

Supplementary Table 7.1 – SIRT2 KO versus WT mouse brain tissue acetylome profile

Gene name	Peptides sequence +/- 7 AA	Position	Student's T-test Difference KO_WT	-Log Student's T-test p-value KO_WT	Uniprot ID
Hist1h2bb	KSAPAPKKGSKKAIS	13	9.88	5.60	Q64475
Csd2	LPSPKPTKRTYSA	53	6.40	6.22	Q91YQ3
Mag	PDKYSEKQRLGSR	533	6.06	3.72	Q3ZB60
Tppp3	ALEELATKRFKGSK	85	5.47	2.61	Q9CRB6
Sorbs1	ARSISAVKIIPVKT	39	5.42	4.58	E9Q6A3
Psat1	TVNIVHPKLGSTKI	127	5.27	3.79	Q99K85
Bcas1	PTSLPLGKLFWKTS	256	5.22	3.24	Q80YN3
Slc25a5	IFLGVDKRTQFWRY	105	5.01	2.09	P51881
Pclo	PVQAPTQKAEKDKK	957	4.75	6.33	Q9QYX7
Dbi	DKAAEEVKRLKTQPT	14	4.65	4.81	P31786
Slc9a3r1	AKLLVVDKETDEFFK	228	4.63	2.90	P70441
Ppp1r2	YNEGLNIKLRQLIS	156	4.59	4.81	D3Z3A0
Got1	KEWKGNVKTMDRIL	325	4.58	3.51	P05201
Scp2	SVLPNSDKKADCTIT	491	4.52	4.90	P32020
Tpm3-rs7	DDLEDKLTCTKEEHL	225	4.49	2.26	D3Z2H9
Synrg	HPPAAATKYDVFKQL	735	4.49	1.94	V9GXD9
Eea1	AAVLDEKACKELKH	892	4.42	6.09	Q8BL66
Ndufs3	PRSDVTHKQLSAFGE	55	4.41	3.17	Q9DCT2
Wipf3	PSPRLPIKAISGPLP	150	4.38	1.72	D3Z5R4
Omg	LEKVVLKNTLRSL	142	4.38	1.74	Q63912
Pcdhgc5	TLTNAAGKRDGKAPA	109	4.28	3.27	A0A0A6
Zyx	PAFYAPQKKFAPVVA	24	4.23	3.92	Q62523
Pgam1	KHGEAQVKIWRRSYD	113	4.19	4.69	Q9DBJ1
Bcas1	VSIGPVGKSK_____	377	4.14	3.48	Q80YN3
Uqcrb	FYLEPYLKEVIRERK	96	4.14	2.07	Q9CQB4
Tmsb10	IASFDKAKLKTETQ	17	4.09	1.69	Q6ZWY8
Pgam5	PLSLINLKRNVESG	37	4.09	3.70	A0A0G2
Slc9a3r1	GDVVSIAKGGGDEAK	215	4.01	4.86	P70441
Map7d2	TDAGEAAKILAEKRR	451	3.97	3.69	A2AG50
Ank3	PCVPVGMKKMTRTTA	1665	3.97	5.52	S4R1S2
Hprt1	DQSTGDIKVIGGDDL	115	3.91	3.56	P00493
Map2	SIEEAVAKKEESFKL	454	3.86	2.80	P20357
Mrpl12	GINLVQAKKLVESLP	165	3.86	1.85	Q9DB15
Necap1	SIGNITAKKGGASKP	169	3.84	3.01	Q9CR95
Hnrnp1l	REFESQAKRLKTEEG	25	3.80	4.47	V9GXB6
Ctnn	YSSGFGGKYGVQADR	161	3.80	4.14	Q60598
Ccdc58	AQTSAVVKSLEERE	73	3.76	2.95	F8WJ13

Fis1	AARNFERKFQSEQAA	13	3.75	5.84	G3X9U9
Cisd1	VGPLIIKKKET____	105	3.70	3.81	Q91WS0
Bcap31	DIGNTEMKLEENKSL	176	3.68	3.95	Q61335
Camk2a	ARICRLKHPNIVRL	68	3.66	2.71	P11798
Plin3	TVCDVAEKGVKTLTT	65	3.63	3.62	Q9DBG5
Cend1	APGPAATKKTPAKAD	61	3.62	2.57	Q9JKC6
Asrgl1	IPQVPVEKLITERTK	155	3.61	1.87	Q8C0M9
Bcas1	DGHAAGQKMSETQAK	163	3.61	2.93	Q80YN3
Asrgl1	RTKKHLEKEKLEKGA	167	3.60	4.09	Q8C0M9
	EEEAPFWKINAERSR	193	3.59	4.07	Q8C3W1
Map1a	KDQILSEKAALVQRD	1362	3.58	2.89	Q9QYR6
Purb	KRFYLDVKQNAKGRF	77	3.58	1.78	O35295
Plp1	RQIFGDYKTTICGKG	105	3.56	3.88	P60202
Aldoc	ESVGSMARLSQIGV	42	3.49	3.44	P05063
Marcks1	KLSGLSFKRNRKEGG	106	3.49	4.22	P28667
Sec24c	IVVKQEDKLEMLFKH	1059	3.43	4.41	G3X972
Cyb5a	YTLEEIQKHKDSKST	19	3.43	2.80	G5E850
Atp5i	KKRLDELKRIERELA	55	3.40	3.39	Q06185
Prdx6	TELGRAAKLAPEFAK	32	3.36	4.10	D3Z0Y2
Aldh11	ATYEGIQKKETAMIN	205	3.34	3.03	Q8R0Y6
A830010M20Rik	IPKISSVKSLDSCPS	1050	3.34	3.77	G3X9V7
Fam136a	HLIPTMTKKMKESLS	127	3.33	3.87	Q9CR98
Aldoa	ESTGSIAKRLQSIGT	42	3.31	3.32	P05064
Mbp	HYGSLPQKSQHGRQT	115	3.28	2.05	F6RT34
Chchd6	KGPLTDVKVPSAESG	106	3.25	4.24	Q91VN4
Snap91	AVARAVCKATTHEVM	28	3.23	2.30	Q3TWS4
Ube2n	RICLDILKDKWSPAL	92	3.19	2.16	P61089
Hn1	MTTTTTFKGVDPNSR	8	3.17	5.83	P97825
Tmcc1	AIAHLQQKILKLTEQ	236	3.16	5.35	Q69ZZ6
Fam136a	QLDSCVTKCVDDHMH	113	3.16	4.02	Q9CR98
Nap1l5	ESLPNSVKCRVLALK	65	3.13	5.08	Q9JJF0
Chchd3	ELALEQAKKESEHQR	76	3.12	3.59	Q9D9P1
Reep5	VNLLGDEKKST____	186	3.09	2.55	G3X8R0
Pebp1	KSGDNRGKFKVETFR	148	3.07	2.03	P70296
Protein	GRGKQAEKRLPGPDE	52	3.07	4.34	Q9CWU4
Anp32a	HLNLSGNKIKDLSTI	95	3.07	2.86	F6UFG6
Pgam1	NKAETAAKHGAEQVK	106	3.06	3.14	Q9DBJ1
Ociad2	STHGNQEKSPHLPPL	12	3.04	3.28	Q9D8W7
Dbi	RPGLLDLKGKAKWDS	51	3.03	4.91	P31786
Mycbp	QFRRYLEKSGVLDLTL	20	3.02	2.08	Q9EQS3
Grcc10	EIASLSGKLKALFLP	101	3.01	2.14	O35127
Svip	DIQSVEAKKKKKEQL	50	3.00	4.39	Q3UZP4
Mapt	DLSKVTSKCGSLGNI	613	2.99	2.14	A0A0A0
Vat1l	ADYVQEVKRISAEGV	238	2.98	3.71	Q80TB8

Hspe1	MAGQAFRKFLPLFDR	8	2.96	3.75	Q64433
Stip1	KPSDLGTLQDPRVM	169	2.95	2.98	Q60864
Ncam2	QSKEDDIKA_____	836	2.94	3.86	O35136
Tppp3	PANIGVTKAKTGGA	115	2.94	3.55	Q9CRB6
Calm1	TMMARKMKDSEEE	78	2.94	3.19	P62204
Reep2	GQGVLEKLSFSMQ	147	2.93	3.70	Q8VCD6
Bcap31	STKKLEKAENEALA	203	2.92	3.38	Q61335
Rgs10	PDAQTAAKRASRIYN	173	2.91	3.73	Q9CQE5
Alb	ESAANCDKSLHTLFG	88	2.90	2.34	P07724
Ttr	SKCPLMVKVLDAVRG	35	2.89	2.91	P07309
Bcap29	IANKGVLIQAENTN	138	2.87	2.16	Q61334
Timm8a1	NRLEQTQKSKPVFSE	86	2.87	4.72	Q9WVA2
Snrpc	_____MPKFYCDYCD	3	2.86	1.91	Q62241
Amph	DVKMVGEKCDVLWED	101	2.85	2.38	Q7TQF7
Eea1	DYTHLEEKHNEESAS	324	2.81	4.11	Q8BL66
Atp6ap2	IYRMTNQKIRID____	346	2.80	4.19	Q9CYN9
Fam107b	RELLMNQKRSCPSE_	42	2.79	3.20	H3BLE6
Tpm3-rs7	VLENRALKDEEKME	100	2.77	3.74	D3Z2H9
Glr	AQEFVNCKIQSGKV	9	2.75	3.72	Q9QUH0
Chchd3	RKQDAFYKEQLARLE	142	2.72	2.89	Q9D9P1
Gapdh	PAKYDDIKKVVQAS	257	2.71	1.97	P16858
Alb	LHTLFGDKLCAIPNL	97	2.68	2.03	P07724
Slc6a11	TISAITEKETHF_____	623	2.68	1.74	P31650
Ndufv1	ARLIEFYKHESCGQC	366	2.67	3.06	D3YUM1
Tpm3-rs7	RALKDEEKMELEIQ	104	2.66	2.88	D3Z2H9
Stip1	MEQVNELKEKGNKAL	8	2.64	3.34	Q60864
Akap12	LFSSSLKKLSGKKQ	510	2.64	4.10	Q9WTQ5
Nefh	KVVEKSEKETVIVEG	450	2.63	2.43	P19246
37316	VQFDTSMKGRITTKL	187	2.60	3.86	Q922Q1
Ywhah	TMADGNEKKLEKKA	77	2.59	3.01	P68510
Cnp	QLSADDLKKLPGLE	174	2.59	2.93	P16330
Triap1	RYQQCVQKAIKEKEI	50	2.58	2.25	Q9D8Z2
Map1b	YSYEISEKTTRTPEV	1958	2.57	2.71	P14873
Sh3gl2	_MSVAGLKKQFHKAT	7	2.55	3.88	Q8BXU5
Ensa	PEKAEAKLKAKYPS	36	2.53	1.94	P60840
Stmn1	KLERLREKDKHVEEV	126	2.53	1.89	P54227
Eea1	ELQHQLKSKQQHQE	485	2.51	1.94	Q8BL66
Vapb	TEAPAAAKSLTSPLD	155	2.50	2.47	Q8BH80
Mapt	HVPGGGNKKIETHKL	661	2.50	4.29	A0A0A0
Timm8a1	CMDKPGPKLDSRAEA	54	2.47	1.95	Q9WVA2
Cyb5a	LEEIQKHKDSKSTWV	21	2.47	1.84	G5E850
Chchd3	SVSDEDLKRRVAEEL	63	2.46	2.18	Q9D9P1
Tpd52	EEKVENLKSKEGAK	207	2.45	1.86	F8WHQ1
Timm10	MQDEELMKRVQSSG	81	2.42	3.11	P62073
Gng2	RKLVEQLKMEANIDR	20	2.40	2.19	P63213

Sptan1	ERELELQKEQRRQEE	2180	2.36	2.47	A3KGU5
Tpm3-rs7	TTTIEAVKRRIQVLQ	11	2.35	3.94	D3Z2H9
Got1	VVRKVEQKIANDNSL	60	2.34	1.85	P05201
Pvalb	KVFHILDKDKSGFIE	53	2.33	2.99	P32848
Arfgap1	SLNENVLKPAQEKGV	263	2.31	4.91	V9GWV1
Fam163b	ATTSFSQKSPQARAL	83	2.31	2.78	Q8BUM6
Map2	RVKIESVKLDFKEKA	1730	2.31	3.29	P20357
Pfdn6	DYITAEIKRYESQLR	88	2.31	1.90	Q03958
Cltb	QELDAASKVTEQEW	122	2.31	1.86	Q6IRU5
Dync1h1	RSFDSEFKLACKVDG	4281	2.30	2.11	Q9JHU4
Mkl1	APASSPVKRESGFSS	574	2.28	3.78	D3YUG5
Taf11	SLLTPAAKKLKLDIK	82	2.27	2.21	Q99JX1
Dbi	LDLKGKAKWDSWNKL	55	2.27	2.76	P31786
Psmb6	IANRVTDKLTPIHDH	66	2.26	2.79	Q60692
Fam136a	GTKELQVKRQLDSCV	104	2.26	3.58	Q9CR98
Gng11	HIEDLPEKEKLKMEV	12	2.23	3.47	P61953
Dlgap4	SSCLVAYKKTPTTVP	541	2.23	2.53	B7ZNS2
Prrc2a	HGLQSLGKVAIARRM	49	2.21	3.32	Q7TSC1
Prrc2c	VRRSGPIKKPVL RDM	992	2.20	2.06	S4R294
Gap43	KAHKAATKI QASFRG	37	2.18	2.44	P06837
Slc1a2	SVEEEPWKREK_____	569	2.18	3.17	P43006
Tpd52l2	MRNSATFKSFEDRVG	144	2.17	2.21	V9GWU5
Synrg	GTKASTDKYAVFKGI	508	2.17	3.22	V9GXD9
Fscn1	NASASSLKKKQIWTL	41	2.14	2.57	A0A0G2
Acadl	PHHTEWEKAGEVSRE	81	2.13	2.86	P51174
Acyp1	QLQGPVSKVRFMQQW	58	2.13	3.40	P56376
Ywhaq	QKTDTSKKLQLIKD	74	2.12	2.15	P68254
Hspd1	RKGVITVKGKTLND	202	2.11	1.89	P63038
Ranbp1	NAEKVAEKLEALSVR	182	2.09	3.91	P34022
Acox1	AKKSPLNKTEVHESY	643	2.09	2.17	Q9R0H0
Arl6ip1	PRIFGSNKWTTEQQQ	96	2.08	2.55	Q9JKW0
Rtn4	DGVMSPEKTM DIFNE	347	2.06	1.85	Q99P72
	LRGPTGQKLVRFGDE	105	2.06	1.96	Q8C3W1
Slc9a3r1	KETDEFFKKCKVIPS	235	1.97	1.91	P70441
Eea1	KNQNLTEKLQKKDLD	310	1.97	2.01	Q8BL66
Dnajc5	AILTDATKRNIYDKY	72	1.95	2.67	P60904
Ccdc58	LDDLTLKRLRKEQT	90	1.95	2.91	F8WJI3
Pdcd5	LALVKPEKTKAVENY	66	1.94	1.89	P56812
S100a13	RLIGELAKEVRKEKA	85	1.94	2.03	P97352
Fis1	AWCLVRSKYNEDIRR	39	1.91	2.78	G3X9U9
Prdx1	GYPAPNFKATAVMPD	16	1.90	2.98	P35700
Syne2	SDLFADIKKGVLLD	62	1.90	2.38	E9QP46
Fkbp1a	TGMLEDGKKFDSSRD	35	1.89	2.90	P26883
Stmn1	LSLEEIQKKLEAAEE	52	1.89	3.13	P54227
Tsr2	MTSQINQKKCKVTAT	118	1.89	2.48	Q8C8T8

Lasp1	CKMTLNMKNYKGYEK	42	1.87	1.89	Q61792
Pacsin1	KQIMGGFKETKEAED	127	1.87	2.82	Q61644
Chmp4b	KNMGYAAKAMKAAHD	114	1.87	2.35	Q9D8B3
Tmpo	MEESFSSKYVPKYAP	388	1.86	2.35	Q61029
Cox7a1	NRVAEKQKLFQADND	31	1.85	2.06	P56392
Capzb	SLTRQMEKDETVSDC	199	1.84	2.52	P47757
Tpd52	VTATNAYKKTSETLS	136	1.82	2.22	F8WHQ1
Cltb	RQSEQVEKNKINNRI	149	1.81	2.00	Q6IRU5
Eea1	EIKCRQEKEITKLNE	1138	1.80	2.14	Q8BL66
Cct6a	___MAAVKTLNPKAE	5	1.80	1.88	P80317
Nefm	WFKCRYAKLTEAAEQ	296	1.79	2.37	P08553
Vamp3	QFETSAAKLKRKYWW	83	1.78	2.65	P63024
Slc25a4	FAFKDKYKQIFLGGV	96	1.74	2.01	P48962
Ociad2	TRRGLSEKAGSQPSA	146	1.72	2.91	Q9D8W7
Prcc2c	HGLQSLGKVGISRRM	49	1.69	2.74	S4R294
Hpca	EDESTPEKRTEKIFR	147	1.66	2.12	P84075
Eef1a1	TVAVGVKAVDKKAA	439	1.65	2.11	P10126
Hrsp12	RKVISTTKAPAAIGP	13	1.63	2.50	P52760
Dao	CKLEPTLKNARIVGE	269	1.56	2.27	P18894
Map4	KPGGGDVKIESQKLN	1028	1.56	3.55	A0A0B4
Erh	ILLVQPTKRPEGRTY	12	1.55	2.12	P84089
Ccdc74a	RPQPSSFKKQELKSE	136	1.55	2.95	E9Q9U8
Dpysl2	SAKTSPAKQQAPPVR	525	1.55	3.18	O08553
Clip1	KPGSTALKTPAAAAA	24	1.54	2.35	D3Z3M7
Ranbp1	ERGTGDVLLKHKEK	76	1.50	2.75	P34022
Dbi	VEKVDELKKKYGI___	82	1.48	2.16	P31786
Ywhah	VISSIEQKTMAADGNE	69	1.48	1.92	P68510
Uchl1	KKQIEELKGQEVSPK	71	1.48	2.69	Q9R0P9
Asrgl1	RCIANPVKLARLVME	120	1.48	2.79	Q8C0M9
Scamp1	LAQAELLKRQEELER	89	1.48	2.02	Q8K021
Tcof1	VVHLLSGKSPKSAE	153	1.43	2.55	H3BIX0
Akt1s1	LNTSDFQKLKRKY___	252	1.43	2.10	Q9D1F4
Snca	AAATGFVKKDQMGKG	96	1.40	2.80	O55042
Bcap31	NEALAMQKQSEGLTK	213	1.40	2.14	Q61335
Fasn	KQEGVFAKEVRTGGL	673	1.39	2.23	P19096
Sumo2	KRHTPLSKLMKAYCE	42	1.38	2.72	H7BWX9
Rtn4	SETVTQHKHKERLSA	760	1.36	2.10	Q99P72
Wipi2	KLATASEKGTVIRVF	205	1.36	2.21	D3YWK1
Slc32a1	MATLLRSKLTNVATS	8	1.35	2.40	O35633
Ctnnd2	TQGGSPTKLQRGGSA	275	1.31	2.00	E9QKH8
Tpm1	EIQEIQLEAKHIAE	113	1.30	2.12	Q8BSH3
Fkbp1a	PFKFTLGKQEVIRGW	53	1.27	4.92	P26883
Anp32a	AEKCPNLKHLNLSGN	87	1.27	2.48	F6UFG6
haemaglobin	NIKAAWKGIGGHGAE	17	1.24	2.82	Q91VB8
Pfdn6	EKYQQLQKDLSKSMS	21	1.23	2.10	Q03958

Map4	DVKIESQKLNFEKA	1033	1.23	2.51	A0A0B4
Ywhaq	EKTELIQKAKLAEQA	9	1.17	2.82	P68254
Npm1	GGNKVPQKKVKLDED	154	1.17	2.57	Q5SQB0
Cox6b1	MAEDIKTIKINYKTA	8	1.10	2.14	P56391
Sh3bgrl	SSGSTAIKKKQQDVL	17	1.08	2.16	Q9JJU8
Gm10108	FSYTDANKNKGITWG	54	1.08	2.81	G3UWG1
Hbbt1	VAAALAHKYH_____	145	1.08	2.98	A8DUK4
Ywhag	VISSIEQKTSADGNE	69	1.07	2.70	P61982
Vamp1	KVLERDQKLSEDDR	61	1.06	2.78	Q62442
Vamp3	KVLERDQKLSEDDR	59	1.06	2.78	P63024
Got2	AEAQIAAKNLDKEYL	90	1.06	2.43	P05202
Tpd52l2	LSTLGELKQNLRSW	69	1.01	3.26	V9GWU5
Ensa	KSSLVTSKLAGGQVE	114	0.90	2.94	P60840
Hspa8	HQQKELEKVCNPIIT	601	0.70	3.78	P63017
Pacsin1	KCRQDVQKTQEKEYE	201	-0.90	2.56	Q61644
Pdhb	DVPMPIYAKVLEDNSV	336	-1.56	2.23	Q9D051
Nat6	TVLRAFSKPPCPQPP	242	-2.19	2.54	Q9R123
Lypla1	ALIDQEVKNGIPSNR	89	-2.22	2.08	D3Z269
Idh2	RFAQTLEKVCVQTVE	400	-2.26	3.37	P54071
Hadhb	RALAMGYKPKAYLRD	333	-2.29	2.57	Q99JY0
Pkm	GAIIVLTSGRSAHQ	433	-2.48	2.00	P52480
Snrpb	MTVGKSSKMLQHIDY	8	-2.86	1.78	P27048
Slc25a5	DCLVKIYKSDGIKGL	166	-2.97	3.52	P51881
Map6	WTDIKPVKPIAKAPQ	444	-3.08	1.75	Q7TSJ2
Cd9	KELQEFYKDTYQKLR	124	-3.23	3.00	P40240
Acly	YPFTGDHKQKFYWGH	528	-4.07	4.30	Q91V92
Pgam1	PAGHEEAKRGGQALR	39	-4.57	4.74	Q9DBJ1
Rad23a	FVVVMVTAKAGQGI	78	-4.75	2.60	Q3TN85
Ppip5k2	STYRHDLKIYASDEG	567	-4.78	1.68	Q6ZQB6
Mapt	GKVQIINKKLDLSNV	572	-5.89	1.85	A0A0A0
Hist1h2bk	KAVTKAQKKDGKKRK	24	5.86	1.48	Q8CGP1
Acot7	VHGGTILKMIEEAGA	79	5.55	1.55	Q91V12
haemaglobin	LSDLHAHKLRVDPVN	91	4.93	1.06	Q91VB8
Ywhag	SADGNEKKIEMVRAY	78	4.77	1.19	P61982
Abhd10	VAVEEFCKSLGHAFI	92	4.23	1.29	Q6PE15
Tmsb10	____MADKPDMGEIA	4	4.22	1.63	Q6ZWY8
Got1	WVLPVVRKVEQKIAN	56	4.12	1.45	P05201
Map2	GQVQIVTKKIDLSHV	1698	4.03	1.54	P20357
Acat1	LSSYTRSKEAWDAGK	220	3.89	1.47	Q8QZT1
Dbi	GLLDLKGKAKWDSWN	53	3.72	1.21	P31786
Sncb	GVASVAEKTKEQASH	57	3.64	0.92	Q91ZZ3
Sdha	SQLYGDLKHLKTFDR	547	3.57	0.85	Q8K2B3
Prpt2	APPRVLQKLVEEDRI	227	3.50	1.18	E9PUL5
Stmn1	SLEEIQKKLEAAEER	53	3.43	1.51	P54227
Alb	RVCLLHEKTPVSEHV	490	3.42	0.81	P07724

