

PROTEOMICS

Supporting Information for Proteomics

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Michael Mullin, Alexey I. Nesvizhskii, Anne-Claude Gingras
and Richard E. Honkanen

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mapping for the human Ser/Thr protein phosphatase 5**

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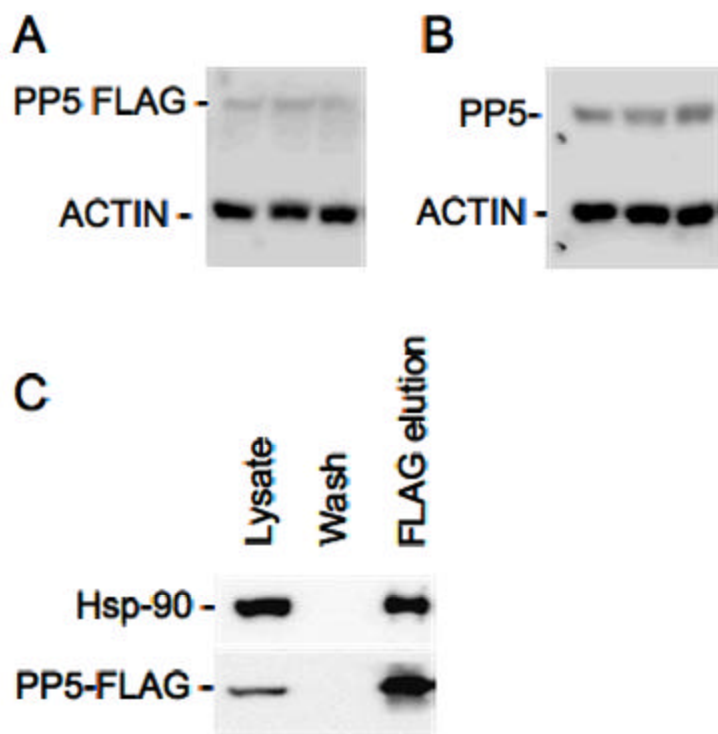


Figure 1S. Hsp90 interacts with PP5. Western blots comparing expression levels of PP5-FLAG (A) and endogenous PP5 (B). HEK293 cells stably expressing wt-PP5-FLAG were generated as described in methods. Cell cultures that were 40% (left lane) 75% (middle lane) and 95% (right lane) confluent were scrapped and processed for Western analysis. PP5-FLAG was detected using anti-FLAG antibodies and endogenous PP5 was detected using a polyclonal antibody recognizing PP5 as described previously [17]. (C) Immunoprecipitation on anti-FLAG-Sepharose beads was performed on lysate from HEK293T cells stably expressing a wt-PP5-FLAG construct. Immune complexes were resolved by SDS-PAGE followed by transfer to nitrocellulose. Native Hsp90 (top panel) was detected with a polyclonal antibody that recognizes both the alpha and beta isoforms of Hsp90 (Cell Signaling, #4874). The precipitated FLAG-tagged protein was detected with anti-FLAG antibodies (bottom panel). Total protein lysate (left) was analyzed in parallel to the third wash (middle) and immunoprecipitation (right) to monitor protein expression.

Supplementary Table I. AP-MS data and SAINT scores. Indicated baits and prey (HUGO gene names) were identified. Spec indicates the spectral counts in each of the biological replicates, iProb is the calculated interaction probability in individual runs; ctrl counts are the number of spectral in control runs, and AvgP is the average of the individual probabilities.

Bait	Prey	Spec	iProb	ctrlCounts	Avg P
PPP5C_WT	STIP1	84 44 30 26	1.00 1.00 1.00 1.00	0 0 0 0 0	1
PPP5C_WT	PPP5C	48 96 45 44	1.00 1.00 1.00 1.00	0 0 0 0 0	1
PPP5C_WT	HSPA8	33 40 19 47	0.93 0.98 0.86 0.99	26 26 20 20 18	0.9 4
PPP5C_WT	HSPA1B	59 50 42 81	0.91 0.91 0.89 0.91	36 25 24 18 17	0.9 0.8
PPP5C_WT	HSP90AB1	61 53 33 76	0.84 0.85 0.80 0.86	9 8 7 4 4	4
PPP5C_WT	HSP90AA1	61 41 31 54	0.71 0.70 0.63 0.72	10 9 7 7 4	0.6 9
PPP5C_WT	CCT4	0 4 2 1	0.00 0.91 0.92 0.85	0 0 0 0 0	0.6 7
PPP5C_WT	CDC37	5 3 0 0	1.00 0.99 0.00 0.00	0 0 0 0 0	0.5
PPP5C_WT	BCL7B	4 0 7 0	0.90 0.00 0.89 0.00	0 0 0 0 0	0.4 5
PPP5C_WT	KRT78	4 0 3 0	0.89 0.00 0.87 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	ELF2	4 0 2 0	0.90 0.00 0.88 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	DSP	3 14 0 0	0.88 0.89 0.00 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	CNGB1	3 0 2 0	0.91 0.00 0.86 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	ALPK2	3 0 2 0	0.91 0.00 0.86 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	INVS	3 0 2 0	0.90 0.00 0.85 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	CLN6	2 2 0 0	0.88 0.88 0.00 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	EMD	2 0 2 0	0.88 0.00 0.86 0.00	0 0 0 0 0	0.4 4
PPP5C_WT	FAM184A	2 0 0 2	0.88 0.00 0.00 0.88	0 0 0 0 0	0.4 4
PPP5C_WT	BIN2	4 1 0 0	0.88 0.85 0.00 0.00	0 0 0 0 0	0.4 3
PPP5C_WT	RNF113A	2 0 2 0	0.86 0.00 0.87 0.00	0 0 0 0 0	0.4 3
PPP5C_WT	CCDC50	2 2 0 0	0.89 0.84 0.00 0.00	0 0 0 0 0	0.4 3
PPP5C_WT	COPB1	1 0 2 0	0.85 0.00 0.85 0.00	0 0 0 0 0	0.4 3
PPP5C_WT	LAMB1	0 2 2 0	0.00 0.87 0.87 0.00	0 0 0 0 0	0.4 3

PPP5C_WT	LPCAT1	1 2 0 0	0.84 0.85 0.00 0.00	0 0 0 0 0	0.4 2
PPP5C_WT	LOC646048	6 4 6 0	0.41 0.40 0.42 0.00	1 2 0 0 0	0.3 1
PPP5C_WT	AIFM1	2 4 0 2	0.39 0.42 0.00 0.39	1 0 0 0 0	0.3
PPP5C_WT	CALU	8 2 5 0	0.36 0.32 0.36 0.00	2 0 0 0 0	0.2 6
PPP5C_WT	EEF1G	23 10 42 29	0.23 0.16 0.25 0.24	23 9 6 6 5	0.2 2
PPP5C_WT	SDF4	5 0 0 0	0.90 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	RPL6P19	4 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	NUDC	4 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	FASN	4 0 0 0	0.89 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	SEC61B	3 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	STT3A	3 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	CUL9	3 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	SEC61A1	3 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	PNKD	2 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	TRIM14	2 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	C10orf18	2 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	UCHL1	2 0 0 0	0.87 0.00 0.00 0.00	0 0 0 0 0	0.2 2
PPP5C_WT	TIMM50	11 3 2 3	0.25 0.21 0.19 0.21	2 1 3 0 0	0.2 1
PPP5C_WT	C20orf4	4 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	WDR6	4 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	PPP2R1A	3 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC257039	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ARCN1	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	DNAJA4	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	TNC	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	GOLGA3	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SMYD3	3 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	HIST1H1D	2 0 0 0	0.84 0.00 0.00	0 0 0 0 0	0.2

			0.00		1
PPP5C_WT	HLA-A	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC56	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CDIPT	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	DMXL1	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	AFAP1L1	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MYH7	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	FHL2	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SEC14L2	2 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	YES1	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	DIAPH3	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	HLA-C	2 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	KIAA0284	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RBL1	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	COPB2	2 0 0 0	0.86 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RREB1	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	EXO2	2 0 0 0	0.82 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	GEM	2 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	PL-5283	2 0 0 0	0.84 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ACTR8	2 0 0 0	0.83 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	OCIAD2	1 0 0 0	0.82 0.00 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	DYNC2H1	0 15 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MURC	0 10 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ASPM	0 9 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	GLT25D2	0 9 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC96	0 9 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CACNA1G	0 9 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	STRA13	0 8 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1

PPP5C_WT	VILL	0 7 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	POLG	0 6 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ZFYVE27	0 6 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RAPGEFL1	0 5 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	UQCRC2	0 5 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	PALLD	0 5 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	NUMA1	0 5 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	KRT17	0 4 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RBM6	0 4 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	UNCX	0 4 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MYO18B	0 4 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RNF213	0 4 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC731605	0 4 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	POTEE	0 3 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC651610	0 3 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	GNA15	0 3 0 0	0.00 0.86 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	TSHZ3	0 3 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC649201	0 3 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	VCP1P1	0 3 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC100129238	0 3 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ZFYVE16	0 3 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RBM34	0 3 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	NAV2	0 3 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	NCKAP5	0 3 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	TNIK	0 3 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	DLGAP5	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ARHGEF18	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	FGD4	0 2 0 0	0.00 0.84 0.00	0 0 0 0 0	0.2

			0.00		1
PPP5C_WT	C22orf36	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	NOD1	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC10013417 5	0 2 0 0	0.00 0.85 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	COL6A6	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC60	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	TTC3	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC63	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	NLRP7	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CARD11	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC646805	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	KRT74	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	C6orf10	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RAB44	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC88B	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SLC25A3	0 2 6 3	0.00 0.26 0.30 0.28	2 1 0 0 0	0.2 1
PPP5C_WT	KIF13B	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LOC654340	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LRRC59	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	GTF2F1	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MCM3AP	0 2 0 0	0.00 0.84 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	PRPF4B	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	TLN1	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	BAT2D1	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MLL2	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RPL35P1	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SP1	0 1 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LEKR1	0 1 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1

