Protein	Accession	Reference	60min_COA	60min_ICAT_Ratio	120min_COA	120min_ICAT_Ratio	8hr_COA	8hr_ICAT_Ratio	24hr_COA	24hr_ICAT_Ratio	LocusLink
[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial precurso	O55028	BCKD_MOUSE							1	1.12	12041
[Protein ADP-ribosylarginine] hydrolase (EC 3.2.2.19) (ADP-ribosylarginine hydrolase	P54923	ADPRH_MOUSE	1	1.06							11544
[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4, mitochondrial precursor (EC	O70571	PDK4_MOUSE	1	3.37					3	2.59	27273
0610016J10Rik protein (C21orf19-like protein)	Q91VH6	Q91VH6	6	1.59	3	1.27	3	1.61	7	1.28	
0710005I19Rik protein	Q80VM8	Q80VM8							1	5.87	
1110001C20Rik protein	Q80V26	Q80V26	5	1.29	4	1.20			2	0.99	
1110007A06Rik protein	Q80YQ8	Q80YQ8			1	0.82					
1110021E09Rik protein (RIKEN cDNA 1110021E09)	Q80SY5	Q80SY5	3	1.38			1	1.38			
1110033C18Rik protein	Q99LN9	Q99LN9			1	1.01					
1110061O04Rik protein	Q8VEL2	Q8VEL2	1	2.22	1	0.80	2	1.05			
1190005F20Rik protein (Fragment)	Q8R203	Q8R203	1	2.53	1	3.01	2	3.32	3	1.08	
130-kDa phosphatidylinositol 4,5-biphosphate-dependent ARF1 GTPase-activating pr	Q9QWY8	DDEF1_MOUSE	3	1.97	2	1.24					13196
14 kDa phosphohistidine phosphatase (EC 3.1.3.-) (Phosphohistidine phosphatase 1)	Q9DAK9	PHP14_MOUSE	3	4.78	1	1.81	1	2.72			75454
14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1)	Q9CQV8	1433B_MOUSE	2	1.54							54401
14-3-3 protein epsilon (14-3-3E)	P62259	1433E_MOUSE	17	2.05	9	1.48	12	1.97	19	1.27	
14-3-3 protein eta	P68510	1433F_MOUSE	3	1.13	4	1.49			1	7.87	22629
14-3-3 protein gamma	P61982	1433G_MOUSE	3	2.19	6	1.65	5	1.82	3	1.38	22628
14-3-3 protein zeta/delta (Protein kinase C inhibitor protein-1) (KCIP-1) (SEZ-2)	P63101	1433Z_MOUSE	3	1.53	2	1.27	1	2.20	2	1.25	22631
15 kDa selenoprotein precursor	Q9ERR7	SEP15_MOUSE	1	3.23	2	4.02	1	0.99	3	1.67	93684
1500031N24Rik protein (Fragment)	Q8R0U9	Q8R0U9			1	1.56					
1810009A16Rik protein (Fragment)	Q8CGE0	Q8CGE0							1	2.85	
1810020C19Rik protein	Q8K1E6	Q8K1E6	1	2.83			1	0.67	1	1.29	
1810049O03Rik protein	Q66JT1	Q66JT1					1	19.80			
1-acyl-sn-glycerol-3-phosphate acyltransferase alpha (EC 2.3.1.51) (1-AGP acyltransf	O35083	PLCA_MOUSE	1	1.12							55979
1-O-acylceramide synthase precursor (EC 2.3.1.-) (ACS) (Lysosomal phospholipase A	Q8VEB4	LYPA3_MOUSE	4	1.40	5	1.07	1	0.82	1	0.65	192654
2',3'-cyclic-nucleotide 3'-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase)	P16330	CN37_MOUSE	3	2.15	2	1.83			3	1.07	12799
2010311D03Rik protein	Q99LS1	Q99LS1					1	1.88			
2310001H12Rik protein	Q921H6	Q921H6			1	0.19					
2600003E23Rik protein	Q80YS6	Q80YS6	1	2.23	1	1.51	2	3.13	4	1.53	
2610014M12Rik protein	Q7TPL6	Q7TPL6					1	0.45			
2610205E22Rik protein	Q8R2U4	Q8R2U4	2	2.50	1	1.51	1	1.54	1	1.69	
26S protease regulatory subunit 4 (P26s4) (Proteasome 26S subunit ATPase 1)	P62192	PRS4_MOUSE	4	0.89	5	0.83					19179
26S protease regulatory subunit 6B (MIP224) (MB67 interacting protein) (TAT-binding	P54775	PRS6B_MOUSE	2	1.07							23996
26S protease regulatory subunit 8 (Proteasome subunit p45) (p45/SUG) (Proteasome	P62196	PRS8_MOUSE	1	0.81							19184
26S protease regulatory subunit S10B (Proteasome subunit p42) (Proteasome 26S su	P62334	PRS10_MOUSE	4	1.43	5	0.74	5	2.93	5	1.15	67089
26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subu	Q9WVJ2	PSD13_MOUSE	6	1.43	6	1.12	2	1.77	3	1.51	23997
26S proteasome non-ATPase regulatory subunit 2 (26S proteasome regulatory subun	Q8VDM4	PSD2_MOUSE	13	1.26	14	1.09	1	1.49	1	1.09	21762
26S proteasome non-ATPase regulatory subunit 3 (26S proteasome regulatory subun	P14685	PSD3_MOUSE	4	1.31	5	0.94	6	0.96	6	0.80	22123
26S proteasome non-ATPase regulatory subunit 4 (26S proteasome regulatory subun	O35226	PSD4_MOUSE	3	1.12	6	0.88	4	1.44	2	0.91	19185
26S proteasome non-ATPase regulatory subunit 5 (26S proteasome subunit S5B) (26	Q8BJY1	PSD5_MOUSE	3	2.58	2	1.28	1	3.58			66998
26S proteasome non-ATPase regulatory subunit 6 (26S proteasome regulatory subun	Q99JI4	PSD6_MOUSE	2	1.06	6	1.03	3	1.43	4	1.10	66413
26S proteasome non-ATPase regulatory subunit 7 (26S proteasome regulatory subun	P26516	PSD7_MOUSE	6	1.38	1	1.07	2	1.18	3	1.31	17463
2700008B19Rik protein (Novel protein)	Q6P1G0	Q6P1G0	4	1.57	5	1.36			2	0.90	
2810013E07Rik protein	Q80V86	Q80V86			1	1.45			1	1.02	
2810028N01Rik protein	Q8R2P7	Q8R2P7							2	1.26	
2810429O05Rik protein (Mus musculus 0 day neonate head cDNA, RIKEN full-length	Q8K015	Q8K015							1	1.31	
2810442I22Rik protein (Fragment)	Q8K314	Q8K314							2	0.76	
28S ribosomal protein S17, mitochondrial precursor (S17mt) (MRP-S17)	Q9CQE3	RT17_MOUSE	1	1.10							66258
28S ribosomal protein S18a, mitochondrial precursor (MRP-S18-a) (Mrps18a) (MRP-S	Q99N85	RT18A_MOUSE	2	1.30	3	1.62	1	0.93	2	1.06	68565
28S ribosomal protein S18b, mitochondrial precursor (MRP-S18-b) (Mrps18b) (MRP-S	Q99N84	RT18B_MOUSE	2	1.29			1	0.86			66973
2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial precursor (EC 2.3.1.29) (AI	O88986	KBL_MOUSE	2	1.07			1	0.65	1	0.25	26912
2-aminoadipic 6-semialdehyde dehydrogenase (EC 1.2.1.31)	Q80WC9	Q80WC9							1	1.23	
3'(2'),5'-bisphosphate nucleotidase 1 (EC 3.1.3.7) (Bisphosphate 3'-nucleotidase 1) (P	Q9Z0S1	BPNT1_MOUSE			1	0.61	1	1.17			23827
3110003A17Rik protein (Fragment)	Q8CHQ7	Q8CHQ7	30	2.81	26	2.45	9	2.08	5	2.06	
3110047P20Rik protein (Fragment)	Q6P5U7	Q6P5U7	1	0.52							
3110050K21Rik protein (Fragment)	Q8CIK5	Q8CIK5	1	0.61							
3110052M02Rik protein	Q6P2K7	Q6P2K7			1	0.06					
3222401M22Rik protein	Q8CHX7	Q8CHX7							1	1.02	

39S ribosomal protein L11, mitochondrial precursor (L11mt) (MRP-L11)	Q9CQF0	RM11_MOUSE	2	1.16	3	0.92					66419
39S ribosomal protein L13, mitochondrial (L13mt) (MRP-L13)	Q9D1P0	RM13_MOUSE	2	1.74	2	0.87					68537
39S ribosomal protein L19, mitochondrial precursor (L19mt) (MRP-L19)	Q9D338	RM19_MOUSE	1	0.87	1	0.93	2	1.29			56284
39S ribosomal protein L32, mitochondrial precursor (L32mt) (MRP-L32) (Heart expres	Q9DCI9	RM32_MOUSE	3	2.24	5	1.07	1	0.57	6	1.01	75398
39S ribosomal protein L46, mitochondrial precursor (L46mt) (MRP-L46)	Q9EQI8	RM46_MOUSE	4	1.01	3	0.98	1	1.28	2	1.10	67308
3-hydroxyacyl-CoA dehydrogenase type II (EC 1.1.1.35) (Type II HADH) (Endoplasmi	O08756	HCD2_MOUSE	6	1.28	2	1.67	1	1.94			15108
3-hydroxyisobutyrate dehydrogenase, mitochondrial precursor (EC 1.1.1.31) (HIBADH	Q99L13	3HIDH_MOUSE	3	1.62	5	1.15	4	1.08	5	0.89	58875
3-mercaptopyruvate sulfurtransferase (EC 2.8.1.2) (MST)	Q99J99	THTM_MOUSE							2	1.91	
40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclopl	Q9CR16	PPID_MOUSE	8	1.89	10	1.24	7	2.00	8	1.28	67738
40S ribosomal protein S15a	P62245	RS15A_MOUSE	3	1.12	6	1.12	2	1.10	6	1.43	267019
40S ribosomal protein S17	P63276	RS17_MOUSE	6	1.27	7	0.89	4	0.79	2	0.43	20068
40S ribosomal protein S2 (S4) (LLRep3 protein)	P25444	RS2_MOUSE	6	1.31	5	1.20	2	1.13	3	1.11	16898
40S ribosomal protein S26	P62855	RS26_MOUSE	9	3.07	9	2.11	6	1.09	12	1.69	27370
40S ribosomal protein S28	P62858	RS28_MOUSE	2	1.20	5	1.33	3	1.20	1	0.95	54127
40S ribosomal protein S29	P62274	RS29_MOUSE	5	1.97	5	1.67	4	0.97	5	1.13	20090
40S ribosomal protein S3	P62908	RS3_MOUSE	8	1.34	14	1.12	6	1.25	3	1.57	27050
40S ribosomal protein S4, X isoform	P62702	RS4X_MOUSE	37	1.23	47	1.37	13	1.33	20	1.09	20102
40S ribosomal protein S5	P97461	RS5_MOUSE	29	1.30	24	1.32	15	1.33	18	1.21	20103
40S ribosomal protein S6 (Phosphoprotein NP33)	P62754	RS6_MOUSE	15	1.60	17	1.23	8	1.24	7	1.29	20104
4631422O05Rik protein (Fragment)	Q6P6L0	Q6P6L0			1	0.24					
4921507I02Rik protein (Fragment)	Q8R234	Q8R234							1	13.76	
4921510J17Rik protein	Q80X60	Q80X60							1	0.23	
4930453N24Rik protein	Q8VE03	Q8VE03			1	0.57					
4930506M07Rik protein	Q8K2Q9	Q8K2Q9							1	2.64	
4931400A14Rik protein	Q6P5D8	Q6P5D8	1	0.73	1	1.18					
4933425F03Rik protein	Q8K299	Q8K299							1	0.19	
4-aminobutyrate aminotransferase, mitochondrial precursor (EC 2.6.1.19) ((S)-3-amin	P61922	GABT_MOUSE			1	1.81	1	0.11	2	0.93	268860
4-trimethylaminobutyraldehyde dehydrogenase (EC 1.2.1.47) (TMABADH) (Aldehyde	Q9JLJ2	AL9A1_MOUSE	6	1.42	4	0.76					
5'-3' exoribonuclease 2 (EC 3.1.11.-) (Dhm1 protein)	Q9DBR1	XRN2_MOUSE	1	1.04	1	0.65					24128
5330439J01Rik protein	Q6PGF4	Q6PGF4			1	1.08					
53BP1 protein	Q91YC9	Q91YC9			1	2.36	2	0.92	2	1.11	
5-oxoprolinase (EC 3.5.2.9) (5-oxo-L-prolinase) (Pyroglutamase) (5-OPase)	Q8K010	OPLA_MOUSE	2	3.86	1	1.00			2	1.38	75475
6030410K14Rik protein (Fragment)	Q68FE0	Q68FE0			1	1.06					
60S acidic ribosomal protein P0 (L10E)	P14869	RLA0_MOUSE	16	1.33	20	1.26	9	1.27	2	1.00	11837
60S acidic ribosomal protein P1	P47955	RLA1_MOUSE	2	1.16	5	1.15					56040
60S ribosomal protein L12	P35979	RL12_MOUSE	9	1.06	4	0.93	3	1.25	2	1.61	269261
60S ribosomal protein L13a (Transplantation antigen P198) (Tum-P198 antigen)	P19253	RL13A_MOUSE	10	1.53	12	3.08	1	1.64	1	0.01	22121
60S ribosomal protein L18a	P62717	RL18A_MOUSE	22	1.48	22	1.39	12	1.16	12	1.29	76808
60S ribosomal protein L23	P62830	RL23_MOUSE	18	4.09	16	3.09	14	1.47	19	89.77	65019
60S ribosomal protein L34	Q9D1R9	RL34_MOUSE	3	2.51	5	1.30	4	1.28	1	1.27	68436
60S ribosomal protein L36a (60S ribosomal protein L44)	P83882	RL36A_MOUSE	2	2.10	3	2.01	2	1.21			
60S ribosomal protein L4 (L1)	Q9D8E6	RL4_MOUSE	14	1.97	16	1.64	7	2.69	16	3.07	67891
60S ribosomal protein L5	P47962	RL5_MOUSE	35	1.33	30	1.32	19	1.29	18	1.17	19983
60S ribosomal protein L6 (TAX-responsive enhancer element binding protein 107) (TA	P47911	RL6_MOUSE							2	1.38	19988
60S ribosomal protein L7	P14148	RL7_MOUSE			8	1.08			4	1.33	19989
60S ribosomal protein L8	P62918	RL8_MOUSE	2	0.97	4	1.33	2	1.13	17	3.56	26961
60S ribosomal protein L9	P51410	RL9_MOUSE	7	1.19	9	1.16	3	1.24	4	1.29	20005
60S ribosome subunit biogenesis protein NIP7 homolog (PEachy) (KD93)	Q9CXK8	NIP7_MOUSE	2	1.91							66164
6430598A04Rik protein	Q6PFX7	Q6PFX7			1	0.90					
6720435I21Rik protein (Fragment)	Q5FWH0	Q5FWH0			1	0.05					
6-phosphofructokinase, type C (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexol	Q9WUA3	K6PP_MOUSE	5	2.01	4	1.35	1	1.91	3	1.35	56421
6-phosphogluconolactonase (EC 3.1.1.31) (6PGL)	Q9CQ60	6PGL_MOUSE	4	1.87			1	2.37	2	1.89	66171
72 kDa type IV collagenase precursor (EC 3.4.24.24) (72 kDa gelatinase) (Matrix met	P33434	MMP2_MOUSE			3	1.34					17390
7-dehydrocholesterol reductase (EC 1.3.1.21) (7-DHC reductase) (Sterol delta-7-redu	O88455	DHCR7_MOUSE	2	1.07	1	2.27	3	1.01	2	0.60	13360
7S nerve growth factor alpha chain precursor (Alpha-NGF)	P00757	KLK4_MOUSE					1	4.15			18048
8430438L13Rik protein (Fragment)	Q8K2N6	Q8K2N6			1	1.92					
A6 related protein (Twinfilin-like protein) (Mus musculus 12 days embryo spinal gangli	Q9Z0P5	Q9Z0P5	3	2.32	4	1.17					
AA517853 protein (CDNA clone MGC:36552)	Q8K2D3	Q8K2D3			1	2.59			3	1.62	
AarF domain containing kinase 4	Q91WT5	Q91WT5	1	1.41	1	1.29			1	1.89	
Acetyl-CoA acetyltransferase, cytosolic (EC 2.3.1.9) (Cytosolic acetoacetyl-CoA thiola	Q8CAY6	THIC_MOUSE	15	1.48	16	1.16	4	1.79	3	1.13	110460
Acetyl-CoA acetyltransferase, mitochondrial precursor (EC 2.3.1.9) (Acetoacetyl-CoA	Q8QZT1	THIL_MOUSE	5	1.19	4	1.10	1	0.36			110446

Acetyl-Coenzyme A acetyltransferase 3	Q80X81	Q80X81			2	0.62				
Acid ceramidase precursor (EC 3.5.1.23) (Acylsphingosine deacylase) (N-acylsphingo	Q9WV54	ASAH1_MOUSE	2	1.11	2	0.70	1	1.30		11886
Acidic 82 kDa protein mRNA	Q8R2M2	Q8R2M2	2	2.40	2	2.61			1	2.06
Acidic leucine-rich nuclear phosphoprotein 32 family member A (Potent heat-stable pr	O35381	AN32A_MOUSE	3	1.22	2	1.24				11737
Acidic leucine-rich nuclear phosphoprotein 32 family member E (LANP-like protein) (L	P97822	AN32E_MOUSE	8	1.53	9	1.18	2	0.74	3	1.53
Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Acon	Q99KI0	ACON_MOUSE	12	1.60	11	1.37	1	1.04	6	1.23
Actin-binding LIM protein 1 (Actin-binding LIM protein family member 1) (abLIM-1)	Q8K4G5	ABLM1_MOUSE	3	1.50	7	3.49			9	1.54
Actin-like protein 3 (Actin-related protein 3)	Q99JY9	ARP3_MOUSE	21	1.81	33	1.27	14	1.66	16	1.29
Actin-like protein 6A (53 kDa BRG1-associated factor A) (Actin-related protein Baf53a	Q9Z2N8	ACL6A_MOUSE			1	1.34				
Actin-like protein 6B (53 kDa BRG1-associated factor B) (Actin-related protein Baf53b	Q99MR0	ACL6B_MOUSE			1	3.07				
Actin-like protein 7A (Actin-like-7-alpha) (Actin-like 7A) (T-actin 2) (Testis-specific acti	Q9QY84	ACL7A_MOUSE	1	1.34						
Actin-related protein 10	Q9QZB7	ARP10_MOUSE	3	1.59	7	0.74	1	1.46	3	1.34
Actin-related protein 8	Q8R2S9	ARP8_MOUSE							2	1.61
Activating signal cointegrator 1 (ASC-1) (Thyroid receptor interacting protein 4) (Trip-4	Q9QXN3	TRIP4_MOUSE							2	2.98
Activating signal cointegrator 1 complex subunit 2 (ASC-1 complex subunit p100) (Trip	Q91WR3	ASCC2_MOUSE			1	1.37			1	0.04
Activator 1 38 kDa subunit (Replication factor C 38 kDa subunit) (A1 38 kDa subunit)	Q8R323	RFC3_MOUSE			2	1.53			5	1.94
Activator of 90 kDa heat shock protein ATPase homolog 1 (AHA1)	Q8BK64	AHSA1_MOUSE	1	1.45					2	1.04
Acyl coenzyme A thioester hydrolase 2, mitochondrial precursor (EC 3.1.2.-) (48 kDa	Q9R0X4	AC48_MOUSE	2	2.89	2	1.11			1	1.49
Acylamino-acid-releasing enzyme (EC 3.4.19.1) (AARE) (Acyl-peptide hydrolase) (AP	Q8R146	APEH_MOUSE	1	2.18	1	1.43	2	2.47	1	1.13
Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (EC 1.3.99.-) (AC	Q9D7B6	ACAD8_MOUSE	2	1.71	1	0.85				
Acyl-CoA dehydrogenase family member 9, mitochondrial precursor (EC 1.3.99.-) (AC	Q8JZN5	ACAD9_MOUSE	5	1.12	4	1.12				
Acyl-CoA dehydrogenase, long-chain specific, mitochondrial precursor (EC 1.3.99.13)	P51174	ACADL_MOUSE	6	1.05	5	0.97	2	0.96	2	0.90
Acyl-CoA dehydrogenase, medium-chain specific, mitochondrial precursor (EC 1.3.99	P45952	ACADM_MOUSE	1	2.49	2	2.07	2	16.58	2	25.27
Acyl-CoA dehydrogenase, short/branched chain specific, mitochondrial precursor (EC	Q9DBL1	ACDSB_MOUSE	2	0.50	2	1.40				
Acyl-CoA dehydrogenase, very-long-chain specific, mitochondrial precursor (EC 1.3.9	P50544	ACADV_MOUSE					1	1.13		
Acyl-protein thioesterase 1 (EC 3.1.2.-) (Lysophospholipase I) (LysoPLA I) (Lysophos	P97823	LYPA1_MOUSE	8	1.73	7	1.42	2	1.29	2	1.38
Acyl-protein thioesterase 2 (EC 3.1.2.-) (Lysophospholipase II) (Lysophospholipase 2)	Q9WTL7	LYPA2_MOUSE	1	1.28	2	0.97	1	3.66		
ADAM 10 precursor (EC 3.4.24.81) (A disintegrin and metalloproteinase domain 10) (I	O35598	ADA10_MOUSE	2	1.22	3	0.63			6	1.17
ADAM 17 precursor (EC 3.4.24.86) (A disintegrin and metalloproteinase domain 17) (T	Q9Z0F8	ADA17_MOUSE							2	1.30
ADAM 9 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 9) (Meta	Q61072	ADAM9_MOUSE			3	4.98	2	1.13	10	1.11
ADAMTS-1 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombo	P97857	ATS1_MOUSE			2	3.71			2	0.47
ADAMTS-2 precursor (EC 3.4.24.14) (A disintegrin and metalloproteinase with thromb	Q8C9W3	ATS2_MOUSE							1	0.58
ADAMTS-like protein 1 precursor (Punctin)	Q8BLI0	ATL1_MOUSE					1	1.01		
Adapter-related protein complex 1 beta 1 subunit (Beta-adaptin 1) (Adaptor protein co	O35643	AP1B1_MOUSE	3	1.28	4	1.09			1	0.27
Adapter-related protein complex 2 alpha 1 subunit (Alpha-adaptin A) (Adaptor protein	P17426	AP2A1_MOUSE	10	1.28	12	1.07	3	1.65	6	0.97
Adapter-related protein complex 2 beta 1 subunit (Beta-adaptin) (Plasma membrane a	Q9DBG3	AP2B1_MOUSE	2	1.89	2	0.76				
Adapter-related protein complex 3 beta 1 subunit (Beta3A-adaptin) (Adaptor protein c	Q9Z1T1	AP3B1_MOUSE	3	1.52	4	1.13				
Adapter-related protein complex 3 mu 1 subunit (Mu-adaptin 3A) (AP-3 adapter comp	Q9JKC8	AP3M1_MOUSE	1	2.63	2	2.44				
Adenomatous polyposis coli protein (APC protein) (mAPC)	Q61315	APC_MOUSE							1	0.53
Adenylate cyclase, type VII (EC 4.6.1.1) (ATP pyrophosphate-lyase 7) (Adenylyl cycla	P51829	ADCY7_MOUSE			1	0.00			1	0.00
Adenylyl cyclase-associated protein 2 (CAP 2)	Q9CYT6	CAP2_MOUSE	1	1.47	2	0.85	1	1.10		
Adipocyte-derived leucine aminopeptidase precursor (EC 3.4.11.-) (A-LAP) (ARTS-1)	Q9EQH2	ARTS1_MOUSE	7	1.33	5	1.18	1	1.11	2	1.25
ADP,ATP carrier protein 2 (ADP/ATP translocase 2) (Adenine nucleotide translocator	P51881	ADT2_MOUSE	3	0.97	4	1.15	2	0.84		
ADP-ribosylation factor 6	P62331	ARF6_MOUSE	1	1.27	2	0.91	5	1.03	2	1.03
ADP-ribosylation factor GTPase-activating protein 3 (ARF GAP 3)	Q9D8S3	ARFG3_MOUSE	2	2.16	1	1.00	2	1.74	2	1.80
ADP-ribosylation factor-like protein 3	Q9WUL7	ARL3_MOUSE	9	2.30	5	1.34	3	2.01	4	1.77
ADP-sugar pyrophosphatase (EC 3.6.1.13) (EC 3.6.1.-) (Nucleoside diphosphate-linke	Q9JKX6	NUDT5_MOUSE	3	1.05	3	1.79				
Adrenodoxin, mitochondrial precursor (Adrenal ferredoxin)	P46656	ADX_MOUSE					1	1.10		
Adsl protein (Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:	Q8VCD4	Q8VCD4							2	1.28
Afg3l2 protein	Q8JZQ2	Q8JZQ2	1	2.46						
Aflatoxin B1 aldehyde reductase member 2 (EC 1.-.-.-)	Q8CG76	ARK72_MOUSE	1	1.54	2	1.16				
AH receptor-interacting protein (AIP)	O08915	AIP_MOUSE	3	2.07	3	2.08				
Ahcyl1 protein (IP3R binding protein released with inositol 1,4,5-trisphosphate) (S-ade	Q80SW1	Q80SW1			1	0.10			1	2.10
AI448196 protein (Fragment)	Q8K2R3	Q8K2R3	1	2.13						
AI838661 protein	Q8VEJ1	Q8VEJ1							2	1.09
AI849286 protein (Fragment)	Q68G59	Q68G59	5	1.26	4	1.45	3	0.83		
Aim1l protein (Fragment)	Q811L3	Q811L3			1	0.83				
A-kinase anchor protein 4 precursor (Major fibrous sheath protein) (FSC1) (AKAP82)	Q60662	AKAP4_MOUSE	1	1.60						
A-kinase anchor protein 9	Q70FJ1	Q70FJ1	1	0.92	1	0.92	2	1.08	1	0.64
AL024069 protein	Q68EE9	Q68EE9							1	1.30
Aladin (Adracalin)	P58742	AAAS_MOUSE	2	1.32	2	9.81			2	1.77

Alanyl-tRNA synthetase (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS)	Q8BGQ7	SYA_MOUSE	5	3.18	13	1.41	9	1.51	6	1.66	234734
Alcohol dehydrogenase Pan1b (Dehydrogenase/reductase (SDR family) member 8) (I	Q9EQ06	Q9EQ06	13	2.29	11	1.43	4	0.97	5	1.02	
Aldehyde dehydrogenase 1 family, member L2	Q8K009	Q8K009	6	1.85	9	2.22	2	1.08	2	0.86	
Aldehyde dehydrogenase family 3, subfamily A2	Q5SRE0	Q5SRE0	1	3.43	1	1.28	1	1.19			
Aldehyde dehydrogenase family 7 member A1 (EC 1.2.1.3) (Antiquitin 1)	Q9DBF1	AL7A1_MOUSE	6	1.29	4	0.88	1	1.93	1	1.61	110695
Aldehyde dehydrogenase, dimeric NADP-preferring (EC 1.2.1.5) (ALDH class 3) (Dio	P47739	AL3A1_MOUSE					2	2.06			11670
Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (AHD	P47738	ALDH2_MOUSE	5	1.32	4	0.91	5	1.00	2	0.85	11669
Aldehyde oxidase structural homolog 2	Q9ES55	Q9ES55			1	3.60					
Aldo-keto reductase family 1 member E1 (EC 1.1.1.-)	Q9DCT1	AK1E1_MOUSE			1	1.50					56043
Aldose reductase (EC 1.1.1.21) (AR) (Aldehyde reductase)	P45376	ALDR_MOUSE	3	3.00	5	2.10	2	1.82	4	2.26	11677
Aldose reductase-related protein 2 (EC 1.1.1.21) (AR) (Aldehyde reductase) (Fibrobla	P45377	ALD2_MOUSE	1	2.36			1	2.44	2	1.84	14187
Alg1 protein	Q921Q3	Q921Q3			2	1.41					
Almstrom syndrome 1 protein	Q8K4E0	Q8K4E0	1	5.83							
Alpha 1,3-fucosyltransferase (Fragment)	Q920V9	Q920V9	1	0.33							
Alpha adducin (Erythrocyte adducin alpha subunit)	Q9QYC0	ADDA_MOUSE	1	1.62					2	0.84	11518
Alpha-1 catenin (102 kDa cadherin-associated protein) (CAP102) (Alpha E-catenin)	P26231	CTN1_MOUSE	27	1.41	25	1.61	10	1.23	11	1.03	12385
Alpha-1,3-mannosyltransferase ALG2 (EC 2.4.1.-) (GDP-Man:Man(1)GlcNAc(2)-PP-d	Q9DBE8	ALG2_MOUSE	3	1.40	5	1.72	2	0.57	4	0.79	56737
Alpha-1-syntrophin (59 kDa dystrophin-associated protein A1, acidic component 1) (S	Q61234	SNTA1_MOUSE	1	0.60							20648
Alpha-2-macroglobulin	Q6GQT1	Q6GQT1	4	7.35	1	15.70			1	0.65	
Alpha-actinin 1 (Alpha-actinin cytoskeletal isoform) (Non-muscle alpha-actinin 1) (F-a	Q7TPR4	ACTN1_MOUSE	31	1.41	26	1.37	18	1.36	12	1.02	
Alpha-actinin 4 (Non-muscle alpha-actinin 4) (F-actin cross linking protein)	P57780	ACTN4_MOUSE	8	1.35	10	1.43	7	1.92	6	1.44	60595
Alpha-aminoadipic semialdehyde synthase, mitochondrial precursor (LKR/SDH) [Inclu	Q99K67	AASS_MOUSE							1	5.73	30956
Alpha-fetoprotein enhancer binding protein (AT motif-binding factor) (AT-binding trans	Q61329	ATBF1_MOUSE	1	3.80							11906
Alpha-mannosidase 2C1 (EC 3.2.1.24) (Alpha-D-mannoside mannohydrolase) (Mann	Q91W89	MA2C1_MOUSE	2	1.35	1	0.93					73744
Alpha-mannosidase II (EC 3.2.1.114) (Mannosyl-oligosaccharide 1,3-1,6-alpha-mann	P27046	MA2A1_MOUSE	7	1.26	5	1.37	1	0.83	1	1.81	17158
Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1 (EC 2.4.99.3) (GalNAc a	Q9QZ39	SIA7A_MOUSE			1	4.60					20445
Alpha-soluble NSF attachment protein (SNAP-alpha) (N-ethylmaleimide-sensitive fact	Q9DB05	SNAA_MOUSE	3	2.12	4	1.95	3	1.33	2	1.11	108124
Aminopeptidase N (EC 3.4.11.2) (mAPN) (Alanyl aminopeptidase) (Microsomal aminc	P97449	AMPN_MOUSE					1	0.98			16790
AMP-activated protein kinase, alpha 1 catalytic subunit (EC 2.7.1.-)	Q5EG47	Q5EG47	7	2.09	5	1.19	1	1.63	3	1.00	
Amyloid beta (A4) protein-binding, family B, member 1 interacting protein	Q8R5A3	Q8R5A3	1	1.80							
Amyloid beta A4 precursor protein-binding family B member 2	Q9DBR4	APBB2_MOUSE	1	2.75	2	1.25					11787
Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimer's disease amyloid protei	P12023	A4_MOUSE	6	1.18	10	1.23	4	0.83	14	0.81	11820
Amyloid protein-binding protein 1 (Amyloid beta precursor protein-binding protein 1, 5	Q8VBW6	APBP1_MOUSE	3	1.20	2	1.42	2	1.10			234664
AN2/NG2 proteoglycan	Q8VHY0	Q8VHY0	2	1.32	1	0.88					
Anamorsin (Cytokine induced apoptosis inhibitor 1)	Q8WTY4	CPIN1_MOUSE	3	1.60	2	0.93	1	3.91	6	2.07	
Anaphase promoting complex subunit 1 (APC1) (Cyclosome subunit 1) (Protein Tsg2	P53995	ANC1_MOUSE	3	1.55	3	0.98			3	1.06	17222
Anaphase promoting complex subunit 11 (APC11) (Cyclosome subunit 11)	Q9CPX9	APC11_MOUSE							1	3.25	66156
Anaphase promoting complex subunit 4 (APC4) (Cyclosome subunit 4)	Q91W96	ANC4_MOUSE	8	1.30	8	1.29	3	0.99	4	2.42	52206
Anaphase promoting complex subunit 5 (APC5) (Cyclosome subunit 5)	Q8BTZ4	ANC5_MOUSE	6	1.64	3	1.26			2	2.27	59008
Anaphase promoting complex subunit 7 (APC7) (Cyclosome subunit 7) (Prediabetic N	Q9WVM3	APC7_MOUSE							1	2.79	56317
Androgen-induced prostate proliferative shutoff associated protein AS3	Q7TSS4	Q7TSS4	4	8.38	8	1.21	2	0.80	2	1.09	
Angio-associated migratory protein	Q8K2C1	Q8K2C1	2	2.63	3	1.57	3	1.73	1	1.74	
Ankyrin 3 (Ankyrin G) (Epithelial ankyrin) (Ankyrin-3)	Q61307	Q61307			2	1.89					
Ankyrin repeat and FYVE domain protein 1 (Ankyrin repeats hooked to a zinc finger m	Q810B6	ANFY1_MOUSE	10	1.56	10	0.99	4	1.51	5	1.52	11736
Ankyrin repeat and IBR domain containing protein 1 (Fragment)	Q6ZPS6	AKIB1_MOUSE					1	5.23	2	1.25	70797
Ankyrin repeat and MYND domain containing 2	Q921J1	Q921J1			1	0.28					
Ankyrin repeat and SOCS box protein 6 (ASB-6)	Q91ZU1	ASB6_MOUSE							1	7.60	72323
Ankyrin repeat domain 15	Q6AXG6	Q6AXG6	1	2.30	1	1.79	1	1.50			
Anln protein	Q8K298	Q8K298							2	1.38	
Annexin A1 (Annexin I) (Lipocortin I) (Calpactin II) (Chromobindin 9) (P35) (Phospholi	P10107	ANXA1_MOUSE	26	2.02	28	1.97	6	1.70	13	1.74	16952
Annexin A11 (Annexin XI) (Calcyclin-associated annexin 50) (CAP-50)	P97384	ANX11_MOUSE	1	1.65	1	2.15	2	0.89	2	1.95	11744
Annexin A7 (Annexin VII) (Synexin)	Q07076	ANXA7_MOUSE	7	1.12	4	1.31	1	1.26	2	1.11	11750
Annexin A8 (Annexin VIII)	O35640	ANXA8_MOUSE							1	0.05	11752
Anthrax toxin receptor 1 precursor (Tumor endothelial marker 8)	Q9CZ52	ANTR1_MOUSE	4	1.09	2	1.22					69538
Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding casset	P21958	TAP1_MOUSE	1	1.91			1	0.28			21354
Antileukoproteinase 1 precursor (ALP) (Secretory leukocyte protease inhibitor)	P97430	ALK1_MOUSE							1	0.00	20568
ApoA-I binding protein (Apolipoprotein A-I binding protein)	Q8K4Z3	Q8K4Z3	18	1.42	12	1.45	7	1.18	15	1.23	
Apoptosis inhibitor 5 (API-5) (AAC-11)	O35841	API5_MOUSE							2	0.81	
Apoptosis regulator BAX, membrane isoform alpha	Q07813	BAXA_MOUSE	1	1.84							12028
Apoptotic chromatin condensation inducer in the nucleus (Acinus)	Q9JIX8	ACINU_MOUSE			1	1.72					56215
Apoptotic protease activating factor 1 (Apaf-1)	O88879	APAF_MOUSE			2	2.12	1	1.51	2	1.25	11783

A-Raf proto-oncogene serine/threonine-protein kinase (EC 2.7.1.37)	P04627	ARAF_MOUSE							1	2.14	11836
ARF-related protein 1	Q8BXL7	ARFRP_MOUSE	2	1.96	1	1.74	2	1.49	3	0.69	76688
Arginine/serine-rich splicing factor 10 (Transformer-2-beta) (HTRA2-beta) (Transforme	P62996	TRA2B_MOUSE			2	4.52					20462
Argininosuccinate lyase (EC 4.3.2.1) (Arginosuccinase) (ASAL)	Q91YI0	ARLY_MOUSE	2	1.70	1	1.91					109900
Argininosuccinate synthase (EC 6.3.4.5) (Citrulline--aspartate ligase)	P16460	ASSY_MOUSE	3	1.05	2	0.88					11898
Arginyl-tRNA synthetase (EC 6.1.1.19) (Arginine--tRNA ligase) (ArgRS)	Q9D0I9	SYR_MOUSE	31	1.83	31	1.08	21	1.49	15	1.41	104458
Arginyl-tRNA synthetase-like	Q8QZU7	Q8QZU7	1	1.65							
Arhgap21 protein	Q6DFV3	Q6DFV3	1	2.77	5	2.71	1	0.84	1	0.83	
Ariadne-1 protein homolog (ARI-1) (Ubiquitin-conjugating enzyme E2-binding protein	Q9Z1K5	ARI1_MOUSE	2	1.80	7	1.59	2	1.66	4	1.51	23806
ARL-6 interacting protein-1 (Aip-1) (TBX2 protein)	Q9JKW0	AR6P1_MOUSE	6	1.08	6	0.90	1	0.93	7	0.62	54208
Arp2/3 complex subunit p21-Arc (Actin related protein 2/3 complex, subunit 3) (Mus m	Q9JM76	Q9JM76					1	1.55	2	1.32	
Arsenical pump-driving ATPase (EC 3.6.3.16) (Arsenite-translocating ATPase) (Arsen	O54984	ARSA1_MOUSE	3	5.53	4	1.50	1	1.11	2	2.02	56495
Arsenite-resistance protein 2	Q99MR6	ARS2_MOUSE	6	1.12	6	1.61	3	1.20	5	0.83	83701
Aryl hydrocarbon receptor nuclear translocator (ARNT protein) (Dioxin receptor, nucle	P53762	ARNT_MOUSE							1	1.86	11863
Arylsulfatase A precursor (EC 3.1.6.8) (ASA) (Cerebroside-sulfatase)	P50428	ARSA_MOUSE	2	1.28	4	0.80	2	1.21	2	0.96	11883
Arylsulfatase B precursor (EC 3.1.6.12) (ASB) (N-acetylgalactosamine-4-sulfatase) (G	P50429	ARSB_MOUSE			1	1.05	1	2.11			11881
ASH2-like protein	Q91X20	ASH2L_MOUSE	2	67.63	2	1.25			2	0.67	23808
Asparaginyl-tRNA synthetase, cytoplasmic (EC 6.1.1.22) (Asparagine--tRNA ligase) (A	Q8BP47	SYNC_MOUSE	9	1.77	8	0.97	1	3.41			70223
Aspartate aminotransferase, cytoplasmic (EC 2.6.1.1) (Transaminase A) (Glutamate c	P05201	AATC_MOUSE	1	0.98			1	0.64			14718
Aspartate aminotransferase, mitochondrial precursor (EC 2.6.1.1) (Transaminase A) (	P05202	AATM_MOUSE	15	1.39	14	1.58	5	1.34	14	2.16	14719
Astrocytic phosphoprotein PEA-15	Q62048	PEA15_MOUSE	2	1.53	1	1.02					18611
Ataxin-10 (Spinocerebellar ataxia type 10 protein homolog) (Brain protein E46)	P28658	ATX10_MOUSE	13	1.77	12	1.46	6	1.91	7	1.15	54138
Atlastin (GTP-binding protein 3) (Guanine nucleotide-binding protein 3)	Q8BH66	SPG3A_MOUSE	1	0.24							73991
ATP synthase alpha chain, mitochondrial precursor (EC 3.6.3.14)	Q03265	ATPA_MOUSE	3	0.81	1	1.16	5	0.81	7	0.66	11946
ATP synthase B chain, mitochondrial precursor (EC 3.6.3.14)	Q9CQQ7	AT5F1_MOUSE	3	1.14	2	1.68	2	0.83	1	0.61	11950
ATP synthase coupling factor B, mitochondrial precursor	Q9CRA7	ATP5S_MOUSE							2	0.66	68055
ATP synthase D chain, mitochondrial (EC 3.6.3.14)	Q9DCX2	ATP5H_MOUSE	4	2.05	3	1.81	2	0.87	2	0.93	71679
ATP synthase mitochondrial F1 complex assembly factor 1	Q811I0	Q811I0			1	0.67					
ATP synthase oligomycin sensitivity conferral protein, mitochondrial precursor (EC 3.6	Q9DB20	ATPO_MOUSE	3	1.27	3	1.55					28080
ATPase class I type 8B member 1	Q6R964	Q6R964	1	0.21							
ATP-binding cassette sub-family E member 1 (RNase L inhibitor) (Ribonuclease 4 inh	P61222	ABCE1_MOUSE	18	1.72	10	1.08	2	1.20	6	1.58	24015
ATP-binding cassette transporter sub-family A member 6	Q8K441	Q8K441			1	0.77					
ATP-binding cassette, sub-family B, member 10, mitochondrial precursor (ATP-bindin	Q9JI39	ABCBA_MOUSE			2	1.27					56199
ATP-binding cassette, sub-family D, member 1 (Adrenoleukodystrophy protein) (ALDP	P48410	ABCD1_MOUSE	3	0.70							11666
ATP-binding cassette, sub-family D, member 3	Q91VT3	Q91VT3			2	4.96	1	6.00	1	0.35	
ATP-binding cassette, sub-family F, member 1	Q6P542	ABCF1_MOUSE	1	1.49	2	1.52					224742
ATP-citrate synthase (EC 2.3.3.8) (ATP-citrate (pro-S-)-lyase) (Citrate cleavage enzyr	Q91V92	ACLY_MOUSE	11	1.47	16	1.17	6	1.52	4	1.19	104112
ATP-dependent DNA helicase II, 80 kDa subunit (Ku autoantigen protein p86 homolo	P27641	KU86_MOUSE	2	2.15	2	2.67	2	1.59	3	1.36	22596
ATP-dependent helicase DDX39 (DEAD-box protein 39)	Q8VDW0	DDX39_MOUSE	3	1.20	3	0.99	1	1.65	3	1.02	
ATP-dependent RNA helicase A (Nuclear DNA helicase II) (NDH II) (DEAH-box protei	O70133	DHX9_MOUSE	7	1.36	14	2.92	6	1.07	13	1.05	13211
ATP-dependent RNA helicase DDX18 (EC 3.6.1.-) (DEAD-box protein 18)	Q8K363	DDX18_MOUSE			3	1.08					66942
ATP-dependent RNA helicase DDX19 (DEAD-box protein 19) (DEAD-box RNA helica	Q61655	DDX19_MOUSE			1	1.43	2	1.48	3	1.85	13680
Atrial natriuretic peptide clearance receptor precursor (ANP-C) (ANPRC) (NPR-C) (At	P70180	ANPRC_MOUSE	2	4.87							18162
Attractin precursor (Mahogany protein)	Q9WU60	ATRN_MOUSE			1	15.48					11990
AU024582 protein (Fragment)	Q811L5	Q811L5	2	1.13	4	1.63	1	1.89	2	0.81	
Autoimmune regulator (Autoimmune polyendocrinopathy candidiasis ectodermal dystr	Q9Z0E3	AIRE_MOUSE							1	0.34	11634
Autophagy protein 3-like (APG3-like)	Q9CPX6	APG3L_MOUSE			1	2.94			2	2.99	
Autophagy protein 7-like (APG7-like) (Ubiquitin activating enzyme E1-like protein) (m/	Q9D906	APG7L_MOUSE			1	1.94	3	1.89	2	1.40	
AW538212 protein	Q8R217	Q8R217	2	2.25	1	2.78	2	1.15	3	1.06	
AZ2 protein (5-azacytidine induced gene 2) (Mus musculus adult male liver cDNA, RI	Q9QYP6	Q9QYP6	1	2.02							
B aggressive lymphoma protein homolog	Q8CAS9	BAL_MOUSE	2	0.59	3	1.41	1	2.14	2	1.17	80285
Baculoviral IAP repeat-containing protein 4 (Inhibitor of apoptosis protein 3) (X-linked	Q60989	BIRC4_MOUSE	1	7.20							11798
Basement membrane-specific heparan sulfate proteoglycan core protein precursor (H	Q05793	PGBM_MOUSE	8	0.92	13	2.79	3	1.65	20	1.46	15530
BC019977 protein	Q8CIL3	Q8CIL3	1	6.22					1	1.83	
BC020002 protein	Q8VE19	Q8VE19							1	6.52	
BC022651 protein	Q8R218	Q8R218					1	0.06			
BC026590 protein (Fragment)	Q80ZQ9	Q80ZQ9	6	1.07	6	2.32	3	1.82			
BC030335 protein (Mus musculus 10 days neonate skin cDNA, RIKEN full-length enri	Q8K0V2	Q8K0V2	1	0.10							
BC034204 protein	Q80W30	Q80W30	2	1.63	1	1.39	1	1.22	1	0.82	
BC048355 protein	Q80VJ3	Q80VJ3	3	1.74	2	1.14	1	1.21	4	1.63	
BC048390 protein	Q80W40	Q80W40			1	1.06					