Vdac3	TEISWENKLAEGLKL	90	3.37	0.93	Q60931
Bcas1	SEGRDSGKEKAGPTS	244	3.33	1.34	Q80YN3
Pfdn6	_MAELIQKKLQGEVE	7	3.30	1.66	Q03958
Ttll4	RSNENTSKQSKRSTP	1089	3.29	1.31	D3YY08
Acot7	DAINFHDKIRKGCVI	284	3.24	1.49	Q91V12
Chmp4b	RAALQALKRKKRYEK	70	3.20	1.44	Q9D8B3
Hist1h2bp	__MPEPVKSVPAKK	6	3.17	0.93	Q8CGP2
Uqcrh	RDHCVAHKLFKNLK_	83	3.13	0.99	P99028
Syt1	VLLPDKKKKYETKV	190	3.07	1.51	P46096
Ociad2	IHRGEIAKIRECQE	41	3.04	0.56	Q9D8W7
Stmn1	SHEAEVLKQLAEKRE	70	3.03	1.21	P54227
Pgam1	GGLTGLNKAETAAKH	100	3.00	1.22	Q9DBJ1
Fam136a	EAVDAMVKSVVERENI	18	2.97	1.22	Q9CR98
Ube2l3	YHPNIDEKGQVCLPV	82	2.92	0.72	D3YZS3
Dlst	AVIDDATKEVVYRDY	308	2.90	0.69	Q9D2G2
Bcas1	NAMQTGDKTPKKSEK	336	2.87	1.59	Q80YN3
Got2	KQWLQEVKGMADRII	345	2.87	0.84	P05202
Carkd	IVPALTSKKHKGQDG	47	2.85	0.66	J3QN06
Mrps36	KFPNRRDKPKLSASE	30	2.81	1.08	Q9CQX8
Cep126	IANLATNKNVFQLKL	207	2.80	0.96	Q0VBV7
Cnbp	MSSNECFKCGRSGHW	8	2.78	1.43	D3YYF6
Tppp	AKKRFKDKSSEAVR	130	2.77	1.18	Q7TQD2
Hmgb2	KLKEYEKDIAAYRA	157	2.73	1.69	P30681
Sumo2	EKPKEGVKTENNHI	11	2.72	1.15	H7BWX9
Pi4ka	YISQESDKDAHLIPD	549	2.70	0.94	E9Q3L2
Tmsb10	GEIASFDKAKLKKTE	15	2.70	0.76	Q6ZWY8
Tnks1bp1	VGDTGLGKRDWSSKC	772	2.69	1.05	P58871
Tpm3-rs7	ELQEIQLEAKHIAE	113	2.67	0.97	D3Z2H9
Tpr	SLQERNQKLTATTQK	748	2.66	0.76	Q7M739
Map1b	LPTEVTEKPAVPVS	1350	2.65	1.18	P14873
S100a13	DVGSLEDEKMKTLVDN	59	2.64	1.27	P97352
Pbxip1	SHSVRQKHSWGKDN	555	2.63	0.76	Q3TVI8
Dld	EQKHSAVKALTGGIA	132	2.63	0.50	O08749
Dbi	RPGLLDLKGAKWDS	51	2.62	1.64	P31786
Dbi	GLLDLKGAKWDSWN	53	2.59	1.37	P31786
Plp1	ATVTGGQKGRGSRGQ	122	2.57	1.20	P60202
Nudt13	AIAHHLIKKWVETRS	339	2.57	1.46	Q8JZU0
Hmgn1	VSADGAAKAEPKRRS	13	2.56	0.93	P18608
Stip1	RTYEEGLKHEANNLQ	100	2.53	1.43	Q60864
Stip1	GCKTVDLKPDWGKGY	68	2.53	0.89	Q60864
Cmc4	KQACEIQKCLQANNY	16	2.51	1.13	Q61908
Ranbp1	LNAENAQKFCTKFE	150	2.50	1.60	P34022
Tpm4	LNSLEAVKRKIQALQ	11	2.45	1.32	Q6IRU2
Rtn3	TISFRVYKSVIQAVQ	829	2.45	1.03	Q9ES97
Mbp	PGLCHMYKDSHTRTT	100	2.44	1.49	F6RT34

Bcas1	SANLKSDKANFTPQE	208	2.43	1.16	Q80YN3
Prrt2	SSQVSEMKGVEDSSK	12	2.42	1.25	E9PUL5
Eea1	RQEKEITKLNEELKS	1142	2.42	1.69	Q8BL66
Cnp	MVSADAYKIIPGSRA	87	2.38	1.52	P16330
Got2	KRVESQLKILIRPLY	309	2.36	0.81	P05202
Cend1	PLTKPVKKDTQAEKQ	42	2.35	0.56	Q9JKC6
Cyb5b	DVHPSDLKPKGDDKD	101	2.34	1.21	Q9CQX2
Snap91	LQWNAGEKKLTGGAN	492	2.32	1.68	Q3TWS4
Prrc2c	AVLNDISKKLGPISP	1959	2.31	1.73	S4R294
Gcsh	MSEEAYEKYVKSIEE	163	2.31	0.74	Q91WK5
Nipsnap1	IYELRTYKLKPGTMI	191	2.30	0.81	O55125
Zdbf2	TNSDVAVKKINPPKE	879	2.29	1.44	Q5SS00
Hrsp12	KNLGEILKAAGCDFN	67	2.29	0.60	P52760
Cox6b1	AEGTFPGKI_____	85	2.28	1.07	P56391
Hspa9	ADECNKLKEEISKMR	612	2.28	1.34	P38647
Gpatch8	TGNLDGKKEDDPQD	359	2.27	0.49	A2A6A1
Eno1	AEVYHNLKNVIKEY	193	2.26	0.62	P17182
Vcl	RALIQCAKDIAKASD	952	2.26	1.54	Q64727
Sncb	AAATGLVKKEEFPTD	84	2.24	1.30	Q91ZZ3
Sod1	____MAMKAVCVLKG	4	2.24	1.68	P08228
Tcp1	HDALCVVKRVLELKS	400	2.24	0.56	P11983
Psma6	TQKKVPDKLLDSSTV	59	2.24	0.96	Q9QUM9
Marcks	SPSSETPKKKKKRFS	145	2.23	1.73	P26645
Vapb	PLDDTEVKKVMEECR	167	2.22	1.39	Q8BH80
Bcas1	QSLGGFLKGLGPKRM	353	2.22	1.44	Q80YN3
Atp5a1	LEPSKITKFENAFLS	506	2.22	0.74	Q03265
Pdha1	AASDYKRGDFIPG	244	2.21	0.89	P35486
Cbr3	TELLPIMKPHGRVVN	130	2.20	1.73	Q8K354
Stx12	GTKQDSSKLQENLQQ	58	2.20	1.67	Q9ER00
Pcp4l1	QASDPEEKGKPGSIK	21	2.20	1.72	Q6W8Q3
Atp6v1h	NAVRLNEKNYELLKI	368	2.19	1.23	A0A0A6
Got2	GAFTVVCKDAEEAKR	296	2.19	0.90	P05202
Ak3	ITKHFELKHLSSGDL	34	2.19	0.32	Q9WTP7
Vcp	YPVEHPDKFLKFGMT	502	2.18	1.06	Q01853
Bcap31	GAAEDGDKLDIGNTE	167	2.17	1.30	Q61335
Eno1	SEFYRSGKYDLDFKS	256	2.15	1.57	P17182
Hint1	GGDTIFGKIIRKEIP	21	2.15	1.65	P70349
Gcat	DMADLEAKLKEAQKH	184	2.15	0.88	E9PWY6
Stoml2	AINVAEGKKQAQILA	175	2.14	1.56	A2AG39
Paics	AVVVNIGKKLYEGKT	11	2.14	1.07	Q9DCL9
Rtn4	GHVNSTIKELRRFL	1074	2.14	1.18	Q99P72
Iars2	PQTSFPMKLLGRQQS	74	2.13	1.39	Q8BIJ6
Stmn1	AEKREHEKEVLQKAI	80	2.13	0.53	P54227
Ptprz1	LKFQGWEEKASLENTF	87	2.12	1.62	B9EKR1
39326	FMKRLHEKVNIPLI	186	2.11	0.83	E9Q1G8

Vamp3	IMRVNVDKVLERDQK	52	2.10	1.69	P63024
Fubp1	LQERAGVKMVMIQDG	213	2.10	1.17	A0A0G2
Stx1b	AIFTDDIKMDSQMTK	181	2.10	0.93	P61264
Bcl9l	SRIIPSEKPSSTLQY	1329	2.10	1.55	Q67FY2
Wipf2	HPAPPPVKPPSPVN	231	2.09	1.31	Q6PEV3
Rtn4	REEYADFKPFQAW	371	2.09	1.00	Q99P72
Rplp2	GNSSPSAKDIKKILD	21	2.09	1.35	P99027
Dync1i2	MSDKSDLKAELERKK	8	2.08	1.37	A2BFF8
Alb	TPKLDGVKEKALVSS	210	2.08	0.35	P07724
Pgrmc1	FKYHHVGKLLKEGEE	169	2.08	1.65	O55022
Bod1l	EQSSPSGKLKVSQAD	2845	2.08	1.58	E9Q6J5
Hist1h2bk	__MPEPAKSAPAPKK	6	2.08	0.29	Q8CGP1
Gap43	DAAPSEEKAGSAETE	125	2.07	1.07	P06837
Tmsb15b2	VETFDKAKLKKTNTE	17	2.06	1.64	A2AF31
Stx1b	AAPNPDEKTKQELED	69	2.05	1.49	P61264
Bcas1	PTTSANLKSDKANFT	205	2.05	1.73	Q80YN3
Hbbt1	VHLTDAEKAAVSGLW	9	2.05	0.57	A8DUK4
Snap25	KDMKEAEKNLTDLGK	76	2.04	0.96	P60879
Cox5a	RWVTYFNKPDIDAW	58	2.04	0.59	P12787
Sumo3	EKPKEGVKTENDHIN	11	2.03	0.97	G3UZ60
Nap1l5	KEFQALEKKYNDIYK	94	2.01	1.14	Q9JJF0
Basp1	AAAGPEAKSDAAPAA	159	2.01	0.96	Q91XV3
Bsg	SSEGELAKLVCKSDA	106	2.00	1.48	J3QP71
Mrpl12	TVRLTEAKPVDKVKL	141	2.00	0.81	Q9DB15
Atp6v0a1	RVLQAAAKNIRVWFI	288	1.99	1.09	K3W4T3
Cplx2	QALGGATKDMGKMLG	14	1.99	0.98	P84086
Stx1b	EIRGCIEKLSERVED	45	1.98	0.98	P61264
Dlst	RHKDAFLKKHNLKLG	273	1.98	1.63	Q9D2G2
Rtn4	NEIPTLTKKETISLQ	800	1.98	1.29	Q99P72
Atp6v1e1	TDLLNEAKQRLSKVV	99	1.96	1.48	P50518
Pdcd5	RLAELQAKHGDPGDA	20	1.96	0.87	P56812
Eno2	AEVYHTLKGVIKDKY	193	1.95	1.12	P17183
haemaglobin	GEDKSNIAAWGKIG	12	1.95	0.60	Q91VB8
Cox5b	LVPSISNKRIVGCIC	85	1.94	0.69	P19536
Prdx2	SQNYGVVLKNDEGIAY	119	1.93	1.72	Q61171
Mt3	CCPAGCEKCAKDCVC	44	1.93	0.80	P28184
Ndufs1	HSFCEVLKDAKKPMV	467	1.92	0.70	Q91VD9
Setdb2	LCQCGFNKCRKKLI_	691	1.92	0.50	B2RXP3
Crip2	KRVYFAEKVTSLGKD	138	1.91	1.78	Q9DCT8
Snca	GVTTVAEKTEQVTN	58	1.91	1.56	O55042
Crtc1	NPRKFSEKIALHNQK	13	1.91	1.48	Q68ED7
Gda	EESSQOEKLAKWCFC	53	1.91	1.66	Q9R111
Exog	RSVARLEKVLEALKS	327	1.90	0.34	Q8C163
Uqcrb	LPKDQWTKYEEDKFY	83	1.90	1.01	Q9CQB4
Map4	FKEKAQAKVGSLDNV	1043	1.90	1.38	A0A0B4

Tpm4	VIENRAMKDEEKMEI	100	1.90	1.08	Q6IRU2
	RKRRRLQDKLATTQKK	45	1.89	1.49	Q8BT35
Ptms	AAAELSAKDLKEKKD	15	1.88	0.46	Q9D0J8
Oxct1	CTLPLTGKQCVNRII	463	1.88	0.94	Q9D0K2
Pvalb	AADSFDHKKFFQMVG	28	1.88	0.81	P32848
Hbbt1	LSELHCDKLHVDPEN	96	1.88	1.51	A8DUK4
Taldo1	KLSDGIRKFAADAIK	314	1.88	1.07	Q93092
Nit1	GTLEPPVKTPAGKVG	188	1.87	0.89	D3YY53
Hmgb1	LSIGDVAKKLGEMWN	127	1.87	1.10	P63158
Ptms	ELSAKDLKEKKDKVE	18	1.86	0.67	Q9D0J8
Mbp	KSAHKGFKGAYDAQG	183	1.86	1.82	F6RT34
Tpm3-rs7	IAEEADRKYEEVARK	125	1.86	0.90	D3Z2H9
Apoa2	QAKAYFEKTHEQLTP	67	1.85	0.73	P09813
Shmt2	YSEGYPGKRYYGAE	103	1.85	1.13	Q9CZN7
Prdx2	DGAFKEIKLSDYRGK	29	1.83	1.34	Q61171
Slc4a4	ISENYSKSDVENAD	67	1.83	0.77	A7E1Z5
Sumo3	___MSEKPKKEGVKT	5	1.82	0.59	G3UZ60
Got2	CKDAEEAKRVESQLK	302	1.82	0.89	P05202
Rhot1	PLYCPEEKEMKPACI	192	1.82	0.96	Q8BG51
Reep5	IIRPIFLKHESQVDS	147	1.81	0.88	G3X8R0
Tppp	SGYVPGYKHAGTYDQ	205	1.81	1.51	Q7TQD2
Vcp	KSRVAILKANLRKSP	658	1.80	0.81	Q01853
Ndufab1	YDKIDPEKLSVNSHF	68	1.79	1.26	F6ZFT1
Tkt	YHKPDQQKLQALKDT	11	1.79	1.35	P40142
Hist2h2bb	APKKGSKKAVTKVQK	17	1.79	0.39	Q64525
Cnbp	GEFGHIQKDCTKVVC	130	1.78	1.06	D3YYF6
Prdx1	VMPDGQFKDISLSEY	27	1.78	0.88	P35700
Eea1	IEDVAVLKKELVQVQ	227	1.78	1.77	Q8BL66
Pcp4l1	_MSELNTKTPPAANQ	7	1.77	1.30	Q6W8Q3
Palm2	VLLQHSKSKVLREK	42	1.77	0.76	Q8BR92
Gnao1	EDGISAADVKLLLL	32	1.76	1.26	P18872
Psma3	VEKLVLKLYEEGSN	57	1.76	1.01	O70435
Rtn4	VIVRSKDKEDLVCSA	314	1.76	0.68	Q99P72
Chmp4b	EQELTAAKKHGTKNK	55	1.76	1.38	Q9D8B3
Pygm	VENVSELKKNFNRHL	29	1.76	1.46	E9PUM3
Idh3b	YDMQLRRKLDLFANV	134	1.75	0.71	Q91VA7
Cdv3	PSLQSTAKHVESRKY	226	1.74	0.71	A0A087
Atp5e	DALKTEFKANAETS	32	1.74	0.98	P56382
Fam136a	CTMHCNDKAKDSMDA	89	1.72	1.11	Q9CR98
Decr1	SKDAPQSKFFQPVLK	42	1.72	0.72	Q9CQ62
Pvalb	DLSAKETKTLLAAGD	84	1.72	1.01	P32848
Aldh5a1	QNKDDLAKIITAESG	128	1.72	0.87	Q8BWF0
Snrpg	MDKKLSLKLNGGRHV	20	1.71	0.99	P62309
Gsr	VGIQTDEKGHILVDE	332	1.71	0.77	P47791
Cfdp1	LPAGSGIKRASGMSS	215	1.70	1.02	O88271

Impa1	IVLSNMEKLCSEPIH	181	1.70	0.78	Q924B0
Camk2b	TGHEYAAKIINTKKL	43	1.70	1.19	Q5SVI3
Acadl	VSREVWEKAGKQGLL	92	1.70	1.23	P51174
Tpm1	SLEAQAEKYSQKEDK	177	1.70	1.26	Q8BSH3
Chmp5	KTTVDAMKLGVKEMK	110	1.69	0.47	Q9D7S9
Gap43	AETESAATTDNSP	136	1.69	1.21	P06837
Txn	____MVKLIESKEA	3	1.69	0.55	P10639
Gm14403	LQEGVTFKEKGPYRR	241	1.68	0.89	Q4V784
Map2	TSKTPQDKKDLQGME	208	1.68	1.45	P20357
Vdac3	NKLAEGLKLTDTIF	96	1.68	0.53	Q60931
Dctn2	AKQLAALKQQLVASH	146	1.68	1.11	Q99KJ8
Eea1	QRQLSSEKLMEKEQQ	447	1.67	0.99	Q8BL66
Atp1b1	KEEGSWKKFIWNSEK	14	1.67	1.03	P14094
Rtn1	HINTVVAKIQAKIPG	767	1.67	1.43	Q8K0T0
Nebi	EKVNCLDKYWHKGCF	23	1.67	0.85	Q9DC07
Immt	NSEIAGEKKSAQWRT	190	1.66	1.65	E9Q800
Stxbp1	GTDAEGEKIKDPMRA	382	1.66	1.48	O08599
Atpif1	KEIERLQKQIERHKK	58	1.66	0.65	E9PV44
Gprin1	ASLPASEKTDPLASS	474	1.66	1.54	Q3UNH4
Calm1	GDGTITTKELGTVMR	31	1.65	1.24	P62204
Arl6ip1	MAKREINKLLKQKEK	193	1.65	1.35	Q9JKW0
Ywhaz	DKNELVQKAKLAEQA	9	1.65	0.51	P63101
Gpm6a	KDACRMQKYEDIKSK	250	1.65	0.51	P35802
Sncg	GVVGAVEKTKQGVTE	21	1.65	0.69	Q9Z0F7
Negr1	VSISTLNKRDSLQI	92	1.64	1.06	D3Z4T6
Vapa	PDELMDSKLRCVFEM	125	1.64	1.22	Q9WV55
Hist2h2bb	GSKKAVTKVQKKDGK	21	1.64	0.38	Q64525
Pvalb	ADSFDHKKFFQMVGL	29	1.64	1.54	P32848
Tdrp	WSLRSAGKLVSIRRQ	162	1.63	0.78	Q8C5P7
Cplx1	QALGGATKDMGKMLG	14	1.63	0.95	P63040
Ppp1r11	PQPPDPSKPPPGPMQ	112	1.62	0.56	G3UZ30
Fabp5	DGNNTVKTESTVKT	55	1.62	0.65	Q05816
Eif5a	IVEMSTSKTGKHGHA	47	1.62	0.30	A0A0A0
Pin1	RCSHLLVKHSQSRRP	65	1.62	1.71	Q9QUR7
Hspd1	KDDAMLLKGKGDKAH	359	1.62	0.74	P63038
Eci1	ATADNLIKQREADIQ	255	1.62	1.11	P42125
Ccdc124	NMRLSQLKQLLKKEW	191	1.62	1.77	Q9D8X2
Dnajc5	DNPEAADKFKEINNA	56	1.61	0.68	P60904
Sncg	SVTSVAEKTKEQANA	58	1.61	1.82	Q9Z0F7
Fubp1	IQQESGCKIQIAPDS	128	1.61	0.94	A0A0G2
Fasn	DRHPQALKDVQTKLQ	1276	1.61	0.91	P19096
Dlst	TINELGEKARKNELA	354	1.60	0.62	Q9D2G2
Gmpr	MSSDTAMKKHAGGVA	276	1.60	1.87	Q9DCZ1
Cltc	EKWLKEDKLECSEEL	456	1.60	0.49	Q68FD5
Stmn1	FSKMAEEKLTHKMEA	100	1.59	1.23	P54227

Atp6v1b2	PSLSRLMKSAIGEGM	403	1.59	1.75	P62814
Pnpla8	EDKQLQDKPDLEERK	231	1.59	1.42	E9QAC9
Eno2	YLGKGVLKAVDHINS	64	1.59	1.09	P17183
Psma5	SLQEVYHKSMTLKEA	187	1.59	1.30	Q9Z2U1
Ywhaz	VVSSIEQKTEGAEEK	68	1.59	1.28	P63101
Taldo1	KLLGELLKDNSKLAP	265	1.59	0.58	Q93092
Ppat	FTEDNLKKLYDSNLG	81	1.58	1.14	Q8CIH9
Ahnak	SMPDLHLKGPKVKGD	1328	1.57	0.89	E9Q616
Me3	KVLDYAYKHNLASY	558	1.57	0.26	Q8BMF3
Ap2m1	VSGRVVMKSYLSGMP	201	1.57	1.60	Q3TWV4
Tmem109	SGSHLEAKVRGLERQ	215	1.57	0.38	Q3UBX0
Tspan7	FVFRHEIKDTFLRTY	117	1.56	1.17	Q3UHG5
Vat1l	AGFGGLNKLRLSRKA	53	1.56	1.04	Q80TB8
Decr1	IIQPGPIKTKGAFSR	244	1.56	1.06	Q9CQ62
Stmn1	HEKEVLQKAIEENNN	85	1.55	0.95	P54227
Uqcrc2	SADVQAAKNKLKAGY	375	1.55	1.89	Q9DB77
Vdac1	DQLARGKLKTFDSSF	109	1.55	1.03	Q60932
Txnrd2	PTAIKAGKLLAQRLF	376	1.54	0.62	J3QMN4
Ywhaq	VISSIEQKTDTSDDK	68	1.54	1.50	P68254
Timm22	PTAKEVLKDMGQQRGM	63	1.54	1.51	B0QZS8
Chchd3	ERSSEFYKVTTEEYQ	157	1.54	1.51	Q9D9P1
Tcof1	GKSKLPEKQQLAPGY	928	1.54	1.00	H3BIX0
Tpm1	DELVSQKKLKGTEDE	48	1.54	0.81	Q8BSH3
Stip1	QVNELKEKGNKALSA	10	1.53	1.80	Q60864
Got2	IAAKNLDKEYLPIGG	94	1.53	0.68	P05202
Dpysl4	IARRTAQKIMAPPGG	557	1.53	1.35	Q3TMU8
Fam177a1	VELGVMGKKKKVPRR	44	1.53	0.73	Q8BR63
Dbi	AKWDSWNKLKGTSE	61	1.53	0.24	P31786
Hrsp12	_MSSIIRKVISTTKA	7	1.53	0.33	P52760
Reep5	SQVDSVVKDVKDAK	157	1.53	1.69	G3X8R0
Amph	KLYEVMTKLGDQHAD	233	1.52	1.33	Q7TQF7
Vamp1	QFESSAAKLKRYWW	85	1.52	1.38	Q62442
Camk2a	HKLYQQIKAGAYDFP	226	1.52	0.44	P11798
Ddx10	KDVLGAAKTGSGKTL	114	1.52	1.11	Q80Y44
Gng2	SENPFREKKFFCAIL	64	1.51	1.09	P63213
Map4	EPPPSPEKKAKPLAT	670	1.51	1.19	A0A0B4
Gapdh	VMGVNHEKYDNSLKI	137	1.51	0.80	P16858
Atp6v1e1	KQDFPLVKAADVQKAI	145	1.51	0.79	P50518
Stx1b	EDLTADIKKTANKVR	82	1.50	1.69	P61264
Nolc1	VSTPAPGKKAEAKSS	509	1.50	0.37	E9Q5C9
Gap43	AEAEAKEKDDAPVAD	69	1.50	0.60	P06837
Tpm1	VIESRAQKDEEKMEI	100	1.50	0.35	Q8BSH3
Map4	LDQVPQQKKAIRRAL	290	1.49	1.35	E9PZ43
Basp1	APKAEPEKSEGAAEE	91	1.49	0.62	Q91XV3
Aldh7a1	DYEETIGKAKKAWNI	94	1.48	0.59	Q9DBF1

