50914, P63220, P22087
GO:0019083~viral transcription	9	0.014	P46776, P05387, P49207, P39019, P62266, P62829, P62910, P50914, P63220
GO:0006446~regulation of translational initiation	10	0.038	P60228, Q15056, Q13347, O60841, O15371, Q14152, O00303, P55884, Q9Y262, P60842

Annotation Cluster 6: Enrichment Score: 1.6

Term	Count	PValue	Genes
GO:0033209~tumor necrosis factor-mediated signaling pathway	12	0.010	P28074, O43242, P28072, P25789, Q9BRA2, P28070, P17980, P05787, P55036, P60900, P49721, O00487
GO:0038061~NIK/NF-kappaB signaling	10	0.023	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P60900, P49721, O00487
GO:0006521~regulation of cellular amino acid metabolic process	10	0.023	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P60900, P49721, O00487
GO:0090090~negative regulation of canonical Wnt signaling pathway	12	0.027	P28074, O43242, P28072, P25789, P28070, Q13283, P17980, P55036, P60900, P49721, Q03135, O00487
GO:0090263~positive regulation of canonical Wnt signaling pathway	12	0.027	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P14923, P60900, P49721, Q03135, O00487
GO:0002223~stimulatory C-type lectin receptor signaling pathway	11	0.032	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P17612, P60900, P49721, O00487

GO:0038095~Fc-epsilon receptor signaling pathway	11	0.032	P28074, O43242, P28072, P25789, P62993, P28070, P17980, P55036, P60900, P49721, O00487
GO:0031145~anaphase-promoting complex-dependent catabolic process	10	0.038	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P60900, P49721, O00487
GO:0051436~negative regulation of ubiquitin-protein ligase activity involved in mitotic cell cycle	10	0.038	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P60900, P49721, O00487
GO:0051437~positive regulation of ubiquitin-protein ligase activity involved in regulation of mitotic cell cycle transition	10	0.038	P28074, O43242, P28072, P25789, P28070, P17980, P55036, P60900, P49721, O00487

Table S3 Number of paralogue families in the different species.

	Human	Mouse	Fly	Yeast
Number of paralogue families with >2 measured paralogues	73	114	3	9
Mean paralogue family size	9	9	11	9
Median paralogue family size	8	9	7	6
Number of paralogue family with available interaction Jaccard-index and >2 measured paralogues	73	92	0	7
Mean paralogue family size	9	9	NA	7
Median paralogue family size	8	9	NA	5

Table S4 Human

Prot_1	Prot_2	Corr	Prot_1_Hom	Prot_2_Hom	Hom	Mon	CORUM	cluster_id	CORUM_organism	CORUM_name	Biogrid
Q07955	Q13247	-0.81	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P08238	P14625	-0.766	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P27348	P62258	-0.765		HOM	TRUE	FALSE	TRUE	5199,5 615	Human	Kinase maturation complex 1, Emerin complex 52	TRUE
Q00839	Q9BUJ2	-0.755			FALSE	TRUE	TRUE	1332	Human	Large Drosha complex	FALSE
P09651	P51991	-0.752	HOM		TRUE	FALSE	TRUE	1181	Human	C complex spliceosome	TRUE
P07900	P08238	-0.735	HOM	HOM	TRUE	FALSE	TRUE	5199,5 212,52 34,526 6,5268, 5269,5 286,25	Human, Mouse	Kinase maturation complex 1, Kinase maturation complex 2, IKBKB-CDC37-KIAA1967-HSP90AB1-HSP90AA1 complex, TNF-alpha/NF-kappa B signaling complex 6, TNF-alpha/NF-kappa B signaling complex 7, TNF-alpha/NF-kappa B signaling complex 8, TNF-alpha/NF-kappa B signaling complex 10, 9S-cytosolic aryl hydrocarbon receptor non-ligand activated complex	TRUE
P49792	P62937	-0.709	HET	HOM	TRUE	FALSE	FALSE				FALSE
Q07955	Q13242	-0.7	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P27348	P63104	-0.654			FALSE	TRUE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
O95758	P26599	-0.644			FALSE	TRUE	FALSE				FALSE
P11021	P11142	-0.64	HOM	HOM	TRUE	FALSE	TRUE	929,27 21	Human	CEN complex, HCF-1 complex	TRUE
P28062	P28074	-0.635	HOM	HOM	TRUE	FALSE	FALSE				TRUE
Q8IWZ3	Q8TC84	-0.622			FALSE	TRUE	FALSE				FALSE
O95758	P14866	-0.606			FALSE	TRUE	FALSE				FALSE

Table S4 Human

P02545	P20700	-0.596	HOM		TRUE	FALSE	TRUE	5608,5 611	Human	Emerin architectural complex, Emerin complex 24	TRUE
P11021	P34931	-0.593	HOM		TRUE	FALSE	FALSE				TRUE
Q04323	Q92575	-0.57			FALSE	TRUE	FALSE				FALSE
Q1KM D3	Q9BUJ 2	-0.544			FALSE	TRUE	FALSE				TRUE
P08670	P20700	-0.523	HOM		TRUE	FALSE	FALSE				TRUE
P62820	Q15286	-0.514	HET	HET	FALSE	FALSE	FALSE				FALSE
Q01844	Q92804	-0.512			FALSE	TRUE	TRUE	1332	Human	Large Drosha complex	FALSE
Q7L1Q 6	Q9Y6E 2	-0.484			FALSE	TRUE	FALSE				TRUE
O43447	Q9H2H 8	-0.48	HET		FALSE	FALSE	TRUE	351	Human	Spliceosome	FALSE
P28065	P28072	-0.473	HOM	HOM	TRUE	FALSE	FALSE				TRUE
Q9BXS 5	Q9Y6Q 5	-0.46	HET	HET	FALSE	FALSE	TRUE	36,144	Human	AP1 adaptor complex, Gamma- BAR-AP1 complex	FALSE
P35637	Q92804	-0.459			FALSE	TRUE	TRUE	1332	Human	Large Drosha complex	TRUE
P60953	P84095	-0.458	HOM		TRUE	FALSE	FALSE				FALSE
P68371	Q13885	-0.446	HET	HET	FALSE	FALSE	FALSE				TRUE
Q07955	Q13243	-0.445	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P23284	Q9Y3C 6	-0.439			FALSE	TRUE	FALSE				FALSE
P23284	Q9H2H 8	-0.437			FALSE	TRUE	FALSE				FALSE
P09651	Q13151	-0.433	HOM		TRUE	FALSE	FALSE				TRUE
P55084	Q9BW D1	-0.428	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P62244	Q15041	-0.41			FALSE	TRUE	FALSE				FALSE
P13796	P13797	-0.409			FALSE	TRUE	FALSE				TRUE
P53675	Q00610	-0.398			FALSE	TRUE	FALSE				TRUE
P51858	Q7Z4V 5	-0.393	HOM		TRUE	FALSE	FALSE				FALSE
Q13283	Q9UN8 6	-0.383	HOM		TRUE	FALSE	FALSE				TRUE
P35268	Q6P5R 6	-0.378			FALSE	TRUE	FALSE				FALSE

Table S4 Human

Q95758	Q9UK A9	-0.368			FALSE	TRUE	FALSE		FALSE	
P04271	P31949	-0.366	HOM		TRUE	FALSE	FALSE		TRUE	
P04350	Q13885	-0.363	HET	HET	FALSE	FALSE	FALSE		FALSE	
A0AV9 6	O60506	-0.357			FALSE	TRUE	FALSE		FALSE	
B0I1T2	O00159	-0.356	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
P61978	Q15366	-0.355	HOM	HOM	TRUE	FALSE	FALSE		TRUE	
O60610	O95466	-0.355	HOM		TRUE	FALSE	FALSE		FALSE	
P18085	P84077	-0.348		HOM	TRUE	FALSE	FALSE		TRUE	
Q15363	Q9Y3B 3	-0.346	HOM	HOM	TRUE	FALSE	FALSE		TRUE	
Q92499	Q9BUJ 2	-0.345			FALSE	TRUE	TRUE	1332 Human	Large Drosha complex	FALSE
Q14257	Q9BR K5	-0.342			FALSE	TRUE	FALSE		FALSE	
P09936	P15374	-0.34	HET	HET	FALSE	FALSE	FALSE		FALSE	
Q02790	Q14318	-0.338	HOM	HET	TRUE	FALSE	FALSE		FALSE	
P53396	P53597	-0.328			FALSE	TRUE	FALSE		FALSE	
P13639	Q15029	-0.328			FALSE	TRUE	FALSE		FALSE	
O00629	P52292	-0.325	HOM	HET,H OM	TRUE	FALSE	FALSE		TRUE	
O95319	Q92879	-0.322		HOM	TRUE	FALSE	FALSE		FALSE	
Q96CS 3	Q9UN N5	-0.322		HET	FALSE	FALSE	FALSE		FALSE	
O60884	Q9UBS 4	-0.321	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
Q15293	Q9BR K5	-0.321			FALSE	TRUE	FALSE		FALSE	
Q99714	Q9BUT 1	-0.314	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
Q03252	Q16352	-0.31			FALSE	TRUE	FALSE		FALSE	
O75525	Q07666	-0.31	HOM	HOM	TRUE	FALSE	FALSE		TRUE	
P09496	P09497	-0.31			FALSE	TRUE	FALSE		TRUE	
Q969X 5	Q96RQ 1	-0.309			FALSE	TRUE	FALSE		FALSE	
Q15393	Q16531	-0.309		HOM	TRUE	FALSE	FALSE		FALSE	

Table S4 Human

P50151	P63218	-0.308			FALSE	TRUE	FALSE			FALSE	
P33176	Q02241	-0.306	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P20700	Q16352	-0.306			FALSE	TRUE	FALSE			FALSE	
P62820	Q9H0U4	-0.303	HET	HET	FALSE	FALSE	FALSE			TRUE	
Q5M775	Q8TDZ2	-0.3			FALSE	TRUE	FALSE			FALSE	
P60842	Q14240	-0.298	HET		FALSE	FALSE	FALSE			TRUE	
P61981	P62258	-0.296		HOM	TRUE	FALSE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
P55795	Q9NTZ6	-0.295		HOM	TRUE	FALSE	FALSE			FALSE	
Q92598	Q9Y4L1	-0.292	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
Q06265	Q96B26	-0.29	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	789	Human	Exosome	TRUE
Q9BTT6	Q9H9A6	-0.288			FALSE	TRUE	FALSE			FALSE	
P30153	P30154	-0.287	HET	HET	FALSE	FALSE	TRUE	5876	Human	PPP2R1A-PPP2R1B-PPP2CA-PPME1-EIF4A1 complex	TRUE
Q7Z4W1	Q9BUT1	-0.286	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
O15020	P12814	-0.286			FALSE	TRUE	FALSE			FALSE	
P68371	Q9BVA1	-0.282	HET	HET	FALSE	FALSE	FALSE			FALSE	
Q15555	Q15691	-0.278		HOM	TRUE	FALSE	FALSE			TRUE	
P08133	P12429	-0.275			FALSE	TRUE	FALSE			FALSE	
P31943	Q6NXG1	-0.274			FALSE	TRUE	FALSE			FALSE	
P23297	P25815	-0.273	HET	HOM	TRUE	FALSE	FALSE			TRUE	
Q01970	Q15147	-0.265			FALSE	TRUE	FALSE			FALSE	
P15311	P26038	-0.264			FALSE	TRUE	FALSE			TRUE	
P20337	P61006	-0.264	HOM	HET, HOM	TRUE	FALSE	FALSE			TRUE	
Q92817	Q9UPN3	-0.263	HOM		TRUE	FALSE	FALSE			FALSE	
P51159	P61006	-0.261	HET, HOM	HET, HOM	FALSE, TRUE	FALSE	FALSE			FALSE	

Table S4 Human

Q96M G7	Q9UNF 1	-0.26	HET		FALSE	FALSE	FALSE			FALSE	
Q9BW M7	Q9H9B 4	-0.259			FALSE	TRUE	FALSE			TRUE	
O95071	Q7Z6Z 7	-0.258			FALSE	TRUE	FALSE			FALSE	
P34931	Q0VDF 9	-0.257		HET	FALSE	FALSE	FALSE			FALSE	
Q01085	Q14498	-0.257			FALSE	TRUE	FALSE			FALSE	
P45877	Q6UX0 4	-0.255			FALSE	TRUE	FALSE			FALSE	
P45877	Q9Y3C 6	-0.254			FALSE	TRUE	FALSE			FALSE	
P07196	Q16352	-0.252			FALSE	TRUE	FALSE			FALSE	
P43121	P50895	-0.25			FALSE	TRUE	FALSE			FALSE	
Q07955	Q08170	-0.249	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
O15143	Q92747	-0.247			FALSE	TRUE	FALSE			FALSE	
Q14203	Q99426	-0.246	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P43034	P61964	-0.245	HOM		TRUE	FALSE	FALSE			TRUE	
P23297	P26447	-0.245	HET		FALSE	FALSE	FALSE			TRUE	
P11137	P27816	-0.244			FALSE	TRUE	FALSE			FALSE	
P08134	P62745	-0.243			FALSE	TRUE	FALSE			FALSE	
P07437	Q13885	-0.24	HET	HET	FALSE	FALSE	FALSE			TRUE	
Q96AB 3	Q96CN 7	-0.235			FALSE	TRUE	FALSE			FALSE	
P63218	Q9UBI 6	-0.234			FALSE	TRUE	FALSE			FALSE	
O00159	Q12965	-0.233	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P15311	Q9Y4F 1	-0.232			FALSE	TRUE	FALSE			FALSE	
O14976	Q68CZ 2	-0.231			FALSE	TRUE	FALSE			FALSE	
Q14677	Q9Y6I3	-0.231	HET		FALSE	FALSE	FALSE			FALSE	
P11142	Q0VDF 9	-0.231	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P84077	Q9NVJ 2	-0.229	HOM		TRUE	FALSE	FALSE			FALSE	
P17655	Q9UM Q6	-0.227	HOM		TRUE	FALSE	FALSE			FALSE	

Table S4 Human

P31146	Q9ULV 4	-0.226		HOM	TRUE	FALSE	FALSE			TRUE
P04271	P60903	-0.226	HOM		TRUE	FALSE	FALSE			FALSE
P05026	P54709	-0.225			FALSE	TRUE	FALSE			FALSE
P00533	P43403	-0.225	HOM	HOM	TRUE	FALSE	FALSE			TRUE
A0AV9 6	O43390	-0.225			FALSE	TRUE	FALSE			FALSE
O15479	P43358	-0.225			FALSE	TRUE	FALSE			FALSE
O43865	P23526	-0.223			FALSE	TRUE	FALSE			TRUE
P36404	P84077	-0.223	HET	HOM	TRUE	FALSE	FALSE			FALSE
Q06830	Q13162	-0.222	HOM	HOM	TRUE	FALSE	FALSE			TRUE
O60732	Q96M G7	-0.222		HET	FALSE	FALSE	FALSE			FALSE
Q00688	Q14318	-0.22		HET	FALSE	FALSE	FALSE			FALSE
P84085	Q9NVJ 2	-0.219			FALSE	TRUE	FALSE			FALSE
P12830	P19022	-0.219	HOM	HET,H OM	TRUE	FALSE	FALSE			FALSE
O43491	P11171	-0.219			FALSE	TRUE	FALSE			FALSE
O15382	P54687	-0.218	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q92945	Q96AE 4	-0.216		HET	FALSE	FALSE	FALSE			FALSE
P35908	Q7Z79 4	-0.215			FALSE	TRUE	FALSE			TRUE
P04271	P06703	-0.213	HOM	HOM	TRUE	FALSE	FALSE			TRUE
P61978	Q15365	-0.212	HOM		TRUE	FALSE	FALSE			TRUE
B011T2	O43795	-0.212	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q14315	Q8NF9 1	-0.212	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P08579	P09012	-0.211	HET	HOM	TRUE	FALSE	TRUE	351 Human	Spliceosome	FALSE
O95817	Q9UL1 5	-0.211		HET	FALSE	FALSE	FALSE			FALSE
P08758	P50995	-0.21			FALSE	TRUE	FALSE			FALSE
O95425	P09327	-0.21		HOM	TRUE	FALSE	FALSE			FALSE
P19075	P60033	-0.206		HOM	TRUE	FALSE	FALSE			FALSE

Table S4 Human

P07737	P35080	-0.203		HOM	TRUE	FALSE	FALSE		FALSE
O00291	Q9Y490	-0.203	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P10644	P13861	-0.202		HOM	TRUE	FALSE	FALSE		FALSE
Q15436	Q15437	-0.201	HET,HOM	HOM	TRUE	FALSE	FALSE		TRUE
P36952	P50454	-0.199			FALSE	TRUE	FALSE		FALSE
P57723	P61978	-0.193		HOM	TRUE	FALSE	FALSE		FALSE
P07384	Q9UMQ6	-0.193	HET		FALSE	FALSE	FALSE		FALSE
P55795	Q8IXT5	-0.193			FALSE	TRUE	FALSE		TRUE
P11310	P49748	-0.191	HOM	HOM	TRUE	FALSE	FALSE		FALSE
O15020	Q01082	-0.189		HOM	TRUE	FALSE	FALSE		FALSE
P21333	Q8NF91	-0.188	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q08211	Q7L2E3	-0.188	HOM		TRUE	FALSE	FALSE		FALSE
O00505	O00629	-0.185	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P62993	Q13588	-0.184	HOM		TRUE	FALSE	FALSE		FALSE
P55011	Q9UP95	-0.183			FALSE	TRUE	FALSE		FALSE
P32119	Q13162	-0.183	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P52888	Q9BYT8	-0.181			FALSE	TRUE	FALSE		FALSE
P09211	P21266	-0.181	HOM		TRUE	FALSE	FALSE		FALSE
P31689	Q9UBS4	-0.18	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P04271	P26447	-0.18	HOM		TRUE	FALSE	FALSE		TRUE
Q92597	Q9UGV2	-0.179			FALSE	TRUE	FALSE		FALSE
P15924	Q9UPN3	-0.178	HOM		TRUE	FALSE	FALSE		FALSE
O00231	P61201	-0.174			FALSE	TRUE	FALSE		FALSE
P27348	P31946	-0.173			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1
O00429	P20591	-0.168		HOM	TRUE	FALSE	FALSE		FALSE
P55786	Q9UIQ6	-0.168			FALSE	TRUE	FALSE		FALSE

Table S4 Human

Q13330	Q9BTC8	-0.168			FALSE	TRUE	TRUE	587 Human	NuRD.1 complex	TRUE
O43765	Q9H6T3	-0.165		HOM	TRUE	FALSE	FALSE			FALSE
P62136	P62140	-0.163	HOM		TRUE	FALSE	FALSE			TRUE
Q9BXB4	Q9BZF1	-0.163			FALSE	TRUE	FALSE			FALSE
P61981	P63104	-0.161			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1	TRUE
P38159	P98179	-0.161			FALSE	TRUE	FALSE			TRUE
P62942	Q14318	-0.161	HOM	HET	TRUE	FALSE	FALSE			FALSE
P68371	Q9BUF5	-0.16	HET	HET	FALSE	FALSE	FALSE			TRUE
O43491	Q9H4G0	-0.16			FALSE	TRUE	FALSE			TRUE
P02545	Q03252	-0.159	HOM		TRUE	FALSE	FALSE			TRUE
P07196	P20700	-0.159			FALSE	TRUE	FALSE			FALSE
O15479	Q9UNF1	-0.158			FALSE	TRUE	FALSE			FALSE
Q16643	Q9UJU6	-0.157			FALSE	TRUE	FALSE			FALSE
O95487	P53992	-0.155	HET	HET	FALSE	FALSE	FALSE			FALSE
P38919	P60842	-0.155	HET	HET	FALSE	FALSE	FALSE			TRUE
P08133	Q5VT79	-0.155			FALSE	TRUE	FALSE			FALSE
P43034	Q96DI7	-0.154	HOM		TRUE	FALSE	FALSE			FALSE
Q00013	Q9UDY2	-0.154	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P43357	Q96MG7	-0.15		HET	FALSE	FALSE	FALSE			FALSE
Q15637	Q96PU8	-0.147		HOM	TRUE	FALSE	FALSE			FALSE
Q969X5	Q9Y282	-0.147			FALSE	TRUE	FALSE			TRUE
P35908	Q5XKE5	-0.146			FALSE	TRUE	FALSE			FALSE
O15479	P43363	-0.146			FALSE	TRUE	FALSE			FALSE
P51911	Q15417	-0.145			FALSE	TRUE	FALSE			FALSE
P31944	P55212	-0.145		HOM	TRUE	FALSE	FALSE			FALSE
Q96NB2	Q9H9B4	-0.144			FALSE	TRUE	FALSE			FALSE

Table S4 Human

P22626	P51991	-0.141			FALSE	TRUE	TRUE	1181 Human	C complex spliceosome	TRUE
O60732	P43358	-0.14			FALSE	TRUE	FALSE			FALSE
P26885	Q9Y680	-0.14			FALSE	TRUE	FALSE			FALSE
Q13356	Q9H2H8	-0.14			FALSE	TRUE	TRUE	351 Human	Spliceosome	FALSE
P15311	P35240	-0.139		HOM	TRUE	FALSE	FALSE			TRUE
P00352	P47895	-0.139			FALSE	TRUE	FALSE			FALSE
P61289	Q06323	-0.138		HOM	TRUE	FALSE	FALSE			FALSE
P12268	P36959	-0.138			FALSE	TRUE	FALSE			FALSE
P13647	Q5XKE5	-0.137			FALSE	TRUE	FALSE			FALSE
P53814	Q8TDZ2	-0.135			FALSE	TRUE	FALSE			FALSE
P36873	P62140	-0.135			FALSE	TRUE	FALSE			TRUE
P06396	Q13045	-0.135			FALSE	TRUE	FALSE			FALSE
P04350	Q9BVA1	-0.134	HET	HET	FALSE	FALSE	FALSE			FALSE
P07947	P12931	-0.134		HOM	TRUE	FALSE	FALSE			FALSE
P07437	Q9BVA1	-0.133	HET	HET	FALSE	FALSE	FALSE			FALSE
P04350	Q9BUF5	-0.133	HET	HET	FALSE	FALSE	FALSE			FALSE
P35240	P35241	-0.132	HOM		TRUE	FALSE	FALSE			FALSE
P50238	Q16527	-0.131			FALSE	TRUE	FALSE			FALSE
O00159	O94832	-0.129	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P21399	Q99798	-0.126			FALSE	TRUE	FALSE			FALSE
P12829	P60660	-0.125			FALSE	TRUE	FALSE			FALSE
O94826	Q9H3U1	-0.125	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q13268	Q99714	-0.125		HOM	TRUE	FALSE	FALSE			FALSE
P11310	Q9H845	-0.123	HOM		TRUE	FALSE	FALSE			FALSE
O60711	Q96HC4	-0.122			FALSE	TRUE	FALSE			FALSE
Q9H223	Q9UBC2	-0.122	HET	HET	FALSE	FALSE	FALSE			FALSE

Table S4 Human

Q8IVL5	Q8IVL6	-0.119			FALSE	TRUE	FALSE	FALSE
P31483	Q01085	-0.119			FALSE	TRUE	FALSE	FALSE
P43357	P43363	-0.119			FALSE	TRUE	FALSE	FALSE
P08133	P50995	-0.119			FALSE	TRUE	FALSE	FALSE
P19367	Q2TB90	-0.118	HOM		TRUE	FALSE	FALSE	TRUE
O75369	Q8NF91	-0.116		HOM	TRUE	FALSE	FALSE	FALSE
P68371	Q13509	-0.116	HET	HET	FALSE	FALSE	FALSE	FALSE
P02545	P14136	-0.115	HOM		TRUE	FALSE	FALSE	FALSE
P31947	P63104	-0.114	HOM		TRUE	FALSE	FALSE	TRUE
O95881	O95994	-0.112		HOM	TRUE	FALSE	FALSE	FALSE
P34932	Q9Y4L1	-0.112	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P43007	Q15758	-0.111			FALSE	TRUE	FALSE	FALSE
P09455	Q01469	-0.111			FALSE	TRUE	FALSE	FALSE
P61106	Q15907	-0.109	HET	HET	FALSE	FALSE	FALSE	FALSE
Q9GZM7	Q9UBR2	-0.108			FALSE	TRUE	FALSE	FALSE
P08670	P14136	-0.107	HOM		TRUE	FALSE	FALSE	TRUE
O60437	Q9UPN3	-0.107	HET		FALSE	FALSE	FALSE	FALSE
O43447	P45877	-0.106	HET		FALSE	FALSE	FALSE	FALSE
Q92945	Q96I24	-0.106			FALSE	TRUE	FALSE	TRUE
P12429	Q5VT79	-0.106			FALSE	TRUE	FALSE	FALSE
P06753	P07951	-0.103			FALSE	TRUE	FALSE	TRUE
Q00013	Q07157	-0.103	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P15144	Q9NZ08	-0.102		HET	FALSE	FALSE	FALSE	FALSE
O95425	Q13045	-0.1			FALSE	TRUE	FALSE	FALSE
P23284	Q6UX04	-0.1			FALSE	TRUE	FALSE	FALSE
P04083	P27216	-0.1			FALSE	TRUE	FALSE	FALSE

Table S4 Human

P05121	P36952	-0.099	HOM		TRUE	FALSE	FALSE	FALSE
Q7L2E 3	Q9H2U 1	-0.099			FALSE	TRUE	FALSE	FALSE
P38159	Q14011	-0.098			FALSE	TRUE	FALSE	TRUE
Q15233	Q8WX F1	-0.095	HET	HET	FALSE	FALSE	FALSE	TRUE
P53814	Q8NDI 1	-0.095			FALSE	TRUE	FALSE	FALSE
P26038	P35240	-0.094		HOM	TRUE	FALSE	FALSE	FALSE
P14136	Q16352	-0.094			FALSE	TRUE	FALSE	TRUE
O60343	Q9Y3P 9	-0.093			FALSE	TRUE	FALSE	FALSE
P35580	P35749	-0.092			FALSE	TRUE	FALSE	FALSE
Q9H4 M9	Q9UB C2	-0.091	HET	HET	FALSE	FALSE	FALSE	FALSE
P49419	Q8IZ83	-0.091	HOM		TRUE	FALSE	FALSE	FALSE
P40121	Q13045	-0.091			FALSE	TRUE	FALSE	FALSE
P42765	Q9BW D1	-0.09		HOM	TRUE	FALSE	FALSE	FALSE
Q01105	Q86VY 4	-0.09	HOM		TRUE	FALSE	FALSE	FALSE
P04271	P25815	-0.09	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P42226	P51692	-0.089	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P04626	P43403	-0.088	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O00186	P61764	-0.088			FALSE	TRUE	FALSE	FALSE
P08758	Q5VT7 9	-0.088			FALSE	TRUE	FALSE	FALSE
P50995	Q5VT7 9	-0.087			FALSE	TRUE	FALSE	FALSE
Q9NZN 4	Q9UB C2	-0.087	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
P42224	P51692	-0.087	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O75475	P51858	-0.087		HOM	TRUE	FALSE	FALSE	TRUE
Q15555	Q9UPY 8	-0.086			FALSE	TRUE	FALSE	TRUE
P49773	Q9BX6 8	-0.086			FALSE	TRUE	FALSE	FALSE

Table S4 Human

P08575	P10586	-0.085			FALSE	TRUE	FALSE	FALSE
P04259	P13647	-0.084			FALSE	TRUE	FALSE	FALSE
Q13347	Q9Y3F4	-0.084	HET	HET	FALSE	FALSE	FALSE	FALSE
P61006	Q6IQ22	-0.084	HET,HOM	HOM	TRUE	FALSE	FALSE	FALSE
P40763	P42226	-0.083	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q5T8P6	Q9P2N5	-0.082			FALSE	TRUE	FALSE	FALSE
P35237	P50453	-0.082			FALSE	TRUE	FALSE	FALSE
P21926	P60033	-0.081	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P02751	P24821	-0.081	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P31943	Q8IXT5	-0.081			FALSE	TRUE	FALSE	FALSE
Q15542	Q8WWQ0	-0.08			FALSE	TRUE	FALSE	FALSE
P07355	P20073	-0.079	HOM		TRUE	FALSE	FALSE	FALSE
P30740	P48594	-0.076			FALSE	TRUE	FALSE	FALSE
P31947	P61981	-0.076	HOM		TRUE	FALSE	FALSE	TRUE
O95235	P33176	-0.075		HOM	TRUE	FALSE	FALSE	FALSE
P58107	Q9UPN3	-0.073	HET		FALSE	FALSE	FALSE	FALSE
Q02388	Q05707	-0.072			FALSE	TRUE	FALSE	FALSE
P43358	Q96MG7	-0.072		HET	FALSE	FALSE	FALSE	FALSE
Q07666	Q96PU8	-0.072	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O00151	Q96JY6	-0.071			FALSE	TRUE	FALSE	FALSE
P08648	P23229	-0.071			FALSE	TRUE	FALSE	FALSE
P30740	P50453	-0.07			FALSE	TRUE	FALSE	FALSE
P30048	P32119	-0.069	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P13645	P19012	-0.069	HET		FALSE	FALSE	FALSE	FALSE
O15540	Q01469	-0.068			FALSE	TRUE	FALSE	FALSE
P31947	P62258	-0.067	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Human

P48059	Q96HC4	-0.067	HET		FALSE	FALSE	FALSE			FALSE
P12429	P27216	-0.067			FALSE	TRUE	FALSE			FALSE
O00429	P50570	-0.066			FALSE	TRUE	FALSE			FALSE
P20337	P51159	-0.066	HOM	HET,HOM	TRUE	FALSE	FALSE			FALSE
Q13356	Q9Y3C6	-0.064			FALSE	TRUE	TRUE	351 Human	Spliceosome	FALSE
O00629	O60684	-0.063	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P13164	Q01628	-0.063			FALSE	TRUE	FALSE			FALSE
P62258	Q04917	-0.063	HOM		TRUE	FALSE	TRUE	5199 Human	Kinase maturation complex 1	TRUE
P11940	P29558	-0.062	HOM		TRUE	FALSE	FALSE			FALSE
Q13217	Q99615	-0.062			FALSE	TRUE	FALSE			FALSE
P26639	Q9NYK5	-0.062			FALSE	TRUE	FALSE			FALSE
B011T2	O94832	-0.06	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P61006	P61026	-0.058	HET,HOM	HOM	TRUE	FALSE	FALSE			TRUE
O95486	P53992	-0.057	HET	HET	FALSE	FALSE	FALSE			TRUE
O43432	Q04637	-0.057	HET	HOM,HET	TRUE, FALSE	FALSE	FALSE			TRUE
P14317	Q14247	-0.057		HOM	TRUE	FALSE	FALSE			FALSE
P13796	Q14651	-0.057			FALSE	TRUE	FALSE			TRUE
P16219	Q9H845	-0.056	HOM		TRUE	FALSE	FALSE			FALSE
Q6NXG1	Q9NTZ6	-0.056		HOM	TRUE	FALSE	FALSE			FALSE
O95235	Q02241	-0.056		HET	FALSE	FALSE	FALSE			FALSE
P36405	Q9NVJ2	-0.055			FALSE	TRUE	FALSE			FALSE
Q96D15	Q9BRK5	-0.055			FALSE	TRUE	FALSE			FALSE
Q13451	Q14318	-0.054	HET	HET	FALSE	FALSE	FALSE			FALSE
Q9H4G0	Q9Y2J2	-0.054			FALSE	TRUE	FALSE			TRUE
Q13362	Q16537	-0.054	HET	HET	FALSE	FALSE	FALSE			TRUE

Table S4 Human

P49748	Q92947	-0.054	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P47755	P52907	-0.053			FALSE	TRUE	FALSE			TRUE	
P35237	P48594	-0.053			FALSE	TRUE	FALSE			FALSE	
Q13098	Q15008	-0.052			FALSE	TRUE	FALSE			FALSE	
P14550	P15121	-0.051		HOM	TRUE	FALSE	FALSE			FALSE	
Q14258	Q96LD4	-0.051			FALSE	TRUE	FALSE			FALSE	
O14964	Q8IWB7	-0.051	HET,HOM		FALSE,TRUE	FALSE	FALSE			FALSE	
O75170	Q5H9R7	-0.051	HET	HET	FALSE	FALSE	FALSE			TRUE	
P31946	P61981	-0.049			FALSE	TRUE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
P19012	P35527	-0.049			FALSE	TRUE	FALSE			FALSE	
P05787	P13647	-0.047			FALSE	TRUE	FALSE			FALSE	
Q00013	Q12959	-0.047	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
Q15691	Q9UPY8	-0.046	HOM		TRUE	FALSE	FALSE			TRUE	
P24386	P50395	-0.046	HET	HET	FALSE	FALSE	FALSE			FALSE	
P28288	P33897	-0.045	HET	HOM	TRUE	FALSE	FALSE			TRUE	
P23246	Q8WXF1	-0.045	HOM	HET	TRUE	FALSE	FALSE			TRUE	
P07355	P08133	-0.044	HOM		TRUE	FALSE	FALSE			FALSE	
Q9H2H8	Q9Y3C6	-0.044			FALSE	TRUE	TRUE	351,1181	Human	Spliceosome,C complex spliceosome	FALSE
P07355	P50995	-0.042	HOM		TRUE	FALSE	FALSE			TRUE	
P13861	P31323	-0.041	HOM		TRUE	FALSE	TRUE	878	Human	PKA-AKAP5-ADRB1 complex	TRUE
P51911	Q99439	-0.041			FALSE	TRUE	FALSE			FALSE	
Q96MU7	Q9BYJ9	-0.041			FALSE	TRUE	FALSE			FALSE	
P55786	Q9NZ08	-0.041		HET	FALSE	FALSE	FALSE			FALSE	
O75525	Q96PU8	-0.04	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
Q13356	Q6UX04	-0.039			FALSE	TRUE	FALSE			FALSE	

Table S4 Human

P20337	Q6IQ22	-0.039	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P62820	Q9NP7 2	-0.038	HET	HET	FALSE	FALSE	FALSE	FALSE
P61586	P62745	-0.038	HOM		TRUE	FALSE	FALSE	FALSE
P43357	Q9UNF 1	-0.036			FALSE	TRUE	FALSE	FALSE
P13647	Q7Z79 4	-0.036			FALSE	TRUE	FALSE	FALSE
Q92841	Q9NR3 0	-0.036		HOM	TRUE	FALSE	FALSE	FALSE
O60711	Q9NR1 2	-0.034			FALSE	TRUE	FALSE	TRUE
P04264	Q5XKE 5	-0.034	HET		FALSE	FALSE	FALSE	FALSE
P04083	Q5VT7 9	-0.034			FALSE	TRUE	FALSE	FALSE
P08670	Q03252	-0.033	HOM		TRUE	FALSE	FALSE	FALSE
P09327	P40121	-0.033	HOM		TRUE	FALSE	FALSE	FALSE
P52789	Q2TB9 0	-0.031			FALSE	TRUE	FALSE	FALSE
P31146	Q9BR7 6	-0.031		HOM	TRUE	FALSE	FALSE	TRUE
P06756	P23229	-0.031	HET		FALSE	FALSE	FALSE	FALSE
P37802	P51911	-0.03			FALSE	TRUE	FALSE	FALSE
O75525	Q15637	-0.03	HOM		TRUE	FALSE	FALSE	FALSE
P02511	P04792	-0.029	HOM		TRUE	FALSE	FALSE	TRUE
O15020	O43707	-0.028			FALSE	TRUE	FALSE	FALSE
O95833	Q9Y69 6	-0.028			FALSE	TRUE	FALSE	FALSE
P05787	P35908	-0.028			FALSE	TRUE	FALSE	FALSE
O43795	Q12965	-0.028	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P30622	Q99426	-0.025		HET	FALSE	FALSE	FALSE	FALSE
P31944	Q14790	-0.024		HET	FALSE	FALSE	FALSE	TRUE
P12814	Q13813	-0.024		HOM	TRUE	FALSE	FALSE	FALSE
P07355	P27216	-0.023	HOM		TRUE	FALSE	FALSE	TRUE
P05937	P22676	-0.021			FALSE	TRUE	FALSE	FALSE

Table S4 Human

P06753	P67936	-0.021			FALSE	TRUE	FALSE				TRUE
P29373	Q01469	-0.02	HOM		TRUE	FALSE	FALSE				FALSE
P00352	P49419	-0.019		HOM	TRUE	FALSE	FALSE				FALSE
P50151	Q9UBI6	-0.019			FALSE	TRUE	FALSE				FALSE
P02545	P07196	-0.018	HOM		TRUE	FALSE	FALSE				FALSE
Q7Z2T5	Q9NXH9	-0.016			FALSE	TRUE	FALSE				FALSE
P06733	P09104	-0.016	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P11171	Q9H4G0	-0.015			FALSE	TRUE	FALSE				FALSE
P46063	P54132	-0.015	HOM		TRUE	FALSE	FALSE				FALSE
P05091	P47895	-0.015	HOM		TRUE	FALSE	FALSE				FALSE
Q0D2K2	Q2WGI6	-0.015			FALSE	TRUE	FALSE				FALSE
P02100	P69892	-0.014			FALSE	TRUE	FALSE				FALSE
O75340	Q9UBV8	-0.014	HOM	HET	TRUE	FALSE	TRUE	6375	Human	PEF1-ALG2 complex	TRUE
Q6UX04	Q9H2H8	-0.014			FALSE	TRUE	TRUE	1181	Human	C complex spliceosome	FALSE
Q9BXB4	Q9BXB5	-0.013			FALSE	TRUE	FALSE				FALSE
P35240	Q9Y4F1	-0.011	HOM		TRUE	FALSE	FALSE				FALSE
P11940	Q15717	-0.011	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P04264	Q7Z794	-0.011	HET		FALSE	FALSE	FALSE				TRUE
P35527	Q04695	-0.01			FALSE	TRUE	FALSE				FALSE
P08729	P35908	-0.01			FALSE	TRUE	FALSE				FALSE
P16144	P18084	-0.009	HET		FALSE	FALSE	FALSE				FALSE
P52597	Q8IXT5	-0.009			FALSE	TRUE	FALSE				FALSE
P21291	P50238	-0.009			FALSE	TRUE	FALSE				FALSE
P63104	Q04917	-0.009			FALSE	TRUE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
O95757	Q9Y4L1	-0.008	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P15153	P60953	-0.008	HET	HOM	TRUE	FALSE	FALSE				FALSE

