

**Supplemental Table S3A.** Proteins identified from FLAG pulldowns .

Protein ID	Description	Gene name	Ratios				Log2 ratios				n
			DHJLF4	JHDLF4	DHJLF3	JHDLF3	DHJLF4	JHDLF4	DHJLF3	JHDLF3	
<b>Q5F356;F1NKL5</b>	<b>Phosphatidylinositol-5-phosphate 4-kinase type-2 alpha</b>	<b>PIP4K2A</b>	<b>0.197</b>	<b>7.489</b>		<b>1.371</b>	<b>-2.340</b>	<b>2.905</b>		0.455	<b>3</b>
<b>F1NLK4</b>	<b>Uncharacterized protein (Fragment)</b>	<b>PIP4K2B</b>	<b>0.126</b>	<b>2.933</b>		<b>6.877</b>	<b>-2.988</b>	<b>1.552</b>		<b>2.782</b>	<b>3</b>
F1NVR9	Uncharacterized protein (Fragment)	KCTD14	0.443	2.913			<b>-1.175</b>	<b>1.543</b>			<b>2</b>
F1NCR3;Q5ZIZ4	<b>Cytosolic purine 5-nucleotidase</b>	NT5C2	0.300	2.664	0.644	0.173	<b>-1.736</b>	<b>1.413</b>	-0.635	<b>-2.531</b>	<b>4</b>
F1NHE3;Q5ZK11	Uncharacterized protein	CLIC2	0.728	2.504			-0.457	<b>1.324</b>			<b>2</b>
E1C8Z7	Uncharacterized protein	STK38	0.498	2.161		0.781	<b>-1.005</b>	<b>1.111</b>		-0.356	<b>3</b>
P11501;F1NVN4;Q5ZKZ3;Q2XQE5;F	Heat shock protein HSP 90-alpha	HSP90AA1	0.664	2.074			-0.591	<b>1.052</b>			<b>2</b>
E1C3J7	Uncharacterized protein	BTD	0.615	2.067	0.160	2.023	-0.701	<b>1.047</b>	<b>-2.647</b>	1.016	<b>4</b>
F1P4H4;Q5ZIM7	<b>Uncharacterized protein</b>	TXNDC5		2.061	0.131	2.084		<b>1.043</b>	<b>-2.929</b>	1.059	<b>3</b>
B0FLP0;P31335;Q5U784;Q5U785;Q	Aminoimidazole-4-carboxamide ribonucleotide transformylase/IMP	PURH	0.651	1.986			-0.618	<b>0.990</b>			<b>2</b>
F1NHI9;Q5ZHU4	6-phosphofructokinase (Fragment)	PFKP	0.534	1.958			<b>-0.904</b>	<b>0.969</b>			<b>2</b>
F1NGE2;P0CG62;F1NAV4;F1NGE3;C	Ubiquitin (Fragment)	UBB	0.399	1.953			<b>-1.325</b>	<b>0.966</b>			<b>2</b>
F1NWB7;P08110;Q90WA6;B5AAV6	<b>Endoplasmic reticulum chaperone</b>	HSP90B1	0.886	1.943			-0.174	<b>0.958</b>			<b>2</b>
P00508;F1P180	Aspartate aminotransferase, mitochondrial	GOT2	0.729	1.787	0.452	1.348	-0.455	<b>0.838</b>	<b>-1.145</b>	0.431	<b>4</b>
Q90593	<b>78 kDa glucose-regulated protein</b>	HSPA5	0.570	1.737	0.667	1.402	<b>-0.812</b>	<b>0.797</b>	-0.585	0.487	<b>4</b>
F1P5K7;Q5ZMG9	T-complex protein 1 subunit alpha	TCP1	0.517	1.730	1.091		<b>-0.952</b>	<b>0.791</b>	0.126		<b>3</b>
F1N8F0;Q9YGM2	<b>Delta-9 desaturase</b>	SCD	0.764	1.709	3.001	2.267	-0.388	<b>0.773</b>	<b>1.585</b>	1.181	<b>4</b>
E1C3A9;F1NNX1;P81021	<b>Vigilin</b>	HDLBP	0.809	1.647			-0.305	<b>0.720</b>			<b>2</b>
F1NW35;E1BTT8;P00340	L-lactate dehydrogenase (Fragment)	LDHA	1.780	1.639	1.095		0.832	<b>0.713</b>	0.130		<b>3</b>
F1NT20;E1BV95;Q5ZHQ4	Uncharacterized protein (Fragment)	ACAT2	0.381	1.619			<b>-1.394</b>	<b>0.695</b>			<b>2</b>
E5DEA6;E5DFI5;E5DFL1;P18944;Q4	Cytochrome c oxidase subunit 2 <i>jabouillei</i>	COX2	0.535	1.596			<b>-0.902</b>	<b>0.674</b>			<b>2</b>
Q6XD56;F1NNR6	Uncharacterized protein	ILKAP		1.573	2.310			<b>0.654</b>	<b>1.208</b>		<b>2</b>
F1P3F9	<b>Glutamate dehydrogenase (Fragment)</b>	GLUD1	0.283	1.553	1.045	0.440	<b>-1.819</b>	0.635	0.063	-1.184	<b>4</b>
P15771;F1NU40;F1P336	Nucleolin	NCL	0.559	1.542	1.054	1.691	<b>-0.840</b>	0.625	0.075	0.758	<b>4</b>
F1NRW7;F1NWP3;O73885;B3VHV2	Heat shock cognate 71 kDa protein (Fragment)	HSPA8	0.727	1.522			-0.459	0.605			<b>2</b>
Q5F3T2	Uncharacterized protein	SEPT9		1.512	0.832	0.724		0.597	-0.266	-0.466	<b>3</b>
F1NDY9;Q5ZK20	<b>Uncharacterized protein</b>	PDIA4	0.717	1.511	0.478	0.594	-0.481	0.596	<b>-1.065</b>	-0.750	<b>4</b>
F1NGA2;F1NI22;Q8UVX3;Q9DDH7;A	ATP synthase subunit alpha (Fragment)	ATP5A1	0.698	1.501			-0.518	0.586			<b>2</b>
P84175	40S ribosomal protein S12	RPS12	1.091	1.491				0.126	0.576		<b>2</b>
Q5ZMU9;F1P4V8;E1BTS8;E1BZ64	Valosin containing protein	vcp	0.688	1.480	1.335	0.155	-0.539	0.565	0.417	<b>-2.690</b>	<b>4</b>
E1C8R1;Q5ZKB9	Probable ATP-dependent RNA helicase DDX6	DDX6	0.537	1.478			<b>-0.898</b>	0.564			<b>2</b>
P22451;F2Z4K4	60S ribosomal protein L5	RPL5	0.977	1.460	1.588		-0.034	0.546	0.667		<b>3</b>
F1N286;Q5ZM98	Stress-70 protein, mitochondrial	HSPA9	0.781	1.404	0.871	1.209	-0.356	0.489	-0.200	0.274	<b>4</b>
F1NWF6;Q5ZJU3	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	1.085	1.403	0.743	4.324	0.118	0.489	-0.429	<b>2.112</b>	<b>4</b>
Q8JFP1;F1NTS2;Q5ZM36;E1BSE5	Eukaryotic initiation factor 4A-II	EIF4A2	0.568	1.390			<b>-0.815</b>	0.475			<b>2</b>
F1NY54;F1NEE5;Q5ZMK4	Uncharacterized protein	THRAP3	0.651	1.389	1.937	1.924	-0.619	0.474	0.954	0.944	<b>4</b>
Q5ZLU8;Q45KQ2	Putative uncharacterized protein	RCJMB04_4m1	0.997	1.387			-0.004	0.472			<b>2</b>
Q5ZJJ2	Replication protein A 70 kDa DNA-binding subunit	RPA1	0.784	1.386	0.900	1.541	-0.351	0.471	-0.151	0.624	<b>4</b>

Q5F3L2;F1NYE5;F1NDI3	Putative uncharacterized protein	RCJMB04_14f6	0.631	1.384	0.990	0.841	-0.665	0.469	-0.015	-0.249	4
Q9W7P7;F1NJF0;REV_F1P051	P32 subunit of splicing factor SF2 (Fragment)	SF2	0.809	1.382	0.565		-0.306	0.466	<b>-0.823</b>		3
F1NGB1;Q5ZHR1;F1NCP9	Uncharacterized protein	NUCB2	0.979	1.356	1.750	0.297	-0.030	0.439	0.807	-1.751	4
F1NTT0;F1N9T0;P23228	Hydroxymethylglutaryl-CoA synthase, cytoplasmic (Fragment)	HMGCS1	0.834	1.348			-0.261	0.431			2
P00368	Glutamate dehydrogenase 1, mitochondrial	GLUD1	0.619	1.290	0.299	0.510	-0.691	0.368	<b>-1.740</b>	-0.972	4
Q90WD0;F1NW48	Actin-related protein 3	ACTR3	0.412	1.290			<b>-1.278</b>	0.367			2
P84172	Elongation factor Tu, mitochondrial (Fragment)	TUFM	1.302	1.288	1.480	3.082	0.381	0.366	0.566	<b>1.624</b>	4
Q5F491;F1NIX1;F1NIX2	Putative uncharacterized protein	RCJMB04_2a4	0.707	1.286			-0.500	0.363			2
P21868	Casein kinase II subunit alpha	CSNK2A1		1.283	1.175			0.360	0.233		2
F1NXY7;Q98TF8;F1N9J4	60S ribosomal protein L22 (Fragment)	RPL22	0.717	1.276	0.572		-0.480	0.352	<b>-0.807</b>		3
F1N914	Uncharacterized protein (Fragment)	PYCR2	1.577	1.272	0.572	1.307	0.657	0.347	<b>-0.806</b>	0.386	4
Q5ZL58	Uncharacterized protein	SNRPD3	1.264	1.260	1.231	4.892	0.338	0.333	0.300	<b>2.290</b>	4
E1BR89;F1NZ24;Q5ZLZ0	Uncharacterized protein	SLC25A3	0.863	1.248		0.452	-0.212	0.320		-1.145	3
F1NP63	Uncharacterized protein (Fragment)	KPNB1		1.230	2.145	1.130		0.299	1.101	0.177	3
Q5F424	Uncharacterized protein	CCT2	0.870	1.227	1.291	3.498	-0.201	0.295	0.368	<b>1.807</b>	4
F2Z4M0;Q9W7I5;Q9I8G9	Histone-binding protein RBBP4	RBBP4	0.661	1.224	1.912	0.504	-0.597	0.291	0.935	-0.987	4
E1BT08;E1C0H5;F1NC26;Q5F3J8	Uncharacterized protein	HSPH1	1.008	1.220			0.012	0.287			2
F1N9X5;Q5ZJC1;F1NPA9;Q6EE58	Uncharacterized protein	RPS3	1.023	1.219	1.069	1.104	0.032	0.285	0.097	0.143	4
Q6EE30	Eukaryotic translation elongation factor 1	eTEF1	0.581	1.211	1.622	0.858	<b>-0.783</b>	0.276	0.698	-0.222	4
P18359	Dextrin	DSTN	1.138	1.196	0.438	0.569	0.187	0.258	<b>-1.192</b>	-0.814	4
Q5ZL34;F1NGU9	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	1.383	1.180	1.468		0.468	0.239	0.554		3
F1NU36;F1NDD6;O57378	Uncharacterized protein (Fragment)	LRPAP1	1.017	1.177		0.344	0.025	0.235		-1.540	3
Q5ZLC5	ATP synthase subunit beta, mitochondrial	ATP5B	0.632	1.176	1.074	0.647	-0.662	0.233	0.103	-0.627	4
O57535;F1N910;F1P3E1;F1NC40	Nucleoside diphosphate kinase	NDK	0.752	1.169			-0.411	0.225			2
F1NKN0;Q5F411	Uncharacterized protein (Fragment)	CCT5	0.642	1.156	1.668	4.373	-0.639	0.209	0.738	<b>2.129</b>	4
P00548	Pyruvate kinase muscle isozyme	PKM2	0.640	1.152	1.050	4.959	-0.643	0.204	0.070	<b>2.310</b>	4
P08636;F1P597;F1NY38	40S ribosomal protein S17	RPS17	1.000	1.151	0.876		0.000	0.203	-0.191		3
F1NLS0;Q9DEA3	Proliferating cell nuclear antigen (Fragment)	PCNA	0.997	1.151	1.043	0.936	-0.004	0.203	0.061	-0.096	4
Q5ZMD1;Q5ZM05;F1NSY6	14-3-3 protein theta	YWHAQ	0.910	1.147	1.129		-0.135	0.198	0.175		3
F1NHL2	ubiquitin ligase complex	CAND1		1.144	0.472			0.194	<b>-1.084</b>		2
F1P010	Uncharacterized protein (Fragment)	ARPC4	0.667	1.141			-0.584	0.190			2
F1NH93	Uncharacterized protein (Fragment)	RPS20	0.907	1.141	0.769	0.509	-0.140	0.190	-0.378	-0.973	4
F1NW43;F1P4U1	Pyruvate kinase (Fragment)	PKM2	0.884	1.140	0.641	3.461	-0.177	0.189	-0.641	<b>1.791</b>	4
F1NEV9;P42558	GTP-binding nuclear protein Ran (Fragment)	RAN	1.392	1.136	0.469	0.548	0.477	0.184	<b>-1.092</b>	-0.868	4
Q5ZLG7;Q8AYM3;F1NFF6;F1NBW8	Putative uncharacterized protein	RCJMB04_6000	0.943	1.132	0.876		-0.085	0.179	-0.191		3
E1C8Q3	Uncharacterized protein	ALDH18A1		1.131	1.896	3.706		0.178	0.923	<b>1.890</b>	3
F1NPG8;Q9I8D6;Q5ZMG3	T-complex protein 1 subunit delta (Fragment)	CCT4	0.674	1.128	1.157	4.729	-0.570	0.173	0.210	<b>2.242</b>	4
E1BUZ8	Uncharacterized protein	RPL9	1.101	1.122			0.139	0.167			2
Q5ZJ54;F1NWH9	T-complex protein 1 subunit zeta	CCT6	0.588	1.122		3.707	<b>-0.765</b>	0.166		<b>1.890</b>	3
F1NBU1	Uncharacterized protein (Fragment)	RPS16	0.887	1.120	1.183	0.948	-0.173	0.163	0.242	-0.077	4