Pebp1	DPDAPSRKDPKFREW	77	1.47	0.69	P70296
Aco2	LTGKDGGKFKLEAPD	521	1.47	0.33	Q99KI0
Mccc2	VAAVACAKVPKITVI	433	1.47	0.55	Q3ULD5
Pygo1	DKEPIALKRVRGGDS	13	1.47	0.76	Q9D0P5
Acat1	AIQGAIEKAGIPKEE	75	1.47	0.56	Q8QZT1
Atat1	ELGKASAKAQHLPAP	13	1.46	0.84	B8JJ72
Ntm	SAEFQWFKDDKRLVE	257	1.46	0.62	D3Z396
Naca	AQLAAAEKFKVQGEA	142	1.45	0.33	Q60817
Aldoa	YLEGTLLKPNMVTPG	230	1.45	0.80	P05064
Ywhaz	QKTEGAEEKQQMARE	74	1.45	1.48	P63101
Hrsp12	AVQGPFKA_____	134	1.45	1.17	P52760
Eea1	AQELAAEKGLSALQ	1011	1.44	0.88	Q8BL66
Atox1	TLLATLNKTGKAVSY	57	1.44	1.50	O08997
Lasp1	EKVNCLDKYWHKACF	23	1.43	0.87	Q61792
Dpy30	NEKINAEKSSKQKVD	40	1.43	0.38	Q99LT0
Basp1	PEEGEAKKTEAPAAA	147	1.43	1.04	Q91XV3
Vti1b	ASSEHFEKLHEIFRG	13	1.42	0.95	Q91XH6
Mcee	PITGFLQKNKAGGMH	116	1.42	1.58	Q9D115
Atat1	AIDRPSPKLLKFLNK	119	1.42	0.60	B8JJ72
Ncoa1	KYSQTS HKLVQLTT	636	1.42	1.30	P70365
Map2	ESKEEDKAEQAKVT	770	1.42	1.11	P20357
Dbi	EKVDELKKKYGI____	83	1.42	0.41	P31786
Ina	AEEWYKSKFANLNEQ	290	1.42	1.36	P46660
Cisd1	NVGPLIIKKKET_____	104	1.41	0.96	Q91WS0
	VTSSSAKTTCLASS	39	1.41	1.18	Q80WR5
Smap	FRTGEEDKKINEELE	74	1.40	0.76	Q9R0P4
Psmb1	KCYKLTDKTVIGCSG	76	1.40	1.54	O09061
Rpl21	AVGIIVNKQVKGKIL	78	1.40	1.07	Q9CQM8
Gpi	TRNPQFQKLEWHRA	12	1.39	0.63	P06745
Dbi	TSKESAMKTYVEKVD	72	1.39	1.82	P31786
Hk1	VEGADVVKLLNKAIK	186	1.39	0.67	G3UVV4
Cald1	ERAEF LNKS VQKSGV	393	1.39	1.05	Q8VCQ8
Prdx1	DISLSEYKGKYVFFF	35	1.39	1.27	P35700
Cox17	CCACPETKKARDACI	30	1.38	1.16	P56394
Scp2	NLQLQPGKAKL_____	544	1.38	1.79	P32020
Pafah1b2	PLRQKNAKVNQLLKV	155	1.38	1.43	Q61206
Atp6v1c1	TQIDNDLKS RASAYN	137	1.38	1.73	Q9Z1G3
Psma7	EYAQEAVKKGSTAVG	27	1.37	0.52	Q9Z2U0
Ptma	EDDDVDTKKQKTEED	103	1.36	0.95	P26350
Serbp1	TQPPVALKKEGIRRV	102	1.36	1.56	Q9CY58
Mapt	HGAIEVYKSPVVSGD	687	1.35	1.16	A0A0A0
Dlst	QEMRARHKDAFLKKH	268	1.35	1.04	Q9D2G2
Maml1	QQIAAKQKREQMLQN	329	1.35	0.53	F6UY95
Add1	EKILIQKNLGPKSK	288	1.34	1.05	F8WHZ9
Ank2	PMHSELVKKILGNKA	1203	1.34	1.06	S4R1F9

Mapt	NKKIETHKLTFRENA	667	1.34	0.60	A0A0A0
Ap2m1	KPSLLAQKIEVRIPT	317	1.34	0.60	Q3TWV4
	VTIAIHAKPGSRQNA	43	1.33	0.75	Q9CRC3
Map6	KPSVQSSKPKKTSTS	512	1.33	1.20	Q7TSJ2
Mapt	FKDRVQSKIGSLDNI	645	1.33	1.57	A0A0A0
Hist1h1c	AAAPPAEKAPAKKKA	17	1.33	0.53	P15864
Uqcrb	LHETEDVKEAIRRLP	45	1.32	1.18	Q9CQB4
Txn2	VDKFGVGIKDEQLEA	116	1.32	0.71	G3UZY2
Mapt	YKPVDLSKVTSKCGS	609	1.32	1.17	A0A0A0
Aldh7a1	RVRQASLKDYEETIG	86	1.32	0.70	Q9DBF1
Hspe1	RDSILGKYVD_____	99	1.32	0.30	Q64433
Gda	LAKEWCFKPCEIREL	61	1.31	1.00	Q9R111
Atp6v1e1	LSDADVQKQIKHMMMA	10	1.31	0.34	P50518
Hist1h2bk	LLPGELAKHAVSEGT	109	1.31	0.30	Q8CGP1
	EGPTVETKKIQPQLP	36	1.31	0.90	Q8K039
Dbi	MSQAEFDKAAEEVKR	8	1.30	1.05	P31786
Stip1	KKCQQAELKEQER	344	1.30	0.78	Q60864
Sat2	RELAFEKLSHQVKI	29	1.30	1.09	Q6P8J2
Alb	TALAEVLKHKPKATA	558	1.30	0.39	P07724
Nipsnap1	KIQFHNVKPECLDAY	80	1.30	0.61	O55125
Kalrn	QNTVESDKDGNLVPR	993	1.30	1.38	D3Z559
Pgp	FITNNSSKTRTAYAE	72	1.29	0.80	Q8CHP8
Aspa	TKLTLSAKSIRSTLH	305	1.29	0.73	Q8R3P0
Hadha	VDLYGAQKVVDRLRK	728	1.29	0.60	Q8BMS1
Hadhb	LLSGTSYKDLMPHDL	73	1.29	1.56	Q99JY0
Hnrnpd	SPDTPEEKIREYFGG	107	1.29	0.85	F6ZV59
Khsrp	DFGFGGQKRQLEDGD	110	1.28	0.38	Q3U0V1
Atp5f1	QEKETIAKCIEDLKL	238	1.28	0.37	Q9CQQ7
Aqp4	ETEDLILKPGVVHVI	295	1.28	1.09	P55088
Cdk5	LREICLLKELKHKNI	56	1.28	0.81	A0A0G2
Hsp90aa1	QLKEFEGKTLVSVTK	540	1.28	1.08	P07901
Serbp1	TNSNAAGKQLRKESQ	68	1.28	1.12	Q9CY58
Rexo2	GNSVHADKKFLDKHM	148	1.27	0.86	Q9D8S4
Maml3	TLEQRAKKSGAGSGK	123	1.27	1.25	D4QGC2
Clta	QEAEWKEKAIKELEE	136	1.27	0.43	O08585
Hspe1	SAAETVTKGGIMLPE	28	1.27	1.38	Q64433
Gng13	FKREMSSKTIPELLK	29	1.27	1.60	Q9JMF3
Phb2	MLGEALSKNPGYIKL	244	1.27	0.63	O35129
Gap43	RKKLKGEKKGDAPAA	55	1.27	0.85	P06837
Tsc22d1	DSTSEPFKKGRWTCT	343	1.26	1.10	D3Z0V7
Ckmt1	LRAGVHIKPLLSKD	332	1.25	0.36	P30275
Gap43	DAPSEKKKGEGDAAP	114	1.25	0.45	P06837
Vdac1	NVNAGGHKLGLGLEF	287	1.25	0.36	Q60932
Ndufs6	KVYINLDKETKTGTC	97	1.25	1.65	P52503
Ppp1r2	IVEEELSKKSQKWDE	43	1.25	0.53	D3Z3A0

Khdrbs3	GHALEEIKKFLIPDY	152	1.24	1.31	Q9R226
Stx1a	EIRGFIDKIAENVEE	46	1.24	1.65	D6RFB9
Hk1	VAAIETDKEGVQNAK	345	1.24	0.82	G3UVV4
Rad23b	LSDDTALKEYKIDEK	60	1.24	0.93	P54728
Cltc	VRGQAGGKLHIIIEVG	227	1.24	0.43	Q68FD5
Tspan2	EAYS DYLKDRARGNG	18	1.24	0.78	A0A0G2
Ociad1	KKEVKVNKYGDTWDE	240	1.23	0.65	Q9CRD0
Hprt1	CVISETGKAKYKA__	213	1.23	1.70	P00493
Ywhab	DKSELVQKAKLAEQA	11	1.23	1.06	Q9CQV8
Vdac1	GYGFGLIKLDLKTKS	41	1.22	0.36	Q60932
Rtn3	EGISSGGKLGKQTFAP	707	1.22	1.65	Q9ES97
Pacsin1	QERAKIEKAYAQQLT	51	1.22	1.08	Q61644
Mdh2	HGVYNPNKIFGVTTL	165	1.21	0.72	P08249
Atox1	ATLNKTGKAVSYLGP	60	1.21	0.32	O08997
Map1b	VSGYTYEKTERRRL	1972	1.20	1.74	P14873
Atp5j	PKFEVIDKPOS_____	105	1.20	0.52	P97450
Eea1	ELAAEKGLSALQSN	1013	1.20	1.09	Q8BL66
Atp5h	EKKYNALKIPVPEDK	78	1.20	0.57	Q9DCX2
Psat1	ELNMISLKGHRVGG	333	1.19	1.08	Q99K85
Stx1b	EDVEQVKKQHSAILA	55	1.18	1.12	P61264
Pbxip1	RQKHSWKGDNPSDAL	560	1.18	0.49	Q3TVI8
Alb	TDLTKNKECCHGDL	267	1.18	0.42	P07724
Tmem230	ATGLPSSKVYSRLA	16	1.18	1.86	Q8CIB6
Uchl1	QFLSETEKLSPEDRA	123	1.18	0.45	Q9R0P9
Psma4	KEVEQLIKKHEEEEA	238	1.18	1.25	Q9R1P0
Csrp1	KDGEIYCKGCYAKNF	168	1.17	0.70	P97315
Map2	AQAPGAFKQAKDKVT	1526	1.17	0.78	P20357
Ina	GEAVISTKKTGKSAT	484	1.17	1.39	P46660
Snca	GVVAAAETKQGVAE	21	1.17	0.92	O55042
Sncb	GVVAAAETKQGVTE	21	1.17	0.92	Q91ZZ3
Txn	FSGANKEKLEASITE	96	1.17	0.43	P10639
Snca	GVLYVGSKTKEGVVH	43	1.17	1.84	O55042
Atp5h	KAIGNALKSWNETFH	32	1.16	1.12	Q9DCX2
Slc6a11	TLPEKLQKLTVPAD	581	1.16	1.67	P31650
Map2	KDEFTAEEKASPPTS	935	1.16	0.69	P20357
Map2	VPGGGNVKIDSQKLN	1757	1.16	0.67	P20357
Mcee	VAVPDLEKASSFYRD	62	1.16	0.69	Q9D115
Hspe1	VSVKVGDKVLLPEYG	70	1.16	0.72	Q64433
Fam162a	RHGVPLHKPTDFEKK	63	1.16	0.84	Q9D6U8
Pdha1	SDPIMLLKDRMVNSN	321	1.15	0.29	P35486
Cisd1	MVNLQIQKDNPKVVH	51	1.15	0.53	Q91WS0
Akap5	ESQAKEGKLSQAEET	347	1.14	1.27	D3YVF0
Rtn3	PKNPTIKNTRIDSI	746	1.14	0.58	Q9ES97
Npm1	KMQASIEKGGSLPKV	227	1.14	1.23	Q55QB0
Got2	CKDAEEAKRVESQLK	302	1.14	0.82	P05202

Sncb	MKGLSMAKEGVVAAA	12	1.14	0.83	Q91ZZ3
Dpysl2	SVKTISAKTHNSALE	423	1.14	0.40	O08553
Eif4b	PEENPASKFSSASKY	586	1.14	0.65	Q8BGD9
Aldh1l1	NWIRGNDKVPGAWTE	229	1.14	0.93	Q8ROY6
Nipsnap3b	TYFLKPSKTNEFLEN	48	1.13	0.22	B1AWZ5
Oat	AMKSQVDKLTLSRA	107	1.13	1.13	P29758
Gap43	GDAPSEEKKGEGDAA	113	1.12	0.40	P06837
Myh10	QELEGAVKSKFKATI	1809	1.12	1.73	Q61879
Usmg5	QFQFTGIKKYFNSYT	16	1.11	0.51	Q78IK2
Prdx3	ELSLDDFKGKYLVL	92	1.11	0.83	P20108
Nefl	AEDATNEKQALQGER	157	1.11	0.40	P08551
Kmt2d	LVESANEKAEREALL	3071	1.11	0.96	A0A0A0
Psm7	TRYIASLKQRYTQSN	115	1.11	0.70	Q9Z2U0
Uchl1	DRAKCFEKNEAIQAA	135	1.11	0.83	Q9R0P9
Map1a	QGLAEKDKALEQRGA	1432	1.11	0.65	Q9QYR6
Pgam5	DPPVSHWKPEAVYYE	68	1.11	0.68	F6YJC6
Hibch	VRAVLIDKDQTPKWK	352	1.11	0.38	Q8QZS1
Tpm3-rs7	EIKILTDKLKEAETR	195	1.10	1.69	D3Z2H9
Stx1a	AENVEEVKRKHSAIL	55	1.10	0.73	D6RFB9
Prdx1	GLFIIDDKGILRQIT	136	1.10	1.02	P35700
Acsc2	TAIRMLMKFGDDPVT	223	1.10	0.91	F7CU63
Dbi	AMKTYVEKVDELKKK	77	1.10	1.36	P31786
Tmsb4x	KKTETQEKNPLPSKE	32	1.10	0.95	P20065
Ppp1r11	EEEGCSHKHCVRGHR	82	1.10	0.44	G3UZ30
Tpm1	EDELYAQKLKYKAIS	264	1.10	1.66	Q8BSH3
H2afv	KAGKDSGKAKAKAVS	12	1.09	0.51	Q3THW5
Pygo1	ADLCTPDKSRKFSLL	319	1.09	0.51	Q9D0P5
Prdx2	AVVDGAFKEIKLSDY	26	1.09	1.21	Q61171
Gng7	IERIKVSKASSDLMG	30	1.09	0.80	Q61016
Nucks1	ASKKSKEKTPSPKEE	200	1.09	0.60	A0A087
Ccdc12	EEGEEVGKHRGLRLR	53	1.09	0.89	Q8R344
Echdc1	KVLSGTLKLSKEAL	232	1.09	0.74	Q9D9V3
Tcof1	GKTKTANKTVNSVSH	132	1.08	0.72	H3BIX0
Arpp19	RYPHLGQKPGGSDFL	42	1.08	0.37	P56212
Me3	VSLRIAVKVLDYAYK	551	1.08	0.54	Q8BMF3
Ube2n	IYHPNVDKLGRICLD	82	1.08	1.96	P61089
Ddt	LEAWQIGKKGTVMFT	110	1.08	1.02	O35215
Cd47	GKTVIELKNRTVSWF	128	1.07	1.57	Q61735
Pvalb	VLSAEDIKKAIGAF	13	1.07	0.88	P32848
Eea1	ITNLKDAKQLLIQKQ	1165	1.07	0.40	Q8BL66
Btf3l4	MNQEKLAKLQAQVRI	8	1.07	0.96	Q9CQH7
Napg	___MAAQKINEGLEH	5	1.07	0.63	Q9CWZ7
Npm1	GGNKVPQKKVKLDED	154	1.06	1.06	Q5SQB0
Atp5f1	IDKLNEEKIAQLEEV	131	1.06	0.60	Q9CQQ7
Carkd	RGILESTKARDIPVV	152	1.06	1.60	J3QN06

Eea1	LTAKFQEKQEHCQL	700	1.06	0.76	Q8BL66
Manf	DLSTVDLKKLRVKEL	116	1.06	0.72	Q80ZP8
Tppp	KPAKAANKTPPKSPG	14	1.05	0.68	Q7TQD2
Maml1	QLQQIAAKQKREQML	327	1.05	0.47	F6UY95
Bcl9	PEPISAQKTPAKVVY	171	1.05	0.66	Q9D219
Gmpr2	NDVKLDFKDVLLRPK	13	1.05	0.73	Q99L27
Mtap	SDALILGKIKNVDCV	49	1.05	0.75	Q9CQ65
Pkm	EMLKEMIKSGMNVAR	66	1.05	1.27	P52480
Atp5b	EGLVRGQKVLD SGAP	124	1.05	0.20	P56480
Atp1a2	LCNRAVFKAGQENIS	432	1.05	0.64	Q6PIE5
Ccdc58	PTASFAGKIDASQTC	36	1.05	0.67	F8WJI3
Slc1a2	EDNLGIDKRVTRFVL	382	1.04	0.54	P43006
Asrgl1	QLALDYMKSCLKGLG	273	1.04	0.45	Q8C0M9
Shmt2	TAKLQDFKSFLKDP	469	1.04	0.94	Q9CZN7
Rtcb	GISKKAIKLRPIAVI	496	1.04	0.58	Q99LF4
Acot1	RSVLRDEKGALFRAH	42	1.04	0.62	O55137
Prrt2	KGVEDSSKTQTEGPR	19	1.04	0.85	E9PUL5
Sumo2	DGSVVQFKIKRHTPL	33	1.03	1.80	H7BWX9
Eea1	NTLKQKEKDEQQQLQG	952	1.03	0.67	Q8BL66
Ak1	GKGTQCEKIVQKYGY	27	1.03	0.75	Q9R0Y5
Got2	TQLVSNLKKEGSSHN	363	1.03	0.58	P05202
Fubp1	KTGLIIGKGETIKS	389	1.03	1.08	A0A0G2
Eef1g	GLLDTHLKRTRFLVG	147	1.02	0.49	Q9D8N0
D10Jhu81e	HEQEEGGKWPYAGTA	201	1.02	0.54	Q9D172
Palm2	HMLCKEAKLEMVQKS	239	1.02	0.39	Q8BR92
Dbnl	VTSSQPGKLRSPFLQ	288	1.02	1.09	Q62418
Slc25a5	VAPIERVKLLQVQH	33	1.02	0.36	P51881
Camk4	DSTDLLGKKMQEEDQ	370	1.02	1.20	Q8BGR3
Pvalb	FFQMVGLKKKNPDEV	37	1.02	1.18	P32848
Nucks1	RDSGPPAKKIRSSPR	35	1.02	0.71	A0A087
Alb	CSYDEHAKLVQEVD	65	1.02	1.11	P07724
Vdac3	IFVPNTGKKSGKLKA	109	1.01	0.34	Q60931
Khsrp	GAPESVQAKMMLDD	204	1.01	1.76	Q3U0V1
Rad23b	QKLIYAGKILSDDTA	51	1.01	0.41	P54728
Atp6v1b2	SQPRLYKTVSGVNG	48	1.01	0.59	P62814
Ywhaz	NELVQKAKLAEQAER	11	1.01	0.47	P63101
Crat	RMAHYLEKALLDMRT	588	1.00	0.64	H7BX88
Med12l	RLSVNGEKLKREKP	694	1.00	0.69	H7BX07
Ca2	LEALHSIKTKGKRAA	167	1.00	0.67	P00920
Prdx6	FGPDKKLKLSILYPA	120	1.00	0.54	D3Z0Y2
Abhd10	LAECTVGKWRKDVLS	120	1.00	0.44	Q6PE15
Ckb	SNSHNTQKLRFAED	11	1.00	0.54	Q04447
Dync1li1	SPIPAGSKKIDPNMK	428	1.00	1.23	Q8R1Q8
Dpp6	KILSYDEKRNKIYFL	490	0.99	0.43	E9PWX1
Atp6v1g1	QQLLQAEKRAAEKVS	16	0.99	0.99	Q9CR51

Pdcd5	DAAQQEAKQREAEMR	33	0.99	1.26	P56812
Atp6v1g2	QQLLQAEKRAAEKVA	16	0.99	1.76	Q9WTT4
Ctnn	PIEAVTSKTSNIRAN	346	0.99	2.11	Q60598
Crmp1	DGNISVSKGMGRFIP	463	0.99	0.62	P97427
Ccbl2	VSAFCDSKSKPHFEK	420	0.99	0.36	Q71RI9
Mdh2	KKGEDFVKNMK____	335	0.99	0.58	P08249
Cnp	RLDCAQLKEKNQWQL	161	0.99	1.15	P16330
Fxyd6	TNAAEPQKAEN____	91	0.99	0.33	Q9D164
Pclo	AKVPGPTKTPAQLSG	373	0.98	1.16	Q9QYX7
Ghitm	PSMEKIFKIDQMGRW	77	0.98	0.40	Q91VC9
Nedd8	GKQMNDEKTAADYKI	54	0.98	0.52	P29595
Col3a1	SPMTVPRKHWWTDSG	178	0.98	0.34	A0A087
Ensa	KEGILPEKAEAEAKLK	31	0.98	0.71	P60840
Ndufs6	TGQVYDEKDYRRVRF	41	0.98	0.35	P52503
Cox7a2	NKVPEKQKLFQEDNG	33	0.97	2.09	P48771
Prdx6	TLSEEEAKQCFCPGV	175	0.97	0.42	D3Z0Y2
Fh	KIASAIMKAADEVAE	119	0.97	0.29	P97807
Maml3	KSGAGSGKQQHPSKT	130	0.97	0.61	D4QGC2
Stx1b	QHSTLSRKFEVVMTE	125	0.96	0.46	P61264
Cplx2	EEKEAEKAALEQPC	83	0.96	0.91	P84086
Park7	YSESRVEKDGLILTS	148	0.96	0.54	A2A813
Tceal5	__MEKFYKENEGKPE	6	0.96	0.43	Q8CCT4
Ctnna1	ASYVASTKYQKSQGM	842	0.96	0.82	P26231
Prdx1	_MSSGNAKIGYPAPN	7	0.96	1.21	P35700
Npm1	SAPGGGNKVPQKKVK	150	0.96	2.12	Q5SQB0
Atp5j2	SLVPLKEKKLMEVKL	10	0.96	0.46	P56135
Eny2	MRAAINQKLIETGER	19	0.96	1.73	Q9JIX0
38961	AKSDAISKSELAKFK	191	0.95	1.09	Q9R1T4
Myt1l	SGCPLADKSIRSMLA	889	0.95	1.13	E9QLD2
Scg2	RALEYIEKLRQQAHR	64	0.95	1.90	Q03517
Psma3	AAKTEIEKLQMKEMT	179	0.95	0.88	O70435
haemaglobin	MVLSGEDKSNIKAAW	8	0.95	0.12	Q91VB8
Rtn1	PVGQVADKPKTKTRS	383	0.95	0.54	Q8K0T0
Tppp	DVDIVFSKIKGKSCR	101	0.95	0.84	Q7TQD2
A830010M20Rik	SAPQTAACKRGSSNG	308	0.94	0.92	G3X9V7
Pkm	ISLQVKEKGADFLVT	188	0.94	0.91	P52480
Oxct1	HRLIKGEKYEKRIER	274	0.94	0.70	Q9D0K2
Ndufab1	YVLKLYDKIDPEKLS	63	0.94	0.19	F6ZFT1
Camk2n1	GQSKRPPKLGQIGRS	46	0.94	0.51	Q6QWF9
Prdx3	AVVNGEFKELSLDDF	84	0.94	0.50	P20108
Snca	__MDVFMKGLSKAKE	6	0.94	0.89	O55042
Mapt	GSVQIVYKPVDSLKV	603	0.94	1.56	A0A0A0
Idh2	FREPICKNIPRLVP	155	0.94	0.28	P54071
Chchd6	SAVKEDLKKFQQEQL	126	0.93	0.66	Q91VN4