Table S4 Human

O60218	P42330	-0.007		FALSE	TRUE	FALSE	FALSE
P26038	Q9Y4F 1	-0.007		FALSE	TRUE	FALSE	FALSE
P29558	Q9UH X1	-0.006	HOM	TRUE	FALSE	FALSE	FALSE
P04259	Q7Z79 4	-0.005		FALSE	TRUE	FALSE	FALSE
P42025	P63261	-0.004		FALSE	TRUE	FALSE	FALSE
P08758	P27216	-0.004		FALSE	TRUE	FALSE	FALSE
P12277	P12532	-0.004	HOM	TRUE	FALSE	FALSE	FALSE
P48163	Q16798	-0.004		FALSE	TRUE	FALSE	FALSE
P58107	Q92817	-0.004	HET	HOM	TRUE	FALSE	FALSE
P31942	P55795	-0.004		FALSE	TRUE	FALSE	TRUE
O94804	Q13188	-0.003	HOM	TRUE	FALSE	FALSE	FALSE
P23368	Q16798	-0.003	HOM	TRUE	FALSE	FALSE	FALSE
Q7Z73 9	Q9BYJ 9	-0.003		FALSE	TRUE	FALSE	TRUE
Q6NX G1	Q8IXT 5	-0.002		FALSE	TRUE	FALSE	FALSE
P17931	P56470	-0.002	HET	FALSE	FALSE	FALSE	FALSE
Q8ND5 6	Q9BX4 0	-0.002		FALSE	TRUE	FALSE	FALSE
Q86UX 7	Q96AC 1	-0.001		FALSE	TRUE	FALSE	TRUE
P34931	P54652	-0.001		FALSE	TRUE	FALSE	FALSE

Table S4 Human

Q13547	Q92769	0.0004			FALSE	TRUE	TRUE	61,282, 614,62 0,632,6 33,634, 636,64 2,685,6 96,714, 732,73 8,739,7 43,749, 778,87 1,888,1 257,15 05,272 1,2814, 2851,3 167,63 73,642 1	Human	Mi2/NuRD complex,SNF2h- cohesin-NuRD complex,NRD complex,CoREST- HDAC complex,Anti- HDAC2 complex,anti- BHC110 complex,XFIM complex,BHC complex,CtBP complex,MeCP1 complex,BRMS1- SIN3-HDAC complex,BRM-SIN3A complex,SIN3 complex,SIN3-ING1b complex I,SIN3- ING1b complex II,SIN3-SAP25 complex,MeCP2- SIN3A-HDAC complex,LARC complex,BRAF53- BRCA2 complex,MTA2 complex,ALL-1 supercomplex,NCOR2 complex,HCF-1 complex.BRCA1-	TRUE	
P08727	Q04695	0.0005			FALSE	TRUE	FALSE					FALSE
Q96C W1	Q9Y6Q 5	0.0015	HET	HET	FALSE	FALSE	FALSE					FALSE
P53814	Q5M77 5	0.0016			FALSE	TRUE	FALSE					FALSE
O15226	Q9NX V6	0.0018			FALSE	TRUE	FALSE					FALSE
O14787	Q92973	0.0029		HOM	TRUE	FALSE	FALSE					FALSE
P27708	P31327	0.0041		HOM	TRUE	FALSE	FALSE					FALSE

Table S4 Human

Q8TAQ 2	Q92922	0.0045			FALSE	TRUE	TRUE	86,149, 189,23 8,570,7 13,714, 739,77 8,806,1 230,12 37,123 9,1252, 1257,1 413,28 29,306 4,3065, 3067,5 614	Human	NUMAC complex,PBAF complex,BAF complex,SWI-SNF chromatin remodeling- related-BRCA1 complex,p300-CBP- p270-SWI/SNF complex,BRG1- SIN3A complex,BRM- SIN3A complex,SIN3- ING1b complex II,LARC complex,BRM-SIN3A- HDAC complex,WINAC complex,EBAFb complex,EBAFa complex,ALL-1 supercomplex,NCOR1 complex,RSmad complex,RNA polymerase II complex, chromatin structure modifying,RNA polymerase II complex, incomplete, chromatin structure modifying.Emerin	TRUE	
P30405	P62937	0.0057		HOM	TRUE	FALSE	FALSE					FALSE
P01040	P04080	0.0058	HOM	HOM	TRUE	FALSE	FALSE					FALSE
P16219	Q92947	0.0059	HOM	HOM	TRUE	FALSE	FALSE					FALSE
Q08257	Q99536	0.0079	HOM		TRUE	FALSE	FALSE					FALSE
P46734	Q02750	0.0082		HOM	TRUE	FALSE	FALSE					FALSE
P07196	P14136	0.0092			FALSE	TRUE	FALSE					FALSE
P51114	Q06787	0.0094		HET	FALSE	FALSE	FALSE					TRUE
Q96RT 1	Q9H9A 6	0.0095			FALSE	TRUE	FALSE					FALSE
P06396	P09327	0.0101		HOM	TRUE	FALSE	FALSE					FALSE
P17643	P40126	0.0102			FALSE	TRUE	FALSE					FALSE
P24752	Q9BW D1	0.0103	HOM	HOM	TRUE	FALSE	FALSE					TRUE
O94826	Q99614	0.0104	HOM	HOM	TRUE	FALSE	FALSE					FALSE

Table S4 Human

P38159	P62995	0.0106			FALSE	TRUE	FALSE		TRUE
P50479	Q96JY6	0.0109	HOM		TRUE	FALSE	FALSE		FALSE
O43294	Q13642	0.0122			FALSE	TRUE	FALSE		FALSE
P04259	P08729	0.0126			FALSE	TRUE	FALSE		FALSE
P13645	Q04695	0.0128	HET		FALSE	FALSE	FALSE		FALSE
O95466	Q27J81	0.013			FALSE	TRUE	FALSE		FALSE
P04259	P05787	0.0139			FALSE	TRUE	FALSE		FALSE
P14317	Q16643	0.0146			FALSE	TRUE	FALSE		FALSE
P43355	P43363	0.0146			FALSE	TRUE	FALSE		FALSE
P35579	P35580	0.0151			FALSE	TRUE	FALSE		TRUE
P45877	Q9H2H8	0.0152			FALSE	TRUE	FALSE		FALSE
O95757	Q92598	0.0156	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P04350	Q13509	0.0156	HET	HET	FALSE	FALSE	FALSE		FALSE
O00299	Q9Y696	0.0158	HOM		TRUE	FALSE	FALSE		FALSE
O15230	P55268	0.0173			FALSE	TRUE	TRUE	2319 Human	ITGA6-ITGB4-Laminin10/12 complex
P13667	Q8IXB1	0.0174			FALSE	TRUE	FALSE		FALSE
O43143	Q92620	0.0175			FALSE	TRUE	TRUE	351 Human	Spliceosome
P48960	Q6QNK2	0.0175	HET		FALSE	FALSE	FALSE		FALSE
P21291	Q16527	0.0179			FALSE	TRUE	FALSE		FALSE
P20073	Q5VT79	0.0191			FALSE	TRUE	FALSE		FALSE
P22626	Q13151	0.02			FALSE	TRUE	FALSE		FALSE
O00151	P50479	0.0201		HOM	TRUE	FALSE	FALSE		FALSE
P05121	P07093	0.0213	HOM		TRUE	FALSE	FALSE		FALSE
P27105	Q9UJZ1	0.0217	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P43355	P43357	0.0224			FALSE	TRUE	FALSE		FALSE

Table S4 Human

P40306	Q99436	0.0226	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P08133	P27216	0.0228			FALSE	TRUE	FALSE	FALSE
P04259	P04264	0.0231		HET	FALSE	FALSE	FALSE	FALSE
P42566	Q9NZN4	0.0236	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
O43175	Q13363	0.0238	HOM	HET	TRUE	FALSE	FALSE	FALSE
O43813	Q9NS86	0.0241			FALSE	TRUE	FALSE	FALSE
P07203	Q8TED1	0.0257	HOM		TRUE	FALSE	FALSE	FALSE
P30405	P49792	0.0257		HET	FALSE	FALSE	FALSE	FALSE
O43396	P10599	0.0262	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
Q8IVL5	Q92791	0.0264			FALSE	TRUE	FALSE	FALSE
O75340	P30626	0.0266	HOM		TRUE	FALSE	FALSE	FALSE
O43294	P48059	0.0269		HET	FALSE	FALSE	FALSE	FALSE
P42025	P60709	0.027		HET	FALSE	FALSE	FALSE	FALSE
P08727	P35527	0.0273			FALSE	TRUE	FALSE	FALSE
Q9NRV9	Q9Y5Z4	0.0274			FALSE	TRUE	FALSE	FALSE
P09327	Q13045	0.0278	HOM		TRUE	FALSE	FALSE	FALSE
P27216	Q5VT79	0.028			FALSE	TRUE	FALSE	FALSE
P18085	P84085	0.0281			FALSE	TRUE	FALSE	FALSE
P11310	P16219	0.0294	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P15121	P52895	0.0295	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P07900	Q12931	0.0295	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P45877	Q13356	0.0299			FALSE	TRUE	FALSE	FALSE
O75874	P48735	0.0301	HOM	HOM	TRUE	FALSE	FALSE	TRUE
O76070	P37840	0.0302			FALSE	TRUE	FALSE	FALSE
P61163	P63261	0.0302			FALSE	TRUE	FALSE	FALSE

Table S4 Human

O95810	Q969G 5	0.0307			FALSE	TRUE	FALSE		FALSE
O75131	Q99829	0.0316		HOM	TRUE	FALSE	FALSE		FALSE
P23297	P60903	0.0317	HET		FALSE	FALSE	FALSE		FALSE
P36405	P84077	0.032		HOM	TRUE	FALSE	FALSE		FALSE
P58107	Q15149	0.0328	HET	HOM	TRUE	FALSE	FALSE		FALSE
Q9Y49 0	Q9Y4G 6	0.0331	HOM		TRUE	FALSE	FALSE		FALSE
P43363	Q96M G7	0.0334		HET	FALSE	FALSE	FALSE		FALSE
P07437	Q13509	0.0334	HET	HET	FALSE	FALSE	FALSE		TRUE
P06703	P23297	0.0337	HOM	HET	TRUE	FALSE	FALSE		FALSE
Q86XP 3	Q92841	0.0345			FALSE	TRUE	FALSE		FALSE
P25815	P60903	0.0346	HOM		TRUE	FALSE	FALSE		FALSE
O95232	Q9NQ2 9	0.0346	HOM		TRUE	FALSE	FALSE		TRUE
P50851	Q6ZNJ 1	0.0351			FALSE	TRUE	FALSE		FALSE
Q02978	Q9UB X3	0.0352			FALSE	TRUE	FALSE		FALSE
O15479	P43357	0.0357			FALSE	TRUE	FALSE		FALSE
Q5T2T 1	Q9NZ W5	0.0378	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P40763	P42224	0.0385	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P57721	P61978	0.0386		HOM	TRUE	FALSE	FALSE		FALSE
P30530	Q12866	0.0392	HET		FALSE	FALSE	FALSE		FALSE
O60218	P52895	0.0398		HOM	TRUE	FALSE	FALSE		FALSE
P35241	Q9Y4F 1	0.0399			FALSE	TRUE	FALSE		FALSE
Q96RT 1	Q9BTT 6	0.0407			FALSE	TRUE	FALSE		FALSE
Q15293	Q96D1 5	0.041			FALSE	TRUE	FALSE		FALSE
O60231	Q92620	0.0413			FALSE	TRUE	TRUE	351 Human	Spliceosome
Q9BX B5	Q9BZF 1	0.0418			FALSE	TRUE	FALSE		FALSE
P61764	Q15833	0.0425			FALSE	TRUE	FALSE		FALSE

Table S4 Human

Q8IXT 5	Q9NTZ 6	0.0431		HOM	TRUE	FALSE	FALSE		FALSE
P16104	Q8IUE 6	0.0431	HET	HET	FALSE	FALSE	FALSE		TRUE
P13646	Q04695	0.0437			FALSE	TRUE	FALSE		FALSE
P84077	P84085	0.0443	HOM		TRUE	FALSE	FALSE		TRUE
P43121	Q13740	0.0456			FALSE	TRUE	FALSE		FALSE
P04259	Q5XKE 5	0.046			FALSE	TRUE	FALSE		FALSE
P04083	P08758	0.046			FALSE	TRUE	FALSE		TRUE
O95758	Q8WV V9	0.0465			FALSE	TRUE	FALSE		FALSE
P34896	P34897	0.0466			FALSE	TRUE	FALSE		TRUE
Q13617	Q93034	0.0469	HET	HET	FALSE	FALSE	FALSE		TRUE
Q02388	Q99715	0.047			FALSE	TRUE	FALSE		FALSE
Q14739	Q9UB M7	0.0481			FALSE	TRUE	FALSE		FALSE
P20073	P27216	0.0489			FALSE	TRUE	FALSE		FALSE
O60231	Q14562	0.0508		HOM	TRUE	FALSE	TRUE	351 Human	Spliceosome
P42785	Q9UHL 4	0.0509	HOM	HOM	TRUE	FALSE	FALSE		FALSE
O00629	P52294	0.051	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q9NZ0 8	Q9UIQ 6	0.051	HET		FALSE	FALSE	FALSE		FALSE
O43294	O60711	0.0514			FALSE	TRUE	FALSE		FALSE
P05091	P49419	0.0514	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P04259	P35908	0.0515			FALSE	TRUE	FALSE		FALSE
P05164	Q92626	0.0528			FALSE	TRUE	FALSE		FALSE
O43491	Q9Y2J 2	0.0528			FALSE	TRUE	FALSE		TRUE
P69891	P69905	0.0533	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q8N12 9	Q9BT0 9	0.0541			FALSE	TRUE	FALSE		FALSE
P23229	P26006	0.0544			FALSE	TRUE	FALSE		FALSE
A0AVT 1	P22314	0.0544			FALSE	TRUE	FALSE		FALSE

Table S4 Human

P06239	P12931	0.0547	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P07437	Q9BUF5	0.0573	HET	HET	FALSE	FALSE	FALSE	FALSE
Q9ULC6	Q9ULW8	0.0576			FALSE	TRUE	FALSE	TRUE
P27216	P50995	0.0583			FALSE	TRUE	FALSE	FALSE
Q09666	Q8IVF2	0.0589			FALSE	TRUE	FALSE	FALSE
P11142	P54652	0.0591	HOM		TRUE	FALSE	FALSE	TRUE
P18085	P36405	0.0596			FALSE	TRUE	FALSE	FALSE
P08133	P20073	0.0597			FALSE	TRUE	FALSE	FALSE
O14979	Q96DH6	0.0598			FALSE	TRUE	FALSE	FALSE
Q07157	Q9NZW5	0.0601	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q96A00	Q96C90	0.0609			FALSE	TRUE	FALSE	FALSE
P43355	P43358	0.062			FALSE	TRUE	FALSE	FALSE
O94973	O95782	0.0622	HET	HET	FALSE	FALSE	FALSE	TRUE
P05091	Q8IZ83	0.0645	HOM		TRUE	FALSE	FALSE	FALSE
P15153	P63000	0.0647	HET	HOM	TRUE	FALSE	FALSE	FALSE
P02008	P69891	0.0649		HOM	TRUE	FALSE	FALSE	FALSE
P04083	P08133	0.0653			FALSE	TRUE	FALSE	FALSE
Q8IVD9	Q9Y266	0.0659			FALSE	TRUE	FALSE	FALSE
O15400	Q86Y82	0.0663			FALSE	TRUE	FALSE	TRUE
P07355	Q5VT79	0.0672	HOM		TRUE	FALSE	FALSE	FALSE
P21291	P52943	0.0677			FALSE	TRUE	FALSE	FALSE
P51452	Q5VZP5	0.0689	HOM		TRUE	FALSE	FALSE	FALSE
Q12959	Q9NZW5	0.069	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O95486	O95487	0.0696	HET	HET	FALSE	FALSE	FALSE	TRUE
O60711	Q14192	0.0697			FALSE	TRUE	FALSE	FALSE
P29558	Q13310	0.0705			FALSE	TRUE	FALSE	FALSE

Table S4 Human

P52597	P55795	0.0708			FALSE	TRUE	FALSE	TRUE
O60610	Q27J81	0.0715	HOM		TRUE	FALSE	FALSE	FALSE
P52597	Q9NTZ 6	0.072		HOM	TRUE	FALSE	FALSE	FALSE
O60732	P43363	0.0723			FALSE	TRUE	FALSE	FALSE
P38919	Q14240	0.0728	HET		FALSE	FALSE	FALSE	TRUE
P12111	Q99715	0.0731			FALSE	TRUE	FALSE	FALSE
P11940	Q13310	0.0732	HOM		TRUE	FALSE	FALSE	FALSE
Q9NR R5	Q9UM X0	0.0745	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	TRUE
P51784	Q9Y4E 8	0.075		HOM	TRUE	FALSE	FALSE	TRUE
P15170	Q9Y45 0	0.0763	HET		FALSE	FALSE	FALSE	FALSE
P04264	P08729	0.0766	HET		FALSE	FALSE	FALSE	FALSE
P13797	Q14651	0.0778			FALSE	TRUE	FALSE	TRUE
P04083	P50995	0.0778			FALSE	TRUE	FALSE	FALSE
Q13177	Q9UE W8	0.078			FALSE	TRUE	FALSE	FALSE
O75323	Q9BP W8	0.0782			FALSE	TRUE	FALSE	FALSE
P53634	Q9GZ M7	0.0785	HET		FALSE	FALSE	FALSE	FALSE
P08758	P12429	0.0788			FALSE	TRUE	FALSE	FALSE
Q86V4 8	Q9P2B 4	0.079		HOM	TRUE	FALSE	FALSE	FALSE
P11021	P54652	0.0802	HOM		TRUE	FALSE	FALSE	FALSE
P51610	Q7Z6M 1	0.0803			FALSE	TRUE	FALSE	FALSE
P02461	P20908	0.0808			FALSE	TRUE	FALSE	FALSE
P05783	P35900	0.0813			FALSE	TRUE	FALSE	FALSE
O75607	P06748	0.0813			FALSE	TRUE	FALSE	TRUE
P68104	Q05639	0.082	HET	HET	FALSE	FALSE	FALSE	TRUE
Q5M77 5	Q8NDI 1	0.0836			FALSE	TRUE	FALSE	FALSE

Table S4 Human

Q9NZ W5	Q9UD Y2	0.0845	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q53H9 6	Q96C3 6	0.0846	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O60437	Q15149	0.0851	HET	HOM	TRUE	FALSE	FALSE	FALSE
P04083	P12429	0.0851			FALSE	TRUE	FALSE	FALSE
P08727	P13645	0.0853		HET	FALSE	FALSE	FALSE	FALSE
Q9BR7 6	Q9ULV 4	0.0857	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q9UH R4	Q9UQ B8	0.0858		HOM	TRUE	FALSE	FALSE	TRUE
P08134	P61586	0.0858		HOM	TRUE	FALSE	FALSE	TRUE
P69891	P69892	0.0859	HOM		TRUE	FALSE	FALSE	FALSE
Q05707	Q99715	0.0861			FALSE	TRUE	FALSE	FALSE
O60711	P49023	0.087			FALSE	TRUE	FALSE	FALSE
P06239	P07947	0.0876	HOM		TRUE	FALSE	FALSE	FALSE
O00291	Q9Y4G 6	0.089	HOM		TRUE	FALSE	FALSE	FALSE
P61225	P62834	0.0897		HET	FALSE	FALSE	FALSE	FALSE
P36404	Q9NVJ 2	0.0899	HET		FALSE	FALSE	FALSE	FALSE
P40763	P51692	0.0904	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P36404	P36405	0.0908	HET		FALSE	FALSE	FALSE	TRUE
Q6P58 7	Q96GK 7	0.0915	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q00013	Q5T2T 1	0.0917	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P31942	Q6NX G1	0.0919			FALSE	TRUE	FALSE	FALSE
Q13617	Q13620	0.092	HET	HET	FALSE	FALSE	FALSE	TRUE
P20591	P50570	0.092	HOM		TRUE	FALSE	FALSE	FALSE
P15924	Q92817	0.093	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q96AE 4	Q96I24	0.0932	HET		FALSE	FALSE	FALSE	TRUE
Q86X5 5	Q99873	0.0934	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P04083	P20073	0.0939			FALSE	TRUE	FALSE	FALSE

Table S4 Human

P14550	P52895	0.0941		HOM	TRUE	FALSE	FALSE		FALSE	
P00505	P17174	0.0942	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
P15311	P35241	0.0946			FALSE	TRUE	FALSE		TRUE	
P35749	Q7Z40 6	0.0947			FALSE	TRUE	FALSE		FALSE	
O43432	P78344	0.0948	HET	HET	FALSE	FALSE	FALSE		TRUE	
P23528	P60981	0.0952			FALSE	TRUE	FALSE		FALSE	
P47895	P49419	0.0959		HOM	TRUE	FALSE	FALSE		FALSE	
Q96B9 7	Q9Y5K 6	0.0973	HOM		TRUE	FALSE	TRUE	846 Human	RICH1/AMOT polarity complex, Flag-Rich1 precipitated	TRUE
Q14247	Q16643	0.0983	HOM		TRUE	FALSE	FALSE		TRUE	
P62879	Q9HA V0	0.0986			FALSE	TRUE	FALSE		FALSE	
A1L0T 0	Q9UJ8 3	0.0987			FALSE	TRUE	FALSE		FALSE	
P50238	P52943	0.0987			FALSE	TRUE	FALSE		FALSE	
P47895	Q8IZ83	0.0988			FALSE	TRUE	FALSE		FALSE	
Q6PCE 3	Q96G0 3	0.0989			FALSE	TRUE	FALSE		FALSE	
P30048	Q06830	0.0996	HOM	HOM	TRUE	FALSE	FALSE		TRUE	
O60218	P14550	0.1001			FALSE	TRUE	FALSE		FALSE	
P15144	Q9UIQ 6	0.1008			FALSE	TRUE	FALSE		FALSE	
P33240	Q9H0L 4	0.101	HET	HET	FALSE	FALSE	FALSE		TRUE	
P13647	P35908	0.101			FALSE	TRUE	FALSE		TRUE	
P51911	Q01995	0.1016			FALSE	TRUE	FALSE		FALSE	
O95747	Q9UE W8	0.1018	HOM		TRUE	FALSE	FALSE		FALSE	
P52292	P52294	0.1021	HET,H OM	HOM	TRUE	FALSE	FALSE		TRUE	
P55212	Q14790	0.1023	HOM	HET	TRUE	FALSE	FALSE		TRUE	
P43357	P43358	0.1027			FALSE	TRUE	FALSE		FALSE	
O75521	Q13011	0.1032	HOM	HOM	TRUE	FALSE	FALSE		TRUE	

Table S4 Human

O00186	Q15833	0.1037			FALSE	TRUE	FALSE	FALSE
O95425	P40121	0.1048			FALSE	TRUE	FALSE	FALSE
O15479	Q96M G7	0.1048		HET	FALSE	FALSE	FALSE	FALSE
Q9H5I1	Q9H9B 1	0.1053		HOM	TRUE	FALSE	FALSE	TRUE
O43795	O94832	0.1057	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O60218	P15121	0.1065		HOM	TRUE	FALSE	FALSE	FALSE
O43707	Q13813	0.1067		HOM	TRUE	FALSE	FALSE	FALSE
P04264	P35908	0.1069	HET		FALSE	FALSE	FALSE	TRUE
P11171	Q9Y2J 2	0.107			FALSE	TRUE	FALSE	FALSE
Q32P2 8	Q8IVL 5	0.1086			FALSE	TRUE	FALSE	FALSE
Q96DH 6	Q96EP 5	0.1087			FALSE	TRUE	FALSE	FALSE
Q8IXB 1	Q8NBS 9	0.1087			FALSE	TRUE	FALSE	FALSE
O94832	Q12965	0.1087	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P00533	Q05397	0.109	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P49588	Q5JTZ 9	0.1092			FALSE	TRUE	FALSE	FALSE
P63000	P84095	0.1092	HOM		TRUE	FALSE	FALSE	FALSE
P27144	Q9UII7	0.111			FALSE	TRUE	FALSE	FALSE
P43355	Q9UNF 1	0.1113			FALSE	TRUE	FALSE	FALSE
P10644	P31323	0.1118			FALSE	TRUE	FALSE	TRUE
Q08257	Q53FA 7	0.1119	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P40939	Q16836	0.1119		HOM	TRUE	FALSE	FALSE	FALSE
Q13268	Q9BUT 1	0.1137		HOM	TRUE	FALSE	FALSE	FALSE
P14625	Q12931	0.1138	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P42765	P55084	0.1139		HOM	TRUE	FALSE	FALSE	FALSE
P36507	P46734	0.1146			FALSE	TRUE	FALSE	FALSE
P20742	Q6YH K3	0.1149		HET	FALSE	FALSE	FALSE	FALSE

Table S4 Human

O94880	Q6IE81	0.1155			FALSE	TRUE	FALSE		FALSE
P07355	P08758	0.1163	HOM		TRUE	FALSE	FALSE		FALSE
Q13838	Q9UHI 6	0.1168	HOM		TRUE	FALSE	FALSE		FALSE
Q13148	Q96DH 6	0.1172			FALSE	TRUE	FALSE		TRUE
P12111	Q05707	0.1175			FALSE	TRUE	FALSE		FALSE
P20337	P61026	0.118	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P51159	P61026	0.1185	HET,H OM	HOM	TRUE	FALSE	FALSE		FALSE
Q9H93 6	Q9UJS 0	0.119			FALSE	TRUE	FALSE		FALSE
P12814	Q01082	0.1193		HOM	TRUE	FALSE	FALSE		FALSE
P98179	Q96E3 9	0.1194			FALSE	TRUE	FALSE		FALSE
O60437	Q92817	0.1199	HET	HOM	TRUE	FALSE	FALSE		TRUE
Q96DI7	Q9NV X2	0.1201			FALSE	TRUE	FALSE		FALSE
P52597	Q12849	0.1206			FALSE	TRUE	FALSE		FALSE
Q9BUF 5	Q9BV A1	0.1214	HET	HET	FALSE	FALSE	FALSE		FALSE
P15144	P55786	0.1217			FALSE	TRUE	FALSE		FALSE
Q9BY4 3	Q9H44 4	0.1223			FALSE	TRUE	TRUE	1186 Human	ESCRT-III complex
P02749	P15529	0.1223	HET		FALSE	FALSE	FALSE		FALSE
P42566	Q9UB C2	0.123	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE		FALSE
Q16222	Q3KQ V9	0.1231	HOM		TRUE	FALSE	FALSE		FALSE
P78362	Q96SB 4	0.1232	HOM	HET,H OM	TRUE	FALSE	FALSE		TRUE
Q07157	Q5T2T 1	0.1233	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q8NDI 1	Q8TDZ 2	0.1234			FALSE	TRUE	FALSE		FALSE
O43447	Q6UX0 4	0.1234	HET		FALSE	FALSE	FALSE		FALSE
O00505	O60684	0.1238	HOM	HOM	TRUE	FALSE	FALSE		TRUE
Q12792	Q6IBS 0	0.1244	HOM		TRUE	FALSE	FALSE		FALSE

Table S4 Human

O00505	P52294	0.1244	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P14136	Q03252	0.125			FALSE	TRUE	FALSE	FALSE
O75718	Q8IVL6	0.1251			FALSE	TRUE	FALSE	FALSE
Q15063	Q15582	0.1265			FALSE	TRUE	FALSE	FALSE
P04264	P05787	0.1266	HET		FALSE	FALSE	FALSE	FALSE
P31943	Q12849	0.1271			FALSE	TRUE	FALSE	FALSE
P07093	P36952	0.1272			FALSE	TRUE	FALSE	FALSE
Q99584	Q9HCY8	0.1277	HOM		TRUE	FALSE	FALSE	FALSE
P61964	Q96DI7	0.1287			FALSE	TRUE	FALSE	TRUE
P11310	Q92947	0.129	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9HC16	Q9NRW3	0.1291	HOM		TRUE	FALSE	FALSE	FALSE
P26885	Q96AY3	0.1292			FALSE	TRUE	FALSE	FALSE
P07196	P08670	0.1295		HOM	TRUE	FALSE	FALSE	TRUE
P02008	P02100	0.1301			FALSE	TRUE	FALSE	FALSE
O43815	P53621	0.1305		HOM	TRUE	FALSE	FALSE	FALSE
P30048	Q13162	0.1306	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q9NW M8	Q9Y680	0.1312			FALSE	TRUE	FALSE	FALSE
P42574	P55212	0.1318	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q14195	Q16555	0.1325	HET	HOM	TRUE	FALSE	FALSE	TRUE
Q7Z739	Q96MU7	0.1325			FALSE	TRUE	FALSE	FALSE
O14936	Q5T2T1	0.134	HET,HOM	HOM	TRUE	FALSE	FALSE	FALSE
P19075	P21926	0.1347		HOM	TRUE	FALSE	FALSE	FALSE
P55795	Q6NXG1	0.1364			FALSE	TRUE	FALSE	FALSE
P30101	Q8IXB1	0.1366	HET		FALSE	FALSE	FALSE	FALSE
Q9NR46	Q9Y371	0.1372	HET	HET	FALSE	FALSE	FALSE	TRUE
P24752	P55084	0.1373	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Human

P61019	Q15907	0.1383	HET	HET	FALSE	FALSE	FALSE			FALSE	
P24386	P31150	0.1387	HET	HET	FALSE	FALSE	FALSE			FALSE	
O60711	Q13642	0.1388			FALSE	TRUE	FALSE			FALSE	
P07858	Q9UB R2	0.1388	HET		FALSE	FALSE	FALSE			FALSE	
P02100	P69891	0.1395		HOM	TRUE	FALSE	FALSE			FALSE	
O43143	Q14562	0.1399		HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	FALSE
Q96NB 2	Q9BW M7	0.1408			FALSE	TRUE	FALSE				FALSE
P17858	Q01813	0.1416	HET	HET	FALSE	FALSE	FALSE				TRUE
P14136	P20700	0.1416			FALSE	TRUE	FALSE				FALSE
P84103	Q16629	0.1423			FALSE	TRUE	TRUE	351	Human	Spliceosome	TRUE
P08729	P13647	0.1427			FALSE	TRUE	FALSE				FALSE
P19367	P52789	0.1429	HOM		TRUE	FALSE	FALSE				TRUE
P08238	Q12931	0.143	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P23368	P48163	0.1438	HOM		TRUE	FALSE	FALSE				FALSE
Q14562	Q92620	0.1439	HOM		TRUE	FALSE	TRUE	351,11 81	Human	Spliceosome,C complex spliceosome	FALSE
P49902	Q5TFE 4	0.1448	HOM		TRUE	FALSE	FALSE				FALSE
Q12849	Q8IXT 5	0.145			FALSE	TRUE	FALSE				FALSE
P07332	P41240	0.1454			FALSE	TRUE	FALSE				FALSE
Q5T2T 1	Q9UD Y2	0.1457	HOM	HOM	TRUE	FALSE	FALSE				FALSE
O00299	O95833	0.1463	HOM		TRUE	FALSE	FALSE				FALSE
Q9NZI 8	Q9Y6 M1	0.1469	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P07093	P50454	0.1469			FALSE	TRUE	FALSE				FALSE
P23297	P31949	0.147	HET		FALSE	FALSE	FALSE				FALSE
P60709	Q562R 1	0.1476	HET		FALSE	FALSE	FALSE				FALSE
P13646	P35527	0.1477			FALSE	TRUE	FALSE				FALSE
P07858	Q9GZ M7	0.1477	HET		FALSE	FALSE	FALSE				FALSE

Table S4 Human

Q9H0U4	Q9NP72	0.1483	HET	HET	FALSE	FALSE	FALSE	FALSE
P37802	Q01995	0.1485			FALSE	TRUE	FALSE	FALSE
O15020	Q13813	0.1487		HOM	TRUE	FALSE	FALSE	TRUE
P13667	P30101	0.1489		HET	FALSE	FALSE	FALSE	TRUE
Q7L014	Q9NR30	0.1493		HOM	TRUE	FALSE	FALSE	FALSE
P49748	Q9H845	0.1499	HOM		TRUE	FALSE	FALSE	FALSE
P26599	Q8WV9	0.1503			FALSE	TRUE	FALSE	FALSE
P60709	P61163	0.1509	HET		FALSE	FALSE	FALSE	FALSE
P02008	P69905	0.1519		HOM	TRUE	FALSE	FALSE	FALSE
Q13617	Q13619	0.1526	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
Q96MU7	Q9Y5A9	0.1528			FALSE	TRUE	FALSE	FALSE
P31146	P57737	0.1533			FALSE	TRUE	FALSE	FALSE
O43852	Q9BRK5	0.1534			FALSE	TRUE	FALSE	FALSE
Q96KQ7	Q9H5I1	0.1539	HET		FALSE	FALSE	FALSE	TRUE
P14866	Q8WV9	0.1543			FALSE	TRUE	FALSE	FALSE
P54136	Q5T160	0.1545			FALSE	TRUE	FALSE	FALSE
Q14103	Q96DH6	0.1548			FALSE	TRUE	FALSE	FALSE
Q07666	Q15637	0.1556	HOM		TRUE	FALSE	FALSE	FALSE
P61289	Q9UL46	0.1577			FALSE	TRUE	FALSE	FALSE
P09651	P22626	0.1582	HOM		TRUE	FALSE	TRUE	1181 Human C complex spliceosome TRUE
P06703	P60903	0.1582	HOM		TRUE	FALSE	FALSE	FALSE
P49023	Q13642	0.1585			FALSE	TRUE	FALSE	FALSE
P42566	Q9H4M9	0.1585	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
Q13268	Q7Z4W1	0.1593		HOM	TRUE	FALSE	FALSE	FALSE
B011T2	Q12965	0.1595	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Human

P19012	Q04695	0.1597			FALSE	TRUE	FALSE			FALSE	
O75475	Q7Z4V 5	0.1602			FALSE	TRUE	FALSE			FALSE	
O15230	P07942	0.1607			FALSE	TRUE	TRUE	2318	Human	ITGA6-ITGB4- Laminin10/12 complex	FALSE
P18858	P49916	0.1609	HOM		TRUE	FALSE	FALSE				FALSE
Q02218	Q96HY 7	0.1612			FALSE	TRUE	FALSE				FALSE
Q00653	Q04206	0.1614	HOM	HET	TRUE	FALSE	TRUE	5193,5 194,51 96,523 0,5232, 5233	Human	TNF-alpha/NF-kappa B signaling complex,CHUK- NFKB2-REL-IKBKG- SPAG9-NFKB1- NFKBIE-COPB2- TNIP1-NFKBIA- RELA-TNIP2 complex,TNF- alpha/Nf-kappa B signaling complex,TNF- alpha/NF-kappa B signaling complex 5	TRUE
Q7L01 4	Q86XP 3	0.1616			FALSE	TRUE	FALSE				FALSE
Q8IVL 6	Q92791	0.1618			FALSE	TRUE	FALSE				FALSE
Q86UP 2	Q9P2E 9	0.1628	HOM		TRUE	FALSE	FALSE				FALSE
P31947	Q04917	0.1633	HOM		TRUE	FALSE	FALSE				FALSE
P61163	Q562R 1	0.1635			FALSE	TRUE	FALSE				FALSE
O75367	Q9P0M 6	0.1637	HOM	HET	TRUE	FALSE	FALSE				TRUE
P08246	P24158	0.1643	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P39059	P39060	0.1644	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P05997	P08123	0.1646			FALSE	TRUE	FALSE				FALSE
Q92900	Q9HCE 1	0.165	HOM		TRUE	FALSE	FALSE				TRUE
P60981	Q9Y28 1	0.1651			FALSE	TRUE	FALSE				TRUE
Q9BR Q6	Q9NX6 3	0.1656			FALSE	TRUE	TRUE	6249,6 255	Human	MIB complex,MICOS complex	FALSE
P02100	P69905	0.1659		HOM	TRUE	FALSE	FALSE				FALSE