PPP5C_WT	LOC730839	0 0 5 0	0.00 0.00 0.84 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RPS3AP5	0 0 3 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MAST4	0 0 3 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	FAM13C	0 0 3 0	0.00 0.00 0.84 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	C3orf33	0 0 3 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	RP1L1	0 0 3 0	0.00 0.00 0.82 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MIA3	0 0 3 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SLC25A11	0 0 3 0	0.00 0.00 0.85 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	URB2	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	C3orf26	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	KIAA1409	0 0 2 0	0.00 0.00 0.85 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	C6orf204	0 0 2 0	0.00 0.00 0.84 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	ESCO1	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SPATA7	0 0 2 0	0.00 0.00 0.82 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	LAMA1	0 0 2 0	0.00 0.00 0.82 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	PSMA2	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	FMN1	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	MYO18A	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SCN7A	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	POTEK	0 0 2 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	CCDC40	0 0 2 0	0.00 0.00 0.84 0.00	0 0 0 0 0	0.2 1
PPP5C_WT	SUPV3L1	0 0 0 2	0.00 0.00 0.00 0.84	0 0 0 0 0	0.2 1
PPP5C_WT	YTHDF2	0 0 0 1	0.00 0.00 0.00 0.82	0 0 0 0 0	0.2 1
PPP5C_WT	COX6C	1 0 0 0	0.81 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	HSPB1	1 0 0 0	0.81 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	PDZD2	1 0 0 0	0.80 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	PLCE1	1 0 0 0	0.80 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	LOC646817	1 0 0 0	0.80 0.00 0.00	0 0 0 0 0	0.2

			0.00		
PPP5C_WT	NDUFA13	1 0 0 0	0.79 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	MRPS2	1 0 0 0	0.79 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	SKP1	1 0 0 0	0.80 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	DHX38	1 0 0 0	0.80 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	C2orf47	1 0 0 0	0.81 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	GTF2I	0 11 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	RABEP1	0 7 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	ATR	0 4 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	LOC647055	0 3 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	ZZEF1	0 3 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	ARMC9	0 3 0 0	0.00 0.80 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	WRN	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	SRCAP	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	ARFGEF2	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	PPFIA3	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	MMP24	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	RAI1	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	SYNE1	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	LOC10013329 2	0 1 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	IFFO2	0 1 0 0	0.00 0.79 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	PABPC4L	0 1 0 0	0.00 0.80 0.00 0.00	0 0 0 0 0	0.2
PPP5C_WT	OXA1L	0 0 1 0	0.00 0.00 0.80 0.00	0 0 0 0 0	0.2
PPP5C_WT	CLPX	0 0 1 0	0.00 0.00 0.79 0.00	0 0 0 0 0	0.2
PPP5C_WT	WSB1	0 0 1 0	0.00 0.00 0.82 0.00	0 0 0 0 0	0.2
PPP5C_WT	GABPB2	0 0 1 0	0.00 0.00 0.79 0.00	0 0 0 0 0	0.2
PPP5C_WT	HMX3	0 0 1 0	0.00 0.00 0.80 0.00	0 0 0 0 0	0.2
PPP5C_WT	RPS26P25	0 0 1 0	0.00 0.00 0.80 0.00	0 0 0 0 0	0.2

PPP5C_WT	RPS15AP11	0 0 0 1	0.00 0.00 0.00 0.81	0 0 0 0 0	0.2
PPP5C_WT	PCDH1	0 0 0 1	0.00 0.00 0.00 0.79	0 0 0 0 0	0.2
PPP5C_WT	BAG2	7 3 3 0	0.26 0.25 0.25 0.00	2 0 0 0 0	0.1 9
PPP5C_WT	NCDN	1 0 0 0	0.78 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_WT	RPAP1	1 0 0 0	0.77 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_WT	SLC25A5	19 0 11 13	0.25 0.00 0.24 0.24	5 6 4 6 1	0.1 8
PPP5C_WT	SLC25A6	18 7 0 12	0.23 0.22 0.00 0.23	4 5 0 0 0	0.1 7
PPP5C_WT	ATAD3A	5 0 1 0	0.39 0.00 0.31 0.00	1 1 0 0 0	0.1 7
PPP5C_WT	TUBB2B	0 0 0 40	0.00 0.00 0.00 0.62	37 31 29 0 0	0.1 6
PPP5C_WT	LGALS3BP	2 1 0 0	0.32 0.29 0.00 0.00	1 0 0 0 0	0.1 5
PPP5C_WT	SYNE2	2 3 3 0	0.17 0.20 0.20 0.00	2 0 0 0 0	0.1 4
PPP5C_WT	CAD	12 2 0 0	0.28 0.23 0.00 0.00	2 0 0 0 0	0.1 3
PPP5C_WT	HSPA6	21 11 17 0	0.13 0.12 0.14 0.00	4 9 5 10 14	0.1
PPP5C_WT	EEF1A1	13 8 30 27	0.06 0.05 0.14 0.13	22 19 18 12 11	0.1
PPP5C_WT	KRT18	11 0 3 0	0.21 0.00 0.18 0.00	3 3 0 0 0	0.1
PPP5C_WT	VPS39	0 10 0 0	0.00 0.41 0.00 0.00	1 1 0 0 0	0.1
PPP5C_WT	SMC4	0 9 0 0	0.00 0.40 0.00 0.00	1 0 0 0 0	0.1
PPP5C_WT	FLG	0 0 6 0	0.00 0.00 0.39 0.00	1 0 0 0 0	0.1
PPP5C_WT	TUBA1A	0 0 0 42	0.00 0.00 0.00 0.40	23 27 45 33 0	0.1
PPP5C_WT	RCN1	5 0 5 0	0.17 0.00 0.18 0.00	2 1 3 0 0	0.0 9
PPP5C_WT	PGAM5	5 0 0 0	0.38 0.00 0.00 0.00	1 0 0 0 0	0.0 9
PPP5C_WT	AKAP9	4 0 6 0	0.15 0.00 0.20 0.00	3 0 0 0 0	0.0 9
PPP5C_WT	NME1-NME2	0 3 0 0	0.00 0.35 0.00 0.00	1 1 0 0 0	0.0 9
PPP5C_WT	NDUFA4	0 0 2 4	0.00 0.00 0.18 0.19	2 0 0 0 0	0.0 9
PPP5C_WT	IRS4	0 0 0 2	0.00 0.00 0.00 0.38	1 0 0 0 0	0.0 9
PPP5C_WT	TECR	7 0 0 2	0.19 0.00 0.00 0.15	1 2 1 0 0	0.0 8
PPP5C_WT	DYNLL1	2 0 0 0	0.32 0.00 0.00 0.00	1 0 0 0 0	0.0 8
PPP5C_WT	SSR4	2 0 0 0	0.31 0.00 0.00	1 0 0 0 0	0.0

			0.00		8
PPP5C_WT	ATP5C1	2 0 0 0	0.31 0.00 0.00 0.00	1 0 0 0 0	0.0 8
PPP5C_WT	ITSN2	0 2 0 0	0.00 0.34 0.00 0.00	1 0 0 0 0	0.0 8
PPP5C_WT	HRNR	0 2 0 0	0.00 0.33 0.00 0.00	1 0 0 0 0	0.0 8
PPP5C_WT	CIT	2 0 2 0	0.12 0.00 0.14 0.00	2 0 0 0 0	0.0 7
PPP5C_WT	TRAK2	0 0 2 0	0.00 0.00 0.30 0.00	1 0 0 0 0	0.0 7
PPP5C_WT	U2AF1	1 0 0 0	0.26 0.00 0.00 0.00	1 0 0 0 0	0.0 6
PPP5C_WT	PSMA4	1 0 0 0	0.22 0.00 0.00 0.00	1 0 0 0 0	0.0 6
PPP5C_WT	BZRAP1	0 10 0 0	0.00 0.24 0.00 0.00	2 0 0 0 0	0.0 6
PPP5C_WT	HSPA1L	0 0 24 50	0.00 0.00 0.12 0.13	22 18 16 15 13	0.0 6
PPP5C_WT	LOC100131720	0 0 1 0	0.00 0.00 0.24 0.00	1 0 0 0 0	0.0 6
PPP5C_WT	TUBAL3	0 0 0 6	0.00 0.00 0.00 0.21	3 0 0 0 0	0.0 5
PPP5C_WT	KRT8	18 0 9 0	0.08 0.00 0.06 0.00	11 8 6 4 4	0.0 4
PPP5C_WT	TUBA1C	20 14 28 43	0.01 0.02 0.04 0.04	45 38 27 23 22	0.0 3
PPP5C_WT	VIM	10 0 3 8	0.06 0.00 0.01 0.05	12 11 4 4 3	0.0 3
PPP5C_WT	DNAJA2	7 0 2 0	0.08 0.00 0.06 0.00	2 1 1 0 0	0.0 3
PPP5C_WT	DNAJA1	7 0 0 0	0.10 0.00 0.00 0.00	2 1 0 0 0	0.0 3
PPP5C_WT	PSMC2	5 1 1 0	0.07 0.02 0.02 0.00	3 3 4 3 0	0.0 3
PPP5C_WT	ATP5A1	5 16 5 0	0.02 0.09 0.02 0.00	8 8 6 5 5	0.0 3
PPP5C_WT	KRT84	5 0 0 0	0.12 0.00 0.00 0.00	3 0 0 0 0	0.0 3
PPP5C_WT	QPCTL	2 0 0 0	0.13 0.00 0.00 0.00	2 0 0 0 0	0.0 3
PPP5C_WT	RPL37A	2 0 0 0	0.11 0.00 0.00 0.00	1 2 0 0 0	0.0 3
PPP5C_WT	HSPA4L	2 0 0 0	0.10 0.00 0.00 0.00	2 0 0 0 0	0.0 3
PPP5C_WT	PSMD3	0 2 0 0	0.00 0.13 0.00 0.00	2 2 0 0 0	0.0 3
PPP5C_WT	CHD3	0 2 0 0	0.00 0.13 0.00 0.00	2 0 0 0 0	0.0 3
PPP5C_WT	JMJD1C	0 2 0 0	0.00 0.14 0.00 0.00	1 2 0 0 0	0.0 3
PPP5C_WT	SPTBN5	0 0 2 0	0.00 0.00 0.11 0.00	2 0 0 0 0	0.0 3
PPP5C_WT	ALB	0 0 0 6	0.00 0.00 0.00 0.11	4 0 0 0 0	0.0 3