Basp1	GYNVNDEKAKDKDKK	18	0.93	0.62	Q91XV3
Rtn4	KAQIITEKTSPKTSN	487	0.93	0.69	Q99P72
Vapa	RKVAHSDKPGSTSAV	211	0.93	0.34	Q9WV55
Tmsb10	KETIEQEKRSEIS__	39	0.93	0.74	Q6ZWY8
Stmn1	REAQMAAKLERLREK	119	0.92	0.66	P54227
Cox5a	VRILEVVKDKAGPHK	109	0.92	1.21	P12787
Prdx2	GLFIIDAKGVLRQIT	135	0.92	0.98	Q61171
Gng2	IDRIKVSAAAADLMA	32	0.92	1.07	P63213
Atp5a1	GKGPIGSKTRRRVGL	167	0.92	0.59	Q03265
Psma2	GVVLATEKKQKSILY	50	0.92	0.73	P49722
Hspd1	IPALDSLKPANEDQK	455	0.92	0.45	P63038
Ppp2ca	QLSESQVKSLEKAK	29	0.92	0.77	P63330
Paccin1	KAYHLACKEERLAMT	162	0.91	0.82	Q61644
Nap1l5	KKYNDIYKPLAKIQ	101	0.91	0.53	Q9JF0
Mrpl12	EIKANVAKAEAEKIK	181	0.91	0.53	Q9DB15
Tppp3	DVDIVFSKVKAKSAR	61	0.91	0.33	Q9CRB6
Crym	RTRENAEKFASTVQG	175	0.91	1.48	O54983
Gpm6a	MQKYEDIKSKEEQEL	255	0.91	0.71	P35802
Sdha	VDEYDYSKPIQGQKQ	608	0.91	0.44	Q8K2B3
Protein	DDAPQNAKKARLLPE	142	0.90	0.82	Q9CWU4
Gpi	ALSTNTAKVKEFGID	252	0.90	0.41	P06745
Inpp5a	KVVLQLEKKLFDYFN	283	0.90	0.57	Q7TNC9
Sod2	GELLEAIKRDFGSFE	122	0.90	1.01	P09671
Pura	RKYMDLKENQRGRF	159	0.90	0.57	P42669
Tppp	PVISGVTAKVSSPTV	155	0.90	1.07	Q7TQD2
Protein	LASTESDKPTTGRVY	78	0.89	0.70	Q8BH50
Add1	SDSIAYDKGEKLLRC	140	0.89	0.81	F8WHZ9
Cfdp1	LKQTEREKPAALVTS	196	0.89	0.45	O88271
Pgm1	MVKIVTVKTQAYPDQ	8	0.89	0.89	Q9D0F9
Decr1	TAEISSKTGNKVHA	106	0.89	0.65	Q9CQ62
Map2	DLSHVTSCGSLKNI	1708	0.89	1.22	P20357
Ywhag	TSADGNEKKIEMVRA	77	0.89	0.61	P61982
Rtn3	LGERQAEKVQDEGIS	696	0.88	1.79	Q9ES97
Idh3a	SNVTAVHKANIMRMS	200	0.88	0.48	Q9D6R2
Stoml2	ILASEAEKAEQINQA	187	0.88	0.49	A2AG39
Hmgn2	RSARLSAKPAPPKPE	31	0.88	0.47	P09602
Alb	DICTLPEKEKQIKKQ	543	0.88	0.80	P07724
Dld	GGIAHLFKQNKVVHV	143	0.88	0.52	O08749
Sncb	GVTEAAEKTKEGVLY	32	0.88	0.57	Q91ZZ3
Sncg	GVTEAAEKTKEGVMY	32	0.88	0.57	Q9Z0F7
Tceal5	SKPDSQAKSASEARA	88	0.87	1.13	Q8CCT4
Ndufv3	KEKAKVQKPPTDVTY	214	0.87	0.55	Q3U422
Psma2	LATEKKQKSILYDER	53	0.87	0.82	P49722
Tcp1	VNSVNILKAHGRSQI	199	0.87	1.17	P11983
Sod1	RTMVVHEKQDDLKGG	123	0.87	0.48	P08228

Rhob	DYLECSAKTKEGVRE	162	0.87	0.42	P62746
Aco2	CIGQWDRKDIKKGEK	458	0.87	0.32	Q99KI0
Mapt	QVEVKSEKLDKDRV	635	0.87	1.18	A0A0A0
Mdh1	YPDVNHAKVKLQGKE	199	0.87	0.54	P14152
Ldhb	LTSVINQKLKDDEVA	308	0.87	0.27	P16125
H2afv	MAGGKAGKDSGKAKA	8	0.87	0.41	Q3THW5
Smndc1	GTCGIADKPMQYQD	219	0.86	0.56	Q8BGT7
Gpi	KSPEDLEKLLPHKVF	461	0.86	0.76	P06745
Mapt	KSEKLDKDRVQSKI	639	0.86	0.40	A0A0A0
Ctnn	YVKGFGGKFGVQTDR	235	0.86	0.95	Q60598
Wipf3	GPQAILQKKRRGPGT	370	0.86	1.23	D3Z5R4
Ppp1r11	KCCCIYEKPRAFGE	60	0.86	0.53	G3UZ30
Baspl	VKESTEEKPKDAADG	58	0.86	0.52	Q91XV3
Mapt	PVPMPDLKNVRSKIG	546	0.85	1.75	A0A0A0
Ndufb3	LPDYRQWKIEGTPLE	29	0.85	1.00	Q9CQZ6
Slc25a4	VAPIERVKLLQVQH	33	0.85	0.34	P48962
Sod2	NLNATEEKYHEALAK	68	0.85	0.64	P09671
Fam195b	PIDLSDLKRRNTQDA	87	0.85	0.46	Q3UGS4
Psmb4	LLREVLEKQPVLSQT	201	0.85	1.06	P99026
Gapdh	DDIKKVVKQASEGPL	261	0.85	0.56	P16858
Map2	YFETSALKEDMTRST	577	0.85	1.33	P20357
Pip4k2b	YDRRFVIKTVSSEDV	150	0.84	0.47	Q80XI4
Dpp6	RLGFLEEKDQMEAVR	680	0.84	0.49	E9PWX1
Dld	GFGKITGKNQVTATK	159	0.84	0.21	O08749
Mocs1	LVQQNQLKKGDALVV	528	0.84	0.67	Q5RKZ7
Got2	GAFTVVCKDAEEAKR	296	0.84	0.65	P05202
Pkm	NLAMDVGKARGFFKK	498	0.84	0.38	P52480
Khsrp	AGVRIQFKQDDGTGP	360	0.84	0.63	Q3U0V1
Atp1a3	ASESALLKCIELSSG	448	0.84	0.36	Q6PIC6
Hrsp12	EEAKQALKNLGEILK	60	0.84	0.98	P52760
Sdha	TLSYVDIKTGKVTLE	633	0.84	0.55	Q8K2B3
Cdkn1b	RPPKSACKVLAQESQ	100	0.83	0.68	P46414
Nedd8	QRLIYSGKQMNDEKT	48	0.83	0.37	P29595
Nfia	TSSTSSTKRLKSVED	107	0.83	2.07	F7CDR2
Stxbp1	KRMNTGEKTTMRDLS	321	0.83	1.22	O08599
39326	KVKEKVQKLKDEAE	371	0.83	0.34	E9Q1G8
Psm2	VVLATEKKQKSILYD	51	0.83	0.43	P49722
H2afv	KAGKDSGKAKAKAVS	12	0.83	0.77	Q3THW5
Psm5	KSSLILKQVMEEKL	203	0.82	0.85	Q9Z2U1
Mif	AQNRNYSKLLCGLLS	78	0.82	1.19	P34884
Mecp2	LVSTLGEKSGKGLKT	331	0.82	0.60	Q9Z2D6
Gldc	GLLGSSFKRTSPFLT	519	0.82	0.36	Q91W43
Ldhb	_MATLKEKLIASVAD	7	0.82	1.99	P16125
Zfp438	QKAGCARKEAPTTPA	240	0.82	1.00	Q8BFX2
Alb	ILVRYTQKAPQVSTP	438	0.82	1.02	P07724

Acsf2	IVFPKQFKTQQYYDI	182	0.82	0.33	Q8VCW8
Cmc4	PQKDPCQKQACEIQK	9	0.82	0.67	Q61908
Vdac1	SFSPNTGKKNAKIKT	122	0.81	0.68	Q60932
Wars	IFLTDTAKQIKSKVN	370	0.81	1.10	P32921
Aqp4	RLKEAFSKAAQQTKG	268	0.81	0.46	P55088
Rufy3	QSSDLGVKQKSELNS	420	0.81	0.87	Q9D394
Atp5b	ESGVINLKDATSKVA	259	0.81	0.70	P56480
Sap30bp	SAVGTIVKKAKQ___	304	0.81	1.20	Q02614
Alb	KLQTCCDKPLLKKAH	305	0.80	1.23	P07724
Cend1	KKDTQAEKQEQAAAP	48	0.80	0.35	Q9JKC6
Decr1	KFFQPVLPMLPPDA	49	0.80	0.26	Q9CQ62
Bcas1	KTSNSVEKTPSPPEP	268	0.80	0.89	F7BNZ5
Khsrp	KAGLVIGKGGETIKQ	252	0.80	0.93	Q3U0V1
Pacs2	KDKEVESKSCIEGI	801	0.80	0.84	Q3V3Q7
Hist1h1a	AASTATEKPAAAKKT	17	0.80	0.32	P43275
Tbca	DGENYAIKKQAEILQ	51	0.80	0.77	P48428
Apoa1	NKDLEEVKQKVQPYL	117	0.80	0.46	Q00623
Hmgn3	TEGKDGTCLKQEPT	17	0.79	0.51	Q9DCB1
Eea1	QKTVLENKLQQSSQ	995	0.79	0.53	Q8BL66
Gnb1	WDSYTTNKVHAIPLR	89	0.79	0.76	P62874
Idh3b	FANVVHVKSLPGYKT	145	0.79	0.52	Q91VA7
Npm1	PSSVEDIKAKMQASI	218	0.79	0.86	Q5SQB0
Tpm3-rs7	TIDDLEDKCLKCTKEE	223	0.78	1.12	D3Z2H9
Hist1h2bm	___MPEPTKSAPAPKK	6	0.78	0.13	P10854
Timm10	CLDRCVSKYLDIHER	57	0.78	1.18	P62073
Aldoa	PALTPEQKKELSDIA	13	0.78	0.33	P05064
Alb	NQATISSKLQTCCDK	298	0.78	0.76	P07724
Ldhb	DSAYEVIKLGYNW	244	0.78	0.51	P16125
Map4	LATTQPAKTSTSKAK	682	0.77	0.79	A0A0B4
Ndufs2	IIEQCLNKMPPGEIK	324	0.77	0.45	D3YXT0
Pafah1b2	AKVNQLLKVSLPKLA	161	0.77	0.66	Q61206
Glud1	RISGASEKDIVHSGL	503	0.77	0.62	P26443
Etfb	VLAKLAEKEKVDLLF	114	0.76	0.39	Q9DCW4
Pdha1	EIQEVRSKSDPIMLL	313	0.76	0.20	P35486
Cadm1	GQNNSEKKEYFI___	451	0.76	0.37	Q8R5M8
Akap5	MGTPELEKETKVITE	225	0.76	1.15	D3YVF0
Alb	CCDKPLLKKAHCLSE	309	0.76	0.50	P07724
Gnao1	KERKTDKSMVCDVVS	105	0.76	0.52	P18872
Calm1	EAFSLFDKDGDTIT	22	0.75	0.18	P62204
Ahcy	VAEAHLGKLNVKLTK	401	0.75	0.51	P50247
Fahd1	SAFVPKEKIPDPHAL	142	0.75	0.56	Q8R0F8
Ociad2	LLTCEDCKTRRGLSE	138	0.75	0.47	Q9D8W7
Txnrd2	TRTLNLEKAGISTNP	329	0.75	0.63	J3QMN4
Phf5a	_____MAKHHPDLIF	3	0.75	0.28	P83870
Aldoa	AKWRCVLKIGEHTPS	153	0.75	0.20	P05064

Psma6	ESTSFLEKKVKKKFD	181	0.75	0.92	Q9QUM9
Atp1b1	TQIPQIQKTEISFRP	85	0.74	1.19	P14094
Cltc	FTDLYDIKRAVVHTH	637	0.74	0.33	Q68FD5
Tpd52	ISSLQEFKQNIAGW	119	0.74	0.76	F8WHQ1
Abat	EVEDLIVKYRKKKRT	279	0.74	0.47	P61922
Alb	EEPKNLVKTNCDLYE	413	0.73	1.12	P07724
Mdh2	LGKKGLEKNLGIGKI	301	0.73	1.58	P08249
Pja2	RHAYVSFKPCMRHE	46	0.73	0.46	Q80U04
Eno1	IAKAASEKSCNCLLL	335	0.73	1.18	P17182
Cplx1	GPLQDMFKK_____	133	0.73	1.76	P63040
Pdap1	EDDDYQQKRKGVEGL	73	0.73	0.79	Q3UHX2
Lasp1	QDQISNIKYHEEFEK	121	0.73	0.71	Q61792
Dguok	GRLQAEKSVRVFER	135	0.73	0.25	Q504N4
Ncam1	SIKVNLIKQDDGGSP	624	0.73	0.78	P13595
Tf	AFRCLVEKGDVAFVK	547	0.73	0.45	Q92111
Ahnak	KISSPSGKIGACRIS	569	0.73	0.39	E9Q616
Fubp1	PESVQSAKRLLDQIV	156	0.73	1.71	A0A0G2
	EDEVLTSGDAWAKY	143	0.73	0.77	Q9D735
Stip1	KKQALKEKELGNDAY	229	0.73	0.33	Q60864
Atp1b2	ATDDERDKFAGRVAF	276	0.73	0.79	P14231
Uqcrc1	QLDLAQKHLSSVSR	248	0.73	0.18	Q9CZ13
Chchd6	QQGRIQEKNALYKL	203	0.73	0.68	Q91VN4
Sdha	ESCRPGDKVPSIKAN	480	0.73	0.64	Q8K2B3
Atp5h	GLVDDFEKKYNALKI	72	0.72	0.95	Q9DCX2
Pura	KFGHTFCKYSEEMKK	272	0.72	0.95	P42669
Map2	TSKCGSLKNIRHRPG	1713	0.72	0.12	P20357
Mccc2	VANDATVKGGTYYPV	141	0.72	0.27	Q3ULD5
Stx7	RISSNIQKITQCSVE	24	0.72	1.47	Q8BH40
Top2b	EYAFSSGKSKATPEK	1414	0.72	0.19	Q64511
Taldo1	KFAADAIKLERMLTE	321	0.72	0.37	Q93092
Slc25a5	AGAEREFKGLGDCLV	155	0.72	0.36	P51881
Map2	NQPLPDLKNVSKIG	1672	0.72	1.25	P20357
H2afv	___MAGGKAGKDSGK	5	0.71	0.37	Q3THW5
Atp5f1	QDAIDMEKAQQALVQ	154	0.70	0.74	Q9CQQ7
Tcea1	TDLFTCGKCKKKNCT	265	0.70	0.92	P10711
Nolc1	SVPQHAGKAAAKASE	123	0.70	0.37	E9Q5C9
Map2	TKDTSPEKTEKGLSS	1016	0.69	0.22	P20357
Dld	FKFKLNTKVTGATKK	277	0.69	1.10	O08749
Mapk10	MLVIDPAKRISVDDA	346	0.69	0.21	Q3TQZ7
Map4	GNVQIQNKKVDISKV	1001	0.69	0.50	A0A0B4
Sgol1	QDTLEDIKNRMKEKR	19	0.69	0.28	Q9CXH7
Atp1a2	KYQVDLSKGLTNQRA	59	0.69	0.35	Q6PIE5
Sncg	QEENEEAKSGED___	119	0.69	1.26	Q9Z0F7
D10Jhu81e	STFAVDGKDCKVNKE	149	0.68	0.35	Q9D172
Vdac2	VSGTLETKYKWCEYG	61	0.68	0.27	G3UX26

Zranb2	GDWICPDKKCGNVNF	18	0.68	0.34	D3Z4U0
Maml3	GSFSPTSKRIRKDLG	189	0.68	0.62	D4QGC2
Hspa4	RSIGAAKSQVISNA	53	0.68	0.77	Q61316
Sars2	IRSLEAEKEAVAEAV	110	0.68	0.34	Q9JIL8
Hibadh	QDSATSTKTPILLGS	296	0.68	0.30	Q99L13
Tceal5	_____MEKFYKENEG	3	0.68	0.74	Q8CCT4
Psmb2	KCLEELQKRFILNLP	169	0.68	0.51	Q9R1P3
Prdx5	VEQAGALKAKGAQVV	112	0.68	0.57	P99029
Cct4	AYILNLVKQIKKTGC	258	0.68	0.48	G5E839
Ppp1r14a	LGKRVLSKLQSPSRA	13	0.68	0.65	Q91VC7
Pagr1b	DKVLSDMKRHHKLEE	63	0.68	0.39	F6V0H0
Atp5h	ETKLDKKKYPYWPHQ	149	0.68	0.26	Q9DCX2
Psat1	KGDEALEKRFLDKAV	318	0.67	1.00	Q99K85
Cnp	ADFSEAYKRLDEDLA	101	0.67	0.21	P16330
Tmsb10	GEIASFDKAKLKKTE	15	0.67	0.16	Q6ZWY8
Got1	SIHEAVTKIQ_____	411	0.67	0.66	P05201
Gm9791	ASQGPVYKGVCKCFC	65	0.67	0.48	A0A0A6
Hmgn3	SPENTEGKDGTCLTK	13	0.67	0.32	Q9DCB1
Atp5j	KELDPVQKLFVDKIR	41	0.66	0.93	P97450
39326	TVQVEQSKVLIKEGG	97	0.66	0.44	E9Q1G8
Cnp	TKFCDYGKAAGAEY	260	0.66	0.23	P16330
Txn	MPTFQFYKKGQKVGE	81	0.66	0.43	P10639
Map2	NVKIDSQKLNFREHA	1762	0.65	1.84	P20357
Hmgb1	DDKQPYEKKAACKLKE	146	0.65	0.29	P63158
Zranb2	AGGTEIGKTLAEKSR	54	0.65	0.90	D3Z4U0
Fau	NVVPTFGKKKGPNAN	51	0.65	0.67	P62862
Gap43	RRTKQVEKNDEDQKI	13	0.65	0.33	P06837
Vdac3	SFDTAKSKLSQNNFA	163	0.65	0.55	Q60931
Lsamp	TGRQASLKCEASAVP	238	0.65	0.27	Q3TYE5
Tuba1b	NAAIATIKTKRTIQF	336	0.65	0.95	P05213
Aco2	QALAHGLCKKSQFTI	409	0.64	0.28	Q99KI0
Zranb2	CNMCNTPKYAKLEER	92	0.64	0.33	D3Z4U0
Mapt	KHQPGGGKVQIINKK	566	0.64	0.25	A0A0A0
Sdha	ESVMNLDKLRFADGS	498	0.63	0.41	Q8K2B3
Cend1	PQATAEAKATPAADG	25	0.63	0.41	Q9JKC6
Tceal5	SEARAAEKRPAEDYV	98	0.63	0.44	Q8CCT4
Dnajc5	SYRKLALKYHPDKNP	41	0.63	0.11	P60904
Calm1	EAFRVFDKDGNGYIS	95	0.63	0.27	P62204
Hist1h2bb	APKKGSKKAISKAQK	17	0.63	0.27	Q64475
Hist1h2bb	GSKKAISKAQKKDGK	21	0.63	0.27	Q64475
Hist1h2bb	KAISKAQKKDGKKRK	24	0.63	0.27	Q64475
Ncam1	QTKENESKA_____	1114	0.63	0.55	P13595
Dlst	KTGAAPAKAKPAETP	153	0.63	0.37	Q9D2G2
Ppia	RALSTGEKGFYKGS	44	0.63	0.75	P17742
Atp5h	KIPVPEDKYTALVDQ	85	0.63	0.38	Q9DCX2

Alb	TCCAADKDTCFSTE	588	0.62	0.33	P07724
Sncb	_MDVFMKGLSMAKE	6	0.62	0.83	Q91ZZ3
Hist1h2bm	KSAPAPKKGSKKAVT		0.59	0.25	Q9JJ89
Hist2h2bb	KSAPAPKKGSKKAVT	13	0.59	0.25	P40142
Ndufa4	SVNVDYSLKKEGPD	74	0.59	0.19	E9Q3Q6
Eno1	SCNCLLLKVNQIGSV	343	0.59	0.17	Q99P72
Atp6v1b2	GTSGIDAKKTSCEFT	108	0.58	0.69	P47791
Psme3	EIRLLIEKCNTVKMW	132	0.58	1.25	A0A0B4
Cox4i1	SSLSRDEKVQLYRIQ	78	0.58	0.60	Q63810
Arpp19	SGDYNMAKAKMKNKQ	74	0.58	0.91	P30275
Negr1	APTIQEIKSGTVTPG	225	0.58	0.24	Q99L13
Anp32a	DLEVLAEKCPNLKHL	82	0.58	0.39	Q60771
MIlt4	QGQDVSDKVKASRKL	1788	0.58	0.22	Q8C1B7
Epb4.1l1	EYECEVEKHGRGQVL	115	0.57	0.22	P99028
Pacsin1	RWRQLIEKGPQYGSL	70	0.57	1.68	Q8R164
Prcc2a	GKSLEIQKPAVAPRH	35	0.57	1.36	Q8BH69
Got2	GENNEVLKSGRFVTV	122	0.57	0.32	P16330
Khsrp	GKGGETIKQLQERAG	258	0.57	0.50	P06837
Khsrp	RARQIAAKIGGDAAT	88	0.57	0.63	O88532
Capzb	LVEDMENKIRSTLNE	223	0.57	0.51	P52503
Rtn4	PRTPELVKDGSRAYI	435	0.57	0.29	G3UX26
Decr1	SRNIDVLKATAEEIS	97	0.56	0.43	Q9R1P4
Qdpr	AKSKSLFKNCDMMWK	116	0.56	0.34	F8VPR5
Ivd	ELVFEDCKVPAANVL	260	0.56	0.14	Q8CGP1
Rexo2	IIDVSTVKELCRRWY	173	0.56	0.35	P10854
Tmsb15l	VETFDKSKLKKTNTE	17	0.56	0.30	Q64525
Zc3h4	NTPGQSEKPSDPRVR	1019	0.56	0.49	Q62425
Gdap1	LLDHDNVKYLKILD	203	0.56	0.32	P17182
Tpm1	RAQKDEEKMEIQEIQ	104	0.55	0.20	P62814
Auh	NLLKMLSKAVDALKS	88	0.55	0.23	P61290
Gnao1	EYGDKERKTDKSMVC	101	0.55	0.13	P19783
Hspa8	LRDAKLDKSIHQDIV	328	0.55	0.47	P56212
Gap43	KIEQDGVKPEDKAHK	26	0.55	0.35	D3Z4T6
Gpm6a	IVTIGEEKKICTASE	189	0.55	1.16	F6UFG6
Map6	SLYSEPFKECPKVEK	498	0.55	0.27	E9Q852
Sumo2	___MADEKPKEGVKT	5	0.54	0.31	A2AUK7
Gng12	SENPFKDKKTCIIL_	66	0.54	0.26	Q61644
Ahcyl2	YQLSKAGKLCVPAMN	270	0.54	0.24	Q7TSC1
Gng5	SSSVAAMKKVVQQLR	11	0.54	0.18	P05202
Ep400	VRLKTPTKPPCQ___	3068	0.54	0.20	Q3U0V1
Sfpq	GIVEFASKPAARKAF	413	0.54	0.57	Q3U0V1
Cox4i1	_MLSASQKALKEKEK	7	0.54	0.42	P47757
Dpp6	ECFRVQDKLPTATAK	846	0.54	0.40	Q99P72
Cltb	TPGTEWEKVAQLCDF	194	0.54	0.23	Q9CQ62
Hmgn1	RSARLSAKPAPAKVD	26	0.53	0.14	D3Z099