G1K332;F1NCK6;P62801;P70081;Q6	Histone H4 (Fragment)	H4	0.922	1.117	1.447	1.687	-0.117	0.159	0.533	0.755	4
P53488;F1NHN5;F1NRM5	Actin-related protein 2	ACTR2	0.297	1.115	0.404	0.628	-1.749	0.157	-1.309	-0.671	4
G8JL27;P63247	Guanine nucleotide-binding protein subunit beta-2-like 1 (Fragment)	GNB2L1	1.006	1.114	1.184	4.849	0.009	0.155	0.244	2.278	4
Q6EE62	Ribosomal protein (Fragment)	RPL10A	0.958	1.101	1.612	1.383	-0.062	0.138	0.689	0.468	4
F1NK96;F1N966;Q5F472	Uncharacterized protein	PDIA6	0.799	1.099	0.521	1.054	-0.323	0.136	-0.942	0.076	4
E1C4N0	Uncharacterized protein	RPS10	0.899	1.096	0.449	0.798	-0.154	0.133	-1.154	-0.326	4
Q98906	Microtubule-associated protein (Fragment)	MAP4	0.709	1.095			-0.495	0.131			2
Q5ZLX2	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	1.389	1.093	1.494	3.288	0.474	0.128	0.579	1.717	4
E1BZG4	Uncharacterized protein	EEF1D	1.165	1.089	1.035		0.220	0.122	0.049		3
F1NU17;P51903	Phosphoglycerate kinase	PGK1	0.920	1.078	0.368	0.827	-0.120	0.108	-1.441	-0.275	4
P47826;F1NB66	60S acidic ribosomal protein P0	RPLP0	0.972	1.075	1.128	2.443	-0.041	0.105	0.174	1.289	4
Q5ZL82	Uncharacterized protein	HSDL2		1.072	0.721			0.100	-0.472		2
F1NVF0;Q5ZL51	Uncharacterized protein	VPS35	0.874	1.071	1.538	0.916	-0.195	0.098	0.621	-0.127	4
Q9IAY5	Protein syndesmos	SDOS	0.840	1.070	0.983	0.595	-0.251	0.097	-0.025	-0.750	4
Q5ZL72	60 kDa heat shock protein, mitochondrial	HSPD1	0.544	1.068		1.562	-0.878	0.095		0.643	3
F1NC02	Proteasome subunit alpha type (Fragment)	PSMA4	1.809	1.064		2.831	0.855	0.090		1.501	3
Q5ZLR5	Cytochrome b-c1 complex subunit Rieske, mitochondrial	UQCRRF51	0.978	1.064	2.269	2.915	-0.032	0.090	1.182	1.544	4
Q5ZKM2;Q90835;F1N9H4;Q6PTX1	Elongation factor 1-alpha	EEF1A1	0.749	1.057	0.504	1.074	-0.417	0.080	-0.989	0.102	4
F1NK29;Q5ZM14	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	0.611	1.057			-0.710	0.079			2
E1BXS5	Uncharacterized protein	DECR1	1.662	1.055	0.971	1.770	0.733	0.077	-0.043	0.824	4
E1C4M0	Uncharacterized protein	RPS2	0.969	1.053	1.254	2.095	-0.046	0.074	0.326	1.067	4
Q90679	Thymocyte nuclear protein 1	THYN1	0.779	1.053	0.688	0.736	-0.361	0.074	-0.539	-0.442	4
E1BV44	Uncharacterized protein (exportin)	CSE1L	0.571	1.050	0.721	0.760	-0.807	0.070	-0.471	-0.396	4
F1NCI4;Q5ZJ56;F1NCI6	60S ribosomal protein L7 (Fragment)	RPL7	0.846	1.046	1.345		-0.242	0.064	0.427		3
F1NU56	Uncharacterized protein (Fragment)	RPS25	1.019	1.041	0.777		0.027	0.058	-0.364		3
F1P1A8	Uncharacterized protein (Fragment)	SMARCC1		1.041	1.207	0.810		0.058	0.271	-0.304	3
Q5ZKC9;F1NPX9;Q9PS14	14-3-3 protein zeta	YWHAZ	0.808	1.034	1.263		-0.307	0.048	0.337		3
F1NV05;F1NIJ6;Q5ZMU3;CON__Q3	Glucose-6-phosphate isomerase (Fragment)	GPI	1.059	1.028		1.077	0.083	0.039		0.107	3
Q5ZLH1	Uncharacterized protein	RPA2	1.168	1.026	0.426	1.449	0.224	0.037	-1.231	0.535	4
E1C8W4	Ubiquitin carboxyl-terminal hydrolase	USP5		1.013	0.888	0.503		0.019	-0.171	-0.990	3
E1BSD8	Uncharacterized protein	POLR2H	0.639	1.008	1.530		-0.647	0.011	0.614		3
F1NLM5	Uncharacterized protein (Fragment)	SNRPD1	0.768	1.005	0.965		-0.382	0.007	-0.052		3
Q5ZIT7;F1P3L9;F1NDQ1	Putative uncharacterized protein	RCJMB04_23k2/PSMC3		1.002	1.376	1.035		0.003	0.461	0.050	3
E1BTG1	Uncharacterized protein	RPL12	1.333	0.993	0.786	1.986	0.414	-0.011	-0.348	0.990	4
F1NW84;F1NVA4;P16039;Q6LEK3;F	Nucleophosmin (Fragment)	NPM1	0.916	0.991			-0.126	-0.013			2
B0LVF9;B0LVG0;F1NUN1	Microtubule-associated protein	MAPT	0.925	0.989			-0.113	-0.016			2
F1P304	Uncharacterized protein (Fragment)	ATP5O	0.799	0.989	1.409		-0.323	-0.016	0.495		3
F1P1A5	Uncharacterized protein (Fragment)	TKT	1.057	0.987	0.758	4.713	0.080	-0.019	-0.399	2.237	4
F1NBD7;P13863;F1NA68;A2IAR9;B6	Uncharacterized protein	CDC2	1.039	0.986	1.038	1.768	0.055	-0.020	0.054	0.822	4
P00356;F1NH87	Glyceraldehyde-3-phosphate dehydrogenase (Fragment)	GAPDH		0.978	0.322	1.451		-0.032	-1.637	0.537	3