BC051244 protein	Q80W22	Q80W22			1	1.51			1	1.39	
BC057593 protein	Q6PFE9	Q6PFE9			1	4.16					
Bcl2-associated athanogene 2 (Mus musculus 9 days embryo whole body cDNA, RIK	Q91YN9	Q91YN9	2	2.83	2	1.34	1	2.41			
Bcl-2-like 13 protein (Mil1 protein) (Bcl-rambo)	P59017	B2L13_MOUSE							1	1.05	94044
Bcr protein (Fragment)	Q6PAJ1	Q6PAJ1	1	1.23							
Beta defensin 39 precursor	Q70KL3	Q70KL3					1	4.66	1	12.89	
Beta enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enc	P21550	ENOB_MOUSE			1	10.08			1	1.39	13808
Beta-1,3-N-acetylglucosaminyltransferase radical fringe (EC 2.4.1.222) (O-fucosylpep	O09009	RFNG_MOUSE	1	0.93							19719
Beta-2-syntrophin (59 kDa dystrophin-associated protein A1, basic component 2) (Syr	Q61235	SNTB2_MOUSE	6	2.64	6	1.32	2	1.67	1	9.76	20650
Beta-catenin	Q02248	CTNB1_MOUSE	5	1.31	6	1.12	2	0.83	1	0.85	12387
Beta-catenin-like protein 1 (Nuclear associated protein) (NAP)	Q9CWL8	CTBL1_MOUSE			1	0.64					66642
Beta-centractin (Actin-related protein 1B) (ARP1B)	Q8R5C5	ACTY_MOUSE	1	1.15							226977
Beta-hexosaminidase alpha chain precursor (EC 3.2.1.52) (N-acetyl-beta-glucosamini	P29416	HEXA_MOUSE	2	0.51							15211
BHLH factor Math6 (Atoh8 protein) (BHLH transcription factor)	Q99NA2	Q99NA2							1	1.55	
Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthethase 1 (PAPS synthetha	Q60967	PAPS1_MOUSE	3	0.94	1	1.59	2	2.12	3	3.25	23971
Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1	Q8CGC7	SYEP_MOUSE	35	1.67	44	1.13	27	1.34	28	1.45	107508
Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial	P18155	MTDC_MOUSE	3	0.75	2	1.55					17768
Bifunctional polynucleotide phosphatase/kinase (Polynucleotide kinase-3'-phosphatas	Q9JLV6	PNKP_MOUSE	1	2.90			2	0.46	3	1.90	59047
Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidaz	Q9CWJ9	PUR9_MOUSE	18	1.71	16	1.21	11	2.51	9	1.48	108147
Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase (U	Q91WG8	GLCNE_MOUSE	3	5.34	4	1.91	4	1.65	6	1.06	50798
Biglycan precursor (Bone/cartilage proteoglycan I) (PG-S1)	P28653	PGS1_MOUSE	12	1.53	5	1.43	3	1.82	3	1.00	12111
Biliverdin reductase A precursor (EC 1.3.1.24) (Biliverdin-IX alpha-reductase) (BVR A	Q9CY64	BIEA_MOUSE	1	1.53							109778
Biotinidase precursor (EC 3.5.1.12)	Q8CIF4	BTD_MOUSE	2	1.60			2	1.26			26363
BMP-2 inducible protein kinase (EC 2.7.1.37) (BIKe)	Q91Z96	BMP2K_MOUSE	2	2.12	1	1.36	1	2.06	1	1.98	140780
Bone morphogenetic protein receptor type IA precursor (EC 2.7.1.37) (Serine/threonir	P36895	BMR1A_MOUSE			1	3.33			2	0.73	12166
Brain protein 44	Q9D023	BR44_MOUSE	3	1.68	1	1.54	2	0.94	2	0.94	70456
Brain stress early protein	Q8R4D3	Q8R4D3							1	0.48	
Brain-specific angiogenesis inhibitor 1	Q8CGM0	Q8CGM0			1	0.02					
Branched chain ketoacid dehydrogenase E1, beta polypeptide	Q6P3A8	Q6P3A8	3	1.59	1	2.47					
Branched-chain-amino-acid aminotransferase, mitochondrial precursor (EC 2.6.1.42)	O35855	BCAT2_MOUSE	7	2.45	4	1.48	3	0.92	6	0.85	12036
BRCA1-associated protein (EC 6.3.2.-) (BRAP2) (Impedes mitogenic signal propagati	Q99MP8	BRAP_MOUSE	2	2.92	1	3.75	1	0.65			72399
Brix domain containing protein 1	Q9JJ80	BXDC1_MOUSE	1	3.56	1	3.90					67239
Bromodomain adjacent to zinc finger domain protein 1B (Williams-Beuren syndrome c	Q9Z277	BAZ1B_MOUSE			1	0.93					22385
Bromodomain-containing female sterile homeotic-like protein	Q91Y44	Q91Y44			1	1.49					
Bullous pemphigoid antigen 1, isoforms 1/2/3/4 (BPA) (Hemidesmosomal plaque prot	Q91ZU6	BPA1_MOUSE	1	0.91	3	1.36					13518
Butyrate response factor 1 (TIS11B protein)	P23950	TISB_MOUSE	2	2.13	7	18.40	1	11.85	1	7.60	12192
Butyrate response factor 2 (TIS11D protein)	P23949	TISD_MOUSE	2	1.77	3	6.51	2	1.67	2	2.65	12193
BWF1	Q6VNB8	Q6VNB8	1	0.85	2	1.78			1	1.39	
Bystin	O54825	BYST_MOUSE							1	0.64	53414
C230075L19Rik protein	Q80ZJ6	Q80ZJ6	1	1.30					1	1.47	
C-4 methylsterol oxidase (EC 1.14.13.72) (Methylsterol monooxygenase)	Q9CRA4	ERG25_MOUSE			2	3.07					66234
C6.1A protein	P46737	C61A_MOUSE	2	0.86	2	1.35	2	1.02	1	2.03	210766
C77604 protein	Q6PGH1	Q6PGH1			2	3.80	1	1.56	4	1.88	
C77668 protein	Q99LK7	Q99LK7	1	1.29							
CAAX prenyl protease 2 (EC 3.4.22.-) (Prenyl protein-specific endoprotease 2) (Farne	P57791	FAC2_MOUSE							1	1.43	19671
Cad protein (Fragment)	Q6P9L1	Q6P9L1	4	1.80	5	1.07			2	1.25	
Cad protein (Fragment)	Q7TN13	Q7TN13	3	2.69	5	2.93	5	1.56	9	1.22	
Cadherin EGF LAG seven-pass G-type receptor 2 precursor (Flamingo 1) (mFmi1)	Q9R0M0	CELR2_MOUSE	1	0.02							53883
Cadherin-11 precursor (Osteoblast-cadherin) (OB-cadherin) (OSF-4)	P55288	CAD11_MOUSE	2	1.78	2	1.11					12552
Calcium/calmodulin-dependent protein kinase type 1D (EC 2.7.1.123) (CaM kinase ID	Q8BW96	KCC1D_MOUSE							1	98.25	227541
Calcium-binding mitochondrial carrier protein Aralar1 (Mitochondrial aspartate glutam	Q8BH59	CMC1_MOUSE	4	1.47	10	1.33	2	1.31	2	1.00	78830
Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutam	Q9QXX4	CMC2_MOUSE	2	1.54	5	1.65	2	0.72	2	1.06	50799
Calcium-transporting ATPase type 2C, member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-d	Q80XR2	AT2C1_MOUSE			2	1.73			2	0.74	235574
Calcyclin-binding protein (CacyBP) (Siah-interacting protein)	Q9CXW3	CYBP_MOUSE	3	1.56	5	1.84					12301
Caldesmon 1	Q8VCQ8	Q8VCQ8	4	1.74	4	1.30	2	1.91	1	1.17	
Calgizzarin (S100 calcium-binding protein A11) (Endothelial monocyte-activating poly	P50543	S10AB_MOUSE	75	2.56	95	2.55	59	1.54	23	1.47	20195
Calmodulin binding transcription activator 2	Q80Y50	Q80Y50	1	1.14					1	59.69	
Calnexin precursor	P35564	CALX_MOUSE	6	1.70	13	1.58	5	1.49	11	1.05	12330
Calpain 1, large [catalytic] subunit (EC 3.4.22.52) (Calcium-activated neutral proteinas	O35350	CAN1_MOUSE	8	1.25	8	0.99	3	1.15	5	1.22	12333
Calpain 2, large [catalytic] subunit precursor (EC 3.4.22.53) (Calcium-activated neutra	O08529	CAN2_MOUSE	18	1.73	21	1.24	8	1.89	8	1.20	12334
Calpain 6	O35646	CAN6_MOUSE	3	1.98							12338

Calpain small subunit 1 (CSS1) (Calcium-dependent protease small subunit 1) (Calciu	O88456	CPNS1_MOUSE	2	1.49	2	2.30	1	1.60			12336
Calponin-2 (Calponin H2, smooth muscle) (Neutral calponin)	Q08093	CLP2_MOUSE	33	1.25	23	1.18	19	1.37	4	1.41	12798
Calponin-3 (Calponin, acidic isoform)	Q9DAW9	CLP3_MOUSE	9	1.11	5	1.25	4	1.42	2	0.93	71994
Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60)	P14211	CRTC_MOUSE	26	1.28	27	75.42	13	1.25	21	0.83	12317
cAMP-dependent 3',5'-cyclic phosphodiesterase 4A (EC 3.1.4.17)	O89084	PDE4A_MOUSE			1	5.44					18577
cAMP-dependent protein kinase type I-alpha regulatory subunit	Q9DBC7	KAP0_MOUSE	2	1.35	1	0.60					19084
Capg protein	Q99LB4	Q99LB4	1	21.20							
Carbohydrate sulfotransferase 12 (EC 2.8.2.5) (Chondroitin 4-O-sulfotransferase 2) (C	Q99LL3	CHSTC_MOUSE	4	1.90	4	1.18	3	1.17	2	0.76	
Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D	Q80V53	CHSTE_MOUSE					1	1.19	1	0.83	
Carbonic anhydrase XIII (EC 4.2.1.1) (Carbonate dehydratase XIII) (CA-XIII)	Q9D6N1	CAH13_MOUSE	1	1.41							71934
Carbonyl reductase 3 (Mus musculus adult male tongue cDNA, RIKEN full-length enri	Q8K354	Q8K354	3	2.58	1	1.33					
Carboxypeptidase D precursor (EC 3.4.17.22) (Metallocarboxypeptidase D) (gp180)	O89001	CBPD_MOUSE	6	1.85	4	1.45					12874
Cardiac Ca2+ release channel	Q9ERN6	Q9ERN6	1	92.18	1	189.85			1	7.19	
Carnitine deficiency-associated protein expressed in ventricle 1 (CDV-1 protein)	O35594	CDV1_MOUSE			2	1.17					12589
Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acet	P47934	CACP_MOUSE	2	1.25							12908
Carnitine O-palmitoyltransferase I, mitochondrial brain isoform (EC 2.3.1.21) (Carnitin	Q8BGD5	CPT1C_MOUSE	1	1.17							
Carnitine O-palmitoyltransferase I, mitochondrial liver isoform (EC 2.3.1.21) (CPT I) (C	P97742	CPT1A_MOUSE	3	1.25	3	1.24	1	0.93	2	0.81	12894
Carnitine O-palmitoyltransferase II, mitochondrial precursor (EC 2.3.1.21) (CPT II)	P52825	CPT2_MOUSE	1	1.13	1	1.09	1	0.45	1	0.85	12896
Cartilage-associated protein precursor	Q9CYD3	CASP_MOUSE	9	1.10	6	1.19	4	0.58	4	0.43	56693
Casein kinase I, alpha isoform (EC 2.7.1.-) (CKI-alpha) (CK1)	Q8BK63	KC1A_MOUSE			1	0.84					93687
Casein kinase I, delta isoform (EC 2.7.1.-) (CKI-delta) (CKId)	Q9DC28	KC1D_MOUSE			1	2.62	1	1.15			104318
Casein kinase II beta subunit (CK II beta) (Phosvitin)	P67871	CSK2B_MOUSE	3	1.51	4	1.02	1	2.95	2	0.85	13001
Caspase-3 precursor (EC 3.4.22.-) (CASP-3) (Apopain) (Cysteine protease CPP32) (Y	P70677	CASP3_MOUSE	7	1.48	1	1.44	2	1.98			12367
Caspase-4 precursor (EC 3.4.22.-) (CASP-4) (Caspase-11) (ICH-3 protease)	P70343	CASP4_MOUSE			1	13.11	1	14.22			12363
Caspase-6 precursor (EC 3.4.22.-) (CASP-6) (Apoptotic protease Mch-2)	O08738	CASP6_MOUSE	1	1.37	1	1.01	1	0.44			12368
Caspase-7 precursor (EC 3.4.22.-) (CASP-7) (LICE2 cysteine protease) (Apoptotic pr	P97864	CASP7_MOUSE	5	2.39	7	1.58	2	1.37	2	1.54	12369
Caspase-8 precursor (EC 3.4.22.-) (CASP-8)	O89110	CASP8_MOUSE	3	2.53	2	0.98	3	2.21	1	0.10	12370
Catechol O-methyltransferase (EC 2.1.1.6)	O88587	COMT_MOUSE	1	1.48	2	1.27					12846
Cathepsin B precursor (EC 3.4.22.1) (Cathepsin B1)	P10605	CATB_MOUSE	22	1.55	32	1.69	12	1.26	15	1.04	13030
Cathepsin H precursor (EC 3.4.22.16) (Cathepsin B3) (Cathepsin BA)	P49935	CATH_MOUSE			1	1.82			1	1.11	13036
Cathepsin L precursor (EC 3.4.22.15) (Major excreted protein) (MEP) (p39 cysteine p	P06797	CATL_MOUSE							1	2.94	13039
Cation-dependent mannose-6-phosphate receptor precursor (CD Man-6-P receptor) (	P24668	MPRD_MOUSE	6	1.34	7	1.14	2	2.54	2	1.53	17113
Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor)	Q07113	MPRI_MOUSE	28	1.54	39	1.40	12	0.98	26	1.51	16004
Caveolin-1	P49817	CAV1_MOUSE			2	3.77	2	0.67	3	0.56	12389
Caveolin-2	Q9WVC3	CAV2_MOUSE	2	1.41	5	2.16			3	0.74	12390
CBL E3 ubiquitin protein ligase (EC 6.3.2.-) (Signal transduction protein CBL) (Proto-c	P22682	CBL_MOUSE							2	2.31	12402
C-C chemokine receptor type 10 (C-C CKR-10) (CC-CKR-10) (CCR-10) (Chemokine	Q9JL21	CCR10_MOUSE					1	0.07			12777
CCR4-NOT transcription complex, subunit 10 (Mus musculus 10 days neonate skin cI	Q8BH15	Q8BH15	2	1.14	2	1.47	1	1.97	1	0.60	
CD2-associated protein (Mesenchym-to-epithelium transition protein with SH3 domair	Q9JLQ0	CD2AP_MOUSE	6	1.35	3	0.74					12488
Cd81 protein (Tapa-1 protein)	Q91V78	Q91V78	2	1.38	5	1.72	1	1.42	7	0.84	
CD9 antigen	P40240	CD9_MOUSE	2	2.62	4	4.99			8	0.92	12527
Cdc27 protein	Q8R568	Q8R568							1	2.97	
Cdc42 protein	Q6P201	Q6P201	3	1.28	3	1.24	2	1.27	2	0.91	
CDC42-binding protein kinase beta	Q7TT50	Q7TT50	2	1.44	2	1.12					
CDK5 regulatory subunit associated protein 3 (CDK5 activator-binding protein C53)	Q99LM2	CK5P3_MOUSE	1	0.47	1	1.20					80280
CDK-activating kinase assembly factor MAT1 (RING finger protein MAT1) (Menage a	P51949	MAT1_MOUSE							1	1.33	17420
CDNA sequence BC003331	Q99J66	Q99J66	3	0.72	1	2.69					
CDNA sequence BC008155	Q91VW0	Q91VW0	1	1.62	2	1.06			2	0.97	
CDNA sequence BC017158	Q91W34	Q91W34	1	0.83							
CDNA sequence BC018371 (Mus musculus adult male diencephalon cDNA, RIKEN fu	Q8VCW8	Q8VCW8	6	2.15	5	3.07	3	0.80	2	1.71	
CDNA sequence BC021917	Q8VC30	Q8VC30	1	6.36							
CDNA sequence BC022146	Q8VC03	Q8VC03	1	2.43	2	0.90	1	1.68			
CDNA sequence BC022641	Q7TS78	Q7TS78	1	0.23	1	1.51			5	1.22	
CDNA sequence BC025641	Q8R3C0	Q8R3C0			1	0.91					
CDNA sequence BC027073	Q8CFI5	Q8CFI5					1	3.67			
CDNA sequence BC031781	Q8K1J5	Q8K1J5	1	1.51	2	3.15	1	1.37	2	1.32	
CDNA sequence BC034099 (Mus musculus 10 days neonate cortex cDNA, RIKEN fu	Q8K248	Q8K248							1	0.05	
CDNA sequence BC063749	Q6P400	Q6P400	1	1.51	2	2.10					
CDO	O88971	O88971	2	0.61	4	2.68	2	0.96	3	0.79	
Cell division control protein 2 homolog (EC 2.7.1.37) (p34 protein kinase) (Cyclin-depe	P11440	CDC2_MOUSE	3	2.41	1	1.72	2	1.09	3	2.45	12534
Cell division cycle protein 16 homolog (Anaphase promoting complex subunit 6) (APC	Q8R349	CDC16_MOUSE	2	1.66	1	0.88					69957

Cell division cycle protein 23 homolog (Anaphase promoting complex subunit 8) (APC	Q8BGZ4	CDC23_MOUSE	2	0.71	5	2.10			7	1.23	52563
Cell division protein kinase 2 (EC 2.7.1.37)	P97377	CDK2_MOUSE	2	2.70							12566
Cell division protein kinase 4 (EC 2.7.1.37) (Cyclin-dependent kinase 4) (PSK-J3) (CF	P30285	CDK4_MOUSE	2	1.07	1	1.61	1	1.70	3	2.04	12567
Cell division protein kinase 9 (EC 2.7.1.37) (Cyclin-dependent kinase 9)	Q99J95	CDK9_MOUSE	1	1.42	1	2.80	1	1.69			
Cellular nucleic acid binding protein (CNBP) (Zinc finger protein 9)	P53996	CNBP_MOUSE	18	2.40	24	3.55	7	1.62	21	1.80	12785
Centaurin, beta 5	Q6NXL5	Q6NXL5			1	1.40			1	0.04	
Centromere protein C (CENP-C) (Centromere autoantigen C)	P49452	CENPC_MOUSE	1	3.55							12617
Centromere/kinetochore protein zw10 homolog	Q921H3	Q921H3	1	0.58							
Ceruloplasmin precursor (EC 1.16.3.1) (Ferroxidase)	Q61147	CERU_MOUSE	9	1.39	9	2.25	1	0.38	2	0.90	12870
CGI-121 protein (1810034M08Rik protein)	Q8QZZ7	Q8QZZ7	2	1.91			1	1.04			
Chloride anion exchanger (DRA protein) (Down-regulated in adenoma) (Solute carrier	Q9WVC8	S26A3_MOUSE							1	33.27	13487
Chloride channel protein 2 (ClC-2)	Q9R0A1	CLCN2_MOUSE	1	4.93							12724
Chloride intracellular channel protein 1 (Nuclear chloride ion channel 27) (NCC27) (p	Q9Z1Q5	CLIC1_MOUSE	19	1.82	23	1.74	7	1.66	8	1.38	114584
Chloride intracellular channel protein 4 (mc3s5/mtCLIC)	Q9QYB1	CLIC4_MOUSE	4	1.98	2	1.28	1	0.59	1	1.19	29876
Choline-phosphate cytidylyltransferase A (EC 2.7.7.15) (Phosphorylcholine transferas	P49586	PCY1A_MOUSE	1	1.97							13026
Chondroitin sulfate synthase 1 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-p	Q6ZQ11	CHSS1_MOUSE							2	0.82	
Chondroitin sulfate synthase 2 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-p	Q6IQX7	CHSS2_MOUSE	1	1.23	1	0.53			2	2.74	
Chromatin assembly factor 1 subunit A (CAF-1 subunit A) (Chromatin assembly factor	Q9QWF0	CAF1A_MOUSE			1	1.49			1	2.81	27221
Chromatin assembly factor 1 subunit B (CAF-1 subunit B) (Chromatin assembly factor	Q9D0N7	CAF1B_MOUSE			1	1.70					110749
Chromatin assembly factor 1 subunit C (CAF-1 subunit C) (Chromatin assembly factor	Q60972	RBBP4_MOUSE	6	0.95	5	2.03					19646
Chromatin-specific transcription elongation factor, 140 kDa subunit	Q920B9	Q920B9	2	1.28	2	1.15					
Chromodomain helicase-DNA-binding protein 4 (CHD-4)	Q6PDQ2	CHD4_MOUSE			2	0.67	1	0.85	4	1.52	107932
Chromosome-associated kinesin KIF4A (Chromokinesin)	P33174	KIF4A_MOUSE	1	0.79							16571
CIP1 (Solute carrier family 12 (Potassium/chloride transporters), member 9) (Cation-c	Q99MR3	Q99MR3	1	1.14							
Cipp protein	Q80YR8	Q80YR8			1	1.02			1	0.94	
Cisplatin resistance-associated overexpressed protein (Novel protein) (3300001P08R	Q921Z3	Q921Z3							3	1.33	
Citrate lyase beta subunit	Q8R4N0	Q8R4N0	7	1.70	5	1.79	7	1.05	3	0.90	
Class I (Qa) Q2k antigen	Q31218	Q31218			1	0.13					
Clast3 protein (Mus musculus 8 days embryo whole body cDNA, RIKEN full-length en	Q9EST4	Q9EST4	2	0.90	1	0.61	1	1.09			
Cleavage and polyadenylation specificity factor 3	Q8CIM0	Q8CIM0	3	0.82							
Cleavage and polyadenylation specificity factor, 100 kDa subunit (CPSF 100 kDa sub	O35218	CPSF2_MOUSE	5	1.24	4	1.72	1	1.16	2	3.16	51786
Cleavage and polyadenylation specificity factor, 160 kDa subunit (CPSF 160 kDa sub	Q9EPU4	CPSF1_MOUSE			1	1.17	1	0.72			94230
Cleavage and polyadenylation specificity factor, 30 kDa subunit (CPSF 30 kDa subun	Q8BQZ5	CPSF4_MOUSE	1	3.74	1	3.01			1	1.25	54188
Cleavage stimulation factor, 3' pre-RNA, subunit 1 (Mus musculus 9 days embryo wh	Q99LC2	Q99LC2	2	1.14	1	0.82	1	1.35	2	1.68	
Cleavage stimulation factor, 3' pre-RNA, subunit 3	Q99LI7	Q99LI7	1	0.97	1	1.01	2	1.04	1	1.03	
Clptm1 protein	Q8VBZ3	Q8VBZ3			1	0.76			1	1.69	
Coatomer beta subunit (Beta-coat protein) (Beta-COP)	Q9JIF7	COPB_MOUSE	22	1.38	17	1.08	13	1.61	6	1.08	70349
Coatomer beta' subunit (Beta'-coat protein) (Beta'-COP) (p102)	O55029	COPB2_MOUSE	8	1.26	6	0.82	6	1.20	4	0.87	50797
Coatomer gamma-2 subunit (Gamma-2 coat protein) (Gamma-2 COP)	Q9QXK3	COPG2_MOUSE	8	1.47	9	1.48	2	1.41	3	1.49	54160
Cob(I)yrinic acid a,c-diamide adenosyltransferase, mitochondrial precursor (EC 2.5.1.	Q9D273	MMAB_MOUSE	2	1.40	1	1.62					77697
Coding region determinant binding protein (Mus musculus 13 days embryo head cDN	O88477	O88477	2	1.66	4	1.54	2	1.46	6	0.98	
Cofilin, muscle isoform (Cofilin-2)	P45591	COF2_MOUSE	3	1.43	4	1.88					12632
Cofilin, non-muscle isoform (Cofilin-1)	P18760	COF1_MOUSE	5	1.87	4	1.61	5	1.23	5	2.25	12631
Cohesin subunit SA-2 (Stromal antigen 2) (SCC3 homolog 2)	O35638	STAG2_MOUSE	2	1.18	8	2.02	3	1.28	4	1.12	20843
Coiled-coil alpha-helical rod protein 1 (Alpha helical coiled-coil rod protein)	Q8K2I2	CCHCR_MOUSE							1	4.75	240084
Coiled-coil protein (Transcription factor)	Q9ESK9	Q9ESK9	1	1.12	2	1.04			2	1.28	
Coiled-coil-helix-coiled-coil-helix domain containing 4 (Mus musculus 10, 11 days em	Q8VEA4	Q8VEA4			3	1.51					
Collagen a1(V)	O88207	O88207	2	1.02	2	1.08	1	1.57	2	1.38	
Collagen alpha 1(IV) chain precursor	P02463	CO4A1_MOUSE							1	27.05	12826
Collagen alpha 1(VI) chain precursor	Q04857	CO6A1_MOUSE	4	1.16	5	3.26	1	2.06	4	1.79	12833
Collagen alpha 1(XII) chain precursor	Q60847	COCA1_MOUSE	10	1.34	13	2.77	5	1.12	13	1.78	12816
Collagen alpha 2(I) chain precursor	Q01149	CO1A2_MOUSE	17	1.33	22	1.34	13	0.81	17	0.91	12843
Collagen alpha 2(IV) chain precursor	P08122	CO4A2_MOUSE	1	0.74	1	1.37					12827
Collagen alpha3(VI) precursor (Fragment)	Q9Z0I9	Q9Z0I9	1	1.58							
Collectin placenta 1 (Colec12 protein)	Q8K4Q8	Q8K4Q8	1	1.28							
COMM domain containing protein 3 (Bmi-1 upstream gene protein) (Bup protein)	Q63829	COMD3_MOUSE	5	1.88	4	1.31	4	1.81	7	1.44	12238
Complement factor B precursor (EC 3.4.21.47) (C3/C5 convertase)	P04186	CFAB_MOUSE			2	4.27			4	2.96	14962
Condensin subunit 1 (Chromosome condensation-related SMC-associated protein 1)	Q8K2Z4	CND1_MOUSE							6	3.80	68298
Condensin subunit 2 (Barren homolog protein 1) (Chromosome-associated protein H)	Q8C156	CND2_MOUSE							1	3.42	215387
Conserved oligomeric Golgi complex component 1 (Low density lipoprotein receptor d	Q9Z160	COG1_MOUSE					3	1.49	4	1.19	16834
Conserved oligomeric Golgi complex component 8	Q9JJA2	COG8_MOUSE	1	3.19	1	22.00					97484

Contactin 5 precursor (Neural recognition molecule NB-2)	P68500	CNTN5_MOUSE			1	0.08					
COP9 signalosome complex subunit 1 (Signalosome subunit 1) (SGN1) (JAB1-contai	Q99LD4	CSN1_MOUSE	1	2.24	3	0.90					209318
COP9 signalosome complex subunit 3 (Signalosome subunit 3) (SGN3) (JAB1-contai	O88543	CSN3_MOUSE	5	0.98					1	6.13	26572
COP9 signalosome complex subunit 4 (Signalosome subunit 4) (SGN4) (JAB1-contai	O88544	CSN4_MOUSE	8	1.62	9	1.13	2	1.60	4	1.04	26891
COP9 signalosome complex subunit 6 (Signalosome subunit 6) (SGN6) (JAB1-contai	O88545	CSN6_MOUSE			3	1.90			2	1.28	26893
COP9 signalosome complex subunit 7a (Signalosome subunit 7a) (SGN7a) (JAB1-co	Q9CZ04	CSN7A_MOUSE	2	1.64	5	0.90			8	1.27	26894
COP9 signalosome complex subunit 7b (Signalosome subunit 7b) (SGN7b) (JAB1-co	Q8BV13	CSN7B_MOUSE	1	1.25			1	0.87			26895
Cop-coated vesicle membrane protein p24 precursor (p24A) (Sid 394)	Q9R0Q3	P24_MOUSE			2	1.20					56334
Copine I	Q8C166	CPNE1_MOUSE	6	2.14	6	1.56	4	1.51	11	1.72	266692
Copine II	P59108	CPNE2_MOUSE	1	2.41	2	1.02					234577
Copine III	Q8BT60	CPNE3_MOUSE	3	1.81	2	3.89	2	1.31			70568
Copper chaperone for superoxide dismutase (Superoxide dismutase copper chaperor	Q9WU84	CCS_MOUSE							3	1.96	12460
Copper transport protein ATOX1 (Metal transport protein ATX1)	O08997	ATOX1_MOUSE	2	2.93	1	2.13					11927
Copper-transporting ATPase 1 (EC 3.6.3.4) (Copper pump 1) (Menkes disease-assoc	Q64430	ATP7A_MOUSE	1	3.20	1	0.74	1	0.85			11977
Coproporphyrinogen III oxidase, mitochondrial precursor (EC 1.3.3.3) (Coproporphyri	P36552	HEM6_MOUSE	1	0.64	1	1.36					12892
Corneodesmosin	Q7TPC1	Q7TPC1	1	2.80							
Coronin-1B (Coronin-2)	Q9WUM3	COR1B_MOUSE	4	1.12	4	2.64	2	1.26			23789
Coronin-1C (Coronin-3)	Q9WUM4	COR1C_MOUSE	3	1.87	6	2.56	2	4.39	2	1.50	23790
Corticotropin-releasing factor binding protein precursor (CRF-binding protein) (CRF-B	Q60571	CRHBP_MOUSE			1	0.14					12919
COUP transcription factor 2 (COUP-TF2) (COUP-TF II) (Apolipoprotein AI regulatory p	P43135	COT2_MOUSE			1	2.90					11819
CpG binding protein (Protein containing PHD finger and CXXC domain 1) (CXXC fing	Q9CWW7	CXCC1_MOUSE			3	1.23					74322
Crk-like protein	P47941	CRKL_MOUSE	2	2.04							12929
CTD small phosphatase-like protein (CTDSP-like) (Small C-terminal domain phospha	P58465	CTDSL_MOUSE			1	1.85					69274
C-terminal binding protein 2 (CtBP2)	P56546	CTBP2_MOUSE	1	2.57							13017
CTP synthase (EC 6.3.4.2) (UTP--ammonia ligase) (CTP synthetase)	P70698	PYRG_MOUSE	8	1.76	10	1.05	3	1.97	4	1.11	51797
CTPsH protein (Cytidine 5'-triphosphate synthase 2) (Mus musculus adult male medu	P70303	P70303	16	1.63	7	1.23	3	1.26	4	1.22	
CUG triplet repeat RNA-binding protein 1 (CUG-BP1) (RNA-binding protein BRUNOL-	P28659	CUGB1_MOUSE	1	1.90	2	4.49	1	1.95			13046
Cullin homolog 1 (CUL-1)	Q9WTX6	CUL1_MOUSE	3	1.81	1	1.30					26965
Cullin homolog 5 (CUL-5)	Q9D5V5	CUL5_MOUSE	1	1.34					1	0.89	75717
Cwf19l1 protein	Q8CI33	Q8CI33	1	0.84					1	0.70	
Cyclin H	Q61458	CCNH_MOUSE	2	1.82	2	0.95			1	0.42	66671
Cyclin K	O88874	CCNK_MOUSE							1	0.56	12454
Cyclin-dependent kinase 6 inhibitor (p18-INK6) (Cyclin-dependent kinase 4 inhibitor C	Q60772	CDN2C_MOUSE			2	0.50					12580
Cyclin-dependent kinase inhibitor 1 (p21) (CDK-interacting protein 1) (Melanoma diffe	P39689	CDN1A_MOUSE			2	5.85			2	1.90	12575
CYR61 protein precursor (Cysteine-rich, angiogenic inducer, 61) (Insulin-like growth fa	P18406	CYR61_MOUSE	3	2.86	6	9.16	1	0.42	6	1.04	16007
Cysteine and glycine-rich protein 1 (Cysteine-rich protein 1) (CRP1) (CRP)	P97315	CSRP1_MOUSE	1	2.21	8	4.75	1	0.93	4	1.16	13007
Cysteine and histidine-rich protein	Q9QXA1	Q9QXA1	2	1.25	2	1.26					
Cysteine sulfinic acid decarboxylase (EC 4.1.1.29) (Sulfinoalanine decarboxylase) (C	Q9DBE0	CSAD_MOUSE	4	1.18	5	1.13	1	0.96	6	1.43	246277
Cysteine-rich protein 2 (CRP2) (Heart LIM protein)	Q9DCT8	CRIP2_MOUSE			3	1.82			4	1.93	68337
Cysteine-rich protein NFX-1	Q9JKW7	Q9JKW7			1	1.30			1	3.46	
Cysteine-rich secretory protein-2 precursor (CRISP-2) (Testis-specific protein TPX-1)	P16563	CRIS2_MOUSE							1	0.50	22024
Cysteinyl-tRNA synthetase (EC 6.1.1.16) (Cysteine--tRNA ligase) (CysRS)	Q9ER72	SYC_MOUSE	4	1.21	7	1.15	5	1.36	4	1.53	27267
Cytidine deaminase (EC 3.5.4.5) (Cytidine aminohydrolase)	P56389	CDD_MOUSE			1	2.51	3	1.89	3	2.26	
Cytochrome c oxidase copper chaperone	P56394	COX17_MOUSE			1	2.75	1	0.83	3	2.17	
Cytochrome c oxidase polypeptide VIb (EC 1.9.3.1) (Cytochrome c oxidase subunit AI	P56391	COX6B_MOUSE	5	1.19	5	1.10	6	1.39	7	1.24	110323
Cytochrome c oxidase subunit 2 (EC 1.9.3.1) (Cytochrome c oxidase polypeptide II)	P00405	COX2_MOUSE			1	0.21			2	29.57	17709
Cytochrome P450 3A25 (EC 1.14.14.1) (CYPIIIA25)	O09158	CP3AP_MOUSE			2	0.18			1	0.27	56388
Cytokine receptor-like factor 1 precursor (Cytokine-like factor-1) (CLF-1) (Cytokine rec	Q9JM58	CRLF1_MOUSE	3	1.31	3	1.09	3	2.88	3	1.45	12931
Cytokine-like nuclear factor n-pac	Q922P9	Q922P9	4	1.19	2	1.09	3	1.34	3	0.93	
Cytoplasmic dynein heavy chain 2 (Fragment)	Q5VI62	Q5VI62	1	2.26							
Cytoskeletal protein	O08614	O08614	9	1.43	13	1.36	4	1.33			
Cytosolic acyl coenzyme A thioester hydrolase (EC 3.1.2.2) (Long chain acyl-CoA thio	Q91V12	BACH_MOUSE	4	1.58	3	1.22	3	1.23	4	1.18	70025
Cytosolic phospholipase A2 (cPLA2) (Phospholipase A2 group IVA) [Includes: Phospl	P47713	PA24A_MOUSE	5	2.04	4	0.68			3	1.04	18783
D(3) dopamine receptor	P30728	DRD3_MOUSE	1	0.08							13490
D10Ertd802e protein	Q8CFE4	Q8CFE4	1	0.56							
D15Mgi27 protein (Mus musculus NOD-derived CD11c +ve dendritic cells cDNA, RIK	Q921Y4	Q921Y4							1	0.60	
D4Wsu114e protein	Q8CFZ8	Q8CFZ8							1	1.42	
D7Wsu128e protein	Q78JW9	Q78JW9							1	0.36	
DAZ-associated protein 1 (Deleted in azoospermia-associated protein 1)	Q9JII5	DAZP1_MOUSE	3	1.93	4	1.56					70248
DBY protein (DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked)	Q9QWS9	Q9QWS9	1	1.24	2	2.11	2	1.63			
DCC-interacting protein 13 alpha (Dip13 alpha) (Adapter protein containing PH domai	Q8K3H0	DP13A_MOUSE							2	4.19	

DCC-interacting protein 13 beta (Dip13 beta) (Adapter protein containing PH domain,	Q8K3G9	DP13B_MOUSE	1	0.04						
D-dopachrome tautomerase (EC 5.3.3.-)	O35215	DOPD_MOUSE	3	1.65	1	0.36				13202
Ddx41 protein	Q91VN6	Q91VN6	1	1.11					2	1.36	
DEAD (Asp-Glu-Ala-Asp) box polypeptide 1 (Mus musculus 12 days embryo embryon	Q91VR5	Q91VR5	16	1.66	13	2.27	9	1.01	15	1.21	
DEAD (Asp-Glu-Ala-Asp) box polypeptide 42	Q810A7	Q810A7	4	2.09	5	1.40			5	1.21	
DEAD/H box polypeptide 36 protein	Q8VHK9	Q8VHK9	3	1.47	3	3.10			1	0.48	
DEAD/H box polypeptide RIG-I	Q6Q899	Q6Q899	2	2.60	2	0.97	2	1.69	1	0.17	
DEAD-box protein 3, X-chromosomal (DEAD-box RNA helicase DEAD3) (mDEAD3) (	Q62167	DDX3X_MOUSE	2	1.21	4	1.18	2	1.42	2	1.24	13205
DEAD-box protein 47 (EC 3.6.1.-)	Q9CWX9	DDX47_MOUSE			1	4.31					67755
DEAD-box protein 52 (EC 3.6.1.-) (Putative ATP-dependent RNA helicase ROK1-like)	Q8K301	DDX52_MOUSE	1	1.78							78394
DEAH (Asp-Glu-Ala-His) box polypeptide 35	Q8K1G9	Q8K1G9							1	0.19	
Death associated transcription factor 1 (Death inducer-obliterator-1) (DIO-1)	Q8C9B9	DATF1_MOUSE							1	5.05	23856
Death domain containing membrane protein NRADD	Q8CJ26	Q8CJ26	1	1.45	1	1.66			1	0.94	
Decorin precursor (Bone proteoglycan II) (PG-S2) (PG40)	P28654	PGS2_MOUSE			1	0.98			2	0.32	13179
Dehydrodolichyl diphosphate synthase (EC 2.5.1.-) (Dedol-PP synthase)	Q99KU1	DHDDS_MOUSE	1	0.66							67422
Dehydrogenase/reductase SDR family member 1 (EC 1.1.-.-)	Q99L04	DHRS1_MOUSE	15	1.55	13	1.71	9	1.71	6	0.89	52585
Dehydrogenase/reductase SDR family member 4 (EC 1.1.1.184) (NADPH-dependent	Q99LB2	DHRS4_MOUSE	1	0.96							
Delta 1-pyrroline-5-carboxylate synthetase (P5CS) (Aldehyde dehydrogenase 18 fami	Q9Z110	P5CS_MOUSE	6	1.89	7	2.24	4	1.44	6	7.07	56454
Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor (EC 5.3.3.-)	O35459	ECH1_MOUSE	2	1.26	7	2.02	3	0.94	1	1.17	51798
Delta-aminolevulinic acid dehydratase (EC 4.2.1.24) (Porphobilinogen synthase) (AL	P10518	HEM2_MOUSE	6	1.31	7	0.84	6	1.57	6	1.15	17025
Delta-like protein 3 precursor (Drosophila Delta homolog 3) (M-Delta-3)	O88516	DLL3_MOUSE			1	0.30					13389
Deltex protein 3 (Deltex-3) (Deltex3) (mDTX3)	Q80V91	DTX3_MOUSE			1	2.50			2	0.94	80904
Dendritic cell protein GA17 (Mus musculus 8 days embryo whole body cDNA, RIKEN	Q99JX4	Q99JX4	6	1.32	4	1.55	2	1.86	1	1.19	
Density-regulated protein (DRP)	Q9CQJ6	DENR_MOUSE			1	1.95			1	1.39	68184
Deoxyribonuclease II alpha precursor (EC 3.1.22.1) (DNase II alpha) (Acid DNase) (L	P56542	DNS2A_MOUSE			3	1.70	1	0.49			13423
Desmoglein-4 precursor	Q7TMD7	DSG4_MOUSE			1	0.11					
Destrin (Actin-depolymerizing factor) (ADF) (Sid 23)	Q9R0P5	DEST_MOUSE	21	2.05	20	3.53	6	2.46	8	1.43	56431
DET1 homolog (De-etiolated-1 homolog)	Q9D0A0	DET1_MOUSE							1	0.72	76375
Developmentally regulated GTP-binding protein 1 (DRG 1) (Nedd3 protein)	P32233	DRG1_MOUSE	3	1.38	4	1.17	2	1.38	2	0.93	13494
DGCR8 protein (DiGeorge syndrome critical region 8 homolog) (Gy1)	Q9EQM6	DGCR8_MOUSE	1	1.42	4	1.36			1	4.03	94223
DHHC-containing protein 8	Q5Y5T5	Q5Y5T5							1	0.18	
Dhx29 protein (DEAH (Asp-Glu-Ala-His) box polypeptide 29)	Q6PGC1	Q6PGC1	3	2.45	4	1.60	1	5.46	5	2.17	
Dhx37 protein	Q6NZL1	Q6NZL1			1	0.14					
Diaphanous protein homolog 2 (Diaphanous-related formin 2) (DRF2) (mDia3)	O70566	DIAP2_MOUSE	1	0.16							54004
Dickkopf related protein-3 precursor (Dkk-3) (Dickkopf-3) (mDkk-3)	Q9QUN9	DKK3_MOUSE			3	2.86			4	2.05	50781
Dihydrofolate reductase (EC 1.5.1.3)	P00375	DYR_MOUSE	2	5.22							13361
Dihydropyrimidinase related protein-3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP pr	Q62188	DPYL3_MOUSE	4	1.38	4	1.09	2	1.94			22240
Dihydroxyacetone phosphate acyltransferase (EC 2.3.1.42) (DHAP-AT) (DAP-AT) (Gl	P98192	GNPAT_MOUSE	2	1.08	1	0.47	2	1.84	2	1.70	14712
Dipeptidylpeptidase 8	Q80YA7	Q80YA7							2	1.69	
Diphosphoinositol polyphosphate phosphohydrolase (Nudt3 protein) (Nudix (Nucleotic	Q9JI46	Q9JI46	2	3.62	2	1.83	3	2.74			
Disabled homolog 2 (DOC-2) (Mitogen-responsive phosphoprotein)	P98078	DAB2_MOUSE					1	2.34			13132
Discoidin, CUB and LCCL domain containing protein 2 precursor (Endothelial and sm	Q91ZV3	DCBD2_MOUSE			1	0.54			1	1.31	
Disp1-pending protein	Q80ZZ8	Q80ZZ8			2	1.99			2	1.30	
DJ-1 protein	Q99LX0	PARK7_MOUSE	7	2.11	5	1.56	3	1.55	7	2.18	57320
DNA mismatch repair protein Msh2	P43247	MSH2_MOUSE	1	2.44							17685
DNA polymerase alpha catalytic subunit (EC 2.7.7.7)	P33609	DPOA_MOUSE	4	2.17	4	1.56	3	1.13	6	1.76	18968
DNA polymerase delta subunit 2 (EC 2.7.7.7) (DNA polymerase delta subunit p50)	O35654	DPOD2_MOUSE	1	18.70			1	1.68	3	3.39	18972
DNA polymerase epsilon, catalytic subunit A (EC 2.7.7.7) (DNA polymerase II subunit	Q9WVF7	DPOE1_MOUSE			1	24.06					18973
DNA primase small subunit (EC 2.7.7.-) (DNA primase 49 kDa subunit) (p49)	P20664	PRI1_MOUSE	2	1.78	1	4.52			1	2.17	19075
DNA repair and recombination protein RAD54-like (EC 3.6.1.-) (RAD54 homolog) (mR	P70270	RAD54_MOUSE	1	0.90							19366
DNA repair protein RAD50 (EC 3.6.-.-) (mRad50)	P70388	RAD50_MOUSE	2	0.88	1	0.93					
DNA repair protein RAD51 homolog 1	Q08297	RAD51_MOUSE							1	0.34	19361
DNA replication factor Cdt1 (Double parked homolog) (DUP) (Retroviral insertion site	Q8R4E9	CDT1_MOUSE			1	0.09					67177
DNA replication licensing factor MCM2 (Minichromosome maintenance protein 2 hom	P97310	MCM2_MOUSE	7	1.39	8	1.12	3	1.09	1	1.18	17216
DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associat	P25206	MCM3_MOUSE	23	1.27	26	1.35	9	0.87	6	1.47	17215
DNA replication licensing factor MCM4 (CDC21 homolog) (P1-CDC21)	P49717	MCM4_MOUSE	6	1.13	4	0.69			1	3.49	17217
DNA replication licensing factor MCM6 (Mis5 homolog)	P97311	MCM6_MOUSE	29	2.03	28	1.43	14	1.20	18	1.43	17219
DNA replication licensing factor MCM7 (CDC47 homolog)	Q61881	MCM7_MOUSE	4	1.11	8	1.39	2	0.98	1	1.37	17220
DNA segment, Chr 3, Wayne State University 161, expressed	Q8K2Y6	Q8K2Y6	1	1.57	1	1.12	3	2.60			
DNA segment, Chr 5, Wayne State University 46, expressed	Q8K3A9	Q8K3A9			1	1.21			2	0.33	
DNA segment, Chr 6, Wayne State University 163, expressed (Mus musculus adult m	Q91YN0	Q91YN0							3	0.93	