Stip1	RIGNSYFKEEKYKDA	312	0.53	0.93	Q9JHI5
Cnp	EKYHDGTMVSADAY	79	0.53	0.68	Q9D8S4
Snrpb	RIFIGTFKAFDKHMN	32	0.53	0.53	Q8C0W0
Atp5h	EYEKQLEKMRNIIPF	121	0.53	0.12	E9Q8K8
Acox1	QTARFLMKIYDQVQS	437	0.53	0.83	O88741
Acad12	RLGDDQLKVAKMELK	535	0.53	0.61	Q8BSH3
Tcof1	ATAALPSKVKEKGKT	120	0.53	0.20	Q9JLZ3
Nolc1	PKKQVVAKAPVKVAA	260	0.52	0.40	P18872
Fus	RGGFGPGKMDSRGEH	501	0.52	0.46	P63017
Rrbp1	DLGRAAIKLQELLKT	1423	0.52	0.85	P06837
Uba52	__MQIFVKTLTGKTI	6	0.52	0.78	P35802
Me3	KAECTAEKCYRVTEG	454	0.52	0.40	Q7TSJ2
Iars2	RLYCENEKDPKRRSC	812	0.52	0.39	H7BWX9
Alb	NLGRVGTKCCTLPED	460	0.52	0.53	Q9DAS9
Camk2b	SVVRRCVKLCTGHEY	33	0.52	0.46	H3BKT5
Glud1	YTDNELEKITRRFTM	200	0.51	0.46	Q80SZ7
Ndufa7	SAMAATEKKAVTPAP	92	0.51	0.37	Q8CHI8
Basp1	SEQSVAVKE_____	225	0.51	0.10	Q8VIJ6
Atp5c1	MIVGVGEKIKGILYR	112	0.51	0.17	M0QWX 7
Basp1	ESTEEKPKDAADGEA	60	0.50	0.26	E9PWX1
Atp1a3	IISAHGCKVDNSSLT	202	0.50	0.31	Q6IRU5
Hdhd2	RFVTNTTKESKKDLL	50	0.50	0.29	P18608
Mapt	NATRIPAKTTPSPKT	466	0.50	0.32	Q60864
Cadm1	FRDFRPLKDSRFQLL	96	0.50	0.34	P16330
Ndufa4	NVDYSKLKKEGPDF_	76	0.50	0.15	P27048
Tpm1	AELEELKTVTNNLK	162	0.50	0.21	Q9DCX2
Cfl1	ANCYEEVKDRCTLAE	144	0.50	0.32	Q9R0H0
Cast	SEKPSESKTKFQDVP	144	0.50	0.66	D3Z7X0
Med6	STKGPPEKRMRLQ__	241	0.49	0.17	H3BIX0
Nucb1	TDGHFREKLQAANAE	70	0.49	0.30	E9Q5C9
Oat	ILRKELMKLPSDVVT	362	0.49	0.34	Q8CFQ9
Dld	ATKKSDGKIDVSVEA	288	0.49	0.24	A2AVJ7
Camk2a	ENLLASKLKGAAVK	146	0.49	0.17	E9Q9J0
Idi1	KSYCYVSKEEVREIL	176	0.49	0.60	Q8BMF3
Eea1	AQGELSEKAEAAQKL	370	0.49	0.24	Q8BIJ6
Gapdh	PASTGAAKAVGKVIP	213	0.48	0.36	P07724
Rtn3	QTKSIVEKIQAKLPG	950	0.48	1.02	Q5SVI3
Acsf2	LIRAIINKMNMKELV	398	0.48	0.24	P26443
Ccdc90b	SRIRADNKLDINLER	167	0.48	0.36	Q9Z1P6
Cltb	RSVLMSLKQTPLSR_	223	0.48	0.12	Q91XV3
Aldh9a1	ERVLGFVKLAKEQGA	344	0.48	0.19	A2AKV1
Bcl9l	PTCNLGSKGVGAGSH	73	0.47	0.19	Q91XV3
Dpp10	AAVKYLLKQPYIDSK	629	0.47	0.13	Q6PIC6
Dld	VHVNGFGKITGKNQV	155	0.47	0.55	Q3UGR5

Nucks1	EAESPPEKKSGDEGS	217	0.47	0.76	A0A0A0
Aldh6a1	QLIKENLKEIARLIT	117	0.47	0.19	Q8R5M8
Gm10108	ADLIAYLKATNE__	100	0.47	0.47	Q62425
Dpp6	GSGFQGTLLQEVRR	665	0.47	0.66	Q8BSH3
Stx12	VQRKVSEKEKESIAR	127	0.47	0.40	P18760
Basp1	AEEKEADKAAAAKEE	76	0.46	0.17	Q8CE80
Hsd17b10	GLGLATAKRLVGQGA	28	0.45	0.14	Q921D4
Hint1	_MADEIAKAQVAQPG	7	0.45	0.26	Q02819
Tma7	PLATGGIKKSGKK__	59	0.45	0.14	P29758
Ndufa7	SIIMSSQKALVSGKA	74	0.45	0.32	O08749
Bend6	IRRMIGQKLNNCTKK	259	0.45	0.25	P11798
Ubap2l	QTSSIPQKPQTNKSA	1091	0.45	0.19	P58044
Letmd1	QLDRALAKLGIGQLT	292	0.44	0.18	Q8BL66
Tmsb10	IASFDKAKLKKTTETQ	17	0.44	0.08	P16858
Atpif1	EDRYFREKTKEQLAA	30	0.44	0.15	Q9ES97
Alb	PVSEHVTKCCSGSLV	499	0.44	0.35	Q8VCW8
Sarnp	VPVSLESKKAARAAR	119	0.44	0.89	Q8C3X2
Acat1	NCAENTAKKMNISRQ	199	0.44	0.50	Q6IRU5
Pkm	NGGSLGSKKGVNLPG	206	0.44	0.27	Q9JLJ2
Serpina1b	LNKELISKILLNRRR	292	0.44	0.27	Q67FY2
Gap43	KDAVDEAKPKESARQ	206	0.44	0.07	D3Z5I7
Slc9a3r1	GDQNEAEKSHLRELR	139	0.43	0.14	O08749
Arpc5l	RNSPINTKNQAVKER	69	0.43	0.71	A0A087
Cox7a2	NGMPVHLKGGASDAL	46	0.43	0.52	Q9EQ20
Aldh5a1	QGPLINEKAVEKVEK	375	0.43	0.33	G3UWG1
Gpm6b	AYLKDASKMQAYQDI	298	0.43	0.54	E9PWX1
Rps20	____MAFKDTGKTPV	4	0.43	0.17	Q9ER00
Taldo1	AQTSDSEKIHLDEKA	286	0.43	0.29	Q91XV3
Psip1	GRKRKAQKQVDTEEA	155	0.43	0.16	Q99N15
Fscn1	SGPSGTLKAGKATKV	80	0.43	0.90	P70349
Wdr5	_MATEEKKPETEAAR	7	0.42	0.70	Q8K003
Cplx1	_MEFVMKQALGGAT	6	0.42	0.45	Q9Z1P6
Hsp90aa1	NNLGTIAKSGTKAFM	112	0.42	0.15	Q6PFX2
Ckb	TQIETLFKSKNYEFM	265	0.42	0.32	Q80X50
Alb	KLDGVKEKALVSSVR	212	0.42	0.18	Q924L1
Impa1	LVTVTDQKVEKMLMS	49	0.42	0.57	Q6ZWY8
Usp5	FSRDQALKALRATNN	720	0.42	0.45	E9PV44
Psip1	DDQEGEKKRKGGRNF	285	0.42	0.18	P07724
Sdha	ELRLNMQKSMQNHAA	517	0.42	0.55	Q9D1J3
Rab1	ATAGGAEKSNVKIQS	184	0.42	0.37	Q8QZT1
Syp	AKGLSDVKMATDPEN	169	0.41	0.16	P52480
Atp5d	AARANLEKAQSELSG	136	0.41	0.41	P22599
Maml3	GKQQHPSKTQQDAEA	136	0.41	0.42	P06837
Bcl7a	LEGVPPSKMKLEAS	196	0.41	0.38	P70441
Hspe1	EIEPVSVKVGDKVLL	66	0.40	0.69	A3KGQ6

Tpm3	SELEELKNVTNNLK	162	0.40	0.33	P48771
Atp5j	MDTFPTFKFDDPKFE	94	0.40	0.32	Q8BWF0
Tkt	LKMFGIDKDAIVQAV	609	0.40	0.24	A2AEG6
Lxn	MLKIQTVKQVQRNDD	167	0.40	0.93	P60867
Rtn4	SVKDAMAKIQAKIPG	1149	0.40	0.43	Q93092
Cth	FVDCSKTKLLEAAIT	140	0.40	0.64	A2BI12
Pclo	VQPATASKSPVPSQQ	616	0.40	0.65	A0A0G2
Dpysl2	VTPASSAKTSPAKQQ	520	0.40	0.91	P61965
Hist1h1c	GVSLAALKKSAAAG	63	0.39	0.48	P63040
Scp2	ATWVVDVKNGKGSVL	479	0.39	0.65	P07901
Sfr1	HSFCSVVKRMKVEND	149	0.39	0.23	Q04447
Acox1	IREIGTHKPLPGITV	216	0.39	0.23	P07724
Wbp11	ATATISAKPQITNPK	565	0.39	0.58	Q924B0
Uba52	SDTIENVKAKIQDKE	27	0.39	0.74	Q3U4W8
Tkt	HQVDIYQKRCEAFGW	204	0.38	0.44	A2BI12
Cita	RSVLISLKQAPLVH_	210	0.38	0.46	Q8K2B3
Atp2b2	GASEIVLKKCKKILS	588	0.38	0.64	Q5SW88
Pabpc4	VFIKNLDSIDNKAL	108	0.38	0.30	Q62277
Rab1	GAEKSNVKIQSTPVK	188	0.38	0.34	Q9D3D9
Sdha	ERYAPVAKDLASRDV	335	0.38	1.05	D4QGC2
Maob	TIRNKNVKYVDLGG	52	0.38	0.14	Q9CXE2
Myl6	PTNAEVLKVLGNPKS	50	0.38	0.38	Q64433
Rbm33	DDFDQFDKPGAERSW	23	0.38	0.15	D3Z6I8
Uba52	SLRQLAQKYNCDKMI	88	0.38	0.30	P97450
Mbp	KRPSQRSKYLATAST	29	0.38	0.26	P40142
Atp5h	ALVDQEEKEDVKSCA	95	0.37	0.26	P70202
Scp2	QSAFFQGKLKIAGNM	522	0.37	0.09	Q99P72
Acss1	TAVRLLKYGDAWVK	389	0.37	0.14	Q8VCN5
Ctnn	FVNDVSEKEQRWGAK	35	0.37	0.15	Q9QYX7
Atp5a1	STVAQLVKRLTDADA	261	0.37	0.30	O08553
Cplx2	_MDFVMKQALGGAT	6	0.36	1.32	P15864
Dld	KNQVTATKADGSTQV	166	0.36	0.23	P32020
Akap5	ETKVITEKPSVQTQR	233	0.36	0.25	Q8BP27
Pma4	SALALAVKVLNKTMD	195	0.36	0.10	Q9R0H0
Camk2a	MLTINPSKRITAAEA	258	0.36	0.54	Q923D5
Jade2	TSASRCSKLPSSTKS	32	0.36	0.52	E9Q9J0
Tkt	CKAFGQAKHQPTAI	232	0.36	0.51	P40142
Atp1a1	QENLPILKRAVAGDA	444	0.36	0.37	O08585
Eea1	VKNAVSKTVLENKL	989	0.36	0.20	S4R1C4
Atp6v1d	RMAQTIMKARLKGAQ	20	0.35	0.20	V9GXG3
Ewsr1	GKDFQGSKLKVSAR	401	0.35	0.36	Q5SW88
Atpif1	GAFGKREKAEDRYF	20	0.35	0.12	Q8K2B3
Ctdp1	IYDSNTGKLIRMGPQ	770	0.35	0.49	E9PVL9
Aldoa	RPFPQVIKSGGVVG	99	0.35	0.79	Q60605
Ptma	DVDTKKQKTEEDD_	106	0.35	0.09	D3YV48

Ahcyl2	MDGFRLVKLNEVIRQ	233	0.35	0.21	E9Q9J0
Uqcrb	KWLDGFRKWYYNAAG	19	0.35	0.38	F6RT34
Dld	QRQGFKFLNTKVTG	273	0.35	0.20	Q9DCX2
Dld	FKFKLNTKVTGATKK	277	0.35	0.20	P32020
Ndufa5	TKTLDILKHFPKHAA	36	0.35	0.22	Q99NB1
Tuba1b	AWARLDHKFDLMYAK	394	0.35	0.35	Q60598
Rtn3	GIARDQTKSIVEKIQ	945	0.34	0.13	Q03265
Crmp1	NCPVYITKVMSKSAA	254	0.34	0.14	P84086
Eno1	IEEELGSKAKFAGRS	420	0.34	0.12	O08749
Me3	KIWMVDSKGLIVKGR	372	0.34	0.19	D3YVF0
Dcps	VVYPATEKHLQKYMR	137	0.34	0.38	Q9R1P0
Cd82	PCSCEKIKEEDNQLI	180	0.34	0.10	P11798
Rab3a	LVDVICEKMSSESLDT	186	0.34	0.21	A2AA59
Mdh2	LGKKGLEKNLGIGKI	301	0.33	0.14	P40142
Tppp	SRLTDTSKFTGSHKE	170	0.33	0.20	Q8VDN2
Ppp1r14a	GSPSGLQKRHARVTV	32	0.33	0.25	Q8BL66
Anxa2	RSVCHLQKVFERYS	160	0.33	0.22	P57746
Psma4	SMLKQDYKEGEMTLK	180	0.33	0.34	Q5SUT0
Nadk2	SRVVVVAKTTRYEFE	64	0.32	0.09	E9PV44
Dpysl4	ARASCSGKISVPPVR	525	0.32	0.32	Q7TSG2
Cox6c	YRNYDSMKDFEEMRK	61	0.32	0.34	P05064
Uqcrb	WTKYEEDKFYLEPYL	88	0.32	0.28	P26350
Jade2	SKLPSTKSGWPRQN	38	0.32	0.51	H3BKT5
Pnpo	SARMLLLKGFGKDGf	100	0.32	0.11	Q9CQB4
Npm1	SLPKVEAKFINYVKN	237	0.32	0.55	O08749
Snap25	LQLVEESKDAGIRTL	40	0.32	0.25	O08749
Abat	CLATTHSKAIHKIDI	231	0.32	0.23	Q9CPP6
Atp5o	LSPNQILKLEIKTDP	172	0.32	0.12	P05213
Fabp5	SLKDLEGKWRLMESH	10	0.32	0.44	Q9ES97
Aco2	IRYDLLEKNINIVRK	50	0.31	0.15	P97427
Eno2	IERAVEEKACNCLLL	335	0.31	0.62	P17182
Map6	RSEGHEEKPLPPAQS	300	0.31	0.18	Q8BMF3
Impa1	SQQEDITKSLLVTEL	156	0.31	0.35	Q3TBW9
Ctnn	VGHEYQSKLSKHCSQ	107	0.31	0.16	P40237
Ggps1	YLLQLPGKQVRSKLS	25	0.31	0.13	P63011
Mtdh	GWSEKSVKLSSQLSE	291	0.30	0.21	P08249
Glud1	DKLVEDLKTRESEEQ	90	0.30	0.14	Q7TQD2
Map2	VTTDQEKKETSAPSV	419	0.30	0.25	Q91VC7
Nolc1	EETPQTQKPAAVAA	193	0.30	0.35	B0V2N5
Vdac2	GFGFGLVKLDVKTks	28	0.30	0.13	Q9R1P0
Clip2	AATTVSEKPGPKAAE	64	0.30	0.11	Z4YK42
Acot13	GFDRVLEKVTLVSAa	27	0.30	0.29	Q3TMU8
Hist1h1e	PVSELITKAVAASKE	46	0.29	0.26	Q9CPQ1
Eny2	KLIECGWKDQLKAHC	43	0.29	0.10	Q9CQB4
Gm10108	MEYLENPKKYIPGTK	73	0.29	0.10	A2AA59

D10Jhu81e	AVDGKDCKVNKEVER	152	0.29	0.12	Q91XF0
Abat	PDEAIRNKLILIARN	452	0.29	0.27	Q55QB0
Ccdc50	IARLLQEKELQEEKR	119	0.29	0.19	P60879
Epb4113	EYGCDVDKRSRGQVL	136	0.29	0.14	P61922
Atp5a1	GVRGYLDKLEPSKIT	498	0.28	0.30	Q9DB20
Mapt	IGSTENLKHQPGGGK	559	0.28	0.14	Q05816
Tpm4	VILEGELKRAEERAE	141	0.28	0.15	Q99KI0
Atp6v0a1	NTNQEALKRNFLELT	119	0.28	0.32	P17183
Atp5l	SAKTGSFKHLTVKEA	66	0.28	0.29	Q7TSJ2
Parp8	KNYDRVMKALDSITS	605	0.28	0.08	Q924B0
Atp5a1	LDKLEPSKITKFENA	503	0.28	0.24	Q60598
Asrgl1	RAATEGYKILKAGGS	53	0.28	0.45	Q9WTN0
Bphl	TLIVHGEKDPLVPRF	243	0.28	0.08	Q80WJ7
Mbp	GKGAEGQKPGFGYGG	147	0.28	0.35	P26443
Pgp	QESDCMFKKKMVPDF	300	0.27	0.30	P20357
Naa50	FPVSYNDKFYKDVLE	34	0.27	0.22	E9Q5C9
Mt3	GAKAEAEKSCCQ__	63	0.27	0.15	G3UX26
Cct6a	RSVTLLVKGPKNHTL	377	0.27	0.28	Q9Z0H8
Atox1	AVSRVLNKLGGVEFN	25	0.27	0.27	Q9CQR4
Spag7	GCPVPANKRDTRSIE	197	0.27	0.29	P43274
Bcl9l	HCPPAPAKPMHPENK	36	0.27	0.15	Q9JIX0
Dld	GKSEEQLKEEGIEFK	410	0.27	0.35	G3UWG1
Sod1	MKAVCVLKGDPVQG	10	0.27	0.28	Q9D172
Map1a	DTAVELGKGPEPKGK	1411	0.27	0.19	P61922
Cfdp1	TEISSNKPLVKADE	142	0.26	0.35	Q810U5
Pgm3	KVPVYCTKTGVKHLH	350	0.26	0.17	Q9WV92
Hdgfrp3	RVEDGKGKRKNEKGG	135	0.26	0.05	Q03265
Hdgfrp3	GDRVEDGKGKRKNEK	133	0.26	0.12	A0A0A0
Tpi1	EKLRGWLKSNVNDGV	244	0.25	0.43	Q6IRU2
Hibch	EQMKVINKMSPTSLK	300	0.25	0.18	K3W4T3
Aco2	GKDGGKFKLEAPDAD	523	0.25	0.07	Q9CPQ8
Cfl1	LFCLSEDKKNILEE	44	0.25	0.27	Q3UD82
Me2	NWPENHVKAVVVTDG	156	0.25	0.12	Q03265
Tpm3	EDELYAQKLKYKAIS	228	0.24	0.24	Q8C0M9
Cltc	AEELFARKFNALFAQ	367	0.24	0.24	Q8R164
Sdha	AHAREDYKVRVDEYD	598	0.24	0.22	F7A0B0
Ndufb3	TPLETVQKKLAARGL	40	0.24	0.22	Q8CHP8
Pfdn2	RLMGEDEKPAAKENS	132	0.24	0.16	Q6PGB6
Pura	NAKGRFLKIAEVGAG	86	0.24	0.09	P28184
Sarnp	TTEDTEAKKRKRAER	199	0.24	0.07	P80317
Hist1h1e	PAEKTPVKKKARKAA	21	0.24	0.14	O08997
Asrgl1	LEKEKLEKGAQNADC	172	0.24	0.24	Q7TNE3
Atp5h	LRIQEYEQLEKMRN	117	0.24	0.15	Q67FY2
Auh	EVGPFVSKIRSVIND	135	0.23	0.12	O08749
Atp1b1	ENIGYSEKDRFQGRF	289	0.23	0.13	P08228

Arhgdia	DEHSVNYKPPAQKSI	28	0.23	0.07	Q9QYR6
Gap43	DGVKPEDKAHKAATK	30	0.23	0.12	O88271
Ndufa4	RQILGQAKKHPSLIP	10	0.23	0.08	Q8BWW3
Pcx	QLRSILVKDTQAMKE	1090	0.23	0.10	Q9JMG7
Slc25a5	GVAAAISKTAVAPIE	23	0.23	0.15	Q9JMG7
Mdh1	KANVKIFKSQGTALE	110	0.23	0.32	P17751
Bcl9l	NKLTNHGKTGNGGAQ	49	0.23	0.09	Q8QZS1
Psmb7	LGRYRCEKGTAVLT	249	0.23	0.09	Q99KI0
Cast	NEQMVSEKPSSESKTK	139	0.23	0.12	P18760
Hdhd2	ARNLIEQKQVRPMLL	86	0.23	0.11	Q99KE1
Nucks1	DSEKDVTKKDDSH	67	0.23	0.17	E9Q7Q3
Dctn2	DPDGALAKRLLQLLE	175	0.23	0.65	Q68FD5
Dld	LEKMMEQKHSVAVKAL	127	0.22	0.19	Q8K2B3
Ap1b1	QKRPEILKHEMKVFF	291	0.22	0.16	Q9CQZ6
Pars2	PFVIIAGKRALEDPA	438	0.22	0.09	O70591
Psm7	VEKKSVAKLQDERTV	52	0.22	0.17	P42669
Map6	RNEGHEEKPLPPAQS	254	0.22	0.12	Q9D1J3
Map2	_RKLILKPAIKYTR	1493	0.22	0.36	P43274
Dlat	LVRKELNKMLEGKGK	461	0.22	0.14	Q8C0M9
Gnao1	LGVEYGDKERKTDSK	98	0.22	0.07	Q9DCX2
Idh2	EKRIKVEKPVVEMDG	48	0.22	0.04	Q9JLZ3
Bcl9	_MHPSNPKVRSSPSG	7	0.21	0.08	P14094
Stx1b	EYNATQSKYRDRCKD	139	0.21	0.29	Q99PT1
Opcml	NYPPYISKAKNTGVS	220	0.21	0.36	P06837
Vdac1	VNGSLETKYRWTEYG	74	0.21	0.29	Q62425
Mcu	VERLEDLKQQLAPLE	210	0.21	0.05	G5E8R3
Actb	VGDEAQSKRGILTLK	61	0.21	0.21	P51881
Lsmp	EVSSADVQVKVTVN	209	0.21	0.11	P14152
Got1	RVLSQMEKIVRITWS	290	0.20	0.17	Q67FY2
Ndufs1	MCLVEIEKAPKVAA	84	0.20	0.15	P70195
Arpp19	KRLQKGQKYFDSGDY	63	0.20	0.20	Q8CE80
Psm3	RLNLYELKEGRQIKP	77	0.20	0.20	Q3UGR5
Habp4	GPQPPGQKRTPRRGE	118	0.20	0.09	A0A087
Dld	KSAQLGFKTVKIEKN	66	0.19	0.22	Q99KJ8
Atp5o	SAASKEKKLDQVEKE	54	0.19	0.18	O08749
Ppat	SDGSAPKFRVHKGM	60	0.19	0.22	Q5SVG5
Xpnpep1	IIPTDYWKKMAKVLR	130	0.19	0.82	Q8CFI5
Aldh1l1	EVGKHIMKSCALSNV	660	0.19	0.27	Q9Z2U0
Acaa2	RNVRFGTKFGLDLKL	137	0.19	0.04	Q7TSJ2
Dlst	FLKKHNLKLGFMFAF	278	0.18	0.11	P20357
Gap43	PVADGVEKKEGDGSA	80	0.18	0.35	Q8BMF4
Impa1	LMSSIEKYPCHSFI	61	0.18	0.09	P18872
Acat1	TPCTTVNKCASGMK	121	0.18	0.04	P54071
Eci1	PEDQVHSKARSVMTK	222	0.18	0.03	Q9D219

