

238/1045 proteins		Injected/Control				Pept used	Total Peptides	MW (kDa)	Description	Species
proteins	Gene & Synonyms	ratio	Log2	p-value						
Q6P972	tuba2	1000	1000		9	9	50.0	Tubulin alpha chain	Danio rerio	
Q5T255	ezb2 (ECO)	1000	1000		8	8	68.7	Ezrin	Danio rerio	
ETFA45	micall1a	1000	1000		6	6	96.1	MICAL-like 1a	Danio rerio	
Q6Q0H1	atp1b3a	1000	1000		6	6	32.0	Adenosine triphosphatase ATPase subunit beta	Danio rerio	
ACE2E1	ee122 (ECO)	1000	1000		4	4	95.9	Eukaryotic translation elongation factor 2-like 2	Danio rerio	
A4FULM6	atp6v1b2	1000	1000		4	4	56.5	ATPase H+ transporting, lysosomal V1 subunit B2	Danio rerio	
AOA0R4IHG0	cyb	1000	1000		3	3	54.0	Solute carrier family 16, member 6a	Danio rerio	
AOA0R4IW71	cyb	1000	1000		3	3	88.9	Elastin microfibril interfacer 2b	Danio rerio	
A2BENB	si.ch211.14.1	1000	1000		3	3	20.7	Si.ch211-10724_10	Danio rerio	
A2CEJ3	spbh2b (EC)	1000	1000		3	3	110.8	Spbh receptor 62b	Danio rerio	
ARW00	slamf2	1000	1000		3	3	55.6	Signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	Danio rerio	
F1Q9G1	sv2ba	1000	1000		3	3	78.5	SubName: Full=Synaptic vesicle glycoprotein 2Ba (ECO:0000313)Ensembl:ENSADRP00000106886	Danio rerio	
F1Q9R3	paln3	1000	1000		3	3	47.5	Paralamin 3	Danio rerio	
F1Q9E6	lsp101a (E)	1000	1000		3	3	44.1	Tumor susceptibility 101a	Danio rerio	
F1Q2Q0	ftcd	1000	1000		3	3	60.4	Fomimidoyltransferase cyclodeaminase (Fragment)	Danio rerio	
Q586B9	lfp2b.CH2	1000	1000		3	3	24.1	Lipoma HMG3 fusion partner-like 2b	Danio rerio	
Q6PFL4	cdc42 (ECO)	1000	1000		3	3	21.3	Cell division cycle 42	Danio rerio	
Q8Q3J6	sdcbp2 (EC)	1000	1000		3	3	32.4	Sdcbp protein	Danio rerio	
Q9PRH9	fabp2.FA6	1000	1000		3	3	15.1	Fabp2 protein	Danio rerio	
Q9U6Y5	47.89616	5.581838	7.35E-06		34	34	28.1	SWISS-PROT:Q9U6Y5 Green fluorescent protein (GFP-Cter-His Tag)	Zoanthus sp.	