DOEKR3	Peptidyl-prolyl cis-trans isomerase	PPCTI	0.740	0.976	0.182	2.071	-0.435	-0.035	<b>-2.458</b>	1.050	4
Q5ZIZ5	Uncharacterized protein	NONO	1.144	0.966	2.834	1.516	0.194	-0.050	<b>1.503</b>	0.600	4
F1NN16	Uncharacterized protein (Fragment)	RPS7	0.943	0.966	0.663	0.362	-0.085	-0.050	-0.592	<b>-1.467</b>	4
Q5ZJK8;F1NK38;F1NZN1	T-complex protein 1 subunit eta	CCT7	0.537	0.957		3.234	<b>-0.898</b>	-0.063		<b>1.693</b>	3
Q98TH5;F1N9W9;F1P553	Ribosomal protein S11	cRPS11	0.928	0.956	1.588		-0.107	-0.065	0.667		3
F1NB02;Q6EE57	40S ribosomal protein S8 (Fragment)	RPS8	1.012	0.955	1.665	2.717	0.017	-0.066	0.736	1.442	4
F1N8Z4;Q5ZIC4	Uncharacterized protein	RUVBL1		0.949	1.283	3.515		-0.076	0.360	<b>1.814</b>	3
F1NRB9;P09645;F1NUP6	Uncharacterized protein (Fragment)	LONP1		0.944	1.525			-0.083	0.609		2
P47836;F1NFC6;F1POF2;REV__F1N	40S ribosomal protein S4	RPS4	0.945	0.944	0.949	0.554	-0.082	-0.083	-0.075	<b>-0.851</b>	4
Q5ZMQ2;Q5ZLX9	Actin, cytoplasmic 2	ACTG1	0.462	0.943			<b>-1.115</b>	-0.084			2
E1BYM1	mRNA cap guanine-N7 methyltransferase	RNMT	1.035	0.940	1.303	0.525	0.049	-0.089	0.382	<b>-0.930</b>	4
Q5ZHW8	Uncharacterized protein	RPS14	0.776	0.935	1.303	0.473	-0.365	-0.096	0.382	<b>-1.081</b>	4
F1P1K3	Uncharacterized protein (Fragment)	ARPC2	0.674	0.935		0.730	-0.570	-0.097		<b>-0.455</b>	3
E1BXA2;P13127;Q5ZLP3	F-actin-capping protein subunit alpha-1	CAPZA1	0.473	0.932			<b>-1.080</b>	-0.101			2
F1NTC7;Q98TF9	Uncharacterized protein (Fragment)	RPL14	1.028	0.930	1.580		0.040	-0.105	0.660		3
F1NDC2	Uncharacterized protein (Fragment)	RPS23	0.875	0.928	2.276		-0.192	-0.108	<b>1.186</b>		3
Q6ITC7;F1NGB4;REV__E1C1R6	40S ribosomal protein S13	RPS13	0.895	0.926	1.358		-0.159	-0.111	0.441		3
Q5ZKA5	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydro	MTHFD2		0.918	0.658	1.087		-0.124	-0.603	0.120	3
E1C8F7	Uncharacterized protein	RPL24	0.818	0.907	0.746		-0.289	-0.142	-0.423		3
E1C658	Uncharacterized protein	ATP5H	0.501	0.900	1.528		<b>-0.996</b>	-0.152	0.612		3
F1NPD3	Uncharacterized protein (Fragment)	RPL18A	1.000	0.898	2.660		0.000	-0.155	<b>1.411</b>		3
F1NIX0	Uncharacterized protein (Fragment)	RPL8	1.102	0.891	0.968		0.140	-0.166	-0.047		3
Q5ZLN1;F1NHM9;F1NQ41	Phosphoglycerate mutase 1	PGAM1	0.529	0.888	0.300	3.337	<b>-0.920</b>	-0.171	<b>-1.736</b>	<b>1.739</b>	4
D0VX26	Mitochondrial cytochrome c1, heme protein	MCC1	0.929	0.888	1.718	0.999	-0.106	-0.172	0.781	<b>-0.001</b>	4
Q90602;F1NIB2;F1NIB4;Q90626	Single stranded D box binding factor	HNRNPAB	0.697	0.884	0.953	1.691	-0.520	-0.178	-0.070	0.758	4
G1K326;P0CB50	Peroxiredoxin-1 (Fragment)	PRDX1	0.944	0.879	2.206	1.941	-0.083	-0.186	<b>1.141</b>	0.957	4
F1P4V6	Uncharacterized protein (Fragment)	RPL31	1.003	0.872	1.014		0.004	-0.198	0.020		3
F1N941;E1C0S2;Q5ZK88	Paraspeckle component 1	PSPC1		0.870	2.130	2.372		-0.201	<b>1.091</b>	1.246	3
Q5F4A4;E1C707;Q5ZLI1;F1N808	Inosine-5-monophosphate dehydrogenase	IMPDH2	1.128	0.869	0.647	0.925	0.173	-0.202	-0.629	<b>-0.113</b>	4
E1C1X6	Uncharacterized protein	MOB2	0.886	0.859			-0.175	-0.220			2
E1C2C3	Uncharacterized protein	SF3B1		0.859	1.505	5.177		-0.220	0.589	<b>2.372</b>	3
Q5F426	Uncharacterized protein	PDHA1		0.856	1.199	0.878		-0.225	0.262	<b>-0.188</b>	3
Q5ZK62;F1NG96;F1NGZ5	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing pro	ACAP2	0.658	0.852		0.155	-0.604	-0.231		<b>-2.691</b>	3
P00940	Triosephosphate isomerase	TPI1	1.022	0.851	0.339		0.031	-0.233	<b>-1.561</b>		3
F1NXW3	Uncharacterized protein (Fragment)	RPS15A	1.059	0.848	0.724		0.083	-0.237	-0.465		3
F1P555;Q91017	Uncharacterized protein	SFPQ	0.921	0.848	1.959	1.813	-0.118	-0.238	<b>0.970</b>	0.858	4
Q90WG1;Q90WG2;F1NMV1;F1NCT	Spindlin-Z	SPINZ	1.524	0.843		0.666	0.608	-0.246		<b>-0.587</b>	3
P00337	L-lactate dehydrogenase B chain	LDHB	0.583	0.836	0.220	4.532	<b>-0.779</b>	-0.259	<b>-2.185</b>	<b>2.180</b>	4
F1NEG6;F1NJJ5;Q6WNG8;F1NJJ4;Q	Uncharacterized protein	HNRNPH1	0.919	0.828		4.256	-0.122	-0.272		<b>2.090</b>	3
P67883;G1K316	60S ribosomal protein L30	RPL30	0.844	0.822	0.548		-0.245	-0.283	<b>-0.869</b>		3

E1BSL7	Uncharacterized protein	ERP44		0.818	1.206	0.794		-0.289	0.270	-0.332	3
E1BSS3	Uncharacterized protein	EIF3A	1.321	0.814		0.279	0.402	-0.298		-1.841	3
F1NUY0;F1NUX9	Uncharacterized protein (Fragment)	C2orf56	0.472	0.804			<b>-1.082</b>	-0.315			2
F1NHA8;P32429;F2Z4L5	60S ribosomal protein L7a (Fragment)	RPL7A	0.970	0.799			-0.043	-0.324			2
P09244	Tubulin beta-7 chain	TUBB7	1.315	0.798	1.348		0.395	-0.325	0.430		3
Q5F3D2	Uncharacterized protein	HNRNPH3	1.016	0.789	1.102	2.367	0.023	-0.341	0.139	1.243	4
F1NQG5;F1P118;P51417	Ribosomal protein L15 (Fragment)	RPL15	0.950	0.784	1.474		-0.074	-0.350	0.560		3
Q5ZH20	Spliceosome RNA helicase DDX39B	DDX39B		0.771	0.982	0.606		-0.376	-0.026	-0.722	3
P50890;Q6SVA6;F1NKH1	40S ribosomal protein SA	RPSA	1.137	0.759	0.631	0.888	0.185	-0.398	-0.664	-0.172	4
E1B XK5;Q5F3M2	Uncharacterized protein	RBM5	1.348	0.756		0.524	0.431	-0.404		-0.933	3
F1NX13;Q5H7M6	Uncharacterized protein	DRG1		0.724	0.869	1.576		-0.466	-0.203	0.656	3
Q5ZLE6	Eukaryotic translation initiation factor 3 subunit H	EIF3H	1.100	0.706	0.927		0.137	-0.501	-0.110		3
F1ND80;Q5F428	Uncharacterized protein (Fragment)	EIF3EIP	0.844	0.701	3.119		-0.245	-0.513	1.641		3
F1NLO5;P26446;F1P5K6;F1NL24;Q9	Poly [ADP-ribose] polymerase 1	PARP1	2.145	0.685	2.026		1.101	-0.546	1.019		3
O92956;A2SXN8;B1Q2X9;E2G6M3;I	Avian RSVSB Gag-Pro-Pol polyprotein	RAV-0;SE21Q1b;	1.149	0.608			0.200	-0.718			2
F1NZE2;Q5ZJ64	Eukaryotic translation initiation factor 3 subunit M (Fragment)	EIF3M	1.190	0.603	1.673	0.812	0.251	-0.731	0.742	-0.301	4
E1BZE6;F1NBB6;F1P5I0	Uncharacterized protein	HNRNPA3		0.603	3.051	3.155		-0.731	1.609	<b>1.658</b>	3
Q5F3C0;E1BVJ5	Putative uncharacterized protein	RCJMB04_22h1		0.540	2.926	1.889		-0.888	1.549	0.918	3
E1C2E1;E1C2E2;F1P1V1;Q5ZLR3	Uncharacterized protein	STK38L	1.494	0.485			0.579	-1.045			2
E1BYN9	Uncharacterized protein	PRPSAP1	4.118	0.447			2.042	-1.162			2
F1NCM5;Q5ZII4	Uncharacterized protein	LTB4DH	2.216	0.443		0.845	1.148	-1.174		-0.242	3
E1C6D1;E1BXF5	Microtubule-associated protein	MAP2	2.079	0.413	1.784		1.056	-1.276	0.835		3
F1NZC6;Q5ZL26	Phosphoribosyl pyrophosphate synthase-associated protein 2	PRPSAP2	3.411	0.184			1.770	-2.441			2
P14105;F1NCD4;F1NXC9;Q7LZ83	Myosin-9	MYH9	0.517		0.957		<b>-0.953</b>		-0.063		2
F1NIN4;P24032;P02612;E1C6R9	Uncharacterized protein (Fragment)	MYL12A	0.561		1.401		<b>-0.834</b>		0.487		2
Q5ZL53;F1NH81;F1NH82;E1BWJ7;E	Putative uncharacterized protein	RCJMB04_7I20	0.615			0.670	-0.701			-0.577	2
P12276-2;E1BW07;F1N8A8;P12276	Isoform 1 of Fatty acid synthase	FASN	0.667		2.124		-0.585		1.086		2
Q5ZMN1;E1C769	Uncharacterized protein	G3BP1	0.710		2.067		-0.494		1.047		2
F1NXA5;Q5ZI60;Q5ZM02;Q5ZLS1;F	Uncharacterized protein (Fragment)	CORO1C	0.749		0.944		-0.416		-0.083		2
F1NDI7;F1NC33;Q04619	Heat shock cognate protein HSP 90-beta (Fragment)	HSP90AB1	0.808		0.704	0.573	-0.307		-0.507	-0.803	3
F1NHF1	Uncharacterized protein (Fragment)	ATP5J2	0.819		0.787		-0.288		-0.345		2
Q5ZMN3;F1N833;F1NPZ8	Prohibitin-2	PHB2	0.859		1.429	1.116	-0.219		0.515	0.159	3
G1K331;G1K329;P84229;C6ZL36;Q	Histone H3 (Fragment)	LOC417953	0.870			1.599	-0.202			0.677	2
Q5ZHY1;F1NYA9;Q9YGQ1	Putative uncharacterized protein	RCJMB04_32c11	0.905		0.721		-0.144		-0.472		2
F1NLT9;F1NCL1;F1NDS3;P02263;Q	Histone H2A (Fragment)	HIST2H2AC	0.908			3.209	-0.139			<b>1.682</b>	2
Q09121;Q07460;G1K322	<b>Eukaryotic translation initiation factor 5A-1</b>	EIF5A1	0.921		0.548		-0.119		<b>-0.868</b>		2
F1NSP8;F1NM96;Q2MHD2	Uncharacterized protein (Fragment)	HNRNPU	0.959		2.498	1.216	-0.061		1.321	0.282	3
P61355	60S ribosomal protein L27	RPL27	0.975		1.637		-0.036		0.711		2
P02272;Q5ZMD6;F2Z4M5	Histone H2A.V	H2AFV	0.976		0.785	1.103	-0.035		-0.350	0.141	3
E1BW78	Uncharacterized protein	COX6C	0.982		1.905		-0.026		0.930		2