PPP5C_WT	PRPF8	18 0 3 0	0.07 0.00 0.01 0.00	10 6 5 3 1	0.0 2
PPP5C_WT	TRIM21	8 15 16 11	0.00 0.04 0.05 0.00	19 13 12 10 10	0.0 2
PPP5C_WT	RPL10	6 0 0 0	0.07 0.00 0.00 0.00	4 4 4 3 2	0.0 2
PPP5C_WT	EFTUD2	5 0 0 0	0.07 0.00 0.00 0.00	3 4 2 3 0	0.0 2
PPP5C_WT	DDB1	4 0 0 0	0.07 0.00 0.00 0.00	4 1 0 0 0	0.0 2
PPP5C_WT	TPD52L3	4 0 0 0	0.10 0.00 0.00 0.00	3 1 2 1 0	0.0 2
PPP5C_WT	HNRNPF	3 0 0 0	0.09 0.00 0.00 0.00	1 3 2 0 0	0.0 2
PPP5C_WT	LOC10013181 3	3 0 0 0	0.08 0.00 0.00 0.00	2 2 3 0 0	0.0 2
PPP5C_WT	RPS29P9	2 0 0 0	0.07 0.00 0.00 0.00	3 0 0 0 0	0.0 2
PPP5C_WT	TUFM	2 0 0 0	0.10 0.00 0.00 0.00	2 1 0 0 0	0.0 2
PPP5C_WT	ATP1A1	2 0 0 0	0.07 0.00 0.00 0.00	3 2 1 0 0	0.0 2
PPP5C_WT	KIF3B	2 0 0 0	0.08 0.00 0.00 0.00	2 2 1 2 0	0.0 2
PPP5C_WT	C6orf170	0 8 0 0	0.00 0.08 0.00 0.00	6 0 0 0 0	0.0 2
PPP5C_WT	RB1CC1	0 2 0 0	0.00 0.07 0.00 0.00	4 0 0 0 0	0.0 2
PPP5C_WT	MACF1	0 0 2 0	0.00 0.00 0.08 0.00	3 2 0 0 0	0.0 2
PPP5C_WT	PSMB6	0 0 1 0	0.00 0.00 0.08 0.00	2 0 0 0 0	0.0 2
PPP5C_WT	TUBB6	0 0 0 15	0.00 0.00 0.00 0.07	21 17 16 14 13	0.0 2
PPP5C_WT	HIST1H1E	0 0 0 8	0.00 0.00 0.00 0.09	5 0 0 0 0	0.0 2
PPP5C_WT	DST	0 0 0 2	0.00 0.00 0.00 0.07	4 0 0 0 0	0.0 2
PPP5C_WT	KRT2	19 8 20 8	0.00 0.00 0.02 0.00	47 32 27 21 20	0.0 1
PPP5C_WT	KRT16	14 0 0 0	0.04 0.00 0.00 0.00	13 7 7 8 0	0.0 1
PPP5C_WT	KRT5	11 0 15 0	0.00 0.00 0.03 0.00	19 17 11 10 6	0.0 1
PPP5C_WT	HSPD1	10 2 5 1	0.02 0.00 0.01 0.00	12 10 5 3 1	0.0 1
PPP5C_WT	HSPA9	9 3 1 0	0.02 0.00 0.00 0.00	7 4 4 3 3	0.0 1
PPP5C_WT	SNRNP200	8 0 2 0	0.02 0.00 0.00 0.00	1 2 4 10 1	0.0 1
PPP5C_WT	TUBB2A	7 4 0 39	0.00 0.00 0.00 0.05	33 31 31 19 9	0.0 1
PPP5C_WT	RPS18	6 0 2 4	0.01 0.00 0.01 0.01	12 11 9 8 6	0.0 1
PPP5C_WT	GSTM3	5 0 15 6	0.00 0.00 0.04	20 15 5 5 4	0.0

			0.00		1
PPP5C_WT	RPLP0	5 1 8 1	0.00 0.00 0.03 0.01	20 14 14 11 10	0.0 1
PPP5C_WT	RPS10	5 2 0 1	0.02 0.01 0.00 0.00	1 1 6 2 2	0.0 1
PPP5C_WT	ACTN4	4 0 0 0	0.02 0.00 0.00 0.00	11 0 0 0 0	0.0 1
PPP5C_WT	RCN2	4 7 0 0	0.00 0.02 0.00 0.00	9 9 6 5 5	0.0 1
PPP5C_WT	EEF1B2	4 5 10 3	0.00 0.01 0.02 0.00	10 7 4 3 3	0.0 1
PPP5C_WT	RPS5	3 0 0 0	0.03 0.00 0.00 0.00	3 2 4 2 2	0.0 1
PPP5C_WT	RPL23	3 0 0 0	0.06 0.00 0.00 0.00	2 2 3 1 2	0.0 1
PPP5C_WT	RPL38	3 0 0 0	0.05 0.00 0.00 0.00	1 4 1 0 0	0.0 1
PPP5C_WT	PSMD1	2 0 0 0	0.04 0.00 0.00 0.00	3 4 2 0 0	0.0 1
PPP5C_WT	SNRPD2	2 0 0 0	0.04 0.00 0.00 0.00	3 3 2 2 2	0.0 1
PPP5C_WT	DCD	2 0 2 0	0.01 0.00 0.02 0.00	4 1 5 2 0	0.0 1
PPP5C_WT	KRT82	2 0 0 0	0.03 0.00 0.00 0.00	4 3 2 0 0	0.0 1
PPP5C_WT	TTN	0 12 0 0	0.00 0.06 0.00 0.00	13 7 5 2 0	0.0 1
PPP5C_WT	LOC651751	0 1 9 9	0.00 0.00 0.02 0.00	32 14 11 9 0	0.0 1
PPP5C_WT	KRT7	0 0 4 0	0.00 0.00 0.06 0.00	5 0 0 0 0	0.0 1
PPP5C_WT	KRT72	0 0 4 0	0.00 0.00 0.03 0.00	8 0 0 0 0	0.0 1
PPP5C_WT	PSMC5	0 0 3 0	0.00 0.00 0.03 0.00	5 3 1 3 0	0.0 1
PPP5C_WT	PSMD11	0 0 2 0	0.00 0.00 0.05 0.00	1 4 4 1 0	0.0 1
PPP5C_WT	EIF3G	0 0 2 0	0.00 0.00 0.06 0.00	3 2 2 2 2	0.0 1
PPP5C_WT	TRAP1	0 0 1 0	0.00 0.00 0.06 0.00	2 2 2 2 0	0.0 1
PPP5C_WT	PHB2	0 0 1 0	0.00 0.00 0.03 0.00	3 2 2 2 1	0.0 1
PPP5C_WT	KRT75	0 0 0 6	0.00 0.00 0.00 0.03	13 0 0 0 0	0.0 1
PPP5C_WT	USMG5	0 0 0 1	0.00 0.00 0.00 0.05	2 2 1 0 0	0.0 1
PPP5C_WT	KRT1	37 19 64 23	0.00 0.00 0.01 0.00	84 49 45 43 41	0
PPP5C_WT	ACTB	31 9 38 84	0.00 0.00 0.00 0.00	334 113 94 9 1 53	0
PPP5C_WT	KRT10	29 13 30 16	0.00 0.00 0.00 0.00	70 38 33 25 24	0
PPP5C_WT	KRT9	25 17 33 7	0.00 0.00 0.00 0.00	63 39 29 27 25	0

PPP5C_WT	STK38	15 6 14 3	0.00 0.00 0.00 0.00	101 80 55 49 48	0
PPP5C_WT	KRT14	14 7 0 0	0.00 0.00 0.00 0.00	20 10 10 9 9	0
PPP5C_WT	FLNA	12 2 5 2	0.00 0.00 0.00 0.00	99 96 95 36 36	0
PPP5C_WT	HSPA5	12 5 6 12	0.01 0.00 0.00 0.01	14 13 12 10 9	0
PPP5C_WT	KRT6A	11 8 11 0	0.00 0.00 0.01 0.00	22 21 8 9 12	0
PPP5C_WT	RPS3A	10 0 0 0	0.00 0.00 0.00 0.00	16 8 7 7 5	0
PPP5C_WT	HNRNPM	8 0 6 0	0.00 0.00 0.00 0.00	44 33 31 25 16	0
PPP5C_WT	KRT76	8 0 5 0	0.01 0.00 0.01 0.00	13 9 0 0 0	0
PPP5C_WT	KRT3	8 3 5 0	0.01 0.00 0.01 0.00	12 4 0 0 0	0
PPP5C_WT	RPS4X	7 4 5 0	0.01 0.01 0.01 0.00	17 15 6 6 6	0
PPP5C_WT	NPM1	7 0 2 3	0.00 0.00 0.00 0.00	36 21 19 16 13	0
PPP5C_WT	PRKDC	6 0 0 0	0.00 0.00 0.00 0.00	9 8 4 1 0	0
PPP5C_WT	QPCT	6 0 7 4	0.00 0.00 0.00 0.00	31 11 11 9 9	0
PPP5C_WT	KRT12	6 0 0 0	0.01 0.00 0.00 0.00	12 3 0 0 0	0
PPP5C_WT	DHX9	5 0 2 2	0.00 0.00 0.00 0.00	17 12 10 8 6	0
PPP5C_WT	RPL5	5 0 0 0	0.00 0.00 0.00 0.00	8 8 7 7 2	0
PPP5C_WT	CBR1	5 27 19 26	0.00 0.00 0.00 0.00	67 47 37 32 30	0
PPP5C_WT	EIF4B	5 0 0 0	0.00 0.00 0.00 0.00	29 22 14 12 11	0
PPP5C_WT	RPS19	4 0 2 0	0.00 0.00 0.00 0.00	11 7 6 5 5	0
PPP5C_WT	RPL4	4 0 0 0	0.00 0.00 0.00 0.00	10 7 5 4 2	0
PPP5C_WT	NCL	4 4 2 0	0.00 0.01 0.00 0.00	34 27 26 24 22	0
PPP5C_WT	KRT77	4 0 4 0	0.00 0.00 0.00 0.00	13 5 5 8 0	0
PPP5C_WT	GSTP1	4 7 31 48	0.00 0.00 0.00 0.00	211 110 82 4 6 35	0
PPP5C_WT	HNRNPA1	3 0 0 0	0.01 0.00 0.00 0.00	13 12 12 12 10	0
PPP5C_WT	SF3B2	3 0 0 0	0.00 0.00 0.00 0.00	8 7 4 4 4	0
PPP5C_WT	PRMT5	3 0 0 0	0.00 0.00 0.00 0.00	66 64 55 54 50	0
PPP5C_WT	RPL17	3 0 0 0	0.01 0.00 0.00 0.00	5 5 5 3 2	0
PPP5C_WT	EIF3I	3 0 0 0	0.00 0.00 0.00	6 5 5 3 2	0