B8JLR1	pdcd8ip (E)	34.64554	5.114723	5.37E-10	37	42	85.8	Programmed cell death 8-interacting protein	Danio rerio	
Q4V920	pacscn1b.1	26.33527	4.718924	0.006642	8	8	51.4	Protein kinase C and casein kinase substrate in neurons protein 1	Danio rerio	
Q8Q0C8	zgc:153011	13.57107	3.762462	0.0591	7	7	27.6	Zgc:153018	Danio rerio	
Q5RG12	hsp90aa1.1	10.34728	3.371179	0.246482	4	4	84.7	Heat shock protein 90, alpha (cytosolic), class A member 1, tandem duplicate 2	Danio rerio	
Q6P3M0	slc30a1a (E)	9.688034	3.276204	0.013979	6	6	53.9	Solute carrier family 30 (zinc transporter), member 1	Danio rerio	
Q6D9M9	smc1a1.smc	9.248489	3.209218	0.107496	8	8	143.1	Structural maintenance of chromosomes protein	Danio rerio	
F1Q983	hpsmat	9.147191	3.193329	0.000492	10	10	72.7	Heparan-alpha-L-glucosaminide N-acetyltransferase	Danio rerio	
Q1Q173	prkar2a	8.224121	3.142116	0.000117	5	5	25.2	Changed multimeric body protein 4c	Danio rerio	
AGC3T0	prkar2aa	8.863802	3.164079	1.99E-08	17	17	44.7	Protein kinase, cAMP-dependent, regulatory, type II, alpha A	Danio rerio	
Q6H6W2	ehd1b (E)	8.564853	3.098429	4.13E-06	29	29	60.0	EH-domain containing 1	Danio rerio	
F1RCV0	abcc2	6.953638	2.797768	0.004592	14	14	174.0	ATP-binding cassette, sub-family C (CFTR/MRP), member 2 (Fragment)	Danio rerio	
F1Q9D2	cpn3	6.938865	2.7947	0.009034	16	16	59.9	SubName: Full=Copine III (ECO:0000313)Ensembl:ENSADRP00000139825	Danio rerio	
Q8N9X8	st13	6.514146	2.703576	0.000971	9	9	39.9	ST13, Hsp70-interacting protein	Danio rerio	
ETXK06	slc7a8b.a1	6.377338	2.672914	0.002259	23	29	57.3	Solute carrier family 7 (amino acid transporter/light chain, L system), member 8a	Danio rerio	
AA02G2XK16	h	6.138844	2.618202	0.068844	5	5	71.4	Dynamin 2b	Danio rerio	
Q6PG05	hfg	5.587586	2.482225	0.079884	6	6	42.3	TfII protein	Danio rerio	
Q6PW55	rpe65a.rpe	5.371721	2.425384	0.009497	17	27	60.8	Retinoid isomerase/hydrolase	Danio rerio	
Q6Y811	ehd1a (EC)	5.116874	2.355263	1.18E-06	35	35	60.2	EH-domain-containing 1a	Danio rerio	
B0SSU0	palc2	5.070243	2.342055	0.03061	6	6	33.3	PQ loop repeat-containing 2	Danio rerio	
Q2T1K0	rho27c (ECO)	5.063455	2.340122	0.003557	13	13	271.3	Cation-dependent mannose 6-phosphate receptor	Danio rerio	
P33359	rho26a2	4.830891	2.301846	0.019248	15	15	39.7	Rhodopsin	Danio rerio	
F1R314	zgc:110425	4.897796	2.292133	0.070777	6	6	20.2	Zgc:110425	Danio rerio	
AOA0R4JBE6	cyb	4.439221	2.150307	0.283406	5	5	274.4	Pre-mRNA-processing factor 8	Danio rerio	
Q6DFZ5	slc22a3a (E)	4.422795	2.144958	0.197797	8	8	58.6	Solute carrier family 22 (facilitated glucose transporter), member 3a	Danio rerio	
F1RBH4	slc12	4.415908	2.142711	0.405825	8	8	96.2	SID1 transmembrane family, member 2	Danio rerio	
B0UXS0	hmox1a.hm	4.357554	2.123519	0.0591	5	5	30.4	Heme oxygenase 1a	Danio rerio	