Mtmt12	QLKKYPEKLVIHCKD	139	0.18	0.09	P61264
Ywhag	AEVATGEKRAVTVES	142	0.17	0.49	Q6DFY2
Ndufs6	INLDKETKTGTCGYC	100	0.17	0.04	Q60932
Pdhx	QEIADSVKVLSSKAR	394	0.17	0.06	Q3UMR5
Atp5j	VQKLFVDKIREYKSK	46	0.17	0.31	P60710
Aldh5a1	DIIYTSAKDKRGLVL	172	0.17	0.12	Q3TYE5
Atp1a3	ELSSGSVKLMRERNK	458	0.17	0.08	P05201
Psat1	LEKRFLDKAVELNMI	323	0.16	0.19	Q91VD9
Meaf6	NQKNSNSKNDRRNRK	30	0.16	0.11	P56212
Psmb7	EGMVVADKNCSTHIF	72	0.16	0.08	Q9R1P1
Zfand6	NPVVVGEEKIQKI__	219	0.16	0.07	Q9JKS5
Camk2a	QETVDCLKKFNARRK	291	0.16	0.06	O08749
Vdac1	TRFGIAAKYQVDPDA	237	0.16	0.05	Q9DB20
Atp5e	KAVRDALKTEFKANA	28	0.16	0.19	Q8CIH9
Atp5b	IDERGPIKTKQFAP	159	0.16	0.13	Q6P1B1
Pcnp	GPEEEAEKPVKTKTV	29	0.16	0.09	Q8R0Y6
Cltc	GDRCYDEKMYDAAKL	1209	0.15	0.17	Q8BWT1
Ywhag	DREQLVQKARLAEQA	10	0.15	0.22	Q9D2G2
Acox1	KPDGTYVKPLSNKLT	267	0.15	0.05	P06837
Meaf6	DRYLTNQKNSNSKND	25	0.15	0.10	Q924B0
Ndufs8	QESEVDMKSATDNAA	51	0.15	0.17	Q8QZT1
Stx1b	SEDVEQVKKQHSAIL	54	0.15	0.10	P42125
Ndufv1	DRSTDIVKAIARLIE	356	0.15	0.13	G3XA69
Psmb5	YIASQTVKKVIEINP	91	0.15	0.15	P61982
Tcof1	ANLPCPGKVGSAALR	468	0.15	0.21	P52503
Aldoa	AAQEYIKRALANSL	330	0.15	0.21	Q8BKZ9
Atp2b1	TNDGPALKKADVGF	784	0.14	0.15	P97450
Btf3l4	__MNQEKLAQLQAQ	5	0.13	0.07	Q8BWF0
Mdh2	TPLLGKKGLEKNLG	297	0.13	0.04	Q6PIC6
Marcks	PSSETPKKKKKRFSF	146	0.13	0.04	Q99K85
Ep300	EPGPPSAKRPLSSP	14	0.13	0.07	V9GXH6
Ppia	GRSIYGEKFEDENFI	82	0.13	0.14	P70195
Hadh	MKLVEVIKTPMTSQK	185	0.12	0.03	Q9DCH6
Atp1b1	GKPCIIKLNRLVGF	179	0.12	0.12	P11798
Tars2	RADMFSKPPGTDGV	303	0.12	0.05	Q60932
Cox6b1	KTIKIKNYKTAPFDSR	13	0.12	0.12	P56382
Lsmp	EYSLRIQKVDVYDEG	100	0.12	0.08	P56480
Arl6ip4	KSRIQAMKPMTKKEW	133	0.11	0.02	Q6P8I4
Tcof1	PILATPGKTGPAATQ	327	0.11	0.12	Q68FD5
Map2	IGSTDNIKYQPKGGQ	1685	0.11	0.07	P61982
Snap25	LCVCPCKLKSSDAY	94	0.11	0.13	Q9R0H0
Basf1	EAPSSAAKAPAPAAP	195	0.11	0.07	V9GXH6
Nit2	IPGESTQKLSEVAKE	68	0.11	0.08	Q8K3J1
Atp5e	KTSGSSIKIVKVSCK	44	0.11	0.05	P61264
Ywhae	FATGNDRKEAAENSL	142	0.10	0.04	D3YUM1

Psma6	IPVDMLCKRIADISQ	116	0.10	0.13	O55234
Aco2	CPKVIGVKLTGSLSG	233	0.10	0.03	H3BIX0
Pmpca	NVKPEDIKRVASKML	477	0.10	0.08	P05064
Scamp1	NTQPAIMKPTEEHPA	65	0.09	0.08	G5E829
haemaglobin	FASFPTTKTYFPHFD	41	0.09	0.02	Q9CQH7
Ndufa6	DLLVIKGMELQETI	90	0.09	0.05	P08249
Pdha1	TVRRMELKADQLYKQ	77	0.09	0.05	P26645
Hist1h4a	__MSGRGKGGKGLGK	6	0.09	0.02	B2RWS6
Gapdh	TVDGPSGKLWRDGRG	192	0.09	0.33	P17742
Wbp11	TSSTKSGKFMNPTDQ	13	0.09	0.12	Q61425
Znf830	GTVPQATKRRATDVE	102	0.08	0.11	P14094
Smap	KDAKSNYKMMFVKSS	172	0.08	0.18	E9Q7H6
Cul4b	TTPPTSAKKRKLNSS	38	0.08	0.07	P56391
Map1a	KILEGLEKLRHLDL	282	0.07	0.03	Q3TYE5
Ncoa2	TDPASNTKLIAMKTV	780	0.07	0.17	D3YWC2
Pcnp	AGEEKPEKPQRAGAA	13	0.07	0.07	H3BIX0
Acat1	KEAWDAGKFASEITP	227	0.07	0.01	P20357
Hmgcl	RDGLQNEKSIVPTPV	48	0.07	0.10	P60879
Gls	HKFITALKSTGLRTS	169	0.06	0.05	Q91XV3
Hsp90aa1	REMLQQSKILKVIK	408	0.06	0.05	Q9JHW2
Map1b	VQSLEGEKLSPKSDI	1773	0.06	0.03	P56382
Ndufa9	SHLNASMKSSSKSLR	175	0.06	0.03	P62259
Hspa8	TNTVFDAKRLIGRRF	71	0.06	0.04	Q9QUM9
Ppif	RALCTGEKGFGYKGS	85	0.05	0.06	Q99KI0
Nucks1	DSEDSEEDVKTKKD	64	0.05	0.03	Q9DC61
Ogdhl	KVYYDLVKERSSQGL	919	0.05	0.06	Q8K021
Glud1	DVPFGGAKAGVKINP	183	0.05	0.02	Q91VB8
Slc25a5	RLAADVGKAGAEREF	147	0.05	0.02	Q9CQZ5
37316	RLFGLDIKGRDCGDE	156	0.04	0.03	P35486
Mbp	SWGAEGQKPGFGYGG	163	0.04	0.05	P62806
Hbbt1	SAIMGNAKVKAHGKK	60	0.04	0.02	P16858
Meaf6	DGSVQGVKPQKAASS	107	0.04	0.02	Q923D5
Rad23b	FVVVMVTKPKAVTTA	76	0.04	0.05	Q8R1N0
Psip1	SKRKNLAKPGVTSTS	265	0.04	0.02	Q9R0P4
Sfxn3	LGLKSLTKHLPPLVG	169	0.04	0.02	J3QJX0
Ccdc101	QRYVVACKEPKKK__	288	0.04	0.01	Q9QYR6
Nipsnap1	ALMDCMNKLKNNKEY	141	0.03	0.02	E9PV80
Abat	VLGGCGDKSIRFRPT	470	0.03	0.03	Q6P8I4
H2afv	MAGGKAGKDSGKAKA	8	0.03	0.02	Q8QZT1
Lsamp	PPTITESKSNEATTG	225	0.03	0.03	P38060
Cltc	LAKAQLQKGMVKEAI	1118	0.03	0.02	D3Z7P3
Tcof1	APATQAQKGPVAGTG	699	0.02	0.01	P07901
Nfasc	YQCFARNKFGTALSN	117	0.02	0.02	P14873
Ly6h	ASSCDFVKRHHFSDY	80	0.02	0.01	Q9DC69
Psip1	EDDQEGEKKRKGGRN	284	0.02	0.01	P63017

Tox4	TVVVETGKKQKAPKK	207	0.02	0.01	Q99KR7
Hn1l	KSGSRSMKPPGGESS	18	0.02	0.01	A0A087
Bin1	SKGVTAGKIASNVQK	13	0.02	0.01	E9Q7L0
Tmsb4x	KETIEQEQKAGES__	45	0.02	0.01	P26443
Slc6a1	EAPVASDKPKTLVVK	26	0.02	0.01	P51881
Atp1a3	EVAMTEHKMSVEEVC	35	0.02	0.02	Q922Q1
Tceal5	GKPARQGKLEVEGGP	46	0.02	0.01	F6RT34
Vdac3	ASGNLETKYKVCNYG	61	0.02	0.02	A8DUK4
Dpp6	NRAYEMTKLAHRVSA	765	0.01	0.01	V9GXH6
Glul	GDEPFQYKN_____	372	0.01	0.01	P54728
Atp1a3	GDHPITAKAIAKGVG	615	0.01	0.01	A2BI12
Aldh5a1	KAVEKVEKQVNDAVA	382	0.01	0.01	Q91V61
Nucks1	TVTPSPVKGKAKVGR	183	0.01	0.01	Q9DA08
Npl	ATQEFTAKAEAKLS	295	0.01	0.01	O55125
Dld	FKTVCIKNETLGGT	72	0.01	0.01	P61922
Bcat1	TTLPMFDKEELLKCI	134	0.01	0.01	Q3THW5
Cs	NILLEQGKAKNPWPN	393	0.01	0.01	Q3TYE5
Map2	SPPTSADKSRLSREF	945	0.01	0.00	Q68FD5
Map4	VGSTENIKHQPGGGR	919	0.01	0.00	H3BIX0
Sst	RLRQFLQKSLAATG	37	0.01	0.00	A0A087
Hdgfrp3	NTTADLQKAGEGT__	197	0.00	0.00	Q9WUC3
Sod2	KYHEALAKGDVTTQV	75	0.00	0.00	A2BI12
Slc25a3	EAVPKMYKEEGLNAF	204	0.00	0.00	Q8BU11
Cul4b	TPPTSAKKRKLNSSS	39	0.00	0.00	Q6PGH2
Map1b	DAYCSEEKELKASAE	1228	0.00	0.00	O08539
Mcur1	TKVRTDTKLNFNLEK	253	-0.01	0.00	P20065
Prosc	DSVKLADKVNSSWQK	113	-0.01	0.01	P31648
Atp5e	RFSQICAKAVRDALK	21	-0.01	0.01	Q6PIC6
Glud1	NAIEKVFKVYNEAGV	548	-0.01	0.00	Q8CCT4
Pma1	LVSLIGSKTQIPTQR	115	-0.01	0.01	Q60931
Tpi1	GTMAPTRKFFVGGNW	56	-0.01	0.02	E9PWX1
Sod2	GELLEAIKRDFGSFE	122	-0.02	0.00	P15105
Iars2	GLVYRSYKPVYWSPS	241	-0.02	0.04	Q6PIC6
Srcin1	TSSPGSEKPSGSRTS	1194	-0.02	0.01	Q8BWF0
Hspe1	TKVVLDDKDYLFRD	86	-0.02	0.01	A0A087
Camk2a	AGQEYAAKIINTKKL	42	-0.02	0.02	Q9DCJ9
Ndufa5	DILKHFPKHAAYRKY	40	-0.02	0.01	O08749
Alb	MKCSSMQKFGERAFAK	229	-0.03	0.01	P24288
Baspl	GEAKAEKEADKAAA	72	-0.03	0.01	Q9CZU6
Gm10108	KMIFAGIKKKGERAD	87	-0.03	0.05	P20357
Atp5j	TFKFDDPKFEVIDKP	99	-0.03	0.04	A0A0B4
Got2	EFSVYMTKDGRISVA	404	-0.03	0.01	P60041
Atp5o	NDITKREKFSPLTAN	100	-0.03	0.01	Q9JMG7
Acat1	AAQRLNVKPLARIAA	304	-0.03	0.03	P09671
Atp5f1	IAQLEEVKQSSMKQI	139	-0.04	0.02	Q8VEM8

Got2	KEIASVVKKKNLFAF	234	-0.04	0.03	J3QJX0
Gap43	EKNDEDQKIEQDGVK	19	-0.04	0.01	P14873
Gatm	PIQKMFELGISTIK	385	-0.05	0.02	Q9CXD6
Gnao1	ISAAKDVKLLLLGAG	35	-0.05	0.03	Q80ZV3
Stx7	LRQQLQQKQQYTQNL	55	-0.05	0.02	P56382
Manf	MCKGCAEKSDYIRKI	140	-0.06	0.03	P26443
Letm1	LSKTGEEKYIEESAA	596	-0.06	0.03	Q9R1P4
Stoml2	LGKLSLDKVFRES	99	-0.06	0.02	P17751
Glud1	LIPAASEKQLTKSNA	386	-0.06	0.02	P09671
Sucla2	SSQMIGQKLITKQTG	139	-0.07	0.04	Q8BIJ6
Zadh2	AIPRTMQKLVRTLS	35	-0.07	0.05	B1AQX9
Marcks	FSFKSFKLSGFSFK	158	-0.07	0.03	Q64433
Mmab	VARYAAMKEGSQEKI	224	-0.07	0.05	P11798
Iars2	TKITDSYKQYDFGKV	775	-0.08	0.09	Q9CPP6
Hk1	PELLTRGKFTSDVA	332	-0.08	0.04	P07724
Pnkd	AVQASIEKERNLVA	160	-0.08	0.04	Q91XV3
Aco2	GRSAAVAKQALAHGL	401	-0.08	0.05	G3UWG1
Mdh2	KITPFEEKMIAEAIP	314	-0.08	0.06	P97450
Hist1h1e	AAPAPAEKTPVKKKA	17	-0.08	0.05	P05202
Dpy30	ERIVENEKINAESS	35	-0.08	0.04	Q9DB20
Pcnp	EAADLPTKPTKMSKF	64	-0.09	0.06	Q8QZT1
Psma4	VSKLSAEKVEIATLT	210	-0.09	0.02	Q9CQQ7
Dlat	AQWLAEFKKYLEKPI	631	-0.09	0.06	P05202
Iars2	FAQAAIEKQKSAFVR	194	-0.09	0.09	P06837
Atp5f1	AKCIEDLKLLAKKAQ	244	-0.09	0.04	Q9D964
Fech	TVHKVMEKLGYPNPY	287	-0.09	0.16	P18872
Naca	NILFVITKPDVYKSP	108	-0.09	0.11	Q8BH40
Atp1a3	VNDSPALKKADIGVA	716	-0.09	0.10	Q80ZP8
Idh3g	YANVIHCKSLPGVVT	149	-0.10	0.03	Q9Z210
Sod2	PKGGGEPKGELLEAI	114	-0.11	0.03	A2AG39
Ndufv3	QEVLEDQKPVSYST	371	-0.11	0.13	P26443
Sptbn2	LLDITDKFRFFKAV	1909	-0.11	0.06	Q9Z219
Cfdp1	GMSSLLGKIGAKKQK	226	-0.11	0.10	Q8BGC4
Map4	TVSAPDLKSVRSKVG	906	-0.11	0.03	P26645
Gapdh	CRLEKPAKYDDIKKV	252	-0.11	0.10	Q9D273
Atp5o	LRVGQLLKDPKVSIA	70	-0.11	0.07	Q8BIJ6
Ncl	KKNITPAKVIPTPGK	102	-0.12	0.14	G3UVV4
Tnks1bp1	ECQEEHSKTPEERNL	237	-0.12	0.05	Q69ZP3
Rps11	KNIGLGFKTPKEAIE	45	-0.12	0.10	Q99KI0
Prcc	SDISSDAKPSRLASK	216	-0.12	0.09	P08249
Atp5a1	LGNAIDGKGPIGSKT	161	-0.12	0.09	P43274
Glud1	PKELEDFKLQHGSL	352	-0.13	0.15	Q99LT0
Abhd11	TNFNSLAKAMVQRTG	79	-0.13	0.05	Q6P8I4
Pkm	SRSVEMLKEMIKSGM	62	-0.14	0.07	Q9R1P0
Eci2	LDFVNKAKWDAWNAL	57	-0.14	0.11	Q8BMF4

Oxr1	KFLKINCKYITIGKG	213	-0.14	0.19	Q8BIJ6
Tkt	MPTPPSYKVGDKIAT	310	-0.14	0.13	Q9CQQ7
Asrgl1	WAAVKNGKLQAGIDL	309	-0.14	0.13	P22315
Atp5a1	IKEGDVVKRTGAIVD	132	-0.15	0.13	Q60817
Map4	KTTPTVSKATSPSTL	782	-0.15	0.05	Q6PIC6
Pdxk	NLKVACEKTVSAMQH	258	-0.15	0.04	P70404
Psma4	LAVKVLNKTMDVSKL	199	-0.15	0.05	P09671
Baspl	APAASDSKPSSAEP	170	-0.15	0.08	Q3U422
Ncam1	EPPESEAKPAPTEVK	1092	-0.15	0.10	Q68FG2
Idh3a	SDGLFLQKCREVAEN	214	-0.15	0.15	O88271
Atp5c1	AIHSSVAKQMKNEVA	88	-0.16	0.04	A0A0B4
Glud1	GASIVEDKLVEDLKT	84	-0.16	0.04	P16858
Cisd2	KDSLINLKIQKENPK	74	-0.17	0.11	Q9DB20
Mtatzp8	PWELKWTKIYLPKSL	57	-0.17	0.19	P09405
Serbp1	EGADGQWKKGFVLHK	319	-0.17	0.13	P58871
Atp1a3	ARTSPQQKLIIVEGC	688	-0.17	0.25	P62281
Decr1	DPTGRFEKEMIDRIP	260	-0.17	0.03	Q9EQC8
Atp5b	EGLVRGQKVLDSGAP	124	-0.18	0.08	Q03265
Snap25	EGMDQINKDMKEAEK	69	-0.18	0.05	P26443
Apoa1	LQESARQKLQELQGR	156	-0.18	0.09	Q8K4F5
A830010M20Rik	TLQKVNAKLVPMPKI	387	-0.18	0.11	P52480
Asrgl1	GGLILVNKTGDWVAK	287	-0.18	0.18	E9Q7A8
Hspa9	GIVTDLIKRTIAPCQ	360	-0.18	0.11	E9Q0A7
Fasn	LTQGEVYKELRLRGY	993	-0.18	0.18	P40142
Psma5	MTLKEAIKSSLIILK	196	-0.18	0.16	Q8C0M9
Atp1a3	TSTICSDKTGTLTQN	367	-0.19	0.10	Q03265
Tmsb15l	NENKMSDKPDLSEVE	39	-0.19	0.05	A0A0B4
Sdha	FTEERLAKLQDPFSV	235	-0.19	0.09	Q8K183
Gmpr2	CTYVGAARKLKSRR	323	-0.19	0.08	Q9R1P0
Eno1	IAPALVSKKVNVEEQ	80	-0.19	0.17	Q91XV3
Acot13	EKLICEMKVEEQHTN	43	-0.20	0.16	P13595
Gng13	EWDVPQMKKEVESLK	10	-0.20	0.17	Q9D6R2
Nolc1	VVAKAPVKVAAAPTQ	264	-0.20	0.12	A2AKV1
Auh	ALSKNLLKMLSKAVD	84	-0.20	0.13	P26443
Atp5h	YYRANVAKPGLVDDF	63	-0.20	0.09	Q9CQB5
Sod2	RDFGSFEKFEKELTA	130	-0.20	0.21	P03930
Ube2l3	FPAEYPFKPPKITFK	64	-0.20	0.17	Q9CY58
Dld	GIEFKIGKFPFAANS	420	-0.20	0.26	Q6PIC6
Cdc42	ARDLKAVKYVECSAL	153	-0.21	0.51	Q9CQ62
Sdha	AFGGQSLKFGKGGQA	179	-0.21	0.24	P56480
Gdi1	CETINRIKLYSESLA	210	-0.21	0.28	P60879
Ahcyl1	MDGFRVVKLNEVIRQ	359	-0.21	0.15	Q00623
Gstk1	KISTQQVKNKLIENT	165	-0.21	0.27	G3X9V7
Ing4	DYDSSSSKGGKKKGRT	127	-0.21	0.17	Q8C0M9