Table S4 Human

Q8IUE6	Q9P0M6	0.1661	HET	HET	FALSE	FALSE	FALSE				TRUE
P54652	Q0VDF9	0.1681		HET	FALSE	FALSE	FALSE				FALSE
P04626	Q05397	0.1689	HOM	HOM	TRUE	FALSE	FALSE				TRUE
Q00688	Q13451	0.1692		HET	FALSE	FALSE	FALSE				FALSE
Q12959	Q5T2T1	0.171	HOM	HOM	TRUE	FALSE	TRUE	6260,6263	Human	MPP7-DLG1-LIN7A complex,MPP7-DLG1-LIN7C complex	FALSE
O95425	P06396	0.1722			FALSE	TRUE	FALSE				FALSE
O43447	Q9Y3C6	0.1728	HET		FALSE	FALSE	TRUE	351	Human	Spliceosome	FALSE
P20339	P61020	0.1729	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P15153	P84095	0.173	HET		FALSE	FALSE	FALSE				FALSE
P48059	Q14192	0.173	HET		FALSE	FALSE	FALSE				FALSE
P31944	P42574	0.1735		HOM	TRUE	FALSE	FALSE				FALSE
O60784	Q6ZVM7	0.1743			FALSE	TRUE	FALSE				FALSE
Q13188	Q9P289	0.1744			FALSE	TRUE	FALSE				FALSE
Q7Z4W1	Q99714	0.1744	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P38159	Q96E39	0.1748			FALSE	TRUE	FALSE				FALSE
P36507	Q02750	0.1755		HOM	TRUE	FALSE	TRUE	5872	Human	BRAF-MAP2K1-MAP2K2-YWHAE complex	TRUE
O14936	Q07157	0.1771	HET,HOM	HOM	TRUE	FALSE	FALSE				FALSE
P08133	P08758	0.1778			FALSE	TRUE	FALSE				FALSE
Q32P28	Q8IVL6	0.1781			FALSE	TRUE	FALSE				FALSE
P08123	P20908	0.1786			FALSE	TRUE	FALSE				FALSE
Q53FA7	Q99536	0.1791	HOM		TRUE	FALSE	FALSE				FALSE
P48059	Q9NR12	0.1791	HET		FALSE	FALSE	FALSE				FALSE
P31943	Q9NTZ6	0.1797		HOM	TRUE	FALSE	FALSE				FALSE
P04899	Q14344	0.1799			FALSE	TRUE	FALSE				FALSE

Table S4 Human

P57737	Q9BR76	0.1801		HOM	TRUE	FALSE	FALSE			FALSE
Q14247	Q9UJU6	0.1806	HOM		TRUE	FALSE	FALSE			FALSE
P30622	Q14203	0.1807		HOM	TRUE	FALSE	FALSE			TRUE
O43294	P49023	0.181			FALSE	TRUE	FALSE			TRUE
P23284	Q13356	0.1811			FALSE	TRUE	FALSE			FALSE
P24752	P42765	0.1812	HOM		TRUE	FALSE	FALSE			TRUE
O43854	Q96PD2	0.1812			FALSE	TRUE	FALSE			FALSE
P04899	P50148	0.1816			FALSE	TRUE	FALSE			FALSE
P35580	Q7Z406	0.1817			FALSE	TRUE	FALSE			FALSE
O95302	P26885	0.1831			FALSE	TRUE	FALSE			FALSE
Q13642	Q96HC4	0.1834			FALSE	TRUE	FALSE			FALSE
O00148	Q9UHI6	0.1839			FALSE	TRUE	FALSE			FALSE
Q13509	Q9BV A1	0.1842	HET	HET	FALSE	FALSE	FALSE			TRUE
Q15084	Q8IXB1	0.1845			FALSE	TRUE	FALSE			FALSE
Q12849	Q9NTZ6	0.1848		HOM	TRUE	FALSE	FALSE			FALSE
Q6UX04	Q9Y3C6	0.1854			FALSE	TRUE	TRUE	1181 Human	C complex spliceosome	FALSE
Q14257	Q96D15	0.1855			FALSE	TRUE	FALSE			FALSE
P00352	P05091	0.1868		HOM	TRUE	FALSE	FALSE			TRUE
O75718	Q8IVL5	0.1881			FALSE	TRUE	FALSE			FALSE
P08758	P20073	0.1883			FALSE	TRUE	FALSE			FALSE
P23284	P45877	0.19			FALSE	TRUE	FALSE			FALSE
P31942	P52597	0.19			FALSE	TRUE	FALSE			TRUE
O15540	P29373	0.19		HOM	TRUE	FALSE	FALSE			FALSE
Q9UH D9	Q9UM X0	0.1909	HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	5209 Human	Ubiquilin-proteasome complex	TRUE
P00352	Q8IZ83	0.191			FALSE	TRUE	FALSE			FALSE

Table S4 Human

Q43291	P48307	0.1919			FALSE	TRUE	FALSE			FALSE	
Q7Z739	Q9Y5A9	0.1921			FALSE	TRUE	FALSE			FALSE	
Q06323	Q9UL46	0.1925	HOM		TRUE	FALSE	TRUE	30,192,193	Human	PA28 complex,PA28-20S proteasome,PA700-20S-PA28 complex	TRUE
P00533	P04626	0.193	HOM	HOM	TRUE	FALSE	TRUE	1185	Human	EGFR-containing signaling complex	TRUE
O60437	P58107	0.1944	HET	HET	FALSE	FALSE	FALSE				FALSE
P55795	Q12849	0.1948			FALSE	TRUE	FALSE				FALSE
O00505	P52292	0.1951	HOM	HET,HOM	TRUE	FALSE	FALSE				TRUE
P26447	P60903	0.1952			FALSE	TRUE	FALSE				FALSE
P07951	P67936	0.1957			FALSE	TRUE	FALSE				TRUE
O95302	Q9Y680	0.1961			FALSE	TRUE	FALSE				FALSE
P52597	Q6NXG1	0.1967			FALSE	TRUE	FALSE				FALSE
Q8IX12	Q8N163	0.1974			FALSE	TRUE	FALSE				FALSE
O75367	Q8IUE6	0.1977	HOM	HET	TRUE	FALSE	FALSE				FALSE
P07910	Q9UKM9	0.1978			FALSE	TRUE	TRUE	1181	Human	C complex spliceosome	TRUE
O60732	Q9UNF1	0.1983			FALSE	TRUE	FALSE				FALSE
P32322	Q53H96	0.1986	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P80303	Q02818	0.1988			FALSE	TRUE	FALSE				FALSE
P14550	P42330	0.2002			FALSE	TRUE	FALSE				FALSE
Q08211	Q9H2U1	0.2013	HOM		TRUE	FALSE	FALSE				FALSE
P06756	P08648	0.2014	HET		FALSE	FALSE	FALSE				FALSE
P30101	Q8NBS9	0.2019	HET		FALSE	FALSE	FALSE				FALSE
P57737	Q9ULV4	0.2021		HOM	TRUE	FALSE	FALSE				FALSE
P43363	Q9UNF1	0.2021			FALSE	TRUE	FALSE				FALSE
O14936	Q9NZW5	0.2024	HET,HOM	HOM	TRUE	FALSE	FALSE				FALSE
P48059	Q13642	0.2033	HET		FALSE	FALSE	FALSE				FALSE

Table S4 Human

P16104	Q9P0M6	0.2042	HET	HET	FALSE	FALSE	FALSE			FALSE
Q12849	Q6NXG1	0.2052			FALSE	TRUE	FALSE			FALSE
P13646	P19012	0.2062			FALSE	TRUE	FALSE			FALSE
O00571	Q9UJV9	0.2063			FALSE	TRUE	TRUE	351 Human	Spliceosome	FALSE
O75340	P04632	0.2064	HOM	HET	TRUE	FALSE	FALSE			FALSE
O15540	P09455	0.2065			FALSE	TRUE	FALSE			FALSE
P36405	P84085	0.2085			FALSE	TRUE	FALSE			FALSE
Q13620	Q93034	0.2088	HET	HET	FALSE	FALSE	FALSE			TRUE
P31946	P31947	0.2091		HOM	TRUE	FALSE	FALSE			TRUE
P20339	Q9UL25	0.2093	HOM	HET	TRUE	FALSE	FALSE			FALSE
P49023	Q96HC4	0.21			FALSE	TRUE	FALSE			FALSE
Q9NQ29	Q9Y383	0.2103			FALSE	TRUE	FALSE			TRUE
P15121	P42330	0.2108	HOM		TRUE	FALSE	FALSE			FALSE
P61981	Q04917	0.211			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1	TRUE

Table S4 Human

										Mi2/NuRD complex,hNURF complex,SNF2h-cohesin-NuRD complex,NuRD.1 complex,Anti-HDAC2 complex,HDAC1-associated protein complex,HDAC1-associated core complex cII,HDAC2-associated core complex,MeCP1 complex,BRMS1-SIN3-HDAC complex,SIN3 complex,SIN3-ING1b complex I,SIN3-ING1b complex II,SIN3-SAP25 complex,MTA1 complex,MTA2 complex,MTA1-HDAC core complex,Polycomb repressive complex 2,ALL-1 supercomplex,HCF-1 complex,ING2 complex,Gata1-Fog1-	
Q09028	Q16576	0.2112			FALSE	TRUE	TRUE	61,100,282,587,632,646,649,650,685,696,732,738,739,743,886,888,889,996,1257,2721,2851,2750	Human,Mouse		TRUE
P52943	Q16527	0.2118			FALSE	TRUE	FALSE				FALSE
P18206	P35221	0.2121	HET	HOM	TRUE	FALSE	FALSE				TRUE
Q15149	Q9UPN3	0.2135	HOM		TRUE	FALSE	FALSE				FALSE
O60437	P15924	0.2135	HET	HOM	TRUE	FALSE	FALSE				FALSE
Q96199	Q9P2R7	0.2137			FALSE	TRUE	FALSE				FALSE
P51159	Q6IQ22	0.2141	HET,HOM	HOM	TRUE	FALSE	FALSE				FALSE
Q99470	Q9HCN8	0.2142			FALSE	TRUE	FALSE				FALSE
P50552	Q8N8S7	0.2148	HOM	HET	TRUE	FALSE	FALSE				TRUE
P42025	Q562R1	0.2156			FALSE	TRUE	FALSE				FALSE
P15924	Q15149	0.2161	HOM	HOM	TRUE	FALSE	FALSE				FALSE
O14936	Q00013	0.2173	HET,HOM	HOM	TRUE	FALSE	FALSE				FALSE
P02008	P69892	0.2174			FALSE	TRUE	FALSE				FALSE

Table S4 Human

Q15149	Q92817	0.2185	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P27797	P27824	0.2194			FALSE	TRUE	FALSE			TRUE	
P07711	P09668	0.2196	HOM		TRUE	FALSE	FALSE			TRUE	
P08237	P17858	0.2197	HET	HET	FALSE	FALSE	FALSE			TRUE	
O00264	O15173	0.2205	HOM		TRUE	FALSE	FALSE			FALSE	
O43707	Q01082	0.2213		HOM	TRUE	FALSE	FALSE			FALSE	
O43237	Q9Y6G9	0.222	HOM	HOM	TRUE	FALSE	FALSE			TRUE	
P21796	P45880	0.2221			FALSE	TRUE	FALSE			TRUE	
Q02790	Q13451	0.2234	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P49023	Q9NR12	0.2234			FALSE	TRUE	FALSE			FALSE	
O75436	Q4G0F5	0.2235	HET	HET	FALSE	FALSE	FALSE			TRUE	
O76041	Q14847	0.2237			FALSE	TRUE	FALSE			FALSE	
P05556	P16144	0.225	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P43403	Q05397	0.2251	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P06493	P24941	0.2256		HET	FALSE	FALSE	TRUE	5559	Human	CDC2-CCNA2-CDK2 complex	TRUE
Q15654	Q93052	0.2288			FALSE	TRUE	FALSE			FALSE	
P11940	Q9UHX1	0.2311	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
Q13310	Q15717	0.2316		HOM	TRUE	FALSE	FALSE			TRUE	
O95292	Q9POL0	0.2327	HET	HET	FALSE	FALSE	FALSE			TRUE	
P60709	P63261	0.233	HET		FALSE	FALSE	TRUE	189,2254	Human	BAF complex,CTGF/Hcs24-actin complex	TRUE
P08727	P13646	0.2341			FALSE	TRUE	FALSE			FALSE	
P42566	Q9H223	0.2348	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE			FALSE	
O60684	P52294	0.2357	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P50148	Q14344	0.2361			FALSE	TRUE	FALSE			FALSE	
O43447	Q13356	0.2363	HET		FALSE	FALSE	TRUE	351	Human	Spliceosome	FALSE

Table S4 Human

P31942	Q9NTZ 6	0.2365		HOM	TRUE	FALSE	FALSE	FALSE
P11021	Q0VDF 9	0.2372	HOM	HET	TRUE	FALSE	FALSE	FALSE
P18085	P36404	0.2382		HET	FALSE	FALSE	FALSE	FALSE
P24941	Q00534	0.2393	HET	HOM	TRUE	FALSE	FALSE	TRUE
O75494	Q01130	0.2402		HOM	TRUE	FALSE	FALSE	FALSE
O15479	O60732	0.2405			FALSE	TRUE	FALSE	FALSE
Q9H3G 5	Q9HB4 0	0.2412			FALSE	TRUE	FALSE	FALSE
P53634	Q9UB R2	0.2414	HET		FALSE	FALSE	FALSE	FALSE
O14974	Q8WU F5	0.2415			FALSE	TRUE	FALSE	FALSE
O60831	O75915	0.2426			FALSE	TRUE	FALSE	FALSE
P13645	P13646	0.2441	HET		FALSE	FALSE	FALSE	FALSE
P18206	P26232	0.2442	HET		FALSE	FALSE	FALSE	FALSE
P04632	Q9UB V8	0.2445	HET	HET	FALSE	FALSE	FALSE	FALSE
P04899	P63096	0.2456		HOM	TRUE	FALSE	FALSE	TRUE
O60256	P60891	0.2461	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P06396	P40121	0.2468			FALSE	TRUE	FALSE	FALSE
O95757	P34932	0.2474	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O75521	P30084	0.2476	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O94804	Q9Y6E 0	0.248	HOM		TRUE	FALSE	FALSE	FALSE
Q00577	Q96QR 8	0.248	HET	HET	FALSE	FALSE	FALSE	TRUE
P07942	P55268	0.2482			FALSE	TRUE	FALSE	FALSE
Q13642	Q14192	0.2484			FALSE	TRUE	FALSE	TRUE
P15170	Q8IYD 1	0.2494	HET		FALSE	FALSE	FALSE	TRUE
Q13595	Q96E3 9	0.25			FALSE	TRUE	FALSE	FALSE
O15479	P43355	0.2501			FALSE	TRUE	FALSE	FALSE
Q56VL 3	Q9NX4 0	0.251			FALSE	TRUE	FALSE	FALSE

Table S4 Human

O60732	P43357	0.2517			FALSE	TRUE	FALSE	FALSE
Q01995	Q15417	0.2519			FALSE	TRUE	FALSE	FALSE
P27348	P31947	0.253	HOM		TRUE	FALSE	FALSE	TRUE
Q9BYJ9	Q9Y5A9	0.2544			FALSE	TRUE	FALSE	FALSE
P05121	P50454	0.2546	HOM		TRUE	FALSE	FALSE	FALSE
P14317	Q9UJU6	0.2547			FALSE	TRUE	FALSE	FALSE
P08727	P19012	0.2573			FALSE	TRUE	FALSE	TRUE
P26885	Q9NWM8	0.2581			FALSE	TRUE	FALSE	FALSE
P36404	P84085	0.2594	HET		FALSE	FALSE	FALSE	FALSE
Q86YP4	Q8WXI9	0.2594	HET		FALSE	FALSE	FALSE	TRUE
P61964	Q9NVX2	0.2608			FALSE	TRUE	FALSE	TRUE
Q14011	Q96E39	0.2611			FALSE	TRUE	FALSE	FALSE
Q13425	Q9NUP9	0.2623	HOM		TRUE	FALSE	FALSE	FALSE
Q05086	Q5T447	0.2634	HOM		TRUE	FALSE	FALSE	FALSE
P48059	P49023	0.2639	HET		FALSE	FALSE	FALSE	TRUE
P07196	Q03252	0.265			FALSE	TRUE	FALSE	FALSE
O94826	Q15785	0.2651	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q96CW1	Q9BXS5	0.2657	HET	HET	FALSE	FALSE	FALSE	FALSE
P07237	Q8IXB1	0.2659	HOM		TRUE	FALSE	FALSE	FALSE
P51665	Q7L5N1	0.2669	HOM		TRUE	FALSE	FALSE	FALSE
P29558	Q15717	0.267		HOM	TRUE	FALSE	FALSE	FALSE
P20290	Q96K17	0.2673	HET		FALSE	FALSE	FALSE	TRUE
P04899	P08754	0.2674		HET	FALSE	FALSE	FALSE	TRUE
P43034	Q9NVX2	0.2675	HOM		TRUE	FALSE	FALSE	FALSE
P00390	Q16881	0.2702	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q13642	Q9NR12	0.2706			FALSE	TRUE	FALSE	FALSE

Table S4 Human

Q15185	Q9BTE 6	0.2708			FALSE	TRUE	FALSE		FALSE
Q13595	Q14011	0.271			FALSE	TRUE	FALSE		FALSE
O43852	Q14257	0.2719			FALSE	TRUE	FALSE		FALSE
P36873	P62136	0.2723		HOM	TRUE	FALSE	FALSE		TRUE
O60488	O95573	0.2725			FALSE	TRUE	FALSE		TRUE
P20700	Q03252	0.2732			FALSE	TRUE	FALSE		TRUE
O00425	Q9Y6 M1	0.2734	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P48729	Q99986	0.2735			FALSE	TRUE	FALSE		FALSE
P67809	Q9Y2T 7	0.2746	HOM		TRUE	FALSE	FALSE		FALSE
P62995	Q14011	0.2764			FALSE	TRUE	TRUE	351 Human	Spliceosome
P56182	Q14684	0.2774			FALSE	TRUE	FALSE		FALSE
Q13310	Q9UH X1	0.2795		HOM	TRUE	FALSE	FALSE		TRUE
P07951	P09493	0.2811			FALSE	TRUE	FALSE		TRUE
P02461	P05997	0.2833			FALSE	TRUE	FALSE		FALSE
P04271	P23297	0.2844	HOM	HET	TRUE	FALSE	FALSE		TRUE
Q96RQ 1	Q9Y28 2	0.2844			FALSE	TRUE	FALSE		TRUE
P31942	P31943	0.2845			FALSE	TRUE	FALSE		TRUE
O00425	Q9NZI 8	0.2846	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P21796	Q9Y27 7	0.2861			FALSE	TRUE	FALSE		TRUE
O43175	P56545	0.2868	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P30838	P51648	0.2871			FALSE	TRUE	FALSE		TRUE
Q07866	Q9H0B 6	0.2885		HOM	TRUE	FALSE	FALSE		TRUE
P26038	P35241	0.2893			FALSE	TRUE	FALSE		FALSE
P69892	P69905	0.291		HOM	TRUE	FALSE	FALSE		FALSE
P49023	Q14192	0.2919			FALSE	TRUE	FALSE		FALSE
O60732	P43355	0.2931			FALSE	TRUE	FALSE		FALSE

Table S4 Human

Q8NB N7	Q8TC1 2	0.2932			FALSE	TRUE	FALSE		FALSE
O15511	Q9BPX 5	0.2938			FALSE	TRUE	FALSE		TRUE
P37802	Q15417	0.2941			FALSE	TRUE	FALSE		FALSE
P31942	Q8IXT 5	0.2964			FALSE	TRUE	FALSE		FALSE
Q14108	Q8WT V0	0.2964			FALSE	TRUE	FALSE		FALSE
P60953	P63000	0.2969	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P21333	Q14315	0.2972	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P38159	Q13595	0.2977			FALSE	TRUE	FALSE		FALSE
P27348	Q04917	0.2978			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1
P62942	Q00688	0.2982	HOM		TRUE	FALSE	FALSE		FALSE
Q00013	Q9NZ W5	0.3003	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P31946	Q04917	0.3009			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1
P11047	P55268	0.3009			FALSE	TRUE	TRUE	2319 Human	ITGA6-ITGB4- Laminin10/12 complex
O43294	Q9NR1 2	0.3014			FALSE	TRUE	FALSE		FALSE
Q9H22 3	Q9H4 M9	0.3018	HET	HET	FALSE	FALSE	FALSE		TRUE
P42574	Q14790	0.3026	HOM	HET	TRUE	FALSE	FALSE		TRUE
P08648	P26006	0.3031			FALSE	TRUE	FALSE		FALSE
P05787	P08729	0.3039			FALSE	TRUE	FALSE		FALSE
P05166	Q9HC C0	0.3041			FALSE	TRUE	FALSE		FALSE
P06703	P25815	0.3047	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P30740	P35237	0.305			FALSE	TRUE	FALSE		FALSE
P63244	Q2TAY 7	0.3051	HOM		TRUE	FALSE	FALSE		FALSE
P55209	Q99733	0.3055	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P06732	P12532	0.3056		HOM	TRUE	FALSE	FALSE		FALSE
P25815	P31949	0.3072	HOM		TRUE	FALSE	FALSE		FALSE

Table S4 Human

P31943	P52597	0.3091			FALSE	TRUE	TRUE	1181,5 142	Human,M ouse	C complex spliceosome,DCS complex	TRUE
P04632	P30626	0.3095	HET		FALSE	FALSE	FALSE				FALSE
P39023	Q92901	0.3095			FALSE	TRUE	FALSE				FALSE
P24534	P29692	0.3101	HET	HET	FALSE	FALSE	FALSE				TRUE
P05023	P16615	0.3125			FALSE	TRUE	FALSE				FALSE
O43294	Q14192	0.3133			FALSE	TRUE	FALSE				FALSE
P05997	P20908	0.3134			FALSE	TRUE	FALSE				FALSE
Q12959	Q9UD Y2	0.3143	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P62942	Q02790	0.3144	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P02461	P08123	0.3146			FALSE	TRUE	FALSE				FALSE
P54577	Q12904	0.3147	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P50895	Q13740	0.3153			FALSE	TRUE	FALSE				FALSE
P62873	P62879	0.3159	HET		FALSE	FALSE	FALSE				FALSE
O60716	Q9Y44 6	0.3159			FALSE	TRUE	FALSE				FALSE
P05556	P18084	0.3162	HOM		TRUE	FALSE	FALSE				FALSE
P31946	P63104	0.3165			FALSE	TRUE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
P06703	P26447	0.3166	HOM		TRUE	FALSE	FALSE				TRUE
O00139	Q99661	0.3169			FALSE	TRUE	FALSE				TRUE
P51148	Q9UL2 5	0.3171		HET	FALSE	FALSE	FALSE				FALSE
P57729	Q13637	0.3185			FALSE	TRUE	FALSE				TRUE
P08670	Q16352	0.3202	HOM		TRUE	FALSE	FALSE				TRUE
P06756	P26006	0.3207	HET		FALSE	FALSE	FALSE				FALSE
P07355	P12429	0.3209	HOM		TRUE	FALSE	FALSE				FALSE
O43488	Q13303	0.322		HET	FALSE	FALSE	FALSE				FALSE
Q08170	Q13247	0.3224	HOM	HOM	TRUE	FALSE	TRUE	351,25 89	Human	Spliceosome,PGC-1- SRp40-SRp55-SRp75 complex	TRUE

Table S4 Human

P18754	Q9P25 8	0.3231	HOM		TRUE	FALSE	FALSE		FALSE		
P13667	Q15084	0.3235			FALSE	TRUE	FALSE		FALSE		
P07858	P53634	0.3244	HET	HET	FALSE	FALSE	FALSE		FALSE		
Q15286	Q9NP7 2	0.3245	HET	HET	FALSE	FALSE	FALSE		FALSE		
Q13619	Q93034	0.3246	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE		TRUE		
P52565	P52566	0.3261	HET	HET	FALSE	FALSE	FALSE		FALSE		
O00469	O60568	0.327			FALSE	TRUE	FALSE		FALSE		
O43852	Q96D1 5	0.327			FALSE	TRUE	FALSE		FALSE		
P12429	P20073	0.3287			FALSE	TRUE	FALSE		FALSE		
Q96TA 1	Q9BZQ 8	0.3289			FALSE	TRUE	FALSE		FALSE		
P61019	P61106	0.3289	HET	HET	FALSE	FALSE	FALSE		FALSE		
P17844	Q9NR3 0	0.3291		HOM	TRUE	FALSE	FALSE		FALSE		
Q13885	Q9BV A1	0.3294	HET	HET	FALSE	FALSE	FALSE		FALSE		
P63096	Q14344	0.3296	HOM		TRUE	FALSE	FALSE		TRUE		
P06753	P09493	0.3308			FALSE	TRUE	FALSE		TRUE		
P45880	Q9Y27 7	0.331			FALSE	TRUE	FALSE		TRUE		
P31946	P62258	0.3311		HOM	TRUE	FALSE	TRUE	5199,5 613	Human	Kinase maturation complex 1,Emerin complex 25	TRUE
P02749	P08174	0.3314	HET	HOM	TRUE	FALSE	FALSE				FALSE
P41091	Q2VIR 3	0.3321	HET	HET	FALSE	FALSE	FALSE				FALSE
P20073	P50995	0.3354			FALSE	TRUE	FALSE				FALSE
P30876	Q9NW 08	0.3358			FALSE	TRUE	FALSE				FALSE
P09455	P29373	0.3359		HOM	TRUE	FALSE	FALSE				FALSE
P11233	P62070	0.336			FALSE	TRUE	FALSE				FALSE
P08754	Q14344	0.3383	HET		FALSE	FALSE	FALSE				FALSE
O43294	Q96HC 4	0.3388			FALSE	TRUE	FALSE				FALSE

Table S4 Human

O14556	P04406	0.3394	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P16989	Q9Y2T7	0.3394			FALSE	TRUE	FALSE	FALSE
P61026	Q6IQ22	0.3408	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9H223	Q9NZN4	0.341	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
P50579	Q9UQ80	0.3413			FALSE	TRUE	FALSE	FALSE
P08237	Q01813	0.3414	HET	HET	FALSE	FALSE	FALSE	TRUE
P68366	Q9BQE3	0.3416	HET	HET	FALSE	FALSE	FALSE	TRUE
Q8WV V9	Q9UK A9	0.3425			FALSE	TRUE	FALSE	FALSE
P04083	P07355	0.3428		HOM	TRUE	FALSE	FALSE	FALSE
O14936	Q9UD Y2	0.343	HET, HOM	HOM	TRUE	FALSE	FALSE	FALSE
P26447	P31949	0.3435			FALSE	TRUE	FALSE	FALSE
P43358	Q9UNF1	0.3438			FALSE	TRUE	FALSE	FALSE
P61020	Q9UL25	0.3443	HOM	HET	TRUE	FALSE	FALSE	FALSE
P31942	Q12849	0.3449			FALSE	TRUE	FALSE	FALSE
O00159	O43795	0.3457	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P62995	P98179	0.3464			FALSE	TRUE	FALSE	FALSE
P42677	Q71U M5	0.347			FALSE	TRUE	FALSE	TRUE
O75368	Q9H299	0.3472		HOM	TRUE	FALSE	FALSE	FALSE
P40967	Q14956	0.3475	HET		FALSE	FALSE	FALSE	FALSE
P31483	Q14498	0.3489			FALSE	TRUE	FALSE	FALSE
P42330	P52895	0.3491		HOM	TRUE	FALSE	FALSE	TRUE
P34932	Q92598	0.3492	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P63261	Q562R1	0.3506			FALSE	TRUE	FALSE	TRUE
O95747	Q13177	0.3506	HOM		TRUE	FALSE	FALSE	FALSE
O75367	P16104	0.3515	HOM	HET	TRUE	FALSE	FALSE	TRUE

Table S4 Human

Q9NZJ7	Q9Y6C9	0.3518			FALSE	TRUE	FALSE			FALSE	
P09960	Q9H4A4	0.3523			FALSE	TRUE	FALSE			FALSE	
P62942	Q13451	0.3527	HOM	HET	TRUE	FALSE	FALSE			FALSE	
Q9NR5	Q9UH9D9	0.3527	HET	HET	FALSE	FALSE	FALSE			TRUE	
P08754	P50148	0.3531	HET		FALSE	FALSE	FALSE			FALSE	
O15230	P11047	0.3534			FALSE	TRUE	TRUE	2318,2319	Human	ITGA6-ITGB4-Laminin10/12 complex	TRUE
P29992	P50148	0.3543			FALSE	TRUE	TRUE	117	Human	GPR56-CD81-Galpa-Gbeta complex	FALSE
P23528	Q9Y281	0.3547			FALSE	TRUE	FALSE				TRUE
P14923	P35222	0.356		HET,HOM	FALSE,TRUE	FALSE	TRUE	5177	Human	Polycystin-1 multiprotein complex	TRUE
P06737	P11216	0.3561	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P20339	P51148	0.3566	HOM		TRUE	FALSE	FALSE				TRUE
P12109	P12110	0.3574			FALSE	TRUE	FALSE				FALSE
P04264	P13647	0.3575	HET		FALSE	FALSE	FALSE				TRUE
O14618	P00441	0.3576	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P07384	P17655	0.3588	HET	HOM	TRUE	FALSE	FALSE				TRUE
P09493	P67936	0.359			FALSE	TRUE	FALSE				TRUE
P09758	P16422	0.3596			FALSE	TRUE	FALSE				FALSE
P35579	P35749	0.3599			FALSE	TRUE	FALSE				FALSE
Q16630	Q8N684	0.3599	HET	HET	FALSE	FALSE	TRUE	1141	Human	CF IIAm complex	TRUE
O75369	P21333	0.3609		HOM	TRUE	FALSE	FALSE				TRUE
Q15084	Q8NBS9	0.3624			FALSE	TRUE	FALSE				FALSE
P06737	P11217	0.3624	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P51148	P61020	0.3627		HOM	TRUE	FALSE	FALSE				FALSE
P04899	P29992	0.363			FALSE	TRUE	FALSE				FALSE

Table S4 Human

O60749	Q13596	0.3639	HOM	HOM	TRUE	FALSE	TRUE	657,10 60,107 0,1091, 1093,1 095,10 96,110 4	Human	Retromer complex,SNX complex	TRUE
Q01082	Q13813	0.3641	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P31943	P55795	0.3658			FALSE	TRUE	FALSE				TRUE
P12429	P50995	0.3684			FALSE	TRUE	FALSE				TRUE
Q9NYF8	Q9Y2W1	0.3687			FALSE	TRUE	FALSE				TRUE
P16401	P16403	0.3695			FALSE	TRUE	FALSE				FALSE
P30626	Q9UBV8	0.3703		HET	FALSE	FALSE	FALSE				FALSE
Q86XP3	Q9NR30	0.3705		HOM	TRUE	FALSE	FALSE				FALSE
Q01995	Q99439	0.3709			FALSE	TRUE	FALSE				FALSE
P13667	Q8NBS9	0.3717			FALSE	TRUE	FALSE				FALSE
Q12906	Q96KR1	0.3717	HET		FALSE	FALSE	FALSE				FALSE
O00469	Q8NBJ5	0.372			FALSE	TRUE	FALSE				TRUE
Q14151	Q15424	0.3722		HOM	TRUE	FALSE	FALSE				TRUE
Q92643	Q99538	0.373			FALSE	TRUE	FALSE				FALSE
O75369	Q14315	0.3747		HOM	TRUE	FALSE	FALSE				TRUE
Q14141	Q9NV A2	0.3747	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P63167	Q96FJ2	0.375	HOM	HOM	TRUE	FALSE	TRUE	6236	Human	Dynein-2 complex, cytoplasmic	TRUE
Q08170	Q13243	0.3752	HOM	HOM	TRUE	FALSE	TRUE	351,25 89	Human	Spliceosome,PGC-1- SRp40-SRp55-SRp75 complex	FALSE
P22307	P51659	0.3767	HET	HOM	TRUE	FALSE	FALSE				TRUE
P06732	P12277	0.3789			FALSE	TRUE	FALSE				TRUE
Q6NZI2	Q969G5	0.3797			FALSE	TRUE	FALSE				FALSE
Q96DB5	Q96TC7	0.3802			FALSE	TRUE	FALSE				FALSE
Q13188	Q9Y6E0	0.3812			FALSE	TRUE	FALSE				FALSE

Table S4 Human

P54725	P54727	0.3818	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE					TRUE
P56545	Q13363	0.3831	HOM	HET	TRUE	FALSE	TRUE	642,29 21	Human	CtBP complex,SHARP- CtBP complex		TRUE
O00303	Q7L5N 1	0.3836			FALSE	TRUE	FALSE					FALSE
P43355	Q96M G7	0.3837		HET	FALSE	FALSE	FALSE					FALSE
P25325	Q16762	0.3839			FALSE	TRUE	FALSE					FALSE
Q96AY 3	Q9Y68 0	0.3841			FALSE	TRUE	FALSE					FALSE
P29992	P63096	0.3859		HOM	TRUE	FALSE	FALSE					FALSE
O60716	Q99959	0.3883			FALSE	TRUE	FALSE					FALSE
P48594	P50453	0.3883			FALSE	TRUE	FALSE					FALSE
P18085	Q9NVJ 2	0.3884			FALSE	TRUE	FALSE					FALSE
P62995	Q96E3 9	0.389			FALSE	TRUE	FALSE					FALSE
P13995	Q6UB3 5	0.3896			FALSE	TRUE	FALSE					FALSE
O14936	Q12959	0.3909	HET,H OM	HOM	TRUE	FALSE	TRUE	3207	Human	LIN2-LIN7-SAP97- MINT1 complex		TRUE
Q96HC 4	Q9NR1 2	0.3909			FALSE	TRUE	FALSE					TRUE
P01892	P17693	0.3916	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE					TRUE
P49257	Q12907	0.3939	HOM		TRUE	FALSE	FALSE					FALSE
O43447	P23284	0.3964	HET		FALSE	FALSE	FALSE					FALSE
P50148	P63096	0.3969		HOM	TRUE	FALSE	FALSE					FALSE
Q93008	Q93009	0.3983		HET	FALSE	FALSE	FALSE					FALSE
P10253	Q14697	0.3983			FALSE	TRUE	FALSE					FALSE
P12111	Q02388	0.4004			FALSE	TRUE	FALSE					FALSE
Q13443	Q9UKF 2	0.4009			FALSE	TRUE	FALSE					FALSE
Q8IYD 1	Q9Y45 0	0.403			FALSE	TRUE	FALSE					FALSE
Q9C0C 9	Q9H83 2	0.4031			FALSE	TRUE	FALSE					FALSE

Table S4 Human

Q9P28 9	Q9Y6E 0	0.4075			FALSE	TRUE	FALSE		TRUE
P25815	P26447	0.4088	HOM		TRUE	FALSE	FALSE		FALSE
P08729	Q5XKE 5	0.409			FALSE	TRUE	FALSE		FALSE
P08729	Q7Z79 4	0.4091			FALSE	TRUE	FALSE		FALSE
Q12905	Q96KR 1	0.4092	HET		FALSE	FALSE	FALSE		TRUE
P05023	P98194	0.4101			FALSE	TRUE	FALSE		FALSE
O60711	P48059	0.4115		HET	FALSE	FALSE	FALSE		TRUE
Q9UBF 2	Q9Y67 8	0.4115			FALSE	TRUE	FALSE		TRUE
Q07157	Q9UD Y2	0.4118	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P57723	Q15366	0.4125		HOM	TRUE	FALSE	FALSE		FALSE
P10412	P16401	0.413			FALSE	TRUE	FALSE		FALSE
P62873	Q9HA V0	0.4133	HET		FALSE	FALSE	FALSE		FALSE
P42224	P42226	0.4144	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q13885	Q9BUF 5	0.4144	HET	HET	FALSE	FALSE	FALSE		FALSE
P35611	Q9UEY 8	0.415			FALSE	TRUE	FALSE		TRUE
O43252	O95340	0.4155	HOM		TRUE	FALSE	FALSE		TRUE
Q15785	Q99614	0.4185	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q15286	Q9H0U 4	0.4217	HET	HET	FALSE	FALSE	FALSE		FALSE
O00303	P51665	0.4225		HOM	TRUE	FALSE	FALSE		FALSE
Q8NE7 1	Q9NU Q8	0.4239			FALSE	TRUE	FALSE		FALSE
P00338	P07195	0.4265			FALSE	TRUE	FALSE		TRUE
P08174	P15529	0.4271	HOM		TRUE	FALSE	FALSE		FALSE
Q92947	Q9H84 5	0.4275	HOM		TRUE	FALSE	FALSE		FALSE
P98179	Q13595	0.4278			FALSE	TRUE	FALSE		FALSE
Q92888	Q92974	0.4281			FALSE	TRUE	TRUE	6671 Human	PI4K2A-WASH complex
Q08752	Q13427	0.4282	HOM		TRUE	FALSE	FALSE		FALSE

Table S4 Human

P30084	Q13011	0.4283	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q14192	Q96HC 4	0.4302			FALSE	TRUE	FALSE			FALSE
Q9H4A 3	Q9UH Y1	0.4305			FALSE	TRUE	FALSE			FALSE
P45973	Q13185	0.4323	HOM	HOM	TRUE	FALSE	FALSE			TRUE
O43823	Q5BKZ 1	0.4361			FALSE	TRUE	FALSE			FALSE
P06493	Q00534	0.4366		HOM	TRUE	FALSE	FALSE			FALSE
Q00839	Q92499	0.4382			FALSE	TRUE	TRUE	1332 Human	Large Drosha complex	TRUE
P43358	P43363	0.4387			FALSE	TRUE	FALSE			TRUE
P23588	Q15056	0.4397			FALSE	TRUE	FALSE			FALSE
O95302	Q9NW M8	0.4408			FALSE	TRUE	FALSE			FALSE
P17844	Q86XP 3	0.4408			FALSE	TRUE	FALSE			FALSE
Q15365	Q15366	0.4419		HOM	TRUE	FALSE	FALSE			TRUE
P29992	Q14344	0.4466			FALSE	TRUE	FALSE			FALSE
O15347	P09429	0.4494			FALSE	TRUE	FALSE			FALSE
P06703	P31949	0.45	HOM		TRUE	FALSE	FALSE			FALSE
Q13509	Q9BUF 5	0.4516	HET	HET	FALSE	FALSE	FALSE			FALSE
Q08170	Q13242	0.457	HOM	HOM	TRUE	FALSE	TRUE	351 Human	Spliceosome	FALSE
P11279	P13473	0.4576		HOM	TRUE	FALSE	FALSE			FALSE
Q99614	Q9H3U 1	0.4586	HOM	HOM	TRUE	FALSE	FALSE			FALSE
O15347	P26583	0.459			FALSE	TRUE	FALSE			FALSE
Q15942	Q93052	0.46			FALSE	TRUE	FALSE			FALSE
Q15417	Q99439	0.4659			FALSE	TRUE	FALSE			TRUE
O94804	Q9P28 9	0.4664	HOM		TRUE	FALSE	FALSE			FALSE
Q13509	Q13885	0.4673	HET	HET	FALSE	FALSE	FALSE			TRUE
P07237	Q8NBS 9	0.4689	HOM		TRUE	FALSE	FALSE			FALSE
P39687	Q92688	0.4692			FALSE	TRUE	FALSE			TRUE