E1BS06	Uncharacterized protein	RPL23A	0.987		0.611		-0.019		-0.711		2	
F2Z4K7;Q5ZK27	Uncharacterized protein	RPS3A	1.000		1.269		-0.001		0.344		2	
A3RL83;Q5ZMNO	Lectin-associated matrix protein (Fragment)	hLAMP-1	1.034			1.509	0.048			0.594	2	
F1NNC3;P62846;F2Z4M3	40S ribosomal protein S15 (Fragment)	RPS15	1.068		3.046		0.095		1.607		2	
P62207;Q5ZL39;Q9PSQ6	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	PPP1CB	1.069			1.854	0.097			0.891	2	
F1NG53;Q6EE61	Uncharacterized protein (Fragment)	RPL17L	1.073		1.206		0.102		0.271		2	
F1NP85	Uncharacterized protein (Fragment)	RPL21	1.080		1.046		0.111		0.065		2	
P0C1H5;F1NF30	Histone H2B 7	H2B-VII	1.118		1.692		0.161		0.759		2	
F1NE72;Q5ZKP8;E1C3E0;Q8JGU2;R	Lysyl-tRNA synthetase	KARS	1.164		2.303		0.219		1.203		2	
F1P179;Q5ZJ86	Uncharacterized protein	EPRS	1.172		1.116		0.229		0.159		2	
E1BW50;Q5ZHU8	Uncharacterized protein	CTNBL1	1.175		1.839		0.232		0.879		2	
Q9PV94	Small nuclear ribonucleoprotein-associated protein B	SNRPB	1.181		1.046	1.339	0.241		0.065	0.421	3	
F1P0E4;Q9I9D1;E1BYN7	Uncharacterized protein (Fragment)	VDAC2	1.186		0.973	2.975	0.246		-0.040	1.573	3	
Q5ZME1	Uncharacterized protein	HNRNPA2B1	1.186		2.267	3.067	0.246		1.181	1.617	3	
E1C2L5	Uncharacterized protein	THOC4	1.193		0.736	0.358	0.254		-0.443	-1.484	3	
F1N9U8;Q5ZIX2;E1BZW5	Uncharacterized protein	ETFA	1.197		0.620	0.769	0.259		-0.689	-0.380	3	
Q5ZM66	Putative uncharacterized protein	RCJMB04_2p17	1.225		0.579		0.292		-0.788		2	
F1NG68	Uncharacterized protein (Fragment)	DECR2	1.274			0.287	0.349			-1.799	2	
Q5ZMT0;F1NGW3;F1P2P9;F1P2Q0	14-3-3 protein epsilon	YWHAE	1.295			0.906	0.373			-0.143	2	
E1BV75	Uncharacterized protein	DHRS7	2.512		2.667	4.595	1.329		1.415	2.200	3	
							median	-0.138	0.192	-0.025	0.107	
							1sd	0.6059	0.5403	0.8619	1.1866	
							med+/-	-0.701	2.090	0.282	2.076	

Key: **Bold** indicates ratio +/- 1sd of median. Heatmap annotation identifies enriched high confidence ratios (green) decreasing to low confidence or contradictory ratios (red). Green proteins are those also found in Talon pulldowns

**Supplemental Table S3B.** Proteins identified from Talon pulldowns .

Protein IDs	Description	Gene	Ratios				Log2 ratios				n
			DHJLT4	JHDLT4	DHJLT3	JHDLT3	DHJLT4	JHDLT4	DHJLT3	JHDLT3	
Q98TX7;Q98TX6	Interferon regulatory factor 4	IRF-4	0.172	3.794	0.158	14.800	-2.536	1.924	-2.660	3.888	4
D0EL81	Glutathione reductase (Fragment)	GR	0.260		0.154	8.186	-1.943		-2.700	3.033	3
F1NQF4;E0A2T5;F1NC96;P14791;Q	Heme oxygenase 1 (Fragment)	HMOX1;hmox1	0.342	3.752	0.139	4.578	-1.546	1.908	-2.843	2.195	4
E1BYG9;E1BYG7;Q5ZM86	Coiled-coil domain-containing protein 50	CCDC50	0.370	1.500			-1.434	0.585			2
P00337	L-lactate dehydrogenase B chain	LDHB	0.435	1.171	3.339	0.161	-1.202	0.228	1.739	-2.638	4
F1NFD7;Q9YGC1;Q9YGC1-2	B-cell linker protein (Fragment)	BLNK	0.463	1.910	0.303	5.029	-1.111	0.933	-1.723	2.330	4
<b>Q5F356;F1NKL5;F1NKL4</b>	<b>Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha</b>	<b>PIP4K2A;PIP4K2</b>	<b>0.469</b>		<b>0.606</b>	<b>1.516</b>	<b>-1.091</b>		<b>-0.722</b>	<b>0.601</b>	<b>3</b>
E1C540	Uncharacterized protein	NPM3	0.496	1.945			-1.011	0.960			2
E1C0Q5	Uncharacterized protein	ACAT1	0.502		0.731		-0.993		-0.451		2
F1P3F9	Glutamate dehydrogenase (Fragment)	GLUD1	0.530	1.921	0.174	3.350	-0.917	0.942	-2.521	1.744	4
F1P3B8;Q5F3U9;E1BT16	Sister chromatid cohesion protein PDS5 homolog B	PDS5B	0.532	1.095	4.137	0.658	-0.910	0.130	2.049	-0.604	4
F1NCW5;F1P3D9;Q5ZIF4;F1NWI3;F	Uncharacterized protein (Fragment)	SLC25A13;RCJM	0.554			0.827	-0.851			-0.274	2
E1C3D2;E1BX15;Q5ZMH1	Uncharacterized protein	Sep-02;SEPT2	0.555	1.520			-0.848	0.604			2

F1NTT0;F1N9T0;P23228	Hydroxymethylglutaryl-CoA synthase, cytoplasmic (Fragment)	HMGCS1	0.556	2.195		1.748	-0.847	1.134		0.806	3	
F1NDY9;Q5ZK20	Uncharacterized protein	PDIA4;RCJMB04	0.559	1.543	0.241	2.249	-0.839	0.626	-2.055	1.169	4	
Q98906	Microtubule-associated protein (Fragment)	MAP4	0.564	1.212	0.578	3.822	-0.825	0.277	-0.791	1.934	4	
P00368	Glutamate dehydrogenase 1, mitochondrial	GLUD1	0.565	1.936	0.211	3.286	-0.824	0.953	-2.242	1.716	4	
F1NCS6	Uncharacterized protein (Fragment)	MTHFD1L	0.565	2.240	2.042	1.285	-0.822	1.164	1.030	0.362	4	
Q5ZM14;F1NK29	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	0.570	1.301	0.193	3.261	-0.810	0.379	-2.371	1.705	4	
Q5F3D7	U3 small nucleolar RNA-associated protein 15 homolog	UTP15	0.573			2.793	-0.803		1.482		2	
F1NCR3;Q5ZIZ4	Cytolic purine 5-nucleotidase	NT5C2	0.585	1.881			-0.774	0.911			2	
A7UEA8;F1P318;P28173	Amidophosphoribyltransferase	GPAT;PPAT	0.588	1.323			-0.766	0.404			2	
P21868	Casein kinase II subunit alpha	CSNK2A1	0.592	1.298			-0.756	0.376			2	
Q5F3T3;F1NIP9;E1BVH4;F1NILO;F1N	Putative uncharacterized protein	RCJMB04_7k16;9	0.595	1.417	1.456		-0.750	0.503	0.542		3	
E1BXT3;F1NUM3;Q5ZKZ1	Uncharacterized protein	GOSR2;RCJMB04	0.621	1.209			-0.687	0.273			2	
F1NNS8	Uncharacterized protein (Fragment)	PRDX4	0.624	1.520	0.461	3.702	-0.679	0.604	-1.116	1.888	4	
F1P3F1	Adenylhomocysteinase (Fragment)	AHCY	0.627	1.631	3.903	0.504	-0.674	0.706	1.965	-0.988	4	
Q07460;G1K322	Eukaryotic translation initiation factor 5A-2	EIF5A2	0.636	1.372	0.574	2.292	-0.652	0.456	-0.801	1.197	4	
Q5ZMH2;F1NFE2;F1NID2;Q5ZHK0;F	Putative uncharacterized protein	RCJMB04_2a19	0.638	1.482	4.404	0.469	-0.648	0.568	2.139	-1.092	4	
F1NPF3	Uncharacterized protein (Fragment)	NDUFB9	0.655	1.475			-0.611	0.561			2	
Q5ZMG9;F1P5K7	T-complex protein 1 subunit alpha	RCJMB04_2b5;T	0.664			3.446	-0.591		1.785		2	
G1K330;P70082;F1NDT5;Q92064;F1	Histone H2A (Fragment)	H2A-IX	0.672	1.066	3.649	0.387	-0.572	0.092	1.867	-1.368	4	
Q5ZJ47;F1NWA8	Putative uncharacterized protein	RCJMB04_20m7	0.678	0.942	3.890		-0.561	-0.087	1.960		3	
F1NMC3;Q5ZI76	Uncharacterized protein	MTHFD1;RCJMB	0.681	1.436	2.576	0.826	-0.554	0.522	1.365	-0.276	4	
Q5F4B2;F1N8E4	Switch-associated protein 70	SWAP70	0.695	1.395		0.673	-0.526	0.480		-0.572	3	
E1BSI5	Uncharacterized protein	THOC2	0.698	0.790	3.177	0.502	-0.519	-0.340	1.668	-0.994	4	
F1NBY8;Q5ZLG0;F1NFH5;Q5ZHT4;C	Acetoacetyl-CoA synthetase	AACS	0.701	0.935	0.491	1.202	-0.513	-0.096	-1.027	0.265	4	
F1NPV3;Q9W719;F1NBZ6	Hypoxanthine-guanine phphoribyltransferase (Fragment)	HPRT1	0.703	1.848			-0.508	0.886			2	
Q5ZJ54;F1NWH9	T-complex protein 1 subunit zeta	CCT6	0.710	1.127		0.705	-0.494	0.172		-0.504	3	
Q5ZIZ0	6-phphogluconate dehydrogenase, decarboxylating	PGD	0.715	1.400	0.234	0.891	-0.484	0.485	-2.096	-0.166	4	
Q9W7P7;F1NJF0	P32 subunit of splicing factor SF2	SF2;C1QBP	0.716	1.365	0.785	1.400	-0.482	0.449	-0.349	0.485	4	
F1NLT9;F1NCL1;F1NDS3;P02263;Q9	Histone H2A (Fragment)	HIST2H2AC;H2A-	0.721	1.092		0.465	-0.471	0.128		-1.106	3	
F1P304	Uncharacterized protein (Fragment)	ATP5O	0.729	1.030			-0.457	0.043			2	
E1C6U8;F1NXR8;Q5ZIU4	Uncharacterized protein	LUC7L3;RCJMB0	0.734			3.297	0.403	-0.447		1.721	-1.311	3
Q90997;F1NWR2;F1NTM6	Transferrin receptor protein 1	TFRC	0.735	2.052			-0.445	1.037			2	
F1P0L8;Q0KKP4;Q0KKP5	Uncharacterized protein (Fragment)	CYP51A1;CYP51	0.741	2.133	1.697	0.695	-0.432	1.093	0.763	-0.525	4	
Q90593	78 kDa gluce-regulated protein	HSPA5	0.743	1.256	0.672	2.723	-0.429	0.329	-0.573	1.445	4	
F1NY37;Q5ZM10	Acyl-coenzyme A oxidase	ACOX1;RCJMB04	0.746	1.431	0.407	1.462	-0.422	0.517	-1.298	0.548	4	
Q5ZJB8;F1NTL1	Putative uncharacterized protein	RCJMB04_19g20	0.747	1.149	2.838		-0.420	0.200	1.505		3	
F1P529;F1NZF7;Q5ZIS4	Uncharacterized protein	SF3B3	0.748	0.891			-0.419	-0.167			2	
Q5F3T2	Uncharacterized protein	SEPT9	0.752	1.112		0.323	-0.411	0.153		-1.628	3	
P31335;Q5U784;Q5U785;Q5XKY5;E	Bifunctional purine biynthesis protein PURH	ATIC;PURH	0.755	2.932	0.276		-0.405	1.552	-1.860		3	
F1NWB7;P08110;B5AAV6;Q90WA6	Endoplasmin	HSP90B1	0.756	1.129	0.246	1.204	-0.404	0.175	-2.023	0.267	4	