Ing4	DSSSSKGGKKGRQK	129	-0.21	0.17	P38647
Ncam1	ISAATEFKTQPVREP	595	-0.21	0.05	P19096
Aco2	FLTGKDGKKFKLEAP	520	-0.22	0.13	Q9Z2U1
Atp5h	GLVDDFEKKYNALKI	72	-0.22	0.08	Q6PIC6
Omg	VSKNMLEKVVLIKNT	137	-0.22	0.08	Q8C0W0
Vsx2	KSALNQTKKRKKRRH	144	-0.22	0.06	Q9CQA3
Pcnp	DGKAGEEKPEKPQRA	10	-0.23	0.09	Q99L27
Acot2	RSALRDEKGALFRAH	83	-0.23	0.05	P17182
Isoc2a	DASHPQFKEIQKIIK	178	-0.23	0.42	Q9CQR4
Dld	GFGKITGKNQVTATK	159	-0.23	0.19	Q9JMF3
Dld	KNQVTATKADGSTQV	166	-0.23	0.19	E9Q5C9
Acot9	TDPELRDKYVTVQNT	102	-0.23	0.63	Q9JLZ3
Tpm3-rs7	RSVAKLEKTIDDLED	215	-0.23	0.05	Q9DCX2
Olfr23	____MPGKNQTVISR	4	-0.23	0.07	P09671
Lrrc59	AGDCLDEKQCKQCAN	135	-0.23	0.08	D3YZS3
Aco2	NKIHPVDKLTIQGLK	723	-0.24	0.06	O08749
Tubb2a	YNEAAGNKYVPRAIL	58	-0.24	0.38	P60766
Fh	TRIGFAEKVAAKVAA	289	-0.24	0.29	Q8K2B3
Nono	GIVEFSGKPAARKAL	200	-0.24	1.59	P50396
Auh	RVAASSAKMGLVETK	179	-0.24	0.19	Q80SW1
Add1	IAYDKGEKLLRCKLA	143	-0.24	0.10	Q9DCM2
Hmgb1	MSAKEKGKFDMAKA	59	-0.25	0.36	Q8C0D7
Slc25a4	DCLTKIFKSDGLKGL	166	-0.25	0.28	Q8C0D7
Capzb	LNEIYFGKTKDIVNG	235	-0.25	0.17	P13595
Mdh1	VIKNKTWKFVEGLPI	298	-0.25	0.09	Q99KI0
Aldh6a1	FVESKSDKWIDIHNP	55	-0.26	0.14	Q9DCX2
Eno1	KEALELLKTAIAKAG	228	-0.26	0.08	Q63912
Ctnn	YAKGFGGKYGVQKDR	309	-0.26	0.21	Q61412
Atp5a1	KQVAGTMKLELAQYR	434	-0.26	0.19	Q6P8I4
Uba52	VKAKIQDKEGIPPDQ	33	-0.27	0.13	Q9QYR9
Tcof1	VAPVHTQKTGPSVKA	601	-0.27	0.10	P85094
Acaa2	GVFIVAARKRTPFGAY	13	-0.27	0.31	O08749
Slc6a1	EAPVASDKPKTLVVK	26	-0.27	0.16	O08749
Eef1g	GKAVNQGKIFK____	434	-0.27	0.19	Q9R0X4
Mfap1	VKRYVSGKRPDYAPM	43	-0.27	0.08	D3Z2H9
Stxbp1	HYQGTVDKLCRVEQD	364	-0.27	0.17	B2FDE2
Atp5o	MIVRIGEKEYVDMSAK	192	-0.27	0.33	Q922Q8
Ndufa2	RYAFGQEKTVSLNNL	75	-0.27	0.07	Q99KI0
Hist1h1c	SRIKLGLKSLVSKGT	85	-0.27	0.07	Q7TMM9
Tuba1b	VPGGDLAKVQRAVCM	370	-0.28	0.28	P97807
Hist1h2bk	PAPKKGSKKAVTKAQ	16	-0.28	0.20	Q99K48
Hist1h2bk	APKKGSKKAVTKAQK	17	-0.28	0.20	Q9JLZ3
Hist1h2bk	GSKKAVTKAQKKDGK	21	-0.28	0.20	F8WHZ9
Hist1h2bm	PAPKKGSKKAVTKAQ	NaN	-0.28	0.20	P63158
Wdr1	FFEGPPFKFKFTIGD	180	-0.28	0.19	P48962

Vdac3	GYGFGMVKIDLKTKS	28	-0.28	0.09	P47757
Bcat1	LASRILGKLTDIQYG	368	-0.28	0.09	P14152
Ldhb	TPKIVADKDYSVTAN	82	-0.28	0.51	Q9EQ20
Slc25a4	GLGDCLTKIFKSDGL	163	-0.28	0.28	P17182
Nolc1	AKPGTPAKAQPKVAN	215	-0.29	0.16	Q60598
Khsrp	RGGEQINKIQQDSGC	170	-0.29	0.17	Q03265
Pkm	LDYKNICKVVEVGSK	166	-0.29	0.48	E9Q9J0
Scn2b	RMKIINLKLERFGDR	91	-0.29	0.10	H3BIX0
Aspa	_MTSCVAKEPIKKIA	7	-0.30	0.58	Q8BWT1
Eno1	CRSERLAKYNQILRI	406	-0.30	0.24	P31648
Vsx2	SALNQTKKRKKRRHR	145	-0.30	0.08	Q9D8N0
Tmsb10	____MADKPDMGEIA	4	-0.30	0.41	Q9CQU1
Ckmt1	TRVISMEKGGNMKRV	276	-0.30	0.49	O08599
Impa1	GAFCNGQKLQVSQQE	145	-0.31	0.49	Q9DB20
Cltb	INNRIADKAFYQQPD	159	-0.31	0.15	Q9CQ75
Pgm1	TQAYPDQKPGTSGLR	16	-0.31	1.05	P15864
Nefm	EGGDGATKYITKSVT	803	-0.31	0.30	P05213
Atp5b	DLLAPYAKGGKIGLF	198	-0.31	0.29	Q8CGP1
Got1	LSDPELFKEWKGNVK	318	-0.31	0.40	Q8CGP1
Mpc2	TYHRLMDKVELLPK	19	-0.32	0.28	Q8CGP1
Fam192a	KNKFSQAKLLAGAVK	150	-0.32	0.12	P10854
Glud1	AYVNAIEKVFKVYNE	545	-0.32	0.52	O88342
Aldoc	RCQYVTEKVLAAVYK	208	-0.33	0.21	Q60931
Syn1	KYDVRVQKIGQNYKA	318	-0.33	0.56	P24288
Snap25	KNLTDLGKFCGLCVC	83	-0.33	0.46	P16125
Cnp	YAQQEVVKRSYGKAF	274	-0.33	0.45	P48962
Fabp5	FSCNLGEKFDETTAD	72	-0.33	0.11	E9Q5C9
	GKRRGGNKLALKTGI	121	-0.33	0.13	Q3U0V1
Hspd1	KLNERLAKLSDGVAV	396	-0.34	0.27	P52480
Nfs1	VTTQTEHKCVLDSCR	48	-0.34	0.11	Q56A07
Etfa	GNALCTVKCDEKVKV	158	-0.34	0.11	Q8R3P0
Etfdh	LAAESIFKQLTSEN	355	-0.34	0.39	P17182
Atp5a1	IDTIINQKRFNDGTD	230	-0.34	0.16	Q61412
Atp1b1	LPVQCTGKRDEDKDK	217	-0.34	1.19	Q6ZWY8
Pdha1	SDPIMLLKDRMVNSN	321	-0.35	0.20	P30275
Atp1a2	GKFPRGFKFDTDELN	567	-0.35	0.17	Q924B0
Syn1	AEPFIDAKYDVRVQK	311	-0.35	0.30	Q6IRU5
Rhoa	GYMECSAKTKD____	162	-0.35	0.16	Q9D0F9
Aldh1l1	KFAELTLKAGIPKGV	615	-0.35	0.14	P08553
Eno2	LVKEAIDKAGYTEKM	233	-0.35	0.34	P56480
Ckb	EKFSEVLKRLRLQKR	313	-0.35	0.57	P05201
Cox4i1	TMLSASQKALKEKEK	60	-0.35	0.72	A0A0A6
Atp6v1g1	SCSSEVEKETREKMT	75	-0.35	0.16	Q91WE2
Cltc	KYIQAACKTGQIKEV	737	-0.36	0.86	P26443
Atp5h	YYRANVAKPGLVDDF	63	-0.36	0.17	P05063

Oxct1	ANWMIPGKMMVKMG G	418	-0.36	0.21	O88935
Tpd52	TFKSFEKVENLKSK	202	-0.36	0.11	P60879
Hspa9	YDDPEVQKDTKNVPF	135	-0.36	0.32	P16330
Sirpa	TRLHEPEKNAREITQ	417	-0.36	0.30	Q05816
Idh3a	AIQGPGGKWMIPPEA	77	-0.37	0.16	Q9D735
Ptma	TSSEITTKDLKEKKE	15	-0.37	0.52	P63038
Srrm2	PQEPTPAKRKRSSS	2556	-0.37	0.12	V9GXS4
Ndufs1	EPMVRNEKGLLTYTS	311	-0.37	0.14	Q99LC5
Ccbl2	ALSCLYGKIYQRQID	117	-0.37	0.26	Q6PF96
Cs	YSIPECQKMLPKAKG	103	-0.37	0.39	Q03265
Parp4	DETNHMKNIMKSL	1144	-0.37	0.57	P14094
Prdx6	VFIFGPDKKLKSIL	117	-0.37	0.76	P35486
Tmsb15b2	____MSDKPDLSEVE	4	-0.38	0.48	Q6PIE5
Tmsb15l	____MSDKPDLSEVE	4	-0.38	0.48	O88935
Glud1	AGVKINPKNYTDNEL	191	-0.38	0.46	A0A0A6
Ctnn	VQADRVDKSAVGFDY	171	-0.38	0.17	Q8R0Y6
Nolc1	EATTPQAKKVLETP	604	-0.38	0.64	P17183
Aldoc	PDGDHDLKRCQYVTE	200	-0.38	0.35	Q04447
Acly	EILIPVFKNMADAMK	544	-0.39	0.64	P19783
Ldha	DSAYEVIKLGYSW	243	-0.39	0.15	Q9CR51
Vdac3	TRFGIAAKYLDCRT	224	-0.39	0.08	Q68FD5
Hist1h2bk	__MPEPAKSAPAPKK	6	-0.40	0.27	Q9DCX2
Hist1h2bk	AKSAPAPKKGSKKAV	12	-0.40	0.27	Q9D0K2
Srsf1	VRKLDNTKFRSHEGE	179	-0.40	0.55	F8WHQ1
Atp5o	KYVDMSAKSIQKLS	199	-0.40	0.09	P38647
Atp5a1	ISEQSDAKLKEIVTN	539	-0.40	0.64	Q6P6I8
Atp2b2	IVLKKCKILSGAGE	592	-0.40	0.35	Q9D6R2
Sv2b	YFQDEEYKSKMKVFF	424	-0.40	0.40	P26350
Bcas1	PEDTKATKADSVCDG	150	-0.41	0.41	Q8BTI8
Ccdc55	PLHRVLQKPSVFGSD	21	-0.41	0.14	Q91VD9
Hspd1	TSEYEKELNERLAK	389	-0.41	0.19	Q71RI9
Dld	EVRLNLEKMMQKHS	122	-0.41	0.18	Q9CZU6
Ptms	EEDEADPKRQKTENG	91	-0.41	0.16	E9PYK3
Sccpdh	LRSVSLKPVPIVGT	220	-0.41	0.24	D3Z0Y2
Atp5b	LDSGAPIKIPVGPET	133	-0.41	0.16	A2AF31
Nadk2	RQRCFSSKVCVRSRC	356	-0.41	0.49	Q8C0W0
Syt1	RYVPTAGKLTVVILE	288	-0.41	0.24	P26443
Idh3a	MKIFDAAKAPIQWEE	58	-0.42	0.60	Q60598
Lzts3	LRQGCSGKLQQVARR	401	-0.42	0.22	E9Q5C9
Acadl	GTKEQIEKFIPQMTA	156	-0.43	0.25	P05063
Gnai1	SGKSTIVKQMKIIHS	51	-0.43	0.40	Q91V92
Mdh2	EAGTEVVAKAGAGS	239	-0.44	1.17	P06151
Pgk1	SLMDEVVKATSRGCI	361	-0.44	0.14	Q60931
	MHRVNTSKLEKQLRK	99	-0.44	0.60	Q8CGP1

Cox4i1	KALKEKEKADWSSLS	67	-0.44	0.11	Q8CGP1
Mapt	DLSNVQSKCGSKDNI	582	-0.44	0.11	Q6PDM2
Actb	ALAPSTMKIKIAPP	326	-0.44	0.41	Q9DB20
Ssbp1	ARIFVEGKVDYGEYM	113	-0.45	0.16	Q03265
Atp5a1	AAQTRAMKQVAGTMK	427	-0.45	0.70	S4R1C4
Pgk1	VDFNVPMKNNQITNN	30	-0.45	0.41	Q8BG39
39326	PEECQQFKKQIMKEI	208	-0.45	3.31	Q80YN3
Ndufa11	AALFKIGKLEGWELF	129	-0.45	0.54	Q5NCR8
Mdh2	NTFVAELKGLDPAV	185	-0.45	0.38	P63038
Psip1	MLKGQHEKEAGDRKR	307	-0.46	0.38	O08749
Idh3a	AACFATIKDGKSLTK	336	-0.46	0.37	Q9D0J8
Slc25a5	GLGDCLVKIYKSDGI	163	-0.47	0.38	Q8R127
Myt1l	KKRKTQDKQPQEPAP	66	-0.47	0.79	P56480
Idh1	ATITPDEKRVE_____	81	-0.47	0.36	Z4YK42
Smap	YQQSMDSKLSGRYRR	91	-0.47	0.09	P46096
Phb2	YTAAVEAKQVAQQEA	200	-0.48	0.20	Q9D6R2
Atp5f1	AQQALVQKRHYLFDV	162	-0.48	0.41	A2AHG0
Idh3a	MGLKGPLKTPIAAGH	100	-0.48	0.27	P51174
Tubb4b	YNEATGGKYVPRAVL	58	-0.49	1.36	B2RSH2
Aco2	GGRAITKSFARIHE	689	-0.49	1.31	P08249
Syn1	QRQGPPQKPPGPAGP	593	-0.50	0.47	P09411
Ivd	IDQTNDFKNLREFWK	76	-0.50	1.25	Q9CWB7
Gap43	SSQAEEEEKDAVDEAK	199	-0.50	0.07	P19783
Oxct1	GSVAIASKPREVREF	185	-0.50	0.74	A0A0A0
Cs	KLPCVAAKIYRNLYR	215	-0.51	0.38	P60710
Phb2	RAAQNISKTIATSQN	262	-0.51	0.66	Q8R2K3
Akr7a2	SQLETSKRLQCPRV	136	-0.51	0.48	Q03265
Psma4	AAAVSMLKQDYKEGE	176	-0.51	1.14	P09411
Wipf3	GPGTSGGKLNPAP	381	-0.52	0.41	E9Q1G8
Atp5c1	QKITKSMKMVAAGKY	25	-0.52	1.45	Q9D8B4
Fubp1	RITGDPYKVQQAEM	238	-0.52	0.24	P08249
Atp1a3	LCNRAVFKGGQDNIP	424	-0.53	1.20	A2B112
Mtstp8	VKTPWELKWTIYLP	54	-0.53	0.10	Q9D6R2
Ntm	ILYAGNDKWCLDPRV	81	-0.53	0.16	P51881
Psip1	DMVIDEDKSKKKGPE	215	-0.54	0.28	E9QLD2
Hbbt1	AVSGLWGKVNADVEVG	18	-0.54	0.50	A0A087
Scp2	EEGEQFVKKIGGIFA	453	-0.54	0.16	Q9R0P4
Dgkk	SATTELNKILKAKYP	445	-0.54	0.10	O35129
Ivd	QLRHTISKFLQENLA	56	-0.54	0.12	Q9CQQ7
Cdc42	____MQTIKCVVVGDG	5	-0.54	0.33	Q9D6R2
Psap	GGFCEVCKKLVLYLE	440	-0.54	0.47	P68372
Atp5a1	ISEQSDAKLKEIVTN	539	-0.55	0.23	Q99KI0
Mt3	CAKDCVCKGEEGAKA	52	-0.55	0.28	O88935
Atp5f1	WVEKHVVKSISVQQE	225	-0.55	0.63	Q9JHI5
Glud1	PTTPEADKIFLERNI	415	-0.55	0.57	P06837

Mecp2	ASEGVQVKRVLEKSP	210	-0.57	0.71	Q9D0K2
Pcbd2	GLTKRDVKLAQFIEK	124	-0.57	0.47	Q9CZU6
Cyb5r1	NFNIQPNKKSPPELR	135	-0.57	0.37	O35129
Hspa2	TRIPKIQKLLQDFFN	348	-0.57	0.34	Q8CG76
Idh3g	VHKANIMKLGDLFL	226	-0.57	0.61	Q9R1P0
Gpi	RVRSGDWKGYTGKSI	142	-0.58	1.01	D3Z5R4
Idh2	HAHGDQYKATDFVVD	180	-0.58	0.21	A2AKV1
Idh2	STKNTILKAYDGRFK	256	-0.58	0.69	A0A0G2
Mdh1	SQGTALEKYAKKSVK	118	-0.59	1.34	Q6PIC6
Ppp3ca	NNKAAVLKYENNVMN	323	-0.59	0.34	P03930
Echs1	FAAGADIKEMQNRTF	30	-0.59	0.18	D3Z396
Vapb	____MAKVEQVLSL	3	-0.59	0.15	A2BI12
Tceal3	VRGENEGKLEKEGKP	11	-0.59	0.43	A8DUK4
Oxct1	NAHKIMEKCTLPLTG	455	-0.59	0.59	P32020
Ppia	SFELFADKVPKTAEN	28	-0.60	1.49	F6UUZ3
Idh2	RGLEHRGKLDGNQDL	384	-0.60	0.34	Q9JHI5
Mt1	CAQGCVCCKGAADKCT	51	-0.60	0.46	P60766
Mtatl8	PKSLTTMKVKTPWEL	46	-0.60	0.52	E9PZ00
Carkd	PMDSNDLKGSTLKLS	208	-0.60	0.31	Q03265
Med1	KGTVMVGKPPSSHSQY	1076	-0.60	0.20	P28184
Atp6v1a	SALSRDIKWEFIPSK	132	-0.61	1.12	Q9CQQ7
Slc6a1	_MATDNSKVADGQIS	7	-0.61	0.25	P26443
Ndufv1	DWILGEMKTSGLRGR	72	-0.61	0.96	Q9Z2D6
Hist2h2bb	KAVTKVQKKDGKKRK	24	-0.61	0.93	Q9CZL5
Mthfd1l	VTDINLGKLVRGDAP	188	-0.62	0.46	G3UZG6
Nolc1	SEEEEASKKSATTPK	446	-0.62	0.42	P17156
Cyb5r3	TLENPDIKYPLRLID	19	-0.62	0.50	P70404
Hmgn2	RSARLSAKPAPPKPE	31	-0.62	0.24	P06745
Pitrm1	VDWAKSGKFTQQDID	945	-0.63	1.48	P54071
Stx12	SQATAQIKNLMSQLG	44	-0.63	0.47	P54071
Hadh	KTPMTSQKTFESLVD	192	-0.64	0.32	P14152
Auh	YGKNALSKNLLKMLS	80	-0.64	0.24	P63328
Pma6	EAANWKYKYGYEIPV	104	-0.64	0.58	F6T930
Myo1d	RVKNMLLSNVCLEA	140	-0.64	0.39	Q8BH80
Atp5a1	GNIRSDGKISEQSDA	531	-0.65	0.24	A2AEC2
Hspa8	NHFIAEFKRKHKKDI	246	-0.65	0.26	Q9D0K2
Acadm	EYPFPLIKRAWELGL	79	-0.65	0.82	P17742
Idh3b	HAVKEVFKAAPVPE	71	-0.65	0.62	P54071
Hist1h4a	SGRGKGGKGLGKGA	9	-0.66	0.28	P02802
Hist1h4a	KGGKGLGKGGAKRHR	13	-0.66	0.28	P03930
Hist1h4a	GLGKGGAKRHRKVL	17	-0.66	0.28	J3QN06
Atp1a3	SVEEVCRKYNTDCVQ	44	-0.66	0.29	Q925J9
Atp5b	LDSGAPIKIPVGPET	133	-0.66	0.96	P50516
Cx3cl1	LNQESCGKRAIVLET	60	-0.66	1.11	P31648
Mt3	CKGEEGAKAEAEKCS	58	-0.66	0.33	D3YUM1

Hsp90aa1	ILEKKVEKVVVSNRL	586	-0.66	0.74	Q64525
Prdx5	VFEGEPGKKVNLAEL	70	-0.67	0.70	Q3V3R1
Sucla2	DDLDEAAKMVVKLSE	438	-0.67	0.57	E9Q5C9
Tuba1b	RLSVDYGKSKLEFS	163	-0.68	0.64	F2Z456
Syp	FDAPSCVKGTTKIF	89	-0.68	0.17	P09602
Ckb	LRVISMQKGGNMKEV	242	-0.68	0.87	Q8K411
Nudt13	ELGGSFIKLRQALFQ	137	-0.69	0.46	Q9ER00
Idh3a	LITEEASKRIAEFAF	177	-0.69	1.46	Q61425
Nolc1	PAKTVVSKTPAKAAP	356	-0.69	0.22	Q9JLZ3
Abat	IAPFPRLKYPLEEFT	252	-0.70	0.55	Q9QUM9
Gnai1	EKAAREVKLLLLGAG	35	-0.70	0.21	Q5SYD0
Hk1	TVCGVVSKRAAQLCG	827	-0.71	1.57	Q03265
Bcat1	PTMENGPKLASRILG	360	-0.71	0.21	P63017
Hk1	GQISEPLKTRGIFET	776	-0.71	1.46	P45952
Atp5o	KKLDQVEKELLRVGQ	60	-0.71	0.15	Q91VA7
Pfdn6	LLGPVLVKQELGEAR	66	-0.72	1.39	P62806
Mdh2	VIGGHAGKTIIP LIS	203	-0.72	0.45	P62806
Slc25a22	LTLVTPEKAIKLAAN	80	-0.73	0.23	P62806
Rab43	EIQGKRVKLQIWDTA	66	-0.73	0.34	Q6PIC6
Cdc42	ITPETAEKLARDLKA	144	-0.73	0.40	P56480
Acot13	LVSAAPEKLICEMKV	37	-0.73	1.78	O35188
Slc25a12	KNSFDCFKKVLRYEG	377	-0.73	2.12	P28184
Cs	GKDVSDEKL RDIWN	327	-0.73	1.01	P07901
Atp5o	SELKTVLKSFLSPNQ	162	-0.73	0.62	P99029
Ywhaz	EVAAGDDKKGIVDQS	138	-0.74	0.31	Q9Z219
Hist2h2bb	PAPKKGSKKAVTKVQ	16	-0.74	0.49	P05213
Hist2h2bb	APKKGSKKAVTKVQK	17	-0.74	0.49	Q62277
Hist2h2bb	GSKKAVTKVQKKDGK	21	-0.74	0.49	Q04447
Hibch	THFVDSEKLRVLEEE	220	-0.74	0.24	Q8JZU0
Smarcd3	VDIQEALKRPMKQKR	148	-0.74	0.85	Q9D6R2
Hist2h2bb	AKSAPAPKKGSKKAV	12	-0.74	0.37	E9Q5C9
Pgk1	AFRASLSKLGDVYVN	156	-0.75	0.20	P61922
Atp5l	KKIIQSAKTGSFKHL	61	-0.75	1.32	B2RSH2
Khsrp	LQERAGVKMILIQDG	267	-0.75	0.19	G3UVV4
Med1	DKLASPMKVPVGTTP	1212	-0.76	0.69	P24288
9030624J02Rik	DAWASDQKV KALKIV	203	-0.76	0.39	G3UVV4
Idh3g	RIA EYAFKLAQESGR	206	-0.76	0.72	Q9DB20
Bas p1	APEEGEAKKTEAPAA	146	-0.76	0.12	Q03958
Mef2a	TGANS LGKVMPTKSP	247	-0.76	0.76	P08249
Mdh2	EKNLGIGKITPFEEK	307	-0.76	0.61	E9PV90
Ncl	KKGAAQAKALVPTPG	116	-0.76	0.42	D3Z444
Prdx5	VNLAELFKGKGVLF	79	-0.76	1.04	P60766
Sarnp	AETVELHKLKLAELK	10	-0.76	0.19	Q9CQR4
Ndufa7	KRTQPPPKLPVGPSH	40	-0.77	0.40	Q8BH59
Atp6v1a	ALDEYYDKHFTEFVP	467	-0.77	0.29	Q9CZU6