Table S4 Human

P62995	Q13595	0.4714			FALSE	TRUE	FALSE				TRUE
P07942	P11047	0.4722			FALSE	TRUE	TRUE	2318	Human	ITGA6-ITGB4-Laminin10/12 complex	TRUE
O00469	Q02809	0.4725			FALSE	TRUE	FALSE				TRUE
O43707	P12814	0.4803			FALSE	TRUE	FALSE				TRUE
P13645	P35527	0.4812	HET		FALSE	FALSE	FALSE				FALSE
P07237	P30101	0.4845	HOM	HET	TRUE	FALSE	FALSE				TRUE
P31949	P60903	0.4852			FALSE	TRUE	FALSE				FALSE
P16219	P49748	0.4853	HOM	HOM	TRUE	FALSE	FALSE				FALSE
O43852	Q15293	0.4857			FALSE	TRUE	FALSE				FALSE
Q13619	Q13620	0.4909	HOM, HET	HET	TRUE, FALSE	FALSE	TRUE	1162	Human	Ubiquitin E3 ligase	TRUE
P68431	P84243	0.494	HET	HET	FALSE	FALSE	FALSE				FALSE
O43172	Q9UM S4	0.494	HET	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P16615	P98194	0.4947			FALSE	TRUE	FALSE				FALSE
Q8N1G 4	Q9NSD 9	0.4951		HOM	TRUE	FALSE	FALSE				FALSE
Q96IJ6	Q9Y5P 6	0.4953			FALSE	TRUE	FALSE				TRUE
O14979	Q96EP 5	0.4966			FALSE	TRUE	FALSE				FALSE
P35637	Q01844	0.4997			FALSE	TRUE	TRUE	1332	Human	Large Drosha complex	TRUE
Q92688	Q9BTT 0	0.5003			FALSE	TRUE	FALSE				FALSE
P39687	Q9BTT 0	0.5053			FALSE	TRUE	FALSE				TRUE
Q15785	Q9H3U 1	0.5068	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P32119	Q06830	0.5069	HOM	HOM	TRUE	FALSE	FALSE				TRUE
Q14192	Q9NR1 2	0.5102			FALSE	TRUE	FALSE				FALSE
P57721	Q15366	0.5103		HOM	TRUE	FALSE	FALSE				FALSE
P68402	Q15102	0.5137	HOM		TRUE	FALSE	FALSE				TRUE
P22695	Q10713	0.5142	HET	HET	FALSE	FALSE	FALSE				FALSE

Table S4 Human

P15924	P58107	0.5175	HOM	HET	TRUE	FALSE	FALSE	FALSE
Q32P28	Q92791	0.518			FALSE	TRUE	FALSE	FALSE
Q99959	Q9Y446	0.5191			FALSE	TRUE	FALSE	FALSE
P98179	Q14011	0.5217			FALSE	TRUE	FALSE	FALSE
Q07157	Q12959	0.5225	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P45973	P83916	0.5229	HOM	HOM, HET	TRUE	FALSE	FALSE	TRUE
P08754	P29992	0.5232	HET		FALSE	FALSE	FALSE	FALSE
P51149	P57729	0.5245	HOM		TRUE	FALSE	FALSE	FALSE
P57721	P57723	0.5266			FALSE	TRUE	FALSE	FALSE
P51149	Q13637	0.5267	HOM		TRUE	FALSE	FALSE	FALSE
P27348	P61981	0.5297			FALSE	TRUE	TRUE	5199 Human Kinase maturation complex 1 TRUE
Q15654	Q15942	0.5303			FALSE	TRUE	FALSE	FALSE
P07237	Q15084	0.5397	HOM		TRUE	FALSE	FALSE	TRUE
O75439	P31930	0.5398	HET	HET	FALSE	FALSE	FALSE	FALSE
Q15717	Q9UH X1	0.5405	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O94842	Q08945	0.5448	HOM	HET, HOM	TRUE	FALSE	FALSE	FALSE
O75718	Q92791	0.5451			FALSE	TRUE	FALSE	FALSE
Q9NR31	Q9Y6B6	0.5476	HOM	HOM	TRUE	FALSE	FALSE	TRUE
O95810	Q6NZI2	0.5483			FALSE	TRUE	FALSE	FALSE
P31150	P50395	0.5498	HET	HET	FALSE	FALSE	FALSE	TRUE
O43399	P55327	0.5518	HOM	HOM	TRUE	FALSE	FALSE	TRUE
Q96AY3	Q9NWM8	0.5533			FALSE	TRUE	FALSE	FALSE
P14866	Q9UKA9	0.5546			FALSE	TRUE	FALSE	TRUE
P57721	Q15365	0.5553			FALSE	TRUE	FALSE	TRUE
Q13263	Q9UPN9	0.5553	HOM	HET	TRUE	FALSE	FALSE	FALSE
O60220	Q9Y5J9	0.5562	HET	HET	FALSE	FALSE	FALSE	FALSE

Table S4 Human

P37802	Q99439	0.5609			FALSE	TRUE	FALSE			FALSE	
O00148	Q13838	0.5621		HOM	TRUE	FALSE	FALSE			TRUE	
Q15019	Q9UH03	0.564	HOM	HET	TRUE	FALSE	FALSE			FALSE	
P62328	P63313	0.5664			FALSE	TRUE	FALSE			FALSE	
O60684	P52292	0.5665	HOM	HET,HOM	TRUE	FALSE	FALSE			TRUE	
P05141	P12236	0.5674			FALSE	TRUE	FALSE			FALSE	
P17844	Q92841	0.5773			FALSE	TRUE	TRUE	351,13 32,308 2	Human	Spliceosome, Large Droscha complex, DGCR8 multiprotein complex	TRUE
Q1KM D3	Q92499	0.5791			FALSE	TRUE	FALSE			FALSE	
Q14257	Q15293	0.5802			FALSE	TRUE	FALSE			FALSE	
O14979	Q14103	0.5825			FALSE	TRUE	FALSE			TRUE	
Q13148	Q14103	0.5833			FALSE	TRUE	FALSE			TRUE	
P02545	Q16352	0.5841	HOM		TRUE	FALSE	FALSE			FALSE	
Q9H4 M9	Q9NZN4	0.5842	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE			FALSE	
P32322	Q96C36	0.5866	HOM	HOM	TRUE	FALSE	FALSE			TRUE	
P36915	Q9H089	0.5874			FALSE	TRUE	FALSE			FALSE	
O60884	P31689	0.5916	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
O43837	P51553	0.5927	HET,HOM	HET,HOM	FALSE, TRUE	FALSE	FALSE			TRUE	
P57723	Q15365	0.5956			FALSE	TRUE	FALSE			TRUE	
O43684	P78406	0.5975		HET	FALSE	FALSE	FALSE			FALSE	
O95045	Q16831	0.6056	HOM	HOM	TRUE	FALSE	FALSE			FALSE	
P05787	Q7Z794	0.6086			FALSE	TRUE	FALSE			FALSE	
Q00688	Q02790	0.612		HOM	TRUE	FALSE	FALSE			FALSE	
Q96KQ7	Q9H9B1	0.6139	HET	HOM	TRUE	FALSE	TRUE	642,11 94	Human	CtBP complex, E2F-6 complex	TRUE
Q13148	Q96EP5	0.6147			FALSE	TRUE	FALSE			FALSE	

Table S4 Human

P46926	Q8TDQ 7	0.6226	HOM		TRUE	FALSE	FALSE				TRUE
P07237	P13667	0.6232	HOM		TRUE	FALSE	FALSE				TRUE
O60568	Q02809	0.6248			FALSE	TRUE	FALSE				FALSE
P62306	P62312	0.6271	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P78344	Q04637	0.6272	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE				TRUE
P11142	P34931	0.631	HOM		TRUE	FALSE	FALSE				FALSE
P09429	P26583	0.6386			FALSE	TRUE	TRUE	280	Human	HMGB1-HMGB2- HSC70-ERP60- GAPDH complex	TRUE
P26599	Q9UK A9	0.6421			FALSE	TRUE	FALSE				FALSE
A5A3E 0	P0CG3 9	0.6545			FALSE	TRUE	FALSE				FALSE
P83916	Q13185	0.6552	HOM, HET	HOM	TRUE	FALSE	FALSE				TRUE
Q15181	Q9H2U 2	0.6593			FALSE	TRUE	FALSE				FALSE
O95232	Q9Y38 3	0.6715	HOM		TRUE	FALSE	FALSE				TRUE
Q02809	Q8NBJ 5	0.6736			FALSE	TRUE	FALSE				TRUE
P05787	Q5XKE 5	0.6746			FALSE	TRUE	FALSE				FALSE
O95302	Q96AY 3	0.6777			FALSE	TRUE	FALSE				FALSE
P35579	Q7Z40 6	0.6782			FALSE	TRUE	FALSE				TRUE
Q13242	Q13243	0.6847	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	FALSE
Q13243	Q13247	0.6878	HOM	HOM	TRUE	FALSE	TRUE	351,25 89	Human	Spliceosome,PGC-1- SRp40-SRp55-SRp75 complex	TRUE
P02545	P08670	0.689	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P51991	Q13151	0.6904			FALSE	TRUE	FALSE				FALSE
Q14103	Q96EP 5	0.6944			FALSE	TRUE	FALSE				FALSE
P07900	P14625	0.699	HOM	HOM	TRUE	FALSE	FALSE				FALSE
O14979	Q13148	0.7022			FALSE	TRUE	TRUE	1332	Human	Large Drosha complex	TRUE
Q9UH0 3	Q9UH D8	0.7033	HET	HET	FALSE	FALSE	FALSE				FALSE

Table S4 Human

Q75431	Q13505	0.7066			FALSE	TRUE	TRUE	6249	Human	MIB complex	FALSE
Q96PK6	Q9BW F3	0.7084			FALSE	TRUE	FALSE				FALSE
P04350	P68371	0.7142	HET	HET	FALSE	FALSE	FALSE				FALSE
O60568	Q8NBJ5	0.7261			FALSE	TRUE	FALSE				TRUE
P17844	Q7L014	0.7278			FALSE	TRUE	TRUE	351	Human	Spliceosome	FALSE
Q00839	Q1KMD3	0.7344			FALSE	TRUE	FALSE				FALSE
Q7L014	Q92841	0.7404			FALSE	TRUE	TRUE	351	Human	Spliceosome	FALSE
O43143	O60231	0.7442			FALSE	TRUE	TRUE	351	Human	Spliceosome	FALSE
Q15019	Q9UHD8	0.7504	HOM	HET	TRUE	FALSE	TRUE	1345	Human	Septin complex	FALSE
O15460	P13674	0.7561		HOM	TRUE	FALSE	FALSE				FALSE
P07437	P68371	0.7592	HET	HET	FALSE	FALSE	FALSE				TRUE
Q5RK V6	Q9NPD3	0.7735	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	789	Human	Exosome	TRUE
P15531	P22392	0.7833	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P14866	P26599	0.7876			FALSE	TRUE	FALSE				TRUE
Q5XKE5	Q7Z794	0.7879			FALSE	TRUE	FALSE				FALSE
P42025	P61163	0.7929			FALSE	TRUE	FALSE				TRUE
Q7Z5L9	Q9H1B7	0.7936			FALSE	TRUE	TRUE	6848	Human	IRF2BP2-IRF2BP1-IRF2BPL complex	TRUE
Q13242	Q13247	0.8076	HOM	HOM	TRUE	FALSE	TRUE	351	Human	Spliceosome	TRUE
P08754	P63096	0.8099	HET	HOM	TRUE	FALSE	FALSE				TRUE
P14174	P30046	0.8124	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P04439	P17693	0.8201		HOM, HET	TRUE, FALSE	FALSE	FALSE				TRUE
P16989	P67809	0.8205		HOM	TRUE	FALSE	FALSE				FALSE
O75955	Q14254	0.8472			FALSE	TRUE	FALSE				TRUE
P04350	P07437	0.8501	HET	HET	FALSE	FALSE	FALSE				TRUE
O43390	O60506	0.8552			FALSE	TRUE	TRUE	1181	Human	C complex spliceosome	TRUE

Table S4 Human

P30101	Q15084	0.8628	HET		FALSE	FALSE	FALSE			FALSE	
O75718	Q32P2 8	0.8705			FALSE	TRUE	FALSE			TRUE	
P62258	P63104	0.8746	HOM		TRUE	FALSE	TRUE	5199	Human	Kinase maturation complex 1	TRUE
P23246	Q15233	0.8924	HOM	HET	TRUE	FALSE	TRUE	330,335,1148	Human	PSF-p54 complex,p54-PSF-matrin3 complex,snRNP-free U1A complex	TRUE
P26232	P35221	0.9101		HOM	TRUE	FALSE	FALSE				FALSE
P11216	P11217	0.9222	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P10412	P16403	0.9386			FALSE	TRUE	FALSE				FALSE
P25685	Q9UD Y4	0.9449	HOM	HOM	TRUE	FALSE	FALSE				TRUE
P04075	P09972	0.9473			FALSE	TRUE	FALSE				TRUE
Q12905	Q12906	0.9513	HET	HET	FALSE	FALSE	TRUE	1332,3055,5183	Human	Large Drosha complex,Nop56p-associated pre-rRNA complex,DNA-PK-Ku-eIF2-NF90-NF45 complex	TRUE
O15397	O95373	0.986	HET	HET	FALSE	FALSE	FALSE				FALSE
P40227	Q92526	0.9939	HET	HET	FALSE	FALSE	FALSE				TRUE

Table S4 Mouse

Prot_1	Prot_2	Corr	Prot_1_Hom	Prot_2_Hom	Hom	Mon	CORUM	cluster_id	CORUM_organism	CORUM_name	Biogrid
Q8BYM5	Q8VCT4	-0.87	HET		FALSE	FALSE	FALSE				FALSE
P04117	P51880	-0.85	HOM		TRUE	FALSE	FALSE				FALSE
Q8CGY6	Q9CZW5	-0.84	HOM	HOM	TRUE	FALSE	FALSE				FALSE
O70250	Q9DBJ1	-0.83			FALSE	TRUE	FALSE				FALSE
P45376	Q9JII6	-0.8	HOM		TRUE	FALSE	FALSE				FALSE
P35762	Q8R3G9	-0.8	HOM		TRUE	FALSE	FALSE				FALSE
Q9QXY6	Q9Z0R4	-0.8	HET	HET	FALSE	FALSE	FALSE				FALSE
P45377	Q9JII6	-0.79			FALSE	TRUE	FALSE				FALSE
P20029	P63017	-0.76	HOM	HOM	TRUE	FALSE	TRUE	929,272 1	Human	CEN complex, HCF-1 complex	FALSE
Q9EQP2	Q9QXY6	-0.76	HET	HET	FALSE	FALSE	FALSE				FALSE
O09158	Q9WVK8	-0.74			FALSE	TRUE	FALSE				FALSE
Q8BG73	Q9WUZ7	-0.74			FALSE	TRUE	FALSE				FALSE
Q5SQM0	Q7TNG5	-0.73			FALSE	TRUE	FALSE				FALSE
P20060	P29416	-0.72		HOM	TRUE	FALSE	FALSE				FALSE
Q64176	Q8BYM5	-0.72		HET	FALSE	FALSE	FALSE				FALSE
Q8BYM5	Q91WG0	-0.71	HET		FALSE	FALSE	FALSE				FALSE
P23953	Q8BYM5	-0.7		HET	FALSE	FALSE	FALSE				FALSE
P19246	P31001	-0.7			FALSE	TRUE	FALSE				FALSE
Q8CI94	Q9ET01	-0.7	HOM	HOM	TRUE	FALSE	FALSE				FALSE
Q9R0Q6	Q9WV32	-0.69			FALSE	TRUE	FALSE				FALSE
Q64459	Q9WVK8	-0.69			FALSE	TRUE	FALSE				FALSE
Q8BFW7	Q9WV69	-0.68			FALSE	TRUE	FALSE				FALSE
O35215	P34884	-0.68	HOM		TRUE	FALSE	FALSE				FALSE
Q8R429	Q8VDN2	-0.68			FALSE	TRUE	FALSE				FALSE

Table S4 Mouse

Q80TY0	Q8CJ53	-0.68	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P97427	Q9EQF5	-0.67	HET	HOM	TRUE	FALSE	FALSE	FALSE
P57780	Q9JI91	-0.67		HOM	TRUE	FALSE	FALSE	FALSE
A2AJK6	A3KFM7	-0.67	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O09110	P31938	-0.67			FALSE	TRUE	FALSE	FALSE
P10126	P62631	-0.67	HET	HET	FALSE	FALSE	FALSE	FALSE
Q8BLF1	Q99PG0	-0.66			FALSE	TRUE	FALSE	FALSE
P11404	P51880	-0.66			FALSE	TRUE	FALSE	FALSE
Q8BK48	Q8BYM5	-0.65		HET	FALSE	FALSE	FALSE	FALSE
Q3THS6	Q91X83	-0.64			FALSE	TRUE	FALSE	FALSE
O35660	P48774	-0.64			FALSE	TRUE	FALSE	FALSE
P14142	P32037	-0.64			FALSE	TRUE	FALSE	FALSE
Q7TQ48	Q9QXY6	-0.64	HET	HET	FALSE	FALSE	FALSE	FALSE
Q8JZR0	Q99PU5	-0.64			FALSE	TRUE	FALSE	FALSE
P97449	Q8C129	-0.63			FALSE	TRUE	FALSE	FALSE
Q61301	Q64727	-0.63		HET	FALSE	FALSE	FALSE	FALSE
Q8BHD7	Q91Z31	-0.61			FALSE	TRUE	FALSE	FALSE
Q0II04	Q61792	-0.61			FALSE	TRUE	FALSE	FALSE
P17742	Q99KR7	-0.61			FALSE	TRUE	FALSE	FALSE
P53810	P53811	-0.6	HOM		TRUE	FALSE	FALSE	FALSE
Q69ZK9	Q8VCU1	-0.6			FALSE	TRUE	FALSE	FALSE
P46660	P48678	-0.6		HOM	TRUE	FALSE	FALSE	FALSE
Q9QXY6	Q9WVK4	-0.59	HET	HET	FALSE	FALSE	FALSE	FALSE
P04919	Q5DTL9	-0.59	HOM		TRUE	FALSE	FALSE	FALSE
P00920	P23589	-0.59	HOM		TRUE	FALSE	FALSE	FALSE
P18760	P45591	-0.59			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q8R326	Q99K48	-0.58	HET		FALSE	FALSE	FALSE	FALSE
P29351	P35235	-0.58			FALSE	TRUE	FALSE	FALSE
P18654	Q9WUA 6	-0.58			FALSE	TRUE	FALSE	FALSE
Q8R3G9	Q922J6	-0.58			FALSE	TRUE	FALSE	FALSE
P48318	Q9DBE0	-0.58	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8JZS0	Q99L88	-0.58		HOM	TRUE	FALSE	FALSE	FALSE
Q69ZK9	Q91WG0	-0.58			FALSE	TRUE	FALSE	FALSE
Q8BH04	Q9Z2V4	-0.57			FALSE	TRUE	FALSE	FALSE
P56501	Q9CR58	-0.57			FALSE	TRUE	FALSE	FALSE
P97449	Q11011	-0.56			FALSE	TRUE	FALSE	FALSE
Q8CHS7	Q9EQ06	-0.56			FALSE	TRUE	FALSE	FALSE
P10107	P97429	-0.56			FALSE	TRUE	FALSE	FALSE
P09542	Q60605	-0.56			FALSE	TRUE	FALSE	FALSE
P10630	P60843	-0.56		HET	FALSE	FALSE	FALSE	FALSE
Q925N1	Q925N2	-0.56			FALSE	TRUE	FALSE	FALSE
P12242	Q9CR58	-0.55	HOM		TRUE	FALSE	FALSE	FALSE
Q8BH66	Q91YH5	-0.55	HOM		TRUE	FALSE	FALSE	FALSE
P06801	Q8BMF3	-0.55			FALSE	TRUE	FALSE	FALSE
B0V2N1	P06800	-0.54	HOM		TRUE	FALSE	FALSE	FALSE
Q9DBG1	Q9WVK 8	-0.54			FALSE	TRUE	FALSE	FALSE
Q9CRD0	Q9D8W7	-0.53			FALSE	TRUE	FALSE	FALSE
P23953	Q69ZK9	-0.53			FALSE	TRUE	FALSE	FALSE
P15327	Q9DBJ1	-0.53	HOM		TRUE	FALSE	FALSE	FALSE
Q8BGS1	Q9WV92	-0.52			FALSE	TRUE	FALSE	FALSE
Q3UQ84	Q9D0R2	-0.52			FALSE	TRUE	FALSE	FALSE
Q91VK1	Q9CQC6	-0.52			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P37804	Q9DAW 9	-0.52			FALSE	TRUE	FALSE	FALSE
P63005	Q8BG40	-0.52	HOM		TRUE	FALSE	FALSE	FALSE
Q9QWW 1	Q9Z2Y3	-0.51			FALSE	TRUE	FALSE	TRUE
P08103	P25911	-0.51	HOM		TRUE	FALSE	FALSE	FALSE
Q3TTY5	Q6IFZ6	-0.51			FALSE	TRUE	FALSE	FALSE
Q6ZQ38	Q6ZQ73	-0.51	HET		FALSE	FALSE	FALSE	FALSE
P35700	Q61171	-0.5	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P17182	P21550	-0.5	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q64444	Q9WVT6	-0.5	HOM		TRUE	FALSE	FALSE	FALSE
P30999	Q68FH0	-0.5			FALSE	TRUE	FALSE	FALSE
Q8BH64	Q9QXY6	-0.5	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
P70704	Q9QZW0	-0.5			FALSE	TRUE	FALSE	FALSE
P16406	Q11011	-0.49			FALSE	TRUE	FALSE	FALSE
Q8BU33	Q9QXE0	-0.49			FALSE	TRUE	FALSE	FALSE
Q63880	Q69ZK9	-0.49			FALSE	TRUE	FALSE	FALSE
P00920	P16015	-0.49	HOM		TRUE	FALSE	FALSE	FALSE
Q9DAW 9	Q9WVA 4	-0.49			FALSE	TRUE	FALSE	FALSE
O70622	Q8K0T0	-0.49			FALSE	TRUE	FALSE	FALSE
Q9DB41	Q9QXX4	-0.49			FALSE	TRUE	FALSE	FALSE
F8VPU2	P26041	-0.48			FALSE	TRUE	FALSE	FALSE
Q69ZK9	Q8QZR3	-0.48			FALSE	TRUE	FALSE	FALSE
P48962	P51881	-0.48			FALSE	TRUE	FALSE	FALSE
Q64176	Q69ZK9	-0.48			FALSE	TRUE	FALSE	FALSE
P48320	Q9DBE0	-0.48		HOM	TRUE	FALSE	FALSE	FALSE
P70290	Q9WV34	-0.47	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P60764	Q05144	-0.47		HET	FALSE	FALSE	FALSE	FALSE
O55143	Q8R429	-0.47			FALSE	TRUE	FALSE	FALSE
P21836	Q8QZR3	-0.47	HOM		TRUE	FALSE	FALSE	FALSE
P28843	Q9Z218	-0.47	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P21836	Q8VCT4	-0.46	HOM		TRUE	FALSE	FALSE	FALSE
O88952	Q61234	-0.46		HOM	TRUE	FALSE	FALSE	FALSE
P06800	P18052	-0.46			FALSE	TRUE	FALSE	FALSE
P21836	Q8BK48	-0.46	HOM		TRUE	FALSE	FALSE	FALSE
Q8BYM 5	Q8QZR3	-0.46	HET		FALSE	FALSE	FALSE	FALSE
P51881	Q3V132	-0.46			FALSE	TRUE	FALSE	FALSE
Q69ZK9	Q8VCT4	-0.45			FALSE	TRUE	FALSE	FALSE
Q9EPL9	Q9R0H0	-0.45			FALSE	TRUE	FALSE	FALSE
P48410	P55096	-0.45	HOM	HET	TRUE	FALSE	FALSE	TRUE
P70290	Q811D0	-0.45	HOM	HOM	TRUE	FALSE	FALSE	FALSE
A2AKK5	Q9QYR9	-0.45			FALSE	TRUE	FALSE	FALSE
Q8VHQ9	Q91V12	-0.44	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P40237	Q8R3G9	-0.44			FALSE	TRUE	FALSE	FALSE
Q8BSL7	Q9D0J4	-0.44		HET	FALSE	FALSE	FALSE	FALSE
Q64152	Q9CQH7	-0.44	HET		FALSE	FALSE	FALSE	FALSE
O09110	Q63932	-0.44			FALSE	TRUE	FALSE	FALSE
O35381	Q9EST5	-0.44			FALSE	TRUE	FALSE	FALSE
O08528	Q91W97	-0.44			FALSE	TRUE	FALSE	FALSE
Q3TCH7	Q9JLV5	-0.43	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
P97823	Q9WTL7	-0.43			FALSE	TRUE	FALSE	FALSE
Q8BTW9	Q8CIN4	-0.43	HET		FALSE	FALSE	FALSE	FALSE

Table S4 Mouse

P05063	Q91Y97	-0.43			FALSE	TRUE	FALSE	FALSE
O08807	Q61171	-0.42	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q91VM9	Q9D819	-0.42			FALSE	TRUE	FALSE	FALSE
Q9CR62	Q9QZD8	-0.42			FALSE	TRUE	FALSE	FALSE
Q61490	Q9R069	-0.42			FALSE	TRUE	FALSE	FALSE
P31649	P31650	-0.42			FALSE	TRUE	FALSE	FALSE
P13597	Q60625	-0.42	HOM	HET	TRUE	FALSE	FALSE	FALSE
Q9D0R2	Q9JKF7	-0.42			FALSE	TRUE	FALSE	FALSE
P13541	Q61879	-0.42			FALSE	TRUE	FALSE	FALSE
P28650	P46664	-0.42			FALSE	TRUE	FALSE	FALSE
Q8BGA8	Q99NB1	-0.42		HOM	TRUE	FALSE	FALSE	FALSE
P84084	Q9CQW 2	-0.42			FALSE	TRUE	FALSE	FALSE
Q8BG95	Q9DBR7	-0.42			FALSE	TRUE	FALSE	FALSE
O09110	P47809	-0.42			FALSE	TRUE	FALSE	FALSE
Q811D0	Q91XM9	-0.41	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P84078	Q9CQW 2	-0.41			FALSE	TRUE	FALSE	FALSE
O35465	Q62446	-0.41	HET		FALSE	FALSE	FALSE	FALSE
P41216	Q99PU5	-0.41			FALSE	TRUE	FALSE	FALSE
P07310	Q04447	-0.41			FALSE	TRUE	FALSE	FALSE
O08600	Q8C163	-0.41			FALSE	TRUE	FALSE	FALSE
P21836	P23953	-0.41	HOM		TRUE	FALSE	FALSE	FALSE
O54865	P52785	-0.41	HOM		TRUE	FALSE	FALSE	FALSE
P45591	Q9R0P5	-0.41			FALSE	TRUE	FALSE	FALSE
P13020	Q9JJ28	-0.4			FALSE	TRUE	FALSE	FALSE
Q80TH2	Q80U72	-0.4			FALSE	TRUE	FALSE	FALSE
Q91V61	Q99JR1	-0.4			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P05480	Q04736	-0.4	HOM		TRUE	FALSE	FALSE			FALSE
O89104	Q62277	-0.39		HOM	TRUE	FALSE	FALSE			FALSE
Q9D4H8	Q9WTX6	-0.39	HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	2715 Human	Ubiquitin E3 ligase	FALSE
P62482	Q8CG76	-0.39	HET		FALSE	FALSE	FALSE			FALSE
P14142	P17809	-0.39			FALSE	TRUE	FALSE			FALSE
Q8CGY6	Q91Z38	-0.39	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q9QYF9	Q9QYG0	-0.39		HOM	TRUE	FALSE	FALSE			FALSE
P21836	Q63880	-0.39	HOM		TRUE	FALSE	FALSE			FALSE
P62245	Q9JKW0	-0.39			FALSE	TRUE	FALSE			FALSE
Q60714	Q91VE0	-0.39			FALSE	TRUE	FALSE			FALSE
O88990	P57780	-0.39	HOM		TRUE	FALSE	FALSE			FALSE
Q8C7K6	Q9CQF9	-0.39			FALSE	TRUE	FALSE			FALSE
P21836	Q64176	-0.38	HOM		TRUE	FALSE	FALSE			FALSE
P03995	P20152	-0.38			FALSE	TRUE	FALSE			FALSE
P15532	Q01768	-0.38			FALSE	TRUE	FALSE			FALSE
P31324	Q9DBC7	-0.38			FALSE	TRUE	FALSE			FALSE
Q8BFR5	Q9JHW4	-0.38			FALSE	TRUE	FALSE			FALSE
P48036	Q07076	-0.38			FALSE	TRUE	FALSE			FALSE
Q6PE01	Q8BG40	-0.38			FALSE	TRUE	FALSE			FALSE
Q6GV12	Q8VCR2	-0.38			FALSE	TRUE	FALSE			FALSE
Q8BGS7	Q8C025	-0.38			FALSE	TRUE	FALSE			FALSE
P50462	P97315	-0.38			FALSE	TRUE	FALSE			FALSE
P70290	Q62108	-0.38	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q61490	Q8R2Y2	-0.38			FALSE	TRUE	FALSE			FALSE
P26039	Q9JKY5	-0.38	HOM		TRUE	FALSE	FALSE			FALSE

Table S4 Mouse

A2APT9	Q8BNW 9	-0.37			FALSE	TRUE	FALSE	FALSE
Q8VCC2	Q8VCT4	-0.37			FALSE	TRUE	FALSE	FALSE
P10107	P97384	-0.37			FALSE	TRUE	FALSE	FALSE
P16054	P63318	-0.37			FALSE	TRUE	FALSE	FALSE
P46735	Q5SYD0	-0.37	HOM		TRUE	FALSE	FALSE	FALSE
P39447	Q9WV34	-0.37	HOM		TRUE	FALSE	FALSE	FALSE
A2ATU0	Q60597	-0.37			FALSE	TRUE	FALSE	FALSE
O88951	Q99L88	-0.37	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q7TMK9	Q91WT8	-0.36			FALSE	TRUE	FALSE	FALSE
P48722	Q9JKR6	-0.36	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9CYH2	Q9DB60	-0.36			FALSE	TRUE	FALSE	FALSE
O35488	Q60714	-0.36			FALSE	TRUE	FALSE	FALSE
P16546	Q9JI91	-0.36	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9CQW 2	Q9D0J4	-0.36		HET	FALSE	FALSE	FALSE	FALSE
O35955	P70195	-0.36	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q04447	Q6P8J7	-0.36		HOM	TRUE	FALSE	FALSE	FALSE
P05480	P08103	-0.36	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q63880	Q8BYM 5	-0.36		HET	FALSE	FALSE	FALSE	FALSE
P05977	Q60605	-0.35			FALSE	TRUE	FALSE	FALSE
P11679	Q6IFZ6	-0.35			FALSE	TRUE	FALSE	FALSE
P20152	P21619	-0.35			FALSE	TRUE	FALSE	FALSE
P31001	P46660	-0.35			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

													Gatal- Fog1- MeCP1 complex, Mi2/NuR D complex,h NURF complex, SNF2h- cohesin- NuRD complex, NuRD.1 complex, Anti- HDAC2 complex, HDAC1- associated protein complex, HDAC1- associated core complex cII,HDAC 2- associate d core	
Q60972	Q60973	-0.35			FALSE	TRUE	TRUE	2750,61 ,100,28 2,587,6 32,646, 649,650 ,685,69 6,732,7 38,739, 743,886 ,888,88 9,996,1 257,272 1,2851	Mouse,Hu man				FALSE	
O08553	Q9EQF5	-0.35	HOM	HOM	TRUE	FALSE	FALSE						FALSE	
P26040	P26043	-0.35			FALSE	TRUE	FALSE						FALSE	
Q9QZB1	Q9Z2H2	-0.35			FALSE	TRUE	FALSE						FALSE	
P15626	P48774	-0.35			FALSE	TRUE	FALSE						FALSE	
Q91V61	Q925N2	-0.35			FALSE	TRUE	FALSE						FALSE	
Q6GQS1	Q8BMD 8	-0.35			FALSE	TRUE	FALSE						FALSE	
P55258	P62823	-0.34			FALSE	TRUE	FALSE						FALSE	
Q9EQF5	Q9EQF6	-0.34	HOM	HET	TRUE	FALSE	FALSE						TRUE	
P32883	P62071	-0.34			FALSE	TRUE	FALSE						FALSE	
Q8BYM 5	Q8VCU1	-0.34	HET		FALSE	FALSE	FALSE						FALSE	
Q5YD48	Q7TMK9	-0.34			FALSE	TRUE	FALSE						FALSE	
Q80TB8	Q9DCS3	-0.34	HOM	HOM	TRUE	FALSE	FALSE						FALSE	

Table S4 Mouse

Q02248	Q02257	-0.34	HET,HOM		FALSE,TRUE	FALSE	TRUE	5177 Human	Polycystin-1 multiprotein complex	FALSE
Q920P5	Q9R0Y5	-0.34	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q64133	Q8BW75	-0.34	HET	HOM	TRUE	FALSE	FALSE			FALSE
Q6GQS1	Q8C0K5	-0.33			FALSE	TRUE	FALSE			FALSE
Q6GQS1	Q8R0Y8	-0.33			FALSE	TRUE	FALSE			FALSE
P23589	Q64444	-0.33		HOM	TRUE	FALSE	FALSE			FALSE
P31649	Q61327	-0.33			FALSE	TRUE	FALSE			FALSE
P21836	Q8VCU1	-0.33	HOM		TRUE	FALSE	FALSE			FALSE
Q99104	Q9QZZ4	-0.33	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P70349	Q9D0S9	-0.33			FALSE	TRUE	FALSE			FALSE
Q64518	Q8VDN2	-0.32			FALSE	TRUE	FALSE			FALSE
P61202	Q8BG32	-0.32			FALSE	TRUE	FALSE			FALSE
P97742	Q924X2	-0.32	HOM		TRUE	FALSE	FALSE			FALSE
P39447	P70175	-0.32		HOM	TRUE	FALSE	FALSE			FALSE
P60764	P84096	-0.32			FALSE	TRUE	FALSE			FALSE
Q6IFZ6	Q8VED5	-0.32			FALSE	TRUE	FALSE			FALSE
Q6URW6	Q8VDD5	-0.32			FALSE	TRUE	FALSE			FALSE
P49813	Q9JKK7	-0.32			FALSE	TRUE	FALSE			FALSE
P14733	P31001	-0.32			FALSE	TRUE	FALSE			FALSE
P35293	Q9D1G1	-0.32			FALSE	TRUE	FALSE			FALSE
Q9WTP7	Q9WUR9	-0.31			FALSE	TRUE	FALSE			FALSE
Q8BH00	Q9EQ20	-0.31			FALSE	TRUE	FALSE			FALSE
O88792	Q9D8B7	-0.31	HOM		TRUE	FALSE	FALSE			FALSE
Q9DB73	Q9DCN2	-0.31			FALSE	TRUE	FALSE			FALSE

Table S4 Mouse

P97457	Q3THE2	-0.31			FALSE	TRUE	FALSE		FALSE	
P48787	Q9WUZ5	-0.31			FALSE	TRUE	FALSE		FALSE	
P21300	P45377	-0.31			FALSE	TRUE	FALSE		FALSE	
Q3V3R1	Q922D8	-0.31			FALSE	TRUE	FALSE		FALSE	
P19096	Q9D404	-0.31	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
Q8JZR0	Q91WC3	-0.3			FALSE	TRUE	FALSE		FALSE	
O35737	Q9Z2X1	-0.3			FALSE	TRUE	TRUE	5142,11 81 Mouse,Hu man	DCS complex, C complex spliceoso me	FALSE
O89104	Q8BGN8	-0.3			FALSE	TRUE	FALSE		FALSE	
O35488	Q91VE0	-0.3			FALSE	TRUE	FALSE		FALSE	
Q91VW3	Q9WUZ7	-0.3	HOM		TRUE	FALSE	FALSE		FALSE	
Q9D6M3	Q9QXX4	-0.3			FALSE	TRUE	FALSE		FALSE	
Q9JKK7	Q9JLH8	-0.3			FALSE	TRUE	FALSE		FALSE	
P13541	Q9JMH9	-0.3			FALSE	TRUE	FALSE		FALSE	
Q922J3	Q9D1E6	-0.3		HET	FALSE	FALSE	FALSE		FALSE	
Q925N0	Q925N2	-0.3			FALSE	TRUE	FALSE		FALSE	
O08989	P62071	-0.3			FALSE	TRUE	FALSE		FALSE	
P21300	P45376	-0.3		HOM	TRUE	FALSE	FALSE		FALSE	
A2ASZ8	Q6GQS1	-0.29			FALSE	TRUE	FALSE		FALSE	
O88492	P43883	-0.29			FALSE	TRUE	FALSE		FALSE	
P55258	P61027	-0.29			FALSE	TRUE	FALSE		FALSE	
P63001	Q05144	-0.29		HET	FALSE	FALSE	FALSE		FALSE	
Q3UMU 9	Q9JMG7	-0.29			FALSE	TRUE	FALSE		FALSE	
P13634	Q9WVT6	-0.29			FALSE	TRUE	FALSE		FALSE	
P17156	P20029	-0.29		HOM	TRUE	FALSE	FALSE		FALSE	