DNA segment, Chr 8, ERATO Doi 457, expressed	Q8K327	Q8K327			1	2.76					
DNA topoisomerase I (EC 5.99.1.2)	Q04750	TOP1_MOUSE	5	1.56	4	0.74	4	2.43	6	1.26	21969
DNA topoisomerase III beta-1 (EC 5.99.1.2)	Q9Z321	TOP3B_MOUSE			1	1.19	1	0.03	2	0.99	21976
DNA-(apurinic or apyrimidinic site) lyase (EC 4.2.99.18) (AP endonuclease 1) (APEX	P28352	APEX1_MOUSE	6	1.27	4	1.81			3	1.99	11792
DNA-binding protein inhibitor ID-4	P41139	ID4_MOUSE			1	5.10					15904
DNA-binding protein Mel-18 (RING finger protein 110) (Zinc finger protein 144)	P23798	MEL18_MOUSE							1	0.64	22658
DNA-binding protein SATB2 (Special AT-rich sequence-binding protein 2)	Q8VI24	SATB2_MOUSE			1	1.69					212712
DNA-dependent protein kinase catalytic subunit (EC 2.7.1.37) (DNA-PKcs) (P460)	P97313	PRKDC_MOUSE	1	0.73							19090
DNA-directed RNA polymerase I 135 kDa polypeptide (EC 2.7.7.6) (RNA polymerase	P70700	RPA2_MOUSE							1	1.58	20017
DNA-directed RNA polymerase II 13.3 kDa polypeptide (EC 2.7.7.6) (RPB11) (RPB14	O08740	RPB11_MOUSE	1	1.75	2	1.74	2	0.31			20022
DNA-directed RNA polymerase II 14.5 kDa polypeptide (EC 2.7.7.6) (RPB9) (RPB14.5	P60898	RPB9_MOUSE	2	3.01	1	2.45	2	0.85	5	1.63	69920
DNA-directed RNA polymerase II 140 kDa polypeptide (EC 2.7.7.6) (RNA polymerase	Q8CFI7	RPB2_MOUSE	6	1.50	5	1.76	1	0.83	1	0.65	231329
DNA-directed RNA polymerase II 16 kDa polypeptide (EC 2.7.7.6) (RPB4)	Q9D7M8	RPB4_MOUSE			2	1.93			1	0.89	69241
DNA-directed RNA polymerase III 62 kDa polypeptide (EC 2.7.7.6) (RNA polymerase	Q9D483	RPC62_MOUSE			1	7.22					74414
DNA-directed RNA polymerases III 12.5 kDa polypeptide (EC 2.7.7.6) (RNA polymera	Q9CQZ7	RPC11_MOUSE			1	1.00					67005
DnaJ homolog subfamily A member 1 (Heat shock 40 kDa protein 4) (DnaJ protein ho	P63037	DNJA1_MOUSE	3	1.21	8	2.58	1	1.14	4	1.70	15502
DnaJ homolog subfamily A member 2 (mDj3)	Q9QYJ0	DNJA2_MOUSE	6	1.55	4	1.44	4	1.06	16	0.82	56445
DnaJ homolog subfamily A member 3, mitochondrial precursor (Tumorous imaginal di	Q99M87	DNJA3_MOUSE	1	1.25	2	1.53	1	0.47	4	4.34	83945
DnaJ homolog subfamily A member 4 (MmDjA4)	Q9JMC3	DNJA4_MOUSE							1	1.39	58233
DnaJ homolog subfamily B member 1 (Heat shock 40 kDa protein 1) (Heat shock prot	Q9QYJ3	DNJB1_MOUSE	3	1.71	6	1.11	2	1.48	1	1.37	81489
DnaJ homolog subfamily B member 11 precursor	Q99KV1	DNJBB_MOUSE	2	1.97	4	2.76	5	0.90	4	1.17	67838
DnaJ homolog subfamily B member 4	Q9D832	DNJB4_MOUSE	1	4.12	1	1.97	2	1.63			67035
DnaJ homolog subfamily C member 7 (Tetratricopeptide repeat protein 2) (TPR repea	Q9QYI3	DNJC7_MOUSE	1	2.92	1	0.79					56354
DOCK180-related Cdc42 guanine nucleotide exchange factor	Q5KTP7	Q5KTP7	1	1.57	1	3.25			3	1.28	
Docking protein 1 (p62(dok)) (Downstream of tyrosine kinase 1)	P97465	DOK1_MOUSE	1	2.77							13448
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precu	Q91YQ5	RIB1_MOUSE	12	1.32	13	1.08	6	1.07	4	0.85	103963
Dolichyl-P-Man:Man(7)GlcNAc(2)-PP-dolichyl-alpha-1,6-mannosyltransferase (EC 2.4	Q8VDB2	ALG12_MOUSE							1	2.50	223774
Double-stranded RNA-binding protein Staufen homolog	Q9Z108	STAU_MOUSE	2	2.50			2	0.58	4	1.79	20853
Double-stranded RNA-specific adenosine deaminase (EC 3.5.4.-) (DRADA) (RNA ade	Q99MU3	DSRAD_MOUSE			1	0.48					56417
Down syndrome critical region protein 3 homolog (Down syndrome critical region prot	O35075	DSCR3_MOUSE	1	11.96	3	1.24	1	0.76	3	1.52	13185
Down-regulator of transcription 1 (Mus musculus adult male liver cDNA, RIKEN full-le	Q91WV0	Q91WV0							1	1.84	
Drebrin (Developmentally regulated brain protein)	Q9QXS6	DREB_MOUSE	2	6.37	5	4.10	3	1.00	6	1.62	56320
Drebrin-like protein (SH3 domain-containing protein 7) (Actin-binding protein 1)	Q62418	DBNL_MOUSE	5	1.16	2	1.07					13169
Dual specificity mitogen-activated protein kinase kinase 4 (EC 2.7.1.37) (EC 2.7.1.11	P47809	MP2K4_MOUSE	4	2.35	3	1.18			5	1.62	26398
Dual specificity protein phosphatase CDC14A (EC 3.1.3.48) (EC 3.1.3.16) (CDC14 ce	Q6GQT0	CC14A_MOUSE							1	0.97	229776
Dynactin complex 50 kDa subunit (50 kDa dynein-associated polypeptide) (p50 dynar	Q99KJ8	DCTN2_MOUSE	2	2.01	1	1.61			3	1.81	69654
Dynactin-1 (150 kDa dynein-associated polypeptide) (DP-150) (DAP-150) (p150-glue	O08788	DYNA_MOUSE	12	1.63	5	1.01	3	1.38	1	1.60	13191
Dynamin 2 (EC 3.6.5.5) (Dynamin UDNM)	P39054	DYN2_MOUSE			3	0.81					13430
Dynamin binding protein (Scaffold protein Tuba)	Q6TXD4	DNMBP_MOUSE			1	0.14			1	0.42	71972
Dynamin-1 (EC 3.6.5.5)	P39053	DYN1_MOUSE			3	0.72					13429
Dynamin-related Protein 1	Q8K1M6	Q8K1M6	9	1.98	10	1.15	2	1.99	6	1.13	
Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain)	Q9JHU4	DYHC_MOUSE	24	1.59	24	1.23	4	1.22	7	3.52	13424
Dynein light chain 1, cytoplasmic (8 kDa dynein light chain) (DLC8) (Protein inhibitor c	P63168	DYL1_MOUSE	1	1.64							56455
Dynein, cytoplasmic, light intermediate chain 1	Q8R1Q8	Q8R1Q8							1	1.07	
Dyrk3 protein	Q922Y0	Q922Y0							1	1.17	
Dyskerin (Nucleolar protein NAP57)	Q9ESX5	DKC1_MOUSE	4	1.75	5	1.33	1	1.25	1	1.34	
Dystrobrevin beta (Beta-dystrobrevin) (DTN-B) (MDTN-B)	O70585	DTNB_MOUSE							1	0.47	13528
Dystroglycan precursor (Dystrophin-associated glycoprotein 1) [Contains: Alpha-dystr	Q62165	DAG1_MOUSE	2	1.11	2	1.75					13138
Dystrophia myotonica-containing WD repeat motif protein (DMR-N9 protein)	Q08274	DMWD_MOUSE							1	1.04	13401
Dystrophin	P11531	DMD_MOUSE	1	1.70	1	0.78					13405
E2F transcription factor 4 (E2f4 protein)	Q8R0K9	Q8R0K9			1	4.16					
E3 ubiquitin ligase SMURF2	Q5IRE6	Q5IRE6	1	1.35			1	0.33			
E3 ubiquitin protein ligase URE-B1 (EC 6.3.2.-) (Fragment)	Q7TMY8	UREB1_MOUSE	5	1.12	2	0.96	2	1.88			59026
E3 ubiquitin-protein ligase Nedd-4 (EC 6.3.2.-)	P46935	NEDD4_MOUSE	2	2.08	5	1.05	1	1.11			17999
Early endosome antigen 1	Q6DIC2	Q6DIC2	3	17.17	3	7.84					
Early growth response protein 1 (EGR-1) (Krox-24 protein) (ZIF268) (Nerve growth fa	P08046	EGR1_MOUSE	1	5.86	2	4.11					13653
Early growth response protein 2 (EGR-2) (Krox-20 protein)	P08152	EGR2_MOUSE			2	4.16					13654
EGF-containing fibulin-like extracellular matrix protein 2 precursor (Fibulin-4) (FIBL-4)	Q9WVJ9	FBLN4_MOUSE	1	7.54	9	5.32	1	1.04	18	0.86	58859
EH-domain containing protein 4 (mPAST2)	Q9EQP2	EHD4_MOUSE	4	4.70	4	1.32	1	2.28	4	1.94	98878
EIB-55kDa associated protein 5	Q8VDM6	Q8VDM6	6	1.20	5	1.17			4	0.85	
Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC	Q921G7	ETFD_MOUSE	9	1.32	6	3.34	4	0.81	7	0.67	66841

Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elong	P10126	EF1A1_MOUSE	16	1.48	20	1.26	2	2.83	8	1.91	13627
Elongation factor 1-beta (EF-1-beta)	O70251	EF1B_MOUSE	1	1.39							55949
Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma)	Q9D8N0	EF1G_MOUSE							1	4.07	67160
Elongation factor 2 (EF-2)	P58252	EF2_MOUSE	34	1.62	64	1.10	10	2.53	16	1.63	13629
Elongation factor G 1, mitochondrial precursor (mEF-G 1) (Elongation factor G1)	Q8K0D5	EFG1_MOUSE			1	1.14			1	1.63	28030
Elongation factor Ts, mitochondrial precursor (EF-Ts) (EF-TsMt)	Q9CZR8	EFTS_MOUSE	1	4.52	4	1.46					66399
Embryonic growth-associated	Q6PHQ8	Q6PHQ8							2	1.13	
EMILIN 1 precursor (Elastin microfibril interface-located protein 1) (Elastin microfibril i	Q99K41	EMIL1_MOUSE	1	4.24	5	2.47	1	0.32	11	1.13	100952
Enabled protein homolog (NPC derived proline-rich protein 1) (NDPP-1)	Q03173	ENAH_MOUSE	2	1.57	1	0.75					13800
Endonuclease VIII-like 3 (Nei-like 3) (DNA glycosylase FPG2)	Q8K203	NEIL3_MOUSE			1	2.36					234258
Endoplasmic reticulum protein ERp29 precursor	P57759	ERP29_MOUSE	4	1.85	3	1.31			1	1.17	67397
Endoplasmin precursor (Endoplasmic reticulum protein 99) (94 kDa glucose-regulatec	P08113	ENPL_MOUSE	2	1.70	3	1.13					22027
Endoribonuclease Dicer (EC 3.1.26.-) (Double-strand-specific ribonuclease mDCR-1)	Q8R418	DICER_MOUSE			2	0.37			1	0.65	192119
Enhancer of rudimentary homolog	P84089	ERH_MOUSE	4	2.12	1	2.29	4	1.41	5	0.93	13877
Enhancer of zeste homolog 2 (ENX-1)	Q61188	EZH2_MOUSE							2	2.84	14056
Enigma homolog (Enigma-like PDZ and LIM domains protein)	Q8CI51	ENH_MOUSE	1	2.52	11	2.72	1	1.48	8	1.27	56376
Envelope polyprotein	Q811M8	Q811M8	1	3.26	6	3.37			6	0.95	
Eosinophil peroxidase precursor (EC 1.11.1.7) (EPO)	P49290	PERE_MOUSE							1	1.29	13861
Ephrin type-A receptor 2 precursor (EC 2.7.1.112) (Tyrosine-protein kinase receptor E	Q03145	EPHA2_MOUSE	3	1.38	5	2.03	2	1.17	3	1.36	13836
Ephrin type-A receptor 8 precursor (EC 2.7.1.112) (Tyrosine-protein kinase receptor E	O09127	EPHA8_MOUSE							1	0.19	13842
Ephrin-A1 precursor (EPH-related receptor tyrosine kinase ligand 1) (LERK-1) (Immec	P52793	EFNA1_MOUSE			1	0.75					13636
Ephrin-B1 precursor (EPH-related receptor tyrosine kinase ligand 2) (LERK-2) (ELK li	P52795	EFNB1_MOUSE	2	1.43	3	2.51	3	0.89	3	1.44	13641
Epidermal growth factor receptor substrate 15-like 1 (Eps15-related protein) (Eps15R)	Q60902	EP15R_MOUSE	1	3.12			1	1.65			13859
Epididymal secretory protein E1 precursor (Niemann Pick type C2 protein homolog) (r	Q9Z0J0	NPC2_MOUSE	7	1.61	13	1.85	7	1.20	7	1.08	67963
Epididymal-specific lipocalin 12 precursor	Q6JVL5	LCN12_MOUSE							1	0.59	
Epididymis-specific alpha-mannosidase precursor (EC 3.2.1.24) (Mannosidase alpha	O54782	MA2B2_MOUSE	8	1.16	7	1.07			1	0.28	17160
EPM2A-interacting protein 1 (Laforin-interacting protein)	Q8VEH5	EPMIP_MOUSE	2	3.51	2	1.82			3	1.15	77781
Equilibrative nucleoside transporter 1 (Equilibrative nitrobenzylmercaptopurine ribosid	Q9JIM1	S29A1_MOUSE	9	1.25	5	1.23			9	1.83	63959
Ercc5 protein (Fragment)	Q6P9Q0	Q6P9Q0			1	0.30					
ERO1-like protein alpha precursor (EC 1.8.4.-) (ERO1-Lalpha) (Oxidoreductin 1-lalpha	Q8R180	ERO1A_MOUSE	1	2.20	2	4.19			7	1.58	50527
ERO1-like protein beta precursor (EC 1.8.4.-) (ERO1-Lbeta) (Oxidoreductin 1-lbeta) (I	Q8R2E9	ERO1B_MOUSE			2	5.64					67475
ER-resident protein ERdj5	Q8CH78	Q8CH78	3	1.87	6	1.52	6	0.99	9	1.02	
Erythroblast macrophage protein EMP	Q9JK49	Q9JK49			1	0.93			2	0.67	
ES1 protein homolog, mitochondrial precursor	Q9D172	ES1_MOUSE	4	2.28	4	3.25	3	1.46	4	1.23	28295
Estradiol 17-beta-dehydrogenase 8 (EC 1.1.1.62) (17-beta-HSD 8) (17-beta-hydroxys	P50171	DHB8_MOUSE	2	1.55	2	0.92	2	0.99	1	1.46	14979
Estrogen receptor (ER) (Estradiol receptor) (ER-alpha)	P19785	ESR1_MOUSE	1	1.01							13982
Eukaryotic initiation factor 4A-I (eIF4A-I) (eIF-4A-I)	P60843	IF41_MOUSE	3	3.30	7	14.86	3	3.87	9	1.61	13681
Eukaryotic initiation factor 4A-II (eIF4A-II) (eIF-4A-II)	P10630	IF42_MOUSE	2	1.78					2	1.70	13682
Eukaryotic peptide chain release factor subunit 1 (eRF1) (Eukaryotic release factor 1)	Q8BWY3	ERF1_MOUSE	2	2.30	1	0.80					225363
Eukaryotic translation initiation factor 1 (eIF1) (Protein translation factor SUI1 homolo	P48024	SUI1_MOUSE	3	1.47	5	1.34	6	1.97	2	1.36	20918
Eukaryotic translation initiation factor 2 subunit 1 (Eukaryotic translation initiation factc	Q6ZWX6	IF2A_MOUSE	1	0.46	2	1.07					
Eukaryotic translation initiation factor 2 subunit 2 (Eukaryotic translation initiation factc	Q99L45	IF2B_MOUSE	4	2.57	9	1.88	5	1.27	6	1.41	67204
Eukaryotic translation initiation factor 2 subunit 3, X-linked (Eukaryotic translation initia	Q9Z0N1	IF2G_MOUSE	2	1.41	1	0.77					26905
Eukaryotic translation initiation factor 2B, subunit 5 epsilon	Q8CHW4	Q8CHW4	6	1.50	5	2.10	3	1.38	4	1.33	
Eukaryotic translation initiation factor 3 subunit 10 (eIF-3 theta) (eIF3 p167) (eIF3 p18	P23116	IF3A_MOUSE	7	1.33	3	0.88	4	1.74	3	1.03	13669
Eukaryotic translation initiation factor 3 subunit 2 (eIF-3 beta) (eIF3 p36) (eIF3i) (TGF-	Q9QZD9	IF32_MOUSE	4	1.16	5	1.03	2	1.08	5	0.85	54709
Eukaryotic translation initiation factor 3 subunit 3 (eIF-3 gamma) (eIF3 p40 subunit) (e	Q91WK2	IF33_MOUSE	2	1.30							68135
Eukaryotic translation initiation factor 3 subunit 4 (eIF-3 delta) (eIF3 p44) (eIF-3 RNA-	Q9Z1D1	IF34_MOUSE	1	1.41	3	0.96					53356
Eukaryotic translation initiation factor 3 subunit 5 (eIF-3 epsilon) (eIF3 p47 subunit) (e	Q9DCH4	IF35_MOUSE	4	0.99	1	0.94	1	0.88			66085
Eukaryotic translation initiation factor 3 subunit 6 (eIF-3 p48) (eIF3e) (Mammary tumo	P60229	IF36_MOUSE	4	1.82	5	0.93	2	2.32	10	1.27	16341
Eukaryotic translation initiation factor 3, subunit 6 interacting protein (Tyrosine-rich he	Q8QZY1	Q8QZY1	2	1.59							
Eukaryotic translation initiation factor 3, subunit 8	Q8R1B4	Q8R1B4	12	1.30	7	0.82	2	1.48	4	1.39	
Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G	Q80XI3	IF4G3_MOUSE			3	0.90			1	0.46	230861
Eukaryotic translation initiation factor 6 (eIF-6) (B4 integrin interactor) (CAB) (p27(BBI	O55135	IF6_MOUSE	6	1.88	5	1.61	5	1.53	4	1.39	16418
Exo1 protein (Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched	Q923A5	Q923A5							1	0.45	
Exoc8 protein	Q6PGF7	Q6PGF7							1	18.04	
Exocyst complex component Sec5	Q9D4H1	SEC5_MOUSE	1	0.05							66482
Exosome complex exonuclease RRP40 (EC 3.1.13.-) (Ribosomal RNA processing pro	Q7TQK4	EXOS3_MOUSE	1	2.06			2	1.21	1	1.43	66362
Exosome complex exonuclease RRP45 (EC 3.1.13.-) (Exosome component 9) (Polyn	Q9JHI7	EXOS9_MOUSE					2	0.83	2	1.14	50911
Exosome complex exonuclease RRP46 (EC 3.1.13.-) (Ribosomal RNA processing pro	Q9CRA8	EXOS5_MOUSE			1	3.75			2	0.47	27998
Exostosin-2 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-protec	P70428	EXT2_MOUSE			1	1.79	1	1.74	2	0.91	14043

Exportin 7 (Ran-binding protein 16)	Q9EPK7	XPO7_MOUSE	11	1.62	3	1.33			1	2.05	65246
Exportin T (tRNA exportin) (Exportin(tRNA)) (Fragment)	Q9CRT8	XPOT_MOUSE	2	1.40	2	0.93	1	1.18	2	1.75	73192
Expressed sequence AA536743	Q8K2J7	Q8K2J7	1	3.37							
Expressed sequence AA959742 (Mus musculus 0 day neonate eyeball cDNA, RIKEN	Q922Q8	Q922Q8	11	1.26	5	1.82	3	0.98			
Expressed sequence AI429152	Q8K224	Q8K224	4	1.80	4	1.98	4	1.51	3	2.63	
Extracellular matrix protein 1 precursor (Secretory component p85)	Q61508	ECM1_MOUSE			1	3.35			1	1.23	13601
Extracellular superoxide dismutase [Cu-Zn] precursor (EC 1.15.1.1) (EC-SOD)	O09164	SODE_MOUSE	1	0.83	1	5.66					20657
F-actin capping protein alpha-1 subunit (CapZ alpha-1)	P47753	CAZA1_MOUSE			1	2.50					12340
F-actin capping protein alpha-2 subunit (CapZ alpha-2)	P47754	CAZA2_MOUSE			1	1.77					12343
F-actin capping protein beta subunit (CapZ beta)	P47757	CAPZB_MOUSE	5	1.40	1	2.44	1	1.26			12345
Fancd2 protein (Fragment)	Q80V62	Q80V62	1	7.02							
Fanconi anemia group A protein homolog (FACA protein)	Q9JL70	FANCA_MOUSE			1	0.85					14087
Farnesyl pyrophosphate synthetase (FPP synthetase) (FPS) (Farnesyl diphosphate s	Q920E5	FPPS_MOUSE	9	1.92	8	1.99	4	1.82	7	1.30	
Farp1 protein (Fragment)	Q8K2R0	Q8K2R0	5	1.24	6	1.14	3	0.85	6	1.41	
Fat 1 cadherin (Fragment)	Q9QXA3	Q9QXA3	3	1.65	2	3.04			2	0.80	
Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase	P19096	FAS_MOUSE	32	1.71	23	1.00	16	2.12	23	1.55	14104
Fatty acid transport protein 4 (Solute carrier family 27 (Fatty acid transporter), membe	Q91VE0	Q91VE0			4	2.00			7	3.05	
Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-bindin	Q05816	FABPE_MOUSE	15	2.57	13	2.32	14	2.22	12	1.78	16592
Fatty aldehyde dehydrogenase-like	Q80VQ0	Q80VQ0	2	1.22	1	0.15					
F-box only protein 18 (EC 3.6.1.-) (F-box DNA helicase 1)	Q8K2I9	FBX18_MOUSE			1	1.54					50755
F-box only protein 30	Q8BJL1	FBX30_MOUSE	2	3.03	2	0.87	1	1.73			71865
F-box only protein 37 (F-box/LRR-repeat protein 15)	Q91W61	FBX37_MOUSE	3	1.78	3	1.20	2	2.08	4	2.90	68431
F-box only protein 4	Q8CHQ0	FBX4_MOUSE	1	0.60							
F-box only protein 6 (F-box only protein 6b)	Q9QZN4	FBX6_MOUSE	2	4.46	5	1.80	3	2.28	2	3.66	50762
F-box/LRR-repeat protein 11 (F-box and leucine-rich repeat protein 11) (Fragment)	P59997	FXL11_MOUSE							1	1.39	225876
F-box/LRR-repeat protein 17 (F-box and leucine-rich repeat protein 17) (F-box only pr	Q9QZN1	FXL17_MOUSE							1	0.79	50758
F-box/LRR-repeat protein 20 (F-box and leucine-rich repeat protein 20) (F-box/LRR-re	Q9CZV8	FXL20_MOUSE			1	0.53					72194
F-box/WD-repeat protein 4 (F-box and WD-40 domain protein 4) (Hagoromo protein)	Q9JMJ2	FBXW4_MOUSE							1	0.08	30838
F-box/WD-repeat protein 8 (F-box and WD-40 domain protein 8)	Q8BIA4	FBXW8_MOUSE	1	0.69							231672
F-box-like/WD-repeat protein TBL1X (Transducin beta-like 1X protein)	Q9QXE7	TBLX_MOUSE	6	0.95	6	0.96	2	0.79	1	0.52	21372
F-box-like/WD-repeat protein TBLR1 (Nuclear receptor corepressor/HDAC3 complex	Q8BHJ5	TBL1R_MOUSE	2	2.17	3	1.19	3	0.87			81004
Fbxo7 protein	Q8K0A5	Q8K0A5	1	1.82							
Fbxw17 protein	Q8CFE8	Q8CFE8	1	1.31							
Fca/m receptor	Q9EQT7	Q9EQT7							1	0.54	
FERM, RhoGEF and pleckstrin domain protein 2	Q91VS8	Q91VS8	6	1.40	4	1.21			5	0.81	
Ferrochelatase, mitochondrial precursor (EC 4.99.1.1) (Protoheme ferro-lyase) (Heme	P22315	HEMH_MOUSE	1	1.94	3	1.79	2	0.85	2	1.17	14151
Fibrillin 1 precursor	Q61554	FBN1_MOUSE							1	1.87	14118
Fibrillin 2 precursor	Q61555	FBN2_MOUSE			1	1.00			2	0.33	14119
Fibroblast growth factor receptor 2 precursor (EC 2.7.1.112) (FGFR-2) (Keratinocyte g	P21803	FGFR2_MOUSE	2	1.10							14183
Fibronectin precursor (FN)	P11276	FINC_MOUSE	13	2.12	23	10.12	4	0.75	31	1.13	14268
Fibronectin type III domain containing protein 3a	Q8BX90	FNDC3_MOUSE							1	0.28	319448
Fibulin-1 precursor (Basement-membrane protein 90) (BM-90)	Q08879	FBLN1_MOUSE			1	0.50			1	1.06	14114
Fibulin-2 precursor	P37889	FBLN2_MOUSE	21	3.02	45	4.54	27	1.17	92	1.19	14115
Filamin A (Alpha-filamin) (Filamin 1) (Endothelial actin-binding protein) (Actin-binding	Q8BTM8	FLNA_MOUSE	122	1.45	114	5.37	70	1.42	73	5.24	192176
Filamin B (FLN-B) (Beta-filamin) (Actin-binding like protein) (ABP-280-like protein)	Q80X90	FLNB_MOUSE	76	1.52	73	1.21	29	1.55	30	1.38	286940
FK506 binding protein 10 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase)	Q61576	FKB10_MOUSE	11	1.38	6	1.45	1	1.92			14230
FK506 binding protein 14 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase)	P59024	FKB14_MOUSE	7	1.80	6	2.09	1	0.88			231997
FK506 binding protein 9 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (I	Q9Z247	FKBP9_MOUSE	2	1.24	2	1.03	1	0.81			27055
FK506-binding protein 1A (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (	P26883	FKB1A_MOUSE	5	2.35	4	1.68	4	2.65	1	2.13	14225
FK506-binding protein 2 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (I	P45878	FKBP2_MOUSE	3	1.09	3	0.97	1	1.70	2	0.92	14227
FK506-binding protein 3 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (F	Q62446	FKBP3_MOUSE	1	1.58	3	1.03					30795
FK506-binding protein 4 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (F	P30416	FKBP4_MOUSE	15	1.52	15	1.07	9	1.70	14	1.54	14228
FK506-binding protein 5 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (F	Q64378	FKBP5_MOUSE			2	0.40			3	0.74	14229
FK506-binding protein 7 precursor (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (I	O54998	FKBP7_MOUSE	2	1.16	1	1.25					14231
FL10 (Rqcd1 protein) (Rcd1 (Required for cell differentiation) homolog 1) (Mus muscu	Q9JKY0	Q9JKY0	2	1.62	1	1.97			2	1.58	
FLASH	Q9WUF3	Q9WUF3							1	0.30	
Flightless I protein homolog	Q9JJ28	FLII_MOUSE	1	0.95	3	1.45	2	1.43	2	1.01	
FLN29 gene product	Q8CFI8	Q8CFI8					1	0.85			
Flnc protein (Fragment)	Q6PAI6	Q6PAI6	8	1.29	6	0.88	6	1.26	3	0.63	
Flotillin-1	O08917	FLOT1_MOUSE	6	1.60	7	1.52	2	1.22	4	1.16	14251
Flt3-interacting zinc finger protein 1	Q9WTJ4	FIZ1_MOUSE			1	1.88			1	1.38	

Fmnl2 protein (Fragment)	Q80VH6	Q80VH6	1	0.85							
Follistatin precursor (FS) (Activin-binding protein)	P47931	FST_MOUSE	2	1.16	8	4.28			8	1.05	14313
Follistatin-related protein 1 precursor (Follistatin-like 1) (TGF-beta-inducible protein TS	Q62356	FSTL1_MOUSE			7	3.30	3	1.32	3	2.02	14314
Forkhead box protein K1 (Myocyte nuclear factor) (MNF)	P42128	FOXK1_MOUSE			1	2.00					17425
Formin binding protein 30	Q9JHC1	Q9JHC1	1	2.14	1	0.90			4	1.11	
Fragile X mental retardation syndrome related protein 1 homolog	Q61584	FXR1_MOUSE					1	1.34			14359
FRG1 protein	P97376	FRG1_MOUSE	2	1.47	2	1.78					14300
Frizzled 2 precursor (Frizzled-2) (Fz-2) (mFz2) (mFz10)	Q9JIP6	FZD2_MOUSE	7	1.51	5	1.11			6	0.68	57265
Frizzled 6 precursor (Frizzled-6) (Fz-6) (mFz6)	Q61089	FZD6_MOUSE							1	1.31	14368
Frizzled 8 precursor (Frizzled-8) (Fz-8) (mFz8)	Q61091	FZD8_MOUSE	1	1.57			1	0.59			14370
Fscn1 protein	Q7TN32	Q7TN32	3	1.77	4	1.68	3	1.17	2	0.91	
Furin precursor (EC 3.4.21.75) (Paired basic amino acid residue cleaving enzyme) (P/	P23188	FURIN_MOUSE			1	3.40			1	0.97	18550
FYVE and coiled-coil domain containing 1	Q8VDC1	Q8VDC1	1	1.78					1	4.88	
FYVE, RhoGEF and PH domain containing protein 2	Q8BY35	FGD2_MOUSE					1	2.63			
FYVE, RhoGEF and PH domain containing protein 3	O88842	FGD3_MOUSE							1	0.72	
G protein alpha i1 subunit (Fragment)	Q61018	Q61018	1	0.52	1	0.00					
G protein-coupled receptor GPR75 (G protein-coupled receptor 75)	Q6X632	Q6X632							1	0.21	
G1/S-specific cyclin D1	P25322	CCND1_MOUSE	1	3.34	2	0.85	2	3.18	3	1.82	12443
G1/S-specific cyclin D2	P30280	CCND2_MOUSE			1	0.08	1	2.17			12444
Galectin-1 (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac le	P16045	LEG1_MOUSE	46	1.94	37	1.81	19	1.37	21	1.49	16852
Galectin-8 (LGALS-8)	Q9JL15	LEG8_MOUSE					2	5.86			56048
Galectin-9	O08573	LEG9_MOUSE	6	1.61	2	1.30					16859
Gamma-tubulin complex component 2 (GCP-2)	Q921G8	GCP2_MOUSE	2	1.71	2	1.07			3	1.40	74237
GDNF family receptor alpha 2 precursor (GFR-alpha 2) (Neurturin receptor alpha) (NT	O08842	GFRA2_MOUSE	1	12.62	5	3.19	1	0.83	6	0.64	14586
GDP-fucose protein O-fucosyltransferase 1 precursor (EC 2.4.1.221) (Peptide-O-fuco	Q91ZW2	OFUT1_MOUSE	2	0.33							140484
GDP-mannose 4, 6-dehydratase (OTTMUSP00000000653)	Q8K0C9	Q8K0C9	3	1.76	4	1.34	1	1.66			
GDP-mannose pyrophosphorylase A	Q922H4	Q922H4	4	1.51	1	0.93			1	1.68	
Gelsolin precursor (Actin-depolymerizing factor) (ADF) (Brevin)	P13020	GELS_MOUSE	6	2.22	3	1.99	1	1.46	3	1.13	227753
Gem-associated protein 5 (Gemin5)	Q8BX17	GEMI5_MOUSE	2	1.08	5	0.99			1	1.65	216766
Gene model 1012	Q80WT4	Q80WT4							1	1.05	
Gene model 672	Q6PEE2	Q6PEE2					2	1.04	3	1.06	
Gene model 83	Q6PAC3	Q6PAC3	3	2.04							
Gene trap ankyrin repeat containing protein	Q99NH0	Q99NH0			1	1.02					
General transcription factor 3C polypeptide 1 (Transcription factor IIIC-alpha subunit)	Q8K284	TF3C1_MOUSE							1	1.90	233863
General transcription factor 3C polypeptide 2 (Transcription factor IIIC-beta subunit) (T	Q8BL74	TF3C2_MOUSE	3	3.79							71752
General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor IIIC-c	Q8BMQ2	TF3C4_MOUSE			1	0.72					269252
General transcription factor 3C polypeptide 5 (Transcription factor IIIC-epsilon subunit	Q8R2T8	TF3C5_MOUSE			1	1.35	1	1.03	1	0.57	70239
General transcription factor II-I (GTFII-I) (TFII-I) (Bruton tyrosine kinase-associated pr	Q9ESZ8	GTF2I_MOUSE			1	2.02					
GGA-binding partner	Q9D8L5	GGABP_MOUSE	2	0.70	1	0.46					
Glioma pathogenesis-related protein 1 precursor (GliPR 1)	Q9CWG1	GLIP1_MOUSE	1	2.30	3	17.14	4	0.99	6	0.91	
Glomulin (FKBP-associated protein) (FK506-binding protein-associated protein) (FAP	Q8BZM1	GLMN_MOUSE	5	1.54	3	1.12			1	1.38	170823
Glucocorticoid receptor (GR)	P06537	GCR_MOUSE			1	0.98					14815
Glucocorticoid receptor DNA binding factor 1 (Fragment)	Q91YM2	GRLF1_MOUSE	3	2.23	2	10.62					
Glucosamine 6-phosphate N-acetyltransferase (EC 2.3.1.4) (Phosphoglucosamine tra	Q9JK38	GNA1_MOUSE	2	2.36	1	0.33					54342
Glucosamine-6-phosphate isomerase (EC 3.5.99.6) (Glucosamine-6-phosphate deam	O88958	GNPI_MOUSE			1	1.24					26384
Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 (EC 2.6.1.16) (I	P47856	GFPT1_MOUSE	11	1.71	11	1.15	9	1.90	6	1.31	14583
Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2 (EC 2.6.1.16) (I	Q9Z2Z9	GFPT2_MOUSE	1	0.36							14584
Glucose-6-phosphate 1-dehydrogenase X (EC 1.1.1.49) (G6PD)	Q00612	G6P1_MOUSE	11	1.30	13	1.15	3	1.78	1	1.36	14381
Glucosidase II beta subunit precursor (Protein kinase C substrate, 60.1 kDa protein, h	O08795	GLU2B_MOUSE	2	1.44	3	1.60	2	2.52	2	1.36	19089
Glutamate [NMDA] receptor subunit 3B precursor (N-methyl-D-aspartate receptor sub	Q91ZU9	NMD3B_MOUSE			1	0.80					170483
Glutamate dehydrogenase 1, mitochondrial precursor (EC 1.4.1.3) (GDH)	P26443	DHE3_MOUSE	23	1.31	17	1.24	6	1.05	22	1.01	14661
Glutamate--cysteine ligase catalytic subunit (EC 6.3.2.2) (Gamma-glutamylcysteine sy	P97494	GSH1_MOUSE	3	1.52	1	0.92	2	1.86	2	1.51	14629
Glutamyl aminopeptidase (EC 3.4.11.7) (EAP) (Aminopeptidase A) (APA) (BP-1/6C3 a	P16406	AMPE_MOUSE	10	1.12	7	1.20	4	0.78	1	0.31	13809
Glutaryl-CoA dehydrogenase, mitochondrial precursor (EC 1.3.99.7) (GCD)	Q60759	GCDH_MOUSE	2	1.25	3	1.60	2	0.93			270076
Glutathione peroxidase (EC 1.11.1.9) (GSHPx-1) (Cellular glutathione peroxidase)	P11352	GPX1_MOUSE					1	1.05	1	3.57	14775
Glutathione reductase, mitochondrial precursor (EC 1.8.1.7) (GR) (GRase)	P47791	GSHR_MOUSE	3	1.43	2	2.43	2	2.41	3	2.01	14782
Glutathione S-transferase Mu 1 (EC 2.5.1.18) (GST class-mu 1) (Glutathione S-transf	P10649	GSTM1_MOUSE	2	1.70	1	1.54	4	1.55	2	1.29	14862
Glutathione S-transferase Mu 2 (EC 2.5.1.18) (GST class-mu 2) (Glutathione S-transf	P15626	GSTM2_MOUSE	6	1.62	2	0.57	1	0.58			14863
Glutathione S-transferase Mu 5 (EC 2.5.1.18) (GST class-mu 5) (Fibrous sheath com	P48774	GSTM5_MOUSE	3	2.19	2	2.69					14866
Glutathione transferase omega 1 (EC 2.5.1.18) (GSTO 1-1) (p28)	O09131	GSTO1_MOUSE	2	1.59	4	1.28	3	1.86	1	1.38	14873
Glycine amidinotransferase, mitochondrial precursor (EC 2.1.4.1) (L-arginine:glycine a	Q9D964	GATM_MOUSE	1	0.71	1	0.95	1	0.87			67092

Glycine receptor alpha 3 subunit	Q7TSQ2	Q7TSQ2	1	4.71							
Glycogen phosphorylase, brain form (EC 2.4.1.1)	Q8CI94	PHS3_MOUSE							3	1.46	110078
Glycogen synthase kinase-3 beta (EC 2.7.1.37) (GSK-3 beta)	Q9WV60	GSK3B_MOUSE	6	1.15					1	1.15	56637
Glycogenin-1 (EC 2.4.1.186)	Q9R062	GLYG_MOUSE			1	0.81	1	2.44			27357
Glycyl-tRNA synthetase (EC 6.1.1.14) (Glycine--tRNA ligase) (GlyRS)	Q9CZD3	SYG_MOUSE	7	2.92	4	1.99	2	0.92	5	1.32	353172
Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79)	Q91Z53	GRHPR_MOUSE	6	1.95	5	1.37	3	0.98			76238
Glypican-1 precursor	Q9QZF2	GPC1_MOUSE	8	1.43	10	1.29	2	1.30	3	0.82	
Glypican-4 precursor (K-glypican)	P51655	GPC4_MOUSE	18	2.51	14	2.85	4	0.75	4	0.80	14735
Gm169 protein	Q8R2R6	Q8R2R6	1	0.87							
GMP reductase 1 (EC 1.7.1.7) (Guanosine 5'-monophosphate oxidoreductase 1) (Gu	Q9DCZ1	GMPR1_MOUSE					1	0.54	2	1.21	66355
GMP reductase 2 (EC 1.7.1.7) (Guanosine 5'-monophosphate oxidoreductase 2) (Gu	Q99L27	GMPR2_MOUSE			1	7.79			1	1.43	105446
Gmps protein (Fragment)	Q66JZ6	Q66JZ6	4	1.95	4	1.25	3	0.89	1	2.18	
Golgb1 protein (Fragment)	Q8CGE5	Q8CGE5			1	3.84					
Golgi apparatus protein 1 precursor (Golgi sialoglycoprotein MG-160) (E-selectin ligar	Q61543	GSLG1_MOUSE	50	1.47	71	1.44	28	1.23	46	0.83	20340
Golgi autoantigen, golgin subfamily A member 2 (Golgi matrix protein GM130)	Q921M4	GOGA2_MOUSE	2	5.16	2	1.67	1	1.24	1	0.68	99412
Golgi autoantigen, golgin subfamily A member 3 (Golgin-160) (Male-enhanced antiger	P55937	GOGA3_MOUSE	3	0.54							269682
Golgi autoantigen, golgin subfamily A member 4 (tGolgin-1)	Q91VW5	GOGA4_MOUSE			1	0.75	1	1.14			54214
Golgi reassembly stacking protein 2 (GRS2) (Golgi reassembly stacking protein of 55	Q99JX3	GORS2_MOUSE	2	1.49	2	1.47					70231
Golgi resident protein GCP60 (Acyl-Coenzyme A binding domain containing 3) (Golgi	Q8BMP6	GCP60_MOUSE	1	2.56	1	1.20			3	0.90	170760
Golgi-specific brefeldin A-resistance factor 1	Q6DFZ1	Q6DFZ1	3	2.28	1	1.70					
GPI transamidase component PIG-T precursor (Phosphatidylinositol-glycan biosynthe	Q8BXQ2	PIGT_MOUSE			1	1.54					78928
GPI-anchored alpha-2 macroglobulin-related protein (CD109 antigen)	Q8R422	Q8R422	5	1.29	4	1.42	2	1.24	2	0.79	
G-protein coupled receptor 64 precursor (Epididymis-specific protein 6) (Me6 receptor	Q8CJ12	GPR64_MOUSE			1	4.85					237175
Granzyme C precursor (EC 3.4.21.-) (Cytotoxic cell protease 2) (CCP2) (B10)	P08882	GRAC_MOUSE			1	2.63					14940
GRIP and coiled-coil domain-containing protein 2 (Golgi coiled coil protein GCC185)	Q8CHG3	GCC2_MOUSE	2	0.86	3	0.74	2	1.18	5	0.99	70297
Growth arrest and DNA-damage-inducible protein GADD45 alpha (DNA-damage indu	P48316	GA45A_MOUSE	1	0.02							13197
Growth factor receptor-bound protein 14 (GRB14 adapter protein)	Q9JLM9	GRB14_MOUSE	1	1.07	4	1.45	1	1.01			50915
Growth factor receptor-bound protein 2 (GRB2 adapter protein) (SH2/SH3 adapter GF	Q60631	GRB2_MOUSE	2	1.08	2	0.99					14784
Growth-arrest-specific protein 6 precursor (GAS-6)	Q61592	GAS6_MOUSE			2	1.29			3	0.78	14456
Grp94 neighboring nucleotidase variant 3	Q692V3	Q692V3	1	1.65	1	1.02					
GrpE protein homolog 1, mitochondrial precursor (Mt-GrpE#1)	Q99LP6	GRPE1_MOUSE	5	1.13	6	1.02	4	1.03	1	0.78	17713
GTP cyclohydrolase I feedback regulatory protein (GFRP) (p35)	P99025	GFRP_MOUSE					1	1.27			
GTPase activating RapGAP domain-like 1 (GAP-related interacting partner to E12) (G	Q6GYP7	GRIPE_MOUSE	1	0.69							56784
GTP-binding protein	Q61635	Q61635	2	2.33	4	1.99	1	1.98	2	1.67	
GTP-binding protein SAR1b	Q9CQC9	SAR1B_MOUSE	3	1.55							66397
Guanine nucleotide exchange factor	Q91ZZ2	Q91ZZ2	1	2.94	1	0.41					
Guanine nucleotide release/exchange factor Ras-GRF2	P70392	P70392	1	2.17							
Guanine nucleotide-binding protein beta subunit 2-like 1 (Receptor of activated protei	P68040	GBLP_MOUSE	37	1.55	60	1.27	27	1.39	43	1.23	14694
Guanine nucleotide-binding protein beta subunit 4 (Transducin beta chain 4)	P29387	GBB4_MOUSE	1	22.39							14696
Guanine nucleotide-binding protein G(i), alpha-2 subunit (Adenylate cyclase-inhibiting	P08752	GNAI2_MOUSE	16	1.33	8	1.29	6	0.99	4	0.86	14678
Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-10 subunit	Q9CXP8	GBG10_MOUSE	2	2.07	4	1.41	3	1.22	3	0.96	14700
Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit	Q9DAS9	GBG12_MOUSE	2	1.72	3	0.76					14701
Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-5 subunit	Q80SZ7	GBG5_MOUSE	1	1.22	4	1.19	2	1.18	4	0.82	14707
Guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 1 (Transducin beta ch	P62874	GBB1_MOUSE	11	1.50	8	2.35	3	0.68	7	0.81	14688
Guanine nucleotide-binding protein G(I)/G(S)/G(T) beta subunit 2 (Transducin beta ch	P62880	GBB2_MOUSE	14	1.05	11	1.25	3	0.74	3	0.83	14693
Guanine nucleotide-binding protein G(k), alpha subunit (G(i) alpha-3)	Q9DC51	GNAI3_MOUSE	6	1.24	8	1.23	3	1.38	1	0.87	14679
Guanine nucleotide-binding protein, alpha-13 subunit (G alpha 13)	P27601	GNA13_MOUSE			1	0.99			1	0.72	14674
H-2 class I histocompatibility antigen, D-37 alpha chain precursor	P06339	HA15_MOUSE	2	0.85	1	1.35					15040
Haloacid dehalogenase-like hydrolase domain containing protein 4	Q9CPT3	HDHD4_MOUSE			1	3.87					67311
Hamartin	Q9EP53	Q9EP53	1	1.35					2	1.45	
HCV NS5A-transactivated protein 9 homolog	Q9CQX4	N5A9_MOUSE	1	1.44	1	1.30					68026
Hdac6 protein	Q8CGC3	Q8CGC3			1	0.99					
Heat shock 70 kDa protein 12B	Q9CZJ2	HS12B_MOUSE	1	1.39	2	3.15			1	1.55	72630
Heat shock 70 kDa protein 4L (Osmotic stress protein 94) (Heat shock 70-related prot	P48722	HS74L_MOUSE							2	1.48	18415
Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8)	P63017	HSP7C_MOUSE	2	1.10	2	0.66					15481
Heat shock factor protein 1 (HSF 1) (Heat shock transcription factor 1) (HSTF 1)	P38532	HSF1_MOUSE							1	0.85	15499
Heat shock protein 75 kDa, mitochondrial precursor (HSP 75) (Tumor necrosis factor	Q9CQN1	TRAP1_MOUSE	6	1.36	9	0.91	6	1.20	2	1.28	68015
Helicase DDX32	Q8VH39	Q8VH39					1	0.11	3	0.14	
Helicase with zinc finger domain	Q6DFV5	Q6DFV5	1	2.74			1	0.75			
Hematopoietic progenitor cell antigen CD34 precursor	Q64314	CD34_MOUSE	5	0.96	8	1.21	1	1.05	13	1.16	12490
Hematopoietic zinc finger protein	Q9QY68	Q9QY68	1	1.66					2	1.01	

Hematopoietic-specific IL-2 deubiquitinating enzyme	O55190	O55190					1	0.20			
Hepatitis B virus X interacting protein homolog (HBX-interacting protein) (HBV X intera	Q9D1L9	XIP_MOUSE	1	1.97	4	1.46	1	2.14	4	0.84	68576
Hepatocyte growth factor receptor precursor (EC 2.7.1.112) (Met proto-oncogene tyro	P16056	MET_MOUSE			1	0.09					17295
Hepatoma-derived growth factor (HDGF)	P51859	HDGF_MOUSE	1	1.15	3	1.47			2	1.41	15191
Hermansky-Pudlak syndrome 6 protein homolog (Ruby-eye protein) (Ru)	Q8BLY7	HPS6_MOUSE			1	3.37					20170
Herpesvirus-associated ubiquitin-specific protease	Q6A4J8	Q6A4J8			1	0.76	2	1.39			
Heterogeneous nuclear ribonucleoprotein D0 (hnRNP D0) (AU-rich element RNA-binc	Q60668	HNRPD_MOUSE	8	1.34	17	1.80	11	1.10	12	1.03	11991
Heterogeneous nuclear ribonucleoprotein H' (hnRNP H')	P70333	HNRH2_MOUSE	1	0.82	2	2.00					56258
Heterogeneous nuclear ribonucleoprotein K	P61979	HNRPK_MOUSE	9	1.93	9	2.11	6	1.10	5	1.18	15387
Heterogeneous nuclear ribonucleoprotein L (hnRNP L)	Q8R081	HNRPL_MOUSE	11	1.41	8	2.74	4	1.11	3	0.93	15388
Heterogeneous nuclear ribonucleoprotein L-like	Q921F4	HNRLL_MOUSE	5	1.38	4	5.56	6	2.04	4	0.98	
Heterogeneous nuclear ribonucleoprotein M (hnRNP M)	Q9D0E1	HNRPM_MOUSE	8	1.25	14	1.24	6	1.02	8	1.04	76936
Heterogeneous nuclear ribonucleoprotein Q (hnRNP Q) (hnRNP-Q) (Synaptotagmin b	Q7TMK9	HNRPQ_MOUSE	4	1.45	3	1.25	2	1.08	3	0.90	56403
Heterogenous nuclear ribonucleoprotein U	O88568	O88568	2	5.39	6	3.66			10	2.04	
Hexokinase type II (EC 2.7.1.1) (HK II)	O08528	HXK2_MOUSE	2	0.63	1	0.03	1	1.40	2	1.42	15277
Hic-5 (Tgfb1i1 protein) (Paxillin-like protein) (Transforming growth factor beta 1 induce	Q62219	Q62219	5	3.66	5	1.89	8	1.79	15	1.19	
High mobility group protein 1 (HMG-1) (High mobility group protein B1)	P63158	HMG1_MOUSE	18	24.16	16	1.75	29	1.41	29	1.54	15289
High mobility group protein 4 (HMG-4) (High mobility group protein 2a) (HMG-2a)	O54879	HMG4_MOUSE			1	0.21	1	0.69			15354
High-affinity cAMP-specific and IBMX-insensitive 3',5'-cyclic phosphodiesterase 8A (E	O88502	PDE8A_MOUSE			1	2.70			3	1.51	18584
Highwire	Q7TPH6	Q7TPH6	3	1.10	1	2.60	2	1.39	3	3.49	
Hippocalcin-like protein 1 (Visinin-like protein 3) (VILIP-3) (Neural visinin-like protein 3	P62748	HPCL1_MOUSE	2	0.98	2	0.43					53602
Histidine triad nucleotide-binding protein 1 (Adenosine 5'-monophosphoramidase) (Pr	P70349	HINT1_MOUSE	20	2.52	9	2.03	6	2.65	7	1.80	15254
Histidyl-tRNA synthetase-like	Q99KK9	Q99KK9	1	0.71	3	1.06			1	5.40	
Histocompatibility antigen 60 (Fragment)	O77968	O77968	1	2561.04							
Histone acetyltransferase type B subunit 2 (Retinoblastoma binding protein p46) (Reti	Q60973	RBBP7_MOUSE	3	1.38	3	1.17	2	0.69	1	1.41	245688
Histone deacetylase 1 (HD1)	O09106	HDAC1_MOUSE	1	1.53	2	1.16	1	1.05			15181
Histone deacetylase 8 (HD8)	Q8VH37	HDAC8_MOUSE	1	1.60							70315
Histone-arginine methyltransferase CARM1 (EC 2.1.1.125) (EC 2.1.1.-) (Protein argin	Q9WVG6	CARM1_MOUSE	12	1.83	9	0.97	4	1.42	5	1.03	
HIV TAT specific factor 1 (Mus musculus 7 days embryo whole body cDNA, RIKEN fu	Q8BGC0	Q8BGC0	1	1.92	1	0.75					
HIV-1 Rev binding protein-like protein (Rev/Rex activation domain binding protein-rela	Q80WC7	HRBL_MOUSE			2	3.14					231801
Hook homolog 1	Q8BIL5	HOOK1_MOUSE			1	0.16					77963
Host cell factor (HCF) (HCF-1) (C1 factor) [Contains: HCF N-terminal chain 1; HCF N-	Q61191	HCFC1_MOUSE	5	1.62	11	1.66	9	1.55	12	1.34	
HpaII tiny fragments locus 9c protein	Q8BNV1	HTF9C_MOUSE	1	2.43	2	2.49	3	1.21	3	1.99	15547
HS1 binding protein 3	Q9Z1K1	Q9Z1K1			1	1.27					
Hsc70-interacting protein (Hip) (Putative tumor suppressor ST13)	Q99L47	ST13_MOUSE	2	0.78	2	0.90					70356
Hsp105 protein	Q8VCW6	Q8VCW6	9	1.40	2	0.94			2	1.52	
Hsp70 binding protein (Hsp70-interacting protein) (Mus musculus 2 days neonate thyr	Q99P31	Q99P31	6	1.60	5	1.28	4	1.91	2	1.81	
Hsp90 co-chaperone Cdc37 (Hsp90 chaperone protein kinase-targeting subunit) (p50	Q61081	CDC37_MOUSE	7	0.95	6	0.34					12539
Hspa8 protein	Q6NZD0	Q6NZD0	1	0.81	1	0.98					
Huntingtin interacting protein 1	Q8VD75	Q8VD75	1	0.82	2	6.82					
Hydroxyacylglutathione hydrolase (EC 3.1.2.6) (Glyoxalase II) (Glx II)	Q99KB8	GLO2_MOUSE	1	3.60					2	1.77	14651
Hyou1 protein	Q80X75	Q80X75	9	1.13	11	1.02	6	1.09	7	0.93	
Hyperplastic discs protein	Q698K9	Q698K9	1	0.61					3	1.22	
Hypothetical gene supported by BC064115	Q6P3A2	Q6P3A2			1	0.05					
Hypothetical protein	O89002	O89002					1	0.51			
Hypothetical protein	Q5FWH9	Q5FWH9			1	1.15					
Hypothetical protein	Q5HZG9	Q5HZG9							1	0.96	
Hypothetical protein	Q5M8P2	Q5M8P2					1	12.58			
Hypothetical protein	Q5PR15	Q5PR15							1	0.06	
Hypothetical protein	Q5U471	Q5U471							2	0.87	
Hypothetical protein	Q640N2	Q640N2			1	1.22					
Hypothetical protein	Q6DI61	Q6DI61					1	1.22			
Hypothetical protein	Q6NVF9	Q6NVF9	4	1.86	4	1.64					
Hypothetical protein	Q6P1H6	Q6P1H6			1	0.85					
Hypothetical protein	Q6P4T2	Q6P4T2	5	1.31	5	2.21	3	1.09	3	1.20	
Hypothetical protein	Q6RUT6	Q6RUT6	1	1.82					1	0.92	
Hypothetical protein	Q80VD1	Q80VD1	6	1.35	6	1.46	3	1.36	8	1.22	
Hypothetical protein	Q9JJB4	Q9JJB4			1	2.83					
Hypothetical protein (Fragment)	Q640Q4	Q640Q4	6	1.43			2	1.75	3	1.26	
Hypothetical protein (Fragment)	Q6GQW1	Q6GQW1			1	3.07					
Hypothetical protein (Fragment)	Q6GQX8	Q6GQX8			1	3.31					