			0.00		
PPP5C_WT	KRT4	3 0 0 0	0.00 0.00 0.00 0.00	8 6 2 5 0	0
PPP5C_WT	MYH9	3 0 3 0	0.00 0.00 0.00 0.00	264 60 33 14 7	0
PPP5C_WT	RPS3	3 0 0 0	0.00 0.00 0.00 0.00	17 16 12 9 9	0
PPP5C_WT	CALM3	3 0 3 0	0.00 0.00 0.00 0.00	26 7 4 4 2	0
PPP5C_WT	TRIM28	3 0 0 0	0.00 0.00 0.00 0.00	15 8 7 6 4	0
PPP5C_WT	RPL8	2 0 0 1	0.00 0.00 0.00 0.00	3 2 7 2 1	0
PPP5C_WT	RPS9	2 0 0 0	0.00 0.00 0.00 0.00	9 4 3 3 2	0
PPP5C_WT	EPRS	2 0 0 0	0.00 0.00 0.00 0.00	3 2 9 2 1	0
PPP5C_WT	PSMD2	2 0 0 0	0.00 0.00 0.00 0.00	6 2 2 2 2	0
PPP5C_WT	RPS29	2 0 0 0	0.01 0.00 0.00 0.00	3 1 5 0 0	0
PPP5C_WT	RPS6	2 0 0 0	0.00 0.00 0.00 0.00	6 4 2 1 1	0
PPP5C_WT	QARS	2 0 0 0	0.00 0.00 0.00 0.00	12 9 7 3 3	0
PPP5C_WT	PRPF31	2 0 0 0	0.00 0.00 0.00 0.00	16 11 8 6 6	0
PPP5C_WT	HNRNPA2B1	2 0 0 0	0.00 0.00 0.00 0.00	19 16 15 12 11	0
PPP5C_WT	PRDX1	2 0 0 0	0.00 0.00 0.00 0.00	15 6 3 3 3	0
PPP5C_WT	CCT5	2 0 0 0	0.00 0.00 0.00 0.00	1 6 10 1 2	0
PPP5C_WT	KRT73	2 1 0 0	0.00 0.00 0.00 0.00	12 2 3 2 7	0
PPP5C_WT	RPL30	2 0 0 0	0.00 0.00 0.00 0.00	6 5 2 2 2	0
PPP5C_WT	HNRNPU	2 0 0 0	0.00 0.00 0.00 0.00	9 9 6 5 4	0
PPP5C_WT	KPNB1	1 0 0 0	0.02 0.00 0.00 0.00	4 0 0 0 0	0
PPP5C_WT	RPS14	1 0 0 0	0.01 0.00 0.00 0.00	5 4 4 3 3	0
PPP5C_WT	RPL31	1 0 0 0	0.01 0.00 0.00 0.00	4 4 4 4 2	0
PPP5C_WT	EIF3F	1 0 0 0	0.01 0.00 0.00 0.00	5 4 2 2 1	0
PPP5C_WT	DARS	1 0 0 0	0.01 0.00 0.00 0.00	4 3 3 2 2	0
PPP5C_WT	RBM39	1 0 0 0	0.01 0.00 0.00 0.00	1 5 2 0 0	0
PPP5C_WT	RPL34	1 0 0 0	0.00 0.00 0.00 0.00	8 4 3 2 2	0
PPP5C_WT	ATP5B	1 0 0 0	0.00 0.00 0.00 0.00	11 10 9 8 7	0

PPP5C_WT	ACTBL2	0 4 0 0	0.00 0.00 0.00 0.00	81 40 33 28 24	0
PPP5C_WT	RPL13	0 2 0 0	0.00 0.00 0.00 0.00	12 10 8 5 3	0
PPP5C_WT	TUBB	0 0 14 53	0.00 0.00 0.00 0.00	66 49 40 40 38	0
PPP5C_WT	KRT6B	0 0 12 0	0.00 0.00 0.01 0.00	22 19 12 10 9	0
PPP5C_WT	STK38L	0 0 4 0	0.00 0.00 0.00 0.00	18 17 16 12 11	0
PPP5C_WT	RPL3	0 0 3 0	0.00 0.00 0.01 0.00	9 9 5 5 5	0
PPP5C_WT	ANP32A	0 0 3 0	0.00 0.00 0.00 0.00	9 1 1 0 0	0
PPP5C_WT	CLTC	0 0 2 0	0.00 0.00 0.00 0.00	11 9 7 6 3	0
PPP5C_WT	RPL10A	0 0 2 0	0.00 0.00 0.00 0.00	17 8 7 4 3	0
PPP5C_WT	MYL6	0 0 2 0	0.00 0.00 0.00 0.00	32 12 7 5 4	0
PPP5C_WT	MICALCL	0 0 2 0	0.00 0.00 0.00 0.00	13 2 1 1 1	0
PPP5C_WT	KIF11	0 0 2 0	0.00 0.00 0.00 0.00	255 107 96 6 9 58	0
PPP5C_WT	RPL12	0 0 2 0	0.00 0.00 0.01 0.00	7 6 6 5 5	0
PPP5C_WT	ACTA1	0 0 0 66	0.00 0.00 0.00 0.00	64 48 43 31 22	0
PPP5C_WT	TUBB2C	0 0 0 45	0.00 0.00 0.00 0.01	57 43 42 40 37	0
PPP5C_WT	KRT79	0 0 0 6	0.00 0.00 0.00 0.00	13 2 0 0 0	0
PPP5C_WT	DBN1	0 0 0 4	0.00 0.00 0.00 0.01	21 7 4 4 2	0
PPP5C_WT	DYRK1B	0 0 0 4	0.00 0.00 0.00 0.00	14 6 0 0 0	0
PPP5C_WT	RPL7A	0 0 0 2	0.00 0.00 0.00 0.00	8 7 5 5 5	0
PPP5C_WT	RPS16	0 0 0 2	0.00 0.00 0.00 0.00	7 7 5 4 4	0
PPP5C_WT	RPLP2	0 0 0 2	0.00 0.00 0.00 0.00	22 22 19 15 13	0
PPP5C_WT	LIMA1	0 0 0 1	0.00 0.00 0.00 0.00	1 2 7 4 0	0
PPP5C_WT	CAPZB	0 0 0 1	0.00 0.00 0.00 0.00	10 6 6 2 2	0
PPP5C_WT	RPS25	0 0 0 1	0.00 0.00 0.00 0.01	3 2 4 4 5	0
PPP5C_MUT	PPP5C	108 42 42 22	1.00 1.00 1.00 1.00	0 0 0 0 0	1
PPP5C_MUT	PKM2	2 7 0 0	0.80 0.87 0.00 0.00	0 0 0 0 0	0.4 2
PPP5C_MUT	H3F3A	0 6 4 0	0.00 0.87 0.81 0.00	0 0 0 0 0	0.4 2
PPP5C_MUT	PFN1	1 5 0 0	0.78 0.87 0.00	0 0 0 0 0	0.4

			0.00		1
PPP5C_MUT	CALR	0 2 0 0	0.00 0.83 0.00 0.00	0 0 0 0 0	0.2 1
PPP5C_MUT	ENO1	4 0 0 0	0.80 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	PPP1CB	3 0 0 0	0.78 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	CYTSA	2 0 0 0	0.78 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	POTEF	2 0 0 0	0.79 0.00 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	ALDOA	0 7 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	HNRNPH2	0 3 0 0	0.00 0.80 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	PDIA4	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	ACP1	0 2 0 0	0.00 0.80 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	PPIB	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	LDHB	0 2 0 0	0.00 0.82 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	HERC2	0 1 0 0	0.00 0.79 0.00 0.00	0 0 0 0 0	0.2
PPP5C_MUT	IGSF3	0 0 2 0	0.00 0.00 0.79 0.00	0 0 0 0 0	0.2
PPP5C_MUT	PCYT1A	0 0 0 2	0.00 0.00 0.00 0.78	0 0 0 0 0	0.2
PPP5C_MUT	ACTA2	11 0 0 0	0.75 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	LOC653781	3 0 0 0	0.78 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	FUS	1 0 0 0	0.77 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	PLS3	1 0 0 0	0.77 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	STATH	1 0 0 0	0.76 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	AIF1L	1 0 0 0	0.76 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	AP2B1	1 0 0 0	0.78 0.00 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	RHOA	0 1 0 0	0.00 0.76 0.00 0.00	0 0 0 0 0	0.1 9
PPP5C_MUT	SUPT5H	0 0 0 3	0.00 0.00 0.00 0.77	0 0 0 0 0	0.1 9
PPP5C_MUT	ROCK2	0 0 0 3	0.00 0.00 0.00 0.75	0 0 0 0 0	0.1 9
PPP5C_MUT	STAMBPL1	0 0 0 1	0.00 0.00 0.00 0.77	0 0 0 0 0	0.1 9
PPP5C_MUT	SMC5	0 0 0 4	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
PPP5C_MUT	RP6- 213H19.1	0 0 0 11	0.00 0.00 0.00 0.66	0 0 0 0 0	0.1 7