Table S4 Mouse

O08989	Q9JIW9	-0.29		HET	FALSE	FALSE	FALSE	FALSE
B1AZP2	Q6PFD5	-0.29			FALSE	TRUE	FALSE	FALSE
Q6P9R2	Q8CIN4	-0.29	HOM		TRUE	FALSE	FALSE	FALSE
Q61151	Q6PD03	-0.28	HET	HET	FALSE	FALSE	FALSE	FALSE
Q60902	Q7TQ48	-0.28	HET	HET	FALSE	FALSE	FALSE	FALSE
P21619	P31001	-0.28			FALSE	TRUE	FALSE	FALSE
Q8BK48	Q8VCC2	-0.28			FALSE	TRUE	FALSE	FALSE
Q02566	Q8VDD5	-0.28			FALSE	TRUE	FALSE	FALSE
Q69ZK9	Q8VCC2	-0.28			FALSE	TRUE	FALSE	FALSE
P45376	Q8K023	-0.28	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P61750	Q9CQW 2	-0.28			FALSE	TRUE	FALSE	FALSE
O54916	Q60902	-0.28	HET	HET	FALSE	FALSE	FALSE	FALSE
P61205	Q8BSL7	-0.28			FALSE	TRUE	FALSE	FALSE
Q8BGF9	Q9QXX4	-0.28			FALSE	TRUE	FALSE	FALSE
P05480	P25911	-0.28	HOM		TRUE	FALSE	FALSE	FALSE
Q4LDG0	Q60714	-0.28			FALSE	TRUE	FALSE	FALSE
P21836	Q91WG0	-0.28	HOM		TRUE	FALSE	FALSE	FALSE
P07901	Q9CQN1	-0.27	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O88343	P04919	-0.27		HOM	TRUE	FALSE	FALSE	FALSE
P45377	Q8K023	-0.27		HOM	TRUE	FALSE	FALSE	FALSE
P61750	Q8BSL7	-0.27			FALSE	TRUE	FALSE	FALSE
Q9CR58	Q9CR62	-0.27			FALSE	TRUE	FALSE	FALSE
Q3UV17	Q6IFZ6	-0.27			FALSE	TRUE	FALSE	FALSE
A2AQ07	Q7TMM 9	-0.27	HET	HET	FALSE	FALSE	FALSE	FALSE
Q6GV12	Q8CHS7	-0.27			FALSE	TRUE	FALSE	FALSE
Q9EPL9	Q9QXD1	-0.27			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q8CH18	Q8VDP4	-0.27			FALSE	TRUE	FALSE	FALSE
P14106	Q60994	-0.27	HET	HET,H OM	FALSE ,TRUE	FALSE	FALSE	FALSE
Q4KUS2	Q8K0T7	-0.27	HOM		TRUE	FALSE	FALSE	FALSE
P45376	P70694	-0.26	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8K0T0	Q99P72	-0.26			FALSE	TRUE	FALSE	FALSE
Q91V14	Q9WVL3	-0.26			FALSE	TRUE	FALSE	FALSE
P19157	P48774	-0.26	HOM		TRUE	FALSE	FALSE	FALSE
P97429	Q07076	-0.26			FALSE	TRUE	FALSE	FALSE
Q8BT60	Q9Z140	-0.26			FALSE	TRUE	FALSE	FALSE
P28271	Q99KI0	-0.26			FALSE	TRUE	FALSE	FALSE
P61205	Q9CQW 2	-0.26			FALSE	TRUE	FALSE	FALSE
Q61035	Q99KK9	-0.25			FALSE	TRUE	FALSE	FALSE
Q3UGR5	Q9D7I5	-0.25		HOM	TRUE	FALSE	FALSE	FALSE
Q7SIG6	Q9QWY 8	-0.25		HOM	TRUE	FALSE	FALSE	FALSE
A2AJK6	Q6PDQ2	-0.25	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P48193	Q9WV92	-0.25			FALSE	TRUE	FALSE	FALSE
Q5SYD0	Q9WTI7	-0.25	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q60996	Q6PD03	-0.25	HET	HET	FALSE	FALSE	FALSE	FALSE
P18572	P21995	-0.25	HOM		TRUE	FALSE	FALSE	FALSE
Q11011	Q9EQH2	-0.25		HET	FALSE	FALSE	FALSE	FALSE
B1AZP2	Q9D415	-0.25			FALSE	TRUE	FALSE	TRUE
P17183	P21550	-0.24	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q08857	Q61009	-0.24	HET		FALSE	FALSE	FALSE	FALSE
O35685	Q8R1N4	-0.24			FALSE	TRUE	FALSE	FALSE
O09117	Q62277	-0.24		HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P84084	Q8BSL7	-0.24			FALSE	TRUE	FALSE			FALSE
A2AQ07	Q9CWF2	-0.24	HET		FALSE	FALSE	FALSE			FALSE
P29351	P54830	-0.23			FALSE	TRUE	FALSE			FALSE
P19639	P48774	-0.23			FALSE	TRUE	FALSE			FALSE
P55258	P63011	-0.23			FALSE	TRUE	FALSE			FALSE
P32883	Q9JIW9	-0.23		HET	FALSE	FALSE	FALSE			FALSE
O88990	Q7TPR4	-0.23	HOM		TRUE	FALSE	FALSE			FALSE
P28651	Q64444	-0.23		HOM	TRUE	FALSE	FALSE			FALSE
P12382	P47857	-0.23	HET	HET	FALSE	FALSE	FALSE			FALSE
P97379	P97855	-0.23		HOM	TRUE	FALSE	FALSE			FALSE
Q8JZU0	Q9DCN1	-0.22			FALSE	TRUE	FALSE			FALSE
F8VPU2	P26043	-0.22			FALSE	TRUE	FALSE			FALSE
Q8BG73	Q9JJU8	-0.22			FALSE	TRUE	FALSE			FALSE
P57780	Q7TPR4	-0.22			FALSE	TRUE	FALSE			FALSE
Q8VHE6	Q91XQ0	-0.22			FALSE	TRUE	FALSE			FALSE
P12849	P31324	-0.22			FALSE	TRUE	FALSE			FALSE
O55143	Q6PIE5	-0.22			FALSE	TRUE	FALSE			FALSE
P56371	Q8BHC1	-0.22	HET		FALSE	FALSE	FALSE			FALSE
O09164	Q9WU84	-0.22	HOM	HOM	TRUE	FALSE	FALSE			FALSE
B2RSH2	P21278	-0.21	HOM		TRUE	FALSE	FALSE			FALSE
D3YZU1	Q4ACU6	-0.21			FALSE	TRUE	FALSE			TRUE
Q80W22	Q8BH55	-0.21			FALSE	TRUE	FALSE			FALSE
P16015	Q9WVT6	-0.21			FALSE	TRUE	FALSE			FALSE
Q8R317	Q9QZM0	-0.21	HOM, HET	HET	TRUE, FALSE	FALSE	TRUE	5209 Human	Ubiquilin- proteasom e complex	TRUE
Q9DAW 9	Q9R1Q8	-0.21			FALSE	TRUE	FALSE			FALSE

Table S4 Mouse

Q3THE2	Q9QVP4	-0.21			FALSE	TRUE	FALSE	FALSE
Q80UG2	Q8CJH3	-0.21	HOM		TRUE	FALSE	FALSE	FALSE
Q3URE1	Q8VCW8	-0.21			FALSE	TRUE	FALSE	FALSE
P08551	P48678	-0.21	HOM		TRUE	FALSE	FALSE	FALSE
P35293	P62821	-0.21			FALSE	TRUE	FALSE	FALSE
O70318	Q9WV92	-0.2			FALSE	TRUE	FALSE	FALSE
P23953	Q8VCC2	-0.2			FALSE	TRUE	FALSE	FALSE
B2RXS4	Q80UG2	-0.2	HET		FALSE	FALSE	FALSE	FALSE
Q8BGF9	Q9D6M3	-0.2			FALSE	TRUE	FALSE	FALSE
Q8BH24	Q9ET30	-0.2			FALSE	TRUE	FALSE	FALSE
P62331	Q8BSL7	-0.2	HOM		TRUE	FALSE	FALSE	FALSE
P61164	Q8BFZ3	-0.2			FALSE	TRUE	FALSE	FALSE
Q00PI9	Q8VEK3	-0.2			FALSE	TRUE	FALSE	FALSE
E9Q401	P70227	-0.2			FALSE	TRUE	FALSE	FALSE
O70318	Q8BGS1	-0.2			FALSE	TRUE	FALSE	FALSE
Q62261	Q9JI91	-0.2	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8VCA8	Q9CZC8	-0.19			FALSE	TRUE	FALSE	FALSE
P45377	P70694	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
P47934	P97742	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
Q60598	Q62418	-0.19			FALSE	TRUE	FALSE	FALSE
Q91XQ0	Q9JHU4	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
Q8R3P0	Q91XE4	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
Q8CC35	Q91YE8	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
P04104	P11679	-0.19			FALSE	TRUE	FALSE	FALSE
P48774	Q80W21	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
P03995	P48678	-0.19	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P70333	Q9Z2X1	-0.19			FALSE	TRUE	FALSE	FALSE
O55143	Q64518	-0.19			FALSE	TRUE	FALSE	FALSE
P43883	Q8CGN5	-0.19			FALSE	TRUE	FALSE	FALSE
P11276	Q8BYI9	-0.19	HOM		TRUE	FALSE	FALSE	FALSE
Q61411	Q9JIW9	-0.18		HET	FALSE	FALSE	FALSE	FALSE
O70209	O70400	-0.18			FALSE	TRUE	FALSE	FALSE
O55234	P28063	-0.18	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q62523	Q9WV69	-0.18			FALSE	TRUE	FALSE	FALSE
O70325	P11352	-0.18		HOM	TRUE	FALSE	FALSE	FALSE
Q64464	Q9WVK8	-0.18			FALSE	TRUE	FALSE	FALSE
Q60605	Q8CI43	-0.18			FALSE	TRUE	FALSE	FALSE
A2AQP0	Q8VDD5	-0.18			FALSE	TRUE	FALSE	FALSE
P58021	Q9ET30	-0.18			FALSE	TRUE	FALSE	FALSE
P22723	P26048	-0.18			FALSE	TRUE	FALSE	FALSE
Q01279	Q9QVP9	-0.18	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q7TSQ8	Q99LB7	-0.18			FALSE	TRUE	FALSE	FALSE
P61750	P62331	-0.18		HOM	TRUE	FALSE	FALSE	FALSE
Q9R0N5	Q9R0N7	-0.18		HET	FALSE	FALSE	FALSE	FALSE
P51880	Q05816	-0.18			FALSE	TRUE	FALSE	FALSE
Q8VCR2	Q99J47	-0.17			FALSE	TRUE	FALSE	FALSE
Q60902	Q9EQP2	-0.17	HET	HET	FALSE	FALSE	FALSE	FALSE
Q9ERI6	Q9QYF1	-0.17			FALSE	TRUE	FALSE	FALSE
P45376	Q8VCX1	-0.17	HOM		TRUE	FALSE	FALSE	FALSE
Q60875	Q61210	-0.17			FALSE	TRUE	TRUE	6671 Human PI4K2A- WASH complex
P39447	Q62108	-0.17		HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

O55028	Q922H2	-0.16			FALSE	TRUE	FALSE			FALSE
O35381	P97822	-0.16			FALSE	TRUE	FALSE			FALSE
P62331	Q9D0J4	-0.16	HOM	HET	TRUE	FALSE	FALSE			FALSE
Q62108	Q91XM9	-0.16	HOM	HOM	TRUE	FALSE	FALSE			TRUE
P45377	Q8VCX1	-0.16			FALSE	TRUE	FALSE			FALSE
Q6PIC6	Q8R429	-0.16			FALSE	TRUE	FALSE			FALSE
O88533	Q9DBE0	-0.16	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q9JLV5	Q9WTX6	-0.16	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	2715 Human	Ubiquitin E3 ligase	FALSE
Q3UE37	Q6ZPJ3	-0.16			FALSE	TRUE	FALSE			FALSE
P06801	Q99KE1	-0.16		HOM	TRUE	FALSE	FALSE			FALSE
O35737	Q8C5Q4	-0.15			FALSE	TRUE	FALSE			FALSE
Q3UNZ8	Q80TB8	-0.15		HOM	TRUE	FALSE	FALSE			FALSE
Q3UMU 9	Q99JF8	-0.15			FALSE	TRUE	FALSE			FALSE
Q69ZK9	Q8BK48	-0.15			FALSE	TRUE	FALSE			FALSE
Q8CHS7	Q99J47	-0.15			FALSE	TRUE	FALSE			FALSE
P19246	P48678	-0.15		HOM	TRUE	FALSE	FALSE			FALSE
P08752	Q9DC51	-0.15		HET	FALSE	FALSE	FALSE			FALSE
Q9D0J4	Q9WUL7	-0.15	HET		FALSE	FALSE	FALSE			FALSE
O35465	P26883	-0.15	HET	HOM	TRUE	FALSE	FALSE			FALSE
Q9CQE7	Q9DC16	-0.15			FALSE	TRUE	FALSE			FALSE
P51880	Q00915	-0.15			FALSE	TRUE	FALSE			FALSE
Q8BWN 8	Q9QYR9	-0.15			FALSE	TRUE	FALSE			FALSE
P11499	Q9CQN1	-0.15	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P62962	Q9JJV2	-0.15		HOM	TRUE	FALSE	FALSE			TRUE
A2AKK5	Q91X34	-0.15			FALSE	TRUE	FALSE			FALSE

Table S4 Mouse

E9PZQ0	P70227	-0.15	HET		FALSE	FALSE	FALSE	FALSE
P57780	Q62261	-0.15		HOM	TRUE	FALSE	FALSE	FALSE
P12242	Q9CR62	-0.15	HOM		TRUE	FALSE	FALSE	FALSE
Q62419	Q9JK48	-0.14		HET	FALSE	FALSE	FALSE	FALSE
P30275	Q6P8J7	-0.14		HOM	TRUE	FALSE	FALSE	FALSE
O88952	Q99L88	-0.14		HOM	TRUE	FALSE	FALSE	FALSE
P97772	Q3UVX5	-0.14	HOM		TRUE	FALSE	FALSE	FALSE
P23589	Q9QZA0	-0.14			FALSE	TRUE	FALSE	FALSE
Q62261	Q7TPR4	-0.14	HOM		TRUE	FALSE	FALSE	FALSE
P28665	P28666	-0.14			FALSE	TRUE	FALSE	FALSE
P70206	Q80UG2	-0.14			FALSE	TRUE	FALSE	FALSE
P61750	Q9WUL7	-0.14			FALSE	TRUE	FALSE	FALSE
Q80UW2	Q9QZN4	-0.14	HET		FALSE	FALSE	FALSE	FALSE
P45376	Q9DCT1	-0.13	HOM		TRUE	FALSE	FALSE	FALSE
P19123	P20801	-0.13	HOM		TRUE	FALSE	FALSE	FALSE
Q99KR7	Q9ERU9	-0.13		HET	FALSE	FALSE	FALSE	FALSE
Q2TPA8	Q99L04	-0.13		HOM	TRUE	FALSE	FALSE	FALSE
Q3UN02	Q9D1E8	-0.13			FALSE	TRUE	FALSE	FALSE
B2RSH2	Q9DC51	-0.13	HOM	HET	TRUE	FALSE	FALSE	FALSE
P37040	Q9Z0J4	-0.13			FALSE	TRUE	FALSE	FALSE
P39447	Q9Z0U1	-0.13		HOM	TRUE	FALSE	FALSE	FALSE
P70158	Q04519	-0.13			FALSE	TRUE	FALSE	FALSE
Q00612	Q8CFX1	-0.13	HOM		TRUE	FALSE	FALSE	FALSE
Q62189	Q9CQI7	-0.13	HOM		TRUE	FALSE	FALSE	FALSE
P35293	Q6PHN9	-0.12			FALSE	TRUE	FALSE	FALSE
P45376	Q8VC28	-0.12	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P08207	P50114	-0.12			FALSE	TRUE	FALSE				FALSE
P28661	P42208	-0.12	HET	HOM	TRUE	FALSE	FALSE				FALSE
Q3UN02	Q9D517	-0.12			FALSE	TRUE	FALSE				FALSE
O54916	Q7TQ48	-0.12	HET	HET	FALSE	FALSE	FALSE				FALSE
P45377	Q8VC28	-0.12		HOM	TRUE	FALSE	FALSE				FALSE
P11404	Q00915	-0.12			FALSE	TRUE	FALSE				FALSE
P26048	P62812	-0.12			FALSE	TRUE	FALSE				FALSE
Q9JME5	Q9Z1T1	-0.12	HET	HET	FALSE	FALSE	TRUE	59,652	Human	AP3 adaptor complex, AP3-BLOC1 complex	FALSE
P50247	Q80SW1	-0.12			FALSE	TRUE	FALSE				FALSE
O54829	Q9QZB1	-0.12			FALSE	TRUE	FALSE				FALSE
Q60823	Q9WUA6	-0.12			FALSE	TRUE	FALSE				FALSE
P29387	P62880	-0.12			FALSE	TRUE	FALSE				FALSE
Q8BH59	Q9QXX4	-0.12			FALSE	TRUE	FALSE				FALSE
P07356	Q07076	-0.11	HOM		TRUE	FALSE	FALSE				FALSE
Q9D2V7	Q9WUM3	-0.11		HOM	TRUE	FALSE	FALSE				FALSE
Q8BHD7	Q8R081	-0.11			FALSE	TRUE	FALSE				FALSE
P10833	P32883	-0.11			FALSE	TRUE	FALSE				FALSE
P12382	Q9WUA3	-0.11	HET	HET	FALSE	FALSE	FALSE				FALSE
P26040	P26041	-0.11			FALSE	TRUE	FALSE				FALSE
P70333	Q8C5Q4	-0.11			FALSE	TRUE	FALSE				FALSE
P20152	P31001	-0.11			FALSE	TRUE	FALSE				FALSE
P58404	Q8CIE6	-0.11		HOM	TRUE	FALSE	FALSE				FALSE
P04104	Q6IFZ6	-0.11			FALSE	TRUE	FALSE				FALSE
P61290	P97372	-0.11			FALSE	TRUE	FALSE				FALSE

Table S4 Mouse

P00920	P13634	-0.11	HOM		TRUE	FALSE	FALSE	FALSE
P24547	Q99L27	-0.1		HOM	TRUE	FALSE	FALSE	FALSE
P36993	P49443	-0.1			FALSE	TRUE	FALSE	FALSE
P28656	Q78ZA7	-0.1			FALSE	TRUE	FALSE	FALSE
P84078	Q8BSL7	-0.1			FALSE	TRUE	FALSE	FALSE
Q8C167	Q9QUR6	-0.1			FALSE	TRUE	FALSE	FALSE
O89053	Q9D2V7	-0.1			FALSE	TRUE	FALSE	FALSE
P35762	Q8BJU2	-0.1	HOM		TRUE	FALSE	FALSE	FALSE
Q02053	Q8C7R4	-0.1			FALSE	TRUE	FALSE	FALSE
P08551	P20152	-0.09			FALSE	TRUE	FALSE	FALSE
Q64518	Q6PIE5	-0.09			FALSE	TRUE	FALSE	FALSE
A2ASZ8	Q8C0K5	-0.09			FALSE	TRUE	FALSE	FALSE
O08528	P52792	-0.09			FALSE	TRUE	FALSE	FALSE
P10107	P14824	-0.09			FALSE	TRUE	FALSE	FALSE
Q91V12	Q9DBK0	-0.09	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q4KWH 5	Q9Z1B3	-0.09			FALSE	TRUE	FALSE	FALSE
P39447	Q9JLB0	-0.09			FALSE	TRUE	FALSE	FALSE
P45377	Q9DCT1	-0.09			FALSE	TRUE	FALSE	FALSE
Q31125	Q5FWH7	-0.09			FALSE	TRUE	FALSE	FALSE
Q91VT4	Q91X52	-0.09	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P02463	Q9QZS0	-0.08			FALSE	TRUE	FALSE	FALSE
P06800	Q64487	-0.08			FALSE	TRUE	FALSE	FALSE
Q62433	Q9QYG0	-0.08		HOM	TRUE	FALSE	FALSE	FALSE
Q3TCH7	Q9D4H8	-0.08	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
Q64176	Q8VCC2	-0.08			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q80X90	Q8VHX6	-0.08		HOM	TRUE	FALSE	FALSE	FALSE
Q61234	Q8JZS0	-0.08	HOM		TRUE	FALSE	FALSE	FALSE
P14246	P17809	-0.08			FALSE	TRUE	FALSE	FALSE
O70433	P97447	-0.08			FALSE	TRUE	FALSE	FALSE
O70433	Q3TJD7	-0.08			FALSE	TRUE	FALSE	FALSE
P14246	P32037	-0.08			FALSE	TRUE	FALSE	FALSE
Q925N2	Q99JR1	-0.08			FALSE	TRUE	FALSE	FALSE
P25911	Q04736	-0.08			FALSE	TRUE	FALSE	FALSE
O35114	Q08857	-0.08		HET	FALSE	FALSE	FALSE	FALSE
P06151	P16125	-0.08			FALSE	TRUE	FALSE	FALSE
P70290	Q9Z0U1	-0.08	HOM	HOM	TRUE	FALSE	FALSE	FALSE
A2ASZ8	Q8R0Y8	-0.07			FALSE	TRUE	FALSE	FALSE
Q8BHD7	Q921F4	-0.07			FALSE	TRUE	FALSE	FALSE
O88876	Q8CHS7	-0.07			FALSE	TRUE	FALSE	FALSE
P39447	Q91XM9	-0.07		HOM	TRUE	FALSE	FALSE	FALSE
O35954	P53811	-0.07			FALSE	TRUE	FALSE	FALSE
P11881	P70227	-0.07			FALSE	TRUE	FALSE	FALSE
P51667	Q3THE2	-0.07			FALSE	TRUE	FALSE	FALSE
Q31125	Q6P5F6	-0.07			FALSE	TRUE	FALSE	FALSE
P21619	P46660	-0.07			FALSE	TRUE	FALSE	FALSE
P56501	Q9CR62	-0.07			FALSE	TRUE	FALSE	FALSE
P48036	P97384	-0.07			FALSE	TRUE	FALSE	FALSE
P40237	P40240	-0.07		HOM	TRUE	FALSE	FALSE	FALSE
P08551	P21619	-0.07			FALSE	TRUE	FALSE	FALSE
Q3TCH7	Q9WTX6	-0.07	HOM, HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE

Table S4 Mouse

P54285	Q8R0S4	-0.07			FALSE	TRUE	FALSE		FALSE
P13634	P28651	-0.06			FALSE	TRUE	FALSE		FALSE
Q3UNX5	Q99NB1	-0.06	HOM		TRUE	FALSE	FALSE		FALSE
Q62393	Q9CYZ2	-0.06			FALSE	TRUE	FALSE		FALSE
O55028	Q8BFP9	-0.06	HOM		TRUE	FALSE	FALSE		FALSE
P63318	P70268	-0.06	HET		FALSE	FALSE	FALSE		FALSE
P18572	P97300	-0.06	HOM		TRUE	FALSE	FALSE		FALSE
A2AQ07	Q9D6F9	-0.06	HET	HET	FALSE	FALSE	FALSE		FALSE
O70571	Q922H2	-0.06			FALSE	TRUE	FALSE		FALSE
P12960	Q61330	-0.05	HET		FALSE	FALSE	FALSE		FALSE
P50171	Q91X52	-0.05	HOM	HOM	TRUE	FALSE	FALSE		FALSE
O08917	Q60634	-0.05			FALSE	TRUE	FALSE		FALSE
E9Q557	Q9QXS1	-0.05	HOM	HOM	TRUE	FALSE	FALSE		FALSE
O08599	Q60770	-0.05			FALSE	TRUE	FALSE		FALSE
Q60902	Q9Z0R4	-0.05	HET	HET	FALSE	FALSE	FALSE		FALSE
P50114	P50543	-0.05			FALSE	TRUE	FALSE		FALSE
O54916	Q9QXY6	-0.05	HET	HET	FALSE	FALSE	FALSE		FALSE
Q61234	Q99L88	-0.05	HOM	HOM	TRUE	FALSE	TRUE	349 Mouse	Sarcoglyc an- sarcospan- syntrophin- dystrobrev in complex FALSE
Q7TSQ8	Q9DBT9	-0.05			FALSE	TRUE	FALSE		FALSE
O55106	Q8CIE6	-0.05		HOM	TRUE	FALSE	FALSE		FALSE
P19157	Q80W21	-0.05	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q62452	Q64435	-0.05			FALSE	TRUE	FALSE		FALSE
P00920	Q9QZA0	-0.04	HOM		TRUE	FALSE	FALSE		FALSE

Table S4 Mouse

P21440	Q9QY30	-0.04			FALSE	TRUE	FALSE	FALSE
P05064	Q91Y97	-0.04			FALSE	TRUE	FALSE	FALSE
P68404	P70268	-0.04		HET	FALSE	FALSE	FALSE	FALSE
O08529	O35350	-0.04	HOM	HET	TRUE	FALSE	FALSE	FALSE
P20108	P35700	-0.04	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O88545	P26516	-0.04			FALSE	TRUE	FALSE	FALSE
O35639	Q07076	-0.04			FALSE	TRUE	FALSE	FALSE
Q8K0T0	Q9ES97	-0.04			FALSE	TRUE	FALSE	FALSE
Q61699	Q9JKR6	-0.04	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P24547	Q9DCZ1	-0.03			FALSE	TRUE	FALSE	FALSE
Q3UNZ8	Q62465	-0.03			FALSE	TRUE	FALSE	FALSE
P07310	P30275	-0.03			FALSE	TRUE	FALSE	FALSE
P03995	P14733	-0.03			FALSE	TRUE	FALSE	FALSE
P10649	P48774	-0.03			FALSE	TRUE	FALSE	FALSE
Q8BTG7	Q9QYG0	-0.03		HOM	TRUE	FALSE	FALSE	FALSE
A2AKK5	Q8BGG9	-0.03			FALSE	TRUE	FALSE	FALSE
Q62465	Q9DCS3	-0.03		HOM	TRUE	FALSE	FALSE	FALSE
O35367	P51885	-0.03			FALSE	TRUE	FALSE	FALSE
Q6P8X1	Q9D8U8	-0.03		HOM	TRUE	FALSE	FALSE	FALSE
P47199	Q80TB8	-0.03	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P53395	Q8BMF4	-0.03		HOM	TRUE	FALSE	FALSE	FALSE
P46735	Q9WTI7	-0.03		HOM	TRUE	FALSE	FALSE	FALSE
P41216	Q91WC3	-0.03			FALSE	TRUE	FALSE	FALSE
Q4LDG0	Q91VE0	-0.02			FALSE	TRUE	FALSE	FALSE
Q99NB1	Q9QXG4	-0.02	HOM		TRUE	FALSE	FALSE	FALSE
Q9Z210	Q9Z211	-0.02			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q8BH44	Q9WUM 3	-0.02		HOM	TRUE	FALSE	FALSE	FALSE
Q91X34	Q9QYR9	-0.02			FALSE	TRUE	FALSE	FALSE
P84078	Q9D0J4	-0.02		HET	FALSE	FALSE	FALSE	FALSE
Q8BGF9	Q8BH59	-0.02			FALSE	TRUE	FALSE	FALSE
Q9D1E8	Q9D517	-0.02			FALSE	TRUE	FALSE	FALSE
O35367	Q9JK53	-0.02			FALSE	TRUE	FALSE	FALSE
Q8QZR3	Q8VCC2	-0.02			FALSE	TRUE	FALSE	FALSE
O70443	P08752	-0.01			FALSE	TRUE	FALSE	FALSE
O08989	P32883	-0.01			FALSE	TRUE	FALSE	FALSE
Q8BMD 8	Q8R0Y8	-0.01			FALSE	TRUE	FALSE	FALSE
P97371	P97372	-0.01			FALSE	TRUE	FALSE	TRUE
Q9WUM 3	Q9WUM 4	-0.01	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q91VA0	Q99NB1	-0.01		HOM	TRUE	FALSE	FALSE	FALSE
O35367	Q99MQ4	-0.01			FALSE	TRUE	FALSE	FALSE
O88951	Q61234	-0.01	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q91YW3	Q9QYI3	-0.01			FALSE	TRUE	FALSE	FALSE
Q5SQM0	Q8BQM 8	-0.01			FALSE	TRUE	FALSE	FALSE
O08788	Q922J3	-0.01	HOM		TRUE	FALSE	FALSE	FALSE
Q8R5J9	Q9JIG8	-0			FALSE	TRUE	FALSE	FALSE
P08551	P14733	-0			FALSE	TRUE	FALSE	FALSE
P43274	P43276	-0			FALSE	TRUE	FALSE	FALSE
P23589	Q9WVT6	0.001			FALSE	TRUE	FALSE	FALSE
P61750	P84078	0.001			FALSE	TRUE	FALSE	FALSE
P56501	Q9QZD8	0.002			FALSE	TRUE	FALSE	FALSE
P00920	P28651	0.002	HOM		TRUE	FALSE	FALSE	FALSE
Q8VIJ6	Q99K48	0.004	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q60902	Q9WVK 4	0.008	HET	HET	FALSE	FALSE	FALSE	FALSE
O35855	P24288	0.008	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P47199	Q62465	0.009	HOM		TRUE	FALSE	FALSE	FALSE
Q3B7Z2	Q91XL9	0.011	HOM		TRUE	FALSE	FALSE	FALSE
P54869	Q8JZK9	0.011	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P62746	Q62159	0.012			FALSE	TRUE	FALSE	FALSE
P14231	P97370	0.012			FALSE	TRUE	FALSE	FALSE
Q6A065	Q80U49	0.013			FALSE	TRUE	FALSE	FALSE
O54991	Q6P9K9	0.014			FALSE	TRUE	FALSE	FALSE
P14824	P48036	0.014			FALSE	TRUE	FALSE	FALSE
Q6GYP7	Q8C0T5	0.015	HET		FALSE	FALSE	FALSE	FALSE
P12242	Q9QZD8	0.016	HOM		TRUE	FALSE	FALSE	FALSE
E9PUL5	Q8C838	0.017			FALSE	TRUE	FALSE	FALSE
P51667	P97457	0.017			FALSE	TRUE	FALSE	FALSE
P40240	Q8R3G9	0.017	HOM		TRUE	FALSE	FALSE	FALSE
Q8BGF9	Q9DB41	0.017			FALSE	TRUE	FALSE	FALSE
P62331	Q9CQW 2	0.017	HOM		TRUE	FALSE	FALSE	FALSE
O08808	Q8BPM0	0.017	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P16054	P70268	0.017		HET	FALSE	FALSE	FALSE	FALSE
Q60766	Q9QZ85	0.018			FALSE	TRUE	FALSE	FALSE
P55258	P61028	0.018			FALSE	TRUE	FALSE	FALSE
Q62188	Q9EQF5	0.019	HET	HOM	TRUE	FALSE	FALSE	FALSE
P50171	Q8JZV9	0.019	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P03995	P31001	0.02			FALSE	TRUE	FALSE	FALSE
Q8C129	Q9EQH2	0.021		HET	FALSE	FALSE	FALSE	FALSE
Q6KAR6	Q8BI71	0.021			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q7TNG5	Q8BQM 8	0.021			FALSE	TRUE	FALSE	FALSE
Q8CFA2	Q99LB7	0.022	HOM		TRUE	FALSE	FALSE	FALSE
O35114	Q61009	0.023			FALSE	TRUE	FALSE	FALSE
P04104	Q3TTY5	0.023			FALSE	TRUE	FALSE	FALSE
P63321	Q9JIW9	0.024		HET	FALSE	FALSE	FALSE	FALSE
O55143	Q6PIC6	0.025			FALSE	TRUE	FALSE	FALSE
O70433	Q9R059	0.025			FALSE	TRUE	TRUE	3187 Human FHL2- FHL3 complex
P16406	Q8C129	0.026			FALSE	TRUE	FALSE	FALSE
P53395	Q8BKZ9	0.026		HET	FALSE	FALSE	FALSE	FALSE
P17182	P17183	0.027	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P28651	Q9QZA0	0.027			FALSE	TRUE	FALSE	FALSE
P29341	P70372	0.028		HOM	TRUE	FALSE	FALSE	FALSE
P13634	Q64444	0.029		HOM	TRUE	FALSE	FALSE	FALSE
P68373	Q9JJZ2	0.029		HET	FALSE	FALSE	FALSE	FALSE
Q8BJU2	Q8R3G9	0.031			FALSE	TRUE	FALSE	FALSE
P19246	P20152	0.031			FALSE	TRUE	FALSE	FALSE
O08532	Q6PHS9	0.031			FALSE	TRUE	FALSE	FALSE
P08551	P31001	0.032			FALSE	TRUE	FALSE	FALSE
Q7TME0	Q99JY8	0.032			FALSE	TRUE	FALSE	FALSE
Q5FWH7	Q6P5F6	0.032			FALSE	TRUE	FALSE	FALSE
P97822	Q9EST5	0.033			FALSE	TRUE	FALSE	FALSE
Q9R1Q8	Q9WVA 4	0.034			FALSE	TRUE	FALSE	FALSE
P60843	Q91VC3	0.035	HET	HET	FALSE	FALSE	FALSE	FALSE
O09164	P08228	0.036	HOM	HOM	TRUE	FALSE	FALSE	FALSE
F6SEU4	Q9Z268	0.036			FALSE	TRUE	FALSE	TRUE

Table S4 Mouse

O08663	P50580	0.037			FALSE	TRUE	FALSE			FALSE
P70206	Q8CJH3	0.037		HOM	TRUE	FALSE	TRUE	5791 Mouse	PlexinA1- PlexinB1 complex	FALSE
Q64444	Q9QZA0	0.037	HOM		TRUE	FALSE	FALSE			FALSE
P26049	P62812	0.038			FALSE	TRUE	FALSE			TRUE
P12960	Q810U4	0.042	HET		FALSE	FALSE	FALSE			FALSE
Q7TPR4	Q9JI91	0.043		HOM	TRUE	FALSE	FALSE			FALSE
O35136	Q80Z24	0.044	HOM		TRUE	FALSE	FALSE			FALSE
P70175	Q811D0	0.044	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q8BFP9	Q922H2	0.045	HOM		TRUE	FALSE	FALSE			FALSE
O89053	Q8BH44	0.045			FALSE	TRUE	FALSE			FALSE
P58021	Q8BH24	0.046			FALSE	TRUE	FALSE			FALSE
Q924X2	Q9DC50	0.046			FALSE	TRUE	FALSE			FALSE
O88533	P48320	0.046	HOM		TRUE	FALSE	FALSE			FALSE
Q8CIE6	Q9ERG2	0.048	HOM		TRUE	FALSE	FALSE			FALSE
P70695	Q9QXD6	0.048			FALSE	TRUE	FALSE			FALSE
Q3UQ44	Q9JKF1	0.05		HOM	TRUE	FALSE	FALSE			FALSE
Q811D0	Q9Z0U1	0.051	HOM	HOM	TRUE	FALSE	FALSE			FALSE
P39447	P70290	0.052		HOM	TRUE	FALSE	FALSE			FALSE
Q3V009	Q9CXE7	0.053			FALSE	TRUE	FALSE			FALSE
P62748	Q8BNY6	0.053	HET	HET	FALSE	FALSE	FALSE			FALSE
Q02566	Q5SX40	0.054			FALSE	TRUE	FALSE			FALSE
O54916	Q8BH64	0.054	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE			FALSE
Q9CQ62	Q9WV68	0.056	HOM		TRUE	FALSE	FALSE			FALSE
Q3UJU9	Q8BSE0	0.056			FALSE	TRUE	FALSE			FALSE
Q8VCB3	Q9Z1E4	0.056	HOM	HOM	TRUE	FALSE	FALSE			FALSE

Table S4 Mouse

O70318	P48193	0.056			FALSE	TRUE	FALSE		FALSE
O35639	P10107	0.056			FALSE	TRUE	FALSE		FALSE
P97449	Q9EQH2	0.057		HET	FALSE	FALSE	FALSE		FALSE
P20152	P46660	0.057			FALSE	TRUE	FALSE		FALSE
A2AQ07	P68372	0.058	HET	HET	FALSE	FALSE	FALSE		FALSE
P31786	Q5XG73	0.058			FALSE	TRUE	FALSE		FALSE
O54916	Q9Z0R4	0.059	HET	HET	FALSE	FALSE	FALSE		FALSE
P36371	Q9JI39	0.059		HOM	TRUE	FALSE	FALSE		FALSE
O35367	P28654	0.059			FALSE	TRUE	FALSE		FALSE
P60766	Q05144	0.06	HET	HET	FALSE	FALSE	FALSE		FALSE
P20357	P27546	0.06			FALSE	TRUE	FALSE		FALSE
P16546	P57780	0.061	HOM		TRUE	FALSE	FALSE		FALSE
P63213	Q80SZ7	0.064	HET		FALSE	FALSE	FALSE		FALSE
P68368	Q9JJZ2	0.064	HET	HET	FALSE	FALSE	FALSE		FALSE
P51859	Q3UMU 9	0.065	HOM		TRUE	FALSE	FALSE		FALSE
P61205	Q9D0J4	0.065		HET	FALSE	FALSE	FALSE		FALSE
D3Z7P3	Q571F8	0.067	HOM		TRUE	FALSE	FALSE		FALSE
P16406	P97449	0.068			FALSE	TRUE	FALSE		FALSE
P21278	P21279	0.069			FALSE	TRUE	TRUE	117 Human	GPR56- CD81- Galpha- Gbeta complex FALSE
P07356	P10107	0.07	HOM		TRUE	FALSE	FALSE		FALSE
Q8BMD 8	Q8C0K5	0.071			FALSE	TRUE	FALSE		FALSE
O35367	P28653	0.071			FALSE	TRUE	FALSE		FALSE
Q7TQ48	Q9WVK 4	0.071	HET	HET	FALSE	FALSE	FALSE		FALSE
P62880	Q8CGF6	0.072			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