Hypothetical protein (Fragment)	Q6PD20	Q6PD20			1	0.83					
Hypothetical protein (Fragment)	Q80ZY6	Q80ZY6			1	6.93			1	0.79	
Hypothetical protein (Fragment)	Q99JH3	Q99JH3	2	1.06	1	1.27					
Hypothetical protein (ORF19 protein) (Mus musculus adult male cecum cDNA, RIKEN	Q8VDD8	Q8VDD8	3	1.16			1	0.88			
Hypothetical protein 2310044P18Rik	Q99JS9	Q99JS9			1	7.22					
Hypothetical protein 4832420M10	Q7TNC6	Q7TNC6	1	0.99							
Hypothetical protein 4933424B01Rik	Q8QZV7	Q8QZV7							2	1.75	
Hypothetical protein AI413631	Q8R3Q6	Q8R3Q6	2	1.14	4	1.07					
Hypothetical protein AI842788	Q6PDY0	Q6PDY0	1	1.58	2	1.05	1	3.30			
Hypothetical protein BC008103	Q922H6	Q922H6	3	1.24	3	1.28	2	1.67			
Hypothetical protein BC009118	Q91VT4	Q91VT4			3	1.29	1	0.84			
Hypothetical protein BC031901 (Mus musculus 12 days embryo eyeball cDNA, RIKEI	Q8K0B3	Q8K0B3			1	28.65					
Hypothetical protein BC049816	Q810K9	Q810K9	7	2.22	2	1.12	1	1.72	4	0.82	
Hypothetical protein BC051080	Q80XE1	Q80XE1			1	1.79					
Hypothetical protein BC055368	Q7TPC3	Q7TPC3	10	1.19	9	1.43	5	1.62	5	0.98	
Hypothetical protein C030036P15Rik	Q8BQM4	YP01_MOUSE			1	2.17	1	2.28			234549
Hypothetical protein C14orf39 homolog	Q9CTN5	CN039_MOUSE			1	1.21					75801
Hypothetical protein D10Wsu52e (P55)	Q99LF4	Q99LF4	5	1.72	4	1.31					
Hypothetical protein LE51	Q76K68	Q76K68	1	11.09							
Hypothetical protein MGC6357	Q921T2	Q921T2	1	1.11							
Hypothetical protein MGC65590	Q5RKU3	Q5RKU3			1	2.01					
Hypothetical protein P4(21)n (Fragment)	Q9R0X1	Q9R0X1							1	0.02	
Hypothetical UPF0195 protein CGI-128 homolog	Q9D187	CGC8_MOUSE	1	1.97							68523
Igsf8 protein (Fragment)	Q8R366	Q8R366	1	6.24							
IL-13 receptor alpha 2 (Interleukin 13 receptor, alpha 2)	O88786	O88786			1	5.76					
Impact protein	O55091	O55091			1	1.33	2	1.81			
Importin 13 (Imp13)	Q8K0C1	IPO13_MOUSE	1	1.95	1	2.45					230673
Importin 4 (Importin 4a) (Imp4a) (Ran-binding protein 4) (RanBP4)	Q8VI75	IPO4_MOUSE	11	1.31	6	1.84	4	2.01	5	1.32	75751
Importin 7 (Imp7) (Ran-binding protein 7) (RanBP7)	Q9EPL8	IPO7_MOUSE	5	1.32	5	1.62			3	1.53	233726
Importin 8 (Imp8) (Ran-binding protein 8) (RanBP8)	Q7TMY7	IPO8_MOUSE	1	1.75							320727
Importin 9 (Importin 9a) (Imp9a) (Importin 9b) (Imp9b) (Ran-binding protein 9) (RanBI	Q91YE6	IPO9_MOUSE	4	1.89	3	1.09	2	2.09	2	1.18	226432
Importin alpha-1 subunit (Karyopherin alpha-1 subunit) (SRP1-beta) (RAG cohort prot	Q60960	IMA1_MOUSE			1	1.41			3	1.11	16646
Importin alpha-2 subunit (Karyopherin alpha-2 subunit) (SRP1-alpha) (RAG cohort pro	P52293	IMA2_MOUSE	4	1.66	5	1.47	2	2.30	2	1.49	16647
Importin alpha-3 subunit (Karyopherin alpha-3 subunit) (Importin alpha Q2)	O35344	IMA3_MOUSE	2	1.17							16648
Importin alpha-4 subunit (Karyopherin alpha-4 subunit) (Importin alpha Q1)	O35343	IMA4_MOUSE	3	1.07	2	1.59	1	0.57	2	1.37	16649
Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Pore targe	P70168	IMB1_MOUSE	16	1.46	10	1.13	8	1.78	20	1.26	16211
Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5)	Q8BKC5	IMB3_MOUSE	13	1.32	4	1.06	4	2.70	3	1.70	70572
Importin-alpha re-exporter (Chromosome segregation 1-like protein) (Cellular apoptos	Q9ERK4	CSE1_MOUSE	8	1.04	5	1.15	2	2.64	2	1.17	110750
Inhibitor of kappa light polypeptide enhancer in B-cells, kinase complex-associated pr	Q7TT37	Q7TT37	1	1.53							
Inhibitor of nuclear factor kappa B kinase beta subunit (EC 2.7.1.37) (I-kappa-B-kinas	O88351	IKKB_MOUSE							1	0.99	16150
Inhibitor of nuclear factor kappa-B kinase alpha subunit (EC 2.7.1.-) (I kappa-B kinase	Q60680	IKKA_MOUSE			1	5.33			2	1.67	12675
Inner membrane protein OXA1L, mitochondrial precursor (Oxidase assembly 1-like pr	Q8BGA9	OXA1L_MOUSE	2	1.35	1	1.73	2	1.02	1	0.69	69089
Inorganic pyrophosphatase (EC 3.6.1.1) (Pyrophosphate phospho-hydrolase) (PPase	Q9D819	IPYR_MOUSE			2	4.80	1	1.17	5	2.60	67895
Inorganic pyrophosphatase 2, mitochondrial precursor (EC 3.6.1.1) (PPase 2)	Q91VM9	IPYR2_MOUSE	2	1.33	3	5.30	1	1.04	10	1.36	74776
Inosine triphosphate pyrophosphatase (EC 3.6.1.19) (ITPase) (Inosine triphosphatase	Q9D892	ITPA_MOUSE	2	1.94			2	1.00			16434
Inosine-5'-monophosphate dehydrogenase 1 (EC 1.1.1.205) (IMP dehydrogenase 1) (	P50096	IMD1_MOUSE	1	1.09							23917
Inosine-5'-monophosphate dehydrogenase 2 (EC 1.1.1.205) (IMP dehydrogenase 2) (	P24547	IMD2_MOUSE	7	1.32	8	0.89	1	4.88	3	1.63	23918
Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate recep	P11881	ITPR1_MOUSE	1	0.53							16438
Inositol polyphosphate 1-phosphatase (EC 3.1.3.57) (IPPase) (IPP)	P49442	INPP_MOUSE	1	0.85	1	1.51					16329
Inositol polyphosphate phosphatase-like 1	Q6P549	Q6P549	1	1.37							
Insulin receptor precursor (EC 2.7.1.112) (IR)	P15208	INSR_MOUSE	2	0.78	1	0.71					16337
Insulin receptor substrate-1	P35569	IRS1_MOUSE	2	1.37	6	0.96	4	1.97	5	1.76	16367
Insulin-like growth factor binding protein 4 precursor (IGFBP-4) (IBP-4) (IGF-binding p	P47879	IBP4_MOUSE			2	2.56			2	0.84	16010
Insulin-like growth factor binding protein 6 precursor (IGFBP-6) (IBP-6) (IGF-binding p	P47880	IBP6_MOUSE							2	1.85	16012
Insulin-like growth factor binding protein 7 precursor (IGFBP-7) (IBP-7) (IGF-binding p	Q61581	IBP7_MOUSE							2	0.83	29817
Insulin-like growth factor I receptor precursor (EC 2.7.1.112)	Q60751	IGF1R_MOUSE	2	1.50	4	4.23	2	0.81	6	1.52	16001
Insulin-like growth factor II precursor (Multiplication stimulating polypeptide) (IGF-II)	P09535	IGF2_MOUSE							1	1.41	16002
Integrin alpha-3 precursor (Galactoprotein B3) (GAPB3) (VLA-3 alpha chain) (CD49c)	Q62470	ITA3_MOUSE	2	1.28	1	0.64	3	1.86	1	1.31	16400
Integrin alpha-V precursor (Vitronectin receptor alpha subunit) (CD51 antigen)	P43406	ITAV_MOUSE	7	1.65	11	1.64	4	1.52	11	1.01	16410
Integrin associated protein precursor (CD47 precursor) (CD47 antigen)	Q61735	Q61735					2	1.63	1	1.65	
Integrin beta-1 precursor (Fibronectin receptor beta subunit) (CD29 antigen) (Integrin	P09055	ITB1_MOUSE	22	1.33	25	1.89	14	1.42	25	1.39	16412

Integrin beta-3 precursor (Platelet membrane glycoprotein IIIa) (GPIIIa) (CD61 antiger	O54890	ITB3_MOUSE	1	1.02			2	1.70	1	1.15	16416
Integrin-linked kinase-associated serine/threonine phosphatase 2C	Q8R0F6	Q8R0F6	4	1.48	2	1.81	1	0.79	2	1.43	
Integrin-linked protein kinase (EC 2.7.1.37)	O55222	ILK_MOUSE	1	0.75							16202
Intercellular adhesion molecule-1 precursor (ICAM-1) (MALA-2)	P13597	ICAM1_MOUSE			1	8.50					15894
Interferon regulatory factor 3 (IRF-3)	P70671	IRF3_MOUSE	2	1.86	2	1.82					54131
Interferon regulatory factor 6 (IRF-6)	P97431	IRF6_MOUSE							1	1.27	54139
Interferon-g induced GTPase	Q9Z1M2	Q9Z1M2							2	0.48	
Interferon-induced 35 kDa protein homolog (IFP 35)	Q9D8C4	IN35_MOUSE							3	1.22	70110
Interferon-induced guanylate-binding protein 2 (GTP-binding protein 2) (Guanine nucl	Q9Z0E6	GBP2_MOUSE	1	1.78	2	1.05	1	1.08	2	0.42	14469
Interleukin-1 receptor, type I precursor (IL-1R-1) (P80)	P13504	IL1R1_MOUSE	2	0.16							16177
Interleukin-1 receptor-like 1 precursor (ST2 protein) (T1 protein) (Lymphocyte antigen	P14719	ILRL1_MOUSE			2	0.79					17082
Interleukin-17B precursor (IL-17B) (Cytokine-like protein ZCYTO7) (Neuronal interleul	Q9QXT6	IL17B_MOUSE	1	1.05							56069
Interleukin-4 precursor (IL-4) (B-cell stimulatory factor 1) (BSF-1) (Lymphocyte stimul	P07750	IL4_MOUSE			1	1.53					16189
Intersectin 1 isoform 11 (Fragment)	Q6J1T0	Q6J1T0							1	16.76	
Intersectin 2 (SH3 domain-containing protein 1B) (EH and SH3 domains protein 2) (EI	Q9Z0R6	ITSN2_MOUSE	1	0.27							20403
Iqsec1 protein (Fragment)	Q8R0S2	Q8R0S2			1	1.61			2	1.45	
Iron-responsive element binding protein 1 (IRE-BP 1) (Iron regulatory protein 1) (IRP1	P28271	IREB1_MOUSE					1	1.30	1	1.87	11428
Islr protein	Q6GU68	Q6GU68			2	1.33	1	3.11	1	0.88	
Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.4	P70404	IDH3G_MOUSE	6	1.56	5	1.68	2	1.03	5	0.91	15929
Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS)	Q8BU30	SYI_MOUSE	9	1.60	5	1.28	3	1.52	8	1.49	105148
Isopentenyl-diphosphate delta-isomerase 1 (EC 5.3.3.2) (IPP isomerase 1) (Isopenter	P58044	IDI1_MOUSE	2	1.00	5	5.52			6	2.43	319554
Itpr5 protein (Fragment)	Q8R3B0	Q8R3B0	1	0.99							
Jagged 1 precursor (Jagged1)	Q9QXX0	JAG1_MOUSE							2	1.19	16449
JKTBP (Heterogeneous nuclear ribonucleoprotein D-like)	Q9Z130	Q9Z130	5	1.34	7	2.42	3	1.05	4	0.61	
Jumonji protein (Jumonji/ARID domain-containing protein 2)	Q62315	JARD2_MOUSE					1	1.61			16468
Kcmf1 protein	Q80UY2	Q80UY2	3	2.19					3	1.19	
Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor-7) (FGF-7) (HBG	P36363	FGF7_MOUSE	1	2.18	2	1.43			3	0.79	14178
Ki-67 protein	Q61769	Q61769	1	2.16	1	1.62			2	1.61	
Kidney and liver proline oxidase 1 (Fragment)	Q9QX62	Q9QX62	1	0.37							
Kif14 protein (Fragment)	Q7TQJ9	Q7TQJ9							1	4.15	
Kinesin family member 11	Q6P9P6	Q6P9P6	1	2.00					1	2.22	
Kinesin family member 21A	Q9QXL2	KI21A_MOUSE	3	1.32					4	1.23	16564
Kinesin heavy chain (Ubiquitous kinesin heavy chain) (UKHC)	Q61768	KINH_MOUSE	6	1.51	2	2.75	2	1.16			16573
Kinesin-like 7	Q6P9L6	Q6P9L6							1	0.52	
Kinesin-like protein KIF1B	Q60575	KIF1B_MOUSE	1	1.38							16561
Lactadherin precursor (Milk fat globule-EGF factor 8) (MFG-E8) (MFGM) (Sperm surfa	P21956	MFGM_MOUSE							5	1.60	17304
Lactation elevated 1	Q8K1E9	Q8K1E9			1	6.08					
LAG1 longevity assurance homolog 5 (Translocating chain-associating membrane pro	Q9D6K9	LASS5_MOUSE	2	1.31	1	2.17			3	1.19	71949
LALP1	Q9ET10	Q9ET10			1	0.09	1	0.08			
Laminin alpha-4 chain precursor	P97927	LAMA4_MOUSE			1	2.85	2	0.49	2	0.75	16775
Laminin beta-1 chain precursor (Laminin B1 chain)	P02469	LAMB1_MOUSE	9	1.79	14	2.41	4	1.11	23	1.25	16777
Laminin gamma-1 chain precursor (Laminin B2 chain)	P02468	LAMC1_MOUSE	1	0.11	3	2.81			6	1.45	226519
Laminin, beta 2	Q8R0Y0	Q8R0Y0			3	1.45	2	1.24	2	0.47	
LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40)	O89112	LANC1_MOUSE	2	1.83	4	1.34	2	1.00	3	1.09	14768
LanC-like protein 2 (Testis-specific adriamycin sensitivity protein)	Q9JJK2	LANC2_MOUSE	1	2.78	4	1.47	1	1.62	4	1.13	71835
Lanosterol synthase (EC 5.4.99.7) (Oxidosqualene--lanosterol cyclase) (2,3-epoxysqu	Q8BLN5	ERG7_MOUSE	3	1.17	4	0.97	1	1.92			
LAP2 protein (Erbb2-interacting protein) (Erbin) (Densin-180-like protein)	Q80TH2	LAP2_MOUSE	1	0.79	7	1.24	2	0.69	5	0.67	59079
LAP4 protein (Scribble homolog protein)	Q80U72	LAP4_MOUSE	2	1.02							105782
Large proline-rich protein BAT3 (HLA-B-associated transcript 3)	Q9Z1R2	Q9Z1R2	1	1.09	3	0.98					
Las1l protein	Q8K277	Q8K277							3	1.56	
Late endosomal/lysosomal Mp1 interacting protein (p14)	Q9JHS3	LM1P_MOUSE	1	1.67							83409
Latent transforming growth factor beta binding protein, isoform 1S precursor (LTBP-1)	Q8CG18	LTB1S_MOUSE			3	1.96	2	2.63	3	1.45	268977
Latent transforming growth factor-beta-binding protein 2 precursor (LTBP-2)	O08999	LTBP2_MOUSE							1	1.29	16997
Latexin	P70202	LXN_MOUSE	3	2.42							
Latrophilin 1	Q5U4D5	Q5U4D5							1	0.53	
Latrophilin 2 (Calcium-independent alpha-latrotoxin receptor 2) (Fragment)	Q8JZZ7	LPHN2_MOUSE	2	0.85	3	1.79			1	0.47	99633
Lectin lambda	Q64449	Q64449	36	1.33	25	1.17	25	1.16	24	1.06	
Left-right dynein	Q9QZH1	Q9QZH1	1	1.11							
Legumain precursor (EC 3.4.22.34) (Asparaginyl endopeptidase) (Protease, cysteine	O89017	LGMN_MOUSE	1	0.98							19141
Leprecan-like 1 protein	Q8CG71	Q8CG71	1	7.44	1	4.06			2	1.21	
Leprecan-like protein 2 (Prolyl 3-hydroxylase 3)	Q8CG70	Q8CG70	18	1.43	20	1.65	11	1.10	19	1.05	

Leucine zipper putative tumor suppressor 1 (F37/Esophageal cancer-related gene-co	P60853	LZTS1_MOUSE	1	98.96							211134
Leucine-rich and immunoglobulin-like domains 3	Q6P1C6	Q6P1C6	1	0.84							
Leucine-rich glioma-inactivated protein 1 precursor	Q9JIA1	LGI1_MOUSE			1	27.00	1	60.42	1	2.90	56839
Leucine-rich PPR motif-containing protein	Q6PB66	Q6PB66	1	1.21							
Leucine-rich repeat and fibronectin type III domain containing protein 5 precursor	Q8BXA0	LRFN5_MOUSE	1	1.31							238205
Leucine-rich repeat containing protein 3 precursor	P59034	LRRC3_MOUSE							1	0.46	237387
Leucine-rich repeat kinase 2	Q5S006	Q5S006	2	1.48					1	1.21	
Leucine-rich repeat-containing protein 2	Q8VDB8	LRRC2_MOUSE	1	1.89							74249
Leucine-rich repeat-containing protein 5 precursor	Q8BGR2	LRRC5_MOUSE	1	1.11	1	1.38			2	2.05	231549
Leucine-rich repeat-containing protein 8	Q80WG5	LRRC8_MOUSE					1	2.13			241296
Leucine-rich repeats and calponin homology domain containing protein 1 (Calponin h	P62046	LRCH1_MOUSE	2	1.97	1	1.11					380916
Leucine-rich repeats and calponin homology domain containing protein 4	Q921G6	LRCH4_MOUSE			1	1.56					231798
Leucine-zipper-like transcriptional regulator 1 (LZTR-1)	Q9CQ33	LZTR1_MOUSE			1	0.16					66863
Leukemia associated gene protein	Q9EPX7	Q9EPX7					1	1.80			
Leukemia inhibitory factor receptor precursor (LIF-R) (D-factor/LIF receptor)	P42703	LIFR_MOUSE	2	0.81	3	1.01	1	0.88			16880
Leukotriene A-4 hydrolase (EC 3.3.2.6) (LTA-4 hydrolase) (Leukotriene A(4) hydrolas	P24527	LKHA4_MOUSE	7	2.59	3	1.85	7	1.52			16993
LIM and cysteine-rich domains protein 1	Q8VEE1	LMCD1_MOUSE			1	1.72			1	1.15	30937
LIM and senescent cell antigen like domains 2 (PINCH2 protein)	Q91XD2	Q91XD2							1	1.11	
LIM and SH3 domain protein 1 (LASP-1) (MLN 50)	Q61792	LASP1_MOUSE	1	10.34	4	10.45			6	1.55	16796
LIM domains containing protein 1	Q9QXD8	LIMD1_MOUSE			1	7.83			2	1.56	29806
LIM homeobox transcription factor 1 alpha (LIM/homeobox protein LMX1A) (LIM-hom	Q9JKU8	LMX1A_MOUSE							1	7.61	110648
LIN-7 homolog C (LIN-7C) (mLin7C) (Mammalian LIN-seven protein 3) (MALS-3) (Ver	O88952	LIN7C_MOUSE	3	0.92	2	0.70					22343
Lipid phosphate phosphohydrolase 1 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2a	Q61469	LPP1_MOUSE	5	0.96	3	1.41	1	0.78	2	0.71	19012
Lipid phosphate phosphohydrolase 3 (EC 3.1.3.4) (Phosphatidic acid phosphatase 2b	Q99JY8	LPP3_MOUSE	2	1.21	4	2.09	1	1.41	5	1.00	67916
Lipoic acid synthetase, mitochondrial precursor (Lip-syn) (Lipoate synthase) (mLIP1)	Q99M04	LIAS_MOUSE					1	0.19			79464
Lipoprotein lipase precursor (EC 3.1.1.34) (LPL)	P11152	LIPL_MOUSE			1	0.47					16956
Lipoprotein receptor-related protein	Q91ZX7	Q91ZX7	1	2.91	7	2.81	2	0.93	11	1.30	
Lipoyltransferase 1, mitochondrial precursor (EC 6.-.-.-) (Lipoate-protein ligase) (Lipoa	Q8VCM4	LIPB_MOUSE							1	0.64	
Liprin-beta 1 (Protein tyrosine phosphatase receptor type f polypeptide-interacting pro	Q8C8U0	LIPB1_MOUSE	5	1.04							67533
L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-I	P06151	LDHA_MOUSE	1	2.35			2	4.73			16828
L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H)	P16125	LDHB_MOUSE	3	1.75							16832
LOC235779 protein	Q66JP4	Q66JP4							1	2.38	
LOC433702 protein (Fragment)	Q7TNE8	Q7TNE8	3	1.19	1	3.01			3	1.06	
Long-chain-fatty-acid--CoA ligase 1 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 1)	P41216	ACSL1_MOUSE	1	0.67	1	0.79					14081
Long-chain-fatty-acid--CoA ligase 5 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 5)	Q8JZR0	ACSL5_MOUSE	6	1.06	6	1.07	3	1.05	2	1.11	433256
Low molecular weight phosphotyrosine protein phosphatase (EC 3.1.3.48) (LMW-PTP	Q9D358	PPAC_MOUSE							2	1.26	11431
Low-affinity cationic amino acid transporter-2 (CAT-2) (CAT2) (TEA protein) (T-cell ea	P18581	CTR2_MOUSE	1	6.44							11988
Low-density lipoprotein receptor precursor (LDL receptor)	P35951	LDLR_MOUSE	1	2.60	2	2.27			3	1.53	16835
Low-density lipoprotein receptor-related protein 10 precursor	Q7TQH7	LRP10_MOUSE	1	10.29							65107
Low-density lipoprotein receptor-related protein 5 precursor (LRP7) (Lr3)	Q91VN0	LRP5_MOUSE							2	0.91	16973
Low-density lipoprotein receptor-related protein 6 precursor	O88572	LRP6_MOUSE	2	1.07	4	1.68			9	1.00	16974
Lrrc20 protein	Q8CI70	Q8CI70							1	0.86	
Lung carbonyl reductase [NADPH] (EC 1.1.1.184) (NADPH-dependent carbonyl reduc	P08074	CBR2_MOUSE	11	2.03	10	2.55	6	1.02	6	1.07	12409
L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase)	Q91X52	DCXR_MOUSE	2	1.70	2	1.06					67880
Ly6g5b protein	Q8K1T4	Q8K1T4							1	0.18	
Lymphocyte antigen 75 precursor (DEC-205) (CD205 antigen)	Q60767	LY75_MOUSE	9	1.41	8	1.10	4	0.96	3	3.84	17076
Lymphocyte antigen 96 precursor (MD-2 protein) (ESOP-1)	Q9JHF9	LY96_MOUSE							1	4.24	17087
Lymphocyte antigen Ly-6A.2/Ly-6E.1 precursor (T-cell-activating protein) (TAP)	P05533	LY6A_MOUSE					1	2.13	2	2.44	110454
Lymphocyte specific helicase (Proliferation associated SNF2-like protein)	Q60848	Q60848							1	3.48	
Lymphoid-restricted membrane protein	Q60664	Q60664					1	0.88			
Lysine-specific histone demethylase 1 (EC 1.-.-.-) (Amine oxidase flavin containing do	Q6ZQ88	LSD1_MOUSE	4	1.81	3	1.83			2	0.93	99982
Lysophosphatidic acid acyltransferase-delta (1-acylglycerol-3-phosphate O-acyltransf	Q8K4X7	Q8K4X7	9	1.41	10	1.24	4	1.11	6	0.81	
Lysosomal acid phosphatase precursor (EC 3.1.3.2) (LAP)	P24638	PPAL_MOUSE	10	1.39	9	1.24	3	0.78	4	0.95	11432
Lysosomal alpha-glucosidase precursor (EC 3.2.1.20) (Acid maltase)	P70699	LYAG_MOUSE	4	1.99	3	5.16	2	1.10	2	0.34	14387
Lysosomal alpha-mannosidase precursor (EC 3.2.1.24) (Mannosidase, alpha B) (Lys	O09159	MA2B1_MOUSE	1	7.25					2	0.56	17159
Lysosomal protective protein precursor (EC 3.4.16.5) (Cathepsin A) (Carboxypeptidas	P16675	PPGB_MOUSE	5	1.05	6	1.50	2	1.03	14	1.10	19025
Lysosome membrane protein II (LIMP II) (Scavenger receptor class B, member 2) (85	O35114	SCRB2_MOUSE	5	1.19	7	1.32			2	0.76	12492
Lysyl oxidase homolog 3 precursor (EC 1.4.3.-) (Lysyl oxidase-like protein 3) (Lysyl o	Q9Z175	LOXL3_MOUSE			1	1.21					16950
Macrophage colony stimulating factor-1 precursor (CSF-1) (MCSF)	P07141	CSF1_MOUSE	1	0.62	2	3.25					12977
Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2	P34884	MIF_MOUSE	12	2.94	16	1.52	4	2.03	7	1.41	17319
Macrophage scavenger receptor 2 (Fc receptor-like protein 2 scavenger isoform)	Q91YK7	Q91YK7							1	0.31	

MAD2L1 binding protein	Q9DCX1	MD2BP_MOUSE	2	1.14							66591
MADP-1 protein (2700088M22Rik protein)	Q9CZ96	Q9CZ96			1	11.83			1	2.02	
Malate dehydrogenase 2, NAD (Mitochondrial)	Q8R1P0	Q8R1P0	4	1.49	6	1.01	3	1.08	5	1.09	
Male-specific lethal 3-like 1 (MSL3-like 1) (Male-specific lethal-3 homolog 1)	Q9WVG9	MS3L1_MOUSE	1	6.64							17692
Malonyl CoA-acyl carrier protein transacylase (EC 2.3.1.39) (MCT) (Mitochondrial mal	Q8R3F5	FABD_MOUSE							1	9.10	223722
Mama protein (Mus musculus adult male aorta and vein cDNA, RIKEN full-length enri	Q07797	Q07797	2	1.42	5	1.41	4	1.02	2	0.74	
Mannosyl-oligosaccharide glucosidase (EC 3.2.1.106) (Glycoprotein processing gluco	Q80UM7	GCS1_MOUSE	3	1.15	2	1.31	2	0.91	2	0.75	57377
MARVEL (Membrane-associating) domain containing 1	Q7TQJ1	Q7TQJ1	1	1.27	1	1.02					
Matrix Gla-protein precursor (MGP)	P19788	MGP_MOUSE	1	2.35	2	1.10					17313
Matrix metalloproteinase-14 precursor (EC 3.4.24.80) (MMP-14) (Membrane-type mat	P53690	MMP14_MOUSE	2	1.55			2	0.83			17387
MBB1 protein	Q8CHK3	Q8CHK3	1	1.51	2	2.16			5	1.05	
Mbc2 protein	Q91X62	Q91X62	2	0.79	3	1.01					
MBD2-interacting zinc finger protein (Methyl-CpG-binding protein 2-interacting zinc fin	Q8K1K9	MIZF_MOUSE			1	0.29					102423
MBLVR (Ap3d1 protein) (Adaptor-related protein complex 3, delta 1 subunit)	O54774	O54774	4	1.11	5	1.10			6	1.66	
Mediator of DNA damage checkpoint 1	Q5PSV9	Q5PSV9	1	1.23							
Membrane copper amine oxidase (EC 1.4.3.6) (Vascular adhesion protein-1) (VAP-1)	O70423	AOC3_MOUSE							1	0.41	11754
Membrane-associated guanylate kinase-related MAGI-3	Q9EQJ9	Q9EQJ9			1	1.49			1	1.06	
Membrane-associated phosphatidylinositol transfer protein (Phosphatidylinositol mem	O35954	O35954			1	1.68					
Mesoderm development candidate 1	Q9ERE8	MESD1_MOUSE							1	5.92	80889
Metalloproteinase inhibitor 1 precursor (TIMP-1) (Erythroid potentiating activity) (EPA)	P12032	TIMP1_MOUSE	2	3.81	2	1.89	1	13.01	2	2.19	21857
Metalloproteinase inhibitor 3 precursor (TIMP-3) (Tissue inhibitor of metalloproteinase	P39876	TIMP3_MOUSE			3	6.37	1	1.27	5	0.86	21859
Metallothionein-II (MT-II)	P02798	MT2_MOUSE	1	3.67	1	4.01	2	2.80	2	3.12	17750
Metaxin 1	P47802	MTX1_MOUSE			1	2.69	1	2.31	1	3.68	17827
Methionine aminopeptidase 1 (EC 3.4.11.18) (MetAP 1) (MAP 1) (Peptidase M 1)	Q8BP48	AMPM1_MOUSE	1	2.33	5	1.75			7	1.31	75624
Methionine aminopeptidase 2 (EC 3.4.11.18) (MetAP 2) (Peptidase M 2) (Initiation fac	O08663	AMPM2_MOUSE	10	1.41	8	1.30	5	0.83	3	0.81	56307
Methionine-tRNA synthetase	Q68FL6	Q68FL6	12	1.89	8	1.12	7	1.20	11	1.07	
Methylated-DNA--protein-cysteine methyltransferase (EC 2.1.1.63) (6-O-methylguanir	P26187	MGMT_MOUSE	1	7.60	2	1.87					17314
Methyl-CpG-binding domain protein 3 (Methyl-CpG binding protein MBD3)	Q9Z2D8	MBD3_MOUSE	1	0.78	1	0.11					17192
Methylcrotonoyl-CoA carboxylase alpha chain, mitochondrial precursor (EC 6.4.1.4) (3	Q99MR8	MCCA_MOUSE	5	3.17	5	1.57	1	0.63	2	0.92	72039
Methylmalonyl-CoA mutase, mitochondrial precursor (EC 5.4.99.2) (MCM)	P16332	MUTA_MOUSE					1	1.30	2	0.62	17850
Methylosome protein 50 (MEP50 protein)	Q99J09	MEP50_MOUSE	4	1.76	3	1.35			2	1.95	70465
Methyltransferase-like protein 2 (EC 2.1.1.-)	Q8BMK1	METL2_MOUSE							1	0.35	52686
Mevalonate kinase (EC 2.7.1.36) (MK)	Q9R008	KIME_MOUSE	2	2.64	1	1.15					17855
MFLJ00070 protein (Fragment)	Q6KAT1	Q6KAT1	1	1.88	3	3.00			3	0.84	
MFLJ00147 protein (Fragment)	Q6KAR9	Q6KAR9	1	0.93	1	0.81					
Microsomal triglyceride transfer protein large subunit precursor	O08601	MTP_MOUSE			2	0.93	1	0.56	1	0.84	17777
Microtubule-actin crosslinking factor 1 (Actin cross-linking family 7)	Q9QXZ0	MACF1_MOUSE			1	1.12					11426
Microtubule-associated protein 1B (MAP 1B) (MAP1.2) (MAP1(X)) [Contains: MAP1 li	P14873	MAP1B_MOUSE	3	1.29	3	1.23	1	2.51	1	23.10	17755
Microtubule-associated protein 4 (Fragment)	Q60638	Q60638					1	0.33			
Microtubule-associated protein RP/EB family member 1 (APC-binding protein EB1) (E	Q61166	MARE1_MOUSE	2	6.06					2	3.19	
Mid-1-related chloride channel 1	Q99LI2	Q99LI2			1	3.35			3	0.73	
Midline 1 protein (EC 6.3.2.-) (Tripartite motif protein 18) (Midin)	O70583	TRI18_MOUSE	1	4.61	3	2.20			5	1.73	17318
Mimecan precursor (Osteoglycin)	Q62000	MIME_MOUSE	1	0.88							18295
Mind bomb (DAPK-interacting protein-1)	Q80SY4	Q80SY4			1	2.47			1	2.00	
MIR-interacting saposin-like protein precursor (Transmembrane protein 4) (Putative s	Q9QXT0	MSAP_MOUSE	8	2.79	11	1.45	3	0.93	6	1.10	56530
Mitchondrial ribosomal protein S7	Q80X85	Q80X85	4	1.01	2	1.20					
Mitochondrial 28S ribosomal protein S21 (S21mt) (MRP-S21)	P58059	RT21_MOUSE	1	2.46							66292
Mitochondrial 28S ribosomal protein S29 (S29mt) (MRP-S29) (Death-associated prote	Q9ER88	RT29_MOUSE	2	1.02	1	0.83			3	1.34	65111
Mitochondrial 28S ribosomal protein S30 (S30mt) (MRP-S30)	Q9D0G0	RT30_MOUSE	1	1.32	5	1.23			3	1.44	59054
Mitochondrial 39S ribosomal protein L3 (L3mt) (MRP-L3)	Q99N95	RM03_MOUSE	2	1.90	2	2.18					94062
Mitochondrial ATP-dependent protease Lon precursor	Q8CGK3	Q8CGK3	7	0.99	5	1.24	1	1.13	1	1.01	
Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocas	Q9Z2Z6	MCAT_MOUSE	3	0.68	3	1.09					57279
Mitochondrial carrier triple repeat 1	Q5HZI9	Q5HZI9	1	0.39	2	1.43			1	0.42	
Mitochondrial dicarboxylate carrier	Q9QZD8	DIC_MOUSE	1	1.27	1	1.40					27376
Mitochondrial import inner membrane translocase subunit TIM13 A	P62075	TI13A_MOUSE	5	1.36	2	0.89	1	1.32	2	1.67	30055
Mitochondrial import inner membrane translocase subunit TIM8 A (Deafness dystonia	Q9WVA2	TIM8A_MOUSE	4	0.62	2	1.90	4	0.98	4	1.28	30058
Mitochondrial import inner membrane translocase subunit TIM8 B (Deafness dystonia	P62077	TIM8B_MOUSE	3	1.34	2	1.20	3	1.25	4	1.04	30057
Mitochondrial import inner membrane translocase subunit TIM9 A	Q9WV98	TIM9A_MOUSE	3	2.32	4	2.09	2	1.09	3	1.23	30056
Mitochondrial import inner membrane translocase subunit TIM9 B	Q9WV96	TIM9B_MOUSE	5	1.89	3	1.28	2	1.25			14356
Mitochondrial ornithine transporter 1 (Solute carrier family 25, member 15)	Q9WVD5	ORNT1_MOUSE			1	2.06					18408
Mitochondrial processing peptidase alpha subunit, mitochondrial precursor (EC 3.4.24	Q9DC61	MPPA_MOUSE	12	2.52	15	1.09	2	0.85	11	1.39	64436

Mitochondrial processing peptidase beta subunit, mitochondrial precursor (EC 3.4.24.	Q9CXT8	MPPB_MOUSE	5	1.03	6	1.20			2	1.04	73078
Mitogen-activated protein kinase 3 (EC 2.7.1.37) (Extracellular signal-regulated kinase	Q63844	MK03_MOUSE	2	1.95	3	1.16			4	2.00	26417
Mitogen-activated protein kinase kinase 1 interacting protein 1 (MEK binding partner 1	O88653	MK1I1_MOUSE							1	0.60	56692
Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.1.37) (MAPK/ERK kinase ki	O08648	M3K4_MOUSE	1	2.04	1	1.44					26407
Mitogen-activated protein kinase kinase kinase 5 (EC 2.7.1.37) (MAPK/ERK kinase ki	O35099	M3K5_MOUSE							1	30.02	26408
Mitogen-activated protein kinase kinase kinase 8 (EC 2.7.1.37) (COT proto-oncogene	Q07174	M3K8_MOUSE							1	0.05	26410
Mitogen-activated protein kinase kinase kinase kinase 3 (EC 2.7.1.37) (MAPK/ERK ki	Q99JP0	M4K3_MOUSE	1	1.31	1	1.21			1	0.97	225028
Mitotic checkpoint protein BUB3 (WD-repeat type I transmembrane protein A72.5)	Q9WVA3	BUB3_MOUSE	3	1.40	4	1.10	1	0.99	1	1.64	12237
MKIAA0051 protein (Fragment)	Q6ZQK2	Q6ZQK2	2	1.65							
MKIAA0097 protein (Fragment)	Q80U79	Q80U79			1	2.08					
MKIAA0136 protein (Fragment)	Q6A0C2	Q6A0C2							1	3.16	
MKIAA0166 protein (Fragment)	Q6A0B3	Q6A0B3	2	0.63					1	1.57	
MKIAA0169 protein (Fragment)	Q6ZQH8	Q6ZQH8							2	3.06	
MKIAA0177 protein (Fragment)	Q6A0B1	Q6A0B1	2	5.14							
MKIAA0183 protein (Fragment)	Q6A0A9	Q6A0A9	4	2.44	1	1.12					
MKIAA0225 protein (Fragment)	Q6ZQG1	Q6ZQG1	4	1.49	7	2.06	3	1.24	6	1.34	
MKIAA0230 protein (Fragment)	Q80U60	Q80U60	2	1.00	1	1.44			2	2.15	
MKIAA0290 protein (Fragment)	Q6A091	Q6A091							1	0.19	
MKIAA0297 protein (Fragment)	Q6ZQE1	Q6ZQE1	1	3.71	1	0.33					
MKIAA0300 protein (Fragment)	Q80U45	Q80U45							1	3.75	
MKIAA0315 protein (Fragment)	Q8CHG6	Q8CHG6	6	1.66	6	2.10	3	0.80	6	0.73	
MKIAA0337 protein (Fragment)	Q80U35	Q80U35	1	1.44	3	0.99	2	1.08	2	0.80	
MKIAA0372 protein (Fragment)	Q6ZQC8	Q6ZQC8	1	1.25							
MKIAA0421 protein (Fragment)	Q6ZQC0	Q6ZQC0	1	0.68							
MKIAA0462 protein (Fragment)	Q8CHF3	Q8CHF3	1	0.83	2	1.26			3	1.63	
MKIAA0493 protein (Fragment)	Q80TZ0	Q80TZ0							1	0.37	
MKIAA0543 protein (Fragment)	Q6ZQ98	Q6ZQ98	1	0.49							
MKIAA0570 protein (Fragment)	Q6ZQ93	Q6ZQ93	1	1.46	1	1.04	1	1.02	1	1.46	
MKIAA0578 protein (Fragment)	Q8CHE6	Q8CHE6			1	1.01					
MKIAA0602 protein (Fragment)	Q80TW2	Q80TW2	1	1.04							
MKIAA0615 protein (Fragment)	Q6A037	Q6A037					1	1.66			
MKIAA0629 protein (Fragment)	Q6ZQ80	Q6ZQ80					1	2.36			
MKIAA0665 protein (Fragment)	Q8CHD8	Q8CHD8							2	0.65	
MKIAA0678 protein (Fragment)	Q8CHD7	Q8CHD7	2	0.77							
MKIAA0700 protein (Fragment)	Q6A013	Q6A013			1	2.19					
MKIAA0725 protein (Fragment)	Q6A008	Q6A008							1	0.09	
MKIAA0754 protein (Fragment)	Q69ZZ9	Q69ZZ9							3	0.23	
MKIAA0777 protein (Fragment)	Q80TS1	Q80TS1			1	0.97					
MKIAA0782 protein (Fragment)	Q6ZQ48	Q6ZQ48					2	1.43	2	2.71	
MKIAA0784 protein (Fragment)	Q6ZQ47	Q6ZQ47			1	1.35			1	2.60	
MKIAA0824 protein (Fragment)	Q69ZY3	Q69ZY3	1	0.95							
MKIAA0829 protein (Fragment)	Q6ZQ38	Q6ZQ38	18	1.86	22	1.33	4	1.85	16	1.20	
MKIAA0838 protein (Fragment)	Q69ZX9	Q69ZX9	11	1.32	16	1.29	5	1.02	8	1.34	
MKIAA0858 protein (Fragment)	Q6ZQ32	Q6ZQ32			1	1.63					
MKIAA0889 protein (Fragment)	Q69ZW6	Q69ZW6			1	1.81			1	1.17	
MKIAA1031 protein (Fragment)	Q6ZPZ8	Q6ZPZ8					1	0.53	2	1.14	
MKIAA1064 protein (Fragment)	Q6ZPZ3	Q6ZPZ3	1	1.27			2	0.89			
MKIAA1131 protein (Fragment)	Q69ZR2	Q69ZR2					2	1.82	2	0.86	
MKIAA1196 protein (Fragment)	Q6ZPW1	Q6ZPW1			1	1.10					
MKIAA1200 protein (Fragment)	Q80TI1	Q80TI1							1	0.03	
MKIAA1221 protein (Fragment)	Q80TH4	Q80TH4			1	0.61					
MKIAA1235 protein (Fragment)	Q6ZPV5	Q6ZPV5							1	2.08	
MKIAA1375 protein (Fragment)	Q6ZPS9	Q6ZPS9	2	1.29							
MKIAA1413 protein (Fragment)	Q69ZK1	Q69ZK1			1	5.25					
MKIAA1429 protein (Fragment)	Q80TD6	Q80TD6			1	1.04					
MKIAA1432 protein (Fragment)	Q69ZJ7	Q69ZJ7			3	4.36					
MKIAA1451 protein (Fragment)	Q69ZJ4	Q69ZJ4	1	1.54	1	0.88	1	0.27	1	0.69	
MKIAA1458 protein (Fragment)	Q6ZPQ5	Q6ZPQ5			1	0.68					
MKIAA1554 protein (Fragment)	Q69ZG7	Q69ZG7							1	1.61	
MKIAA1601 protein (Fragment)	Q6ZPL8	Q6ZPL8	3	0.88	3	1.12	2	3.10	4	0.77	
MKIAA1676 protein (Fragment)	Q6ZPK2	Q6ZPK2					1	9.20			