PPP5C_MUT	GAPDH	2 5 0 0	0.09 0.10 0.00 0.00	1 0 0 0 0	0.0 5
PPP5C_MUT	HSP90B1	1 5 0 0	0.07 0.10 0.00 0.00	1 0 0 0 0	0.0 4
PPP5C_MUT	FLG	0 0 0 1	0.00 0.00 0.00 0.11	1 0 0 0 0	0.0 3
PPP5C_MUT	VIM	22 31 8 5	0.03 0.02 0.02 0.02	12 11 4 4 3	0.0 2
PPP5C_MUT	SFRS2B	0 7 0 0	0.00 0.08 0.00 0.00	2 0 0 0 0	0.0 2
PPP5C_MUT	HSP90AB1	0 3 3 0	0.00 0.00 0.02 0.00	9 8 7 4 4	0.0 1
PPP5C_MUT	SLC25A5	0 0 2 0	0.00 0.00 0.05 0.00	5 6 4 6 1	0.0 1
PPP5C_MUT	SLC25A6	1 0 0 0	0.04 0.00 0.00 0.00	4 5 0 0 0	0.0 1
PPP5C_MUT	CALU	2 0 0 0	0.03 0.00 0.00 0.00	2 0 0 0 0	0.0 1
PPP5C_MUT	HNRNPC	4 0 0 3	0.01 0.00 0.00 0.05	6 2 2 2 1	0.0 1
PPP5C_MUT	CALM2	2 0 1 4	0.00 0.00 0.00 0.02	9 7 7 5 3	0.0 1
PPP5C_MUT	HIST1H1C	0 15 22 8	0.00 0.01 0.02 0.02	12 10 9 6 5	0.0 1
PPP5C_MUT	H2AFZ	0 5 0 0	0.00 0.03 0.00 0.00	7 0 0 0 0	0.0 1
PPP5C_MUT	HIST1H2BM	0 0 0 2	0.00 0.00 0.00 0.04	4 7 0 0 0	0.0 1
PPP5C_MUT	HSPA1B	8 25 0 0	0.00 0.00 0.00 0.00	36 25 24 18 17	0
PPP5C_MUT	KRT1	0 61 18 18	0.00 0.00 0.00 0.00	84 49 45 43 41	0
PPP5C_MUT	ACTB	59 67 33 19	0.00 0.00 0.00 0.00	334 113 94 9 1 53	0
PPP5C_MUT	KRT10	3 7 14 4	0.00 0.00 0.00 0.00	70 38 33 25 24	0
PPP5C_MUT	KRT9	3 26 9 0	0.00 0.00 0.00 0.00	63 39 29 27 25	0
PPP5C_MUT	EEF1G	0 1 0 0	0.00 0.00 0.00 0.00	23 9 6 6 5	0
PPP5C_MUT	TUBA1C	13 10 3 0	0.00 0.00 0.00 0.00	45 38 27 23 22	0
PPP5C_MUT	KRT2	0 28 6 10	0.00 0.00 0.00 0.00	47 32 27 21 20	0
PPP5C_MUT	KRT8	6 0 0 0	0.00 0.00 0.00 0.00	11 8 6 4 4	0
PPP5C_MUT	STK38	3 9 10 0	0.00 0.00 0.00 0.00	101 80 55 49 48	0
PPP5C_MUT	KRT14	0 3 0 0	0.00 0.00 0.00 0.00	20 10 10 9 9	0
PPP5C_MUT	EEF1A1	0 18 0 0	0.00 0.01 0.00 0.00	22 19 18 12 11	0
PPP5C_MUT	FLNA	1 6 0 0	0.00 0.00 0.00 0.00	99 96 95 36 36	0
PPP5C_MUT	HSPA5	2 4 3 0	0.00 0.00 0.00	14 13 12 10	0

			0.00	9	
PPP5C_MUT	KRT5	0 3 0 0	0.00 0.00 0.00 0.00	19 17 11 10 6	0
PPP5C_MUT	KRT6A	2 0 8 0	0.00 0.00 0.00 0.00	22 21 8 9 12	0
PPP5C_MUT	HSPD1	2 9 0 0	0.00 0.00 0.00 0.00	12 10 5 3 1	0
PPP5C_MUT	RPS3A	1 0 2 0	0.00 0.00 0.00 0.00	16 8 7 7 5	0
PPP5C_MUT	HSPA9	0 2 0 0	0.00 0.00 0.00 0.00	7 4 4 3 3	0
PPP5C_MUT	TRIM21	0 3 2 0	0.00 0.00 0.00 0.00	19 13 12 10 10	0
PPP5C_MUT	HNRNPM	0 0 0 1	0.00 0.00 0.00 0.00	44 33 31 25 16	0
PPP5C_MUT	NPM1	2 3 2 0	0.00 0.00 0.00 0.00	36 21 19 16 13	0
PPP5C_MUT	QPCT	2 0 1 0	0.00 0.00 0.00 0.00	31 11 11 9 9	0
PPP5C_MUT	DHX9	2 0 0 0	0.00 0.00 0.00 0.00	17 12 10 8 6	0
PPP5C_MUT	ATP5A1	0 6 0 0	0.00 0.02 0.00 0.00	8 8 6 5 5	0
PPP5C_MUT	RPLP0	0 2 0 0	0.00 0.00 0.00 0.00	20 14 14 11 10	0
PPP5C_MUT	NCL	1 0 0 0	0.00 0.00 0.00 0.00	34 27 26 24 22	0
PPP5C_MUT	ACTN4	15 0 0 0	0.01 0.00 0.00 0.00	11 0 0 0 0	0
PPP5C_MUT	HNRNPA1	4 0 0 2	0.00 0.00 0.00 0.00	13 12 12 12 10	0
PPP5C_MUT	RPS5	1 0 0 0	0.00 0.00 0.00 0.00	3 2 4 2 2	0
PPP5C_MUT	PRMT5	2 3 0 0	0.00 0.00 0.00 0.00	66 64 55 54 50	0
PPP5C_MUT	RPL17	1 0 0 0	0.00 0.00 0.00 0.00	5 5 5 3 2	0
PPP5C_MUT	MYH9	41 58 4 28	0.00 0.00 0.00 0.00	264 60 33 14 7	0
PPP5C_MUT	RPS3	0 7 0 0	0.00 0.00 0.00 0.00	17 16 12 9 9	0
PPP5C_MUT	TUFM	0 1 0 0	0.00 0.00 0.00 0.00	2 1 0 0 0	0
PPP5C_MUT	HNRNPA2B1	2 8 5 0	0.00 0.00 0.00 0.00	19 16 15 12 11	0
PPP5C_MUT	PRDX1	0 6 0 0	0.00 0.00 0.00 0.00	15 6 3 3 3	0
PPP5C_MUT	DCD	0 0 1 0	0.00 0.00 0.00 0.00	4 1 5 2 0	0
PPP5C_MUT	ATP5B	0 8 0 0	0.00 0.00 0.00 0.00	11 10 9 8 7	0
PPP5C_MUT	TTN	0 0 0 5	0.00 0.00 0.00 0.01	13 7 5 2 0	0
PPP5C_MUT	ACTBL2	18 15 0 0	0.00 0.00 0.00 0.00	81 40 33 28 24	0

PPP5C_MUT	LOC651751	0 12 25 2	0.00 0.00 0.02 0.00	32 14 11 9 0	0
PPP5C_MUT	HSPA1L	0 0 5 0	0.00 0.00 0.00 0.00	22 18 16 15 13	0
PPP5C_MUT	TUBB	10 20 0 0	0.00 0.00 0.00 0.00	66 49 40 40 38	0
PPP5C_MUT	KRT6B	0 9 0 0	0.00 0.00 0.00 0.00	22 19 12 10 9	0
PPP5C_MUT	CLTC	1 0 0 0	0.00 0.00 0.00 0.00	11 9 7 6 3	0
PPP5C_MUT	MYL6	0 9 0 0	0.00 0.00 0.00 0.00	32 12 7 5 4	0
PPP5C_MUT	RPL12	0 3 0 0	0.00 0.00 0.00 0.00	7 6 6 5 5	0
PPP5C_MUT	ACTA1	0 30 26 12	0.00 0.00 0.00 0.00	64 48 43 31 22	0
PPP5C_MUT	TUBB2C	8 0 0 0	0.00 0.00 0.00 0.00	57 43 42 40 37	0
PPP5C_MUT	TUBA1A	0 10 0 0	0.00 0.00 0.00 0.00	23 27 45 33 0	0
PPP5C_MUT	DBN1	12 0 0 7	0.01 0.00 0.00 0.01	21 7 4 4 2	0
PPP5C_MUT	RPS16	0 4 0 0	0.00 0.00 0.00 0.00	7 7 5 4 4	0
PPP5C_MUT	RPLP2	0 3 0 0	0.00 0.00 0.00 0.00	22 22 19 15 13	0
PPP5C_MUT	MYO1C	9 0 0 0	0.00 0.00 0.00 0.00	25 6 5 4 4	0
PPP5C_MUT	SPTAN1	8 3 0 0	0.00 0.00 0.00 0.00	22 18 15 12 9	0
PPP5C_MUT	SPTBN1	6 0 0 0	0.00 0.00 0.00 0.00	12 10 8 8 7	0
PPP5C_MUT	MYO1B	5 0 0 0	0.00 0.00 0.00 0.00	2 11 2 0 0	0
PPP5C_MUT	MYH10	4 15 0 5	0.00 0.00 0.00 0.00	92 28 8 4 4	0
PPP5C_MUT	HNRNPK	2 6 0 0	0.00 0.00 0.00 0.00	20 16 14 14 6	0
PPP5C_MUT	CORO1C	2 0 0 0	0.00 0.00 0.00 0.00	2 3 13 0 0	0
PPP5C_MUT	HIST1H4A	2 11 8 5	0.00 0.00 0.00 0.00	16 12 9 6 6	0
PPP5C_MUT	HNRNPH1	2 0 0 0	0.00 0.00 0.00 0.00	7 6 6 5 4	0
PPP5C_MUT	MYO6	2 0 0 0	0.00 0.00 0.00 0.00	12 3 1 0 0	0
PPP5C_MUT	MYL12A	1 22 0 0	0.00 0.01 0.00 0.00	35 10 7 4 4	0
PPP5C_MUT	GSN	1 0 0 0	0.00 0.00 0.00 0.00	6 1 0 0 0	0
PPP5C_MUT	MYO1D	1 0 0 0	0.00 0.00 0.00 0.00	2 21 1 1 0	0
PPP5C_MUT	SFRS6	0 4 0 0	0.00 0.01 0.00 0.00	1 3 2 2 1	0
PPP5C_MUT	RPS20	0 4 0 0	0.00 0.00 0.00	3 4 3 1 1	0