P62331	P84084	0.072	HOM		TRUE	FALSE	FALSE	FALSE
Q4KWH 5	Q8K394	0.072			FALSE	TRUE	FALSE	FALSE
Q5SUC9	Q8VCL2	0.073			FALSE	TRUE	FALSE	FALSE
P97772	Q9QYS2	0.074	HOM		TRUE	FALSE	FALSE	FALSE
P00920	Q64444	0.074	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8VHQ9	Q9DBK0	0.074	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8BSL7	Q9WUL7	0.076			FALSE	TRUE	FALSE	FALSE
B2RXS4	P70206	0.079	HET		FALSE	FALSE	FALSE	FALSE
O88876	Q6GV12	0.079			FALSE	TRUE	FALSE	FALSE
Q5PR73	Q80ZJ1	0.079		HOM	TRUE	FALSE	FALSE	FALSE
Q8BGD9	Q9WUK 2	0.079			FALSE	TRUE	FALSE	FALSE
P61164	P68134	0.08			FALSE	TRUE	FALSE	FALSE
P26048	P26049	0.081			FALSE	TRUE	FALSE	FALSE
P08752	P21278	0.081			FALSE	TRUE	FALSE	FALSE
Q8C0L0	Q8VBT0	0.081			FALSE	TRUE	FALSE	FALSE
O35639	P97429	0.082			FALSE	TRUE	FALSE	FALSE
Q8K021	Q9JKD3	0.082			FALSE	TRUE	FALSE	FALSE
Q6P9K9	Q9CS84	0.083		HET	FALSE	FALSE	FALSE	FALSE
P56371	Q91ZR1	0.083	HET		FALSE	FALSE	FALSE	FALSE
P14069	P50114	0.084			FALSE	TRUE	FALSE	FALSE
Q80SZ7	Q9CXP8	0.084			FALSE	TRUE	FALSE	FALSE
Q60854	Q9D154	0.084			FALSE	TRUE	FALSE	FALSE
F8VPU2	P26040	0.084			FALSE	TRUE	FALSE	FALSE
P63216	Q80SZ7	0.084			FALSE	TRUE	FALSE	FALSE
P62071	Q61411	0.085			FALSE	TRUE	FALSE	FALSE
P50247	Q68FL4	0.085			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P62881	Q8CGF6	0.086	HET		FALSE	FALSE	FALSE		FALSE
P13542	Q8VDD5	0.086			FALSE	TRUE	FALSE		FALSE
P46638	P56371	0.086		HET	FALSE	FALSE	FALSE		FALSE
P10107	P48036	0.086			FALSE	TRUE	FALSE		FALSE
Q80ZJ1	Q99JI6	0.087	HOM		TRUE	FALSE	FALSE		FALSE
P22723	P26049	0.087			FALSE	TRUE	FALSE		FALSE
P47934	Q9DC50	0.087			FALSE	TRUE	FALSE		FALSE
Q8VCH0	Q921H8	0.089		HOM	TRUE	FALSE	FALSE		FALSE
P12960	Q810U3	0.089	HET		FALSE	FALSE	FALSE		FALSE
P62259	Q9CQV8	0.089	HOM		TRUE	FALSE	TRUE	5199,56 13 Human	Kinase maturatio n complex 1,Emerin complex 25 TRUE
Q8R2Y2	Q9R069	0.09			FALSE	TRUE	FALSE		FALSE
P08752	P27601	0.091			FALSE	TRUE	FALSE		FALSE
Q8BH44	Q9D2V7	0.093			FALSE	TRUE	FALSE		FALSE
Q63880	Q8VCC2	0.095			FALSE	TRUE	FALSE		FALSE
P50153	Q80SZ7	0.095			FALSE	TRUE	FALSE		FALSE
P26231	Q64727	0.095	HOM	HET	TRUE	FALSE	FALSE		FALSE
Q91V61	Q925N0	0.095			FALSE	TRUE	FALSE		FALSE
O70503	Q8BTX9	0.097			FALSE	TRUE	FALSE		FALSE
Q8K023	Q9JII6	0.097	HOM		TRUE	FALSE	FALSE		FALSE
Q6GV12	Q9EQ06	0.098			FALSE	TRUE	FALSE		FALSE
P07758	P22599	0.099	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q8VDD5	Q91Z83	0.099			FALSE	TRUE	FALSE		FALSE
Q5SSM3	Q91Z67	0.101		HET	FALSE	FALSE	FALSE		FALSE

Table S4 Mouse

P48771	Q61387	0.102			FALSE	TRUE	FALSE		FALSE	
P24527	Q8VCT3	0.103			FALSE	TRUE	FALSE		FALSE	
Q91XD7	Q9CYA0	0.103			FALSE	TRUE	FALSE		FALSE	
P47791	Q9JMH6	0.104	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
P62880	P62881	0.105		HET	FALSE	FALSE	FALSE		FALSE	
P61205	P61750	0.106			FALSE	TRUE	FALSE		FALSE	
Q64518	Q6PIC6	0.107			FALSE	TRUE	FALSE		FALSE	
P08752	P21279	0.107			FALSE	TRUE	FALSE		FALSE	
Q9Z0V7	Q9Z0V8	0.108			FALSE	TRUE	FALSE		FALSE	
P20152	P48678	0.108		HOM	TRUE	FALSE	FALSE		FALSE	
P29387	P62874	0.109		HET	FALSE	FALSE	FALSE		FALSE	
O08539	Q7TQF7	0.109			FALSE	TRUE	FALSE		FALSE	
P07934	Q6PGN3	0.11	HET		FALSE	FALSE	FALSE		FALSE	
Q7TQ48	Q8BH64	0.11	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE		FALSE	
P63037	Q99KV1	0.111	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
P14733	P48678	0.114		HOM	TRUE	FALSE	TRUE	5608, ⁵⁶ 11	Human Emerin architectur al complex, Emerin complex 24	TRUE
Q8BTZ7	Q922H4	0.114			FALSE	TRUE	FALSE		FALSE	
P08551	P19246	0.115			FALSE	TRUE	FALSE		TRUE	
O88951	O88952	0.117	HOM		TRUE	FALSE	FALSE		FALSE	
A2AQ07	P99024	0.118	HET	HET	FALSE	FALSE	FALSE		FALSE	
P35762	P40240	0.12	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
O88990	Q9JI91	0.12	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
Q6PA06	Q8BH66	0.12		HOM	TRUE	FALSE	FALSE		FALSE	

Table S4 Mouse

P17742	Q9ERU9	0.121		HET	FALSE	FALSE	FALSE	FALSE	
Q00915	Q05816	0.122			FALSE	TRUE	FALSE	FALSE	
P16388	P63141	0.122	HET	HET	FALSE	FALSE	FALSE	TRUE	
O08807	P20108	0.122	HOM	HOM	TRUE	FALSE	FALSE	FALSE	
Q8BR92	Q9Z0P4	0.123			FALSE	TRUE	FALSE	FALSE	
Q501J6	Q810A7	0.123			FALSE	TRUE	FALSE	FALSE	
Q8BJU2	Q922J6	0.123			FALSE	TRUE	FALSE	FALSE	
P10107	Q07076	0.124			FALSE	TRUE	FALSE	FALSE	
P40240	Q8BJU2	0.125	HOM		TRUE	FALSE	FALSE	FALSE	
P21278	P27601	0.126			FALSE	TRUE	FALSE	FALSE	
O88844	P54071	0.126	HOM	HOM	TRUE	FALSE	FALSE	FALSE	
O35728	Q9EP75	0.126			FALSE	TRUE	FALSE	FALSE	
Q61644	Q99JB8	0.127	HET	HOM	TRUE	FALSE	FALSE	FALSE	
Q8R464	Q8R5M8	0.129	HOM		TRUE	FALSE	FALSE	FALSE	
O89053	Q9WUM 4	0.13		HOM	TRUE	FALSE	FALSE	FALSE	
Q14BI2	Q3UVX5	0.131			FALSE	TRUE	FALSE	FALSE	
P53994	P56371	0.131		HET	FALSE	FALSE	FALSE	FALSE	
P11679	Q8VED5	0.131			FALSE	TRUE	FALSE	FALSE	
P62874	Q8CGF6	0.132	HET		FALSE	FALSE	FALSE	FALSE	
P62331	P84078	0.132	HOM		TRUE	FALSE	FALSE	FALSE	
Q6PHS9	Q9Z1L5	0.132			FALSE	TRUE	FALSE	FALSE	
Q80TL0	Q8CGA0	0.134			FALSE	TRUE	FALSE	FALSE	
Q8R0F9	Q99J08	0.134	HOM	HOM	TRUE	FALSE	FALSE	FALSE	
P70175	P70290	0.134	HOM	HOM	TRUE	FALSE	FALSE	FALSE	
Q91VN4	Q9CRB9	0.134			FALSE	TRUE	TRUE	6249,62 55 Human MIB complex, MICOS complex	FALSE

Table S4 Mouse

P42208	Q9Z2Q6	0.135	HOM	HET	TRUE	FALSE	FALSE	FALSE
Q8VC28	Q9JII6	0.135	HOM		TRUE	FALSE	FALSE	FALSE
Q8BXX9	Q9Z1Q5	0.136		HOM	TRUE	FALSE	FALSE	FALSE
Q8JZV9	Q91X52	0.137	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O55106	Q9ERG2	0.137			FALSE	TRUE	FALSE	FALSE
Q8CFJ7	Q9Z2Z6	0.138			FALSE	TRUE	FALSE	FALSE
Q8CEE7	Q9QYF1	0.138			FALSE	TRUE	FALSE	FALSE
Q8VCC2	Q91WG0	0.139			FALSE	TRUE	FALSE	FALSE
P39053	P39054	0.139	HOM		TRUE	FALSE	FALSE	FALSE
Q8BSE0	Q9DCV4	0.141			FALSE	TRUE	FALSE	FALSE
P13412	Q9WUZ5	0.141			FALSE	TRUE	FALSE	FALSE
Q8BG51	Q8JZN7	0.142			FALSE	TRUE	FALSE	FALSE
Q3UIZ8	Q8VCR8	0.143			FALSE	TRUE	FALSE	FALSE
P01029	P28666	0.145			FALSE	TRUE	FALSE	FALSE
Q9QZA0	Q9WVT6	0.145			FALSE	TRUE	FALSE	FALSE
Q91XM9	Q9WV34	0.148	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P15209	Q6VNS1	0.149	HOM		TRUE	FALSE	FALSE	FALSE
P16015	Q64444	0.15		HOM	TRUE	FALSE	FALSE	FALSE
Q8VCR2	Q9EQ06	0.152			FALSE	TRUE	FALSE	FALSE
Q9D2V7	Q9WUM 4	0.153		HOM	TRUE	FALSE	FALSE	FALSE
Q61361	Q9QUP5	0.153			FALSE	TRUE	FALSE	FALSE
P08122	Q9QZS0	0.154			FALSE	TRUE	FALSE	FALSE
P11352	P46412	0.154	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q99KV1	Q9QYJ0	0.155	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q6PIE5	Q8R429	0.155			FALSE	TRUE	FALSE	FALSE
Q8JZV9	Q91VT4	0.156	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

O70161	Q91XU3	0.157		HOM	TRUE	FALSE	FALSE	FALSE
P08103	Q04736	0.157	HOM		TRUE	FALSE	FALSE	FALSE
P84075	Q8BNY6	0.158	HET	HET	FALSE	FALSE	FALSE	FALSE
P51859	Q99JF8	0.159	HOM		TRUE	FALSE	FALSE	FALSE
P55258	Q99P58	0.159		HET	FALSE	FALSE	FALSE	FALSE
P63213	Q9DAS9	0.16	HET		FALSE	FALSE	FALSE	FALSE
Q8C3Q5	Q9CZN4	0.161			FALSE	TRUE	FALSE	FALSE
O09174	Q7TNE1	0.161			FALSE	TRUE	FALSE	FALSE
Q811D0	Q9JLB0	0.161	HOM		TRUE	FALSE	FALSE	FALSE
P31648	P31649	0.162			FALSE	TRUE	FALSE	FALSE
P63080	P63137	0.162			FALSE	TRUE	FALSE	FALSE
Q60902	Q9QXY6	0.162	HET	HET	FALSE	FALSE	FALSE	FALSE
P70290	Q9JLB0	0.164	HOM		TRUE	FALSE	FALSE	FALSE
Q91W90	Q921X9	0.164			FALSE	TRUE	FALSE	FALSE
P21619	P48678	0.164		HOM	TRUE	FALSE	FALSE	TRUE
O08989	Q61411	0.165			FALSE	TRUE	FALSE	FALSE
Q62523	Q8BFW7	0.165			FALSE	TRUE	FALSE	FALSE
Q9CWS4	Q9QXK7	0.169			FALSE	TRUE	FALSE	FALSE
O89017	Q9CXY9	0.17			FALSE	TRUE	FALSE	FALSE
Q922H2	Q9JK42	0.17		HOM	TRUE	FALSE	FALSE	FALSE
P40240	Q922J6	0.171	HOM		TRUE	FALSE	FALSE	FALSE
O09117	Q8BGN8	0.171			FALSE	TRUE	FALSE	FALSE
O70433	Q9JKS4	0.171			FALSE	TRUE	FALSE	FALSE
Q00PI9	Q91VR5	0.171			FALSE	TRUE	FALSE	FALSE
P63001	P84096	0.172			FALSE	TRUE	FALSE	FALSE
Q5FWK3	Q5SSM3	0.173	HET		FALSE	FALSE	FALSE	FALSE

Table S4 Mouse

Q5FW57	Q9DCY0	0.173			FALSE	TRUE	FALSE	FALSE
Q9CQW 2	Q9WUL7	0.174			FALSE	TRUE	FALSE	FALSE
P26231	Q61301	0.174	HOM		TRUE	FALSE	FALSE	FALSE
P10605	P97821	0.174	HET	HET	FALSE	FALSE	FALSE	FALSE
Q6PA06	Q91YH5	0.175			FALSE	TRUE	FALSE	FALSE
O08989	P63321	0.176			FALSE	TRUE	FALSE	FALSE
Q9DCT1	Q9JII6	0.176			FALSE	TRUE	FALSE	FALSE
P14733	P46660	0.177			FALSE	TRUE	FALSE	FALSE
P61022	Q63810	0.177	HET	HET	FALSE	FALSE	FALSE	FALSE
O09117	O89104	0.177			FALSE	TRUE	FALSE	FALSE
Q8BTG7	Q9QYF9	0.177			FALSE	TRUE	FALSE	FALSE
P49935	Q9R013	0.179		HOM	TRUE	FALSE	FALSE	FALSE
P67984	Q9D7S7	0.18			FALSE	TRUE	FALSE	FALSE
Q5SX39	Q9JMH9	0.18			FALSE	TRUE	FALSE	FALSE
P11404	Q05816	0.18			FALSE	TRUE	FALSE	FALSE
P53986	P57787	0.182			FALSE	TRUE	FALSE	FALSE
Q6GV12	Q9CXR1	0.183			FALSE	TRUE	FALSE	FALSE
Q6P3A8	Q9D051	0.184	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8JZV9	Q99LB2	0.184	HOM		TRUE	FALSE	FALSE	FALSE
P63254	P97315	0.184			FALSE	TRUE	FALSE	FALSE
P50544	Q60759	0.184	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O09159	P27046	0.185			FALSE	TRUE	FALSE	FALSE
P16015	P28651	0.185			FALSE	TRUE	FALSE	FALSE
Q01768	Q9WV85	0.185		HOM	TRUE	FALSE	FALSE	FALSE
Q9CXR1	Q9EQ06	0.187			FALSE	TRUE	FALSE	FALSE
P62748	P62761	0.188	HET		FALSE	FALSE	FALSE	FALSE

Table S4 Mouse

Q99MZ7	Q9CQ62	0.189		HOM	TRUE	FALSE	FALSE	FALSE
P60904	Q9QYJ3	0.189		HOM	TRUE	FALSE	FALSE	FALSE
Q8BFZ3	Q8R5C5	0.19			FALSE	TRUE	FALSE	FALSE
E9PZQ0	E9Q401	0.191	HET		FALSE	FALSE	FALSE	FALSE
P04104	Q8VED5	0.191			FALSE	TRUE	FALSE	FALSE
P04117	Q00915	0.192	HOM		TRUE	FALSE	FALSE	FALSE
P98192	Q61586	0.193	HET		FALSE	FALSE	FALSE	FALSE
P26883	P30416	0.194	HOM	HOM	TRUE	FALSE	FALSE	FALSE
B2RSH2	O70443	0.195	HOM		TRUE	FALSE	FALSE	FALSE
Q91WS0	Q9CQB5	0.197	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P62835	Q80ZJ1	0.197		HOM	TRUE	FALSE	FALSE	FALSE
P10833	P62071	0.198			FALSE	TRUE	FALSE	FALSE
Q91X52	Q99LB2	0.198	HOM		TRUE	FALSE	FALSE	FALSE
Q8VHE6	Q9JHU4	0.2		HOM	TRUE	FALSE	FALSE	FALSE
Q5SX40	Q6URW 6	0.201			FALSE	TRUE	FALSE	FALSE
Q3V1D3	Q9DBT5	0.202			FALSE	TRUE	FALSE	FALSE
Q64459	Q64464	0.202			FALSE	TRUE	FALSE	FALSE
Q9CZR3	Q9QYA2	0.203			FALSE	TRUE	FALSE	FALSE
P07309	Q9CRB3	0.203			FALSE	TRUE	FALSE	FALSE
P70245	Q9D0P0	0.203			FALSE	TRUE	FALSE	FALSE
P68040	Q3UKJ7	0.203	HOM		TRUE	FALSE	FALSE	FALSE
O35459	Q3TLP5	0.204	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q61792	Q9DC07	0.204			FALSE	TRUE	FALSE	FALSE
Q62419	Q8R3V5	0.204			FALSE	TRUE	FALSE	FALSE
P16546	Q7TPR4	0.205	HOM		TRUE	FALSE	FALSE	FALSE
Q6PIE5	Q8VDN2	0.205			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q6TEK5	Q9CRC0	0.205			FALSE	TRUE	FALSE	FALSE
Q3TLP5	Q8BH95	0.207	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P50153	Q61016	0.207			FALSE	TRUE	FALSE	FALSE
P37804	Q9R1Q8	0.208			FALSE	TRUE	FALSE	FALSE
P70372	Q61701	0.208	HOM		TRUE	FALSE	FALSE	FALSE
Q8CAY6	Q99JY0	0.209		HOM	TRUE	FALSE	FALSE	FALSE
P31648	P31650	0.21			FALSE	TRUE	FALSE	FALSE
P62259	P68254	0.21	HOM		TRUE	FALSE	FALSE	FALSE
P63044	Q62442	0.21			FALSE	TRUE	FALSE	FALSE
Q8C0K5	Q8R0Y8	0.21			FALSE	TRUE	FALSE	FALSE
Q8BZF8	Q9D0F9	0.21			FALSE	TRUE	FALSE	FALSE
P61027	Q99P58	0.21		HET	FALSE	FALSE	FALSE	FALSE
P28659	Q9Z0H4	0.211	HOM		TRUE	FALSE	FALSE	FALSE
Q52KR3	Q8BHE3	0.211			FALSE	TRUE	FALSE	FALSE
P08074	Q91VT4	0.211	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P01029	Q61838	0.212			FALSE	TRUE	FALSE	FALSE
P18052	Q64487	0.212			FALSE	TRUE	FALSE	FALSE
Q61102	Q9DC29	0.212	HET		FALSE	FALSE	FALSE	FALSE
O88990	P16546	0.213	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O70622	Q99P72	0.213			FALSE	TRUE	FALSE	FALSE
P68254	P68510	0.213			FALSE	TRUE	FALSE	FALSE
P54116	Q99JB2	0.215	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P62746	Q9QUI0	0.216			FALSE	TRUE	FALSE	FALSE
P49813	Q9JLH8	0.216			FALSE	TRUE	FALSE	FALSE
P63011	Q99P58	0.216		HET	FALSE	FALSE	FALSE	FALSE
O35490	Q91WS4	0.217	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P11679	Q3UV17	0.219			FALSE	TRUE	FALSE	FALSE
P14873	Q8C052	0.22			FALSE	TRUE	FALSE	FALSE
P14094	P97370	0.221			FALSE	TRUE	FALSE	FALSE
O35136	Q8BLK3	0.222	HOM		TRUE	FALSE	FALSE	FALSE
P00920	Q9WVT6	0.222	HOM		TRUE	FALSE	FALSE	FALSE
Q8K406	Q9JIA1	0.223			FALSE	TRUE	FALSE	FALSE
O54916	Q9EQP2	0.224	HET	HET	FALSE	FALSE	FALSE	FALSE
Q9Z2I8	Q9Z2I9	0.224			FALSE	TRUE	FALSE	FALSE
Q91XM9	Q9Z0U1	0.224	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P60904	Q9QYI5	0.225		HOM	TRUE	FALSE	FALSE	FALSE
Q61330	Q810U4	0.225			FALSE	TRUE	FALSE	FALSE
Q8JZV9	Q8VCC1	0.226	HOM	HOM	TRUE	FALSE	FALSE	FALSE
B9EKR1	O35239	0.227			FALSE	TRUE	FALSE	FALSE
Q80XN0	Q9R092	0.227			FALSE	TRUE	FALSE	FALSE
Q8CHS7	Q9CXR1	0.228			FALSE	TRUE	FALSE	FALSE
O35621	Q9Z2M7	0.229			FALSE	TRUE	FALSE	FALSE
P97457	Q9QVP4	0.23			FALSE	TRUE	FALSE	FALSE
O88833	Q9EP75	0.23			FALSE	TRUE	FALSE	FALSE
P49312	Q8BG05	0.23			FALSE	TRUE	FALSE	FALSE
P15116	Q9WTR5	0.23	HET,HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q62418	Q9QXS6	0.23			FALSE	TRUE	FALSE	FALSE
P62071	P63321	0.231			FALSE	TRUE	FALSE	FALSE
B2RSH2	P27601	0.231	HOM		TRUE	FALSE	FALSE	FALSE
P04247	Q9CX80	0.231		HOM	TRUE	FALSE	FALSE	FALSE
O55042	Q9Z0F7	0.232			FALSE	TRUE	FALSE	FALSE
Q60759	Q8JZN5	0.232	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q11011	Q8C129	0.232			FALSE	TRUE	FALSE		FALSE
O89020	P07724	0.233		HOM	TRUE	FALSE	FALSE		FALSE
P62259	P63101	0.234	HOM		TRUE	FALSE	FALSE		TRUE
Q80TZ3	Q8CGB6	0.234			FALSE	TRUE	FALSE		FALSE
O54916	Q9WVK 4	0.235	HET	HET	FALSE	FALSE	FALSE		FALSE
Q8CHQ9	Q9JIY7	0.235			FALSE	TRUE	FALSE		FALSE
O88908	Q9Z2A7	0.236	HET	HOM	TRUE	FALSE	FALSE		FALSE
P97772	Q14BI2	0.236	HOM		TRUE	FALSE	FALSE		FALSE
O88951	Q8JZS0	0.236	HOM		TRUE	FALSE	FALSE		FALSE
Q8CGK3	Q9DBN5	0.237	HOM		TRUE	FALSE	FALSE		FALSE
Q64669	Q9JI75	0.237			FALSE	TRUE	FALSE		FALSE
P35802	P60202	0.237			FALSE	TRUE	FALSE		FALSE
P15626	Q80W21	0.237		HOM	TRUE	FALSE	FALSE		FALSE
P48036	P97429	0.238			FALSE	TRUE	FALSE		FALSE
Q8R081	Q91Z31	0.238			FALSE	TRUE	FALSE		FALSE
Q3UEB3	Q61701	0.239	HOM		TRUE	FALSE	FALSE		FALSE
P42208	Q80UG5	0.239	HOM	HET	TRUE	FALSE	TRUE	1345 Human	Septin complex
Q8BGA9	Q8VC74	0.239			FALSE	TRUE	FALSE		FALSE
Q8VCX1	Q9DCT1	0.24			FALSE	TRUE	FALSE		FALSE
O88545	Q9DCH4	0.24			FALSE	TRUE	FALSE		FALSE
P39447	Q811D0	0.241		HOM	TRUE	FALSE	FALSE		FALSE
P08113	Q9CQN1	0.241	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q3UHU5	Q6NZL0	0.243			FALSE	TRUE	FALSE		FALSE
Q60749	Q9QYS9	0.243	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q91VW3	Q9JJU8	0.243	HOM		TRUE	FALSE	FALSE		FALSE
Q8VCR2	Q9CXR1	0.243			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

P43883	Q9DBG5	0.244		HOM	TRUE	FALSE	FALSE	FALSE
P14211	P35564	0.245			FALSE	TRUE	FALSE	FALSE
Q3TLP5	Q9D7J9	0.245	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q62433	Q9QYF9	0.247			FALSE	TRUE	FALSE	FALSE
P29341	Q61701	0.248			FALSE	TRUE	FALSE	FALSE
Q64518	Q8R429	0.249			FALSE	TRUE	FALSE	FALSE
O70166	P55821	0.249			FALSE	TRUE	FALSE	FALSE
Q7TN29	Q91VZ6	0.25			FALSE	TRUE	FALSE	FALSE
Q91V92	Q9WUM 5	0.251			FALSE	TRUE	FALSE	FALSE
Q60902	Q8BH64	0.251	HET	HOM, HET	TRUE, FALSE	FALSE	FALSE	FALSE
Q8CI94	Q9WUB 3	0.251	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P52792	Q91W97	0.251			FALSE	TRUE	FALSE	FALSE
P14824	P97429	0.252			FALSE	TRUE	FALSE	FALSE
P02469	P97927	0.253			FALSE	TRUE	FALSE	FALSE
Q01063	Q01065	0.253			FALSE	TRUE	FALSE	FALSE
Q80Z24	Q8BLK3	0.253			FALSE	TRUE	FALSE	FALSE
Q922J3	Q9Z0H8	0.254			FALSE	TRUE	FALSE	FALSE
P47941	Q64010	0.255	HOM	HET	TRUE	FALSE	FALSE	FALSE
P17156	P63017	0.255		HOM	TRUE	FALSE	FALSE	FALSE
P26883	Q62446	0.256	HOM		TRUE	FALSE	FALSE	FALSE
Q8BK67	Q8VE37	0.256			FALSE	TRUE	FALSE	FALSE
Q9ESW4	Q9JIA7	0.257			FALSE	TRUE	FALSE	FALSE
P63213	Q61016	0.257	HET		FALSE	FALSE	FALSE	FALSE
P13634	Q9QZA0	0.257			FALSE	TRUE	FALSE	FALSE
P56375	P56376	0.257			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q61016	Q80SZ7	0.257			FALSE	TRUE	FALSE	FALSE
P60766	P84096	0.257	HET		FALSE	FALSE	FALSE	FALSE
Q9ET01	Q9WUB 3	0.258	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P40336	Q8C0E2	0.259	HET		FALSE	FALSE	FALSE	TRUE
Q8BHC1	Q91V41	0.26			FALSE	TRUE	FALSE	FALSE
P14733	P21619	0.26			FALSE	TRUE	FALSE	FALSE
O35465	P30416	0.261	HET	HOM	TRUE	FALSE	FALSE	FALSE
Q91Z61	Q99JI6	0.261			FALSE	TRUE	FALSE	FALSE
Q3UHD9	Q9QWY 8	0.262		HOM	TRUE	FALSE	FALSE	TRUE
P62071	Q9JIW9	0.262		HET	FALSE	FALSE	FALSE	FALSE
Q3TTY5	Q3UV17	0.263			FALSE	TRUE	FALSE	FALSE
P97427	Q62188	0.263	HET	HET	FALSE	FALSE	FALSE	TRUE
Q3U1J4	Q921M3	0.263	HOM		TRUE	FALSE	FALSE	FALSE
O35660	Q80W21	0.263		HOM	TRUE	FALSE	FALSE	FALSE
E9Q401	P11881	0.264			FALSE	TRUE	FALSE	FALSE
P61226	P62835	0.264			FALSE	TRUE	FALSE	FALSE
A2AMM 0	O54724	0.264			FALSE	TRUE	FALSE	FALSE
Q9DBW 0	Q9EP75	0.265			FALSE	TRUE	FALSE	FALSE
O08989	P10833	0.265			FALSE	TRUE	FALSE	FALSE
Q63886	Q64435	0.265			FALSE	TRUE	FALSE	FALSE
Q8R0Y6	Q9CZS1	0.265			FALSE	TRUE	FALSE	FALSE
O35609	Q8K021	0.266			FALSE	TRUE	FALSE	FALSE
Q920L1	Q9Z0R9	0.268			FALSE	TRUE	FALSE	FALSE
Q9D164	Q9Z239	0.268			FALSE	TRUE	FALSE	FALSE
Q3UZZ6	Q9QWG 7	0.269		HOM	TRUE	FALSE	FALSE	FALSE
Q8BLQ9	Q8R5M8	0.27	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P03995	P19246	0.271			FALSE	TRUE	FALSE		FALSE		
P01027	Q61838	0.271	HOM		TRUE	FALSE	FALSE		FALSE		
P05977	P09542	0.271			FALSE	TRUE	FALSE		FALSE		
P62835	Q91Z61	0.271			FALSE	TRUE	FALSE		FALSE		
Q9EQC1	Q9R1J0	0.271			FALSE	TRUE	FALSE		FALSE		
Q8C5Q4	Q9Z2X1	0.272			FALSE	TRUE	FALSE		FALSE		
Q91ZZ3	Q9Z0F7	0.272			FALSE	TRUE	FALSE		FALSE		
Q7TSQ8	Q8CFA2	0.272	HOM		TRUE	FALSE	FALSE		FALSE		
Q8VC52	Q9WVB0	0.275	HOM		TRUE	FALSE	FALSE		FALSE		
Q569Z6	Q8K019	0.276			FALSE	TRUE	FALSE		FALSE		
P61028	Q99P58	0.276	HET		FALSE	FALSE	FALSE		FALSE		
Q8R326	Q8VIJ6	0.278	HET	HOM	TRUE	FALSE	FALSE		FALSE		
Q641P0	Q99JY9	0.278			FALSE	TRUE	FALSE		FALSE		
Q91WC3	Q99PU5	0.279			FALSE	TRUE	FALSE		FALSE		
Q9CWF2	Q9ERD7	0.28	HET		FALSE	FALSE	FALSE		FALSE		
P68372	P99024	0.281	HET	HET	FALSE	FALSE	FALSE		FALSE		
Q8BXX9	Q9QYB1	0.281			FALSE	TRUE	FALSE		FALSE		
P51150	Q9R0M6	0.282			FALSE	TRUE	FALSE		FALSE		
Q9CXY6	Q9Z1X4	0.282	HET	HET	FALSE	FALSE	TRUE	1332,30 55,5183	Human	Large Drosha complex, Nop56p- associated pre-rRNA complex, DNA-PK- Ku-eIF2- NF90- NF45 complex	FALSE
Q64464	Q9DBG1	0.283			FALSE	TRUE	FALSE			FALSE	
P55258	Q9CZT8	0.284			FALSE	TRUE	FALSE			FALSE	

Table S4 Mouse

P32883	P63321	0.285			FALSE	TRUE	FALSE	FALSE
P01027	P28666	0.286	HOM		TRUE	FALSE	FALSE	FALSE
Q6P9R2	Q8BTW9	0.286	HOM	HET	TRUE	FALSE	FALSE	FALSE
Q62093	Q9R0U0	0.286	HOM		TRUE	FALSE	FALSE	FALSE
Q62277	Q8BGN8	0.286	HOM		TRUE	FALSE	FALSE	FALSE
P04117	Q05816	0.287	HOM		TRUE	FALSE	FALSE	FALSE
Q8BLR2	Q8BT60	0.287			FALSE	TRUE	FALSE	FALSE
P17426	P17427	0.287	HET	HET	FALSE	FALSE	FALSE	FALSE
O70433	Q8CI51	0.288			FALSE	TRUE	FALSE	FALSE
O89020	P21614	0.289			FALSE	TRUE	FALSE	FALSE
P68372	Q9ERD7	0.289	HET	HET	FALSE	FALSE	FALSE	FALSE
Q3UVL4	Q71KT5	0.289			FALSE	TRUE	FALSE	FALSE
Q8VCT4	Q8VCU1	0.289			FALSE	TRUE	FALSE	FALSE
Q8CGN5	Q9DBG5	0.29		HOM	TRUE	FALSE	FALSE	FALSE
P26041	P26043	0.29			FALSE	TRUE	FALSE	FALSE
O70325	P46412	0.29		HOM	TRUE	FALSE	FALSE	FALSE
Q8CAY6	Q8QZT1	0.29		HOM	TRUE	FALSE	FALSE	FALSE
P62484	Q8CBW 3	0.291		HET	FALSE	FALSE	FALSE	FALSE
Q8K023	Q8VCX1	0.291	HOM		TRUE	FALSE	FALSE	FALSE
Q62108	Q9JLB0	0.292	HOM		TRUE	FALSE	FALSE	FALSE
P29387	P62881	0.293		HET	FALSE	FALSE	FALSE	FALSE
Q64435	Q8BWQ 1	0.294			FALSE	TRUE	FALSE	FALSE
P05977	Q8CI43	0.294			FALSE	TRUE	FALSE	FALSE
P85094	Q9DCC7	0.295			FALSE	TRUE	FALSE	FALSE
Q810U3	Q810U4	0.295			FALSE	TRUE	FALSE	FALSE
P20108	Q61171	0.295	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P11679	Q3TTY5	0.295			FALSE	TRUE	FALSE	FALSE
Q3TTY5	Q8VED5	0.295			FALSE	TRUE	FALSE	FALSE
P62307	P62313	0.296			FALSE	TRUE	FALSE	FALSE
P15532	Q9WV85	0.296		HOM	TRUE	FALSE	FALSE	FALSE
P09103	Q91W90	0.297	HOM		TRUE	FALSE	FALSE	FALSE
P50428	Q571E4	0.297			FALSE	TRUE	FALSE	FALSE
A2AMM0	Q91VJ2	0.298			FALSE	TRUE	FALSE	FALSE
P27773	Q921X9	0.298	HET		FALSE	FALSE	FALSE	FALSE
P58404	Q9ERG2	0.299			FALSE	TRUE	FALSE	FALSE
P68372	Q9D6F9	0.299	HET	HET	FALSE	FALSE	FALSE	FALSE
Q7TMM9	Q922F4	0.299	HET		FALSE	FALSE	FALSE	FALSE
Q5SX40	Q8VDD5	0.3			FALSE	TRUE	FALSE	FALSE
Q8BH43	Q8R5H6	0.3		HET	FALSE	FALSE	FALSE	FALSE
P62748	Q8BGZ1	0.301	HET		FALSE	FALSE	FALSE	FALSE
Q8VCC2	Q8VCU1	0.301			FALSE	TRUE	FALSE	FALSE
Q9D0F3	Q9DBH5	0.302	HOM		TRUE	FALSE	FALSE	FALSE
O88876	Q99J47	0.302			FALSE	TRUE	FALSE	FALSE
P62141	P63087	0.302			FALSE	TRUE	FALSE	FALSE
O88833	Q9DBW0	0.302			FALSE	TRUE	FALSE	FALSE
Q8VI47	Q9R1S7	0.302			FALSE	TRUE	FALSE	FALSE
P10630	Q91VC3	0.302		HET	FALSE	FALSE	FALSE	FALSE
Q8BGG9	Q9QYR9	0.303			FALSE	TRUE	FALSE	FALSE
P63037	Q9QYJ0	0.303	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P63318	P68404	0.303			FALSE	TRUE	FALSE	FALSE
P21836	Q69ZK9	0.304	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P68510	Q9CQV8	0.304			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1	FALSE
P48318	P48320	0.305	HOM		TRUE	FALSE	FALSE			FALSE
Q80UG5	Q9Z2Q6	0.305	HET	HET	FALSE	FALSE	FALSE			FALSE
Q8K394	Q9Z1B3	0.306			FALSE	TRUE	FALSE			FALSE
B0V2N1	Q64487	0.306	HOM		TRUE	FALSE	FALSE			FALSE
P41216	Q8JZR0	0.307			FALSE	TRUE	FALSE			FALSE
P62761	P84075	0.308		HET	FALSE	FALSE	FALSE			FALSE
Q3UV17	Q8VED5	0.308			FALSE	TRUE	FALSE			FALSE
O70166	P54227	0.308			FALSE	TRUE	FALSE			FALSE
P36371	Q9CXJ4	0.309			FALSE	TRUE	FALSE			FALSE
O70443	P21278	0.31			FALSE	TRUE	FALSE			FALSE
G3X982	Q00519	0.31			FALSE	TRUE	FALSE			FALSE
P46096	Q9R0N5	0.31			FALSE	TRUE	FALSE			FALSE
Q922F4	Q9CWF2	0.31			FALSE	TRUE	FALSE			FALSE
O09043	P18242	0.311	HET	HET	FALSE	FALSE	FALSE			FALSE
P04104	Q3UV17	0.311			FALSE	TRUE	FALSE			FALSE
Q3TLP5	Q9WUR2	0.311	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q9QYB8	Q9QYC0	0.312			FALSE	TRUE	FALSE			FALSE
Q62318	Q9ESN6	0.312			FALSE	TRUE	FALSE			FALSE
P70372	Q3UEB3	0.313	HOM	HOM	TRUE	FALSE	FALSE			FALSE
O88343	Q5DTL9	0.313			FALSE	TRUE	FALSE			FALSE
Q99LD8	Q9CWS0	0.314			FALSE	TRUE	FALSE			FALSE
B2RSH2	P21279	0.315	HOM		TRUE	FALSE	FALSE			FALSE
Q62420	Q9JK48	0.316	HOM	HET	TRUE	FALSE	FALSE			FALSE