AOA0R4ISK5	cyb	4.198538	2.0692	0.0867	5	5	191.2	ATP-binding cassette, sub-family A (ABC1), member 3b	Danio rerio	
Q6P219	cd63 (ECO)	4.13062	2.046358	0.146835	6	6	25.8	Tetraspanin	Danio rerio	
AOA0R4IWE1	cyb	4.050743	2.018186	0.063117	5	5	32.0	Fumarylacetoacetate hydrolase domain-containing 2A	Danio rerio	
Q7ZV08	scamp2	4.035525	2.012756	0.061102	5	5	36.0	Secretory carrier-associated membrane protein	Danio rerio	
F1QW87	cdc114	3.926966	1.973415	0.365075	5	5	66.4	Coiled-coil domain-containing 114	Danio rerio	
Q8Q3W0	ddx39ab.d	3.921304	1.971333	0.460108	8	8	48.9	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39Ab	Danio rerio	
AK3PK3	hsh111	3.815732	1.911336	0.095707	6	6	20.7	Histone H1-like	Danio rerio	
F1RAX4	stra6	3.738811	1.902579	0.000277	39	39	75.4	Stimulated by retinoic acid 6	Danio rerio	
ET6F22	sv2a	3.684952	1.881646	0.00285	10	10	83.5	Synaptic vesicle glycoprotein 2A	Danio rerio	
F1QNF8	ugt5b2.ugt	3.678675	1.878401	0.311379	6	6	60.7	UDP glucuronosyltransferase 5 family, polypeptide B1	Danio rerio	
Q0K1Z7	kon13.K17	3.640308	1.864061	0.091751	6	6	40.6	Inwardly rectifying potassium channel 7.1	Danio rerio	
F1QD46	act1b	3.528358	1.818997	0.068844	6	6	77.7	Act-CaA synthetase long-chain family member 1b	Danio rerio	
B0R026	pmt5.C14	3.449405	1.768347	0.284636	6	6	71.9	RecName: Full=Protein arginine N-methyltransferase 5 (ECO:0000256)PIRNR:PIRNR015894; EC=2.1.1 (ECO:0000256)PIRNR:PIRNR015894	Danio rerio	
B5DD24	acta1.dpo4	3.395042	1.76343	0.068844	12	12	84.7	Acta1 protein	Danio rerio	
Q7W040	mat1a	3.353615	1.745717	0.111794	6	6	43.3	S-adenosylmethionine synthase	Danio rerio	
F1QOE8	m167	3.341055	1.740304	0.131813	5	5	44.2	Ring finger protein 167	Danio rerio	
I3ITN9	aldh1f1	3.28427	1.715573	0.234972	6	6	100.2	10-formyltetrahydrofolate dehydrogenase	Danio rerio	
ETP291	camp	3.159101	1.659514	0.727292	3	3	123.6	Cell migration-inducing protein, hyaluronan-binding (Fragment)	Danio rerio	
F1Q0C5	slc27a2a.s	3.141196	1.647615	0.076116	24	24	69.0	Solute carrier family 27 (fatty acid transporter), member 2a	Danio rerio	
Q58RH0	parp1	3.123111	1.642984	0.122546	14	19	112.8	Poly (ADP-ribose) polymerase	Danio rerio	
AOA0G2KW99	asna1.std1	3.108599	1.636265	0.455755	4	4	0.0	no description	Unknown organism	
Q6IQE5	asna1	3.072539	1.619431	0.405906	5	5	38.3	ATPase asna1	Danio rerio	
B0UYN4	zgc:162944	3.03083	1.599713	0.167438	5	5	24.1	Zgc:162944	Danio rerio	
ETP123	BX005410	2.989814	1.570275	0.094964	16	16	109.4	Aminopeptidase	Danio rerio	
Q8UJY2	sun60b.pan	2.989355	1.569996	0.033617	8	13	198.2	Transcription elongation factor SPT6	Danio rerio	
F1QHF2	si.ch217177	2.95086	1.561038	0.170018	4	4	41.1	Mitogen-activated protein kinase	Danio rerio	
F1Q5P6	rfc1	2.864584	1.518326	0.123661	5	5	125.4	Replication factor C (activator 1) 1	Danio rerio	