E1C4N0	Uncharacterized protein	RPS10	0.759	1.130	1.595	0.548	-0.399	0.177	0.674	-0.869	4
F1NUN1	Microtubule-associated protein (Fragment)	MAP	0.765	0.924			-0.387	-0.115			2
D2Z1L9;F1NJF3	LIM and SH3 protein 1	LASP1	0.775	0.977			-0.368	-0.034			2
E1C8W4	Ubiquitin carboxyl-terminal hydrolase	USP5	0.776	0.746	0.364	0.603	-0.366	-0.422	<b>-1.460</b>	-0.730	4
F1NBW0	Uncharacterized protein (Fragment)	MTPAP	0.778	1.162	4.106		-0.363	0.216	<b>2.038</b>		3
F1NB38	Ethylmalonyl-CoA decarboxylase	ECHDC1	0.779	1.433		1.406	-0.360	0.519		0.492	3
E1BUW6	Microtubule-associated protein	MAP4	0.791	1.226	0.329	2.999	-0.338	0.294	<b>-1.604</b>	<b>1.584</b>	4
Q5ZKA5	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydro	MTHFD2	0.795	1.052	0.741	1.262	-0.330	0.073	-0.433	0.336	4
E1BUP6	Uncharacterized protein	PDIA5	0.797	1.039	0.389	1.352	-0.327	0.055	<b>-1.363</b>	0.435	4
F1NHI9;Q5ZHU4;Q90YA3	6-phphofructokinase (Fragment)	PFKP	0.801	1.183	2.315		-0.319	0.242	<b>1.211</b>		3
E1BT94	Uncharacterized protein	NDUFB6	0.803	1.202			-0.316	0.265			2
F1NPG8;Q9I8D6;Q5ZMG3	T-complex protein 1 subunit delta (Fragment)	CCT4;tcp-1 delta	0.804	0.780	3.221	0.878	-0.316	-0.359	<b>1.687</b>	-0.187	4
Q5ZKB9;E1C8R1	Probable ATP-dependent RNA helicase DDX6	DDX6	0.806	1.008	3.016	0.228	-0.311	0.011	<b>1.593</b>	<b>-2.136</b>	4
F1NSC1	Uncharacterized protein (Fragment)	ATP5F1	0.811	0.926			-0.303	-0.111			2
DOVX26	Mitochondrial cytochrome c1, heme protein	MCC1	0.812	0.804	0.569	1.274	-0.300	-0.315	<b>-0.813</b>	0.349	4
F1NPF0;Q5ZMS3	Eukaryotic translation initiation factor 2 subunit 3	EIF2S3	0.815	1.206	3.371	0.192	-0.295	0.270	<b>1.753</b>	<b>-2.378</b>	4
F1NY29;Q5F3D8	Uncharacterized protein	ETFDH;RCJMB04	0.817		2.168		-0.292		<b>1.116</b>		2
F1NGU3;Q5ZIN9;F1NX33	Uncharacterized protein (Fragment)	LRPPRC	0.821	1.167	1.227	0.969	-0.284	0.223	0.295	-0.046	4
E1BS67	Serine hydroxymethyltransferase	SHMT1	0.825	0.980	1.955	1.552	-0.277	-0.029	0.967	0.634	4
F1NGP4	Uncharacterized protein (Fragment)	DUS3L	0.831	1.037		0.274	-0.267	0.053		<b>-1.869</b>	3
F1NY54;F1NEE5;Q5ZMK4	Uncharacterized protein	THRAP3;RCJMB0	0.832	0.986	3.471	1.898	-0.265	-0.021	<b>1.795</b>	<b>0.924</b>	4
P47836;F1NFC6;F1POF2	40S ribomal protein S4	RPS4	0.836	1.034	1.609	0.362	-0.258	0.048	0.686	-1.468	4
P00508;F1P180	<b>Aspartate aminotransferase, mitochondrial</b>	GOT2	0.845	1.731	0.836	1.190	-0.244	<b>0.791</b>	-0.258	0.251	4
F1NH93	Uncharacterized protein (Fragment)	RPS20	0.849	1.328			-0.236	0.409			2
E1BZ79	Uncharacterized protein	MVK	0.849	1.017			-0.236	0.024			2
F1NEI4;F1NA45;Q90706	Uncharacterized protein	C5H14orf166;CL	0.851		3.107		-0.233		<b>1.636</b>		2
F1NBI2	Uroporphyrinogen decarboxylase (Fragment)	UROD	0.851	1.197	1.914	1.181	-0.232	0.260	0.937	0.240	4
E1C3T6	Uncharacterized protein	ECI1	0.852	1.115	0.404	2.313	-0.231	0.157	<b>-1.308</b>	<b>1.210</b>	4
F1NKN0;Q5F411	Uncharacterized protein (Fragment)	CCT5	0.853	0.687	4.634	0.587	-0.229	-0.541	<b>2.212</b>	-0.769	4
P02272;Q5ZMD6;F2Z4M5;E1C4W6	Histone H2A.V	H2AFV;H2AFZ	0.855	0.688		0.482	-0.226	-0.540		-1.054	3
Q90705	Elongation factor 2	EEF2	0.856	1.094	0.152	2.083	-0.225	0.130	<b>-2.715</b>	<b>1.059</b>	4
E1BU15;F1NRN7;Q5F4C4	Leucine-rich repeat protein SHOC-2	SHOC2	0.857	0.630			-0.223	-0.667			2
Q09121	<b>Eukaryotic translation initiation factor 5A-1</b>	EIF5A1	0.858	1.158	0.577	2.031	-0.221	0.212	<b>-0.793</b>	<b>1.022</b>	4
F1P4F4;Q5ZM63	Uncharacterized protein	SSR1;RCJMB04_2	0.859		2.610	1.081	-0.220		<b>1.384</b>	0.112	3
F1NS60	Uncharacterized protein (Fragment)	MMS19	0.862	1.044	2.275	0.730	-0.215	0.063	<b>1.186</b>	-0.454	4
F1NGB1;Q5ZHR1;F1NCP9	Uncharacterized protein	NUCB2;RCJMB04	0.862	1.325	0.308	3.064	-0.215	0.405	<b>-1.698</b>	<b>1.615</b>	4
F1NC26;Q5F3J8	Uncharacterized protein	HSPA4L;RCJMB0	0.865	1.010	0.517	0.633	-0.209	0.014	<b>-0.952</b>	-0.661	4
F1NW84;F1NVA4;P16039;Q6LEK3;F	Nucleophmin (Fragment)	NPM1	0.868	1.001	0.810		-0.204	0.001	-0.305		3
E1BX03;F1NGC0;Q5ZM76;F1NYJ3	Uncharacterized protein	FUBP1	0.868	1.041		3.135	-0.204	0.058		<b>1.649</b>	3
F1NCC9;Q5ZLP0	Uncharacterized protein	SMARCE1;RCJMB	0.872	1.087	0.873	0.718	-0.198	0.121	-0.195	-0.479	4

E1BV85	Uncharacterized protein	LRR20	0.873	0.704				-0.196	-0.507				2
F1NBU1	Uncharacterized protein (Fragment)	RPS16	0.874	1.278				-0.195	0.354				2
E1BX21	Uncharacterized protein	SIN3A	0.880	1.197	4.561			-0.184	0.260	2.189			3
G1K331;G1K329;P84229;C6ZL36;Q	Histone H3 (Fragment)	LOC417953;H3-I	0.883	0.871		0.328		-0.179	-0.199			-1.607	3
P50890;Q6SVA6;F1NKH1	40S ribosomal protein SA	RPSA	0.885	1.044	1.328	0.961		-0.177	0.063	0.410		-0.058	4
E1QB6;F1NC38;Q5ZJ93	Uncharacterized protein	ACADL;RCJMB04	0.885	0.896		0.119		-0.177	-0.158			-3.071	3
E1BR10	Uncharacterized protein	PRDX3	0.890	0.805	0.664	1.493		-0.168	-0.313	-0.591		0.578	4
B0LVF9;B0LVG0;Q9PRV4	Microtubule-associated protein	MAPT	0.893	1.029	0.374			-0.163	0.041	-1.419			3
Q5ZKM2;Q90835;F1N9H4;Q6PTX1	Elongation factor 1-alpha	RCJMB04_10b5;	0.901	1.068	0.500	1.501		-0.151	0.095	-1.000		0.586	4
G1K332;F1NCK6;P62801;P70081;Q	Histone H4 (Fragment)	H4;H4-I;H4-VIII	0.903	0.817	3.305	0.259		-0.147	-0.291	1.724		-1.949	4
F1P2T7;O93378;B9VVJ4;Q9PWP7;Q	Uncharacterized protein (Fragment)	STAT5B;Stat5	0.903	1.350		0.600		-0.147	0.433			-0.737	3
F1P4H4;Q5ZIM7	Uncharacterized protein	TXNDC5;RCJMB0	0.904	1.858	0.085	5.081		-0.146	0.893	-3.558		2.345	4
Q5ZLN9;F1ND94	Uncharacterized protein	RRAGC;RRAGD	0.905	1.196	3.936			-0.144	0.259	1.977			3
E1BTR4	Uncharacterized protein	SPINK4	0.905		3.869			-0.143		1.952			2
E1C8P2	Uncharacterized protein	PAPSS1	0.906		2.467	0.347		-0.143		1.303		-1.526	3
P00548	Pyruvate kinase muscle isozyme	PKM2	0.907	1.089	3.027	0.646		-0.141	0.123	1.598		-0.631	4
Q9IAY5	Protein syndesm	SDOS	0.915		1.262			-0.128		0.336			2
P18359	Dextrin	DSTN	0.917	0.839	0.398			-0.125	-0.254	-1.328			3
F1N964	Uncharacterized protein (Fragment)	GSR	0.920		0.169	7.388		-0.120		-2.562		2.885	3
P00356;F1NH87	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	0.922	0.897	1.376			-0.118	-0.156	0.460			3
E1BSQ4;E1BSQ3;E1C8Y4;E1C8Z0;F1	Dolichyl-diphosphooligaccharide--protein glycosyltransferase subunit 2	RPN2;RCJMB04	0.926	1.045				-0.111	0.064				2
F1N887	Uncharacterized protein (Fragment)	KIAA0391	0.927	0.927	5.864	0.306		-0.110	-0.110	2.552		-1.708	4
E1C6N0	Uncharacterized protein	PSMD14	0.929	1.116				-0.106	0.159				2
Q8AWB4;Q5ZLZ9;F1NV29	Putative uncharacterized protein POFUT1	POFUT1;RCJMB0	0.930	0.714	4.585	0.166		-0.105	-0.486	2.197		-2.592	4
F1NHF1	Uncharacterized protein (Fragment)	ATP5J2	0.931	0.931				-0.103	-0.103				2
F1NX56;F1P4M6;Q5ZKF0	Uncharacterized protein	OGT	0.932	0.895	2.222	0.483		-0.102	-0.160	1.152		-1.051	4
P0C7A1;F1NLP8	Cytolic endo-beta-N-acetylglucaminidase	ENGASE	0.934		0.463	2.253		-0.099		-1.112		1.172	3
E1C525	Uncharacterized protein	EXOSC10	0.939		4.505	0.335		-0.092		2.172		-1.577	3
Q5ZKC9;F1NPX9;Q9PS14	14-3-3 protein zeta	YWHAZ	0.939	0.852				-0.091	-0.231				2
F1P2C8;F1P399;Q5ZKA2	Isoleucine--tRNA ligase, mitochondrial (Fragment)	IARS2	0.942	1.487	1.921	0.487		-0.087	0.572	0.942		-1.037	4
Q5ZIA5	Coatomer subunit beta	COPB1	0.942	0.992	0.923	0.579		-0.086	-0.012	-0.115		-0.790	4
E1BUD8	Uncharacterized protein	SEC24C	0.946	1.133				-0.081	0.181				2
F1NW43;F1P4U1	Pyruvate kinase (Fragment)	PKM2	0.947	1.095	2.987	0.597		-0.078	0.131	1.579		-0.745	4
Q9PTR5	Lissencephaly-1 homolog	PAFAH1B1	0.948		3.974			-0.077		1.991			2
Q5ZJK1;F1NCM4;F1NEI6;Q5ZIA6	THO complex subunit 5 homolog	THOC5;RCJMB04	0.953	1.313		0.314		-0.070	0.393			-1.670	3
F1NG30	Uncharacterized protein	NAA25	0.956	0.939				-0.064	-0.090				2
DOEKR3	Peptidyl-prolyl cis-trans isomerase	PPCTI	0.957	1.330	0.190	3.249		-0.063	0.411	-2.394		1.700	4
F1NDB3;P21265;Q683M9;E1BR00;C	Adenylyuccinate lyase	ADSL	0.957	0.840				-0.063	-0.251				2
F1NSZ4	Uncharacterized protein (Fragment)	NPEPL1	0.958	1.345	0.864	2.804		-0.062	0.427	-0.210		1.488	4
Q5ZI56;E1C3K3;F1NYL7	Putative uncharacterized protein	RCJMB04_30d2;	0.959	1.504				-0.060	0.588				2