Table S4 Mouse

P10833	Q9JIW9	0.317		HET	FALSE	FALSE	FALSE	FALSE
Q922Q1	Q9CW42	0.318			FALSE	TRUE	FALSE	FALSE
P03995	P21619	0.32			FALSE	TRUE	FALSE	FALSE
P68372	Q922F4	0.32	HET		FALSE	FALSE	FALSE	FALSE
Q921I1	Q9DBD0	0.32			FALSE	TRUE	FALSE	FALSE
P08207	P14069	0.321			FALSE	TRUE	FALSE	FALSE
P40124	Q9CYT6	0.322	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P18872	Q9DC51	0.322		HET	FALSE	FALSE	FALSE	FALSE
Q3TWW8	Q6PDM2	0.322	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P19246	P46660	0.323			FALSE	TRUE	FALSE	FALSE
P21836	Q8VCC2	0.323	HOM		TRUE	FALSE	FALSE	FALSE
B2RXS4	Q8CJH3	0.323	HET	HOM	TRUE	FALSE	FALSE	FALSE
O55022	Q80UU9	0.324			FALSE	TRUE	FALSE	FALSE
P63216	Q9DAS9	0.324			FALSE	TRUE	FALSE	FALSE
P70677	P97864	0.325	HOM	HOM	TRUE	FALSE	FALSE	FALSE
A2AMM0	Q63918	0.325			FALSE	TRUE	FALSE	FALSE
P08074	Q8JZV9	0.325	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P13634	P23589	0.325			FALSE	TRUE	FALSE	FALSE
P07356	P97429	0.326	HOM		TRUE	FALSE	FALSE	FALSE
P61226	Q91Z61	0.326			FALSE	TRUE	FALSE	FALSE
Q9DB77	Q9DC61	0.326	HET		FALSE	FALSE	FALSE	FALSE
P14142	P14246	0.327			FALSE	TRUE	FALSE	FALSE
P35278	P35282	0.328			FALSE	TRUE	FALSE	FALSE
P21278	Q9DC51	0.328		HET	FALSE	FALSE	FALSE	FALSE
P53994	Q91V41	0.328			FALSE	TRUE	FALSE	FALSE
Q91Z31	Q921F4	0.328			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q8BYM5	Q8VCC2	0.329	HET		FALSE	FALSE	FALSE	FALSE
Q925N1	Q99JR1	0.329			FALSE	TRUE	FALSE	FALSE
P16015	Q9QZA0	0.33			FALSE	TRUE	FALSE	FALSE
B2RSH2	P18872	0.331	HOM		TRUE	FALSE	FALSE	FALSE
Q8VCX1	Q9JII6	0.332			FALSE	TRUE	FALSE	FALSE
Q9CZY3	Q9D2M8	0.332			FALSE	TRUE	FALSE	FALSE
Q9JJU8	Q9WUZ7	0.333			FALSE	TRUE	FALSE	FALSE
Q63880	Q8VCT4	0.333			FALSE	TRUE	FALSE	FALSE
O54749	P24457	0.333		HOM	TRUE	FALSE	FALSE	FALSE
Q6P5F7	Q9D3A9	0.335			FALSE	TRUE	FALSE	FALSE
Q61425	Q9DBM2	0.337	HOM		TRUE	FALSE	FALSE	FALSE
P21958	Q9JI39	0.338		HOM	TRUE	FALSE	FALSE	FALSE
Q6PGN3	Q9JLM8	0.338			FALSE	TRUE	FALSE	FALSE
P09103	P27773	0.338	HOM	HET	TRUE	FALSE	FALSE	FALSE
P28666	Q61838	0.338			FALSE	TRUE	FALSE	FALSE
Q3UHL1	Q6PHZ2	0.338		HET	FALSE	FALSE	FALSE	FALSE
P68372	Q9CWF2	0.339	HET		FALSE	FALSE	FALSE	FALSE
P84084	Q9D0J4	0.339		HET	FALSE	FALSE	FALSE	FALSE
O35367	P50608	0.34			FALSE	TRUE	FALSE	FALSE
P53994	Q91ZR1	0.34			FALSE	TRUE	FALSE	FALSE
Q8C1B7	Q9R1T4	0.341		HOM	TRUE	FALSE	FALSE	FALSE
Q8BMS1	Q9DBM2	0.342			FALSE	TRUE	FALSE	FALSE
Q5SX39	Q61879	0.342			FALSE	TRUE	FALSE	FALSE
P18872	P21278	0.342			FALSE	TRUE	FALSE	FALSE
O70172	Q91XU3	0.342		HOM	TRUE	FALSE	FALSE	FALSE
P28665	Q61838	0.344			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P50153	P63216	0.346			FALSE	TRUE	FALSE		FALSE
Q8R3V5	Q9JK48	0.346	HET		FALSE	FALSE	FALSE		FALSE
O35728	Q9DBW0	0.346			FALSE	TRUE	FALSE		FALSE
P60764	P60766	0.347	HET		FALSE	FALSE	FALSE		FALSE
Q5SQX6	Q7TMB8	0.347	HET		FALSE	FALSE	FALSE		TRUE
Q8VEK3	Q91VR5	0.348			FALSE	TRUE	TRUE	1332 Human	Large Droscha complex FALSE
P24549	P47738	0.348	HOM		TRUE	FALSE	FALSE		FALSE
O08810	P58252	0.349			FALSE	TRUE	FALSE		FALSE
P84084	Q9WUL7	0.35			FALSE	TRUE	FALSE		FALSE
Q3TMH2	Q9CZC8	0.35			FALSE	TRUE	FALSE		FALSE
Q8VED9	Q9JL15	0.35	HOM		TRUE	FALSE	FALSE		FALSE
P28738	Q61768	0.35	HOM	HOM	TRUE	FALSE	FALSE		TRUE
Q8VCC1	Q91VT4	0.351	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P08074	P50171	0.351	HOM	HOM	TRUE	FALSE	FALSE		FALSE
A2AQ07	Q9ERD7	0.352	HET	HET	FALSE	FALSE	FALSE		FALSE
Q8R238	Q8VBT2	0.352	HOM		TRUE	FALSE	FALSE		FALSE
P70694	Q9DCT1	0.353	HOM		TRUE	FALSE	FALSE		FALSE
Q61233	Q99K51	0.354			FALSE	TRUE	FALSE		FALSE
P70694	Q9JII6	0.355	HOM		TRUE	FALSE	FALSE		FALSE
Q62419	Q62420	0.355		HOM	TRUE	FALSE	FALSE		FALSE
Q9CR58	Q9QZD8	0.355			FALSE	TRUE	FALSE		FALSE
Q5SX40	Q91Z83	0.355			FALSE	TRUE	FALSE		FALSE
P70175	Q91XM9	0.355	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P21981	Q8BH61	0.357	HOM		TRUE	FALSE	FALSE		FALSE
Q9JLB0	Q9WV34	0.358		HOM	TRUE	FALSE	FALSE		FALSE

Table S4 Mouse

P99024	Q7TMM9	0.358	HET	HET	FALSE	FALSE	FALSE		FALSE
Q8BGZ1	Q8BNY6	0.359		HET	FALSE	FALSE	FALSE		FALSE
Q9CXP8	Q9DAS9	0.359			FALSE	TRUE	FALSE		FALSE
P21300	Q9JII6	0.36			FALSE	TRUE	FALSE		FALSE
Q7TMM9	Q9ERD7	0.36	HET	HET	FALSE	FALSE	FALSE		FALSE
P16054	P68404	0.36			FALSE	TRUE	FALSE		FALSE
P50153	Q9DAS9	0.36			FALSE	TRUE	FALSE		FALSE
P61982	P68510	0.362			FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1 FALSE
P53994	Q8BHC1	0.365			FALSE	TRUE	FALSE		FALSE
P28661	Q80UG5	0.365	HET	HET	FALSE	FALSE	FALSE		FALSE
Q8BNY6	Q91X97	0.365	HET	HET	FALSE	FALSE	FALSE		FALSE
P28661	Q9Z2Q6	0.366	HET	HET	FALSE	FALSE	FALSE		FALSE
Q791T5	Q791V5	0.367			FALSE	TRUE	FALSE		FALSE
P56392	Q61387	0.367			FALSE	TRUE	FALSE		FALSE
Q8K023	Q9DCT1	0.368	HOM		TRUE	FALSE	FALSE		FALSE
Q4V9Z5	Q923L3	0.368			FALSE	TRUE	FALSE		FALSE
P70290	Q91XM9	0.368	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P39039	P41317	0.369			FALSE	TRUE	FALSE		FALSE
O89112	Q9JJK2	0.37			FALSE	TRUE	FALSE		FALSE
A3KFM7	Q6PDQ2	0.371	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P16406	Q9EQH2	0.371		HET	FALSE	FALSE	FALSE		FALSE
Q9JJW5	Q9JK37	0.373			FALSE	TRUE	FALSE		FALSE
P21279	Q9DC51	0.373		HET	FALSE	FALSE	FALSE		FALSE
P23589	P28651	0.374			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

P31648	Q61327	0.375			FALSE	TRUE	FALSE	FALSE
P46638	Q91V41	0.376			FALSE	TRUE	FALSE	FALSE
Q8VCC1	Q91X52	0.376	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8BTM8	Q8VHX6	0.377	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q3V009	Q9R0Q3	0.378			FALSE	TRUE	FALSE	FALSE
P24472	P30115	0.378	HOM	HOM	TRUE	FALSE	FALSE	FALSE
O88741	Q8VE33	0.378			FALSE	TRUE	FALSE	FALSE
P62137	P62141	0.38	HOM		TRUE	FALSE	FALSE	FALSE
P50462	Q9DCT8	0.38			FALSE	TRUE	FALSE	FALSE
P50285	P97872	0.381			FALSE	TRUE	FALSE	FALSE
P35235	P54830	0.382			FALSE	TRUE	FALSE	FALSE
Q91V61	Q925N1	0.383			FALSE	TRUE	FALSE	FALSE
O35526	P61264	0.384			FALSE	TRUE	FALSE	FALSE
Q69ZN7	Q9ESD7	0.386			FALSE	TRUE	FALSE	FALSE
Q60759	Q9DBL1	0.386	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8C166	Q9Z140	0.386	HOM		TRUE	FALSE	FALSE	FALSE
P21300	Q8K023	0.386		HOM	TRUE	FALSE	FALSE	FALSE
P58771	Q6IRU2	0.387			FALSE	TRUE	FALSE	FALSE
A2BDX3	Q8VE47	0.387		HOM	TRUE	FALSE	FALSE	FALSE
P84096	Q05144	0.388		HET	FALSE	FALSE	FALSE	FALSE
P56654	Q6XVG2	0.389			FALSE	TRUE	FALSE	FALSE
O35954	P53810	0.389		HOM	TRUE	FALSE	FALSE	FALSE
P10833	Q61411	0.39			FALSE	TRUE	FALSE	FALSE
P45952	Q60759	0.391	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q80Y17	Q8K400	0.391			FALSE	TRUE	FALSE	FALSE
P97384	P97429	0.392			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q9ESN6	Q9R1R2	0.393			FALSE	TRUE	FALSE		FALSE	
P50462	P63254	0.394			FALSE	TRUE	FALSE		FALSE	
P43006	P56564	0.394			FALSE	TRUE	FALSE		FALSE	
Q99J47	Q9EQ06	0.394			FALSE	TRUE	FALSE		FALSE	
Q6NSR8	Q9CPY7	0.395			FALSE	TRUE	FALSE		FALSE	
Q8BSL7	Q9CQW 2	0.395			FALSE	TRUE	FALSE		FALSE	
Q60930	Q60931	0.395			FALSE	TRUE	FALSE		FALSE	
Q91V41	Q91ZR1	0.395			FALSE	TRUE	FALSE		FALSE	
P63101	P68510	0.396			FALSE	TRUE	FALSE		TRUE	
P40237	Q8BJU2	0.396			FALSE	TRUE	FALSE		FALSE	
Q61694	Q9EQC1	0.396			FALSE	TRUE	FALSE		FALSE	
P14733	P19246	0.396			FALSE	TRUE	FALSE		FALSE	
P97384	Q07076	0.397			FALSE	TRUE	FALSE		FALSE	
Q6X893	Q8BY89	0.397			FALSE	TRUE	FALSE		FALSE	
Q9WV34	Q9Z0U1	0.397	HOM	HOM	TRUE	FALSE	FALSE		FALSE	
P30416	Q62446	0.398	HOM		TRUE	FALSE	FALSE		FALSE	
P63011	Q9CZT8	0.399			FALSE	TRUE	FALSE		FALSE	
P46638	Q91ZR1	0.4			FALSE	TRUE	FALSE		FALSE	
P61226	Q99JI6	0.4			FALSE	TRUE	FALSE		FALSE	
O88602	Q9JIV5	0.4			FALSE	TRUE	FALSE		FALSE	
P10649	P19157	0.4		HOM	TRUE	FALSE	FALSE		FALSE	
Q8BLK3	Q99PJ0	0.403			FALSE	TRUE	FALSE		FALSE	
P84091	Q9JKC8	0.403	HET	HET	FALSE	FALSE	FALSE		FALSE	
Q9D4H8	Q9JLV5	0.403	HET	HOM, HET	TRUE, FALSE	FALSE	TRUE	2715 Human	Ubiquitin E3 ligase	FALSE
Q64458	Q6XVG2	0.403			FALSE	TRUE	FALSE		FALSE	

Table S4 Mouse

P02469	Q60675	0.404		HOM	TRUE	FALSE	FALSE	FALSE
Q922F4	Q9D6F9	0.405		HET	FALSE	FALSE	FALSE	FALSE
Q91VR7	Q9CQV6	0.406	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q07417	Q60759	0.406	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8CIB5	Q8K1B8	0.406			FALSE	TRUE	FALSE	FALSE
P21995	P97300	0.406			FALSE	TRUE	FALSE	FALSE
O88569	P49312	0.407			FALSE	TRUE	FALSE	FALSE
Q5FWK3	Q91Z67	0.408	HET	HET	FALSE	FALSE	FALSE	FALSE
P62874	P62881	0.409	HET	HET	FALSE	FALSE	FALSE	FALSE
B0V2N1	P18052	0.41	HOM		TRUE	FALSE	FALSE	FALSE
P19639	Q80W21	0.41		HOM	TRUE	FALSE	FALSE	FALSE
Q91XM9	Q9JLB0	0.41	HOM		TRUE	FALSE	FALSE	FALSE
O89086	Q91VM5	0.411			FALSE	TRUE	FALSE	FALSE
Q61361	Q9ESM3	0.412			FALSE	TRUE	FALSE	FALSE
P12849	Q9DBC7	0.413			FALSE	TRUE	FALSE	FALSE
Q3ULF4	Q920A7	0.413	HET		FALSE	FALSE	FALSE	FALSE
Q8QZR3	Q8VCT4	0.414			FALSE	TRUE	FALSE	FALSE
P63216	Q9CXP8	0.415			FALSE	TRUE	FALSE	FALSE
Q505F5	Q9WUA 2	0.415		HOM	TRUE	FALSE	FALSE	FALSE
P49312	Q9CX86	0.415			FALSE	TRUE	FALSE	FALSE
O54991	Q9CS84	0.416		HET	FALSE	FALSE	FALSE	FALSE
Q8BWN 8	Q91X34	0.416			FALSE	TRUE	FALSE	FALSE
P63213	P63216	0.417	HET		FALSE	FALSE	FALSE	FALSE
Q8JZN5	Q9DBL1	0.417		HOM	TRUE	FALSE	FALSE	FALSE
P23953	Q8QZR3	0.418			FALSE	TRUE	FALSE	FALSE
O88346	P50752	0.419			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q9QZD9	Q9Z1Z2	0.42	HET		FALSE	FALSE	FALSE	FALSE
Q91V64	Q9DCC7	0.42			FALSE	TRUE	FALSE	FALSE
Q8BHC1	Q91ZR1	0.42			FALSE	TRUE	FALSE	FALSE
P21300	Q9DCT1	0.421			FALSE	TRUE	FALSE	FALSE
P56371	Q91V41	0.422	HET		FALSE	FALSE	FALSE	FALSE
P60766	P63001	0.422	HET		FALSE	FALSE	FALSE	FALSE
Q68FL4	Q80SW1	0.422			FALSE	TRUE	FALSE	FALSE
Q8BG73	Q91VW3	0.426		HOM	TRUE	FALSE	FALSE	FALSE
Q8CFA2	Q9DBT9	0.428	HOM		TRUE	FALSE	FALSE	FALSE
P13542	Q02566	0.428			FALSE	TRUE	FALSE	FALSE
P47738	Q8R0Y6	0.429	HOM		TRUE	FALSE	FALSE	FALSE
O88712	Q61753	0.429	HET	HOM	TRUE	FALSE	FALSE	FALSE
P97315	Q9DCT8	0.43			FALSE	TRUE	FALSE	FALSE
P05063	P05064	0.43			FALSE	TRUE	FALSE	FALSE
P13634	P16015	0.431			FALSE	TRUE	FALSE	FALSE
P63005	Q6PE01	0.431	HOM		TRUE	FALSE	FALSE	FALSE
Q80XI4	Q91XU3	0.431		HOM	TRUE	FALSE	FALSE	FALSE
Q6PFD5	Q9D415	0.431			FALSE	TRUE	FALSE	TRUE
P07934	Q9JLM8	0.431	HET		FALSE	FALSE	FALSE	FALSE
Q3UVX5	Q9QYS2	0.432			FALSE	TRUE	FALSE	FALSE
Q80ZJ1	Q91Z61	0.432	HOM		TRUE	FALSE	FALSE	FALSE
Q8VC28	Q9DCT1	0.433	HOM		TRUE	FALSE	FALSE	FALSE
O35609	Q9JKD3	0.433			FALSE	TRUE	FALSE	FALSE
P07758	Q00898	0.433	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P46638	Q8BHC1	0.433			FALSE	TRUE	FALSE	FALSE
P61021	Q9CQD1	0.435			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P19157	P19639	0.436	HOM		TRUE	FALSE	FALSE	FALSE
Q99P72	Q9ES97	0.436			FALSE	TRUE	FALSE	FALSE
P97821	Q99JR5	0.436	HET		FALSE	FALSE	FALSE	FALSE
O54829	Q9Z2H2	0.436			FALSE	TRUE	FALSE	FALSE
Q5PR73	Q91Z61	0.436			FALSE	TRUE	FALSE	FALSE
Q6PIC6	Q8VDN2	0.437			FALSE	TRUE	FALSE	FALSE
O35737	P70333	0.437			FALSE	TRUE	FALSE	FALSE
Q9D1E6	Q9Z0H8	0.438	HET		FALSE	FALSE	FALSE	FALSE
O09158	Q64464	0.438			FALSE	TRUE	FALSE	FALSE
Q8BGG9	Q91X34	0.438			FALSE	TRUE	FALSE	FALSE
P30275	Q04447	0.439			FALSE	TRUE	FALSE	FALSE
P32883	Q61411	0.439			FALSE	TRUE	FALSE	FALSE
Q69ZK9	Q8BYM 5	0.44	HET		FALSE	FALSE	FALSE	FALSE
P63254	Q9DCT8	0.44			FALSE	TRUE	FALSE	FALSE
Q8R1V4	Q99KF1	0.441			FALSE	TRUE	FALSE	FALSE
O88990	Q62261	0.441	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q60759	Q9JHI5	0.442	HOM		TRUE	FALSE	FALSE	FALSE
O35945	P24549	0.442			FALSE	TRUE	FALSE	FALSE
P61750	P84084	0.442			FALSE	TRUE	FALSE	FALSE
P52430	Q62086	0.442			FALSE	TRUE	FALSE	FALSE
Q80X90	Q8BTM8	0.444		HOM	TRUE	FALSE	FALSE	FALSE
P10639	Q8CDN6	0.444	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
P99024	Q9CWF2	0.445	HET		FALSE	FALSE	FALSE	FALSE
P50396	Q61598	0.445	HET	HET	FALSE	FALSE	FALSE	FALSE
P07356	P97384	0.445	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P28651	Q9WVT6	0.447			FALSE	TRUE	FALSE	FALSE
P46096	Q9R0N7	0.448	HET		FALSE	FALSE	FALSE	FALSE
P62823	Q99P58	0.448	HET		FALSE	FALSE	FALSE	FALSE
Q62159	Q9QUI0	0.448			FALSE	TRUE	FALSE	FALSE
P48193	Q8BGS1	0.449			FALSE	TRUE	FALSE	FALSE
P70175	Q62108	0.449	HOM	HOM	TRUE	FALSE	FALSE	TRUE
O35639	P97384	0.45			FALSE	TRUE	FALSE	FALSE
P10649	Q80W21	0.45	HOM		TRUE	FALSE	FALSE	FALSE
P84075	Q91X97	0.45	HET	HET	FALSE	FALSE	FALSE	FALSE
P14824	Q07076	0.45			FALSE	TRUE	FALSE	FALSE
Q8CEE7	Q9ERI6	0.45			FALSE	TRUE	FALSE	FALSE
P27601	Q9DC51	0.451	HET		FALSE	FALSE	FALSE	FALSE
O88492	Q9DBG5	0.452	HOM		TRUE	FALSE	FALSE	FALSE
P50153	Q9CXP8	0.452			FALSE	TRUE	FALSE	FALSE
P10605	Q99JR5	0.452	HET		FALSE	FALSE	FALSE	FALSE
P84078	Q9WUL7	0.453			FALSE	TRUE	FALSE	FALSE
P26516	Q9DCH4	0.454			FALSE	TRUE	FALSE	FALSE
P21958	Q9CXJ4	0.454			FALSE	TRUE	FALSE	FALSE
Q8JZQ2	Q920A7	0.454	HET		FALSE	FALSE	FALSE	FALSE
Q61644	Q9WVE8	0.454	HET		FALSE	FALSE	FALSE	FALSE
Q8BK48	Q8VCU1	0.455			FALSE	TRUE	FALSE	FALSE
P61226	Q5PR73	0.455			FALSE	TRUE	FALSE	FALSE
P68372	Q7TMM 9	0.455	HET	HET	FALSE	FALSE	FALSE	FALSE
P23953	Q8VCU1	0.455			FALSE	TRUE	FALSE	FALSE
Q8BGG9	Q8BWN 8	0.456			FALSE	TRUE	FALSE	FALSE
P07901	P08113	0.456	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P70175	Q9WV34	0.456	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P03995	P46660	0.456			FALSE	TRUE	FALSE	FALSE
Q8BGY7	Q9D8B6	0.456			FALSE	TRUE	FALSE	FALSE
O09158	Q9DBG1	0.457			FALSE	TRUE	FALSE	FALSE
P61458	Q9CZL5	0.458	HOM	HOM	TRUE	FALSE	FALSE	TRUE
P08752	P18872	0.458			FALSE	TRUE	FALSE	FALSE
Q9CR51	Q9WTT4	0.459			FALSE	TRUE	FALSE	FALSE
Q3THG9	Q9R0Q7	0.462			FALSE	TRUE	FALSE	FALSE
Q61016	Q9CXP8	0.462			FALSE	TRUE	FALSE	FALSE
Q8R574	Q9D7G0	0.463		HOM	TRUE	FALSE	FALSE	FALSE
Q91Z38	Q9CZW5	0.463	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8BWT1	Q8CAY6	0.463			FALSE	TRUE	FALSE	FALSE
P68134	Q8BFZ3	0.464			FALSE	TRUE	FALSE	FALSE
Q61330	Q810U3	0.465			FALSE	TRUE	FALSE	FALSE
Q9D6F9	Q9ERD7	0.465	HET	HET	FALSE	FALSE	FALSE	FALSE
P62823	Q9CZT8	0.466			FALSE	TRUE	FALSE	FALSE
P23953	Q8BK48	0.466			FALSE	TRUE	FALSE	FALSE
Q7TQ48	Q9Z0R4	0.467	HET	HET	FALSE	FALSE	FALSE	FALSE
P50608	Q9JK53	0.468			FALSE	TRUE	FALSE	FALSE
Q6PHN9	Q9D1G1	0.469			FALSE	TRUE	FALSE	FALSE
P57722	Q61990	0.47			FALSE	TRUE	FALSE	FALSE
Q71RI9	Q8BTY1	0.47	HOM		TRUE	FALSE	FALSE	FALSE
P62331	Q9WUL7	0.471	HOM		TRUE	FALSE	FALSE	FALSE
A2AQ07	Q922F4	0.471	HET		FALSE	FALSE	FALSE	FALSE
O54749	P11714	0.472		HOM	TRUE	FALSE	FALSE	FALSE
Q8BGA8	Q9QXG4	0.474			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q8CHS7	Q8VCR2	0.474			FALSE	TRUE	FALSE	FALSE
Q3TES0	Q8R0S2	0.474	HOM		TRUE	FALSE	FALSE	FALSE
O88451	Q80XN0	0.475			FALSE	TRUE	FALSE	FALSE
P57722	P61979	0.476	HOM		TRUE	FALSE	FALSE	FALSE
Q9QYB5	Q9QYB8	0.476			FALSE	TRUE	FALSE	FALSE
P31001	P48678	0.478	HOM		TRUE	FALSE	FALSE	FALSE
P14873	Q9QYR6	0.478			FALSE	TRUE	FALSE	FALSE
Q6PDL0	Q8R1Q8	0.479	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P33267	Q64458	0.479			FALSE	TRUE	FALSE	FALSE
P61750	Q9D0J4	0.479	HET		FALSE	FALSE	FALSE	FALSE
Q8BLR2	Q8C166	0.479	HOM		TRUE	FALSE	FALSE	FALSE
P21300	P70694	0.48	HOM		TRUE	FALSE	FALSE	FALSE
Q62108	Q9Z0U1	0.48	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P24456	P24457	0.481	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P56656	Q6XVG2	0.481			FALSE	TRUE	FALSE	FALSE
A2ASZ8	Q8BMD 8	0.482			FALSE	TRUE	FALSE	FALSE
Q61879	Q9JMH9	0.482			FALSE	TRUE	FALSE	FALSE
Q6GV12	Q99J47	0.483			FALSE	TRUE	FALSE	FALSE
Q811D0	Q9WV34	0.484	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8C854	Q9D0E1	0.484			FALSE	TRUE	FALSE	FALSE
P00329	Q9QYY9	0.484	HOM		TRUE	FALSE	FALSE	FALSE
Q8BGA8	Q91VA0	0.484			FALSE	TRUE	FALSE	FALSE
Q8BLR2	Q9Z140	0.485			FALSE	TRUE	FALSE	FALSE
Q62318	Q9R1R2	0.486			FALSE	TRUE	FALSE	FALSE
Q3U0V1	Q91WJ8	0.486	HET		FALSE	FALSE	FALSE	FALSE
P21836	Q8BYM 5	0.486	HOM	HET	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

P63085	Q63844	0.486	HOM	HOM	TRUE	FALSE	TRUE	5227,67 99,6800 ,6801,6 802	Mouse,Hu man	p14-Mp1- Erk1/2 complex, VEGFR2- S1PR1- ERK1/2- PKC- alpha complex, VEGFR2- S1PR2- ERK1/2- PKC- alpha complex, VEGFR2- S1PR3- ERK1/2- PKC- alpha complex, VEGFR2- S1PR5- ERK1/2- PKC- alpha complex	FALSE
O35488	Q4LDG0	0.489			FALSE	TRUE	FALSE				FALSE
Q5DQR4	Q80Y17	0.489			FALSE	TRUE	FALSE				FALSE
Q60931	Q60932	0.49			FALSE	TRUE	FALSE				FALSE
Q8C3X2	Q9CXD6	0.491			FALSE	TRUE	FALSE				FALSE
P21958	P36371	0.491			FALSE	TRUE	FALSE				FALSE
P97742	Q9DC50	0.491	HOM		TRUE	FALSE	FALSE				FALSE
P21300	Q8VCX1	0.492			FALSE	TRUE	FALSE				FALSE
P61028	P62823	0.493			FALSE	TRUE	FALSE				FALSE
O35945	Q9CZS1	0.493			FALSE	TRUE	FALSE				FALSE
P09103	Q921X9	0.493	HOM		TRUE	FALSE	FALSE				FALSE
Q9QYB1	Q9Z1Q5	0.495		HOM	TRUE	FALSE	FALSE				FALSE
Q7TMM 9	Q9D6F9	0.495	HET	HET	FALSE	FALSE	FALSE				FALSE

Table S4 Mouse

P48758	Q8K354	0.495			FALSE	TRUE	FALSE	FALSE
P18654	Q60823	0.496			FALSE	TRUE	FALSE	FALSE
Q3UHD9	Q7SIG6	0.497			FALSE	TRUE	FALSE	FALSE
P10605	Q9WUU 7	0.497	HET		FALSE	FALSE	FALSE	FALSE
O88428	Q60967	0.498			FALSE	TRUE	FALSE	FALSE
P10649	P15626	0.498			FALSE	TRUE	FALSE	FALSE
P29699	Q9QXC1	0.5			FALSE	TRUE	FALSE	FALSE
O70161	Q80XI4	0.5			FALSE	TRUE	FALSE	FALSE
Q8QZR3	Q91WG0	0.501			FALSE	TRUE	FALSE	FALSE
P60764	P63001	0.502			FALSE	TRUE	FALSE	FALSE
P61027	Q9CZT8	0.502			FALSE	TRUE	FALSE	FALSE
Q62465	Q80TB8	0.502	HOM		TRUE	FALSE	FALSE	FALSE
Q6PER3	Q8R001	0.502			FALSE	TRUE	FALSE	FALSE
O70571	Q8BFP9	0.503	HOM		TRUE	FALSE	FALSE	FALSE
Q3UEG6	Q8BWU 8	0.503			FALSE	TRUE	FALSE	FALSE
Q61166	Q8R001	0.505			FALSE	TRUE	FALSE	FALSE
Q99JF8	Q9JMG7	0.505			FALSE	TRUE	FALSE	FALSE
P50171	Q8VCC1	0.506	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P13542	Q6URW 6	0.507			FALSE	TRUE	FALSE	FALSE
P12815	Q6P069	0.507	HOM		TRUE	FALSE	FALSE	FALSE
Q5H8C4	Q8BX70	0.507			FALSE	TRUE	FALSE	FALSE
O35660	P10649	0.508			FALSE	TRUE	FALSE	FALSE
P24549	Q8R0Y6	0.508			FALSE	TRUE	FALSE	FALSE
Q8BT60	Q8C166	0.508	HOM		TRUE	FALSE	FALSE	FALSE
P13541	Q5SX39	0.508			FALSE	TRUE	FALSE	FALSE
O09161	O09165	0.509	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q99J47	Q9CXR1	0.51			FALSE	TRUE	FALSE	FALSE
P47857	Q9WUA 3	0.51	HET	HET	FALSE	FALSE	FALSE	FALSE
P15626	P19639	0.511			FALSE	TRUE	FALSE	FALSE
P07724	P21614	0.511	HOM		TRUE	FALSE	FALSE	FALSE
P62748	Q91X97	0.513	HET	HET	FALSE	FALSE	FALSE	FALSE
P01027	P28665	0.514	HOM		TRUE	FALSE	FALSE	FALSE
Q9QXD1	Q9R0H0	0.514			FALSE	TRUE	FALSE	FALSE
Q8K009	Q8R0Y6	0.514			FALSE	TRUE	FALSE	FALSE
P19221	P20918	0.515		HOM	TRUE	FALSE	FALSE	FALSE
Q6P1F6	Q925E7	0.516	HET	HET	FALSE	FALSE	FALSE	FALSE
Q61166	Q6PER3	0.516			FALSE	TRUE	FALSE	FALSE
O08553	Q62188	0.516	HOM	HET	TRUE	FALSE	FALSE	FALSE
Q2NL51	Q9WV60	0.516			FALSE	TRUE	FALSE	FALSE
P11714	P24457	0.517	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q64458	Q91W64	0.517			FALSE	TRUE	FALSE	FALSE
O70443	Q9DC51	0.518		HET	FALSE	FALSE	FALSE	FALSE
P63168	Q9D0M5	0.518		HOM	TRUE	FALSE	FALSE	FALSE
P50608	P51885	0.518			FALSE	TRUE	FALSE	FALSE
Q5FW57	Q91XE0	0.518			FALSE	TRUE	FALSE	FALSE
Q91ZE0	Q924Y0	0.518		HOM	TRUE	FALSE	FALSE	FALSE
P23953	Q63880	0.519			FALSE	TRUE	FALSE	FALSE
P60521	Q9CQV6	0.519	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q3ULF4	Q8JZQ2	0.519	HET	HET	FALSE	FALSE	FALSE	FALSE
P12815	Q8BFY6	0.519	HOM	HET	TRUE	FALSE	TRUE	6375 Human PEF1- ALG2 complex FALSE
O88876	Q9CXR1	0.519			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P70694	Q8K023	0.52	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P63040	P84086	0.52			FALSE	TRUE	FALSE	FALSE
Q8BGT8	Q8K0S0	0.52			FALSE	TRUE	FALSE	FALSE
P19246	P21619	0.521			FALSE	TRUE	FALSE	FALSE
P97447	Q8CI51	0.521			FALSE	TRUE	FALSE	FALSE
P14733	P20152	0.521			FALSE	TRUE	FALSE	FALSE
P70297	Q5SRX1	0.521			FALSE	TRUE	FALSE	FALSE
Q80Z24	Q99PJ0	0.522			FALSE	TRUE	FALSE	FALSE
O70443	P18872	0.523			FALSE	TRUE	FALSE	FALSE
O55028	Q9JK42	0.523		HOM	TRUE	FALSE	FALSE	FALSE
Q8CI51	Q9R059	0.526			FALSE	TRUE	FALSE	FALSE
Q3TMH2	Q8VCA8	0.526			FALSE	TRUE	FALSE	FALSE
P84075	Q8BGZ1	0.527	HET		FALSE	FALSE	FALSE	FALSE
Q9ESM3	Q9QUP5	0.527			FALSE	TRUE	FALSE	FALSE
P62761	Q8BGZ1	0.529			FALSE	TRUE	FALSE	FALSE
O35660	P19639	0.53			FALSE	TRUE	FALSE	FALSE
P97927	Q60675	0.531		HOM	TRUE	FALSE	FALSE	FALSE
Q60930	Q60932	0.531			FALSE	TRUE	FALSE	FALSE
P52430	Q62087	0.531			FALSE	TRUE	FALSE	FALSE
O08807	P35700	0.532	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q6ZQ82	Q91YM2	0.532			FALSE	TRUE	FALSE	FALSE
P23818	Q9Z2W9	0.533	HET	HET	FALSE	FALSE	FALSE	FALSE
P61226	Q80ZJ1	0.533		HOM	TRUE	FALSE	FALSE	FALSE
Q8C052	Q9QYR6	0.533			FALSE	TRUE	FALSE	FALSE
P62761	Q91X97	0.534		HET	FALSE	FALSE	FALSE	FALSE
Q8R5M8	Q99N28	0.534		HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q35945	Q8R0Y6	0.535			FALSE	TRUE	FALSE		FALSE
P22599	Q00897	0.535	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P35585	P84091	0.535	HET	HET	FALSE	FALSE	FALSE		FALSE
P35282	Q9CQD1	0.536			FALSE	TRUE	FALSE		FALSE
Q02566	Q6URW 6	0.536			FALSE	TRUE	FALSE		FALSE
O35639	P48036	0.537			FALSE	TRUE	FALSE		FALSE
P20065	Q6ZWY8	0.537			FALSE	TRUE	FALSE		FALSE
Q9JKB1	Q9R0P9	0.538	HET	HET	FALSE	FALSE	FALSE		FALSE
Q91VA0	Q9QXG4	0.539			FALSE	TRUE	FALSE		FALSE
P99024	Q9D6F9	0.54	HET	HET	FALSE	FALSE	FALSE		FALSE
P08228	Q9WU84	0.541	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q62188	Q9EQF6	0.541	HET	HET	FALSE	FALSE	FALSE		TRUE
Q9JLB0	Q9Z0U1	0.542		HOM	TRUE	FALSE	FALSE		FALSE
P61290	P97371	0.543			FALSE	TRUE	FALSE		FALSE
Q64459	Q9DBG1	0.543			FALSE	TRUE	FALSE		FALSE
O88876	Q9EQ06	0.544			FALSE	TRUE	FALSE		FALSE
P35438	Q9Z2W9	0.546	HET	HET	FALSE	FALSE	FALSE		FALSE
P35278	Q9CQD1	0.547			FALSE	TRUE	FALSE		FALSE
P51658	Q80XN0	0.548			FALSE	TRUE	FALSE		FALSE
Q80U63	Q811U4	0.548	HET	HOM	TRUE	FALSE	FALSE		TRUE
P07758	Q00897	0.548	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P22723	P62812	0.548			FALSE	TRUE	TRUE	5809 Human	GABAA receptor
P10649	P19639	0.548			FALSE	TRUE	FALSE		FALSE
P35585	Q9JKC8	0.55	HET	HET	FALSE	FALSE	FALSE		FALSE
P12658	Q08331	0.553			FALSE	TRUE	FALSE		FALSE
P33587	Q61646	0.553			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