			0.00		
PPP5C_MUT	TPM3	0 3 0 0	0.00 0.00 0.00 0.00	10 6 5 1 0	0
PPP5C_MUT	RPL11	0 3 0 0	0.00 0.00 0.00 0.00	7 5 3 3 2	0
PPP5C_MUT	HNRNPD	0 2 0 0	0.00 0.00 0.00 0.00	10 8 7 4 2	0
PPP5C_MUT	HNRNPAB	0 2 0 0	0.00 0.00 0.00 0.00	11 3 3 2 2	0
PPP5C_MUT	SUB1	0 2 0 0	0.00 0.00 0.00 0.00	2 1 3 5 0	0
PPP5C_MUT	DDX5	0 2 0 0	0.00 0.00 0.00 0.00	8 7 4 4 2	0
PPP5C_MUT	RPL22	0 2 0 0	0.00 0.00 0.00 0.00	1 2 1 2 3	0
PPP5C_MUT	VCP	0 1 1 0	0.00 0.00 0.00 0.00	5 4 4 2 2	0
PPP5C_MUT	HNRNPA3	0 0 3 0	0.00 0.00 0.01 0.00	9 8 7 5 4	0
PPP5C_MUT	HNRNPA0	0 0 2 0	0.00 0.00 0.00 0.00	8 4 4 4 2	0
PPP5C_MUT	TPM4	0 0 1 0	0.00 0.00 0.01 0.00	7 0 0 0 0	0
PPP5C_MUT	HIST1H2AI	0 0 0 7	0.00 0.00 0.00 0.01	12 5 4 4 4	0
PPP5C_MUT	PARP1	0 0 0 2	0.00 0.00 0.00 0.00	36 10 4 4 4	0
HSP90AA1	STIP1	49 96 81 77	1.00 1.00 1.00 1.00	0 0 0 0 0	1
HSP90AA1	HSP90AB1	2265 1771 1406 716	1.00 1.00 1.00 1.00	9 8 7 4 4	1
HSP90AA1	HSP90AA1	2608 2222 1676 853	1.00 1.00 1.00 1.00	10 9 7 7 4	1
HSP90AA1	HSPA1B	292 240 177 122	1.00 1.00 1.00 1.00	36 25 24 18 17	1
HSP90AA1	HSPA8	189 224 197 124	1.00 1.00 1.00 1.00	26 26 20 20 18	1
HSP90AA1	CDC37	41 23 11 29	1.00 1.00 1.00 1.00	0 0 0 0 0	1
HSP90AA1	FKBP4	16 21 8 38	1.00 1.00 0.99 1.00	0 0 0 0 0	0.9 9
HSP90AA1	STUB1	20 28 9 14	1.00 1.00 0.98 1.00	0 0 0 0 0	0.9 9
HSP90AA1	TOMM34	2 4 3 6	0.98 1.00 0.99 0.99	0 0 0 0 0	0.9 9
HSP90AA1	FKBP5	3 7 24 5	0.96 1.00 1.00 1.00	0 0 0 0 0	0.9 9
HSP90AA1	GIGYF2	2 2 2 4	0.97 0.98 0.96 0.99	0 0 0 0 0	0.9 7
HSP90AA1	FKBP8	3 6 10 1	0.99 0.99 0.99 0.85	0 0 0 0 0	0.9 5
HSP90AA1	TUBB2B	167 118 215 73	0.94 0.94 0.94 0.92	37 31 29 0 0	0.9 4
HSP90AA1	SSBP1	4 8 6 10	0.90 0.95 0.96 0.95	1 0 0 0 0	0.9 4

HSP90AA1	TUBB	207 167 301 88	0.93 0.93 0.94 0.92	66 49 40 40 38	0.9 3
HSP90AA1	TUBA1A	287 190 190 80	0.94 0.94 0.94 0.92	23 27 45 33 0	0.9 3
HSP90AA1	TUBB2C	173 130 302 86	0.88 0.88 0.88 0.86	57 43 42 40 37	0.8 7
HSP90AA1	DNAJA1	2 4 12 1	0.58 0.74 0.79 0.51	2 1 0 0 0	0.6 6
HSP90AA1	RPAP3	1 0 4 3	0.77 0.00 0.95 0.94	0 0 0 0 0	0.6 6
HSP90AA1	PDRG1	1 3 3 0	0.74 0.91 0.91 0.00	0 0 0 0 0	0.6 4
HSP90AA1	DNAJA2	2 4 4 3	0.51 0.67 0.64 0.68	2 1 1 0 0	0.6 3
HSP90AA1	FASN	2 2 1 0	0.89 0.89 0.72 0.00	0 0 0 0 0	0.6 3
HSP90AA1	TTC4	1 1 0 3	0.75 0.77 0.00 0.93	0 0 0 0 0	0.6 1
HSP90AA1	HSPA4	0 1 1 5	0.00 0.76 0.70 0.94	0 0 0 0 0	0.6
HSP90AA1	POLR2E	2 1 2 3	0.60 0.41 0.55 0.74	2 0 0 0 0	0.5 7
HSP90AA1	IRS4	0 1 9 8	0.00 0.46 0.86 0.85	1 0 0 0 0	0.5 4
HSP90AA1	TUBAL3	9 7 4 9	0.55 0.53 0.44 0.54	3 0 0 0 0	0.5 2
HSP90AA1	ITPRIP	2 0 0 7	0.87 0.00 0.00 0.93	0 0 0 0 0	0.4 5
HSP90AA1	TERF2IP	4 0 2 0	0.90 0.00 0.85 0.00	0 0 0 0 0	0.4 4
HSP90AA1	C19orf2	0 0 2 5	0.00 0.00 0.85 0.92	0 0 0 0 0	0.4 4
HSP90AA1	C8orf30A	2 3 0 0	0.84 0.89 0.00 0.00	0 0 0 0 0	0.4 3
HSP90AA1	WDR92	0 1 4 0	0.00 0.72 0.90 0.00	0 0 0 0 0	0.4 1
HSP90AA1	DNAJC8	0 1 0 3	0.00 0.75 0.00 0.90	0 0 0 0 0	0.4 1
HSP90AA1	EEF2	2 0 2 1	0.56 0.00 0.51 0.50	2 0 0 0 0	0.3 9
HSP90AA1	DNAJC7	0 0 1 2	0.00 0.00 0.64 0.86	0 0 0 0 0	0.3 8
HSP90AA1	PASD1	2 0 1 0	0.83 0.00 0.64 0.00	0 0 0 0 0	0.3 7
HSP90AA1	ARHGEF3	0 1 0 1	0.00 0.72 0.00 0.75	0 0 0 0 0	0.3 7
HSP90AA1	SLC38A10	0 1 0 1	0.00 0.73 0.00 0.76	0 0 0 0 0	0.3 7
HSP90AA1	RGS7	1 0 0 1	0.67 0.00 0.00 0.76	0 0 0 0 0	0.3 6
HSP90AA1	RPS27	0 2 0 4	0.00 0.64 0.00 0.80	1 1 0 0 0	0.3 6
HSP90AA1	RUVBL1	0 1 1 4	0.00 0.42 0.30 0.72	2 0 0 0 0	0.3 6
HSP90AA1	ARF1	0 0 1 1	0.00 0.00 0.67	0 0 0 0 0	0.3

			0.78		6
HSP90AA1	MYO3B	0 0 1 1	0.00 0.00 0.63 0.76	0 0 0 0 0	0.3 5
HSP90AA1	YWHAE	0 3 0 2	0.00 0.66 0.00 0.66	2 0 0 0 0	0.3 3
HSP90AA1	FANCD2	0 1 1 0	0.00 0.69 0.63 0.00	0 0 0 0 0	0.3 3
HSP90AA1	DSP	0 1 1 0	0.00 0.63 0.60 0.00	0 0 0 0 0	0.3 1
HSP90AA1	LRRIQ1	1 0 0 10	0.45 0.00 0.00 0.74	2 0 0 0 0	0.3
HSP90AA1	BAG2	0 0 3 2	0.00 0.00 0.54 0.58	2 0 0 0 0	0.2 8
HSP90AA1	UNC45A	1 0 2 0	0.42 0.00 0.54 0.00	1 0 0 0 0	0.2 4
HSP90AA1	TUBA8	0 0 143 0	0.00 0.00 0.97 0.00	0 0 0 0 0	0.2 4
HSP90AA1	TRIP12	0 8 0 0	0.00 0.90 0.00 0.00	0 0 0 0 0	0.2 3
HSP90AA1	TUBA1B	330 203 219 0	0.30 0.29 0.29 0.00	34 25 0 0 0	0.2 2
HSP90AA1	GCN1L1	0 0 4 0	0.00 0.00 0.87 0.00	0 0 0 0 0	0.2 2
HSP90AA1	TNIP3	0 0 0 3	0.00 0.00 0.00 0.87	0 0 0 0 0	0.2 2
HSP90AA1	CYP7B1	0 0 0 5	0.00 0.00 0.00 0.89	0 0 0 0 0	0.2 2
HSP90AA1	RIBC2	0 0 0 4	0.00 0.00 0.00 0.89	0 0 0 0 0	0.2 2
HSP90AA1	ZNF174	0 0 0 4	0.00 0.00 0.00 0.88	0 0 0 0 0	0.2 2
HSP90AA1	SDF4	0 0 0 2	0.00 0.00 0.00 0.84	0 0 0 0 0	0.2 1
HSP90AA1	TP53RK	3 0 0 0	0.85 0.00 0.00 0.00	0 0 0 0 0	0.2 1
HSP90AA1	DNAJA3	0 0 3 0	0.00 0.00 0.83 0.00	0 0 0 0 0	0.2 1
HSP90AA1	ARHGAP10	0 0 0 2	0.00 0.00 0.00 0.85	0 0 0 0 0	0.2 1
HSP90AA1	AHSA1	0 0 0 2	0.00 0.00 0.00 0.85	0 0 0 0 0	0.2 1
HSP90AA1	RP11-345P4.4	0 0 0 2	0.00 0.00 0.00 0.82	0 0 0 0 0	0.2 1
HSP90AA1	TFB2M	0 0 0 2	0.00 0.00 0.00 0.85	0 0 0 0 0	0.2 1
HSP90AA1	USP19	2 0 0 0	0.79 0.00 0.00 0.00	0 0 0 0 0	0.2
HSP90AA1	ARL1	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
HSP90AA1	DNAJB6	0 2 0 0	0.00 0.81 0.00 0.00	0 0 0 0 0	0.2
HSP90AA1	AKAP5	0 0 2 0	0.00 0.00 0.79 0.00	0 0 0 0 0	0.2
HSP90AA1	CHUK	0 0 0 2	0.00 0.00 0.00 0.81	0 0 0 0 0	0.2