F1NQZ9	Uncharacterized protein (Fragment)	GCLC	0.962		0.624		-0.055		<b>-0.680</b>		2
F1NT20;E1BV95;Q5ZHQ4		ACAT2	0.964	1.217		1.174	-0.052	0.283		0.231	3
P05094;P05094-2;P20111-2;P20111	Alpha-actinin-1	ACTN1	0.965	0.505		0.133	-0.051	-0.986		<b>-2.909</b>	3
F1NX13;Q5H7M6	Uncharacterized protein	DRG1;drg1	0.966	0.980	1.760	0.751	-0.049	-0.028	0.816	-0.413	4
Q5ZJK8;F1NK38;F1NZN1	T-complex protein 1 subunit eta	CCT7	0.968	0.855	2.681	1.837	-0.047	-0.225	1.423	0.877	4
Q6EE31;F1P1N9;F1NEF2	T-complex protein 1 subunit theta	CCT8	0.973	0.741		1.040	-0.040	-0.432		0.056	3
Q5ZHN0;F1NLB6;E1C059	Putative uncharacterized protein	RCJMB04_35e5;	0.973	1.306			-0.039	0.385			2
F1NK96;F1N966;Q5F472	Uncharacterized protein	PDIA6	0.976	1.056	0.260	1.872	-0.035	0.078	<b>-1.941</b>	<b>0.905</b>	4
E1BY12;E1BXC1;F1NCI1;F1NCR9	Uncharacterized protein	AP2B1;AP1B1	0.977	1.063		1.396	-0.034	0.088		0.481	3
Q90734	Alpha-actinin-4	ACTN4	0.983	0.744	5.163	0.120	-0.024	-0.426	<b>2.368</b>	<b>-3.064</b>	4
F1NEG6;F1NJJ5;Q6WNG8;F1NJJ4;Q	Uncharacterized protein	HNRNPH1;RCJM	0.988	0.736		0.731	-0.018	-0.443		-0.452	3
Q5ZLD5;F1NUL8;F1P4N6	Putative uncharacterized protein	RCJMB04_6k8;W	0.988	1.135			-0.018	0.183			2
Q8JFP1;F1NTS2;Q5ZM36;E1BSE5	Eukaryotic initiation factor 4A-II	EIF4A2	0.989	1.239		0.702	-0.016	0.310		-0.510	3
F1N8K4;Q5ZMS2	Platelet-activating factor acetylhydrolase IB subunit beta	PAFAH1B2	0.992	0.971	0.477	1.446	-0.011	-0.043	<b>-1.068</b>	0.532	4
G1K326;POCB50	Peroxiredoxin-1 (Fragment)	PRDX1	0.994	0.812	1.278		-0.008	-0.300	0.354		3
P47826;F1NB66	60S acidic ribomal protein P0	RPLP0	0.995	1.257	2.427	0.650	-0.007	0.330	1.279	-0.620	4
F1NNP8	Uncharacterized protein (Fragment)	TSR1	0.996	1.030	0.578	0.606	-0.005	0.043	<b>-0.792</b>	-0.724	4
E1BV44	Uncharacterized protein	CSE1L	0.999	0.936	0.254	0.821	-0.002	-0.096	<b>-1.979</b>	-0.285	4
G8JL27;P63247	Guanine nucleotide-binding protein subunit beta-2-like 1 (Fragment)	GNB2L1	1.003	0.990	4.166	0.560	0.004	-0.014	2.059	-0.837	4
F1NRW7;F1NWP3;O73885;B3VHV2	Heat shock cognate 71 kDa protein (Fragment)	HSPA8	1.004	1.151	1.201	1.913	0.005	0.203	0.264	<b>0.936</b>	4
E1BVP1;E1C8K7	Uncharacterized protein	EIF5B	1.004	0.775	4.431		0.005	-0.367	2.148		3
P11501;F1NVN4;Q5ZKZ3;Q2XQE5;F	Heat shock protein HSP 90-alpha	HSP90AA1	1.005	1.143			0.008	0.193			2
F1N9X5;Q5ZJC1;F1NPA9;Q6EE58	Uncharacterized protein	RPS3;RCJMB04_	1.006	1.272	2.091	0.720	0.009	0.347	1.064	-0.473	4
Q5ZLC5	ATP synthase subunit beta, mitochondrial	ATP5B	1.008	0.943	0.478	0.637	0.011	-0.085	<b>-1.065</b>	-0.650	4
Q6EE30	Eukaryotic translation elongation factor 1	eTEF1	1.011	0.871	1.105	0.915	0.015	-0.199	0.144	-0.128	4
Q8JG64	Protein disulfide-isomerase A3	PDIA3	1.014	1.196	0.326	0.964	0.019	0.258	<b>-1.617</b>	-0.053	4
Q5ZJQ5;Q5ZJQ6	Putative uncharacterized protein	RCJMB04_16g5;	1.019		4.056	0.693	0.027		<b>2.020</b>	-0.529	3
F1NU17;P51903	Phphoglycerate kinase	PGK1;PGK	1.019	0.946	0.461	1.567	0.028	-0.080	<b>-1.119</b>	0.648	4
F1N941;E1C0S2;Q5ZK88	Paraspeckle component 1	PSPC1	1.022	0.728	1.686	0.794	0.031	-0.459	0.754	-0.333	4
F1P1A8	Uncharacterized protein (Fragment)	SMARCC1	1.024	1.232	0.698	1.220	0.034	0.301	-0.518	0.287	4
Q5ZKN9	Putative uncharacterized protein	RCJMB04_9n20	1.031	0.898			0.044	-0.155			2
Q5ZMC1;Q5ZMA1	Uncharacterized protein	DDX19B	1.035	1.177	2.276		0.050	0.235	1.187		3
A3R064	Docking protein 3	DOK3	1.039		2.201		0.055		1.138		2
E1C266	Uncharacterized protein	YARS2	1.043		4.327		0.061		<b>2.113</b>		2
Q5ZL72	60 kDa heat shock protein, mitochondrial	HSPD1	1.044	0.866		0.859	0.062	-0.208		-0.219	3
F1NIP5;E1BRQ0;Q5ZI49	Ribe-phphate pyrophosphokinase (Fragment)	PRPS1	1.047	0.742		0.853	0.067	-0.431		-0.230	3
Q90WD0;F1NW48	Actin-related protein 3	ACTR3;ACTR3B	1.048	1.049			0.068	0.069			2
F1P555;Q91017	Uncharacterized protein	SFPQ	1.050	0.623	2.377	0.398	0.070	-0.682	1.249	-1.329	4
Q5F424	Uncharacterized protein	CCT2	1.050	1.087	2.613	0.546	0.070	0.121	1.385	-0.872	4
Q90XD9	Transcriptional coactivator p100 (Fragment)		1.061	0.984	1.796	0.652	0.085	-0.024	0.845	-0.617	4

Q5F3L2;F1NYE5;F1NDI3	Putative uncharacterized protein	RCJMB04_14f6;S	1.063	1.172	0.672	0.877	0.089	0.229	<b>-0.574</b>	-0.189	4
F1P582;D0VX29	Uncharacterized protein	UQCRC2	1.066	0.766	2.312	0.639	0.092	-0.384	1.209	-0.646	4
F1NIQ3;Q5F3V3	Sister chromatid cohesion protein PDS5 homolog A	PDS5A	1.069	1.112	0.955	0.619	0.096	0.153	-0.067	-0.692	4
F1NGA2;F1NI22;Q8UVX3;Q9DDH7;	ATP synthase subunit alpha (Fragment)	ATP5A1	1.074	0.912	0.551	0.571	0.103	-0.133	<b>-0.860</b>	-0.810	4
Q5ZLF2;Q8JH64	Tyrosine-protein kinase BTK	BTK	1.074	0.844	5.331		0.103	-0.245	2.414		3
E1C6E1	Uncharacterized protein	PLCG2	1.076	0.832	8.140		0.105	-0.266	3.025		3
F1NJX8	Uncharacterized protein (Fragment)	FNTA	1.080	1.036	2.516	1.140	0.111	0.051	1.331	0.189	4
F1P2L1;Q5ZMF5;E1C2S5;E1C8M9	Uncharacterized protein	CANX;RCJMB04	1.081	0.772	0.532	1.769	0.112	-0.374	<b>-0.911</b>	0.823	4
Q98UJ8	Branched-chain alpha-keto acid dehydrogenase E1-alpha subunit (Fragment)		1.081		2.673		0.112		1.419		2
F1NRD9;F1NV49;Q90WU3	ATP-dependent RNA helicase DDX1 (Fragment)	DDX1	1.082	0.742	2.220		0.113	-0.430	1.150		3
Q5ZI29;F1NFD9;F1NJ97	Putative uncharacterized protein	RCJMB04_31a13	1.096	0.762	0.994	0.856	0.132	-0.392	-0.009	-0.225	4
Q5ZLW7;F1NK51	Putative uncharacterized protein	RCJMB04_4j8;LU	1.106	1.121	1.954		0.146	0.165	0.966		3
E1C7D4;Q5ZIZ6;E1C7L0	Uncharacterized protein	CTBP1	1.108	0.843	1.339	0.676	0.147	-0.246	0.421	-0.565	4
Q5F3D2	Uncharacterized protein	HNRNPH3	1.109	0.768	1.589	0.881	0.149	-0.381	0.668	-0.183	4
F1NJL0	Uncharacterized protein (Fragment)	ATXN2	1.114	0.907	2.752	0.679	0.155	-0.141	1.461	-0.559	4
F1NM59;E1BQE4;E1BQE3;E1BQE2	Uncharacterized protein (Fragment)	RBM27	1.121	0.931			0.165	-0.103			2
F1P2P4	Uncharacterized protein (Fragment)	CARKD	1.122	1.081	1.103	1.157	0.166	0.113	0.142	0.210	4
P09531	Transforming growth factor beta-1 (Fragment)	TGFB1	1.128	1.538		2.400	0.173	<b>0.621</b>		<b>1.263</b>	3
Q57660;F1NI29	CFR-associated protein p70	HADHA	1.128	1.044			0.174	0.062			2
P84175	40S ribomal protein S12	RPS12	1.129	1.493			0.175	<b>0.578</b>			2
Q5ZJQ2	Phenylalanine--tRNA ligase alpha subunit	FARSA	1.134	2.023	4.184		0.181	<b>1.016</b>	2.065		3
F1NU36;F1NDD6;O57378	Uncharacterized protein (Fragment)	LRPAP1;rap	1.137	1.152		1.861	0.185	0.204		<b>0.896</b>	3
F1N9I5;Q9PW24	Uncharacterized protein	ELAVL1;HuA	1.141	0.673	2.993		0.190	-0.571	1.582		3
F1P0Y4;F1P0Y5;Q5F447;F1NW30	Uncharacterized protein	SFRS15;RCJMB04	1.147	0.975	2.308	0.661	0.198	-0.036	1.206	-0.597	4
F1NBL6	Uncharacterized protein (Fragment)	XPO5	1.156	0.826	0.427	0.682	0.209	-0.275	<b>-1.227</b>	-0.552	4
Q5ZIZ5	Uncharacterized protein	NONO	1.157	0.725	4.094	0.306	0.211	-0.463	2.033	-1.707	4
F1NVF0;Q5ZL51	Uncharacterized protein	VPS35;RCJMB04	1.158	0.943	0.573	0.989	0.211	-0.084	<b>-0.804</b>	-0.016	4
Q5ZJ61	Uncharacterized protein	FARSB	1.160	0.792	3.939	0.434	0.214	-0.336	1.978	-1.205	4
Q5ZM62;F1NIH9;F1NII0;F1NHT0;Q5	Putative uncharacterized protein	RCJMB04_2p22;	1.160	0.843	4.012		0.214	-0.247	2.004		3
F1NP63	Uncharacterized protein (Fragment)	KPNB1	1.163	0.809	1.783	0.826	0.218	-0.306	0.834	-0.276	4
Q5ZH20	Spliceome RNA helicase DDX39B	DDX39B	1.180	0.710	0.533	0.717	0.239	-0.494	<b>-0.908</b>	-0.480	4
E1C7K8	Uncharacterized protein	NDUFAF4	1.181	0.842		0.765	0.240	-0.247		-0.386	3
Q98TY6;F1NXW5;F1NL77	Tyrosine kinase negative regulator Cbl	CBL;CBLB	1.184	0.731			0.244	-0.452			2
E1C4M0	Uncharacterized protein	RPS2	1.197		1.584	0.386	0.259		0.663	-1.373	3
Q5ZIV6;F1NSV7;F1NHF5;F1NHM6	Putative uncharacterized protein	RCJMB04_23e15	1.214	0.886	1.276	0.716	0.280	-0.174	0.352	-0.482	4
Q98SE2;Q98TR0	U2snRNP auxiliary factor small subunit	U2AF1	1.216	1.382			0.282	0.466			2
E1BSL7	Uncharacterized protein	ERP44	1.217	0.767	0.711	1.896	0.283	-0.383	-0.492	<b>0.923</b>	4
E1C2C3	Uncharacterized protein	SF3B1	1.226	0.687	4.310	0.720	0.293	-0.541	2.108	-0.474	4
F1P1A5	Uncharacterized protein (Fragment)	TKT	1.233	0.566	2.740	0.153	0.302	-0.822	1.454	<b>-2.708</b>	4
Q5ZLC7	Microtubule-associated protein RP/EB family member 1	MAPRE1	1.234	1.057			0.303	0.080			2