MKIAA1728 protein (Fragment)	Q8CHA0	Q8CHA0			1	0.84					
MKIAA1840 protein (Fragment)	Q6ZPH3	Q6ZPH3	1	2.62							
MKIAA1850 protein (Fragment)	Q80T83	Q80T83							1	1.35	
MKIAA1891 protein (Fragment)	Q6ZPG3	Q6ZPG3	1	31.58							
MKIAA1897 protein (Fragment)	Q69Z76	Q69Z76			1	1.11			1	0.52	
MKIAA1901 protein (Fragment)	Q69Z74	Q69Z74	2	1.12	1	1.30	2	1.79	2	0.80	
MKIAA2002 protein (Fragment)	Q69Z38	Q69Z38			2	3.23	2	1.38	4	1.43	
MKIAA2005 protein (Fragment)	Q69Z37	Q69Z37	1	1.03							
MKIAA2014 protein (Fragment)	Q6ZPF4	Q6ZPF4	1	2.32							
Mocs1 protein	Q8R058	Q8R058			1	1.56					
Mod1 protein	Q921S3	Q921S3	2	2.13	2	1.49	2	1.80	2	1.20	
Moesin (Membrane-organizing extension spike protein)	P26041	MOES_MOUSE	2	1.28	2	1.07					17698
Molecule interacting with Rab13 (MIRab13) (MICAL-like protein 1)	Q8BGT6	MILK1_MOUSE	1	1.08	5	0.58					27008
Molybdenum cofactor synthesis protein 2 small subunit (Molybdopterin synthase smal	Q9Z224	MOS2S_MOUSE					1	1.87			17434
Monocyte differentiation antigen CD14 precursor (Myeloid cell-specific leucine-rich gly	P10810	CD14_MOUSE	1	1.18	3	1.22					12475
Mortality factor 4-like protein 1 (MORF-related gene 15 protein) (Transcription factor-li	P60762	MO4L1_MOUSE	1	0.93							21761
Mothers against decapentaplegic homolog 4 (SMAD 4) (Mothers against DPP homolo	P97471	SMAD4_MOUSE					1	0.76	2	1.68	17128
MPRL-2 (Mus musculus 15 days embryo male testis cDNA, RIKEN full-length enriche	O70274	O70274	1	0.74	1	0.26			4	1.16	
Mps one binder kinase activator-like 2A (Mob1 homolog 2A)	Q8BSU7	MOL2A_MOUSE	1	1.01							208228
Mps one binder kinase activator-like 3 (Mob1 homolog 3) (Mob3) (Class II mMOB1) (F	Q6PEB6	MOB3_MOUSE	1	2.77	2	0.88			1	1.57	19070
Mrpl37 protein (Mitochondrial ribosomal protein L37)	Q921S7	Q921S7			4	0.90					
Mrpl44 protein (Fragment)	Q8VE61	Q8VE61	2	1.23	1	2.36			2	1.07	
Mtmr6 protein (Mus musculus 15 days embryo head cDNA, RIKEN full-length enriche	Q8VE11	Q8VE11	1	8.90			1	1.87	2	0.85	
Mucolipin-3	Q8R4F0	MCLN3_MOUSE			1	2.05			1	0.74	171166
Multiple EGF-like-domain protein 4	P60882	EGFL4_MOUSE	1	1.26					3	1.64	269878
Multisynthetase complex auxiliary component p43 [Contains: Endothelial-monocyte a	P31230	MCA1_MOUSE			1	0.81					13722
Mus musculus 0 day neonate cerebellum cDNA, RIKEN full-length enriched library, cl	Q8BUW4	Q8BUW4							2	0.93	
Mus musculus 0 day neonate cerebellum cDNA, RIKEN full-length enriched library, cl	Q8BUU8	Q8BUU8			2	0.87			1	1.10	
Mus musculus 0 day neonate cerebellum cDNA, RIKEN full-length enriched library, cl	Q8BUU5	Q8BUU5	4	2.05	3	1.56			1	2.38	
Mus musculus 0 day neonate cerebellum cDNA, RIKEN full-length enriched library, cl	Q8BGI1	Q8BGI1			1	0.38			1	2.24	
Mus musculus 0 day neonate cerebellum cDNA, RIKEN full-length enriched library, cl	Q8C7X2	Q8C7X2	4	0.96	1	1.48					
Mus musculus 0 day neonate cortex cDNA, RIKEN full-length enriched library, clone:(	Q8BJ90	Q8BJ90			1	2.00			2	1.51	
Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:	Q8BPT3	Q8BPT3	2	4.08	4	2.49	2	1.07	3	0.98	
Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:	Q8BN78	Q8BN78			1	0.15			1	0.15	
Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:	Q8BPS4	Q8BPS4			1	0.72					
Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:	Q8BJC6	Q8BJC6							1	2.50	
Mus musculus 0 day neonate eyeball cDNA, RIKEN full-length enriched library, clone:	Q8BPM5	Q8BPM5			1	1.07					
Mus musculus 0 day neonate head cDNA, RIKEN full-length enriched library, clone:4	Q8C120	Q8C120							1	2.79	
Mus musculus 0 day neonate head cDNA, RIKEN full-length enriched library, clone:4	Q9D610	Q9D610	1	0.04							
Mus musculus 0 day neonate head cDNA, RIKEN full-length enriched library, clone:4	Q8BVU5	Q8BVU5	6	1.47	6	1.24	5	1.62	4	1.46	
Mus musculus 0 day neonate head cDNA, RIKEN full-length enriched library, clone:4	Q8C0Z1	Q8C0Z1	2	2.26	1	1.70	1	1.06	2	0.94	
Mus musculus 0 day neonate head cDNA, RIKEN full-length enriched library, clone:4	Q8BVU0	Q8BVU0	1	1.96	2	1.40					
Mus musculus 0 day neonate kidney cDNA, RIKEN full-length enriched library, clone:I	Q8BWF5	Q8BWF5							1	3.71	
Mus musculus 0 day neonate lung cDNA, RIKEN full-length enriched library, clone:E0	Q8BU92	Q8BU92			1	8.50			1	1.10	
Mus musculus 0 day neonate lung cDNA, RIKEN full-length enriched library, clone:E0	Q8BU85	Q8BU85	5	3.20	5	2.68	2	2.43	9	1.50	
Mus musculus 0 day neonate lung cDNA, RIKEN full-length enriched library, clone:E0	Q8BU71	Q8BU71							1	1.26	
Mus musculus 0 day neonate skin cDNA, RIKEN full-length enriched library, clone:46	Q8CEE5	Q8CEE5							1	1.21	
Mus musculus 0 day neonate skin cDNA, RIKEN full-length enriched library, clone:46	Q9D678	Q9D678							1	0.88	
Mus musculus 0 day neonate skin cDNA, RIKEN full-length enriched library, clone:46	Q8C1B1	Q8C1B1	1	1.75	1	1.41	1	1.05			
Mus musculus 0 day neonate thymus cDNA, RIKEN full-length enriched library, clone	Q8BGH2	Q8BGH2					2	4.50	2	1.16	
Mus musculus 0 day neonate thymus cDNA, RIKEN full-length enriched library, clone	Q8BGR6	Q8BGR6			1	1.19	3	1.67			
Mus musculus 0 day neonate thymus cDNA, RIKEN full-length enriched library, clone	Q8BGE3	Q8BGE3	7	1.06	7	1.05	1	1.59	2	0.64	
Mus musculus 0 day neonate thymus cDNA, RIKEN full-length enriched library, clone	Q8BV57	Q8BV57	1	1.89	2	1.08	2	1.07	2	0.76	
Mus musculus 1.5 years female mammary gland CRL-2116 JC cDNA, RIKEN full-len	Q8C1X1	Q8C1X1	1	1.00					1	0.99	
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9D967	Q9D967	2	1.64	1	1.25					
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9D8W7	Q9D8W7							1	0.68	
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9CQD2	Q9CQD2	2	1.24	3	1.26					
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9D8T2	Q9D8T2	1	2.60	1	1.41	2	2.17			
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9CQ15	Q9CQ15			2	0.88	1	2.36			
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9CPS6	Q9CPS6	1	1.18					1	1.27	
Mus musculus 10 day old male pancreas cDNA, RIKEN full-length enriched library, cl	Q9D8M4	Q9D8M4	1	0.88							

Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D0L4	Q9D0L4	1	1.75				2	0.89
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D0H2	Q9D0H2	5	1.21	6	1.17	2 0.70	4	1.30
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D0B5	Q9D0B5	2	1.76	1	1.71	4 1.14	2	0.82
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D0B0	Q9D0B0	1	1.31	2	3.68	1 1.98		
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q8BHS9	Q8BHS9	5	1.63	5	0.82	2 1.59	7	1.16
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CSX2	Q9CSX2			1	0.31			
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D061	Q9D061			2	1.55	1 0.50		
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CSW7	Q9CSW7					1 2.86		
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CSW3	Q9CSW3	1	1.05					
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D020	Q9D020						1	1.48
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9D009	Q9D009			1	2.37			
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CPS1	Q9CPS1	1	0.08					
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CZX9	Q9CZX9	1	1.48	1	1.77			
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CZX7	Q9CZX7	4	3.08	6	2.18	2 1.25	7	1.07
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q8BT13	Q8BT13			5	2.45		5	1.06
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q8QZS1	Q8QZS1	6	1.43	5	1.30	4 1.40	2	0.88
Mus musculus 10 days embryo whole body cDNA, RIKEN full-length enriched library,	Q8BK67	Q8BK67	5	1.65	2	1.34	1 1.57	3	2.66
Mus musculus 10 days lactation, adult female mammary gland cDNA, RIKEN full-leng	Q8BGY0	Q8BGY0			1	1.47			
Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8C8I9	Q8C8I9			1	73.78			
Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8BXF6	Q8BXF6	1	0.43					
Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8C8E5	Q8C8E5	3	1.19	3	0.77			
Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8BGC4	Q8BGC4	8	1.27	6	1.47	2 0.44	5	1.18
Mus musculus 10 days neonate cortex cDNA, RIKEN full-length enriched library, clon	Q8BRT1	Q8BRT1	1	0.61	1	16.09			
Mus musculus 10 days neonate cortex cDNA, RIKEN full-length enriched library, clon	Q8BH02	Q8BH02						2	0.34
Mus musculus 10 days neonate cortex cDNA, RIKEN full-length enriched library, clon	Q8BRN9	Q8BRN9					1 13.35		
Mus musculus 10 days neonate medulla oblongata cDNA, RIKEN full-length enriched	Q8BI80	Q8BI80						1	1.71
Mus musculus 10 days neonate medulla oblongata cDNA, RIKEN full-length enriched	Q8C8K6	Q8C8K6			1	1.95			
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8C1A5	Q8C1A5	4	1.92	5	2.12	2 1.33	6	1.46
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8BHI7	Q8BHI7						2	0.92
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8BIS1	Q8BIS1			1	4.10			
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8C129	Q8C129	3	1.16	3	1.04			
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8CE34	Q8CE34	1	1.97					
Mus musculus 10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4	Q8BHJ9	Q8BHJ9			1	1.86			
Mus musculus 10, 11 days embryo whole body cDNA, RIKEN full-length enriched libr	Q9CQP3	Q9CQP3	1	0.88	2	1.05			
Mus musculus 10, 11 days embryo whole body cDNA, RIKEN full-length enriched libr	Q9CZ42	Q9CZ42	4	1.71	3	0.79			
Mus musculus 10, 11 days embryo whole body cDNA, RIKEN full-length enriched libr	Q9CQM5	Q9CQM5	3	6.97	3	3.11	3 1.82	5	1.65
Mus musculus 10, 11 days embryo whole body cDNA, RIKEN full-length enriched libr	Q9CR39	Q9CR39	3	1.12			2 1.33		
Mus musculus 11 days embryo gonad cDNA, RIKEN full-length enriched library, clone	Q8CCI5	Q8CCI5					1 0.56		
Mus musculus 11 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BVJ3	Q8BVJ3	1	0.59					
Mus musculus 11 days embryo whole body cDNA, RIKEN full-length enriched library,	Q9CZN8	Q9CZN8			1	2.38			
Mus musculus 11 days pregnant adult female ovary and uterus cDNA, RIKEN full-leng	Q8BHC9	Q8BHC9	3	1.77	6	1.79	4 0.66	5	1.20
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BM86	Q8BM86	1	2.74					
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BM85	Q8BM85	1	1.39	2	0.85	1 1.59	3	1.19
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BSE0	Q8BSE0	1	1.83	3	2.86		1	0.54
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BT43	Q8BT43			1	1.16			
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BSC4	Q8BSC4			1	1.03			
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BSB4	Q8BSB4			1	1.00			
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BSA4	Q8BSA4	1	12.14					
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BM55	Q8BM55	5	1.41	7	1.26	2 0.54	6	0.85
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BM52	Q8BM52			1	0.13			
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q9CX22	Q9CX22					1 2.22		
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BM47	Q8BM47			2	0.59		1	0.02
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BJU2	Q8BJU2						1	1.00
Mus musculus 12 days embryo embryonic body between diaphragm region and neck	Q8BFQ4	Q8BFQ4	2	1.44	2	0.92			
Mus musculus 12 days embryo eyeball cDNA, RIKEN full-length enriched library, clon	Q8BJE5	Q8BJE5	4	1.81	2	1.33	3 2.32	2	1.33
Mus musculus 12 days embryo female mullerian duct includes surrounding region cDI	Q8BP08	Q8BP08					1 1.72	1	8.72
Mus musculus 12 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CXY6	Q9CXY6			1	1.37		3	1.46
Mus musculus 12 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CX86	Q9CX86	5	3.77	3	1.81	2 1.30	4	0.89
Mus musculus 12 days embryo male wolffian duct includes surrounding region cDNA,	Q8BSL3	Q8BSL3			1	1.05			
Mus musculus 12 days embryo male wolffian duct includes surrounding region cDNA,	Q8BIQ6	Q8BIQ6	1	20.82					
Mus musculus 12 days embryo spinal cord cDNA, RIKEN full-length enriched library,	Q8C7R4	Q8C7R4	9	6.22	8	0.96	5 1.74	1	1.05

Mus musculus 12 days embryo spinal cord cDNA, RIKEN full-length enriched library, (	Q8BWY1	Q8BWY1	1	17.54	1	5.37			
Mus musculus 12 days embryo spinal cord cDNA, RIKEN full-length enriched library, (	Q8BHG9	Q8BHG9	2	3.84					
Mus musculus 12 days embryo spinal cord cDNA, RIKEN full-length enriched library, (	Q8BUP7	Q8BUP7	11	1.63	5	4.54	7	2.21	6	2.14
Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched libr	Q8BJH1	Q8BJH1			4	1.43			2	17.38
Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched libr	Q8BJG6	Q8BJG6	18	2.05	10	1.59	5	0.79	7	0.88
Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched libr	Q8BNC4	Q8BNC4							1	3.17
Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched libr	Q8BQ03	Q8BQ03	1	3.26	1	3.15				
Mus musculus 13 days embryo forelimb cDNA, RIKEN full-length enriched library, clo	Q8BSN3	Q8BSN3	1	1.49						
Mus musculus 13 days embryo forelimb cDNA, RIKEN full-length enriched library, clo	Q8BSN1	Q8BSN1	1	1.38						
Mus musculus 13 days embryo forelimb cDNA, RIKEN full-length enriched library, clo	Q8BH64	Q8BH64	3	1.06						
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8CEG4	Q8CEG4	3	1.84	6	0.84	1	1.74	1	1.32
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CQC6	Q9CQC6	2	1.29	1	0.98				
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CRC0	Q9CRC0	8	1.24	12	1.45	9	1.02	11	0.93
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CXS4	Q9CXS4							1	0.34
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CXR0	Q9CXR0			1	2.33				
Mus musculus 13 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q9CXP1	Q9CXP1	1	86.12						
Mus musculus 13 days embryo heart cDNA, RIKEN full-length enriched library, clone:	Q8C3W9	Q8C3W9							1	1.97
Mus musculus 13 days embryo liver cDNA, RIKEN full-length enriched library, clone:2	Q9CY52	Q9CY52			1	0.57				
Mus musculus 13 days embryo lung cDNA, RIKEN full-length enriched library, clone:I	Q8C760	Q8C760			3	1.65			2	1.46
Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enriched library, (	Q8C5P5	Q8C5P5							1	8.56
Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enriched library, (	Q8CD79	Q8CD79	2	10.18						
Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enriched library, (	Q8CD58	Q8CD58							1	5.02
Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enriched library, (	Q8BIW9	Q8BIW9	1	0.88	1	1.10			1	1.03
Mus musculus 14, 17 days embryo head cDNA, RIKEN full-length enriched library, clo	Q8CEF9	Q8CEF9							1	0.07
Mus musculus 15 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8C3E8	Q8C3E8	6	1.19	7	0.65	2	1.42	3	0.93
Mus musculus 15 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BWB6	Q8BWB6	1	0.79	2	0.68	1	0.64	2	1.05
Mus musculus 15 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BKG3	Q8BKG3	22	1.48	12	1.16	5	0.96	4	0.85
Mus musculus 15 days embryo male testis cDNA, RIKEN full-length enriched library, (	Q8CCF0	Q8CCF0	2	3.01	2	1.54				
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8C8B0	Q8C8B0			1	1.08				
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8C4R5	Q8C4R5	1	6.29						
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BGF7	Q8BGF7			1	50.80				
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q63739	Q63739							2	2.13
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BKY4	Q8BKY4					1	0.71		
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BXA7	Q8BXA7							1	0.63
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8C4L2	Q8C4L2					1	1.19		
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BUX7	Q8BUX7	5	2.59	1	2.71			2	1.49
Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:	Q8BX87	Q8BX87					1	1.47		
Mus musculus 16 days embryo lung cDNA, RIKEN full-length enriched library, clone:E	Q9CX97	Q9CX97			1	3.03			1	6.15
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBK7	Q8CBK7							1	279.44
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBJ6	Q8CBJ6			1	1.51				
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBI8	Q8CBI8	1	0.52						
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8BZB5	Q8BZB5	2	3.29					1	1.19
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8BI99	Q8BI99							1	1.43
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBE7	Q8CBE7			1	2.29				
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8BV92	Q8BV92	1	1.36						
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8C570	Q8C570	1	0.34					1	0.94
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBC7	Q8CBC7	2	5.91						
Mus musculus 16 days neonate cerebellum cDNA, RIKEN full-length enriched library,	Q8CBC4	Q8CBC4							1	1.49
Mus musculus 16 days neonate thymus cDNA, RIKEN full-length enriched library, clo	Q8BYW9	Q8BYW9			1	2.19				
Mus musculus 16 days neonate thymus cDNA, RIKEN full-length enriched library, clo	Q8CAQ2	Q8CAQ2	1	1.68						
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BTE5	Q8BTE5	1	2.12						
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9CR43	Q9CR43	1	0.05	1	0.03				
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1P4	Q9D1P4			2	0.92				
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1M4	Q9D1M4	1	0.67	2	0.72	1	2.05	1	0.29
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1I6	Q9D1I6			1	1.71				
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1H8	Q9D1H8							1	23.39
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1F4	Q9D1F4	2	1.06						
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1D6	Q9D1D6	2	1.17						
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D1C3	Q9D1C3			2	1.44			4	1.02
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9CR09	Q9CR09	6	1.77	1	0.99	1	1.94		
Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D136	Q9D136	2	0.84	1	1.34				

Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, c	Q9D115	Q9D115	2	2.56	4	1.11	3	1.60	3	1.32
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BU33	Q8BU33	3	1.79	1	0.83			4	1.43
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8C2S1	Q8C2S1							4	0.88
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8C2Q9	Q8C2Q9	1	0.77	3	2.47	2	1.70	6	1.41
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BTZ7	Q8BTZ7	2	0.77						
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BTX9	Q8BTX9			1	0.02			1	1.39
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8C2J9	Q8C2J9	2	1.01	3	1.00				
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BTW3	Q8BTW3	1	1.45	1	0.28				
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BTV2	Q8BTV2			2	1.44				
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8C2F8	Q8C2F8	1	2.39			2	1.64		
Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched	Q8BTS9	Q8BTS9	1	1.13	1	1.24	1	2.45	3	2.79
Mus musculus 2 days pregnant adult female ovary cDNA, RIKEN full-length enriched	Q8BW51	Q8BW51							2	0.71
Mus musculus 2 days pregnant adult female ovary cDNA, RIKEN full-length enriched	Q8BIG7	Q8BIG7	5	0.82	4	1.59				
Mus musculus 2 days pregnant adult female ovary cDNA, RIKEN full-length enriched	Q8BW45	Q8BW45	1	0.44						
Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clon	Q8BYA0	Q8BYA0	5	1.41	9	1.34	1	0.79	7	1.51
Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clon	Q8C9R1	Q8C9R1			1	0.07				
Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clon	Q8BY71	Q8BY71	5	1.23	8	0.97	4	1.36	2	1.56
Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clon	Q8BFT0	Q8BFT0	1	0.07	1	0.05				
Mus musculus 4 days neonate male adipose cDNA, RIKEN full-length enriched library	Q8BJQ2	Q8BJQ2	1	0.88	1	1.28	1	1.68	1	1.76
Mus musculus 4 days neonate male adipose cDNA, RIKEN full-length enriched library	Q8BJP5	Q8BJP5	1	1.27			1	2.88		
Mus musculus 4 days neonate male adipose cDNA, RIKEN full-length enriched library	Q8BIJ7	Q8BIJ7			1	1.16				
Mus musculus 6 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BMK4	Q8BMK4	4	2.96	5	1.26	1	1.09	1	1.01
Mus musculus 6 days neonate head cDNA, RIKEN full-length enriched library, clone:5	Q8C0L8	Q8C0L8	1	2.04	1	0.77	2	4.08	2	0.96
Mus musculus 6 days neonate head cDNA, RIKEN full-length enriched library, clone:5	Q9D3L8	Q9D3L8			1	0.05				
Mus musculus 7 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BKX3	Q8BKX3	8	1.91	7	1.30	3	1.62	1	0.59
Mus musculus 7 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BQI6	Q8BQI6							2	1.23
Mus musculus 7 days neonate cerebellum cDNA, RIKEN full-length enriched library, c	Q8BJ14	Q8BJ14			1	1.20				
Mus musculus 7 days neonate cerebellum cDNA, RIKEN full-length enriched library, c	Q8BXX8	Q8BXX8			1	17.86				
Mus musculus 7 days neonate cerebellum cDNA, RIKEN full-length enriched library, c	Q8BXV2	Q8BXV2	1	0.35	2	2.01				
Mus musculus 7 days neonate cerebellum cDNA, RIKEN full-length enriched library, c	Q8C904	Q8C904			1	3.42				
Mus musculus 7 days neonate cerebellum cDNA, RIKEN full-length enriched library, c	Q8BTF0	Q8BTF0	16	1.40	30	1.79	21	1.72	22	1.03
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BPA0	Q8BPA0			1	0.04				
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BIF9	Q8BIF9			1	1.34				
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BSS4	Q8BSS4	3	4.39	3	10.94	1	1.45	1	1.07
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BK08	Q8BK08			1	1.78				
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BK04	Q8BK04	6	3.35	4	2.25	2	0.85	3	0.94
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BSR8	Q8BSR8	2	1.73	1	1.71	1	0.68	2	2.16
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BP56	Q8BP56			1	1.08	1	1.66	1	1.15
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BFR4	Q8BFR4	11	2.00	12	1.44	2	0.93	3	0.93
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q9CYA0	Q9CYA0	9	2.66	17	2.91	5	1.25	19	1.07
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q9CS15	Q9CS15	2	1.69						
Mus musculus 8 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BSQ9	Q8BSQ9	1	0.45	2	2.18				
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BNL1	Q8BNL1	1	0.81						
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BKT7	Q8BKT7	2	0.80						
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BHB4	Q8BHB4			1	2.50				
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BKT3	Q8BKT3			1	2.49				
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BH24	Q8BH24	10	1.60	9	1.57	5	1.16	10	1.19
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BHC4	Q8BHC4	2	0.91	1	0.84	1	0.88		
Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, c	Q8BJI6	Q8BJI6			2	0.91				
Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched lib	Q8BLJ4	Q8BLJ4			1	4.02				
Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched lib	Q8BHS3	Q8BHS3			1	0.65			3	0.82
Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched lib	Q8BLH4	Q8BLH4			1	2.13				
Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched lib	Q8BLH1	Q8BLH1			2	0.34	3	1.13	5	0.70
Mus musculus 9.5 days embryo parthenogenote cDNA, RIKEN full-length enriched lib	Q8BLH0	Q8BLH0	2	1.52	4	1.58	1	1.45	6	1.23
Mus musculus activated spleen cDNA, RIKEN full-length enriched library, clone:F830	Q8BJA0	Q8BJA0							2	1.03
Mus musculus adult female placenta cDNA, RIKEN full-length enriched library, clone:	Q9DAU1	Q9DAU1	2	1.12	3	1.07			1	0.22
Mus musculus adult female vagina cDNA, RIKEN full-length enriched library, clone:99	Q8BZ03	Q8BZ03			1	1.00			1	6.40
Mus musculus adult male adrenal gland cDNA, RIKEN full-length enriched library, clo	Q8C8M5	Q8C8M5	1	6.40						
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clo	Q8BFW7	Q8BFW7	4	1.57	5	1.65			2	0.81
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clo	Q8BS06	Q8BS06							1	1.20
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clo	Q8BLY2	Q8BLY2			2	0.57				

Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BJS7	Q8BJS7			1	0.40			
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BLX7	Q8BLX7	2	1.43	3	1.71	2	0.77	3	0.60
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BRZ1	Q8BRZ1			2	1.14			1	0.36
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BNV2	Q8BNV2			1	0.07				
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BRX6	Q8BRX6			1	0.93				
Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clc	Q8BLU0	Q8BLU0							2	0.98
Mus musculus adult male bone cDNA, RIKEN full-length enriched library, clone:98301	Q8CBA6	Q8CBA6							1	0.97
Mus musculus adult male bone cDNA, RIKEN full-length enriched library, clone:98301	Q8BZ47	Q8BZ47					1	3.43	1	3.62
Mus musculus adult male bone cDNA, RIKEN full-length enriched library, clone:98301	Q8BZ40	Q8BZ40	1	0.65						
Mus musculus adult male cecum cDNA, RIKEN full-length enriched library, clone:913(	Q9D279	Q9D279							1	0.38
Mus musculus adult male cecum cDNA, RIKEN full-length enriched library, clone:913(	Q8CC80	Q8CC80					1	1.09	1	1.28
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9DB98	Q9DB98			2	1.73			2	1.65
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9DB91	Q9DB91	1	1.28	3	1.99	2	1.28	3	1.92
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9DB73	Q9DB73	1	1.47	4	1.52				
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9D2U6	Q9D2U6	2	1.90	1	1.46	1	1.71		
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9DB29	Q9DB29	3	2.32					1	0.56
Mus musculus adult male cerebellum cDNA, RIKEN full-length enriched library, clone:	Q9DB28	Q9DB28					1	1.01	1	1.07
Mus musculus adult male colon cDNA, RIKEN full-length enriched library, clone:9030(	Q8BGT5	Q8BGT5	1	0.92	2	1.22				
Mus musculus adult male colon cDNA, RIKEN full-length enriched library, clone:9030(	Q8C5C9	Q8C5C9			1	0.16				
Mus musculus adult male colon cDNA, RIKEN full-length enriched library, clone:9030(	Q8BIW7	Q8BIW7							1	0.30
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BLE5	Q8BLE5	2	0.49	3	1.63	2	0.71	3	2.14
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q9CPW2	Q9CPW2			1	1.27				
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BLD5	Q8BLD5	1	1.67	1	1.13			1	0.85
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BHR9	Q8BHR9							1	1.37
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BR49	Q8BR49	1	0.86	1	1.16				
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BR00	Q8BR00			1	3.57				
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BQY9	Q8BQY9			1	0.59				
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BFW6	Q8BFW6	1	1.07					1	0.41
Mus musculus adult male corpora quadrigemina cDNA, RIKEN full-length enriched lib	Q8BL38	Q8BL38	1	0.93	2	1.42	2	1.07	1	1.48
Mus musculus adult male corpus striatum cDNA, RIKEN full-length enriched library, cl	Q8BNN3	Q8BNN3	2	0.81	1	1.00				
Mus musculus adult male corpus striatum cDNA, RIKEN full-length enriched library, cl	Q8BKY8	Q8BKY8	1	0.02	1	1.08				
Mus musculus adult male diencephalon cDNA, RIKEN full-length enriched library, clor	Q8CBY8	Q8CBY8	2	3.12	2	1.31	3	1.75	1	1.60
Mus musculus adult male diencephalon cDNA, RIKEN full-length enriched library, clor	Q8CBY3	Q8CBY3	1	2.45	1	2.60			3	0.87
Mus musculus adult male hippocampus cDNA, RIKEN full-length enriched library, clor	Q8CEG9	Q8CEG9							1	11.97
Mus musculus adult male hippocampus cDNA, RIKEN full-length enriched library, clor	Q8BIV0	Q8BIV0					1	3.70		
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8BYR8	Q8BYR8			1	0.07				
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8CAL0	Q8CAL0	8	1.15	10	1.55	9	0.94	4	1.37
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8CAK8	Q8CAK8	2	1.54	1	0.26				
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8C547	Q8C547	2	1.60	3	1.76				
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8BV79	Q8BV79							1	0.02
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8CAE2	Q8CAE2							1	0.91
Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clo	Q8CAA7	Q8CAA7			1	4.95			1	13.45
Mus musculus adult male kidney cDNA, RIKEN full-length enriched library, clone:061(	Q9DCM0	Q9DCM0			1	1.22			1	1.13
Mus musculus adult male kidney cDNA, RIKEN full-length enriched library, clone:061(	Q9DCH6	Q9DCH6			1	3.17			2	1.05
Mus musculus adult male kidney cDNA, RIKEN full-length enriched library, clone:061(	Q6ZWZ6	Q6ZWZ6	4	1.41	4	1.22			2	1.39
Mus musculus adult male kidney cDNA, RIKEN full-length enriched library, clone:061(	Q9DCE5	Q9DCE5							2	1.41
Mus musculus adult male liver cDNA, RIKEN full-length enriched library, clone:13000(	Q9DBN5	Q9DBN5	3	1.03	1	1.29				
Mus musculus adult male liver cDNA, RIKEN full-length enriched library, clone:13000(	Q8BHL7	Q8BHL7	1	1.24	3	1.34	2	1.29	2	1.39
Mus musculus adult male liver cDNA, RIKEN full-length enriched library, clone:13000:	Q9DBG6	Q9DBG6			1	1.15				
Mus musculus adult male liver cDNA, RIKEN full-length enriched library, clone:13000:	Q9DBD5	Q9DBD5			1	0.48	2	0.48	5	1.13
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000(	Q9DC22	Q9DC22							1	3.67
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000(	Q9DC20	Q9DC20					1	0.51	2	0.75
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000(	Q9DC03	Q9DC03							1	1.48
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000(	Q9DBZ9	Q9DBZ9			1	2.06			2	0.75
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000	Q9DBW3	Q9DBW3					1	0.14		
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000	Q9DBT5	Q9DBT5	2	4.61	2	0.97			1	1.62
Mus musculus adult male lung cDNA, RIKEN full-length enriched library, clone:12000	Q9DBR0	Q9DBR0	2	2.22	4	3.56	2	1.74	4	4.17
Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8CCW3	Q8CCW3							1	2.32
Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8CCV9	Q8CCV9					1	2.21		
Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8BG02	Q8BG02			1	0.30				
Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8C075	Q8C075	1	0.15	1	0.31				

Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8C5K5	Q8C5K5	2	2.09	1	1.42				
Mus musculus adult male medulla oblongata cDNA, RIKEN full-length enriched library	Q8BMF4	Q8BMF4	6	1.05	5	1.01	6	0.96		
Mus musculus adult male olfactory brain cDNA, RIKEN full-length enriched library, clo	Q8C052	Q8C052	2	1.53	3	1.24	1	1.62	2	1.11
Mus musculus adult male olfactory brain cDNA, RIKEN full-length enriched library, clo	Q8BH70	Q8BH70	1	2.63						
Mus musculus adult male olfactory brain cDNA, RIKEN full-length enriched library, clo	Q8C5I8	Q8C5I8			1	1.30				
Mus musculus adult male olfactory brain cDNA, RIKEN full-length enriched library, clo	Q8C020	Q8C020					1	0.64		
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q8BSV7	Q8BSV7							1	1.61
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q8BSV0	Q8BSV0	1	12.99						
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q9CQ26	Q9CQ26	1	1.26	3	2.34				
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q8BML9	Q8BML9	4	1.67	3	1.84	2	1.55	4	0.78
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q8BML4	Q8BML4							1	0.08
Mus musculus adult male pituitary gland cDNA, RIKEN full-length enriched library, clo	Q8BH60	Q8BH60	1	0.71	1	1.58			1	1.20
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q9D8H7	Q9D8H7			2	0.98			1	1.09
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q8BGD8	Q8BGD8	2	1.50	1	0.98				
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q9D8F0	Q9D8F0							1	0.85
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q8C1P7	Q8C1P7							1	0.88
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q78XM1	Q78XM1							1	2.81
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q9CR98	Q9CR98	1	1.62	3	1.78	1	8.67	6	0.79
Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clo	Q9D820	Q9D820	2	1.40	1	0.98	3	2.41	1	1.64
Mus musculus adult male spinal cord cDNA, RIKEN full-length enriched library, clone:	Q8BYI6	Q8BYI6			2	1.65				
Mus musculus adult male spinal cord cDNA, RIKEN full-length enriched library, clone:	Q8CA71	Q8CA71	1	1.14	1	0.94	1	0.85	2	0.91
Mus musculus adult male spinal cord cDNA, RIKEN full-length enriched library, clone:	Q8BYH8	Q8BYH8			1	0.04				
Mus musculus adult male spinal cord cDNA, RIKEN full-length enriched library, clone:	Q8BYH4	Q8BYH4			1	0.79				
Mus musculus adult male spleen cDNA, RIKEN full-length enriched library, clone:091	Q9DC82	Q9DC82	1	12.73						
Mus musculus adult male stomach cDNA, RIKEN full-length enriched library, clone:22	Q8BW00	Q8BW00							1	1.40
Mus musculus adult male stomach cDNA, RIKEN full-length enriched library, clone:22	Q9D7X2	Q9D7X2							1	0.75
Mus musculus adult male stomach cDNA, RIKEN full-length enriched library, clone:22	Q9CVB6	Q9CVB6	6	1.05	5	0.95	1	1.25	2	1.42
Mus musculus adult male stomach cDNA, RIKEN full-length enriched library, clone:22	Q9D2R0	Q9D2R0	4	1.71	4	1.51			6	1.27
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q9DAQ4	Q9DAQ4	1	3.23						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q8BW10	Q8BW10							1	1.19
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q9D9Z5	Q9D9Z5			2	1.55			1	1.71
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q9D9Z1	Q9D9Z1	2	1.09						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q9D9W9	Q9D9W9			1	1.41			4	2.81
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:1700	Q9D9B7	Q9D9B7	1	0.34						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4921	Q9D5Y7	Q9D5Y7	5	1.10	6	1.01	2	0.80	2	0.95
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4921	Q8BK54	Q8BK54	6	1.34	9	1.63	10	1.37	6	1.17
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4921	Q8C650	Q8C650							1	1.01
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4921	Q9D5T0	Q9D5T0	4	1.14	3	1.71				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9CUQ5	Q9CUQ5	2	1.06	3	0.63	4	0.70	5	0.83
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9CUQ2	Q9CUQ2							1	0.45
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8C612	Q8C612	1	0.40						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8BVR6	Q8BVR6			1	2.51			1	1.41
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9CQ62	Q9CQ62			2	1.11				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8C0V7	Q8C0V7							1	0.26
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9D2G7	Q9D2G7	1	0.95						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8C1G8	Q8C1G8	1	2.11						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9D4Y6	Q9D4Y6					1	1.34		
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9D2F6	Q9D2F6	1	1.21	1	0.83				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9D4S5	Q9D4S5							1	3.52
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8CDP0	Q8CDP0	2	1.44						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q8CDN2	Q8CDN2					1	0.28		
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4930	Q9D4P9	Q9D4P9	1	1.81						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4931	Q9D4M2	Q9D4M2							1	0.11
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4931	Q8CDM8	Q8CDM8	1	0.64	5	1.81			2	0.99
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4931	Q9D2D7	Q9D2D7			1	0.01				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4931	Q9D4I7	Q9D4I7					1	2.44		
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q9D4I1	Q9D4I1			1	0.18				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8C0R9	Q8C0R9			1	16.41				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8CDI4	Q8CDI4							1	0.88
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8C0R2	Q8C0R2			1	144.71				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8C0Q6	Q8C0Q6			1	1.91				

Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8BH57	Q8BH57	1	1.00	1	2.17				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8CDG9	Q8CDG9	1	1.57			1	0.98	1	1.10
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8CDF9	Q8CDF9	9	2.06	9	1.32	5	1.21	7	1.23
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4932	Q8C0P0	Q8C0P0			1	2.27				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q8BVP1	Q8BVP1			1	1.08				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9D4A6	Q9D4A6	1	1.20	2	1.45	1	1.02		
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9CUD3	Q9CUD3			1	2.77				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9D470	Q9D470	1	0.82						
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q8BVN4	Q8BVN4							2	0.87
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9CPQ9	Q9CPQ9	5	1.42	9	1.41	3	1.77	8	1.60
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q8C0N0	Q8C0N0					1	1.10		
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9D404	Q9D404	2	1.24	3	1.42				
Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4933	Q9CRC1	Q9CRC1							1	1.85
Mus musculus adult male thymus cDNA, RIKEN full-length enriched library, clone:583	Q8BVL2	Q8BVL2	1	1.54	3	3.71			1	1.36
Mus musculus adult male thymus cDNA, RIKEN full-length enriched library, clone:583	Q8C0I1	Q8C0I1	6	1.63	5	1.35	1	1.17		
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:230	Q9D7P6	Q9D7P6			1	3.32			1	0.61
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9CPS7	Q9CPS7			1	0.78				
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9CR13	Q9CR13							1	0.84
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9D7F5	Q9D7F5	1	11.21						
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9D7A8	Q9D7A8	1	1.67					2	0.88
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9CRA2	Q9CRA2	2	1.68			1	1.52		
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9D773	Q9D773	1	1.61						
Mus musculus adult male tongue cDNA, RIKEN full-length enriched library, clone:231	Q9CR17	Q9CR17	4	0.89	4	1.60	1	1.07	1	0.83
Mus musculus adult male urinary bladder cDNA, RIKEN full-length enriched library, cl	Q8CBV3	Q8CBV3							2	1.25
Mus musculus adult male urinary bladder cDNA, RIKEN full-length enriched library, cl	Q8BZH0	Q8BZH0	1	0.25						
Mus musculus adult male xiphoid cartilage cDNA, RIKEN full-length enriched library,	Q8BPB5	Q8BPB5	1	5.44	1	3.83				
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930002H	Q8C8Y3	Q8C8Y3			1	0.94				
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930005E	Q8C8X7	Q8C8X7	3	2.65	4	1.72			7	1.68
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930014F	Q8BLL4	Q8BLL4					1	13.38		
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930017E	Q8BXQ1	Q8BXQ1	1	1.56						
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930021B	Q8C8T0	Q8C8T0	1	0.49						
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930021O	Q8C8S7	Q8C8S7	1	1.83					1	1.09
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930028N	Q8C8R3	Q8C8R3			1	2.73				
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930038D	Q9D1Y2	Q9D1Y2			1	0.92				
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930039G	Q8BI84	Q8BI84	1	1.65	3	1.49	2	0.95	1	0.99
Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930041C	Q8BXL2	Q8BXL2	1	1.46			1	1.94		
Mus musculus B6-derived CD11 +ve dendritic cells cDNA, RIKEN full-length enriched	Q8BHT6	Q8BHT6	1	1.97	5	2.08	1	2.04	5	1.33
Mus musculus brain cDNA, clone MNCb-2440, similar to Mus musculus partial cochle	Q9JJC6	Q9JJC6	1	2.15						
Mus musculus brain cDNA, clone MNCb-2844, similar to Mus musculus mCASP (cux)	Q9JJB6	Q9JJB6			1	1.22				
Mus musculus brain CRL-1443 BC3H1 cDNA, RIKEN full-length enriched library, clon	Q8BTI7	Q8BTI7							1	2.49
Mus musculus cDNA fis, clone TRACH2007688 (Wdr42a protein)	Q8N7N5	Q8N7N5	2	0.93	2	0.59				
Mus musculus cDNA fis, clone TRACH2025057, highly similar to UDP-glucuronosyltra	Q6ZQM8	Q6ZQM8	7	1.49	5	1.12	3	4.01	5	0.79
Mus musculus embryo RCB-0545 OHTA cDNA, RIKEN full-length enriched library, cl	Q8BTI8	Q8BTI8	2	1.71						
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410002G23	Q9CWW8	Q9CWW8					2	1.21	2	0.77
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410002M20	Q8BVY2	Q8BVY2	6	0.02	3	0.01	3	0.11	1	0.04
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410007N06	Q8C6C4	Q8C6C4	1	2.62	1	1.21			1	0.99
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410008J01	Q9CWQ9	Q9CWQ9	2	1.44	3	0.89	1	1.79	3	1.26
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410013I23 p	Q9CWP6	Q9CWP6	4	1.50	2	1.92	1	1.07		
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410015L18	Q9CWN7	Q9CWN7							1	1.30
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410018M08	Q8CEW7	Q8CEW7							1	0.17
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410024C15	Q9CWK5	Q9CWK5	9	1.41	7	1.71	2	0.80	6	0.66
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410046F21	Q9CWI3	Q9CWI3	1	2.32						
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410091C18	Q9CWG8	Q9CWG8	3	1.42	5	1.05	2	1.10		
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410130M07	Q9CRB2	Q9CRB2	1	1.53	2	1.43	2	1.01		
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410166I05 p	Q9CWE0	Q9CWE0	2	1.72	1	1.86	2	2.68		
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330006A15	Q8BX36	Q8BX36			1	1.02			2	0.90
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330011N11	Q8C7V3	Q8C7V3			1	3.19				
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330016J05	Q8BX09	Q8BX09	1	4.03	3	1.35				
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330018J07	Q8BX06	Q8BX06	3	1.72						
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330020M11	Q9CQ37	Q9CQ37	2	0.98	1	0.69				
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330023I24	Q8C7S8	Q8C7S8	2	1.01			2	2.21	2	3.19

Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330023M02	Q8BWZ3	Q8BWZ3	3	2.83	4	1.70			3	0.95	
Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:C330027C09	Q8BWY9	Q8BWY9							1	1.67	
Myc-associated zinc finger protein (MAZI) (Purine-binding transcription factor) (Pur-1)	P56671	MAZ_MOUSE	1	0.81	2	3.39	1	1.01	2	1.89	17188
MYG1 protein (Gamm1 protein)	Q9JK81	MYG1_MOUSE	1	1.85	2	0.43			1	0.57	60315
Myocardin-related transcription factor A (MRTF-A) (Megakaryoblastic leukemia 1 prot	Q8K4J6	MRTFA_MOUSE					1	1.21			223701
Myosin Ic (Myosin I beta) (MMIb)	Q9WTI7	MYO1C_MOUSE	1	1.41	4	1.68	1	1.56	2	1.51	17913
Myosin IIIA (EC 2.7.1.37)	Q8K3H5	MYO3A_MOUSE			1	0.19					214682
Myosin IXb (Unconventional myosin-9b)	Q9QY06	MYO9B_MOUSE	2	1.62	3	1.11			1	1.11	17925
Myosin light polypeptide 6 (Myosin light chain alkali 3) (Myosin light chain 3) (MLC-3)	Q60605	MYL6_MOUSE	2	2.99	3	2.68	1	3.10	1	0.45	17904
Myosin X	Q9JJY5	Q9JJY5	2	10.29					1	7.72	
Myotrophin (V-1 protein) (Granule cell differentiation protein)	P62774	MTPN_MOUSE	3	2.13	5	1.63	2	1.76	2	1.06	14489
Myotubularin-related protein 2 (EC 3.1.3.-)	Q9Z2D1	MTMR2_MOUSE			1	1.73					77116
Myotubularin-related protein 9	Q9Z2D0	MTMR9_MOUSE	3	1.31	3	3.89	3	1.33			210376
N(4)-(beta-N-acetylglucosaminyl)-L-asparaginase precursor (EC 3.5.1.26) (Glycosyla	Q64191	ASPG_MOUSE	4	1.04	4	1.16	1	0.34	4	0.55	11593
N-acetyltransferase 6 (EC 2.3.1.-) (Fus-2 protein) (Fusion 2 protein)	Q9R123	NAT6_MOUSE							1	1.53	56441
NAD-dependent deacetylase sirtuin 2 (EC 3.5.1.-) (SIR2-like protein 2) (mSIR2L2)	Q8VDQ8	SIRT2_MOUSE			2	1.55			1	1.24	64383
NAD-dependent deacetylase sirtuin 5 (EC 3.5.1.-) (SIR2-like protein 5)	Q8K2C6	SIRT5_MOUSE	1	1.55	1	2.70	1	0.80	2	1.08	68346
NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Mal	Q99KE1	MAOM_MOUSE	4	1.78	4	1.58	2	0.74	3	1.04	107029
NADH dehydrogenase (Ubiquinone) Fe-S protein 6	Q5M9J7	Q5M9J7	6	1.58	8	1.06	5	1.24	4	1.49	
NADH-cytochrome b5 reductase (EC 1.6.2.2) (B5R) (Diaphorase 1)	Q9DCN2	NCB5R_MOUSE							3	28.31	
NADH-ubiquinone oxidoreductase 13 kDa-B subunit (EC 1.6.5.3) (EC 1.6.99.3) (Com	Q9CPP6	NUFM_MOUSE			1	1.41					68202
NADH-ubiquinone oxidoreductase 15 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Comple	Q99LY9	NIPM_MOUSE	1	1.08	1	2.07	1	2.35			170658
NADH-ubiquinone oxidoreductase 19 kDa subunit (EC 1.6.5.3) (EC 1.6.99.3) (Comple	Q9DCJ5	NUPM_MOUSE	2	1.47	1	0.95			1	1.49	68375
NADH-ubiquinone oxidoreductase 20 kDa subunit, mitochondrial precursor (EC 1.6.5.	Q9DC70	NUKM_MOUSE			1	1.92			2	1.03	75406
NADH-ubiquinone oxidoreductase 39 kDa subunit, mitochondrial precursor (EC 1.6.5.	Q9DC69	NUEM_MOUSE			1	0.66					66108
NADH-ubiquinone oxidoreductase 42 kDa subunit, mitochondrial precursor (EC 1.6.5.	Q99LC3	NUDM_MOUSE	1	0.68							67273
NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor (EC 1.6.5.	Q91YT0	NUBM_MOUSE	9	2.06	5	1.83	3	0.85	8	1.17	17995
NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor (EC 1.6.5.	Q91VD9	NUAM_MOUSE	7	1.29	5	1.12	4	0.84	3	0.97	227197
NADH-ubiquinone oxidoreductase B18 subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-	Q9CR61	NB8M_MOUSE	4	1.02	4	1.34	3	1.72			66916
NADH-ubiquinone oxidoreductase B22 subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-	Q9CQJ8	NI2M_MOUSE	1	1.24	4	1.26			2	0.86	66218
NADH-ubiquinone oxidoreductase B8 subunit (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-E	Q9CQ75	NI8M_MOUSE	1	1.17							17991
NADH-ubiquinone oxidoreductase PDSW subunit (EC 1.6.5.3) (EC 1.6.99.3) (Comple	Q9DCS9	NIDM_MOUSE	1	0.42	4	1.34					68342
NADH-ubiquinone oxidoreductase subunit B14.5a (EC 1.6.5.3) (EC 1.6.99.3) (Comple	Q9Z1P6	N4AM_MOUSE	2	0.93	2	0.93	3	0.71	2	0.49	66416
NADH-ubiquinone oxidoreductase subunit B14.7 (EC 1.6.5.3) (EC 1.6.99.3) (Complex	Q9D8B4	N5BM_MOUSE	1	1.24	2	1.41	3	0.85	4	1.11	69875
NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenod	Q61578	ADRO_MOUSE	1	0.89	1	0.93	2	0.85			14149
NADPH--cytochrome P450 reductase (EC 1.6.2.4) (CPR) (P450R)	P37040	NCPR_MOUSE	8	1.29	5	1.19	2	1.09	2	1.01	18984
Naglu (EC 3.2.1.50)	O54752	O54752			1	0.96	1	1.23			
NALP-beta (Fragment)	Q66X24	Q66X24	1	4.09			1	1.37			
Nardilysin precursor (EC 3.4.24.61) (N-arginine dibasic convertase) (NRD convertase	Q8BHG1	NRDC_MOUSE	2	1.20	2	1.16			3	1.00	230598
NARG2 (NMDA receptor-regulated gene 2)	Q7TNL8	Q7TNL8							1	0.06	
Natural killer cell receptor (Fragment)	O88365	O88365							1	0.08	
Natural killer cell receptor-P1 (Fragment)	Q61970	Q61970							1	0.99	
Nedd-4-like E3 ubiquitin-protein ligase WWP2 (EC 6.3.2.-) (WW domain-containing pr	Q9DBH0	WWP2_MOUSE	2	0.98	1	0.92					66894
NEDD8 ultimate buster-1 (BS4 protein)	P54729	NUB1_MOUSE	2	1.49	2	1.63	1	3.09	4	1.99	53312
NEDD9 interacting protein with calponin homology and LIM domains (Molecule intera	Q8VDP3	MICA1_MOUSE			3	1.43			4	1.17	171580
Negative elongation factor B (NELF-B)	Q8C4Y3	NELFB_MOUSE	1	1.16	2	0.46					58202
Negative elongation factor D (NELF-D) (TH1-like protein)	Q922L6	NELFD_MOUSE			2	1.51			1	0.32	57314
Neighbor of COX4	O70378	NOC4_MOUSE	2	1.68	1	1.24	3	1.66	1	1.10	18117
Netrin G2 precursor (Laminet-2)	Q8R4F1	NTNG2_MOUSE							1	1.52	171171
Netrin-1 precursor	O09118	NET1_MOUSE			1	4.00					18208
Neural-restrictive silencer factor nrsf/rest	Q8VIG1	Q8VIG1			2	0.45			2	6.58	
Neurobeachin protein (Lysosomal trafficking regulator 2)	Q9EPN1	NBEA_MOUSE					1	2.29			26422
Neurofibromin (Neurofibromatosis-related protein NF-1)	Q04690	NF1_MOUSE	1	1.53							18015
Neurogenic locus notch homolog protein 2 precursor (Notch 2) (Motch B)	O35516	NOTC2_MOUSE	4	1.33	3	1.69	4	2.06	17	1.29	18129
Neurolysin (Metallopeptidase M3 family) (Mus musculus adult male diencephalon cDN	Q91YP2	Q91YP2			2	1.82			3	1.46	
Neuronal calcium sensor 1 (NCS-1) (Frequenin homolog)	Q8BNY6	NCS1_MOUSE	1	1.45	1	1.00					14299
Neuropathy target esterase homolog	Q9R114	Q9R114	1	0.29							
Neurturin precursor	P97463	NRTN_MOUSE	1	0.94							18188
Neutral alpha-glucosidase AB precursor (EC 3.2.1.84) (Glucosidase II alpha subunit)	Q8BHN3	GA2A_MOUSE	11	1.28	12	1.22	6	0.94	6	0.86	14376
NG,NG-dimethylarginine dimethylaminohydrolase 2 (EC 3.5.3.18) (Dimethylargininas	Q99LD8	DDAH2_MOUSE	4	1.26	3	1.12	2	0.79	2	0.68	51793
NGFI-A binding protein 2 (EGR-1 binding protein 2)	Q61127	NAB2_MOUSE			1	1.50					17937