HSP90AA1	PFDN6	0 0 2 0	0.00 0.00 0.77 0.00	0 0 0 0 0	0.1 9
HSP90AA1	IKBKG	0 0 0 1	0.00 0.00 0.00 0.74	0 0 0 0 0	0.1 9
HSP90AA1	NFKB1	0 0 0 1	0.00 0.00 0.00 0.75	0 0 0 0 0	0.1 9
HSP90AA1	ASPN	0 0 0 1	0.00 0.00 0.00 0.74	0 0 0 0 0	0.1 9
HSP90AA1	PFDN2	0 0 0 1	0.00 0.00 0.00 0.71	0 0 0 0 0	0.1 8
HSP90AA1	NUDCD3	0 0 0 1	0.00 0.00 0.00 0.72	0 0 0 0 0	0.1 8
HSP90AA1	GALNT14	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 8
HSP90AA1	MLF2	0 0 0 1	0.00 0.00 0.00 0.74	0 0 0 0 0	0.1 8
HSP90AA1	LOC10029281 9	0 0 0 1	0.00 0.00 0.00 0.71	0 0 0 0 0	0.1 8
HSP90AA1	SGOL2	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 8
HSP90AA1	CBX4	0 0 0 1	0.00 0.00 0.00 0.72	0 0 0 0 0	0.1 8
HSP90AA1	RPL36A	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 8
HSP90AA1	CHIA	0 0 0 1	0.00 0.00 0.00 0.74	0 0 0 0 0	0.1 8
HSP90AA1	ULK3	0 0 0 1	0.00 0.00 0.00 0.72	0 0 0 0 0	0.1 8
HSP90AA1	MCF2	0 0 0 1	0.00 0.00 0.00 0.71	0 0 0 0 0	0.1 8
HSP90AA1	SLC2A12	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	CARD8	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	NUP88	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	KLHL30	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	ATAD2B	0 0 0 1	0.00 0.00 0.00 0.71	0 0 0 0 0	0.1 8
HSP90AA1	LOC377711	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 8
HSP90AA1	SARM1	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	KCNH5	0 0 0 1	0.00 0.00 0.00 0.73	0 0 0 0 0	0.1 8
HSP90AA1	YWHAZ	0 1 0 0	0.00 0.67 0.00 0.00	0 0 0 0 0	0.1 7
HSP90AA1	IKBKB	0 1 0 0	0.00 0.67 0.00 0.00	0 0 0 0 0	0.1 7
HSP90AA1	NUPL2	0 1 0 0	0.00 0.69 0.00 0.00	0 0 0 0 0	0.1 7
HSP90AA1	UTY	0 1 0 0	0.00 0.68 0.00 0.00	0 0 0 0 0	0.1 7
HSP90AA1	NACA	0 0 0 3	0.00 0.00 0.00	2 0 0 0 0	0.1

			0.69		7
HSP90AA1	EIF4E2	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 7
HSP90AA1	RPS27L	0 0 0 2	0.00 0.00 0.00 0.70	1 0 0 0 0	0.1 7
HSP90AA1	B4GALNT1	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 7
HSP90AA1	UBA5	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 7
HSP90AA1	DNA2	0 0 0 1	0.00 0.00 0.00 0.70	0 0 0 0 0	0.1 7
HSP90AA1	TEX15	0 0 0 1	0.00 0.00 0.00 0.69	0 0 0 0 0	0.1 7
HSP90AA1	TUBB4	126 0 287 54	0.23 0.00 0.24 0.17	17 30 26 29 26	0.1 6
HSP90AA1	GTF3C4	1 0 0 0	0.65 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	ZNF572	1 0 0 0	0.64 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	CCDC93	1 0 0 0	0.65 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	CKM	1 0 0 0	0.64 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	HGS	1 0 0 0	0.66 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	CHRN4	1 0 0 0	0.65 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	TMEM67	1 0 0 0	0.66 0.00 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	DSCAM	0 1 0 0	0.00 0.63 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	ZNF605	0 1 0 0	0.00 0.65 0.00 0.00	0 0 0 0 0	0.1 6
HSP90AA1	DNAH14	1 0 0 0	0.62 0.00 0.00 0.00	0 0 0 0 0	0.1 5
HSP90AA1	RFC5	0 0 1 0	0.00 0.00 0.59 0.00	0 0 0 0 0	0.1 5
HSP90AA1	ARAF	0 0 1 0	0.00 0.00 0.59 0.00	0 0 0 0 0	0.1 5
HSP90AA1	CDK1	0 0 1 0	0.00 0.00 0.59 0.00	0 0 0 0 0	0.1 5
HSP90AA1	PDCD2	0 0 1 0	0.00 0.00 0.57 0.00	0 0 0 0 0	0.1 4
HSP90AA1	FANCI	0 0 1 0	0.00 0.00 0.57 0.00	0 0 0 0 0	0.1 4
HSP90AA1	ADCK4	0 0 1 0	0.00 0.00 0.57 0.00	0 0 0 0 0	0.1 4
HSP90AA1	LOC100289289	0 0 1 0	0.00 0.00 0.57 0.00	0 0 0 0 0	0.1 4
HSP90AA1	AIFM1	0 0 0 1	0.00 0.00 0.00 0.50	1 0 0 0 0	0.1 2
HSP90AA1	ATP2A2	0 0 0 1	0.00 0.00 0.00 0.46	2 0 0 0 0	0.1 2
HSP90AA1	TIMM50	0 0 2 6	0.00 0.00 0.11 0.34	2 1 3 0 0	0.1 1

HSP90AA1	NME2	0 0 0 1	0.00 0.00 0.00 0.43	2 0 0 0 0	0.1 1
HSP90AA1	RPS15	1 0 0 0	0.41 0.00 0.00 0.00	1 0 0 0 0	0.1
HSP90AA1	RPS27A	0 0 0 2	0.00 0.00 0.00 0.39	1 1 2 2 0	0.1
HSP90AA1	PSMC4	0 1 0 0	0.00 0.38 0.00 0.00	2 0 0 0 0	0.0 9
HSP90AA1	PGD	0 0 0 1	0.00 0.00 0.00 0.34	2 2 1 0 0	0.0 9
HSP90AA1	ATP5C1	0 0 1 0	0.00 0.00 0.32 0.00	1 0 0 0 0	0.0 8
HSP90AA1	TUBA1C	0 0 210 82	0.00 0.00 0.15 0.14	45 38 27 23 22	0.0 7
HSP90AA1	RPL23	0 1 4 1	0.00 0.08 0.10 0.09	2 2 3 1 2	0.0 7
HSP90AA1	HNRNPF	1 2 0 0	0.07 0.12 0.00 0.00	1 3 2 0 0	0.0 5
HSP90AA1	HSPA9	1 2 3 9	0.02 0.02 0.01 0.10	7 4 4 3 3	0.0 4
HSP90AA1	TUBB6	0 0 90 28	0.00 0.00 0.12 0.06	21 17 16 14 13	0.0 4
HSP90AA1	RPL10	0 2 1 2	0.00 0.04 0.03 0.05	4 4 4 3 2	0.0 3
HSP90AA1	RCN2	3 1 8 3	0.03 0.03 0.03 0.04	9 9 6 5 5	0.0 3
HSP90AA1	TPD52L3	0 0 0 2	0.00 0.00 0.00 0.14	3 1 2 1 0	0.0 3
HSP90AA1	MACF1	0 0 0 1	0.00 0.00 0.00 0.12	3 2 0 0 0	0.0 3
HSP90AA1	HIST1H1C	2 2 0 7	0.04 0.04 0.00 0.03	12 10 9 6 5	0.0 3
HSP90AA1	NAP1L1	1 1 0 0	0.06 0.06 0.00 0.00	1 4 4 4 4	0.0 3
HSP90AA1	RUVBL2	0 5 2 4	0.00 0.06 0.02 0.07	2 5 1 0 0	0.0 3
HSP90AA1	TCOF1	0 0 0 2	0.00 0.00 0.00 0.11	1 3 3 0 0	0.0 3
HSP90AA1	HSPA6	0 0 52 0	0.00 0.00 0.09 0.00	4 9 5 10 14	0.0 2
HSP90AA1	EEF1A1	5 4 5 6	0.02 0.01 0.02 0.02	22 19 18 12 11	0.0 2
HSP90AA1	HSPA5	0 0 30 13	0.00 0.00 0.04 0.03	14 13 12 10 9	0.0 2
HSP90AA1	HSPD1	3 10 5 1	0.01 0.03 0.02 0.01	12 10 5 3 1	0.0 2
HSP90AA1	RPS18	0 3 2 5	0.00 0.03 0.03 0.03	12 11 9 8 6	0.0 2
HSP90AA1	HNRNPA1	0 2 0 2	0.00 0.04 0.00 0.04	13 12 12 12 10	0.0 2
HSP90AA1	SERBP1	2 1 0 0	0.03 0.03 0.00 0.00	1 4 2 1 0	0.0 2
HSP90AA1	HIST1H2BG	0 1 0 0	0.00 0.07 0.00 0.00	3 2 0 0 0	0.0 2
HSP90AA1	RPL36	0 1 0 0	0.00 0.07 0.00	2 3 2 0 0	0.0