F1N286;Q5ZM98	Stress-70 protein, mitochondrial	HSPA9	1.255	0.983	1.008	1.435	0.328	-0.025	0.012	0.521	4
P00940	Triphosphate isomerase	TPI1	1.260	0.698		1.693	0.333	-0.519		0.759	3
F1NIH4;F1NFY8;Q90687	Tyrosine-protein phosphatase non-receptor type 11 (Fragment)	PTPN11	1.263	1.080	3.375		0.336	0.111	1.755		3
Q5ZLE8;F1NY80;E1C094	Putative uncharacterized protein	RCJMB04_6i5;Dh	1.265		4.177		0.339		2.063		2
G1K342;F1NYB1;P09206;P09653;F1	Uncharacterized protein	TUBB2C	1.265	0.933	1.217	0.883	0.339	-0.100	0.283	-0.179	4
Q6XD56;F1NNR6	SWAN ribonucleoprotein	RBM12	1.265	0.886		1.159	0.339	-0.174		0.213	3
F1N8Z4;Q5ZIC4	Uncharacterized protein	RUVBL1;RCJMB0	1.272	0.623	2.327	0.360	0.347	-0.682	1.218	-1.474	4
Q5ZL82	Isocitrate dehydrogenase [NADP]	RCJMB04_7e11	1.291	0.937	0.837	0.694	0.368	-0.093	-0.256	-0.527	4
Q5F4B4	Cell-cycle related and expression-elevated protein in tumor	RPRD1B	1.303	0.546		0.222	0.382	-0.872		-2.174	3
E1C3A1	Uncharacterized protein	KIF5B	1.303	0.879	2.137	0.449	0.382	-0.186	1.096	-1.155	4
Q5ZKLO	Uncharacterized protein	MCM5	1.305	0.772	6.235		0.384	-0.374	2.640		3
Q5ZLZ1;F1NB20	Putative uncharacterized protein	RCJMB04_4e20;	1.312	0.780			0.392	-0.359			2
F2Z4M0;Q9W7I5;Q9I8G9	Histone-binding protein RBBP4	RBBP4;RBBP7	1.319	1.123	3.467	0.664	0.400	0.167	1.794	-0.591	4
F1NHL2	ubiquitin ligase complex	CAND1	1.322	0.852	0.673	0.875	0.403	-0.230	-0.572	-0.193	4
P79994;F1NPT1;F1NXP4;Q6T722	DNA topoisomerase I	TOP1	1.329	0.815	2.210	0.117	0.410	-0.296	1.144	-3.089	4
Q5F491;F1NIX1;F1NIX2	Putative uncharacterized protein	RCJMB04_2a4;D	1.330	0.884			0.412	-0.177			2
Q5ZLQ7;F1NNL9	Putative uncharacterized protein	RCJMB04_5d7;G	1.332	1.180	0.665	1.047	0.413	0.239	-0.589	0.067	4
F1NFJ0;Q5ZMN2	DNA replication licensing factor MCM3	MCM3	1.370	0.741	4.389	0.728	0.454	-0.433	2.134	-0.457	4
F1ND23	Uncharacterized protein (Fragment)	NDUFS3	1.370	0.875	2.970		0.454	-0.193	1.570		3
F1NKB6;E1BXW3;F1NW16;Q8AYP9	6-phosphofructokinase	PFKL;pfk	1.371		3.839		0.455		1.941		2
Q5ZK92;F1NCJ3;E1C6S3;Q5ZK92-2	Spastin	SPAST	1.371	0.846		1.994	0.455	-0.241		0.996	3
F1NEE3;Q5ZM37;F1NLX5	Uncharacterized protein	PCID2;RCJMB04	1.371	1.357	2.573		0.456	0.440	1.363		3
Q5ZL34;F1NGU9	Cleavage and polyadenylation specificity factor subunit 6	CPSF6	1.388	0.891	0.735	1.048	0.472	-0.167	-0.444	0.067	4
F1NCI5	Uncharacterized protein (Fragment)	HNRNPA0	1.422	0.547	3.758	1.071	0.507	-0.871	1.910	0.099	4
Q5F426	Uncharacterized protein	PDHA1	1.431	0.632	0.568	1.646	0.517	-0.662	-0.815	0.719	4
F1NJ40;Q5F485;F1POH1	ATP-dependent RNA helicase DDX42	DDX42	1.466	1.364		0.592	0.552	0.448		-0.757	3
Q5ZMT0;F1NGW3;F1P2P9	14-3-3 protein epsilon	YWHAE	1.468	0.700			0.553	-0.515			2
P09244	Tubulin beta-7 chain	TUBB7	1.474	0.631			0.559	-0.665			2
F1NKR1	Uncharacterized protein (Fragment)	MAN2A1	1.481	0.730	0.614	1.498	0.566	-0.454	-0.703	0.583	4
E1C538	Uncharacterized protein	NUDT21	1.482	0.966	1.753	0.877	0.568	-0.050	0.809	-0.190	4
E1C2U4	Uncharacterized protein	LOC421110	1.487	0.781	3.985	0.445	0.572	-0.356	1.994	-1.168	4
Q5ZMM8	Uncharacterized protein	LOC416354	1.508	1.253	3.102		0.592	0.325	1.633		3
F1NXX0;Q5ZJV4	Uncharacterized protein	C10orf119;MCM	1.518	0.994	3.848	0.661	0.602	-0.008	1.944	-0.597	4
E1C4U7	Uncharacterized protein	NDUFB3	1.523	0.818			0.607	-0.289			2
P84172	Elongation factor Tu, mitochondrial (Fragment)	TUFM	1.536	1.209	4.483	0.950	0.620	0.274	2.165	-0.074	4
O13016;E1BWI7	Tyrosine-protein phosphatase non-receptor type 1	PTPN1	1.548		2.469		0.630		1.304		2
F1P4A7;F1NQU7;Q5KTT9	Eukaryotic translation initiation factor 4 gamma 2 (Fragment)	EIF4G2;NAT1	1.560	0.967			0.641	-0.049			2
Q5ZL58	Uncharacterized protein	SNRPD3	1.563		2.797		0.644		1.484		2
F1NDS2	Uncharacterized protein (Fragment)	MRPL39	1.617		5.821	0.143	0.693		2.541	-2.808	3
F1NXA5;Q5ZI60;Q5ZM02;Q5ZLS1;F	Uncharacterized protein (Fragment)	CORO1C	1.649	0.380	3.285	0.179	0.721	-1.396	1.716	-2.485	4