N-glycanase 1 (Mus musculus 12 days embryo head cDNA, RIKEN full-length enriche	Q8K113	Q8K113			1	2.26	1	1.50	2	3.87	
NHP2-like protein 1 (High mobility group-like nuclear protein 2 homolog 1) ([U4/U6.U5	Q9D0T1	NHPX_MOUSE	11	1.17	13	1.96	7	1.25	3	0.76	20826
Niban protein (Fragment)	Q6PE79	Q6PE79	6	1.70	8	1.02	4	1.37	2	0.55	
Niban-like protein	Q8R1F1	NIBL_MOUSE	5	1.23	5	1.57	5	2.82	3	1.08	227737
Nibrin	O88981	O88981	1	2.32			1	1.46	2	1.54	
Nicotinamide N-methyltransferase (EC 2.1.1.1)	O55239	NNMT_MOUSE	1	1.86	1	1.73	1	1.11			18113
Nidogen precursor (Entactin)	P10493	NIDO_MOUSE							2	2.33	18073
Nidogen-2 precursor (NID-2) (Entactin-2)	O88322	NID2_MOUSE			4	3.91			4	0.51	18074
Niemann-Pick C1 protein precursor	O35604	NPC1_MOUSE	1	1.60	2	1.01			3	1.13	18145
Nipped-B-like protein (Delangin homolog) (SCC2 homolog)	Q6KCD5	NPBL_MOUSE			1	0.50			2	0.74	71175
NipSnap2 protein (Glioblastoma amplified sequence)	O55126	NIPS2_MOUSE	1	1.17	1	1.12					14467
Nit protein 2 (Nit2 protein) (Mus musculus 18-day embryo whole body cDNA, RIKEN f	Q9JHW2	Q9JHW2	4	1.70	3	1.45	1	1.77	1	1.62	
NMDA receptor regulated protein 1 (N-terminal aceyltransferase 1) (Tubedown-1 prot	Q80UM3	NARG1_MOUSE	1	4.21	1	2.40			2	1.60	74838
N-myc-interactor (Nmi) (N-myc and STAT interactor)	O35309	NMI_MOUSE	4	1.84	4	1.37	1	12.73	5	1.29	64685
Nodal modulator 1	Q6GQT9	Q6GQT9	1	1.17							
Non-erythrocyte beta spectrin	Q9QWJ7	Q9QWJ7	2	1.29							
Nonmuscle heavy chain myosin II-A	Q8VDD5	Q8VDD5	7	3.63	7	3.80	5	1.31	8	1.78	
Non-POU-domain-containing, octamer binding protein (Mus musculus 12 days embry	Q99K48	Q99K48	22	1.50	23	1.97	6	1.10	12	0.88	
Nonsyndromic hearing impairment protein 5 homolog	Q9Z2D3	DFNA5_MOUSE					1	0.60			54722
NOP seven associated protein 1	Q8VCG3	NSA1_MOUSE			1	4.32					107071
NOV protein homolog precursor (NovH) (Nephroblastoma overexpressed gene protei	Q64299	NOV_MOUSE	3	1.88	5	4.09	1	0.62	18	0.36	18133
Novel protein	Q5SSK3	Q5SSK3	1	0.98	1	6.72					
Novel protein	Q5SUR0	Q5SUR0	8	1.45	12	1.71	6	1.30	7	1.71	
Novel protein	Q5SWW4	Q5SWW4							1	3.19	
Novel protein	Q5SYH2	Q5SYH2			1	2.03			1	1.06	
Novel protein (2310079P12Rik)	Q5SQF8	Q5SQF8			1	2.82			1	0.84	
Novel protein similar to Tensin Tns	Q5SSZ5	Q5SSZ5	3	1.44	3	0.80	2	3.46			
Novel ZZ type zinc finger domain containing protein	Q5SSH7	Q5SSH7			2	1.01	1	1.36	2	0.95	
Npepl1 protein	Q6NSR8	Q6NSR8	3	1.30	3	1.59					
NPL4 protein	P60670	NPL4_MOUSE	4	1.15	2	1.40			1	2.51	217365
NST-1	Q60637	Q60637	2	2.24	3	0.95	2	1.32	2	1.39	
Nuclear cap binding protein subunit 2 (20 kDa nuclear cap binding protein) (NCBP 20	Q9CQ49	NCBP2_MOUSE	1	8.12	1	4.06	1	2.99	2	1.37	68092
Nuclear envelope pore membrane protein POM 121 (Pore membrane protein of 121 k	Q8K3Z9	PO121_MOUSE							1	1.30	
Nuclear factor NF-kappa-B p100 subunit (DNA-binding factor KBF2) [Contains: Nucle	Q9WTK5	KBF2_MOUSE			1	0.42			2	1.20	18034
Nuclear factor NF-kappa-B p105 subunit (DNA-binding factor KBF1) (EBP-1) (NF-kap	P25799	KBF1_MOUSE	2	3.66	5	1.05	1	0.72	2	1.36	18033
Nuclear FMRP interacting protein 1 (Nuclear fragile X mental retardation protein inter	Q9QXX8	Q9QXX8			1	0.76					
Nuclear membrane binding protein NUCLING	Q8CGB3	Q8CGB3	2	1.05	1	1.42	1	0.70			
Nuclear mitotic apparatus protein 1	Q80Y35	Q80Y35	11	1.40	8	1.16	2	0.93	4	1.09	
Nuclear pore complex protein Nup133 (Nucleoporin Nup133) (133 kDa nucleoporin)	Q8R0G9	NU133_MOUSE	2	0.86							234865
Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) ((	Q9Z0W3	NU160_MOUSE	5	1.27	7	1.36	3	1.37	8	2.51	59015
Nuclear pore complex protein Nup88 (Nucleoporin Nup88) (88 kDa nuclear pore com	Q8CEC0	NUP88_MOUSE	1	2.68	6	1.50			3	2.59	19069
Nuclear pore complex protein Nup93 (Nucleoporin Nup93) (93 kDa nucleoporin) (CBF	Q8BJ71	NUP93_MOUSE	3	1.26							71805
Nuclear receptor coactivator 3 (EC 2.3.1.48) (NCoA-3) (Thyroid hormone receptor act	O09000	NCOA3_MOUSE					1	4.42			17979
Nuclear receptor corepressor 2 (N-CoR2) (Silencing mediator of retinoic acid and thyr	Q9WU42	NCOR2_MOUSE	2	0.18	1	0.65			3	0.59	20602
Nuclear receptor ROR-beta (Nuclear receptor RZR-beta)	Q8R1B8	RORB_MOUSE	1	2.19							225998
Nuclear RNA export factor 1 (Tip associating protein) (Tip-associated protein) (mRNA	Q99JX7	NXF1_MOUSE							2	1.05	53319
Nuclear transplantation upregulated protein 1	Q8K411	Q8K411	13	1.39	12	0.99	5	0.97	7	0.99	
Nuclear transport factor 2 (NTF-2)	P61971	NTF2_MOUSE	2	2.33	2	2.15			1	0.98	68051
Nuclear valosin-containing protein-like (Nuclear VCP-like protein) (NVLp)	Q9DBY8	NVL_MOUSE	1	4.54	1	2.86					67459
Nucleolar protein 1	Q922K7	Q922K7	2	1.48	1	1.41					
Nucleolar protein 3	Q9D1X0	NOL3_MOUSE	2	2.19	2	0.81	2	1.84	3	1.21	78688
Nucleolar protein family A member 1 (snoRNP protein GAR1) (H/ACA ribonucleoprote	Q9CY66	NOLA1_MOUSE							1	0.83	68147
Nucleolar protein Nop56 (Nucleolar protein 5A)	Q9D6Z1	NOP56_MOUSE	2	1.51	2	0.81	1	0.72			67134
Nucleoplasmin 3	Q9CPP0	NPM3_MOUSE	2	1.13	2	1.16	2	1.38	4	1.13	18150
Nucleoporin 153	Q80WR0	Q80WR0	4	1.80	11	4.06	3	0.93	14	1.25	
Nucleoporin-like protein RIP (HIV-1 Rev-binding protein homolog)	Q8K2K6	NUPL_MOUSE	1	9.79	1	1.69	1	1.15	4	1.09	15463
Nucleoside diphosphate kinase 6 (EC 2.7.4.6) (NDK 6) (NDP kinase 6) (nm23-M6)	O88425	NDK6_MOUSE							2	1.45	54369
Nucleosome assembly protein 1-like 1 (NAP-1 related protein) (Brain protein DN38)	P28656	NP1L1_MOUSE	3	20.44	1	7.29	1	1.69	2	1.16	53605
Numb-like protein	O08919	NUMBL_MOUSE	1	1.81							18223
Nup98 protein	Q6PFD9	Q6PFD9	1	1.25	1	2.75					
Olfactory receptor MOR18-1 (Olfactory receptor Olfr558) (Prostate overexpressed G p	Q8VGZ7	Q8VGZ7			1	1.64					

Olfactory receptor MOR210-5 (Olfactory receptor Olfr827)	Q8VEV5	Q8VEV5			1	99.18					
Olfactory receptor MOR224-2 (Olfactory receptor Olfr975)	Q8VG91	Q8VG91			1	1.10					
Olfactory receptor MOR261-13 (Olfactory receptor Olfr448)	Q8VES9	Q8VES9	1	0.36							
Olfactory receptor MOR279-1	Q8VFA2	Q8VFA2							1	0.76	
Olfactory receptor Olfr867	Q7TRF3	Q7TRF3	2	1.24							
Oligophrenin 1	Q99J31	OPHN1_MOUSE			1	1.13					94190
Oligosaccharyl transferase STT3 subunit homolog (B5) (Integral membrane protein 1)	P46978	STT3_MOUSE	4	1.39	2	1.28					16430
Oncostatin M specific receptor	O70458	O70458	1	3.36	1	1.16			1	1.21	
Orf protein	P70212	P70212	1	1.05	1	2.04					
Origin recognition complex subunit 6	Q9WUJ8	ORC6_MOUSE			1	1.28					56452
Ornithine aminotransferase, mitochondrial precursor (EC 2.6.1.13) (Ornithine--oxo-aci	P29758	OAT_MOUSE	11	1.15	9	1.04	8	0.90	10	0.85	18242
Orphan nuclear receptor NR6A1 (Germ cell nuclear factor) (GCNF) (Retinoid receptor	Q64249	NR6A1_MOUSE			1	2.45					14536
Ortholog of human candidate tumor suppressor in ovarian cancer 2 OVCA2 (Mus mus	Q9D7E3	Q9D7E3	2	1.30	1	0.58			2	1.59	
Ortholog of human Ras association (RalGDS/AF-6) and pleckstrin homology domains	Q5SR98	Q5SR98							1	3.61	
Osteoclast inhibitory lectin related protein 2 (Lymphoid-derived C-type lectin-1b)	Q8BFR3	Q8BFR3					1	1.59			
Osteoclast stimulating factor 1 (SH3 domain protein 3)	Q62422	OSTF1_MOUSE	6	1.68	5	1.42			3	0.60	20409
Otoferlin (Fer-1 like protein 2)	Q9ESF1	OTOF_MOUSE							1	2.24	83762
OTTMUSP00000000515	Q5SSA0	Q5SSA0							1	20.04	
Outer dense fiber protein	Q61999	ODFP_MOUSE					1	0.08			18285
Oxysterol binding protein-related protein 11 (OSBP-related protein 11) (ORP-11)	Q8CI95	OSR11_MOUSE					1	2.23			106326
Oxysterol binding protein-related protein 2 (OSBP-related protein 2) (ORP-2)	Q8BX94	OSR2_MOUSE							1	0.67	228983
Oxysterol-binding protein-like protein 1b	Q673L8	Q673L8	1	0.84							
P2X purinoceptor 7 (ATP receptor) (P2X7) (Purinergic receptor) (P2Z receptor)	Q9Z1M0	P2RX7_MOUSE			1	1.51					18439
Pafah1b2 protein	Q6PKE6	Q6PKE6	3	1.92							
Paired amphipathic helix protein Sin3a	Q60520	SIN3A_MOUSE	4	1.32	3	2.06	1	9.06	3	0.78	20466
Paladin protein	P70261	P70261	1	0.76							
Pancreatic alpha-amylase precursor (EC 3.2.1.1) (PA) (1,4-alpha-D-glucan glucanohy	P00688	AMYP_MOUSE	1	0.61	1	5.06			1	2.95	11723
Pancreatitis-induced protein 49 (Mus musculus adult male corpora quadrigemina cDN	Q99ML4	Q99ML4			1	1.33					
Pantophysin (Synaptophysin-like protein)	O09117	SYPL_MOUSE	1	0.79	1	0.24					19027
PAP associated domain containing 4	Q91YI6	Q91YI6	1	0.42	1	0.80			1	11.98	
Papilin	Q9EPX2	Q9EPX2							2	4.28	
Paraspeckle protein 1 (Mus musculus 10 days embryo whole body cDNA, RIKEN full-	Q8R326	Q8R326	2	1.03	2	1.29					
PAS domain containing serine/threonine-protein kinase (EC 2.7.1.37) (PAS-kinase) (F	Q8CEE6	PASK_MOUSE			1	1.05					269224
PDZ and LIM domain 2	Q8R1G6	Q8R1G6	2	14.42	1	0.59			3	2.13	
PDZ domain actin binding protein Shroom	Q9QXN0	Q9QXN0							1	0.28	
Pelota homolog	Q80X73	PELO_MOUSE	2	1.98			2	1.65	1	1.48	105083
Peptidyl-prolyl cis-trans isomerase C (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin C	P30412	PPIC_MOUSE	1	0.39							19038
Peptidyl-prolyl cis-trans isomerase E (EC 5.2.1.8) (PPIase E) (Rotamase E) (Cyclophi	Q9QZH3	PPIE_MOUSE			1	4.86			2	1.14	56031
Peptidyl-prolyl cis-trans isomerase like 1 (EC 5.2.1.8) (PPIase) (Rotamase)	Q9D0W5	PPIL1_MOUSE	2	1.52	2	1.63					68816
Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1 (EC 5.2.1.8) (Rotamase Pin1) (	Q9QUR7	PIN1_MOUSE	1	1.07							23988
Peptidyl-tRNA hydrolase 2, mitochondrial precursor (EC 3.1.1.29) (PTH 2)	Q8R2Y8	PTH2_MOUSE	4	0.85	3	1.06			2	0.75	217057
Peri implantation stem cell 1	Q5SFM8	Q5SFM8	1	2.25							
Pericentrin 2	P48725	PCNT2_MOUSE	1	0.01							18541
Periodic tryptophan protein 2 homolog	Q8BU03	PWP2_MOUSE					1	0.01	1	0.16	110816
Periostin precursor (PN) (Osteoblast specific factor 2) (OSF-2)	Q62009	POSTN_MOUSE	3	1.93	2	3.19	4	0.94	4	0.55	50706
Peripheral plasma membrane protein CASK (EC 2.7.1.-) (Calcium/calmodulin-depend	O70589	CSKP_MOUSE	10	1.15	2	1.63					12361
Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral b	Q7TNF8	RIMB1_MOUSE							1	3.07	207777
Peroxiredoxin 1 (EC 1.11.1.15) (Thioredoxin peroxidase 2) (Thioredoxin-dependent p	P35700	PRDX1_MOUSE	9	2.34	13	1.83	13	2.22	17	2.01	18477
Peroxiredoxin 2 (EC 1.11.1.15) (Thioredoxin peroxidase 1) (Thioredoxin-dependent p	Q61171	PRDX2_MOUSE			5	4.17	2	1.19	3	0.82	21672
Peroxiredoxin 4 (EC 1.11.1.15) (Prx-IV) (Thioredoxin peroxidase AO372) (Thioredoxir	O08807	PRDX4_MOUSE	3	1.35	5	1.71	2	1.74	4	0.93	53381
Peroxisomal acyl-coenzyme A thioester hydrolase 1 (EC 3.1.2.2) (Peroxisomal long-c	P58137	PTE1_MOUSE	2	1.51							170789
Peroxisomal biogenesis factor 19 (Peroxin 19) (Peroxisomal farnesylated protein) (Px	Q8VCI5	PEX19_MOUSE	3	3.16							
Peroxisomal carnitine O-octanoyltransferase (EC 2.3.1.137) (COT)	Q9DC50	OCTC_MOUSE	3	1.68	2	1.77	2	1.49	8	2.59	74114
Peroxisomal D2,D4-dienoyl-CoA reductase (2-4-dienoyl-Coenzyme A reductase 2, pe	Q9WV68	Q9WV68	5	1.35	2	1.37	1	1.02	3	0.82	
Peroxisomal trans-2-enoyl-CoA reductase (EC 1.3.1.38)	Q99MZ7	PECR_MOUSE	2	1.24	2	1.37	2	1.17	1	1.32	
Peroxisome assembly factor-2 (PAF-2) (Peroxisomal-type ATPase 1) (Peroxin-6) (Pe	Q99LC9	PEX6_MOUSE	1	0.93	1	1.39					224824
PHD finger protein 6	Q9D4J7	PHF6_MOUSE	1	5.27	2	1.12			4	1.71	70998
PHD finger-like domain protein 5A (Splicing factor 3B associated 14 kDa protein) (SF3	P83870	PHF5A_MOUSE	6	3.88	6	2.24	6	1.07	9	1.26	68479
Phosducin-like protein 3 (Viral IAP-associated factor 1) (VIAF-1)	Q8BVF2	PDCL3_MOUSE					1	1.91			68833
Phosphate carrier protein, mitochondrial precursor (PTP)	Q8VEM8	MPCP_MOUSE	6	2.06	9	2.41	8	1.04	18	1.38	18674
Phosphatidyl inositol phosphate kinase type II gamma (Phosphatidylinositol-4-phosph	Q91XU3	Q91XU3	1	1.15	2	0.93					

Phosphatidylethanolamine-binding protein (PEBP) (HCNPpp) [Contains: Hippocampa	P70296	PEBP_MOUSE	3	2.53							23980
Phosphatidylinositol 4-kinase type II-like	Q8VC15	Q8VC15			1	1.12					
Phosphatidylinositol 4-kinase, catalytic, alpha polypeptide	Q6DIC7	Q6DIC7	1	0.60	2	0.87	3	0.71	4	1.43	
Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q (EC 2.4.1.198) (Phos	Q9QYT7	PIGQ_MOUSE			1	1.15					14755
Phosphatidylinositol transfer protein alpha isoform (PtdIns transfer protein alpha) (Ptd	P53810	PIPNA_MOUSE			2	1.24	1	1.46	2	1.26	18738
Phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase PTEN (EC 3.1.3.67) (Mutatec	O08586	PTEN_MOUSE	2	1.91							19211
Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, alpha isoform (EC 2.	P42337	PK3CA_MOUSE			1	2.88			1	0.68	18706
Phosphatidylinositol-4-phosphate 5-kinase type II alpha (EC 2.7.1.149) (PIP5KII-alpha	O70172	PI52A_MOUSE			1	0.76					18718
Phosphatidylinositolglycan class N	Q9R1S3	Q9R1S3			1	0.52					
Phosphatidylserine decarboxylase proenzyme (EC 4.1.1.65) [Contains: Phosphatidyls	Q8BSF4	PISD_MOUSE	1	2.54	1	0.95			2	0.46	320951
Phosphoenolpyruvate carboxykinase, mitochondrial precursor [GTP] (EC 4.1.1.32) (P	Q8BH04	PPCKM_MOUSE	1	1.37					3	1.54	74551
Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycera	Q9DBJ1	PGAM1_MOUSE	6	1.39	5	1.22	3	2.03	3	0.77	18648
Phosphoinositide 3-kinase	Q61182	Q61182							1	0.94	
Phospholipase A2 receptor precursor	Q62028	Q62028	1	0.30	6	0.89	3	0.62	4	1.38	
Phospholipase C beta 4	Q91UZ1	Q91UZ1	1	1.34					1	0.68	
Phospholipid scramblase 3 (PL scramblase 3) (Ca(2+)-dependent phospholipid scram	Q9JIZ9	PLS3_MOUSE	1	4.07	3	5.52	1	0.58	6	0.75	70310
Phosphomevalonate kinase (EC 2.7.4.2) (PMKase)	Q9D1G2	PMVK_MOUSE	1	1.88	3	1.35					68603
Phosphoserine aminotransferase (EC 2.6.1.52) (PSAT) (Endometrial progesterone-in	Q99K85	SERC_MOUSE	11	1.64	2	2.41	1	1.81			107272
Phosphotriesterase related protein (Parathion hydrolase-related protein)	Q60866	PTER_MOUSE	2	1.04			1	1.54	3	2.95	19212
Pianissimo	Q6QI06	Q6QI06	1	0.38							
Pigx protein (Mus musculus adult male small intestine cDNA, RIKEN full-length enrich	Q99LV7	Q99LV7			1	0.33					
Pik3r4 protein	Q8VD65	Q8VD65					1	1.06			
Pilin-like transcription factor	Q78J03	Q78J03	2	1.34	2	1.59					
Placental thrombin inhibitor (Protease inhibitor 6) (PI-6) (Serpin B6)	Q60854	SPB6_MOUSE	3	1.31	4	1.40	7	1.92	18	1.47	20719
Plakophilin 3	Q9QY23	PKP3_MOUSE			1	0.43					56460
Plasma membrane Ca++ transporting ATPase 4 splice variant b	Q6Q477	Q6Q477	1	2.10							
Plasminogen precursor (EC 3.4.21.7) [Contains: Angiostatin]	P20918	PLMN_MOUSE			2	0.21			1	6.18	18815
Plastin 3, (T-plastin)	Q99K51	Q99K51	2	1.78	1	1.14					
Platelet-activating factor acetylhydrolase IB alpha subunit (PAF acetylhydrolase 45 kD	P63005	LIS1_MOUSE	3	1.03	3	1.20	2	1.36	2	1.03	18472
Platelet-activating factor acetylhydrolase IB gamma subunit (EC 3.1.1.47) (PAF acetyl	Q61205	PA1B3_MOUSE	1	2.14							18476
Platelet-endothelial tetraspan antigen 3 (PETA-3) (GP27) (Membrane glycoprotein SF	O35566	CD151_MOUSE							1	0.39	12476
Pleckstrin homology domain containing family C member 1	Q8CIB5	PKHC1_MOUSE	2	1.51	3	0.81	1	1.63	3	1.19	218952
Pleckstrin homology domain-containing protein family A member 2 (Tandem PH doma	Q9ERS5	PLEA2_MOUSE	2	0.75							83436
Plectin 10	Q6S385	Q6S385			1	3.94					
Pleiotrophin precursor (PTN) (Heparin-binding growth-associated molecule) (HB-GAM	P63089	PTN_MOUSE	3	1.17	2	1.81			2	1.13	19242
Pleiotropic regulator 1	Q922V4	PLRG1_MOUSE	1	1.48	1	6.72					53317
Plekhf1 protein	Q99M16	Q99M16	1	0.52							
Plexin 1	P70206	P70206	1	2.24	2	2.36			5	1.08	
Plexin 2	P70207	P70207	1	0.71	3	1.12			4	0.22	
Plexin 3	P70208	P70208			1	4.10			2	2.63	
Plexin D1	Q68HV1	Q68HV1	1	6.94	2	1.04					
Plxnb2 protein	Q8K2J5	Q8K2J5	2	1.36	2	1.41	1	1.22	2	0.95	
Pogo transposable element with ZNF domain	Q8BZH4	POGZ_MOUSE							1	0.68	229584
Poly (ADP-ribose) polymerase family, member 8	Q8VCB5	Q8VCB5	1	1.21							
Poly(A)-specific ribonuclease PARN (EC 3.1.13.4) (Polyadenylate-specific ribonuclea	Q8VDG3	PARN_MOUSE							1	0.64	
Poly(ADP-ribose) glycohydrolase (EC 3.2.1.143)	O88622	PARG_MOUSE	1	0.76					1	1.68	26430
Poly(rC)-binding protein 1 (Alpha-CP1) (hnRNP-E1)	P60335	PCBP1_MOUSE	4	1.36	11	1.19	1	1.64	4	1.62	23983
Poly(rC)-binding protein 2 (Alpha-CP2) (Putative heterogeneous nuclear ribonucleopr	Q61990	PCBP2_MOUSE	7	1.91	4	1.38			2	1.17	18521
Polyadenylate-binding protein-interacting protein 1 (Poly(A) binding protein-interacting	Q8VE62	PAIP1_MOUSE	1	1.46	3	1.06	1	1.47	2	1.27	218693
Polycomb complex protein BMI-1	P25916	BMI1_MOUSE	2	1.18	2	1.29			2	0.88	12151
Polycystic kidney disease 1 protein	O08852	O08852			1	0.13					
Polycystin 2	O35245	PKD2_MOUSE	1	1.69	1	2.01					18764
Polymerase delta interacting protein 2	Q91VA6	PDIP2_MOUSE	2	0.76							67811
Polypeptide N-acetylgalactosaminyltransferase 10 (EC 2.4.1.41) (Protein-UDP acetyl	Q6P9S7	GLT10_MOUSE							1	0.27	171212
Polypeptide N-acetylgalactosaminyltransferase 11 (EC 2.4.1.41) (Protein-UDP acetyl	Q921L8	GLT11_MOUSE			1	1.33					231050
Polypeptide N-acetylgalactosaminyltransferase 13 (EC 2.4.1.41) (Protein-UDP acetyl	Q8CF93	GLT13_MOUSE					1	0.77			271786
Polypeptide N-acetylgalactosaminyltransferase 2 (EC 2.4.1.41) (Protein-UDP acetylga	Q6PB93	GALT2_MOUSE	5	0.96	6	0.76	5	0.88	7	1.06	108148
Postmeiotic segregation increased 1	Q8K119	Q8K119							1	2.49	
Potassium channel mKv3.2 (Fragment)	P70311	P70311							1	1.23	
Potential phospholipid-transporting ATPase IB (EC 3.6.3.1) (ATPase class I type 8A n	P98200	AT8A2_MOUSE	1	1.29							50769
Potential phospholipid-transporting ATPase VD (EC 3.6.3.1) (ATPVD)	Q8K2X1	AT10D_MOUSE							1	0.33	231287

Ppat protein	Q8CIH9	Q8CIH9			2	10.00	1	14.98	3	3.42	
Ppig protein (Fragment)	Q80VC1	Q80VC1			1	0.56					
PR-domain zinc finger protein 1 (Beta-interferon gene positive-regulatory domain I bin	Q60636	PRDM1_MOUSE							1	6.46	12142
Pre-B-cell leukemia transcription factor interacting protein 1 (Pbxip1 protein) (Mus mu	Q8R319	Q8R319	2	1.90	3	1.52	2	1.00	4	0.78	
Preferentially expressed antigen in melanoma-like protein	Q99MW3	Q99MW3			1	4.92					
Pre-mRNA branch site protein p14 (SF3B 14 kDa subunit)	P59708	PM14_MOUSE	3	1.48	3	1.77	3	1.19	6	1.13	66055
Pre-mRNA cleavage complex II protein Clp1	Q99LI9	CFP1_MOUSE			1	56.62					
Pre-mRNA processing 8 protein	Q99PV0	Q99PV0	9	1.69	5	2.24	4	2.19	8	2.99	
Pre-mRNA splicing factor PRP17 (Cell division cycle 40 homolog)	Q9DC48	PRP17_MOUSE			1	3.42					71713
Prenylcysteine oxidase precursor (EC 1.8.3.5)	Q9CQF9	PCYOX_MOUSE	2	1.32	2	0.91					
Probable ATP-dependent 61 kDa nucleolar RNA helicase (EC 3.6.1.-) (DEAD-box pro	Q9D0R4	DDX56_MOUSE	1	1.77	1	1.05					52513
Probable ATP-dependent helicase DDX48 (DEAD-box protein 48)	Q91VC3	DDX48_MOUSE	1	1.54							192170
Probable ATP-dependent RNA helicase DDX27 (DEAD-box protein 27)	Q921N6	DDX27_MOUSE			2	4.92			2	1.14	228889
Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) (CATP)	Q9EPE9	AT131_MOUSE			1	1.22					170759
Probable dimethyladenosine transferase (EC 2.1.1.-) (S-adenosylmethionine-6-N',N'-a	Q9D0D4	DIMH_MOUSE			1	3.19					66254
Probable ergosterol biosynthetic protein 28	Q9ERY9	ERG28_MOUSE			2	1.82			2	0.75	58520
Probable leucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.4) (Leucine--tRN	Q8VDC0	SYLM_MOUSE	3	0.76	2	0.88					102436
Probable ribosome biogenesis protein NEP1 (C2f protein)	O35130	NEP1_MOUSE	1	1.19	1	1.04					14791
Probable ubiquitin carboxyl-terminal hydrolase CYLD (EC 3.1.2.15) (Ubiquitin thiolest	Q80TQ2	CYLD_MOUSE							1	2.24	74256
Probable ubiquitin carboxyl-terminal hydrolase FAF-X (EC 3.1.2.15) (Ubiquitin thiolest	P70398	USP9X_MOUSE	1	2.47	4	3.28	4	2.98	4	1.40	22284
Procollagen C-proteinase enhancer protein precursor (PCPE) (Type I procollagen CO	Q61398	PCOLC_MOUSE	12	1.31	7	1.63	2	1.12			18542
Procollagen type V alpha 2	Q61431	Q61431			1	2.79			1	1.32	
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 precursor (EC 1.14.11.4) (Lysyl hy	Q9R0E2	PLOD1_MOUSE	1	2.32	2	1.68	1	1.55	4	1.09	18822
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 precursor (EC 1.14.11.4) (Lysyl hy	Q9R0B9	PLOD2_MOUSE	1	1.32	1	1.34					26432
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor (EC 1.14.11.4) (Lysyl hy	Q9R0E1	PLOD3_MOUSE	6	1.08	3	1.63			1	7.57	26433
Profilin-1 (Profilin I)	P62962	PROF1_MOUSE	9	1.79	13	1.35	4	1.49	5	1.36	18643
Programmed cell death protein 8, mitochondrial precursor (EC 1.-.-.-) (Apoptosis-indu	Q9Z0X1	PDCD8_MOUSE	8	0.86	11	0.88	1	0.81	5	0.42	26926
Prohibitin (B-cell receptor associated protein 32) (BAP 32)	P67778	PHB_MOUSE	8	1.57	3	1.08			5	1.08	18673
Prolactin regulatory element-binding protein (Mammalian guanine nucleotide exchang	Q9WUQ2	PREB_MOUSE			1	2.95			1	0.59	50907
Proliferating cell nuclear antigen (PCNA) (Cyclin)	P17918	PCNA_MOUSE	7	1.37	5	1.36	6	1.23	5	1.45	18538
Proliferation related acidic leucine rich protein PAL31 (Acidic nuclear phosphoprotein	Q9EST5	Q9EST5	9	0.77	8	0.77			2	0.58	
Proliferation-associated protein 2G4 (Proliferation-associated protein 1) (Protein p38-/	P50580	PA2G4_MOUSE	5	1.27	8	1.64	6	1.47	4	1.38	18813
Proline synthetase co-transcribed bacterial homolog protein	Q9Z2Y8	PROSC_MOUSE							1	4.51	114863
Prolyl 4-hydroxylase alpha-1 subunit precursor (EC 1.14.11.2) (4-PH alpha-1) (Procoll	Q60715	P4HA1_MOUSE	6	1.19	6	1.18	4	2.96	3	0.79	18451
Prolyl 4-hydroxylase alpha-2 subunit precursor (EC 1.14.11.2) (4-PH alpha-2) (Procoll	Q60716	P4HA2_MOUSE	8	1.57	9	1.77	6	0.94	6	0.94	18452
Proteasome (Prosome, macropain) activator subunit 4	Q5SSW2	Q5SSW2	2	0.43							
Proteasome activator complex subunit 1 (Proteasome activator 28-alpha subunit) (PA	P97371	PSME1_MOUSE	2	2.44	4	1.74	1	2.18	5	1.41	19186
Proteasome activator complex subunit 2 (Proteasome activator 28-beta subunit) (PA2	P97372	PSME2_MOUSE	2	1.21	3	0.93	2	0.91	3	0.73	
Proteasome activator complex subunit 3 (Proteasome activator 28-gamma subunit) (F	P61290	PSME3_MOUSE	1	2.40	1	0.81					19192
Proteasome subunit alpha type 1 (EC 3.4.25.1) (Proteasome component C2) (Macrop	Q9R1P4	PSA1_MOUSE	2	0.88	1	0.88					26440
Proteasome subunit alpha type 4 (EC 3.4.25.1) (Proteasome component C9) (Macrop	Q9R1P0	PSA4_MOUSE	6	1.55	3	1.03	1	1.28	6	1.19	26441
Proteasome subunit alpha type 5 (EC 3.4.25.1) (Proteasome zeta chain) (Macropain /	Q9Z2U1	PSA5_MOUSE	2	1.56	1	1.26					26442
Proteasome subunit alpha type 6 (EC 3.4.25.1) (Proteasome iota chain) (Macropain ic	Q9QUM9	PSA6_MOUSE	12	1.40	17	1.30	10	1.31	12	1.78	26443
Proteasome subunit alpha type 7 (EC 3.4.25.1) (Proteasome subunit RC6-1)	Q9Z2U0	PSA7_MOUSE	4	2.00	6	1.39	5	1.48	4	1.46	26444
Proteasome subunit beta type 1 (EC 3.4.25.1) (Proteasome component C5) (Macropa	O09061	PSB1_MOUSE	4	2.00	4	1.44	4	1.52	2	1.23	19170
Proteasome subunit beta type 2 (EC 3.4.25.1) (Proteasome component C7-I) (Macrop	Q9R1P3	PSB2_MOUSE	6	1.27	5	0.79	1	0.93			26445
Proteasome subunit beta type 3 (EC 3.4.25.1) (Proteasome theta chain) (Proteasome	Q9R1P1	PSB3_MOUSE	5	1.37	5	1.00			1	0.61	26446
Proteasome subunit beta type 7 precursor (EC 3.4.25.1) (Proteasome subunit Z) (Ma	P70195	PSB7_MOUSE	1	1.00					1	50.41	19177
Proteasome-associated protein ECM29 homolog (Ecm29)	Q6PDI5	ECM29_MOUSE	9	1.79	6	1.77	6	1.79	1	1.16	
Protein arginine N-methyltransferase 1 (EC 2.1.1.-)	Q9JIF0	ANM1_MOUSE	2	1.24	2	0.99					15469
Protein arginine N-methyltransferase 5 (EC 2.1.1.-) (Shk1 kinase-binding protein 1 ho	Q8CIG8	SKB1_MOUSE			3	0.49			2	0.59	27374
Protein BAT5 (HLA-B-associated transcript 5) (NG26 protein)	Q9Z1Q2	BAT5_MOUSE	5	1.52	4	1.76					193742
Protein C11orf15 homolog	Q9JJR8	CK015_MOUSE			2	1.88					56786
Protein C14orf103 homolog	Q80XK6	CN103_MOUSE							1	1.83	76559
Protein C14orf130 homolog	Q8BU04	CN130_MOUSE			1	3.48					66622
Protein C14orf133 homolog	Q8BGQ1	CN133_MOUSE							1	0.51	104799
Protein C14orf159 homolog, mitochondrial precursor	Q8BH86	CN159_MOUSE	5	0.66	1	1.02	1	1.28			217830
Protein C14orf166 homolog	Q9CQE8	CN166_MOUSE	4	1.08	1	0.83					68045
Protein C14orf21 homolog	Q8BMC4	CN021_MOUSE			2	2.06			1	0.80	67842
Protein C14orf24 homolog	Q8BR63	CN024_MOUSE	1	0.18							73385
Protein C14orf31 homolog	Q8C0V9	CN031_MOUSE							1	1.44	319710

Protein C14orf94 homolog	Q8BFT2	CN094_MOUSE							1	2.77	219072
Protein C1orf8 homolog precursor (Thymic dendritic cell-derived factor 1)	Q9QY73	CA008_MOUSE			2	1.55					56374
Protein C20orf22 homolog	Q99LR1	CT022_MOUSE	8	1.20	4	1.38	4	1.00	4	0.75	76192
Protein C20orf43 homolog	Q99K95	CT043_MOUSE	2	2.75	1	1.55					66404
Protein C6orf130 homolog	Q8R5F3	CF130_MOUSE	1	1.79	1	2.19			2	1.51	106821
Protein C6orf55 homolog	Q9CR26	CF055_MOUSE	1	1.17	3	0.81					66201
Protein disulfide-isomerase A5 precursor (EC 5.3.4.1) (Protein disulfide isomerase-rel	Q921X9	PDIA5_MOUSE	8	2.00	5	1.59	5	1.24	10	0.92	
Protein FAM20B precursor	Q8VCS3	FM20B_MOUSE	2	2.85	4	1.67			1	1.01	215015
Protein FAM3A precursor	Q9D8T0	FAM3A_MOUSE	1	0.28					2	1.21	66294
Protein FAM45	Q9D8N2	FAM45_MOUSE							5	1.42	67894
Protein FAM49B	Q921M7	FA49B_MOUSE							2	2.07	223601
Protein inhibitor of activated STAT protein 1 (DEAD/H box binding protein 1)	O88907	PIAS1_MOUSE							1	1.57	56469
Protein inhibitor of activated STAT protein 4 (Protein inhibitor of activated STAT protei	Q9JM05	PIAS4_MOUSE	1	1.43							59004
Protein KIAA0196	Q8C2E7	K0196_MOUSE			1	3.51					223593
Protein KIAA0317	Q8CHG5	K0317_MOUSE							1	0.11	
Protein KIAA1219 homolog	Q8BQZ4	K1219_MOUSE	1	1.15							228850
Protein KIAA1404 (Fragment)	Q8R151	K1404_MOUSE			1	10.48			2	6.14	98999
Protein kinase C and casein kinase II substrate protein 3	Q99JB8	PACN3_MOUSE	1	1.55	3	1.29	3	0.67	3	0.95	80708
Protein kinase C and casein kinase substrate in neurons protein 2	Q9WVE8	PACN2_MOUSE			1	0.85			3	2.25	23970
Protein kinase C, alpha type (EC 2.7.1.37) (PKC-alpha) (PKC-A)	P20444	KPCA_MOUSE	4	2.38	8	2.61	3	1.19	9	1.32	18750
Protein kinase C, beta type (EC 2.7.1.37) (PKC-beta) (PKC-B)	P68404	KPCB_MOUSE			1	3.47			2	1.65	18751
Protein kinase C, delta type (EC 2.7.1.-) (nPKC-delta)	P28867	KPCD_MOUSE			1	6.95			2	1.47	18753
Protein kinase C, epsilon type (EC 2.7.1.-) (nPKC-epsilon)	P16054	KPCE_MOUSE			1	2.56					18754
Protein kinase C, iota type (EC 2.7.1.37) (nPKC-iota) (Atypical protein kinase C-lambd	Q62074	KPCI_MOUSE			3	1.02	4	2.02	4	1.41	18759
Protein kinase N2 (EC 2.7.1.37) (Protein kinase C-like 2) (Protein-kinase C-related kir	Q8BWW9	PKL2_MOUSE	1	3.62							109333
Protein LRP16	Q922B1	LRP16_MOUSE	5	0.98							107227
Protein MICAL-2	Q8BML1	MICA2_MOUSE	1	37.17	1	2.79	2	0.60	6	1.25	320878
Protein O-mannosyl-transferase 2 (EC 2.4.1.109) (Dolichyl-phosphate-mannose--prot	Q8BGQ4	POMT2_MOUSE	1	1.53	2	2.59					217734
Protein phosphatase 1, regulatory (Inhibitor) subunit 8	Q8R3G1	Q8R3G1	1	1.08	1	1.95					
Protein phosphatase 2, regulatory subunit B (B56), alpha isoform (Protein phosphatas	Q6PD03	Q6PD03							3	0.96	
Protein phosphatase 2A, regulatory subunit B' (PP2A, subunit B', PR53 isoform) (Pho	P58389	PTPA_MOUSE							2	2.70	110854
Protein phosphatase 2C alpha isoform (EC 3.1.3.16) (PP2C-alpha) (IA) (Protein phos	P49443	PP2CA_MOUSE	4	2.30	2	2.19	6	1.64	8	1.51	19042
Protein phosphatase 2C gamma isoform (EC 3.1.3.16) (PP2C-gamma) (Protein phos	Q61074	PP2CG_MOUSE	2	0.54	1	1.41					14208
Protein phosphatase methylesterase 1 (EC 3.1.1.-) (PME-1)	Q8BVQ5	PME1_MOUSE	12	1.84	17	1.17	4	1.61	2	1.19	72590
Protein transport protein Sec23A (SEC23-related protein A)	Q01405	SC23A_MOUSE	3	1.96	2	1.02	2	1.50	9	1.26	20334
Protein transport protein Sec23B (SEC23-related protein B)	Q9D662	SC23B_MOUSE	10	1.40	9	1.17			6	1.21	27054
Protein transport protein Sec61 alpha subunit isoform 1 (Sec61 alpha-1)	P61620	S61A1_MOUSE	10	1.56	5	1.35			7	0.93	53421
Protein tyrosine phosphatase (EC 3.1.3.48) (Ptpn11 protein)	Q64509	Q64509	1	3.63							
Protein UNQ9166/PRO28631 homolog precursor	Q8QZV2	U9166_MOUSE			1	1.52					219134
Proteinase activated receptor 1 precursor (PAR-1) (Thrombin receptor)	P30558	PAR1_MOUSE							1	0.56	14062
Protein-associating with the carboxyl-terminal domain of ezrin (Ezrin-binding protein P	Q9DBQ7	PACE1_MOUSE			1	0.49					
Protein-lysine 6-oxidase precursor (EC 1.4.3.13) (Lysyl oxidase) (RAS excision protei	P28301	LYOX_MOUSE	1	1.33	3	2.70	2	3.06	3	1.33	16948
Protein-tyrosine phosphatase	O35239	O35239	2	1.26	1	1.73					
Protein-tyrosine phosphatase, receptor-type, S precursor (EC 3.1.3.48) (Protein-tyrosi	Q64699	Q64699	2	1.63	1	1.59					
Protein-tyrosine sulfotransferase 1 (EC 2.8.2.20) (Tyrosylprotein sulfotransferase-1) (T	O70281	TPS1_MOUSE	2	0.83							22021
Protein-tyrosine sulfotransferase 2 (EC 2.8.2.20) (Tyrosylprotein sulfotransferase-2) (T	O88856	TPS2_MOUSE							1	0.94	22022
Proteolipid protein 2	Q9R1Q7	PLP2_MOUSE	2	2.16	3	1.46	4	0.98	3	1.22	
Proto-oncogene tyrosine-protein kinase ABL1 (EC 2.7.1.112) (p150) (c-ABL)	P00520	ABL1_MOUSE			1	0.02					11350
Proto-oncogene tyrosine-protein kinase YES (EC 2.7.1.112) (P61-YES) (C-YES)	Q04736	YES_MOUSE	1	1.59	2	1.34					22612
Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO)	P51175	PPOX_MOUSE	1	2.49							19044
PRP19/PSO4 homolog (Nuclear matrix protein 200) (Nuclear matrix protein SNEV)	Q99KP6	PRP19_MOUSE	8	1.56	11	2.13	2	1.08	5	1.38	28000
Psmd1 protein (Fragment)	Q8CGG2	Q8CGG2	8	1.76	3	0.89	2	0.38	2	2.54	
PTB-associated splicing factor (Splicing factor proline/glutamine rich) (Polypyrimidine	Q8VIJ6	Q8VIJ6	5	1.32	7	1.87	2	1.20	1	2.02	
Ptpn23 protein (Fragment)	Q6PB44	Q6PB44	1	2.26	1	0.69					
Pumilio homolog 1	Q80U78	PUM1_MOUSE			2	1.47					80912
Pumilio homolog 2	Q80U58	PUM2_MOUSE	2	1.47	3	1.27			1	12.82	80913
Purine nucleoside phosphorylase (EC 2.4.2.1) (Inosine phosphorylase) (PNP)	P23492	PNPH_MOUSE							1	1.24	18950
Puromycin-sensitive aminopeptidase (EC 3.4.11.-) (PSA)	Q11011	PSA_MOUSE	2	3.20	5	1.40			7	1.67	19155
Putative deoxyribose-phosphate aldolase (EC 4.1.2.4) (Phosphodeoxyriboaldolase) (I	Q91YP3	DEOC_MOUSE	1	1.20	1	1.54					232449
Putative GTP-binding protein PTD004 homolog	Q9CZ30	PTD4_MOUSE	7	1.39	6	1.58	1	2.06	4	1.35	67059
Putative lipid kinase (Multi-substrate lipid kinase) (Mus musculus 15 days embryo hea	Q9ESW4	Q9ESW4	2	0.62	2	0.74					