Q7T3D3	gna11 (ECO)	2.806124	1.488579	0.170888	12	12	40.3	Guanine nucleotide-binding protein (G protein), alpha-inhibiting activity polypeptide 1	Danio rerio	
AOA0G2L9M2	zgc:1278531	2.78531	1.477838	0.211585	10	10	67.2	Amino acid transporter	Danio rerio	
Q8Q3J3	rab2a	2.779138	1.474637	0.090304	18	23	23.5	RAB2A, member RAS oncogene family	Danio rerio	
Q7T070	mbp.sd.aka	2.7546	1.461843	0.546171	12	12	50.1	Ammonium transporter Rh type B	Danio rerio	
F1Q112	si.ch21939	2.746276	1.457477	0.123661	4	4	106.3	Si.ch21939.12.3	Danio rerio	
F1R3F0	zgc:158422	2.711519	1.439101	0.124699	10	10	53.4	Zgc:158423	Danio rerio	
HWEE64	znf1044.sl	2.674492	1.419265	0.641516	4	4	45.3	Uncharacterized protein	Danio rerio	
Q5UJ55	slc6a1b.als	2.635171	1.397897	0.527263	5	5	67.1	Transporter	Danio rerio	
Q8TH32	chl1 (ECO)	2.567336	1.360272	0.422496	18	18	18.8	Cofilin 1	Danio rerio	
Q8PE34	zgc:65894	2.537011	1.354459	0.451588	8	8	49.6	Tubulin beta chain	Danio rerio	
F1R2W0	ansx1b	2.5301	1.331935	0.260092	6	6	51.5	Annxin 6	Danio rerio	
F1Q172	dhx16	2.525351	1.336844	0.537318	5	5	121.6	DEAH (Asp-Glu-Ala-His) box polypeptide 16	Danio rerio	
Q5PR98	ndrg2.zgc	2.49988	1.321859	0.379944	10	10	40.5	Protein NDRG2	Danio rerio	
Q6TH07	flot1b (ECO)	2.473013	1.30627	1.76E-05	89	95	47.2	Flotillin 1	Danio rerio	
Q5Q3V2	apoaa.zgc	2.458038	1.297507	0.070777	34	34	32.0	Apolipoprotein Ea	Danio rerio	
Q8P3H8	slc32a2 (E)	2.455503	1.296019	0.000702	53	59	56.0	Solute carrier family 3 (amino acid transporter heavy chain), member 2b	Danio rerio	
Q8I9E5	snmp	2.335502	1.223733	0.592638	4	4	24.5	Small nuclear ribonucleoprotein-associated protein	Danio rerio	
A2BHM7	slc9a1e1a	2.292144	1.186908	0.444173	5	5	37.8	Monosaccharyl O-acetyltransferase 3b	Danio rerio	
AOA0G2L9F7	zgc:1274713	2.274713	1.185685	0.204786	5	5	91.0	Strawberry notch homolog 1 (Drosophila)	Danio rerio	
Q6PD99	marcks1a	2.22981	1.156921	0.197797	9	9	22.1	MARCKS-like 1	Danio rerio	
Q5T2Z7	sv11a	2.200415	1.137775	0.123661	6	6	47.4	Synaptotagmin 1	Danio rerio	
Q7ZV85	snrp31	2.19101	1.131596	0.49392	6	6	14.0	Small nuclear ribonucleoprotein D3 polypeptide-like	Danio rerio	
B8JKK6	pbpa (ECO)	2.185358	1.12787	0.453403	6	6	17.4	Preplyl-prolyl cis-trans isomerase	Danio rerio	
ASPM17	slk12	2.1727	1.119489	0.405906	4	4	30.0	Syntaxin 12	Danio rerio	
F1Q1V7	gans (ECO)	2.146374	1.101902	0.094964	6	6	78.3	Glycyl-tRNA synthetase	Danio rerio	
Q6P2U5	arf6a (ECO)	2.138324	1.09648	0.146835	10	10	20.1	ADP-ribosylation factor 6a	Danio rerio	
F1Q6P4	cd82a	2.100767	1.070916	0.032339	6	6	28.6	Tetraspanin	Danio rerio	
F6PEJ8	si.ch211.74	2.096504	1.067986	0.070777	6	6	35.8	Si.ch211-74m13.1	Danio rerio	
Q5SNR2	slc35b6	2.092417	1.05517	0.067564	6	6	41.2	Solute carrier family 35, member F6	Danio rerio	
ETFE19	snp (ECO)	2.092194	1.05017	0.107552	31	31	46.5	2'-3'-cyclic nucleotide 3' phosphodiesterase	Danio rerio	