F1NJG2;Q8AYC6	Uracil-DNA glycosylase	UNG;ung	1.650	0.328	5.257	0.134	0.722	-1.609	2.394	-2.895	4	
E1BYM1	mRNA cap guanine-N7 methyltransferase	RNMT	1.675	0.721	3.276	0.174	0.744	-0.472	1.712	-2.520	4	
Q6U7I1;F1N909;F1P4U4;Q6U7I1-2;	Ubiquitin carboxyl-terminal hydrolase 7	USP7	1.690	0.615			0.757	-0.702			2	
F1N945;F1NE00	Uncharacterized protein (Fragment)	KIF5C	1.730	0.651	3.919	0.265	0.790	-0.620	1.970	-1.914	4	
F1NWF6;Q5ZJU3	Asparagine synthetase [glutamine-hydrolyzing]	ASNS	1.846	0.891	2.691	0.432	0.884	-0.166	1.428	-1.209	4	
P00340;E1BTT8	L-lactate dehydrogenase A chain	LDHA	1.918	0.539	5.168	0.368	0.940	-0.891	2.370	-1.442	4	
E1C3R4;E1C6R3	Uncharacterized protein	LANCL2	2.090		3.593	0.389	1.064		1.845	-1.361	3	
E1C8Q3	Uncharacterized protein	ALDH18A1	2.195	1.100	4.346	1.087	1.134	0.137	2.120	0.121	4	
Q5F3C0;E1BVJ5	Putative uncharacterized protein	RCJMB04_22h1;	2.229	0.411	4.028	0.322	1.156	-1.284	2.010	-1.633	4	
Q9PW38;F1P187;E1C756	Gephyrin	GPHN	2.522	0.594	0.591		1.335	-0.751	-0.759		3	
E1BXF5;E1C6D1	Microtubule-associated protein	MAP2	2.663	0.213	3.106	0.564	1.413	-2.233	1.635	-0.825	4	
Q5ZKK1;F1NRY2;F1N8Q2	Microtubule-associated protein RP/EB family member 2	MAPRE2	2.805	0.385	2.869		1.488	-1.376	1.520		3	
Q5ZLV5;F1P472;F1P463	Uncharacterized protein	RCJMB04_4i9;CNDP2			0.161	3.389				-2.639	1.761	2
Q5ZLN1;F1NHM9;F1NQ41	Phosphoglycerate mutase 1	PGAM1			0.235	10.508				-2.089	3.393	2
F1NDI7;F1NC33;Q04619	Heat shock cognate protein HSP 90-beta	HSP90AB1		0.860	0.318	0.662		-0.217	-1.652	-0.595	3	
Q5ZM75	Putative uncharacterized protein	RCJMB04_2o24			0.342	1.496			-1.548	0.581	2	
E1C6N0;Q5ZJ35	Uncharacterized protein	PSMD14			0.350	1.702			-1.513	0.767	2	
E1BZJ3	Uncharacterized protein	NPLOC4			0.355	1.327			-1.493	0.408	2	
P13648	Lamin-A	LMNA			0.358	7.185			-1.481	2.845	2	
E1C3A9;F1NNX1;P81021	Vigilin	HDLBP			0.361	0.616			-1.468	-0.700	2	
Q5ZJV5	Uncharacterized protein	COX4I1			0.380	1.359			-1.398	0.443	2	
P23007	Citrate synthase, mitochondrial	CS			0.407	19.213			-1.296	4.264	2	
F1NU73;Q5ZMF6	Uncharacterized protein	TRAP1;RCJMB04_2d7		0.790	0.443	0.657		-0.341	-1.174	-0.606	3	
E1C516	Uncharacterized protein	PROSC		1.013	0.456	1.672		0.019	-1.134	0.741	3	
F1NV05;F1NIJ6;Q5ZMU3;CON_Q3	Glucose-6-phosphate isomerase	GPI;RCJMB04_1c14		0.851	0.459			-0.232	-1.124		2	
P09102;F1N9H3;P12244	Protein disulfide-isomerase	P4HB			0.479	3.023			-1.063	1.596	2	
F1P5J5;Q5ZKF3	Uncharacterized protein	AARS;RCJMB04_11d4		1.176	0.505	0.452		0.234	-0.984	-1.147	3	
Q9YGW6;F1P3H9	Ezrin	EZR			0.526	0.864			-0.927	-0.211	2	
P54939;E1BWD2;E1C2S1;E1BUK3	Talin-1	TLN1		0.416	0.531	2.243		-1.265	-0.914	1.165	3	
F1NQP8;E1BRG8;Q5F443	Uncharacterized protein	CCDC6;RCJMB04_3i14		1.712	0.573	3.605		0.775	-0.803	1.850	3	
F1NRK5;Q5ZHR4;E1C7P8;E1C1B7;E	Uncharacterized protein	GARS;RCJMB04_34b10		0.834	0.674	0.807		-0.262	-0.570	-0.310	3	
Q5ZK08;F1NBD1	Putative uncharacterized protein	RCJMB04_13p14;NARS			0.730	1.298			-0.453	0.376	2	
F1NER5	Uncharacterized protein	CHID1		0.784	0.759	1.086		-0.351	-0.399	0.119	3	
F1P4U8	Uncharacterized protein				0.902	1.370			-0.149	0.454	2	
Q5ZMW1;Q8AYI3	Aconitase	ACO2			0.904	1.695			-0.146	0.761	2	
F1NXD7	Uncharacterized protein	SEC23IP			0.994	1.375			-0.009	0.459	2	
E1C555;F1NJN5	Uncharacterized protein	SMARCD2;SMARCD3		1.099	1.140	0.671		0.136	0.189	-0.576	3	
F1NNI2	Uncharacterized protein	LONP1			1.191	0.364			0.252	-1.459	2	
E1BVN5	Uncharacterized protein	PLRG1			1.200	0.322			0.263	-1.637	2	
Q5ZLH1	Uncharacterized protein	RPA2		1.259	1.217	1.238		0.333	0.283	0.308	3	

F1NQH4;Q90YB6;Q90WG3;F1NCE3	Formin binding protein 11-related protein	PRPF40A;FBP			1.293	1.170			0.371	0.227	2
Q9YHT1;F1NPJ4;F1NHM1	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitoch	SDHA		1.834	1.440			<b>0.875</b>	0.526		2
F1N2Z5	Uncharacterized protein	EIF3B			1.446	0.439			0.532	-1.187	2
F1NRB9	Tubulin alpha 3	TUBA3E		0.855	1.507	0.617		-0.226	0.591	-0.697	3
F1NF75	Uncharacterized protein	EEPDP1		1.185	1.559	0.380		0.245	0.640	-1.396	3
Q5ZKP8;F1NE72;E1C3E0;Q8JGU2;R	Lysyl-tRNA synthetase	RCJMB04_9m1;KARS		0.913	1.579	0.751		-0.131	0.659	-0.413	3
P10360	Cellular tumor antigen p53	TP53		0.443	1.627	0.186		-1.175	0.702	-2.429	3
E1C3Y5	Protein transport protein Sec23A	SEC23A		1.605	1.669	0.114		<b>0.683</b>	0.739	-3.134	3
E1BTG1	Uncharacterized protein	RPL12			1.688	3.246			0.755	<b>1.699</b>	2
E1BVP9;F1P2M7;Q5F399	Uncharacterized protein	PRPF38B			1.704	0.831			0.769	-0.267	2
Q5F387	Uncharacterized protein	SF3A3			1.737	0.837			0.796	-0.257	2
F1N8J0;Q5ZLW8	Uncharacterized protein	ACAA2;RCJMB04_4j7		1.141	1.742			0.191	0.801		2
F1NCA1;Q5ZL28	Uncharacterized protein	CCNK;RCJMB04_8b8		0.933	1.837			-0.101	0.878		2
E1BRA6	Uncharacterized protein	DNAJC10		1.766	1.841	2.047		<b>0.820</b>	0.881	<b>1.033</b>	3
Q5F4A4;E1C707;Q5ZL11;F1N808	Inosine-5-monophosphate dehydrogenase	IMPDP2		0.303	1.885	0.498		-1.724	0.914	-1.006	3
Q5ZKF7;E1C6M5;F1NIK2	Putative uncharacterized protein	RCJMB04_11c15;CBL		0.857	2.079	0.790		-0.223	1.056	-0.340	3
E5DEA6;E5DFI5;E5DFL1;P18944;Q4	Cytochrome c oxidase subunit 2	COX2;MT-CO2;COII		1.183	2.081			0.242	1.057		2
E1BUH7	Uncharacterized protein	TMEM43			2.082	0.582			1.058	-0.781	2
F1NAC6;D0VX31	Uncharacterized protein	UQCRC1			2.117	0.167			1.082	-2.583	2
E1BY94	Uncharacterized protein	DEPTOR			2.132	0.330			1.092	-1.599	2
E1BQK9;F1P2U1	Uncharacterized protein	CUL4B;LOC418744		1.092	2.334	0.533		0.127	1.223	-0.908	3
Q5ZM11;F1NFP5	Arginine--tRNA ligase, cytoplasmic	RARS		0.830	2.476	0.403		-0.268	1.308	-1.312	3
E1BQE4;E1BQE3;E1BQE2	Uncharacterized protein	RBM26			2.563	1.211			1.358	0.276	2
F1P179;Q5ZJ86	Uncharacterized protein	EPRS;RCJMB04_20b9			2.645	0.296			1.403	-1.756	2
F1NLG5;F1NR54	Uncharacterized protein	SFXN1			2.761	0.290			1.465	-1.785	2
Q5ZLW6;F1P394	DNA ligase	RCJMB04_4j11;LIG3			2.826	0.245			1.499	-2.027	2
E1BQV7	Uncharacterized protein	SLK			2.938	0.253			1.555	-1.985	2
P18660	60S acidic ribosomal protein P1	RPLP1		0.787	2.959			-0.345	1.565		2
F1P257	Uncharacterized protein	TPP2		0.842	3.060	0.433		-0.247	1.614	-1.206	3
E1C262;E1BWK3	Uncharacterized protein	AP3D1			3.160	0.577			1.660	-0.794	2
E1BZ78	Uncharacterized protein	SMG8		0.835	3.207			-0.261	1.681		2
F1N8F0;Q9YGM2	<b>Delta-9 desaturase</b>	SCD		1.951	3.587	0.841		<b>0.964</b>	1.843	-0.250	3
E1C0J3;E1C0J4	Uncharacterized protein	UPF1			3.598	0.718			1.847	-0.477	2
Q5ZLR5	Cytochrome b-c1 complex subunit Rieske, mitochondrial	UQCRCFS1		0.784	3.641			-0.351	1.864		2
E1BZ33	Uncharacterized protein	MYBBP1A			3.730	0.463			1.899	-1.109	2
E1C2I9	Uncharacterized protein	LARS			3.917	0.250			1.970	-2.000	2
E1BXI7	Uncharacterized protein	LARS2			3.920	0.477			1.971	-1.067	2
Q8UWC5	Nuclear protein matrin 3	MATR3		0.802	3.978	1.120		-0.318	1.992	0.163	3
Q5F3L1	Ribosomal protein S6 kinase alpha-5	RPS6KA5		0.772	4.016			-0.373	2.006		2
E1BQH2	Uncharacterized protein	IARS			4.444	0.312			2.152	-1.679	2

E1BZT5	Uncharacterized protein	PRPF8			4.535	0.485			2.181	-1.045	2	
Q5ZHW3;E1C9E5	Uncharacterized protein	BUB3		0.740	4.773			-0.435	2.255		2	
G1K2Y5;Q5F3X4	116 kDa U5 small nuclear ribonucleoprotein component	EFTUD2		1.380	4.973	0.717		0.464	2.314	-0.481	3	
F1NBM0	Uncharacterized protein	OGFOD1		0.908	5.133			-0.139	2.360		2	
F1N9U0	Uncharacterized protein	PRPF6			5.749	0.721			2.523	-0.473	2	
F1P0W4	Uncharacterized protein	H1FX			5.777	0.250			2.530	-1.998	2	
Q5ZK03	Protein transport protein Sec23A	SEC23A		0.967	6.214	0.245		-0.049	2.636	-2.028	3	
A1KXL9;A5HUJ1;F1NBH9	XCTK2-like motor protein	KIFC1			8.377	0.164			3.066	-2.611	2	
F1NVY9	Uncharacterized protein	ATPIF1		1.447		2.040		<b>0.533</b>		<b>1.028</b>	2	
F1NJU7;Q5ZJ08;REV__A3FM20;REV	Tyrosine--tRNA ligase, cytoplasmic	YARS		1.443		2.133		<b>0.529</b>		<b>1.093</b>	2	
E1BW50;Q5ZHU8;F1NRC7;F1NQD1	Uncharacterized protein	CTNNBL1		1.318		1.464		0.398		0.550	2	
O42395;O57348;F1N8C2;F1NI84;Q9	Cellular nucleic acid-binding protein	CNBP		1.288		1.746		0.365		0.804	2	
P68034;P68139;P08023;P63270;F1	Actin, alpha cardiac muscle 1;Actin, alpha skeletal muscle;Actin, aor	ACTC1;ACTA1;ACTA2;ACT		1.248		0.435		0.319		-1.201	2	
Q5ZK40	SWI/SNF-related matrix-associated actin-dependent regulator of ch	SMARCB1		0.978		0.311		-0.032		-1.686	2	
Q5ZKB2;F1NAGO;Q5ZKR8;REV__O4	Microtubule-associated protein	RCJMB04_11p11;MCM6		0.588		0.327		-0.767		-1.615	2	
		median		0.962	0.997	1.841	0.730	-0.051	0.006	0.914	-0.453	
		1 sd		0.094	0.219	1.527	0.501	0.098	0.356	1.071	1.059	
		median +/- 1 sd		-0.001	1.089	-0.560	0.993	-0.001	0.123	-0.295	-2.157	

Key: **Bold** indicates ratio +/- 1sd of median. Heatmap annotation identifies enriched high confidence ratios (green) decreasing to low confidence or contradictory ratios (red). Green proteins are those also found in FLAG pulldowns