Putative olfactory receptor 204-5	Q8VG43	OR20_MOUSE							1	0.23	258770
Putative pre-mRNA splicing factor RNA helicase (DEAH box protein 15)	O35286	DHX15_MOUSE	4	1.07	4	1.41	3	1.60	4	1.12	13204
Putative RNA-binding protein Luc7-like 1	Q9CYI4	LUC7L_MOUSE	1	1.79	1	5.30	1	2.66	6	1.65	66978
Putative RNA-binding protein Luc7-like 2 (CGI-74 homolog)	Q7TNC4	LC7L2_MOUSE	1	10.16					7	1.47	192196
Putative Sp100-related protein	Q99388	S100R_MOUSE							1	14.30	114564
Putative steroid dehydrogenase KIK-I (EC 1.1.1.-)	O70503	DHBK_MOUSE	16	1.29	25	1.18	3	1.62	7	1.07	56348
Putative T1/ST2 receptor binding protein precursor (Fragment)	Q61073	Q61073	2	8.97							
Pycrl protein	Q8R0P9	Q8R0P9							1	1.16	
Pygo2 protein (Pygopus 2)	Q80V76	Q80V76	1	2.80	3	2.43	4	2.03	2	2.34	
Pyroglutamyl-peptidase I (EC 3.4.19.3) (Pyrrolidone-carboxylate peptidase) (5-oxopro	Q9ESW8	PGPI_MOUSE	1	2.21							66522
Pyrroline-5-carboxylate reductase 1 (EC 1.5.1.2) (P5CR 1) (P5C reductase 1)	Q922W5	P5CR1_MOUSE	2	1.15	2	1.00					
Pyrroline-5-carboxylate reductase 2 (EC 1.5.1.2) (P5CR 2) (P5C reductase 2)	Q922Q4	P5CR2_MOUSE	7	1.37	2	1.09			2	2.67	
Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PC	Q05920	PYC_MOUSE	7	1.16	8	1.30	1	0.82	2	0.85	18563
Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial pr	P35486	ODPA_MOUSE	4	1.75	7	1.41	3	1.60	5	1.40	18597
Pyruvate dehydrogenase E1 component alpha subunit, testis-specific form, mitochon	P35487	ODPAT_MOUSE							2	0.95	18598
Pyruvate dehydrogenase E1 component beta subunit, mitochondrial precursor (EC 1.2	Q9D051	ODPB_MOUSE	4	1.06	4	1.55	1	1.70	3	2.37	68263
Pyruvate kinase, isozyme M2 (EC 2.7.1.40)	P52480	KPYM_MOUSE	34	2.03	54	2.06	13	2.64	22	1.47	18746
Queuine tRNA-ribosyltransferase domain containing 1	Q5XK35	Q5XK35	1	2.07					1	0.62	
Quiescin Q6-like 1	Q8K0M2	Q8K0M2			2	0.65	2	0.82			
Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin)	P47199	QOR_MOUSE	4	1.96	3	1.15	2	3.03	1	3.80	12972
Quinone oxidoreductase-like 1 (EC 1.-.-.-) (QOH-1) (Zeta-crystallin homolog)	Q921W4	QORL_MOUSE	1	1.37	2	1.52	5	1.31	2	1.13	66609
Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (GDI-1)	P50396	GDIA_MOUSE	12	1.68	18	1.13	7	1.62	7	1.03	14567
Rab GDP dissociation inhibitor beta-2 (Rab GDI beta-2) (GDI-3)	Q61598	GDIC_MOUSE	9	2.18	3	1.06	4	1.58	5	1.25	14569
Rab proteins geranylgeranyltransferase component A 2 (Rab escort protein 2) (REP-2	Q9QZD5	RAE2_MOUSE					1	0.29			12663
RAB30, member RAS oncogene family	Q923S9	Q923S9	3	1.23	1	1.63	1	1.08			
RAB35, member RAS oncogene family	Q6PHN9	Q6PHN9			2	1.69	1	0.41	1	0.79	
Rab3il1 protein	Q8VDV3	Q8VDV3	1	2.02	1	1.00					
Rab3ip protein	Q68EF0	Q68EF0			1	1.06			2	0.64	
Rab6 interacting protein 2 (ERC protein 1) (ERC1) (CAZ-associated structural protein	Q99MI1	RB6I2_MOUSE	2	0.88	2	1.01					111173
Rab-related GTP-binding protein (RBJ protein)	Q923I0	Q923I0							1	1.12	
Rac GTPase-activating protein (MgcRacGAP variant alpha) (MgcRacGAP variant beta	Q9WVM1	Q9WVM1							1	1.16	
Rac/Cdc42 guanine nucleotide exchange factor 6	Q8K4I3	Q8K4I3	3	1.04			1	1.55			
RAD50-interacting protein 1 (Protein RINT-1)	Q8BZ36	RINT1_MOUSE	2	0.49	3	1.02			1	2.55	
RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.1.37) (Raf-1) (C-RAF) (c	Q99N57	RAF1_MOUSE	1	1.49	1	0.44			1	2.00	110157
Ral guanine nucleotide dissociation stimulator-like 2 (RalGDS-like factor)	Q61193	RGL2_MOUSE			1	1.52					19732
Ran-binding protein 2	Q9ERU9	Q9ERU9	18	2.03	22	2.15	9	1.09	33	1.24	
RanBp21	Q924C1	Q924C1	7	1.24	15	1.29	5	1.37	8	1.78	
Ran-specific GTPase-activating protein (Ran binding protein 1) (RANBP1) (HpaII tiny	P34022	RANG_MOUSE	5	1.37			1	2.45	2	1.38	19385
Ras and Rab interactor 3 (Ras interaction/interference protein 3)	P59729	RIN3_MOUSE			1	1.98					217835
Ras GTPase-activating protein 2 (GAP1m)	P58069	RASA2_MOUSE			1	0.38			1	1.28	114713
Ras homolog gene family, member T2 (MIRO2)	Q8JZN7	Q8JZN7	2	0.73	2	0.36	2	0.84	3	0.43	
Rasa3 protein (Fragment)	Q6PG24	Q6PG24	1	2.98	1	1.83					
Rasa4 protein (Ca2+ promoted Ras inactivator)	Q6PFQ7	Q6PFQ7	2	1.55	2	1.38			3	0.80	
Ras-GTPase-activating protein binding protein 1 (GAP SH3-domain binding protein 1)	P97855	G3BP_MOUSE	3	1.15	4	0.79					27041
Ras-related C3 botulinum toxin substrate 1 (p21-Rac1)	P63001	RAC1_MOUSE	10	1.44	11	1.25	8	1.99	9	1.29	19353
Ras-related protein Rab-12 (Rab-13) (Fragment)	P35283	RAB12_MOUSE	3	2.18	3	1.32	2	1.46	2	1.35	19328
Ras-related protein Rab-14	Q91V41	RAB14_MOUSE	3	1.03	4	0.80			1	0.15	68365
Ras-related protein Rab-18	P35293	RAB18_MOUSE	9	1.50	6	1.62	2	1.53	7	1.36	19330
Ras-related protein Rab-19	P35294	RAB19_MOUSE							1	0.74	19331
Ras-related protein Rab-23 (Rab-15)	P35288	RAB23_MOUSE			1	1.00	1	1.23			19335
Ras-related protein Rab-24 (Rab-16)	P35290	RAB24_MOUSE			1	2.59					19336
Ras-related protein Rab-4A	P56371	RAB4A_MOUSE	1	1.18							19341
Ras-related protein Rab-4B	Q91ZR1	RB4B_MOUSE	4	1.81	3	1.18	1	0.10			19342
Ras-related protein Rab-7	P51150	RAB7_MOUSE	10	1.71	11	1.39	10	1.23	11	1.05	19349
Ras-related protein Rap-1A (Ras-related protein Krev-1)	P62835	RAP1A_MOUSE	1	4.03	2	1.67	1	1.05	2	0.94	109905
Ras-related protein Rap-1b (GTP-binding protein smg p21B)	Q99JI6	RAP1B_MOUSE	1	1.22	3	1.04	1	0.75			215449
Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.1.37)	P58801	RIPK2_MOUSE	1	2.53							192656
Receptor-interacting serine/threonine-protein kinase 2 (EC 2.7.1.37) (Serine/threonine	Q60855	RIPK1_MOUSE	3	1.30	1	1.38	1	1.96	2	1.26	19766
Receptor-type tyrosine-protein phosphatase gamma precursor (EC 3.1.3.48) (Protein-	Q05909	PTPRG_MOUSE			1	2.04	2	0.59	2	0.61	19270
Receptor-type tyrosine-protein phosphatase kappa precursor (EC 3.1.3.48) (Protein-t	P35822	PTPRK_MOUSE			1	1.52					19272
Regulator of differentiation 1 (Rod1)	Q8BHD7	ROD1_MOUSE	4	1.70	2	1.63			1	0.45	230257

Replication factor C (Activator 1) 4	Q99J62	Q99J62			2	1.24			2	1.36	
Replication protein A 14 kDa subunit (RP-A) (RF-A) (Replication factor-A protein 3)	Q9CQ71	RFA3_MOUSE	2	1.00	3	1.51	3	2.56	1	0.46	68240
Replication protein A1	Q8VEE4	Q8VEE4	3	1.65	1	0.74	1	1.13	2	0.89	
Reticulon 4 interacting protein 1 (Mus musculus adult male liver tumor cDNA, RIKEN f	Q8R1T0	Q8R1T0			1	0.25					
Reticulon protein 3	Q9ES97	RTN3_MOUSE	1	0.42	1	2.13			1	0.95	20168
Retinal-specific ATP-binding cassette transporter (ATP-binding cassette, sub-family A	O35600	ABCA4_MOUSE							1	100.64	
Retinoblastoma-binding protein 9 (RBBP-9) (B5T overexpressed gene protein) (Bog p	O88851	RBBP9_MOUSE	1	0.79	1	0.64					26450
Retinoic acid early inducible protein 1 delta precursor (RAE-1delta)	Q9JI58	RAE1D_MOUSE	1	1.08					1	0.71	56554
Retinoic acid early inducible protein 1 epsilon precursor (RAE-1epsilon)	Q9CZQ6	RAE1E_MOUSE	2	1.47	3	2.03	1	2.23	7	0.98	19370
Retinoic acid receptor beta (RAR-beta)	P22605	RRB_MOUSE	1	2.88							218772
Retinoic acid-binding protein II, cellular (CRABP-II)	P22935	RABP2_MOUSE	3	2.99			1	1.00			12904
Retinol dehydrogenase 11 (EC 1.1.1.-) (Retinal reductase 1) (RalR1) (Prostate short-c	Q9QYF1	RDH11_MOUSE	3	3.46	4	1.23	1	1.18	4	0.82	17252
Retinol dehydrogenase 13 (EC 1.1.1.-)	Q8CEE7	RDH13_MOUSE	1	1.94							108841
Retinol dehydrogenase 14 (EC 1.1.1.-) (Alcohol dehydrogenase PAN2)	Q9ERI6	RDH14_MOUSE	1	1.39	2	1.81					105014
Retrovirus-related Pol polyprotein LINE-1 (Long interspersed element-1) (L1) [Contair	P11369	POL2_MOUSE			1	0.13					
Reversion-inducing cysteine-rich protein with Kazal motifs precursor (mRECK)	Q9Z0J1	RECK_MOUSE			2	3.41			8	0.77	53614
Rho GDP-dissociation inhibitor 1 (Rho GDI 1) (Rho-GDI alpha) (GDI-1)	Q99PT1	GDIR_MOUSE	2	2.49							192662
Rho guanine nucleotide exchange factor 10	Q8C033	ARHGA_MOUSE	1	0.52							
Rho guanine nucleotide exchange factor 12 (Leukemia-associated RhoGEF)	Q8R4H2	ARHGC_MOUSE	1	1.30							69632
Rho-associated protein kinase 1 (EC 2.7.1.37) (Rho-associated, coiled-coil containing	P70335	ROCK1_MOUSE							2	1.35	19877
Rho-associated protein kinase 2 (EC 2.7.1.37) (Rho-associated, coiled-coil containing	P70336	ROCK2_MOUSE	2	2.57	2	1.35	5	2.01	4	1.49	19878
Rho-GTPase-activating protein 5 (p190-B)	P97393	RHG05_MOUSE			2	1.63			3	1.30	11855
Rho-guanine nucleotide exchange factor (Rho-interacting protein 2) (RhoGEF) (RIP2)	P97433	RGNEF_MOUSE			1	0.18					110596
Rho-related GTP-binding protein RhoB	P62746	RHOB_MOUSE	4	1.38	4	1.28	4	1.05	4	0.75	11852
Rho-related GTP-binding protein RhoC (Silica-induced gene 61 protein) (SIG-61)	Q62159	RHOC_MOUSE	4	1.23	9	1.37	2	2.19	2	0.77	11853
Rho-related GTP-binding protein RhoD	P97348	RHOD_MOUSE	2	1.97							11854
Rho-related GTP-binding protein RhoE (Rho family GTPase 3) (Rnd3)	P61588	RND3_MOUSE	7	1.16	8	1.20	1	1.43			74194
Rho-related GTP-binding protein RhoG (Sid 10750)	P84096	RHOG_MOUSE	2	1.37	5	2.34	5	1.60	3	1.75	56212
Ribonuclease 4 precursor (EC 3.1.27.-) (RNase 4)	Q9JJH1	RNAS4_MOUSE							1	0.09	58809
Ribonuclease P protein subunit p21 (EC 3.1.26.5) (RNaseP protein p21) (Ribonucleop	Q8R040	RP21_MOUSE	1	3.38					1	5.09	67676
Ribonuclease P protein subunit p30 (EC 3.1.26.5) (RNaseP protein p30) (RNase P su	O88796	RP30_MOUSE	2	1.35	4	1.11					54364
Ribonuclease T2 precursor (EC 3.1.27.-) (Ribonuclease 6)	Q9CQ01	RNT2_MOUSE			1	1.07					68195
Ribonuclease/angiogenin inhibitor 1	Q91VI7	Q91VI7	1	1.81	3	1.19			2	1.77	
Ribonucleoside-diphosphate reductase M2 chain (EC 1.17.4.1) (Ribonucleotide reduc	P11157	RIR2_MOUSE			1	3.33			1	0.82	20135
Ribose-phosphate pyrophosphokinase II (EC 2.7.6.1) (Phosphoribosyl pyrophosphate	Q9CS42	PRPS2_MOUSE	2	1.29	1	1.21					110639
Ribosomal protein L10A	Q5XJF6	Q5XJF6	14	1.73	16	1.56	15	1.45	15	1.37	
Ribosome biogenesis protein Nop10 (Nucleolar protein family A member 3)	Q9CQS2	NOP10_MOUSE	1	0.46	1	1.19					66181
Ribosome-binding protein 1 (Ribosome receptor protein) (mRRp)	Q99PL5	RRBP1_MOUSE	3	0.97	3	1.12	1	1.15	2	1.51	81910
RIKEN cDNA 1110003E01 (Mus musculus 18-day embryo whole body cDNA, RIKEN	Q91VT8	Q91VT8			1	2.68					
RIKEN cDNA 1110012J17	Q6PAM2	Q6PAM2							1	23.58	
RIKEN cDNA 1110015K06	Q6P4S8	Q6P4S8			2	1.88			1	0.53	
RIKEN cDNA 1110028E10 (Mus musculus 16 days embryo head cDNA, RIKEN full-le	Q8K2F1	Q8K2F1	9	1.56	10	1.90	4	0.46	5	0.81	
RIKEN cDNA 1110032A13	Q6P3B9	Q6P3B9	1	0.66	1	0.58					
RIKEN cDNA 1190002C06	Q91YT1	Q91YT1			1	1.08			2	1.49	
RIKEN cDNA 1700012G19	Q8CHP8	Q8CHP8	3	1.80	3	1.17	2	1.48	4	0.97	
RIKEN cDNA 1810047C23 (Mus musculus 10 day old male pancreas cDNA, RIKEN f	Q99K23	Q99K23	3	2.54	1	2.37	1	2.56	2	1.21	
RIKEN cDNA 2010305A19 (Mus musculus 9.5 days embryo parthenogenote cDNA, F	Q921H9	Q921H9					1	1.03			
RIKEN cDNA 2210404D11	Q80W42	Q80W42			2	8.24	1	1.61	3	0.72	
RIKEN cDNA 2210415M20	Q91XD6	Q91XD6	1	1.94	1	1.05					
RIKEN cDNA 2410003C20 (Mus musculus adult male liver tumor cDNA, RIKEN full-le	Q8R1N0	Q8R1N0	1	3.22			2	1.49			
RIKEN cDNA 2410104I19	Q91VR6	Q91VR6	1	2.70	2	1.28					
RIKEN cDNA 2510001I10	Q80W47	Q80W47	1	0.74							
RIKEN cDNA 2610034N24	Q8CIM8	Q8CIM8	3	1.46	2	1.45			1	1.07	
RIKEN cDNA 2610101N10	Q6NV83	Q6NV83	1	0.59	1	0.75	2	0.71			
RIKEN cDNA 2610204M08	Q6P9T3	Q6P9T3	13	2.61	10	1.39	5	1.36	6	1.11	
RIKEN cDNA 2610206B13	Q8K2Y0	Q8K2Y0			1	1.72					
RIKEN cDNA 2610301B20	Q6PDD5	Q6PDD5							1	2.63	
RIKEN cDNA 2810428C21	Q8R3P8	Q8R3P8							2	1.50	
RIKEN cDNA 2810484M10 (Mus musculus 12 days embryo spinal ganglion cDNA, RI	Q922Q1	Q922Q1	5	1.69	4	1.46	1	1.17	1	1.53	
RIKEN cDNA 2810485I05	Q80XP8	Q80XP8							2	1.42	
RIKEN cDNA 4432404J10	Q6PAR5	Q6PAR5	2	1.54	1	0.60	1	1.39			

RIKEN cDNA 4931406C07 (4931406C07Rik protein) (Mus musculus 2 days neonate	Q91V76	Q91V76	5	2.34	4	1.49	2	1.89	3	1.98	
RIKEN cDNA 5430437P03	Q99JU2	Q99JU2	1	1.44							
RIKEN cDNA 5830404H04	Q80XM8	Q80XM8					1	0.99	1	0.25	
RIKEN cDNA 6330409N04 (Mus musculus adult male medulla oblongata cDNA, RIKE	Q8K1Y1	Q8K1Y1			4	4.14	1	2.63	4	1.03	
RIKEN cDNA 6720456B07 (Mus musculus 12 days embryo male wolffian duct include	Q91VR8	Q91VR8	2	2.37							
RIKEN cDNA 6720458F09 gene	Q80XC2	Q80XC2			1	0.30			1	1.57	
RIKEN cDNA 9530014D17 gene	Q6NVF0	Q6NVF0			1	0.92					
RIKEN cDNA C330023F11 (Mus musculus 7 days neonate cerebellum cDNA, RIKEN	Q8R127	Q8R127	6	1.14	4	1.06	2	1.06			
RIKEN cDNA D130038B21 (Mus musculus 12 days embryo spinal ganglion cDNA, RI	Q8QZR4	Q8QZR4	1	1.54							
RIKEN cDNA F830014G06 gene	Q5U4D9	Q5U4D9	2	1.40	2	1.89			2	1.18	
RING finger and CHY zinc finger domain containing protein 1 (Zinc finger protein 363)	Q9CR50	ZN363_MOUSE	3	0.75	3	1.55					68098
Ring finger protein 126	Q91YL2	Q91YL2			1	1.64			1	1.66	
RING finger protein 14 (Androgen receptor-associated protein 54) (Triad2 protein)	Q9JI90	RNF14_MOUSE			1	7.77			1	0.10	56736
RING finger protein 19 (XY body protein) (XYbp) (Gametogenesis expressed protein (	P50636	RNF19_MOUSE							1	0.32	30945
Ring finger protein 20	Q7TT11	Q7TT11							1	1.90	
Ring fnger protein 168	Q80XJ2	Q80XJ2					1	0.57			
RING-box protein 2 (Rbx2) (RING finger protein 7) (Sensitive to apoptosis gene protei	Q9WTZ1	RBX2_MOUSE			1	2.02			3	1.14	19823
RNA 3'-terminal phosphate cyclase (EC 6.5.1.4) (RNA-3'-phosphate cyclase) (RNA cy	Q9D7H3	RTC1_MOUSE	2	1.24	5	1.32	2	1.05	2	1.91	66368
RNA binding motif protein 19	Q8R3C6	Q8R3C6			1	1.15			1	1.30	
RNA-binding region containing protein 2 (Coactivator of activating protein-1 and estro	Q8VH51	RNPC2_MOUSE	6	1.20	12	1.52	5	1.16	7	1.10	170791
Rootletin	Q8CJ40	Q8CJ40			1	1.86					
Rotatin (Fragment)	Q8R4Y8	Q8R4Y8			1	0.10					
Rpusd1 protein (Mus musculus ES cells cDNA, RIKEN full-length enriched library, clo	Q8VCZ8	Q8VCZ8	1	1.41	1	0.85					
Rragc protein	Q99K70	Q99K70	2	1.75	1	1.61					
RRM-type RNA-binding protein brPTB (Splicing regulator nPTB2)	Q9QYC2	Q9QYC2					1	16.04			
RuvB-like 2 (EC 3.6.1.-) (p47 protein)	Q9WTM5	RUVB2_MOUSE	2	1.11	1	0.85	1	2.06			20174
Ryanodine receptor	Q80X16	Q80X16	1	1.59							
SAM and SH3 domain containing protein 1	P59808	SASH1_MOUSE	1	1.03					1	1.69	70097
SAM domain and HD domain-containing protein 1 (Interferon-gamma inducible protei	Q60710	SAMH1_MOUSE	10	1.18	9	1.08	3	1.27	4	0.95	56045
Sarcoma amplified sequence (Mus musculus 11 days embryo whole body cDNA, RIK	Q9CQ88	Q9CQ88	2	1.63	7	2.52	4	0.89	11	0.90	
Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2	O55143	AT2A2_MOUSE	22	1.23	25	1.25	6	1.02	17	0.90	11938
Sarcosine dehydrogenase, mitochondrial precursor (EC 1.5.99.1) (SarDH)	Q99LB7	SARDH_MOUSE	1	1.60	1	2.06					192166
Scavenger receptor class B member 1 (SRB1) (SR-BI)	Q61009	SCRB1_MOUSE	1	2.77							20778
Scavenger receptor class F member 2 precursor (Scavenger receptor expressed by e	P59222	SREC2_MOUSE							4	0.52	224024
Schlafen 10	Q7TME6	Q7TME6							3	1.41	
Schwannoma-associated protein (Pld3 protein)	O35405	O35405	1	1.27			1	1.45			
SCO-spondin	Q8CG65	Q8CG65	1	3.69							
SDR1 protein	P97300	P97300	1	2.06	3	1.17	1	0.99			
Sec1 family domain containing protein 1 (Syntaxin binding protein 1-like 2)	Q8BRF7	SCFD1_MOUSE	1	1.07	7	1.06	1	2.04			76983
SEC10-like 1	Q80VK3	Q80VK3	2	0.82							
SEC13-related protein (SEC13-like protein 1)	Q9D1M0	SEC13_MOUSE	7	1.47	4	3.91	2	6.23			110379
Sec15l2 protein (Fragment)	Q6PCN5	Q6PCN5			1	0.55	1	1.41			
SEC23 interacting protein	Q6NZC7	S23IP_MOUSE	1	2.03	1	1.13					207352
SEC24 related gene family, member B	Q80ZX0	Q80ZX0	2	0.48	2	0.38	1	3.48	2	1.53	
SEC24 related gene family, member D	Q6NXL1	Q6NXL1	1	6.36	2	2.35	1	0.70	2	1.77	
Sec31l1 protein (Fragment)	Q6IQZ3	Q6IQZ3	4	1.31	5	0.90	3	1.46	6	1.26	
Secernin 1	Q9CZC8	SCRN1_MOUSE	6	2.82	9	1.45	1	2.31	9	0.97	69938
Secreted frizzled-related protein 2 precursor (sFRP-2) (Secreted apoptosis related pr	P97299	SFRP2_MOUSE	1	1.57	1	1.44			2	0.76	
Sel-1 homolog precursor (Suppressor of lin-12-like protein) (Sel-1L)	Q9Z2G6	SEL1L_MOUSE							2	0.52	20338
Selenide, water dikinase 1 (EC 2.7.9.3) (Selenophosphate synthetase 1) (Selenium d	Q8BH69	SPS1_MOUSE	1	2.51							109079
Selenocysteine-specific elongation factor (Elongation factor sec) (mSelB)	Q9JHW4	SELB_MOUSE	1	0.46			1	0.88			65967
Semaphorin 4C precursor (Semaphorin I) (Sema I) (Semaphorin C-like 1) (M-Sema F	Q64151	SEM4C_MOUSE	1	8.81							20353
Senataxin	Q6IMG6	Q6IMG6	1	0.08			1	0.03	1	0.21	
Sentrin-specific protease 2 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP2) (S	Q91ZX6	SENP2_MOUSE			1	2.03					75826
Sentrin-specific protease 3 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP3) (S	Q9EP97	SENP3_MOUSE							2	0.68	80886
Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles	P60330	ESPL1_MOUSE					1	0.50			105988
Sepiapterin reductase (EC 1.1.1.153) (SPR)	Q64105	SPRE_MOUSE							2	1.54	20751
Septin 11	Q8C1B7	SEP11_MOUSE	6	1.61	6	1.05	9	1.38	4	1.26	52398
Septin 2 (NEDD5 protein)	P42208	SEPT2_MOUSE	2	1.64	5	1.33	3	0.70	5	2.24	18000
Septin 7 (CDC10 protein homolog)	O55131	SEPT7_MOUSE	9	1.35	8	1.14	4	1.54	9	1.11	235072
Septin 8	Q8CHH9	SEPT8_MOUSE	1	1.15	2	1.26	2	2.51			20362

Septin 9 (SL3-3 integration site 1 protein)	Q80UG5	SEPT9_MOUSE	1	1.59	1	1.20					53860
Serine hydroxymethyltransferase, cytosolic (EC 2.1.2.1) (Serine methylase) (Glycine h	P50431	GLYC_MOUSE	1	1.18	2	1.91	2	1.41	2	1.98	20425
Serine palmitoyltransferase 2 (EC 2.3.1.50) (Long chain base biosynthesis protein 2) (	P97363	LCB2_MOUSE	2	0.61	1	0.83					20773
Serine/threonine phosphatase 4 regulatory subunit 1	Q8K2V1	PP4R1_MOUSE			1	1.64	4	2.41			70351
Serine/threonine protein phosphatase 4 catalytic subunit (EC 3.1.3.16) (PP4C) (Pp4) (	P97470	PP4C_MOUSE	2	1.19	3	1.77			1	0.68	56420
Serine/threonine protein phosphatase 5 (EC 3.1.3.16) (PP5) (Protein phosphatase T)	Q60676	PPP5_MOUSE	2	1.20	3	4.87					19060
Serine/threonine protein phosphatase 6 (EC 3.1.3.16) (PP6)	Q9CQR6	PPP6_MOUSE	2	1.28			3	1.49	2	1.07	67857
Serine/threonine protein phosphatase PP1-beta catalytic subunit (EC 3.1.3.16) (PP-1b	P62141	PP1B_MOUSE	1	1.49	6	1.10	3	1.27	3	1.49	19046
Serine/threonine-protein kinase 19 (EC 2.7.1.37) (RP1 protein)	Q9JHN8	STK19_MOUSE			1	1.20					54402
Serine/threonine-protein kinase 24 (EC 2.7.1.37)	Q99KH8	STK24_MOUSE	4	1.68	2	0.97			3	1.36	223255
Serine/threonine-protein kinase 6 (EC 2.7.1.37) (Aurora-family kinase 1) (Aurora/IPL1	P97477	STK6_MOUSE	1	5.95							20878
Serine/threonine-protein kinase LKB1 (Serine/threonine kinase 11) (Peutz-Jeghers sy	Q9WTK7	Q9WTK7	6	0.20	4	0.03	3	0.06	6	0.65	
Serine/threonine-protein kinase Nek6 (EC 2.7.1.37) (NimA-related protein kinase 6)	Q9ES70	NEK6_MOUSE	1	2.35			2	4.48			59126
Serine/threonine-protein kinase Nek7 (EC 2.7.1.37) (NimA-related protein kinase 7)	Q9ES74	NEK7_MOUSE	1	1.95							59125
Serine/threonine-protein kinase PRP4 homolog (EC 2.7.1.37) (PRP4 pre-mRNA proce	Q61136	PRP4B_MOUSE	2	1.21							19134
Serine/threonine-protein kinase SNF1-like kinase 1 (EC 2.7.1.37) (Serine/threonine-pr	Q60670	SN1L1_MOUSE			1	4.09					17691
Serine-protein kinase ATM (EC 2.7.1.37) (Ataxia telangiectasia mutated homolog) (A-	Q62388	ATM_MOUSE							1	0.56	11920
Serine-protein kinase ATR (EC 2.7.1.37) (Ataxia telangiectasia and Rad3 related prot	Q9JKK8	ATR_MOUSE	1	0.87							
Serine-threonine kinase receptor-associated protein (UNR-interacting protein)	Q9Z1Z2	STRAP_MOUSE	6	1.13	6	1.10	2	1.41	4	1.20	20901
Serologically defined colon cancer antigen 1	Q8CCP0	SDCG1_MOUSE			1	1.15					66244
Serpinb3c	Q6UKZ1	Q6UKZ1					1	0.29			
Serum albumin precursor	P07724	ALBU_MOUSE	4	2.07	14	21.69	4	0.46	21	5.75	11657
SET and MYND domain containing 5	Q91YL6	Q91YL6			1	3.16					
SGT1 protein homolog	Q9CS74	SGT1_MOUSE	3	1.07	2	0.41					70601
SH3 domain GRB2-like protein B2 (Endophilin B2)	Q8R3V5	SHLB2_MOUSE	3	0.96	2	0.75	2	1.55			227700
SH3 domain-binding glutamic acid-rich-like protein	Q9JJU8	SH3L1_MOUSE	2	2.58			1	0.56			56726
Shc binding protein (Shc SH2-domain binding protein 1)	Q9Z179	Q9Z179	1	5.10					2	2.99	
Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor (EC 1.1.1.35	Q61425	HCDH_MOUSE	2	1.37	3	1.03					15107
Shwachman-Bodian-Diamond syndrome protein homolog (Protein 22A3)	P70122	SBDS_MOUSE	3	1.36	3	1.41			1	4.93	66711
Sialate O-acetylesterase precursor (EC 3.1.1.53) (Sialic acid-specific 9-O-acetylesterа	P70665	YSG2_MOUSE							2	0.64	22619
Signal peptide peptidase-like 2A (EC 3.4.99.-) (SPP-like 2A protein) (SPPL2a protein)	Q9JJF9	PSL2_MOUSE	4	1.18	6	1.07	3	0.76	5	0.82	66552
Signal recognition particle 68 kDa protein (SRP68)	Q8BMA6	SRP68_MOUSE	8	1.58	3	1.07	2	1.53	3	1.45	217337
Signal recognition particle 9 kDa protein (SRP9)	P49962	SRP09_MOUSE	1	1.23	3	0.93					27058
Signal recognition particle receptor beta subunit (SR-beta)	P47758	SRPB_MOUSE	1	0.97							20818
Signal transducer and activator of transcription 3 (Acute-phase response factor)	P42227	STAT3_MOUSE	6	1.67	7	1.44	4	1.55	8	1.43	20848
Signal transducer and transcription activator 6	P52633	STAT6_MOUSE	1	1.01							20852
Signal-induced proliferation-associated 1 like protein 1	Q8C0T5	SI1L1_MOUSE							1	0.27	217692
Signal-induced proliferation-associated 1 like protein 2 (Fragment)	Q80TE4	SI1L2_MOUSE			1	0.31					244668
Similar to ankyrin 2, neuronal (Fragment)	Q80ZZ7	Q80ZZ7			1	0.55					
Similar to human C20orf194 protein	Q7TT23	Q7TT23	1	2.40					2	1.99	
Similar to human DKFZp566O084 protein (Mus musculus 13 days embryo heart cDNA	Q99J47	Q99J47	1	1.05	3	0.95			1	1.19	
Similar to KIAA1012 protein (Fragment)	Q811K7	Q811K7	1	0.74	1	3.58					
Similar to mesenchymal stem cell protein DSCD75	Q80ZW2	Q80ZW2	3	1.79	2	1.23					
Similar to methylcrotonoyl-Coenzyme A carboxylase 2 (Beta)	Q8K1L7	Q8K1L7	1	1.06							
Similar to RIKEN cDNA 2010107D16 gene	Q99L29	Q99L29			1	1.72					
Sjogren's syndrome nuclear autoantigen 1 homolog	Q9JJ94	SSNA1_MOUSE	1	2.01	1	1.70					68475
Skeletal muscle LIM-protein 1 (SLIM 1) (Four and a half LIM domains protein 1) (FHL-	P97447	SLIM1_MOUSE			1	3.90			3	1.89	14199
Skeletal muscle LIM-protein 2 (SLIM 2) (Four and a half LIM domains protein 3) (FHL-	Q9R059	SLIM2_MOUSE	2	7.90	6	2.92	2	1.16	8	1.56	14201
Skeletal muscle LIM-protein 3 (SLIM 3) (LIM-domain protein DRAL) (Four and a half L	O70433	SLIM3_MOUSE	7	3.36	13	3.31	2	2.17	23	1.77	14200
SLC26A8 anion exchanger	Q812C7	Q812C7			1	0.03					
Slingshot-like 3 (Slingshot-3L)	Q8K330	Q8K330	1	2.93							
Slit homolog 2 protein precursor (Slit-2)	Q9R1B9	SLIT2_MOUSE	4	1.64	6	2.42	2	1.76	9	1.13	20563
Small glutamine-rich tetratricopeptide repeat-containing protein A	Q8BJU0	SGTA_MOUSE	8	1.39	5	0.78	1	0.44	1	0.73	52551
Small nuclear ribonucleoprotein Sm D2 (snRNP core protein D2) (Sm-D2)	P62317	SMD2_MOUSE	6	1.23	7	1.43	2	1.14	2	0.93	
Small nuclear ribonucleoprotein Sm D3 (snRNP core protein D3) (Sm-D3)	P62320	SMD3_MOUSE	1	1.00			1	1.23			
SMC6 protein (SMC6 structural maintenance of chromosomes 6-like 1) (Yeast)	Q924W5	Q924W5	2	0.07	2	0.11	1	0.10	3	0.25	
Smith-Magenis syndrome chromosome region, candidate 7 homolog (Human)	Q5NCS9	Q5NCS9					1	0.19			
Smoothened homolog precursor (SMO)	P56726	SMO_MOUSE			1	2.24			1	7.49	319757
SNF7 domain containing protein 2	Q9D7S9	SNF72_MOUSE	1	3.70							76959
Sodium/myo-inositol cotransporter (Na(+)/myo-inositol cotransporter)	Q9JKZ2	SC5A3_MOUSE	1	0.79	1	0.73			1	1.10	53881
Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodiun	Q8VDN2	AT1A1_MOUSE	10	1.20	10	1.57	4	1.40	3	1.77	11928

Sodium/potassium-transporting ATPase beta-1 chain (Sodium/potassium-dependent /	P14094	AT1B1_MOUSE	2	1.19						11931
Sodium/potassium-transporting ATPase beta-3 chain (Sodium/potassium-dependent /	P97370	AT1B3_MOUSE	6	1.33	9	0.97	2	1.19	5	1.22	11933
Solute carrier family 12, member 2 (Bumetanide-sensitive sodium-(potassium)-chlorid	P55012	S12A2_MOUSE			1	0.47					20496
Solute carrier family 12, member 4 (Electroneutral potassium-chloride cotransporter 1	Q9JIS8	S12A4_MOUSE	3	0.64	4	1.50					20498
Solute carrier family 2, facilitated glucose transporter, member 4 (Glucose transporter	P14142	GTR4_MOUSE	1	8.54							20528
Solute carrier family 25, member 1	Q8JZU2	Q8JZU2	2	2.35	1	1.26	1	1.40	3	2.25	
Solute carrier family 29 (Nucleoside transporters), member 4	Q8R139	Q8R139							1	2.08	
Solute carrier organic anion transporter family, member 4A1 (Solute carrier family 21,	Q8K078	SO4A1_MOUSE			1	7.12					108115
Son of sevenless protein homolog 1 (SOS-1) (mSOS-1)	Q62245	SOS1_MOUSE	1	2.40	1	3.99					20662
Sorbitol dehydrogenase (EC 1.1.1.14) (L-iditol 2-dehydrogenase) (Fragment)	Q64442	DHSO_MOUSE	2	1.98			1	0.45			20322
Sorting nexin 1	Q9WV80	SNX1_MOUSE	1	0.96			1	1.45			56440
Sorting nexin 2	Q9CWK8	SNX2_MOUSE	2	1.69	1	0.64			2	1.28	67804
Sorting nexin 4	Q91YJ2	Q91YJ2	4	1.40	2	0.90					
Sorting nexin 5	Q9D8U8	SNX5_MOUSE	9	1.79	9	1.27	2	1.32	3	1.37	69178
Sorting nexin 9	Q91VH2	SNX9_MOUSE	2	1.32	5	1.06	4	1.92	4	1.48	66616
SPARC precursor (Secreted protein acidic and rich in cysteine) (Osteonectin) (ON) (B	P07214	SPRC_MOUSE	12	1.32	15	1.68	5	1.45	11	1.81	20692
Spartin	Q8R1X6	SPG20_MOUSE			1	1.54			3	1.39	229285
Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (F	P16546	SPTA2_MOUSE	2	1.30	4	1.59	1	0.79			20740
Spermatid-specific thioredoxin-2 protein	Q715T0	Q715T0							1	3.63	
Spermidine synthase (EC 2.5.1.16) (Putrescine aminopropyltransferase) (SPDSY)	Q64674	SPEE_MOUSE					1	0.05			20810
Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY)	P97355	SPSY_MOUSE	1	4.17							20603
S-phase kinase-associated protein 1A (Cyclin A/CDK2-associated protein p19) (p19A	Q9WTX5	SKP1_MOUSE	6	1.79	4	1.46	1	2.79	3	0.92	21402
S-phase kinase-associated protein 2 (F-box protein Skp2) (Cyclin A/CDK2-associated	Q9Z0Z3	SKP2_MOUSE	1	0.11							27401
Sphingomyelin phosphodiesterase 2 (EC 3.1.4.12) (Neutral sphingomyelinase) (nSM/	O70572	NSMA_MOUSE			1	1.08			3	0.73	20598
SPI6 (Serine (Or cysteine) proteinase inhibitor, clade B, member 9) (Mus musculus ac	O08797	O08797	2	2.96	1	1.56	1	1.97			
Spliceosome RNA helicase Bat1 (DEAD-box protein UAP56) (56 kDa U2AF65 associ/	Q9Z1N5	UAP56_MOUSE	19	1.32	28	1.16	10	1.10	18	1.23	
Splicing factor 1 (Zinc finger protein 162) (Transcription factor ZFM1) (mZFM) (Zinc fir	Q64213	SF01_MOUSE	3	3.23	4	2.87	3	1.08	4	1.39	22668
Splicing factor 3A subunit 3 (Spliceosome associated protein 61) (SAP 61) (SF3a60)	Q9D554	SF3A3_MOUSE	1	0.72	1	1.14			4	1.25	75062
Splicing factor 3B subunit 1 (Spliceosome associated protein 155) (SAP 155) (SF3b1!	Q99NB9	SF3B1_MOUSE	8	1.11	7	2.07	3	0.75	11	1.38	81898
Splicing factor 45 (45kDa splicing factor) (RNA binding motif protein 17)	Q8JZX4	SPF45_MOUSE	1	0.56							76938
Splicing factor U2AF 35 kDa subunit (U2 auxiliary factor 35 kDa subunit) (U2 snRNP /	Q9D883	U2AF1_MOUSE	4	1.05	4	3.39	1	0.88	4	1.27	108121
Sporulation-induced transcript 4-associated protein (Mus musculus adult male urinary	Q922D4	Q922D4	4	1.75	2	0.72			2	1.59	
Sprouty-related, EVH1 domain containing protein 1 (Spred-1)	Q924S8	SPRE1_MOUSE			1	3.72					
Squalene monooxygenase (EC 1.14.99.7) (Squalene epoxidase) (SE)	P52019	ERG1_MOUSE	1	4.94							20775
Squamous cell carcinoma antigen recognized by T-cells 1	Q8K155	Q8K155	2	3.00	1	0.98					
Staphylococcal nuclease domain containing protein 1 (p100 co-activator) (100 kDa co	Q78PY7	SND1_MOUSE	16	1.47	22	1.11	7	1.40	15	1.23	
StAR-related lipid transfer protein 5 (StARD5) (START domain-containing protein 5)	Q9EPQ7	STAR5_MOUSE	1	1.74					1	2.66	170460
Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating (EC 1.1.1.170)	Q9R1J0	NSDHL_MOUSE	6	1.13	7	1.37	1	0.93	3	1.10	18194
Steryl-sulfatase precursor (EC 3.1.6.2) (Steroid sulfatase) (Steryl-sulfate sulfohydrola:	P50427	STS_MOUSE	1	1.24							20905
Stonin 1 (Stoned B-like factor)	Q8CDJ8	SALF_MOUSE	1	0.43	4	0.76	3	1.43	3	0.86	77057
Stress-70 protein, mitochondrial precursor (75 kDa glucose regulated protein) (GRP 7	P38647	GRP75_MOUSE	7	1.38	7	1.03	1	1.59	2	0.90	15526
Stress-induced-phosphoprotein 1 (STI1) (Hsc70/Hsp90-organizing protein) (Hop) (mS	Q60864	STIP1_MOUSE	19	1.78	14	1.05	5	1.54	4	1.18	20867
Striated muscle-specific serine/threonine protein kinase	Q9EQJ5	Q9EQJ5			1	0.43					
Striatin	O55106	STRN_MOUSE	1	0.38							268980
Stromal cell-derived factor 2-like protein 1 precursor (SDF2 like protein 1)	Q9ESP1	SDF2L_MOUSE	3	0.68	3	0.60					64136
Stromal membrane-associated protein 1	Q91VZ6	Q91VZ6			1	2.58			2	1.32	
Structural maintenance of chromosome 1-like 1 protein (SMC1alpha protein) (Chromc	Q9CU62	SMC1A_MOUSE	4	1.98	4	1.42			3	1.05	24061
Structural maintenance of chromosome 2-like 1 protein (Chromosome-associated pro	Q8CG48	SMC2_MOUSE	2	1.56					1	0.86	14211
Structural maintenance of chromosome 3 (Chondroitin sulfate proteoglycan 6) (Chron	Q9CW03	SMC3_MOUSE	1	1.50	1	1.26					13006
Structural maintenance of chromosomes 1-like 2 protein (SMC1beta protein)	Q920F6	SM1L2_MOUSE							1	0.31	140557
Structural maintenance of chromosomes 4-like 1 protein (Chromosome-associated pc	Q8CG47	SMC4_MOUSE			1	0.34	2	1.16	1	0.95	70099
Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (	Q8K2B3	DHSA_MOUSE	23	2.22	19	2.00	7	1.10	13	2.49	66945
Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor (E	Q9CQA3	DHSB_MOUSE	2	1.38	1	2.33	1	1.26	3	9.92	67680
Succinate dehydrogenase cytochrome b560 subunit, mitochondrial precursor (Integra	Q9CZB0	C560_MOUSE			1	1.46					66052
Succinate semialdehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.24) (NAD	Q8BWF0	SSDH_MOUSE	1	0.47			1	0.72	1	1.27	214579
Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.5) (S	Q9Z2I9	SUCB1_MOUSE	7	1.42	12	1.73	6	1.22	5	1.21	20916
Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor (EC 6.2.1.4)	Q9WUM5	SUCA_MOUSE	13	1.45	18	1.26	10	53.36	9	0.95	56451
Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor (EC 2.8.	Q9D0K2	SCOT_MOUSE	8	1.14	5	1.21	4	1.16	4	1.09	67041
Suclg2 protein	Q66JT3	Q66JT3	1	1.59							
Sulfatase modifying factor 1 precursor (C-alpha-formyglycine-generating enzyme 1)	Q8R0F3	SUMF1_MOUSE	3	1.59	2	1.25	1	0.63			58911
Sulfated glycoprotein 1 precursor (SGP-1) (Prosaposin)	Q61207	SAP_MOUSE	36	1.65	65	1.46	29	1.33	36	1.13	19156