			0.00		2
HSP90AA1	RPL24	0 0 0 1	0.00 0.00 0.00 0.07	3 3 2 2 2	0.0 2
HSP90AA1	KRT10	2 2 2 2	0.01 0.01 0.01 0.01	70 38 33 25 24	0.0 1
HSP90AA1	PRPF8	0 1 0 0	0.00 0.05 0.00 0.00	10 6 5 3 1	0.0 1
HSP90AA1	KRT16	0 0 0 1	0.00 0.00 0.00 0.02	13 7 7 8 0	0.0 1
HSP90AA1	VIM	0 0 0 1	0.00 0.00 0.00 0.05	12 11 4 4 3	0.0 1
HSP90AA1	HNRNPM	0 1 2 1	0.00 0.01 0.01 0.01	44 33 31 25 16	0.0 1
HSP90AA1	RPS4X	0 0 1 0	0.00 0.00 0.02 0.00	17 15 6 6 6	0.0 1
HSP90AA1	NPM1	13 10 6 9	0.01 0.01 0.01 0.01	36 21 19 16 13	0.0 1
HSP90AA1	ATP5A1	0 1 0 0	0.00 0.05 0.00 0.00	8 8 6 5 5	0.0 1
HSP90AA1	RPLP0	0 3 1 2	0.00 0.02 0.02 0.01	20 14 14 11 10	0.0 1
HSP90AA1	PRMT5	39 55 26 40	0.00 0.02 0.00 0.02	66 64 55 54 50	0.0 1
HSP90AA1	RPS3	0 0 5 4	0.00 0.00 0.02 0.02	17 16 12 9 9	0.0 1
HSP90AA1	EIF3F	0 1 0 0	0.00 0.02 0.00 0.00	5 4 2 2 1	0.0 1
HSP90AA1	RPL13	0 1 0 3	0.00 0.03 0.00 0.03	12 10 8 5 3	0.0 1
HSP90AA1	RPL3	0 3 0 1	0.00 0.02 0.00 0.02	9 9 5 5 5	0.0 1
HSP90AA1	CLTC	1 0 0 0	0.02 0.00 0.00 0.00	11 9 7 6 3	0.0 1
HSP90AA1	RPL7A	0 3 0 2	0.00 0.02 0.00 0.02	8 7 5 5 5	0.0 1
HSP90AA1	SPTBN1	0 2 0 0	0.00 0.02 0.00 0.00	12 10 8 8 7	0.0 1
HSP90AA1	HNRNPK	0 3 3 1	0.00 0.02 0.02 0.02	20 16 14 14 6	0.0 1
HSP90AA1	HNRNPH1	0 0 0 3	0.00 0.00 0.00 0.03	7 6 6 5 4	0.0 1
HSP90AA1	SUB1	0 0 0 2	0.00 0.00 0.00 0.03	2 1 3 5 0	0.0 1
HSP90AA1	HIST1H2AI	0 0 0 2	0.00 0.00 0.00 0.02	12 5 4 4 4	0.0 1
HSP90AA1	WDR77	16 31 17 8	0.01 0.03 0.01 0.01	18 17 17 16 16	0.0 1
HSP90AA1	XRCC5	3 7 1 0	0.02 0.01 0.02 0.00	15 10 6 5 5	0.0 1
HSP90AA1	IVNS1ABP	3 4 3 2	0.01 0.01 0.01 0.02	22 22 15 9 8	0.0 1
HSP90AA1	CLQBP	4 0 2 0	0.02 0.00 0.01 0.00	6 5 4 3 2	0.0 1
HSP90AA1	PPM1B	7 16 1 8	0.01 0.01 0.01 0.01	74 73 40 29 29	0.0 1

HSP90AA1	SNRPD1	2 2 0 0	0.01 0.02 0.00 0.00	6 3 3 3 2	0.0 1
HSP90AA1	TXN	2 2 0 0	0.02 0.03 0.00 0.00	4 4 4 3 3	0.0 1
HSP90AA1	DYNC1H1	1 2 0 0	0.02 0.03 0.00 0.00	2 3 2 10 0	0.0 1
HSP90AA1	CLNS1A	0 3 0 0	0.00 0.03 0.00 0.00	16 13 11 10 8	0.0 1
HSP90AA1	RPS7	0 4 0 0	0.00 0.04 0.00 0.00	3 5 0 0 0	0.0 1
HSP90AA1	SF3B3	0 1 0 0	0.00 0.03 0.00 0.00	16 11 10 8 8	0.0 1
HSP90AA1	RPLP1	0 4 2 3	0.00 0.02 0.01 0.02	7 6 5 4 4	0.0 1
HSP90AA1	XRCC6	0 1 0 0	0.00 0.02 0.00 0.00	17 15 5 4 4	0.0 1
HSP90AA1	LOC10029445 9	0 2 0 1	0.00 0.03 0.00 0.03	2 6 3 4 3	0.0 1
HSP90AA1	RPL21	0 1 0 0	0.00 0.02 0.00 0.00	4 1 0 0 0	0.0 1
HSP90AA1	RPL18	0 1 1 0	0.00 0.03 0.02 0.00	7 4 4 4 3	0.0 1
HSP90AA1	SNRPD3	0 2 0 4	0.00 0.02 0.00 0.03	5 4 4 4 2	0.0 1
HSP90AA1	KCTD5	0 1 0 0	0.00 0.02 0.00 0.00	1 9 2 0 0	0.0 1
HSP90AA1	CMBL	0 2 0 6	0.00 0.03 0.00 0.02	16 15 10 10 9	0.0 1
HSP90AA1	RPL15	0 0 1 1	0.00 0.00 0.02 0.02	6 4 4 3 3	0.0 1
HSP90AA1	YBX1	0 0 0 1	0.00 0.00 0.00 0.02	8 7 6 6 4	0.0 1
HSP90AA1	OAT	0 0 0 1	0.00 0.00 0.00 0.03	4 0 0 0 0	0.0 1
HSP90AA1	PPP5C	0 0 4 4	0.00 0.00 0.00 0.00	0 0 0 0 0	0
HSP90AA1	KRT1	0 3 3 4	0.00 0.00 0.00 0.01	84 49 45 43 41	0
HSP90AA1	ACTB	0 1 0 0	0.00 0.00 0.00 0.00	334 113 94 9 1 53	0
HSP90AA1	KRT9	0 2 0 3	0.00 0.01 0.00 0.01	63 39 29 27 25	0
HSP90AA1	KRT2	0 2 0 0	0.00 0.01 0.00 0.00	47 32 27 21 20	0
HSP90AA1	STK38	3 15 9 6	0.00 0.00 0.00 0.00	101 80 55 49 48	0
HSP90AA1	FLNA	0 2 0 0	0.00 0.00 0.00 0.00	99 96 95 36 36	0
HSP90AA1	QPCT	2 3 0 0	0.00 0.00 0.00 0.00	31 11 11 9 9	0
HSP90AA1	RPL5	0 0 0 1	0.00 0.00 0.00 0.02	8 8 7 7 2	0
HSP90AA1	EIF4B	3 6 0 0	0.01 0.01 0.00 0.00	29 22 14 12 11	0
HSP90AA1	NCL	3 2 0 1	0.00 0.00 0.00	34 27 26 24	0

			0.00	22	
HSP90AA1	RPL17	0 0 0 2	0.00 0.00 0.00 0.02	5 5 5 3 2	0
HSP90AA1	RPS9	0 0 0 2	0.00 0.00 0.00 0.01	9 4 3 3 2	0
HSP90AA1	EPRS	0 0 0 1	0.00 0.00 0.00 0.02	3 2 9 2 1	0
HSP90AA1	RPL34	0 0 0 1	0.00 0.00 0.00 0.01	8 4 3 2 2	0
HSP90AA1	KIF11	8 9 8 16	0.00 0.00 0.00 0.00	255 107 96 6 9 58	0
HSP90AA1	ACTA1	0 0 2 0	0.00 0.00 0.01 0.00	64 48 43 31 22	0
HSP90AA1	KRT79	0 0 0 3	0.00 0.00 0.00 0.01	13 2 0 0 0	0
HSP90AA1	RPLP2	3 3 0 0	0.01 0.01 0.00 0.00	22 22 19 15 13	0
HSP90AA1	SPTAN1	0 1 0 0	0.00 0.01 0.00 0.00	22 18 15 12 9	0
HSP90AA1	CORO1C	0 0 1 0	0.00 0.00 0.00 0.00	2 3 13 0 0	0
HSP90AA1	HNRNPD	0 0 0 1	0.00 0.00 0.00 0.02	10 8 7 4 2	0
HSP90AA1	HNRNPAB	0 0 0 1	0.00 0.00 0.00 0.00	11 3 3 2 2	0
HSP90AA1	DDX5	0 0 1 0	0.00 0.00 0.01 0.00	8 7 4 4 2	0
HSP90AA1	RPS2	1 0 0 0	0.02 0.00 0.00 0.00	3 3 5 1 0	0
HSP90AA1	MAP1B	0 2 0 2	0.00 0.00 0.00 0.01	8 12 17 0 0	0
HSP90AA1	PRPS1	0 1 0 0	0.00 0.01 0.00 0.00	22 15 13 11 6	0
HSP90AA1	RPL23A	0 1 0 0	0.00 0.01 0.00 0.00	7 2 2 2 2	0
HSP90AA1	C11orf84	0 1 0 0	0.00 0.02 0.00 0.00	19 16 13 9 8	0
HSP90AA1	PABPC1	0 0 2 0	0.00 0.00 0.01 0.00	10 8 7 4 3	0
HSP90AA1	RPL9	0 0 1 0	0.00 0.00 0.01 0.00	6 5 4 4 2	0
HSP90AA1	RBM10	0 0 0 2	0.00 0.00 0.00 0.01	22 18 16 13 11	0
HSP90AA1	RPL6	0 0 0 1	0.00 0.00 0.00 0.01	8 7 5 3 3	0
HSP90AA1	RIOK1	0 0 0 1	0.00 0.00 0.00 0.01	7 5 2 2 1	0