P35762	P40237	0.553	HOM		TRUE	FALSE	FALSE	FALSE
P15626	P19157	0.554		HOM	TRUE	FALSE	FALSE	FALSE
Q91XE0	Q9DCY0	0.556			FALSE	TRUE	FALSE	FALSE
O88451	Q9R092	0.556			FALSE	TRUE	FALSE	FALSE
P35282	P61021	0.557			FALSE	TRUE	FALSE	FALSE
P21300	Q8VC28	0.557		HOM	TRUE	FALSE	FALSE	FALSE
P03995	P08551	0.557			FALSE	TRUE	FALSE	FALSE
Q9EQP2	Q9WVK 4	0.558	HET	HET	FALSE	FALSE	FALSE	FALSE
P45878	Q9D1M7	0.558			FALSE	TRUE	FALSE	FALSE
P06909	Q01339	0.559		HET	FALSE	FALSE	FALSE	FALSE
P07356	P14824	0.561	HOM		TRUE	FALSE	FALSE	FALSE
P28653	P50608	0.564			FALSE	TRUE	FALSE	FALSE
P70402	Q3KNY0	0.564			FALSE	TRUE	FALSE	FALSE
Q8BH64	Q9EQP2	0.565	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE	FALSE
P50608	Q99MQ4	0.566			FALSE	TRUE	FALSE	FALSE
P09542	Q8CI43	0.566			FALSE	TRUE	FALSE	FALSE
P23818	P35438	0.566	HET	HET	FALSE	FALSE	FALSE	TRUE
P28652	Q3UHL1	0.567			FALSE	TRUE	FALSE	FALSE
P47809	Q63932	0.567			FALSE	TRUE	FALSE	FALSE
P51830	P84309	0.567			FALSE	TRUE	FALSE	FALSE
P08074	Q91X52	0.568	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q6URW 6	Q91Z83	0.568			FALSE	TRUE	FALSE	FALSE
P29387	Q8CGF6	0.57			FALSE	TRUE	FALSE	FALSE
Q8C1B7	Q8CHH9	0.57		HET	FALSE	FALSE	FALSE	FALSE
P61164	Q8R5C5	0.57			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

Q3ULD5	Q99MN9	0.57			FALSE	TRUE	FALSE	FALSE
P56593	Q6XVG2	0.571			FALSE	TRUE	FALSE	FALSE
O70250	P15327	0.572	HOM		TRUE	FALSE	FALSE	FALSE
P61982	P63101	0.572			FALSE	TRUE	FALSE	TRUE
P24721	P34927	0.572			FALSE	TRUE	FALSE	FALSE
A2AQP0	Q5SX40	0.573			FALSE	TRUE	FALSE	FALSE
Q8VCZ9	Q9WU79	0.573			FALSE	TRUE	FALSE	FALSE
P24549	Q8K009	0.573			FALSE	TRUE	FALSE	FALSE
P16015	P23589	0.573			FALSE	TRUE	FALSE	FALSE
Q8R464	Q99N28	0.574	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q925N0	Q925N1	0.575			FALSE	TRUE	FALSE	FALSE
Q8BK48	Q91WG0	0.575			FALSE	TRUE	FALSE	FALSE
A2AQP0	Q02566	0.576			FALSE	TRUE	FALSE	FALSE
Q3UHL1	Q923T9	0.576			FALSE	TRUE	FALSE	FALSE
P61205	P62331	0.577	HOM		TRUE	FALSE	FALSE	FALSE
Q8BG39	Q9JIS5	0.577			FALSE	TRUE	FALSE	FALSE
Q3TJD7	Q9R059	0.58			FALSE	TRUE	FALSE	FALSE
O35728	Q91WL5	0.58			FALSE	TRUE	FALSE	FALSE
P99024	Q922F4	0.58	HET		FALSE	FALSE	FALSE	FALSE
P26150	Q9R1J0	0.58			FALSE	TRUE	FALSE	FALSE
P23927	Q99PR8	0.583	HOM		TRUE	FALSE	FALSE	FALSE
Q91WL5	Q9EP75	0.584			FALSE	TRUE	FALSE	FALSE
P14094	P14231	0.585			FALSE	TRUE	FALSE	FALSE
Q6PIC6	Q6PIE5	0.585			FALSE	TRUE	FALSE	FALSE
Q8BGT5	Q8QZR5	0.585			FALSE	TRUE	FALSE	FALSE
Q9CXE7	Q9R0Q3	0.585			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

A2AKK5	Q8BWN8	0.586		FALSE	TRUE	FALSE		FALSE
Q99JR5	Q9WUU7	0.586		FALSE	TRUE	FALSE		FALSE
P48453	P63328	0.586		FALSE	TRUE	FALSE		FALSE
P63213	Q9CXP8	0.586	HET	FALSE	FALSE	FALSE		FALSE
P49442	Q9Z0S1	0.586		FALSE	TRUE	FALSE		FALSE
Q62452	Q63886	0.587		FALSE	TRUE	FALSE		FALSE
Q8BH59	Q9D6M3	0.587		FALSE	TRUE	FALSE		FALSE
P08074	Q99LB2	0.587	HOM	TRUE	FALSE	FALSE		FALSE
P61982	Q9CQV8	0.588		FALSE	TRUE	TRUE	5199 Human	Kinase maturation complex 1 FALSE
Q9JL3	Q9QXZ6	0.588		FALSE	TRUE	FALSE		FALSE
P70402	Q5XKE0	0.589		FALSE	TRUE	FALSE		FALSE
Q99JB8	Q9WVE8	0.589	HOM	TRUE	FALSE	FALSE		FALSE
Q61016	Q9DAS9	0.589		FALSE	TRUE	FALSE		FALSE
P08551	P46660	0.59		FALSE	TRUE	FALSE		FALSE
P97447	Q3TJD7	0.59		FALSE	TRUE	FALSE		FALSE
P11588	Q5FW60	0.592		FALSE	TRUE	FALSE		FALSE
O88833	Q91WL5	0.593		FALSE	TRUE	FALSE		FALSE
B2RQC6	Q8C196	0.594	HOM	TRUE	FALSE	FALSE		FALSE
P70694	Q8VCX1	0.594	HOM	TRUE	FALSE	FALSE		FALSE
P48771	P56392	0.594		FALSE	TRUE	FALSE		FALSE
Q3UNX5	Q8BGA8	0.594		FALSE	TRUE	FALSE		FALSE
P28654	P50608	0.595		FALSE	TRUE	FALSE		FALSE
P62835	Q5PR73	0.595		FALSE	TRUE	FALSE		FALSE
P97447	Q9R059	0.596		FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

Q8JZN5	Q9JHI5	0.597			FALSE	TRUE	FALSE	FALSE
P28474	Q9QYY9	0.597	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P11798	Q3UHL1	0.598			FALSE	TRUE	FALSE	FALSE
P62748	P84075	0.598	HET	HET	FALSE	FALSE	FALSE	FALSE
P18760	Q9R0P5	0.599			FALSE	TRUE	FALSE	FALSE
P63216	Q61016	0.599			FALSE	TRUE	FALSE	FALSE
Q3UP75	Q8JZZ0	0.599			FALSE	TRUE	FALSE	FALSE
Q8CHH9	Q9R1T4	0.599	HET	HOM	TRUE	FALSE	FALSE	FALSE
P26150	Q9EQC1	0.599			FALSE	TRUE	FALSE	FALSE
Q63880	Q91WG0	0.599			FALSE	TRUE	FALSE	FALSE
P07356	P48036	0.602	HOM		TRUE	FALSE	FALSE	FALSE
Q05421	Q6XVG2	0.602			FALSE	TRUE	FALSE	FALSE
O70172	Q80XI4	0.604			FALSE	TRUE	FALSE	FALSE
O35639	P14824	0.607			FALSE	TRUE	FALSE	FALSE
O88876	Q8VCR2	0.607			FALSE	TRUE	FALSE	FALSE
P22599	Q00898	0.608	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q62420	Q8R3V5	0.61	HOM		TRUE	FALSE	FALSE	FALSE
P33267	P56654	0.611			FALSE	TRUE	FALSE	FALSE
P97447	Q9JKS4	0.611			FALSE	TRUE	FALSE	FALSE
Q9ET78	Q9ET80	0.611			FALSE	TRUE	FALSE	FALSE
O88533	P48318	0.611	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9ET54	Q9JIF9	0.612			FALSE	TRUE	FALSE	FALSE
O70622	Q9ES97	0.612			FALSE	TRUE	FALSE	FALSE
O55143	Q8VDN2	0.614			FALSE	TRUE	FALSE	FALSE
P01029	P28665	0.615			FALSE	TRUE	FALSE	FALSE
Q8BXB6	Q9JL3	0.615			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P97927	Q61292	0.615			FALSE	TRUE	FALSE		FALSE
P24549	Q9CZS1	0.615			FALSE	TRUE	FALSE		FALSE
O88952	Q8JZS0	0.616			FALSE	TRUE	FALSE		FALSE
P18872	P21279	0.616			FALSE	TRUE	FALSE		FALSE
O55028	O70571	0.617			FALSE	TRUE	FALSE		FALSE
P47199	Q9DCS3	0.617	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P49817	Q9WVC3	0.617		HOM	TRUE	FALSE	FALSE		FALSE
A2AQP0	Q91Z83	0.618			FALSE	TRUE	FALSE		FALSE
P21956	Q61147	0.619			FALSE	TRUE	FALSE		FALSE
Q64176	Q8QZR3	0.619			FALSE	TRUE	FALSE		FALSE
Q8BXA5	Q8VBZ3	0.621			FALSE	TRUE	FALSE		FALSE
P56654	Q91W64	0.622			FALSE	TRUE	FALSE		FALSE
P14602	Q9JK92	0.623			FALSE	TRUE	FALSE		FALSE
P61205	Q9WUL7	0.625			FALSE	TRUE	FALSE		FALSE
P21279	P27601	0.625			FALSE	TRUE	FALSE		FALSE
P01898	P01899	0.626	HET,HOM		FALSE,TRUE	FALSE	FALSE		FALSE
Q62433	Q8BTG7	0.626			FALSE	TRUE	FALSE		FALSE
Q63880	Q8BK48	0.627			FALSE	TRUE	FALSE		FALSE
P31650	Q61327	0.628			FALSE	TRUE	FALSE		FALSE
O35660	P15626	0.631			FALSE	TRUE	FALSE		FALSE
P68134	Q8R5C5	0.631			FALSE	TRUE	FALSE		FALSE
P62259	P68510	0.632	HOM		TRUE	FALSE	TRUE	5199 Human	Kinase maturation complex 1 TRUE
Q60598	Q9QXS6	0.634			FALSE	TRUE	FALSE		FALSE
O70443	P27601	0.634			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

Q9R1V6	Q9R1V7	0.634			FALSE	TRUE	FALSE	FALSE
P32020	P51660	0.634	HET	HOM	TRUE	FALSE	FALSE	FALSE
P13542	Q91Z83	0.635			FALSE	TRUE	FALSE	FALSE
P61967	P62743	0.635	HET	HET	FALSE	FALSE	FALSE	FALSE
Q7TQ48	Q9EQP2	0.636	HET	HET	FALSE	FALSE	FALSE	FALSE
Q14DH7	Q9D2R0	0.636			FALSE	TRUE	FALSE	FALSE
P40237	Q922J6	0.636			FALSE	TRUE	FALSE	FALSE
Q9JKS4	Q9R059	0.637			FALSE	TRUE	FALSE	FALSE
P01898	P01901	0.637	HET,HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9QYI5	Q9QYJ3	0.638	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q3UQ84	Q9JKF7	0.639			FALSE	TRUE	FALSE	FALSE
P23927	Q9JK92	0.64	HOM		TRUE	FALSE	FALSE	FALSE
Q8VCU1	Q91WG0	0.642			FALSE	TRUE	FALSE	FALSE
P18872	P27601	0.642			FALSE	TRUE	FALSE	FALSE
Q8BK48	Q8VCT4	0.644			FALSE	TRUE	FALSE	FALSE
P13412	P48787	0.644			FALSE	TRUE	FALSE	FALSE
P08074	Q8VCC1	0.645	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P84078	P84084	0.648			FALSE	TRUE	FALSE	FALSE
P51658	Q9R092	0.648			FALSE	TRUE	FALSE	FALSE
Q9D6M3	Q9DB41	0.649			FALSE	TRUE	FALSE	FALSE
Q6P069	Q8BFY6	0.649		HET	FALSE	FALSE	FALSE	FALSE
Q3UNX5	Q91VA0	0.65			FALSE	TRUE	FALSE	FALSE
Q05421	Q64458	0.65			FALSE	TRUE	FALSE	FALSE
P70318	Q8VH51	0.651			FALSE	TRUE	FALSE	FALSE
O35660	P19157	0.652		HOM	TRUE	FALSE	FALSE	FALSE
P08113	P11499	0.652	HOM	HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

O35945	P47738	0.653		HOM	TRUE	FALSE	FALSE				FALSE
P61028	Q9CZT8	0.653			FALSE	TRUE	FALSE				FALSE
O35136	Q99PJ0	0.653	HOM		TRUE	FALSE	FALSE				FALSE
P61982	P62259	0.653		HOM	TRUE	FALSE	TRUE	5199	Human	Kinase maturatio n complex 1	TRUE
P47738	Q9CZS1	0.653	HOM		TRUE	FALSE	FALSE				FALSE
P35278	P61021	0.654			FALSE	TRUE	FALSE				FALSE
Q05421	Q91W64	0.655			FALSE	TRUE	FALSE				FALSE
P16546	Q62261	0.655	HOM	HOM	TRUE	FALSE	FALSE				FALSE
Q78IK4	Q9DCZ4	0.655			FALSE	TRUE	TRUE	6249,62 55	Human	MIB complex, MICOS complex	FALSE
Q07417	Q8JZN5	0.656	HOM		TRUE	FALSE	FALSE				FALSE
P09041	P09411	0.656			FALSE	TRUE	FALSE				FALSE
P10833	P63321	0.656			FALSE	TRUE	FALSE				FALSE
P62821	Q6PHN9	0.658			FALSE	TRUE	FALSE				FALSE
P61205	P84084	0.658			FALSE	TRUE	FALSE				FALSE
P61028	P63011	0.658			FALSE	TRUE	FALSE				FALSE
B2RSH2	P08752	0.659	HOM		TRUE	FALSE	FALSE				FALSE
P70175	Q9Z0U1	0.659	HOM	HOM	TRUE	FALSE	FALSE				FALSE
P35279	P61294	0.66			FALSE	TRUE	FALSE				FALSE
O08788	Q9Z0H8	0.66	HOM		TRUE	FALSE	FALSE				FALSE
P31938	P47809	0.661			FALSE	TRUE	FALSE				FALSE
P17809	P32037	0.661			FALSE	TRUE	FALSE				FALSE
Q8BG05	Q9CX86	0.661			FALSE	TRUE	FALSE				FALSE
P62137	P63087	0.661	HOM		TRUE	FALSE	FALSE				FALSE

Table S4 Mouse

Q6XVG2	Q91W64	0.662			FALSE	TRUE	FALSE	FALSE
P97821	Q9WUU 7	0.662	HET		FALSE	FALSE	FALSE	FALSE
Q99P58	Q9CZT8	0.662	HET		FALSE	FALSE	FALSE	FALSE
P28663	Q9DB05	0.663			FALSE	TRUE	FALSE	FALSE
Q8BMF3	Q99KE1	0.663		HOM	TRUE	FALSE	FALSE	FALSE
O55042	Q91ZZ3	0.663			FALSE	TRUE	FALSE	FALSE
O88569	Q9CX86	0.663			FALSE	TRUE	FALSE	FALSE
Q9CXJ4	Q9JI39	0.665		HOM	TRUE	FALSE	FALSE	FALSE
Q8BLQ9	Q99N28	0.665	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P08207	P50543	0.667			FALSE	TRUE	FALSE	FALSE
Q99LB7	Q9DBT9	0.667			FALSE	TRUE	FALSE	FALSE
Q8BFP9	Q9JK42	0.667	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q64176	Q8VCT4	0.668			FALSE	TRUE	FALSE	FALSE
P58771	P58774	0.668			FALSE	TRUE	FALSE	FALSE
P97364	Q8BH69	0.668		HOM	TRUE	FALSE	FALSE	FALSE
Q61694	Q9R1J0	0.668			FALSE	TRUE	FALSE	FALSE
Q8VC28	Q8VCX1	0.669	HOM		TRUE	FALSE	FALSE	FALSE
Q5PR73	Q99JI6	0.67			FALSE	TRUE	FALSE	FALSE
Q60675	Q61292	0.67	HOM		TRUE	FALSE	FALSE	FALSE
P11438	P17047	0.67			FALSE	TRUE	FALSE	FALSE
P57722	P60335	0.67			FALSE	TRUE	FALSE	FALSE
Q02566	Q91Z83	0.671			FALSE	TRUE	FALSE	FALSE
P62821	Q9D1G1	0.672			FALSE	TRUE	FALSE	FALSE
P29341	Q3UEB3	0.673		HOM	TRUE	FALSE	FALSE	FALSE
P58774	Q6IRU2	0.673			FALSE	TRUE	FALSE	FALSE
P13707	Q3ULJ0	0.676	HOM		TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q3KNY0	Q5XKE0	0.676			FALSE	TRUE	FALSE		FALSE
P50153	P63213	0.676	HET		FALSE	FALSE	FALSE		FALSE
P56654	Q05421	0.677			FALSE	TRUE	FALSE		FALSE
P97427	Q9EQF6	0.677	HET	HET	FALSE	FALSE	FALSE		FALSE
Q14BI2	Q9QYS2	0.678			FALSE	TRUE	FALSE		FALSE
P56593	Q64458	0.678			FALSE	TRUE	FALSE		FALSE
Q7TMM9	Q9CWF2	0.679	HET		FALSE	FALSE	FALSE		FALSE
Q9CPW4	Q9D898	0.68			FALSE	TRUE	FALSE		FALSE
O54749	P24456	0.681		HOM	TRUE	FALSE	FALSE		FALSE
P61982	P68254	0.681			FALSE	TRUE	FALSE		FALSE
P18826	Q7TSH2	0.682	HET	HET	FALSE	FALSE	TRUE	6640 Human	Phosphorylase kinase complex FALSE
Q60996	Q61151	0.683	HET	HET	FALSE	FALSE	FALSE		FALSE
P70402	Q62234	0.684		HOM	TRUE	FALSE	FALSE		FALSE
O08553	Q9EQF6	0.685	HOM	HET	TRUE	FALSE	FALSE		TRUE
P23953	Q64176	0.687			FALSE	TRUE	FALSE		FALSE
P61027	P62823	0.689			FALSE	TRUE	FALSE		FALSE
O09158	Q64459	0.689			FALSE	TRUE	FALSE		FALSE
Q62108	Q811D0	0.689	HOM	HOM	TRUE	FALSE	FALSE		TRUE
P01899	P01901	0.689		HOM	TRUE	FALSE	FALSE		FALSE
P56656	Q05421	0.689			FALSE	TRUE	FALSE		FALSE
P33267	P56656	0.689			FALSE	TRUE	FALSE		FALSE
Q91WL5	Q9DBW0	0.69			FALSE	TRUE	FALSE		FALSE
Q64176	Q8VCU1	0.691			FALSE	TRUE	FALSE		FALSE
Q99L27	Q9DCZ1	0.691	HOM		TRUE	FALSE	FALSE		FALSE
Q99P30	Q9CR24	0.691			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

Q9QYB5	Q9QYC0	0.692			FALSE	TRUE	FALSE	FALSE
Q99PR8	Q9JK92	0.692			FALSE	TRUE	FALSE	FALSE
Q925N0	Q99JR1	0.693			FALSE	TRUE	FALSE	FALSE
Q91VT4	Q99LB2	0.693	HOM		TRUE	FALSE	FALSE	FALSE
P33267	Q05421	0.694			FALSE	TRUE	FALSE	FALSE
A2AQP0	Q6URW 6	0.695			FALSE	TRUE	FALSE	FALSE
P60521	Q91VR7	0.696	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P14602	Q99PR8	0.697			FALSE	TRUE	FALSE	FALSE
Q61133	Q64471	0.697	HOM		TRUE	FALSE	FALSE	FALSE
P70175	Q9JLB0	0.697	HOM		TRUE	FALSE	FALSE	FALSE
Q8BK48	Q8QZR3	0.698			FALSE	TRUE	FALSE	FALSE
O70443	P21279	0.699			FALSE	TRUE	FALSE	FALSE
O70161	O70172	0.699			FALSE	TRUE	FALSE	FALSE
P56656	Q91W64	0.699			FALSE	TRUE	FALSE	FALSE
O35945	Q8K009	0.7			FALSE	TRUE	FALSE	FALSE
P61205	P84078	0.7			FALSE	TRUE	FALSE	FALSE
P60487	Q8CHP8	0.701	HOM		TRUE	FALSE	FALSE	FALSE
Q8BXB6	Q9QXZ6	0.701			FALSE	TRUE	FALSE	FALSE
Q8BH59	Q9DB41	0.702			FALSE	TRUE	FALSE	FALSE
P33267	Q6XVG2	0.702			FALSE	TRUE	FALSE	FALSE
O08532	Q9Z1L5	0.705			FALSE	TRUE	FALSE	FALSE
Q3UNZ8	Q9DCS3	0.705		HOM	TRUE	FALSE	FALSE	FALSE
P45952	Q8JZN5	0.707	HOM		TRUE	FALSE	FALSE	FALSE
Q64176	Q8BK48	0.707			FALSE	TRUE	FALSE	FALSE
Q63880	Q64176	0.707			FALSE	TRUE	FALSE	FALSE
Q62108	Q9WV34	0.708	HOM	HOM	TRUE	FALSE	FALSE	TRUE

Table S4 Mouse

Q8VCT4	Q91WG0	0.709			FALSE	TRUE	FALSE				FALSE	
P02469	Q61292	0.711			FALSE	TRUE	FALSE				FALSE	
P51859	Q9JMG7	0.712	HOM		TRUE	FALSE	FALSE				FALSE	
											9S-cytosolic aryl hydrocarbon receptor non-ligand activated complex, Kinase maturation complex	
P07901	P11499	0.712	HOM	HOM	TRUE	FALSE	TRUE	25,519,5212,5234,5266,5268,5269,5286	Mouse, Human		1, Kinase maturation complex 2, IKBKB-CDC37-KIAA1967-HSP90A B1-HSP90A A1 complex, TNF-alpha/NF-kappa B signaling complex	FALSE
Q8K009	Q9CZS1	0.712			FALSE	TRUE	FALSE				FALSE	
P85094	Q91V64	0.713			FALSE	TRUE	FALSE				FALSE	
Q921F2	Q99020	0.713	HOM		TRUE	FALSE	FALSE				FALSE	
P51667	Q9QVP4	0.714			FALSE	TRUE	FALSE				FALSE	
Q8BH64	Q9Z0R4	0.715	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE				FALSE	
P19324	P32261	0.715		HOM	TRUE	FALSE	FALSE				FALSE	
P62761	Q8BNY6	0.716		HET	FALSE	FALSE	FALSE				FALSE	
Q922F4	Q9ERD7	0.718		HET	FALSE	FALSE	FALSE				FALSE	

Table S4 Mouse

O89053	Q9WUM3	0.719		HOM	TRUE	FALSE	FALSE		FALSE
O08553	P97427	0.72	HOM	HET	TRUE	FALSE	FALSE		TRUE
P68368	P68373	0.72	HET		FALSE	FALSE	FALSE		FALSE
Q3UJU9	Q9DCV4	0.721			FALSE	TRUE	FALSE		FALSE
Q8QZR3	Q8VCU1	0.722			FALSE	TRUE	FALSE		FALSE
P56593	P56656	0.723			FALSE	TRUE	FALSE		FALSE
O55100	Q8R191	0.723			FALSE	TRUE	FALSE		FALSE
Q9CWF2	Q9D6F9	0.724		HET	FALSE	FALSE	FALSE		FALSE
P63321	Q61411	0.724			FALSE	TRUE	FALSE		FALSE
Q80SZ7	Q9DAS9	0.724			FALSE	TRUE	FALSE		FALSE
P35762	Q922J6	0.726	HOM		TRUE	FALSE	FALSE		FALSE
P05132	P68181	0.726	HET,HOM	HET	FALSE,TRUE	FALSE	FALSE		FALSE
Q80T41	Q9WV18	0.727			FALSE	TRUE	TRUE	6437 Human	GABBR1-GABBR2 complex FALSE
P02463	P08122	0.729			FALSE	TRUE	FALSE		FALSE
P48722	Q61699	0.729	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P97441	Q60738	0.73			FALSE	TRUE	FALSE		FALSE
P62077	Q9WVA2	0.732	HET	HET	FALSE	FALSE	FALSE		FALSE
E9PZQ0	P11881	0.733	HET		FALSE	FALSE	FALSE		FALSE
Q62452	Q8BWQ1	0.735			FALSE	TRUE	FALSE		FALSE
P23953	Q91WG0	0.736			FALSE	TRUE	FALSE		FALSE
Q99MZ7	Q9WV68	0.737			FALSE	TRUE	FALSE		FALSE
Q8VCC1	Q99LB2	0.737	HOM		TRUE	FALSE	FALSE		FALSE
Q8R081	Q921F4	0.738			FALSE	TRUE	FALSE		FALSE
Q8K023	Q8VC28	0.738	HOM	HOM	TRUE	FALSE	FALSE		FALSE
P70694	Q8VC28	0.738	HOM	HOM	TRUE	FALSE	FALSE		FALSE

Table S4 Mouse

P52196	Q99J99	0.74			FALSE	TRUE	FALSE	FALSE
P56656	Q64458	0.74			FALSE	TRUE	FALSE	FALSE
P46638	P53994	0.74			FALSE	TRUE	FALSE	FALSE
A2AQP0	P13542	0.74			FALSE	TRUE	FALSE	FALSE
P00329	P28474	0.742	HOM		TRUE	FALSE	FALSE	FALSE
Q5YD48	Q91WT8	0.744			FALSE	TRUE	FALSE	FALSE
P31938	Q63932	0.744			FALSE	TRUE	FALSE	FALSE
Q62086	Q62087	0.745			FALSE	TRUE	FALSE	FALSE
P04117	P11404	0.745	HOM		TRUE	FALSE	FALSE	FALSE
Q9EQP2	Q9Z0R4	0.746	HET	HET	FALSE	FALSE	FALSE	FALSE
O35643	Q9DBG3	0.747		HOM	TRUE	FALSE	FALSE	FALSE
P50544	Q9JHI5	0.748	HOM		TRUE	FALSE	FALSE	FALSE
P37804	Q9WVA 4	0.75			FALSE	TRUE	FALSE	FALSE
Q8BGZ1	Q91X97	0.75		HET	FALSE	FALSE	FALSE	FALSE
O55106	P58404	0.751			FALSE	TRUE	FALSE	FALSE
Q61205	Q61206	0.751		HOM	TRUE	FALSE	FALSE	FALSE
P50544	Q9DBL1	0.752	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q3TJD7	Q8CI51	0.752			FALSE	TRUE	FALSE	FALSE
P11714	P24456	0.753	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q9WVK 4	Q9Z0R4	0.756	HET	HET	FALSE	FALSE	FALSE	FALSE
P33267	Q91W64	0.757			FALSE	TRUE	FALSE	FALSE
Q9CXT8	Q9CZ13	0.758	HET	HET	FALSE	FALSE	FALSE	FALSE
P11798	Q6PHZ2	0.758		HET	FALSE	FALSE	FALSE	FALSE
P56593	Q05421	0.759			FALSE	TRUE	FALSE	FALSE
O35295	P42669	0.761	HET	HET	FALSE	FALSE	FALSE	FALSE
P56593	Q91W64	0.761			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

A2AS89	Q61176	0.762		HOM	TRUE	FALSE	FALSE		FALSE
P62835	Q99JI6	0.763			FALSE	TRUE	FALSE		FALSE
P60335	P61979	0.764		HOM	TRUE	FALSE	FALSE		TRUE
P23953	Q8VCT4	0.766			FALSE	TRUE	FALSE		FALSE
P62823	P63011	0.767			FALSE	TRUE	FALSE		FALSE
Q921F2	Q9JII5	0.769	HOM		TRUE	FALSE	FALSE		FALSE
O88935	Q64332	0.77			FALSE	TRUE	TRUE	2835 Mouse	Profilin 2 complex
P0C192	Q9D1T0	0.771			FALSE	TRUE	FALSE		FALSE
Q6PHZ2	Q923T9	0.771	HET		FALSE	FALSE	FALSE		FALSE
P56593	P56654	0.774			FALSE	TRUE	FALSE		FALSE
P01027	P01029	0.775	HOM		TRUE	FALSE	FALSE		FALSE
P61027	P61028	0.777			FALSE	TRUE	FALSE		FALSE
P47199	Q3UNZ8	0.778	HOM		TRUE	FALSE	FALSE		FALSE
P11087	Q01149	0.781			FALSE	TRUE	FALSE		FALSE
Q3KNY0	Q62234	0.782		HOM	TRUE	FALSE	FALSE		FALSE
O35639	P07356	0.784		HOM	TRUE	FALSE	FALSE		FALSE
P13542	Q5SX40	0.784			FALSE	TRUE	FALSE		FALSE
O35728	O88833	0.784			FALSE	TRUE	FALSE		FALSE
Q8BH44	Q9WUM4	0.786		HOM	TRUE	FALSE	FALSE		FALSE
P28652	Q6PHZ2	0.787		HET	FALSE	FALSE	FALSE		FALSE
O08788	Q9D1E6	0.789	HOM	HET	TRUE	FALSE	FALSE		FALSE
Q91ZA3	Q99MR8	0.789			FALSE	TRUE	FALSE		FALSE
P23927	Q5EBG6	0.79	HOM	HOM	TRUE	FALSE	FALSE		FALSE
Q8BH64	Q9WVK4	0.792	HOM, HET	HET	TRUE, FALSE	FALSE	FALSE		FALSE
P61027	P63011	0.793			FALSE	TRUE	FALSE		FALSE

Table S4 Mouse

Q5XKE0	Q62234	0.795		HOM	TRUE	FALSE	FALSE			FALSE
P56395	Q9CQX2	0.795			FALSE	TRUE	FALSE			FALSE
Q9CXN7	Q9DCG6	0.797	HOM		TRUE	FALSE	FALSE			FALSE
Q3UNX5	Q9QXG4	0.798			FALSE	TRUE	FALSE			FALSE
Q3TJD7	Q9JKS4	0.8			FALSE	TRUE	FALSE			FALSE
Q8K0E8	Q8VCM7	0.8	HOM	HOM	TRUE	FALSE	TRUE	6417 Human	Fibrinogen complex	FALSE
P56654	Q64458	0.802			FALSE	TRUE	FALSE			FALSE
P26150	Q61694	0.802			FALSE	TRUE	FALSE			FALSE
P56654	P56656	0.803			FALSE	TRUE	FALSE			FALSE
Q9DBL1	Q9JHI5	0.804	HOM		TRUE	FALSE	FALSE			FALSE
Q5DQR4	Q8K400	0.804			FALSE	TRUE	FALSE			FALSE
P50544	Q8JZN5	0.81	HOM		TRUE	FALSE	FALSE			FALSE
P60335	Q61990	0.81			FALSE	TRUE	FALSE			FALSE
P12242	P56501	0.811	HOM		TRUE	FALSE	FALSE			FALSE
Q60668	Q99020	0.812			FALSE	TRUE	FALSE			FALSE
P99024	Q9ERD7	0.813	HET	HET	FALSE	FALSE	FALSE			FALSE
P27773	Q91W90	0.814	HET		FALSE	FALSE	FALSE			FALSE
P50171	Q99LB2	0.815	HOM		TRUE	FALSE	FALSE			FALSE
P33267	P56593	0.817			FALSE	TRUE	FALSE			FALSE
Q5EBG6	Q99PR8	0.818	HOM		TRUE	FALSE	FALSE			FALSE
O35459	Q9D7J9	0.819	HOM	HOM	TRUE	FALSE	FALSE			FALSE
Q61425	Q8BMS1	0.82	HOM		TRUE	FALSE	FALSE			FALSE
P14602	Q5EBG6	0.821		HOM	TRUE	FALSE	FALSE			FALSE
P47738	Q8K009	0.824	HOM		TRUE	FALSE	FALSE			FALSE
P48962	Q3V132	0.826			FALSE	TRUE	FALSE			FALSE

Table S4 Mouse

P14824	P97384	0.828			FALSE	TRUE	FALSE	FALSE
Q6R891	Q9QZQ1	0.829			FALSE	TRUE	FALSE	FALSE
P50171	Q91VT4	0.83	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q00897	Q00898	0.831	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P63101	P68254	0.833			FALSE	TRUE	FALSE	FALSE
Q64176	Q91WG0	0.834			FALSE	TRUE	FALSE	FALSE
Q63880	Q8VCU1	0.836			FALSE	TRUE	FALSE	FALSE
Q8QZT1	Q99JY0	0.838	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P62874	P62880	0.84	HET		FALSE	FALSE	FALSE	FALSE
Q8BLQ9	Q8R464	0.84	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q5EBG6	Q9JK92	0.84	HOM		TRUE	FALSE	FALSE	FALSE
Q07417	Q9JHI5	0.842	HOM		TRUE	FALSE	FALSE	FALSE
Q60668	Q9JII5	0.843			FALSE	TRUE	FALSE	FALSE
Q8BWT1	Q8QZT1	0.845		HOM	TRUE	FALSE	FALSE	FALSE
P56959	Q61545	0.846			FALSE	TRUE	TRUE	1332 Human Large Droscha complex
Q63880	Q8QZR3	0.847			FALSE	TRUE	FALSE	FALSE
P68254	Q9CQV8	0.847			FALSE	TRUE	FALSE	FALSE
O88569	Q8BG05	0.848			FALSE	TRUE	FALSE	FALSE
O88492	Q8CGN5	0.851			FALSE	TRUE	FALSE	FALSE
Q8BKZ9	Q8BMF4	0.853	HET	HOM	TRUE	FALSE	FALSE	FALSE
Q8BH95	Q9WUR 2	0.856	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P45952	Q9DBL1	0.857	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8CI51	Q9JKS4	0.86			FALSE	TRUE	FALSE	FALSE
O54724	Q91VJ2	0.86			FALSE	TRUE	FALSE	FALSE
Q8BHZ0	Q921M7	0.861			FALSE	TRUE	FALSE	FALSE

Table S4 Mouse

P14069	P50543	0.862			FALSE	TRUE	FALSE	FALSE
P07310	Q6P8J7	0.862	HOM		TRUE	FALSE	FALSE	FALSE
P28653	Q9JK53	0.863			FALSE	TRUE	FALSE	FALSE
Q63886	Q8BWQ1	0.863			FALSE	TRUE	FALSE	FALSE
Q9D7J9	Q9WUR2	0.863	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P63101	Q9CQV8	0.864			FALSE	TRUE	FALSE	TRUE
O88451	P51658	0.865			FALSE	TRUE	FALSE	FALSE
O70571	Q9JK42	0.869	HOM		TRUE	FALSE	FALSE	FALSE
P28652	Q923T9	0.869			FALSE	TRUE	FALSE	FALSE
Q8BH95	Q9D7J9	0.869	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P51885	Q9JK53	0.874			FALSE	TRUE	FALSE	FALSE
P06728	Q00623	0.877	HOM		TRUE	FALSE	FALSE	FALSE
Q99MQ4	Q9JK53	0.878			FALSE	TRUE	FALSE	FALSE
P28654	Q9JK53	0.882			FALSE	TRUE	FALSE	FALSE
P50544	Q07417	0.882	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P45952	Q9JHI5	0.883	HOM		TRUE	FALSE	FALSE	FALSE
Q60668	Q921F2	0.883		HOM	TRUE	FALSE	FALSE	FALSE
Q07417	Q9DBL1	0.888	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q99020	Q9JII5	0.891			FALSE	TRUE	FALSE	FALSE
P45952	P50544	0.892	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P28653	P51885	0.897			FALSE	TRUE	FALSE	FALSE
P28653	P28654	0.898			FALSE	TRUE	FALSE	FALSE
P54227	P55821	0.898			FALSE	TRUE	FALSE	FALSE
P05201	P05202	0.898	HOM	HOM	TRUE	FALSE	FALSE	FALSE
Q8BWT1	Q99JY0	0.9		HOM	TRUE	FALSE	FALSE	FALSE
P14602	P23927	0.903		HOM	TRUE	FALSE	FALSE	FALSE

Table S4 Mouse

Q02788	Q04857	0.904			FALSE	TRUE	FALSE	FALSE
O35459	Q8BH95	0.905	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P61979	Q61990	0.91	HOM		TRUE	FALSE	FALSE	TRUE
P28653	Q99MQ4	0.91			FALSE	TRUE	FALSE	FALSE
P11798	Q923T9	0.911			FALSE	TRUE	FALSE	FALSE
Q63918	Q91VJ2	0.917			FALSE	TRUE	FALSE	FALSE
P11798	P28652	0.926			FALSE	TRUE	FALSE	FALSE
P51885	Q99MQ4	0.932			FALSE	TRUE	FALSE	FALSE
P47934	Q924X2	0.936			FALSE	TRUE	FALSE	FALSE
O35459	Q9WUR 2	0.937	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P45376	P45377	0.938	HOM		TRUE	FALSE	FALSE	FALSE
P28654	P51885	0.942			FALSE	TRUE	FALSE	FALSE
O54724	Q63918	0.947			FALSE	TRUE	FALSE	FALSE
P45952	Q07417	0.951	HOM	HOM	TRUE	FALSE	FALSE	FALSE
P28654	Q99MQ4	0.959			FALSE	TRUE	FALSE	FALSE