Sulfide:quinone oxidoreductase, mitochondrial precursor (EC 1.-.-.-)	Q9R112	SQRD_MOUSE	6	1.34	3	1.62				59010
Sulfotransferase family cytosolic 2B member 1 (EC 2.8.2.2) (Sulfotransferase 2B1) (S	O35400	ST2B1_MOUSE	1	1.43	1	1.06				54200
Supervillin (Archvillin) (p205/p250)	Q8K4L3	SVIL_MOUSE							1	0.13	
Suppressor of fused homolog	Q9Z0P7	SUFU_MOUSE	1	0.22							
Suppressor of G2 allele of SKP1 homolog	Q9CX34	SUGT1_MOUSE	4	1.52	6	1.11	2	1.89			67955
Suppressor of SWI4 1 homolog (Ssf-1) (Peter Pan homolog)	Q91YU8	SSF1_MOUSE	1	0.40							235036
Suppressor of Ty 6 homolog protein (Chromatin structural protein)	Q62383	SUP6H_MOUSE	3	5.76	4	1.45	2	1.97	4	0.81	20926
Suppressor of var1, 3-like 1	Q80YD1	Q80YD1			2	1.13					
Surfeit locus protein 2 (Surf-2)	P09926	SURF2_MOUSE	1	3.88	2	1.16			2	1.23	20931
Surfeit locus protein 4	Q64310	SURF4_MOUSE	31	1.55	34	1.55	5	1.28	6	1.07	20932
SWI/SNF related matrix-associated actin-dependent regulator of chromatin subfamily	P97496	SMRC1_MOUSE	1	1.27	1	0.98					20588
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily	Q6PDG5	SMRC2_MOUSE	7	1.40	5	1.76	2	0.68	2	0.38	68094
SWI/SNF-related, matrix associated, actin-dependent regulator of chromatin subfamil	Q04692	SMRCD_MOUSE			1	0.05	2	1.71			13990
Sympk protein	Q80X82	Q80X82			2	3.09					
Synaptic glycoprotein SC2	Q9CY27	GPSN2_MOUSE	2	1.65	1	1.37					106529
Synaptic vesicle membrane protein VAT-1 homolog (EC 1.-.-.-)	Q62465	VAT1_MOUSE	23	1.33	28	1.48	5	1.77	9	0.91	26949
Synaptobrevin-like protein (Synaptobrevin like 1) (Mus musculus adult male kidney cD	P70280	P70280			1	0.50	4	0.98	2	0.08	
Synaptonemal complex protein SC65	Q8K2B0	Q8K2B0	1	1.39	1	2.09			2	1.63	
Synembryn (Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enric	Q9ERR6	Q9ERR6	1	2.32	1	2.10	1	2.28	1	3.94	
Syntaxin binding protein 1 (Unc-18 homolog) (Unc-18A) (Unc-18-1)	O08599	STXB1_MOUSE	3	0.93							20910
Syntaxin binding protein 3 (UNC-18 homolog 3) (UNC-18C) (MUNC-18-3)	Q60770	STXB3_MOUSE	2	1.25	1	0.57	1	0.81	3	0.84	20912
Syntaxin-12	Q9ER00	STX12_MOUSE	4	1.38	4	0.87	3	0.89			100226
Syntaxin-1B2 (Syntaxin 1B)	P61264	STX1C_MOUSE	1	108.95	1	19.76			1	9.81	56216
Syntaxin-5	Q8K1E0	STX5_MOUSE			1	0.97					56389
T lymphocyte activation antigen CD80 precursor (Activation B7-1 antigen) (B7)	Q00609	CD80_MOUSE	1	1.08							12519
TATA-box binding protein (TATA-box factor) (TATA binding factor) (TATA sequence-b	P29037	TBP_MOUSE	1	0.21					1	0.13	21374
TBC1 domain family member 1	Q60949	TBCD1_MOUSE			1	0.45			1	12.71	57915
T-box transcription factor TBX15 (T-box protein 15) (MmTBx8)	O70306	TBX15_MOUSE							1	2.63	21384
T-cell immunomodulatory protein precursor (TIP protein)	Q99KW9	TIP_MOUSE			1	3.10			1	0.84	71927
T-complex associated-testis-expressed 1-like (Protein 91/23)	P56387	TCT1L_MOUSE	1	2.01					1	0.26	67117
T-complex protein 1, alpha subunit B (TCP-1-alpha) (CCT-alpha) (Tailless complex po	P11983	TCPA2_MOUSE	2	1.20	3	0.91			1	1.40	21454
T-complex protein 1, beta subunit (TCP-1-beta) (CCT-beta)	P80314	TCPB_MOUSE	6	1.22	7	1.94	2	1.46	1	2.34	12461
T-complex protein 1, delta subunit (TCP-1-delta) (CCT-delta) (A45)	P80315	TCPD_MOUSE	26	1.35	18	1.03	16	1.61	6	1.45	12464
T-complex protein 1, eta subunit (TCP-1-eta) (CCT-eta)	P80313	TCPH_MOUSE	8	1.18	11	1.00	4	1.40	5	1.26	12468
T-complex protein 1, gamma subunit (TCP-1-gamma) (CCT-gamma) (Matricin)	P80318	TCPG_MOUSE	23	1.27	41	0.82	6	1.08	10	0.91	12462
Tenc1 protein	Q8CGB6	Q8CGB6	1	1.26			1	1.16	2	1.21	
Testase 4	Q8K4K0	Q8K4K0							1	0.20	
Testis-specific Y-encoded-like protein 1 (TSPY-like 1)	O88852	TSYL1_MOUSE							1	1.29	22110
Testosterone-regulated RP2 protein (Androgen regulated protein RP2)	P11930	RP2_MOUSE			2	1.86	1	0.28			110959
Tetratricopeptide repeat protein 1 (TPR repeat protein 1)	Q91Z38	TTC1_MOUSE	1	2.02	1	0.93	1	4.63	1	1.94	66827
Tetratricopeptide repeat protein 11 (TPR repeat protein 11) (Fis1 homolog)	Q9CQ92	TTC11_MOUSE	2	1.51	3	1.07	3	1.22	3	0.90	66437
Tetratricopeptide repeat protein 7A (TPR repeat protein 7)	Q8BGB2	TTC7A_MOUSE	1	1.04	2	1.39					225049
Tetratricopeptide repeat protein KIAA0103	Q9CRD2	T103_MOUSE	3	1.50							66736
Tex264 protein	Q99LS5	Q99LS5	1	1.01	1	1.76	1	1.17	3	1.13	
TFIIH basal transcription factor complex helicase subunit (EC 3.6.1.-) (DNA-repair pro	O08811	ERCC2_MOUSE							1	4.03	13871
TGF beta-inducible nuclear protein 1 (L-name related LNR42)	Q9CR47	TIP1_MOUSE			1	1.42			2	2.67	59050
Thiamin pyrophosphokinase 1 (EC 2.7.6.2) (Thiamine pyrophosphokinase 1) (mTPK1	Q9R0M5	TPK1_MOUSE			1	1.77					29807
Thioredoxin (ATL-derived factor) (ADF)	P10639	THIO_MOUSE	26	2.54	25	1.75	13	1.63	20	1.80	22166
Thioredoxin domain containing protein 1 precursor	Q8VBT0	TXNDC_MOUSE	3	1.32	6	1.31	4	0.99	8	0.96	72736
Thioredoxin domain containing protein 5 precursor (Thioredoxin-like protein p46) (Enc	Q91W90	TXND5_MOUSE	66	1.26	82	1.48	35	1.24	51	1.17	105245
Thioredoxin domain containing protein 9 (ATP binding protein associated with cell diff	Q9CQ79	TXND9_MOUSE	1	6.23	1	5.60	1	1.94	1	4.10	98258
Thioredoxin, mitochondrial precursor (Mt-TRX) (Thioredoxin 2)	P97493	THIOM_MOUSE	2	9.48	4	9.66	6	1.48	5	1.08	56551
Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (F	P20108	PRDX3_MOUSE			1	0.97					11757
Thioredoxin-like protein 1 (32 kDa thioredoxin-related protein)	Q8CDN6	TXNL1_MOUSE			1	3.96	1	0.74	3	1.33	
Thioredoxin-like protein 2 (PKC-interacting cousin of thioredoxin) (PKC-theta-interacti	Q9CQM9	TXNL2_MOUSE	4	1.34	5	1.13	1	0.34	4	1.68	30926
THO complex subunit 3 (Tho3)	Q8VE80	THOC3_MOUSE	2	1.93	1	0.93			1	0.65	73666
Three prime repair exonuclease 1 (EC 3.1.11.2) (3'-5' exonuclease TREX1)	Q91XB0	TREX1_MOUSE			1	2.02					22040
Threonyl-tRNA synthetase, cytoplasmic (EC 6.1.1.3) (Threonine--tRNA ligase) (ThrRS	Q9D0R2	SYTC_MOUSE	4	1.66	6	1.71	2	2.03	3	2.55	
Thrombomodulin precursor (Fetomodulin) (TM)	P15306	TRBM_MOUSE			5	2.68	3	1.78	13	1.48	21824
Thrombospondin repeat protein 1	Q80T21	Q80T21					2	0.81			
Thrombospondin-2 precursor	Q03350	TSP2_MOUSE	1	1.74	3	8.44	1	1.55	2	3.50	21826

THUMP domain containing protein 1	Q99J36	THUM1_MOUSE	2	1.61			1	3.36	1	1.07	
Thy-1 membrane glycoprotein precursor (Thy-1 antigen) (CDw90) (CD90 antigen)	P01831	THY1_MOUSE	6	1.20	10	1.95					21838
Thymidine kinase, cytosolic (EC 2.7.1.21)	P04184	KITH_MOUSE			2	0.99			1	3.39	21877
Tight junction protein ZO-1 (Zonula occludens 1 protein) (Zona occludens 1 protein) (	P39447	ZO1_MOUSE			1	1.44					21872
Timeless homolog (mTim)	Q9R1X4	TIM_MOUSE			1	4.50					
Tissue factor precursor (TF) (Coagulation factor III)	P20352	TF_MOUSE	4	1.68	4	1.87	4	1.94	3	1.20	14066
T-lymphokine-activated killer cell-originated protein kinase (EC 2.7.1.37) (T-LAK cell-o	Q9JJ78	TOPK_MOUSE							1	2.33	
Tmc3 protein	Q7TQ69	Q7TQ69							1	0.10	
TNF receptor associated factor 2	P39429	TRAF2_MOUSE			3	1.59	1	1.23	2	0.56	22030
TNF receptor associated factor 3 (CD40 receptor associated factor 1) (CRAF1) (TRAF	Q60803	TRAF3_MOUSE							1	6.66	22031
TNF receptor associated factor 5	P70191	TRAF5_MOUSE							2	1.48	22033
Toll-like receptor 13	Q6R5N8	Q6R5N8			2	0.04			1	0.01	
Toll-like receptor 2 precursor	Q9QUN7	TLR2_MOUSE			1	0.94					24088
Trafficking protein particle complex subunit 4 (Synbindin) (TRS23 homolog)	Q9ES56	TPPC4_MOUSE	2	1.00	2	0.75	2	0.36	2	1.06	60409
Trafficking protein particle complex subunit 6B	Q9D289	TPC6B_MOUSE	1	1.36	2	1.36	4	1.59	3	1.19	78232
Transaldolase (EC 2.2.1.2)	Q93092	TALDO_MOUSE	8	1.23	6	0.93	1	1.03	2	1.57	21351
Transcription elongation factor A protein 1 (Transcription elongation factor S-II protein	P10711	TCEA1_MOUSE	4	8.18	4	0.93			2	1.07	21399
Transcription elongation factor B polypeptide 1 (RNA polymerase II transcription facto	P83940	ELOC_MOUSE	2	0.71	1	0.85	1	1.23			67923
Transcription elongation factor B polypeptide 2 (RNA polymerase II transcription facto	P62869	ELOB_MOUSE	5	1.45	4	0.99	3	1.69	3	1.31	67673
Transcription factor BTEB4 (Basic transcription element binding-protein 4) (BTE-bindi	P58334	BTEB4_MOUSE			1	2.08					118445
Transcription factor IIIA (Fragment)	Q8VHT7	Q8VHT7							1	5.31	
Transcription factor p65 (Nuclear factor NF-kappa-B p65 subunit)	Q04207	TF65_MOUSE	6	1.73	4	0.74	2	1.23	5	0.97	19697
Transcription initiation factor IIB (General transcription factor TFIIB) (RNA polymerase	P62915	TF2B_MOUSE			1	0.91					229906
Transcription initiation factor IIE, alpha subunit (TFIIE-alpha) (General transcription fa	Q9D0D5	T2EA_MOUSE							2	2.60	74197
Transcription initiation factor TFIID subunit 5 (Transcription initiation factor TFIID 100	Q8C092	TAF5_MOUSE							1	1.72	226182
Transcription initiation factor TFIID subunit 6 (Transcription initiation factor TFIID 70 k	Q62311	TAF6_MOUSE					1	11.95			21343
Transcription intermediary factor 1-alpha (TIF1-alpha) (Tripartite motif protein 24)	Q64127	TIF1A_MOUSE	1	0.32							21848
Transcription intermediary factor 1-beta (TIF1-beta) (Tripartite motif protein 28) (KRAB	Q62318	TIF1B_MOUSE	6	1.44	11	3.62	4	2.61	16	1.23	21849
Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif protein 33)	Q99PP7	TIF1G_MOUSE			1	0.58					94093
Transcription termination factor, RNA polymerase II	Q5NC05	Q5NC05							1	1.21	
Transcriptional activator protein PUR-alpha (Purine-rich single-stranded DNA-binding	P42669	PUR_MOUSE	1	2.25							19290
Transcriptional regulator ATRX (X-linked nuclear protein) (Heterochromatin protein 2)	Q61687	ATRX_MOUSE			1	3.49					22589
Transcriptional repressor CTCF (CCCTC-binding factor) (CTCFL paralog) (11-zinc fin	Q61164	CTCF_MOUSE			6	4.10	2	13.81	5	1.41	13018
Transcriptional repressor p66 beta (p66/p68)	Q8VHR5	P66B_MOUSE	1	1.83	1	1.87			1	3.08	229542
Transferrin receptor protein 1 (TfR1) (TR) (TfR) (Trfr)	Q62351	TFR1_MOUSE			1	0.65					22042
Transformation/transcription domain-associated protein (Tra1 homolog)	Q80YV3	TRRAP_MOUSE	2	0.61					1	0.24	100683
Transformer-2 protein homolog (TRA-2 alpha)	Q6PFR5	TRA2A_MOUSE			1	3.22					101214
Transforming acidic coiled-coil containing protein 1	Q6Y685	TACC1_MOUSE	3	1.00	4	0.95	1	0.90	4	1.23	
Transforming protein RhoA	Q9QUI0	RHOA_MOUSE	3	1.71							11848
Transgelin (Smooth muscle protein 22-alpha) (SM22-alpha) (Actin-associated protein	P37804	TAGL_MOUSE	4	1.98	6	1.54	2	1.94	4	1.33	21345
Transient receptor potential cation channel subfamily A member 1 (Ankyrin-like with tr	Q8BLA8	TRPA1_MOUSE			1	0.02			1	0.06	277328
Transketolase (EC 2.2.1.1) (TK) (P68)	P40142	TKT_MOUSE	25	1.78	27	1.46	10	1.35	13	1.15	21881
Translation initiation factor eIF-2B alpha subunit (eIF-2B GDP-GTP exchange factor)	Q99LC8	EI2BA_MOUSE	1	1.11	2	0.96					209354
Translation initiation factor eIF-2B beta subunit (eIF-2B GDP-GTP exchange factor)	Q99LD9	EI2BB_MOUSE	1	5.69	1	0.53	1	1.06	2	2.43	217715
Translation initiation factor eIF-2B delta subunit (eIF-2B GDP-GTP exchange factor)	Q61749	EI2BD_MOUSE			2	1.35			6	0.99	13667
Translin associated protein X (Translin-associated factor X) (Mus musculus adult mal	Q9QZE7	Q9QZE7	1	0.68							
Transmembrane 4 superfamily member 7	Q9DCK3	T4S7_MOUSE							2	0.23	64540
Transmembrane 9 superfamily protein member 1 precursor	Q9DBU0	TM9S1_MOUSE			1	0.79	3	0.66	1	0.81	74140
Transmembrane 9 superfamily protein member 2 precursor	P58021	TM9S2_MOUSE	7	2.27	8	2.52	4	1.67	2	1.31	68059
Transmembrane 9 superfamily protein member 3 precursor	Q9ET30	TM9S3_MOUSE	3	1.34	3	1.22	2	1.37	1	1.37	107358
Transmembrane emp24 domain containing protein 6 precursor	Q9CQG0	TMED6_MOUSE							1	1.36	
Transmembrane GTPase MFN1 (EC 3.6.5.-) (Mitofusin 1)	Q811U4	MFN1_MOUSE	3	6.39	2	2.38	1	0.18			67414
Transmembrane GTPase MFN2 (EC 3.6.5.-) (Mitofusin 2) (Hypertension related prote	Q80U63	MFN2_MOUSE	1	1.16							170731
Transmembrane protein 15	Q8R2Y3	Q8R2Y3							1	0.35	
Transmembrane protein 16F	Q6P9J9	Q6P9J9	1	1.88	2	1.20			1	1.34	
Transmembrane protein 33 (DB83 protein)	Q9CR67	TMM33_MOUSE	6	1.21	7	2.11			4	0.97	67878
Transmembrane protein PFT27 (TPA regulated locus protein)	P52875	PF27_MOUSE							1	32.40	21982
Transportin 1 (Importin beta-2) (Karyopherin beta-2)	Q8BFY9	TNPO1_MOUSE	9	1.61	7	1.20	7	1.90	10	3.40	238799
Transportin 2 (Karyopherin beta-2b)	Q99LG2	TNPO2_MOUSE	8	1.22	2	1.26	2	2.28			212999
Transportin 3	Q6P2B1	TNPO3_MOUSE	2	2.41	5	1.38	1	1.64	6	1.97	320938
Trifunctional enzyme beta subunit, mitochondrial precursor (TP-beta) [Includes: 3-ket	Q99JY0	ECHB_MOUSE	1	1.37	5	1.32	5	1.07	8	0.86	231086

Trifunctional purine biosynthetic protein adenosine-3 [Includes: Phosphoribosylamine-	Q64737	PUR2_MOUSE	10	3.68	9	4.04			2	1.32	14450
Trim59 protein (RING finger 1)	Q922Y2	Q922Y2	1	1.05	1	1.08	1	0.78			
Trimethyllysine dioxygenase, mitochondrial precursor (EC 1.14.11.8) (Epsilon-trimeth	Q91ZE0	TMLH_MOUSE			1	1.74	2	0.79	5	1.23	192289
Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase)	P17751	TPIS_MOUSE	15	2.46	17	1.20	6	1.75	7	1.42	21991
Tripartite motif protein 16	Q5SUS2	Q5SUS2							1	1.03	
Tripartite motif protein 25 (Zinc finger protein 147) (Estrogen responsive finger protein	Q61510	TRI25_MOUSE	2	1.55			3	2.13	3	1.45	217069
Tripartite motif protein 32 (EC 6.3.2.-)	Q8CH72	TRI32_MOUSE							2	0.83	69807
Tripartite motif protein 47	Q8C0E3	TRI47_MOUSE							1	2.36	217333
Tripartite motif protein 56	Q80VI1	TRI56_MOUSE	1	0.67					2	1.20	384309
Tripeptidyl-peptidase I precursor (EC 3.4.14.9) (TPP-I) (Tripeptidyl aminopeptidase) (I	O89023	TPP1_MOUSE			1	2.17			2	1.00	12751
Tripeptidyl-peptidase II (EC 3.4.14.10) (TPP-II) (Tripeptidyl aminopeptidase)	Q64514	TPP2_MOUSE	2	1.03	1	2.79					22019
tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase 1 (EC 2.1.1.61)	Q9DAT5	TRMT1_MOUSE			2	0.80			2	1.18	72026
tRNA-splicing endonuclease subunit Sen34 (EC 3.1.27.9) (tRNA-intron endonuclease	Q8BMZ5	SEN34_MOUSE			1	1.24					66078
tRNA-splicing endonuclease subunit Sen54 (tRNA-intron endonuclease Sen54)	Q8C2A2	SEN54_MOUSE	1	0.02							76265
Tropomyosin 3, gamma	Q8K0Z5	Q8K0Z5	7	1.51	4	1.74	1	1.08	4	1.19	
Tropomyosin alpha 4 chain (Tropomyosin 4)	Q6IRU2	TPM4_MOUSE	2	1.31	1	1.22					326618
Trpc4-associated protein (Trp4-associated protein) (Short transient receptor potential	Q9JLV2	TP4AP_MOUSE							2	0.75	56407
Tryptophan 5-hydroxylase 1 (EC 1.14.16.4) (Tryptophan 5-monooxygenase 1)	P17532	TPH1_MOUSE					1	19.21			21990
Tryptophanyl-tRNA synthetase (EC 6.1.1.2) (Tryptophan--tRNA ligase) (TrpRS)	P32921	SYW_MOUSE	4	2.40	1	0.96			3	2.12	22375
Tubulin beta-6 chain	Q922F4	TBB6_MOUSE							1	5.65	
Tubulin tyrosine ligase-like protein 1	Q91V51	TTLL1_MOUSE			1	1.22					319953
Tubulin, gamma complex associated protein 3	Q6PDQ9	Q6PDQ9			2	1.30	2	1.19	3	1.24	
Tubulin-specific chaperone c	Q8VCN9	Q8VCN9	4	2.39	1	3.45	2	1.81	4	1.43	
Tubulin--tyrosine ligase (EC 6.3.2.25) (TTL)	P38585	TTL_MOUSE	1	2.35	1	1.96			2	1.33	69737
Tudor domain containing protein 7 (Tudor repeat associator with PCTAIRE 2) (Trap)	Q8K1H1	TDRD7_MOUSE	1	2.41	3	2.31	1	1.78	1	1.64	100121
Tumor differentially expressed protein 1 (Membrane protein TMS-1) (Axotomy induce	Q9QZI9	TDE1_MOUSE	2	1.17	4	1.14					26943
Tumor endothelial marker 1 precursor (CD248 antigen, endosialin)	Q91V98	Q91V98			2	5.33			1	1.18	
Tumor necrosis factor ligand superfamily member 13B (B cell-activating factor) (BAFF	Q9WU72	TN13B_MOUSE	1	3.16							24099
Tumor necrosis factor ligand superfamily member 5 (CD40 ligand) (CD40-L) (TNF-rel	P27548	TNFL5_MOUSE			2	9.35					21947
Tumor necrosis factor receptor superfamily member 10B precursor (Death receptor 5)	Q9QZM4	TR10B_MOUSE			1	0.56			2	0.76	21933
Tumor necrosis factor receptor superfamily member 3 precursor (Lymphotoxin-beta re	P50284	TNR3_MOUSE			2	2.12			3	1.04	17000
Tumor necrosis factor receptor superfamily member 6 precursor (FASL receptor) (Apo	P25446	TNR6_MOUSE							1	1.22	14102
Tumor necrosis factor receptor superfamily member Fn14 precursor (Fibroblast growt	Q9CR75	FN14_MOUSE							2	3.68	27279
Tumor suppressing subtransferable candidate 1	Q8K0G5	Q8K0G5	1	0.90							
Tumor-related protein (Isocitrate dehydrogenase 3, beta subunit)	Q91VA7	Q91VA7	4	2.10	8	2.45	1	0.76	7	1.19	
Type II hair keratin (Fragment)	Q9ERE2	Q9ERE2							2	0.36	
Type V P-type ATPase isoform 3	Q5XF89	Q5XF89					1	1.16			
Type VI collagen alpha 3 subunit	O88493	O88493	5	1.15	3	1.62	5	2.01	4	1.21	
Type-II keratin Kb35	Q6IME9	Q6IME9							1	0.06	
Tyrosine-protein kinase JAK1 (EC 2.7.1.112) (Janus kinase 1) (JAK-1)	P52332	JAK1_MOUSE	1	1.15	2	1.48	3	0.84	3	1.04	16451
Tyrosine-protein kinase receptor Tie-1 precursor (EC 2.7.1.112)	Q06806	TIE1_MOUSE			1	11.27					21846
Tyrosine-protein kinase SYK (EC 2.7.1.112) (Spleen tyrosine kinase)	P48025	KSYK_MOUSE	1	4.78	1	1.88			2	1.45	20963
Tyrosine-protein phosphatase, non-receptor type 1 (EC 3.1.3.48) (Protein-tyrosine ph	P35821	PTN1_MOUSE							1	1.44	19246
Tyrosine-protein phosphatase, non-receptor type 13 (EC 3.1.3.48) (Protein tyrosine pl	Q64512	PTN13_MOUSE	1	1.87	2	0.97			2	0.73	19249
Tyrosine-protein phosphatase, non-receptor type 2 (EC 3.1.3.48) (Protein-tyrosine ph	Q06180	PTN2_MOUSE	1	1.48	1	1.54	2	1.51	2	1.45	19255
Tyrosine-protein phosphatase, non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine pl	Q62136	PTN21_MOUSE							1	1.25	24000
Tyrosyl-tRNA synthetase, cytoplasmic (EC 6.1.1.1) (Tyrosyl--tRNA ligase) (TyrRS)	Q91WQ3	SYYC_MOUSE	4	1.05	6	0.74	2	1.47	3	1.50	107271
U1 small nuclear ribonucleoprotein C (U1 snRNP protein C) (U1C protein) (U1-C)	Q62241	RU1C_MOUSE			4	1.72	1	1.05	2	1.28	20630
U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit related-protein 1 (U	Q64707	U2AFL_MOUSE							2	0.77	22183
U4/U6 small nuclear ribonucleoprotein Prp3 (Pre-mRNA splicing factor 3)	Q922U1	PRPF3_MOUSE	1	1.41	1	1.96	2	1.27	2	0.49	70767
U5 snRNP-associated 102 kDa protein (U5-102 kDa protein)	Q91YR7	PRPU_MOUSE	1	1.10							68879
U6 snRNA-associated Sm-like protein LSm7	Q9CQQ8	LSM7_MOUSE	1	0.53	2	1.40	1	2.30			66094
Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor (I	P99028	UCRH_MOUSE	2	0.87	1	0.51					66576
Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (E	Q9DB77	UQCR2_MOUSE	5	1.36	14	1.21	4	1.48	2	1.74	67003
Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor (E	Q9CZ13	UQCR1_MOUSE	8	1.01	7	0.87	1	1.52			22273
Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.1.2.15) (Ubiquitin thiolesterase 10) (Ut	P52479	UBP10_MOUSE			1	1.07	2	0.93	2	1.40	22224
Ubiquitin carboxyl-terminal hydrolase 25 (EC 3.1.2.15) (Ubiquitin thiolesterase 25) (Ut	P57080	UBP25_MOUSE			1	3.92	1	4.93			30940
Ubiquitin carboxyl-terminal hydrolase 40 (EC 3.1.2.15) (Ubiquitin thiolesterase 40) (Ut	Q8BWR4	UBP40_MOUSE	1	4.13	1	1.30					227334
Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thiolesterase 5) (Ubiq	P56399	UBP5_MOUSE	2	2.25	2	1.05					22225
Ubiquitin carboxyl-terminal hydrolase 8 (EC 3.1.2.15) (Ubiquitin thiolesterase 8) (Ubiq	Q80U87	UBP8_MOUSE			1	1.56	1	0.87	1	1.15	84092
Ubiquitin carboxyl-terminal hydrolase isozyme L5 (EC 3.4.19.12) (UCH-L5) (Ubiquitin	Q9WUP7	UCHL5_MOUSE							1	1.12	56207

Ubiquitin conjugating enzyme 7 interacting protein 3 (UbcM4-interacting protein 28)	Q9WUB0	UB7I3_MOUSE					1	0.36	1	2.41	24105
Ubiquitin ligase LNX (EC 6.3.2.-) (Numb-binding protein 1) (Ligand of Numb-binding p	O70263	LNX1_MOUSE					1	0.01	2	0.05	16924
Ubiquitin ligase protein COP1 (EC 6.3.2.-) (Constitutive photomorphogenesis protein :	Q9R1A8	COP1H_MOUSE			1	0.67			1	0.85	26374
Ubiquitin ligase protein LRSAM1 (EC 6.3.2.-) (Leucine rich repeat and sterile alpha m	Q80ZI6	LRSM1_MOUSE	1	4.42	1	1.45					
Ubiquitin specific protease 16	Q99LG0	Q99LG0	2	1.10	1	2.71					
Ubiquitin specific protease homolog 49 (TRF-proximal protein homolog)	Q9R0X0	USP49_MOUSE			1	1.14			2	1.56	56771
Ubiquitin thiolesterase protein OTUB1 (EC 3.4.-.-) (Otubain 1) (OTU domain-containin	Q7TQI3	OTUB1_MOUSE	11	1.79	9	1.40	10	1.86	3	2.16	107260
Ubiquitin-activating enzyme E1 1	Q02053	UBE1_MOUSE	13	1.42	7	1.24	5	1.31	7	1.28	22201
Ubiquitin-activating enzyme E1c (Nedd8-activating enzyme E1c) (Ubiquitin-activating	Q8C878	UBE1C_MOUSE	4	2.08							22200
Ubiquitin-conjugating enzyme	O88738	O88738	9	2.00	8	0.84	2	1.09	7	1.39	
Ubiquitin-conjugating enzyme E2 G2 (EC 6.3.2.19) (Ubiquitin-protein ligase G2) (Ubiq	P60605	UB2G2_MOUSE	1	1.29							22213
Ubiquitin-conjugating enzyme E2 J1 (EC 6.3.2.19) (Non-canonical ubiquitin conjugatir	Q9JJZ4	UB2J1_MOUSE			1	1.43	1	1.34			56228
Ubiquitin-conjugating enzyme E2 L3 (EC 6.3.2.19) (Ubiquitin-protein ligase L3) (Ubiqu	P68037	UB2L3_MOUSE	6	2.53	6	1.94	4	1.86	4	1.61	22195
Ubiquitin-conjugating enzyme E2 M (EC 6.3.2.19) (Ubiquitin-protein ligase M) (Ubiquit	P61082	UBE2M_MOUSE	3	1.57	2	1.24					22192
Ubiquitin-conjugating enzyme E2-25 kDa (EC 6.3.2.19) (Ubiquitin-protein ligase) (Ubi	P61087	UBC1_MOUSE	3	0.85	3	0.92			1	0.96	53323
Ubiquitin-like 1 activating enzyme E1A (SUMO-1 activating enzyme subunit 1)	Q9R1T2	ULE1A_MOUSE	2	4.38	6	2.05	4	1.70	4	1.66	56459
Ubiquitin-like 2 activating enzyme E1B (SUMO-1 activating enzyme subunit 2) (Anthra	Q9Z1F9	ULE1B_MOUSE	12	1.64	13	1.57	2	1.18	9	1.43	50995
Ubiquitin-like protein 5	Q9EPV8	UBL5_MOUSE	1	1.79							66177
Ubiquitin-like protein SMT3C precursor (Ubiquitin-homology domain protein PIC1)	P63166	SMT3C_MOUSE			1	0.91					22218
Ubiquitin-protein ligase E3A (EC 6.3.2.-) (Oncogenic protein-associated protein E6-AF	O08759	UBE3A_MOUSE					1	0.58			22215
Ubiquitin-protein ligase E3-alpha	O70481	O70481	1	13.96	3	0.99			1	1.39	
UBX domain-containing protein 1	Q99PL6	UBXD1_MOUSE	2	1.58	1	1.21	1	1.02	2	1.08	66530
UBX domain-containing protein 2	Q8VCH8	UBXD2_MOUSE	1	1.24	2	1.46	3	0.88	6	1.10	67812
UDP-Gal:betaGlcNAc beta 1,3-galactosyltranferase-III (UDP-Gal:betaGlcNAc beta 1,3	O54906	O54906							1	0.34	
UDP-galactose translocator (UDP-galactose transporter) (UGT) (UDP-Gal-Tr) (Solute	Q9R0M8	S35A2_MOUSE			2	1.80					22232
UDP-galactose transporter related isozyme 1 (UDP-galactose translocator 2) (Ugalt2	P97858	P97858	2	1.98	1	2.46			1	0.92	
UDP-glucose 4-epimerase (EC 5.1.3.2) (Galactowaldenase) (UDP-galactose 4-epime	Q8R059	GALE_MOUSE	1	5.78			1	1.47			74246
UDP-glucose 6-dehydrogenase (EC 1.1.1.22) (UDP-Glc dehydrogenase) (UDP-GlcDH	O70475	UGDH_MOUSE	12	1.28	9	1.19	5	2.01	3	1.88	22235
UDP-glucose ceramide glucosyltransferase-like 1	Q6NV70	Q6NV70	10	4.05	5	1.38	5	1.08	4	0.83	
UDP-N-acteylglucosamine pyrophosphorylase 1 homolog	Q91YN5	Q91YN5	1	2.08	1	1.25	2	1.84	1	1.59	
UGA suppressor tRNA-associated protein	Q6P6M7	UGTAP_MOUSE							1	0.85	
Ugt2a1 protein	Q80X89	Q80X89			1	4.27					
Uncharacterized hematopoietic stem/progenitor cells protein MDS029 homolog	Q91WS0	MDS29_MOUSE	2	1.68	4	1.19			1	0.84	52637
UPF0082 protein	Q8K0Z7	U082_MOUSE	1	0.85	3	1.13					70207
UPF0120 protein DKFZp564C186 homolog	Q9WV70	YU20_MOUSE	1	9.29	1	5.45	1	0.50			57741
UPF0238 protein C20orf139 homolog	Q9D975	CT139_MOUSE			2	1.76					76650
UPF0326 protein CGI-96	Q9D291	CG96_MOUSE							1	0.79	78825
Uridine 5'-monophosphate synthase (UMP synthase) [Includes: Orotate phosphoribos	P13439	PYR5_MOUSE	7	1.95	2	1.10			5	1.41	22247
Uridine/cytidine kinase-like 1	Q91YL3	UCKL1_MOUSE	1	1.32	1	0.05					68556
Uroporphyrinogen decarboxylase (EC 4.1.1.37) (URO-D) (UPD)	P70697	DCUP_MOUSE			2	3.09			2	2.21	22275
Usp30 protein (Fragment)	Q8CHW7	Q8CHW7			1	0.74			1	0.83	
UTP--glucose-1-phosphate uridylyltransferase 2 (EC 2.7.7.9) (UDP-glucose pyrophos	Q91ZJ5	UGPA2_MOUSE			1	0.26					
UV excision repair protein RAD23 homolog B (mHR23B) (XP-C repair complementing	P54728	RD23B_MOUSE	1	0.31							19359
Vac14 homolog	Q80WQ2	Q80WQ2	1	1.85	1	0.17			1	2.38	
Vacuolar ATP synthase subunit B, brain isoform (EC 3.6.3.14) (V-ATPase B2 subunit)	P62814	VATB2_MOUSE	5	1.73	1	0.06					11966
Vacuolar ATP synthase subunit d (EC 3.6.3.14) (V-ATPase d subunit) (Vacuolar protc	P51863	VA0D_MOUSE	4	1.79	3	1.50	1	1.92			11972
Vacuolar ATP synthase subunit G 1 (EC 3.6.3.14) (V-ATPase G subunit 1) (Vacuolar	Q9CR51	VATG1_MOUSE	2	1.41	2	0.68					66290
Vacuolar protein sorting 11	Q91W86	VPS11_MOUSE	1	1.55							71732
Vacuolar protein sorting 16 (mVPS16)	Q920Q4	VPS16_MOUSE					1	2.17	2	0.87	80743
Vacuolar protein sorting 29 (Vesicle protein sorting 29)	Q9QZ88	VPS29_MOUSE	5	1.74	6	1.45	3	1.59	9	1.11	56433
Vacuolar protein sorting 33B	P59016	VP33B_MOUSE	1	1.06							233405
Vacuolar protein sorting 35 (Vesicle protein sorting 35) (Maternal-embryonic 3)	Q9EQH3	VPS35_MOUSE	5	1.19	13	0.96	2	2.00	1	0.79	65114
Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1 (V-ATPase 116-kI	Q9Z1G4	VPP1_MOUSE	2	1.93	1	1.65					11975
Valacyclovir hydrolase precursor (EC 3.1.-.-) (VACVase) (Biphenyl hydrolase-like prot	Q8R164	BPHL_MOUSE	1	1.31	1	1.29			2	0.79	68021
Valyl-tRNA synthetase 2 (EC 6.1.1.9) (Valine--tRNA ligase 2) (ValRS 2)	Q9Z1Q9	SYV2_MOUSE	25	1.16	25	1.05	15	1.32	15	1.48	22321
Vascular actin single-stranded DNA-binding factor 2 p44 component (Purine rich elem	O35295	O35295	4	1.13	3	1.45	4	1.18	2	0.83	
Vascular cell adhesion protein 1 precursor (V-CAM 1)	P29533	VCAM1_MOUSE	18	1.53	13	1.36	7	1.29	9	2.01	22329
Vascular endothelial growth factor receptor 3 precursor (EC 2.7.1.112) (VEGFR-3) (T	P35917	VGFR3_MOUSE							1	0.11	14257
Vascular endothelial protein tyrosine phosphatase	Q8CIW2	Q8CIW2			1	0.21					
Vascular endothelial zinc finger 1	Q9Z162	Q9Z162			2	0.41			2	0.85	
Vav proto-oncogene (p95vav)	P27870	VAV_MOUSE							1	1.18	22324

Veph-A protein	Q8K4P6	Q8K4P6			1	0.96					
Vesicle docking protein	Q91WE7	Q91WE7	2	1.75	2	1.03					
Vesicle-associated membrane protein-associated protein A (VAMP-associated protein	Q9WV55	VAPA_MOUSE	3	1.33	3	1.23					30960
Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide	P46460	NSF_MOUSE	3	1.68	6	1.24	9	1.41	4	1.54	18195
Vigilin (High density lipoprotein-binding protein) (HDL-binding protein)	Q8VDJ3	VIGLN_MOUSE	8	1.19	5	1.35	5	1.10	3	1.13	110611
Vimentin	P20152	VIME_MOUSE	5	3.65	5	68.64	2	0.27	1	3.43	22352
Vinculin (Metavinculin)	Q64727	VINC_MOUSE	10	1.48	11	1.16	4	1.51	4	0.73	22330
VIP36-like protein precursor (Lectin, mannose-binding 2-like)	P59481	LMA2L_MOUSE	1	0.57							
Vitamin K-dependent gamma-carboxylase (EC 6.4.-.-) (Gamma-glutamyl carboxylase)	Q9QYC7	VKGC_MOUSE	3	0.94	2	1.22	1	1.29			56316
Vitamin K-dependent protein S precursor	Q08761	PROS_MOUSE							2	0.99	19128
VKORC1-like protein 1	Q6TEK5	Q6TEK5			1	1.72					
Voltage-dependent anion-selective channel protein 1 (VDAC-1) (mVDAC1) (mVDAC5	Q60932	VDAC1_MOUSE	7	1.36	4	1.27	1	1.72	1	0.59	22333
Voltage-dependent anion-selective channel protein 2 (VDAC-2) (mVDAC2) (mVDAC6	Q60930	VDAC2_MOUSE	1	0.31	2	0.78	1	3.90	2	0.71	22334
Voltage-dependent anion-selective channel protein 3 (VDAC-3) (mVDAC3) (Outer mit	Q60931	VDAC3_MOUSE			1	0.77					22335
Voltage-dependent R-type calcium channel alpha-1E subunit (Voltage-gated calcium	Q61290	CAC1E_MOUSE			1	0.13					12290
Voltage-gated potassium channel subunit Kv6.3	Q80XM3	Q80XM3			1	1.08					
Vomeronasal receptor V1RB8 (Vomeronasal receptor 1 A13)	Q9EQ45	Q9EQ45			1	0.59					
Vomeronasal receptor V1RH10 (OTTMUSP00000000504)	Q8R274	Q8R274					1	0.46			
VPS28 protein homolog (Caspase-activated DNase inhibitor that interacts with ASK1)	Q9D1C8	VPS28_MOUSE	4	1.40	3	1.22	6	1.47	3	1.27	
WD repeat and FYVE domain containing protein 2 (WD40- and FYVE-domain contain	Q8BUB4	WDFY2_MOUSE			3	0.86			3	1.59	268752
WD repeat domain 11	Q8K1X1	Q8K1X1							3	1.70	
WD repeat domain 21	Q99LF7	Q99LF7	1	0.48	1	0.02					
WD repeat domain 24	Q8CFJ9	Q8CFJ9	1	2.64							
WD repeat membrane protein	Q8K3R5	Q8K3R5	1	1.20	1	1.10					
WD repeat protein WDR6 (WD repeat domain 6) (Mus musculus 6 days neonate skin	Q99ME2	Q99ME2	4	1.50	5	0.97			2	1.55	
Wdfy1 protein	Q8R3I5	Q8R3I5	8	1.34	8	1.42	5	0.89	6	1.27	
WD-repeat protein 12 (YTM1 homolog)	Q9JJA4	WDR12_MOUSE							3	2.69	57750
WD-repeat protein 22	Q80T85	WDR22_MOUSE			1	3.54			2	1.22	320808
WD-repeat protein 26	Q8C6G8	WDR26_MOUSE	1	1.04	4	1.53	2	0.87	3	1.74	226757
WD-repeat protein 35	Q8BND3	WDR35_MOUSE	1	1.86							74682
WD-repeat protein 37	Q8CBE3	WDR37_MOUSE			1	1.55			1	1.48	207615
WD-repeat protein 4	Q9EP82	WDR4_MOUSE	1	2.42			1	1.58	1	0.95	57773
WD-repeat protein 5 (BMP2-induced 3-kb gene protein) (WD-repeat protein BIG-3)	P61965	WDR5_MOUSE							1	7.78	140858
WD-repeat protein HUSSY-07	Q8VEJ4	HUS7_MOUSE	1	1.72	1	0.66					217011
Wdrx1 protein	Q91VM3	Q91VM3			1	2.68			2	1.62	
Williams-Beuren syndrome chromosome region 16 protein homolog	Q9CYF5	WBS16_MOUSE	2	1.28							94254
Wiskott-Aldrich syndrome protein family member 1 (WASP-family protein member 1) (	Q8R5H6	WASF1_MOUSE	1	0.87	2	0.74					
Wiskott-Aldrich syndrome protein family member 2 (WASP-family protein member 2) (	Q8BH43	WASF2_MOUSE			1	0.13					
Wnt-2b protein precursor (Wnt-13)	O70283	WNT2B_MOUSE			1	0.03					22414
WW-domain oxidoreductase (Mus musculus 12 days embryo female mullerian duct in	Q91WL8	Q91WL8	3	0.84	4	1.54	1	1.50	4	1.51	
Xaa-Pro dipeptidase (EC 3.4.13.9) (X-Pro dipeptidase) (Proline dipeptidase) (Prolidas	Q11136	PEPD_MOUSE			1	2.24			2	0.86	18624
Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (	Q00519	XDH_MOUSE	5	2.14	5	1.45	4	1.42	11	1.60	22436
X-linked interleukin-1 receptor accessory protein-like 1 precursor (IL1RAPL-1)	P59823	IRPL1_MOUSE							1	2.55	331461
X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interactin	Q9EPQ2	RPGR1_MOUSE					1	0.12			77945
XPA-binding protein 2	Q9DCD2	XAB2_MOUSE	1	1.76			2	1.40	1	0.26	67439
XPE UV-damaged DNA binding factor (Ddb1 protein)	Q9QYK0	Q9QYK0	1	1.51	2	1.39	2	0.84	1	1.70	
Xpo1 protein	Q6P5F9	Q6P5F9	1	2.56	4	0.93					
Yippee-like protein 5	P62700	YPEL5_MOUSE							1	0.79	383295
Zcchc6 protein	Q8CIH3	Q8CIH3	1	0.93							
Z-DNA binding protein 1 (Tumor stroma and activated macrophage protein DLM-1)	Q9QY24	ZBP1_MOUSE							1	3.74	58203
Zeta-sarcoglycan (Zeta-SG) (ZSG1)	Q8BX51	SGCZ_MOUSE					1	23.90			244431
Zfp406 protein	Q7TS63	Q7TS63			1	1.41					
Zfp472 protein	Q8R2M7	Q8R2M7			1	4.50					
Zfp598 protein	Q80YR4	Q80YR4	1	13.67							
Zinc finger and BTB domain containing protein 5	Q7TQG0	ZBTB5_MOUSE							1	1.03	230119
Zinc finger and BTB domain containing protein 7 (Leukemia/lymphoma related factor)	O88939	ZBTB7_MOUSE			1	1.41					16969
Zinc finger CCCH type domain containing protein 5	Q8BL48	ZNCC5_MOUSE	2	2.62	1	1.17	2	1.98	2	1.45	217331
Zinc finger CCHC domain containing protein 4	Q8BKW4	ZCHC4_MOUSE			1	0.19					78796
Zinc finger DHHC domain containing protein 13 (Huntingtin interacting protein 14 relat	Q9CWU2	ZDH13_MOUSE							1	0.95	243983
Zinc finger DHHC domain containing protein 3 (Golgi-specific DHHC zinc finger protei	Q8R173	ZDHC3_MOUSE			1	6.27			1	1.06	69035
Zinc finger DHHC domain containing protein 6 (H4 homolog)	Q9CPV7	ZDHC6_MOUSE			1	3.11			6	1.60	66980

Zinc finger FYVE domain containing protein 1	Q810J8	ZFYV1_MOUSE			1	2.32	1	0.79	2	0.83	217695
Zinc finger FYVE domain containing protein 16 (Endofin) (Endosomal associated FYV	Q80U44	ZFY16_MOUSE	2	1.16	1	0.78	1	0.68			218441
Zinc finger MYND domain containing protein 10 (BLu protein)	Q99ML0	ZMY10_MOUSE			1	0.28					114602
Zinc finger protein	O88291	O88291							1	0.58	
Zinc finger protein 161 (Zfp-161) (Zinc finger protein 5) (ZF5)	Q08376	ZF161_MOUSE			1	19.87					22666
Zinc finger protein 198 (Fragment)	Q9CU65	ZN198_MOUSE			1	2.67			4	3.75	76007
Zinc finger protein 261 (DXHXS6673E protein)	Q9JLM4	ZN261_MOUSE							2	1.46	56364
Zinc finger protein 265 (Zinc finger, splicing) (Fragment)	Q9R020	ZN265_MOUSE	3	1.30	3	1.58	2	0.85	1	0.25	53861
Zinc finger protein 294 (Zfp-294)	Q6A009	ZN294_MOUSE	1	1.57			1	1.92	1	1.48	
Zinc finger protein 30 (Brain specifically expressed BSG3)	Q78FW7	Q78FW7							1	11.92	
Zinc finger protein 330 (Nucleolar autoantigen 36)	Q922H9	ZN330_MOUSE			2	1.15			3	1.04	30932
Zinc finger protein 451	Q8C0P7	ZN451_MOUSE							1	0.58	98403
Zinc finger protein 456	Q7M6X8	Q7M6X8	1	5.53							
Zinc finger protein 469	Q80WC3	Q80WC3							1	0.08	
Zinc finger protein 482 (Zinc finger and BTB domain containing protein 6)	Q8K088	ZN482_MOUSE	1	0.02							241322
Zinc finger protein 516	Q7TSH3	ZN516_MOUSE			1	2.11					329003
Zinc finger protein 91 (Zfp-91) (Zinc finger protein PZF) (Penta Zf protein)	Q62511	ZFP91_MOUSE	1	0.50							
Zinc finger protein GLI3	Q61602	GLI3_MOUSE	1	1.23							14634
Zinc finger protein-like 1	Q9DB43	ZFPL1_MOUSE	6	1.83	6	1.26	1	0.11	12	0.85	
Zinc finger RNA binding protein	O88532	O88532	5	4.68	12	2.42	5	0.66	10	1.01	
Zinc finger SWIM domain containing protein 5	Q80TC6	ZSWM5_MOUSE			1	0.68					74464
Zinc finger transcription factor Trps1	Q925H1	TRPS1_MOUSE			2	6.06					83925
Zinc fingers and homeoboxes protein 2	Q8C0C0	ZHX2_MOUSE	1	0.13							387609
Zinc phosphodiesterase ELAC protein 2 (EC 3.1.26.11) (Ribonuclease Z 2) (RNase Z	Q80Y81	RNZ2_MOUSE	5	0.85	3	1.12	2	1.03	3	1.12	68626
Zinc transporter 4 (ZnT-4) (Solute carrier family 30, member 4) (Lethal milk protein)	O35149	ZNT4_MOUSE	2	0.43	2	1.16	2	1.17	1	0.44	22785
Zinc-finger protein ubi-d4 (Requiem) (Apoptosis response zinc finger protein) (D4, zin	Q61103	REQU_MOUSE	2	2.90	5	3.95			4	0.98	19708
Zinc-finger protein ZPR1 (Zinc finger protein 259)	Q62384	ZPR1_MOUSE							1	0.80	22687
Zonadhesin precursor	O88799	ZAN_MOUSE							1	0.21	22635
ZW10 interactor (ZW10 interacting protein-1) (Zwint-1)	Q9CQU5	ZWINT_MOUSE	1	1.51	2	0.88	2	2.56			52696
Zyxin related protein-1 (Putative intracellular signaling protein) (TRIP6) (Mus musculu	Q9Z1Y4	Q9Z1Y4	3	1.71	9	2.01	4	1.13	14	1.42	