Mmab	ELERWIDKYSSQLPP	153	-0.77	0.39	Q9DB20
Ict1	PGGQNVNKNVNSKAEV	94	-0.77	1.09	P63101
Stmn1	ASSDIQVKELEKRAS	9	-0.77	0.16	Q64525
Vdac2	GTLETKYKWCEYGLT	63	-0.78	0.18	Q64525
Cyb5a	GQSDKDVKYTTLEEI	10	-0.78	0.28	Q64525
Pkm	GTAEEVELKKGATLKI	135	-0.78	1.07	Q8QZS1
Mdh2	EQLPDCLKGCDVVVI	91	-0.78	0.32	Q6P9Z1
Atp1a3	QDNIPVLKRDVAGDA	434	-0.78	0.22	Q64525
Ctnn	YKTGFGGKFGVQSER	272	-0.78	0.42	P09411
Acly	YIADLDAKSGASLKL	259	-0.78	0.51	Q9CPQ8
Flad1	ESGSLGKKVAGALQ	283	-0.79	0.44	Q3U0V1
Pacsin1	QQLTDWAKRWRQLIE	62	-0.80	0.33	Q925J9
Khsrp	IQQDSGCKVQISPS	178	-0.80	0.89	H3BJE8
Got2	DPRPEQWKEIASVVK	227	-0.80	0.25	P70404
Atp1a3	AVPDAVGKCRSAGIK	595	-0.81	0.97	Q91XV3
Mdh1	TNCLTASKSAPSIPK	142	-0.81	0.99	Q60929
Nrcam	QLKIMPKKKHLSAGG	9	-0.81	0.46	P08249
Txnrd2	EPSPRGTKWGLGGTC	79	-0.82	0.37	P09405
Tuba1b	AIATIKTKRTIQFVD	338	-0.82	0.13	P99029
Hist1h2bk	__MPEPAKSAPAPKK	6	-0.82	0.56	Q9D1J3
Hist1h2bk	AKSAPAPKKGSKKAV	12	-0.82	0.56	Q9Z1P6
Atp1a3	SVFQQGMKNKILIFG	940	-0.82	0.68	P50516
Dpysl2	RMSVIWDKAVVTGKM	368	-0.82	0.36	Q9D273
Pfkm	FDRNFATKMGAKAMN	678	-0.83	0.15	Q8R035
Idh3a	REVAENCKDIKFNEM	223	-0.83	0.71	P54227
Sdhb	DPDKTGDKPRMQTYE	57	-0.83	0.48	G3UX26
Eno1	CKAGAVEKGVPLYRH	126	-0.84	0.34	G5E850
Tcof1	NVAPTPAKPARAAAA	251	-0.85	0.36	P52480
Rab1	ELDGKTIKLQIWDTA	58	-0.85	0.36	P08249
Atp5c1	DQFLVSFKDVGRKPP	130	-0.85	0.22	Q6PIC6
Gbas	SRIMIPLKTSPLQ__	276	-0.87	0.86	Q60598
Pcbd2	KLAQFIEKAAASL__	131	-0.87	0.62	Q91V92
Pacsin1	KEVLDDIKRHLNLAE	250	-0.87	0.31	Q8R123
Smap	RTGEEDKKINEELES	75	-0.87	0.23	Q61644
Tsc22d1	QIKELIEKNSQLEQE	938	-0.88	0.47	Q3U0V1
Dlat	KMLEGKGKISVNDFI	468	-0.88	0.53	P05202
Slc25a4	QALNFAFKDKYKQIF	92	-0.89	0.88	Q6PIC6
Ahcyl2	HRLYQLSKAGKLCVP	267	-0.89	0.52	P14152
Aco2	ETDFTLGKDGKKFKL	517	-0.90	0.33	Q810U4
Acat1	ATPYGGVKLEDLIVK	171	-0.90	1.01	J3QMN4
Aldh6a1	LITLEQGKTLADAEG	129	-0.90	0.37	P05213
Acot13	LTNKTGKLIQGRH	127	-0.90	1.14	Q8CGP1
Hist1h1a	TEKPAAAKKTKKPAK	22	-0.90	0.43	Q8CGP1
Aldh9a1	VQKEIADKFINEVVK	303	-0.92	1.24	Q6PIC6
Cd81	DDDANNAKAVVKTFFH	144	-0.92	0.34	O08553

Ptprz1	TQVNVNLKKLFQGW	78	-0.93	0.35	P47857
Cox4i1	TKRMLDMKANPIQGF	149	-0.93	0.94	Q9D6R2
Ndufa10	QDIENAYKKTFLPKM	242	-0.93	0.34	Q9CQA3
Hk1	NILIDFTKKGFLFRG	762	-0.94	0.85	P17182
Yeats4	DTNAMLGKKTVVSEF	131	-0.95	0.47	H3BIX0
Idi1	KAASGEIKLTPWFKI	192	-0.95	0.83	Q5SW88
Fasn	DIMLATGKLSPDAIP	1575	-0.96	1.17	A2AKV1
Mbp	DAQGTLKIFKLGR	194	-0.96	0.23	Q7TMG8
Lactb	VERASGYKYLDYMQK	346	-0.98	0.71	Q9CZL5
C2cd2l	GGLVPSEKPPTMSQA	271	-0.98	0.39	Q61644
Rac1	AKEIGAVKYLECSAL	153	-0.98	0.55	Q9R0P4
Echs1	EAIQCAEKIASNSKI	129	-1.00	0.60	D3Z0V7
Sucla2	VPKGFVAKSSDEAYA	78	-1.00	0.68	Q8BMF4
Fh	VRSTMNFKIGGATER	77	-1.00	1.37	P48962
Hspd1	ITTSEYEKEKLNRL	387	-1.01	0.41	H3BKT5
Hspd1	AYVLLSEKKISSVQS	249	-1.01	0.72	Q99KI0
Gpm6b	MQAYQDIKAKEEQEL	306	-1.01	0.63	Q8QZT1
Pitrm1	IAEMTDIKPILRKLP	759	-1.01	0.67	Q9EQ20
Oxct1	VNRIITEKGVFDVVK	473	-1.02	0.30	Q9CQR4
Apip	RPCGAQDKEHPRFLI	20	-1.04	1.08	P43275
Hspa8	GTLDPVEKALRDAKL	319	-1.04	0.28	Q9JLJ2
Iba57	GDLQDYHKYRYQQGI	222	-1.04	0.37	P35762
Idh3a	KDLGGNAKCSDFTEE	350	-1.05	1.58	B9EKR1
Pgk1	SNKLTLDKLDVKGKR	11	-1.05	0.40	P19783
Tcof1	SAKGISGKGPIATP	318	-1.05	0.46	Q99LC3
Rpia	VSRAVAQKFGGEVEL	225	-1.06	0.81	G3UVV4
Atp5l	PTAIQSVKKIIQSAK	54	-1.06	1.26	Q9CR11
Tsnax	RDITVESKRTIFLLH	68	-1.06	0.44	P58044
Aldh6a1	VKLFIDGKFVESKSD	47	-1.06	0.90	P19096
Vdac1	LGYTQTLKPGIKLTL	265	-1.07	0.20	F6RT34
Pcx	RGKTLHIKALAVSDL	1061	-1.09	0.68	Q9EP89
Wdr1	IAWTEDSKRIAVVGE	115	-1.09	0.39	Q80X80
Ap2a1	LCLRLRYKASPDLP	177	-1.09	1.54	P63001
Hspd1	KIGIEIHKRALKIPA	469	-1.09	0.33	F6T930
Pcnp	KLWERNIKSHLGNVH	167	-1.10	0.74	Q9Z2I9
Atp1a2	QENISVSKRDAGDA	442	-1.10	0.46	P97807
Atp5d	EANEALVKALE____	165	-1.11	1.64	P63038
Auh	KMGLVETKLAIPGG	186	-1.11	1.24	P63038
Hadha	RINSPNSKVNTLNKE	60	-1.12	2.03	A2AEG6
Acaa2	IASEDAVKKHNFTPL	269	-1.13	1.23	Q8K411
Ndufb4	LLQYNDPKRVSHIED	55	-1.14	0.44	Q9D0K2
Hnrnpdl	EVVDCTIKTDPVTGR	61	-1.15	1.14	Q9WVQ5
Atp6v0d1	LSKEDRAKLFPHCGR	239	-1.16	0.89	P63017
Ndufv2	DFTPENYKRIEAIK	60	-1.16	0.57	Q8CAK1
Cacna2d1	PDPCDMVKQPRYRKG	1036	-1.16	2.00	Q9D6R2

Pgam1	LPSCESLKDTIARAL	157	-1.16	1.40	P09411
Rtn3	TKTEMVNKNVLRLL	764	-1.17	0.45	H3BIX0
Hist2h2bb	__MPDPAKSAPAPKK	6	-1.17	0.73	P47968
Hprt1	KVASLLVKRTSRSVG	166	-1.19	0.51	Q9CPQ8
Dpysl2	NCPLYVTKVMSKSAA	254	-1.20	0.45	Q9QZE7
Mdh1	MERKDLLKANVKIFK	103	-1.20	0.42	Q9EQ20
H1f0	STSAPAAKPKRAKAS	12	-1.20	0.54	Q60932
Stip1	PDLALEEKNKGNECF	364	-1.20	0.37	G5E8R3
Rab4b	NVGGKTVKLQIWDTA	58	-1.20	0.86	O88342
Anp32a	LSTIEPLKKLENLKS	106	-1.21	0.75	P17426
Aldoc	AATEEFIKRAEMNGL	330	-1.21	0.78	P63038
Mcu	AQAEMDLKRLRDLQ	331	-1.21	0.44	Q6P8I4
Rtn3	IVEKIQAKLPGIAKK	954	-1.22	0.42	Q6PIE5
Uqcrb	SAVSASSKWLDGFRK	12	-1.22	0.31	Q9D3D9
Ndufv3	PKTQSVLKEPEPTDT	57	-1.23	0.44	Q9JLZ3
Nrcam	MQLKIMPKKKHLSAG	8	-1.25	0.95	Q8BMS1
Dnm1	AALAAERKFFLSHPS	257	-1.25	1.31	Q8BWT1
Acly	NKMKKEGKLIMGIGH	958	-1.26	0.95	Q9CQC7
Pnlsr	RSGSISVKVIRHDSR	730	-1.27	0.75	Q9Z130
Thumpd1	SPQPVAGKRKGKSQF	15	-1.27	1.45	P51863
Hspd1	GLQVVAVKAPGFGDN	301	-1.28	0.37	Q9D6J6
Aldh5a1	ERSLLLRKWDLMIQ	114	-1.28	0.53	E9Q1X8
Mdh2	PELKASIKKGEDFVK	328	-1.28	0.50	Q9DBJ1
Hspe1	GGIMLPEKSQGKVLQ	36	-1.28	0.44	Q9ES97
38596	NQTVEILKHTVDIEE	90	-1.30	0.63	Q64525
Atp5b	DVARGVQKILQDYKS	426	-1.30	0.35	P00493
Map2	DLKNVKSIGSTDNI	1677	-1.35	0.67	O08553
Mdh2	AEAIPKASIKKGE	324	-1.35	0.72	P14152
Glud1	QIMRTAMKYNLGLDL	527	-1.38	0.66	P10922
Rbbp4	____MADKEAAFDDA	4	-1.40	0.99	Q60864
Hsd17b10	SEGEAQAKKLGESCI	52	-1.40	1.20	S4R232
Atp5o	QILKLEIKTDPsimG	176	-1.41	0.92	F6UFG6
Pfkb	KIKELVVKNLGFDR	293	-1.42	0.57	P05063
Mdh1	DLLKANVKIFKSQGT	107	-1.43	0.50	Q3UMR5
Fubp1	RARQIAAKIGGDAGT	40	-1.45	0.69	Q9ES97
Nit2	LYSDIDLKKLAEIRQ	249	-1.46	1.68	Q9CQB4
Psm4	NKTMDVSKLSAEKVE	205	-1.47	0.74	Q8BK30
Atp5f1	SISVQKEKETIAKCI	233	-1.49	0.34	Q810U4
Got1	PELFKEWKGNVKTMA	321	-1.50	0.25	P39053
Park7	VMRRAGIKVTVAGLA	32	-1.52	0.44	Q91V92
Fasn	TTVGSAEKRAYLQAR	1697	-1.54	0.93	A2AJT4
Nrcam	____MQLKIMPKKKH	4	-1.56	0.77	Q99J36
Alb	LLRLAKKYEATLEK	376	-1.58	0.64	P63038
Nipsnap3b	EFRTYFLKPSKTNEF	45	-1.59	0.45	Q8BWF0
Crebbp	SHTHKMVKWGLGLDD	1745	-1.63	0.75	P08249

Sarnp	TEDTEAKKRKRAERF	200	-1.66	0.95	Q64433
Bod1l	RTSMVDSKPAAAVTC	1169	-1.67	0.75	Q9Z2Q6
Mapt	DLKNVRSKIGSTENL	551	-1.68	0.75	P56480
Usp14	MVKGGTLKDDDWGNI	54	-1.72	0.44	P20357
Aco2	KLTIQGLKDFAPGKP	730	-1.72	1.02	P08249
Mdh2	STPLLLGKKGLEKNL	296	-1.75	1.25	P26443
Kmt2d	IVGLPASKLGGPTLG	2713	-1.78	1.01	Q60972
Slc25a22	VTPEKAIKLAANDFF	83	-1.78	0.43	Q99N15
Hmgn5	VPFTPELKPKRASTS	33	-1.79	0.56	Q9DB20
Gapdh	EKYDNSLKIVSNASC	143	-1.81	1.05	Q8C605
Ywhah	AEVASGEKKNSVVEA	142	-1.82	0.96	P14152
Abcb8	TTDVQEFKSSFKLVI	245	-1.84	1.12	A0A0G2
Fahd2	IADPHNLKICCRVNG	233	-1.84	0.47	Q9JHW2
Atp1a3	PRNPKTDLVNLERLI	833	-1.85	0.92	Q9R1P0
Tst	YRALVSTKWLAESIR	14	-1.86	0.77	Q9CQQ7
Mdh1	ALEKYAKKSVKVIVV	122	-1.86	1.12	P05201
Aldoc	KDGADFAKWRCVLKI	147	-1.87	0.70	A2A813
Tuba4a	NAAIAAIKTKRSIQF	336	-1.90	0.76	P19096
Sucla2	VFSPEEAKAVSSQMI	129	-1.93	1.52	Q810U4
Glud1	ASEKQLTKSNAPRVK	390	-1.93	0.80	P07724
Sucla2	DEAYAIAKKLGSKDV	88	-1.97	0.75	B1AWZ5
Vdac3	PTYCDLGKAAKDVFN	12	-1.97	0.53	F8VPR5
Hist2h2bb	__MPDPAKSAPAPKK	6	-1.98	0.43	Q9D1J3
Uqcrc2	GLGLAGAKAKYRGGE	250	-2.01	1.05	E9Q6J5
Ndufa2	ASRAVGAKLGLREIR	13	-2.01	0.79	A0A0A0
Atp2b2	ASEIVLKKCKKILSG	589	-2.05	1.75	E9PYI8
	GGNKLALKTGIVAKK	125	-2.07	0.87	Q99KI0
Ahcy	___MSDKLPYKVAD	4	-2.09	0.44	P08249
Aldh5a1	YDPASGAKLGTVADC	74	-2.09	0.37	A0A0A0
Tuba1b	KFDLMYAKRAVHWY	401	-2.10	0.87	E9PV90
Idh3b	FAFDYATKKGRSKVT	206	-2.10	1.30	Q9JL35
Gstm1	KTIPEKMKLYSEFLG	136	-2.12	1.40	P16858
Hist1h2bb	PAPKKGSKKAISKAQ	16	-2.14	1.32	P68510
Usp14	ARQKVMVKG GTLKDD	49	-2.14	0.45	D3Z492
Usp14	GVQPARQKVMVKG GT	45	-2.14	0.45	Q3TC72
Slc4a4	LALVAVRKGM DYLF5	979	-2.15	1.53	Q6PIC6
Hdhd3	RLLTWDVKDTLIKLR	15	-2.16	1.56	P52196
Pcx	RLTSDSVKLAKQVGY	297	-2.22	1.69	P14152
Apoa1	AQRLAELKSNPTLNE	205	-2.22	0.47	P05063
Pdcd5	LSNLALVKPEKTKAV	63	-2.23	1.25	P68368
Hint1	CAADLGLKRGYRMVV	91	-2.23	0.83	Q9Z2I9
Aco2	EAQVGGEKDLRRAKD	138	-2.23	1.08	P26443
Adssl1	VKWVGVGKSRESMIQ	448	-2.30	0.86	Q9Z2I9
Acat1	GLTDVYNKIHMGNCA	187	-2.32	1.04	Q60931
Atox1	FNIDLPNKKVCIDSE	38	-2.32	1.09	Q64525

Ssbp1	DVAYQYVKKGARIFV	103	-2.34	1.15	Q9DB77
Pcp4l1	AALAIQGKFRRFQKR	55	-2.37	0.46	Q9CQ75
Ptms	AAAELSAKDLKEKKD	15	-2.38	1.27	S4R1C4
Slc4a4	LDDVIPEKDKKKKED	1000	-2.38	1.42	Q9D735
Snrpd2	___MSLLNKPSEMTP	6	-2.41	0.78	P50247
Ywhaz	QEAFEISKEMQPTH	157	-2.44	0.93	Q8BWF0
Eno1	QAVEHINKTIAPALV	71	-2.50	0.78	P05213
Ppif	GRVVLELKADVVPKT	66	-2.51	0.64	Q91VA7
Pdhb	KDIIFAVKKTLNI__	354	-2.53	0.36	P10649
Esd	___MALKQISSNRC	4	-2.53	1.52	Q64475
Ptms	___MSEKSVEAAAE	4	-2.57	1.28	E9PYI8
Slc4a4	DVIPEKDKKKKED	1002	-2.64	1.52	E9PYI8
Atp1b1	KFIWNSEKKEFLGRT	21	-2.66	0.93	A7E1Z5
Ptms	___MSEKSVEAAAE	4	-2.71	0.86	Q9CYW4
Card14	RLKEENEKLRSMTFS	273	-2.76	1.31	G5E8R3
Osbp19	RKKVETLKDTTNSMV	63	-2.93	1.00	Q00623
Nrgn	CTESACSKPDDDILD	11	-3.50	0.73	P56812
Fasn	CTIIPLMKRDHKDNL	786	-3.76	1.36	P70349
Sod2	FGSFEKFKEKLTAVS	132	-4.54	0.86	Q99KI0
H3f3a	PRKQLATKAARKSAP	24	-5.24	0.84	P28650
H3f3a	TGGKAPRKQLATKAA	19	-5.28	0.84	Q8QZT1
Ccdc86	SPQAPASKKLKEKEE	290	0.62	0.23	O08997
Tkt	QPTAIIAKTFKGRGI	241	0.62	0.36	Q8R2K3
Alcam	FLETDQLKKLGDCIS	152	0.62	1.87	Q6W8Q3
Rtn4	KLPSDTEKEDRSLTA	957	0.61	0.33	Q9D0J8
Gsr	AAVVESHKLGGTCVN	75	0.61	1.14	A7E1Z5
Map4	GSIASAQKPPAGKVQ	959	0.61	0.39	P62317
Ppp3r1	QLQQIVDKTIINADK	135	0.61	0.30	P63101
Ckmt1	TTDLDAKIRSGYFD	149	0.60	0.43	P17182
Hibadh	ELAKEVEKMGAVFMD	148	0.60	0.28	Q99KR7
Cldn11	SSSPTHAKSAHV___	203	0.60	0.70	Q9D051
40787	SLDLVTMKKLDSKVN	170	0.60	0.49	H3BJP2
Uqcrh	EHCEQLEKCVKARER	40	0.60	0.46	Q9D0J8
Bphl	KDAVDLMKALQFKQV	126	0.60	0.24	A7E1Z5
Sephs1	LTRFTELKGTGCKVP	27	0.59	1.30	P14094
Cnp	LARLILEKYHDGTKM	73	0.59	0.84	Q9D0J8
Gap43	SARQDEGKEDPEADQ	217	0.59	0.43	Q99KF0
Zfr	INFVGGNKLQSTGNK	509	0.59	0.30	Q5FWX7
Ndufs6	GYCGLQFKQH___	112	0.59	0.65	P60761
Vdac2	TFSPNTGKKSGKIKS	109	0.59	0.92	P19096
Psma1	AAEPAEKADPEMEH	256	0.59	0.57	P09671
Crebbp	EPEPTESKGEPRSEM	1015	0.59	0.39	E0CYN1
Hist1h2bk	KSAPAPKKGSKKAVT	13	0.59	0.25	E0CYN1

Supplementary Table 7.2 – SIRT2 KO versus WT mouse brain tissue proteome profiling

Gene name	Intensity	Student's T-test Difference KO_WT	-Log Student's T-test p- value KO_WT	Uniprot ID
Ly6h	7.7E+09	4.91	1.14	Q9WUC3
Flywch2	2.1E+08	4.31	1.49	Q9CQE9
Syng1	2.7E+08	4.19	2.11	O55100
Capzb	4.0E+08	4.12	1.71	P47757
Fam19a2	2.5E+08	3.80	1.84	Q7TPG7
Cmc4	1.4E+08	3.72	1.53	Q61908
Cuta	1.1E+09	3.70	1.71	D5MCW4
Ppat	8.4E+07	3.68	3.90	Q8CIH9
Hnrnpul1	7.3E+07	3.64	4.66	Q8VDM6
Cd59a	3.0E+08	-3.26	3.08	O55186
Slc9a6	1.4E+08	-3.40	2.48	A1L3P4
Ipo4	1.7E+09	-4.02	1.35	Q8VI75
Ndufa6	1.3E+09	-4.50	1.46	Q9CQZ5
Actb	3.6E+09	-5.29	1.70	P60710
Csde1	4.9E+09	-6.26	1.62	Q91W50
Sirt2	3.4E+09	-8.31	5.34	Q8VDQ8
Oxld1	3.0E+08	3.22	1.46	Q9CR10
Lypla1	2.3E+08	3.22	1.40	P97823
Eif3e	4.7E+07	3.15	2.34	P60229
Asns	2.5E+08	3.01	2.51	Q61024
Rbx1	2.8E+08	2.85	0.97	P62878
Sod3	1.3E+08	2.83	1.84	O09164
Fam213b	9.5E+07	2.75	1.79	Q9DB60
Scamp2	2.6E+08	2.67	0.81	Q9ERN0
Protein	3.9E+08	2.65	1.07	A2AMZ4
Qki	2.4E+08	2.64	1.43	Q9QYS9
Ada	1.1E+08	2.61	1.50	P03958
Cys1	1.4E+08	2.50	1.24	G3UZZ7
Ctnnbip1	2.1E+08	2.40	1.03	Q9JJN6
Tmeff1	9.5E+08	2.29	0.73	Q6PFE7
Car10	2.4E+08	2.28	1.57	E9Q2V1
Fah	1.6E+09	2.27	1.66	P35505
Decr1	2.9E+09	2.26	2.82	Q9CQ62
Pianp	2.4E+08	2.17	1.18	Q6P1B3
Rsrc2	7.2E+07	2.17	1.91	S4R2L4
Grp	5.6E+07	2.13	1.19	Q8R1I2
Nfya	1.7E+08	2.10	1.22	F6TWX0

Rnaset2	1.3E+08	2.08	0.79	Q9CQ01
Glb1	8.4E+07	2.07	0.90	P23780
Tmem109	2.0E+09	2.06	0.58	D3Z7P2
Myadm	7.7E+08	2.06	0.83	O35682
Plscr3	2.4E+08	2.05	0.74	Q9JIZ9
Cdadcl	1.6E+07	2.03	1.48	Q8BMD5
Zbtb18	1.0E+08	2.03	0.80	A0A0A6YY33
Rpl13	3.8E+08	2.02	0.92	P47963
Nipsnap3b	3.1E+08	2.02	1.24	Q9CQE1
	1.0E+08	2.01	1.59	Q5EBG8
Rtn1	1.5E+09	1.99	0.48	Q7M6W1
Ids	8.5E+07	1.97	1.65	Q08890
Pla2g15	5.1E+08	1.97	0.92	Q8VEB4
Eif2a	5.8E+07	1.89	0.72	Q8BJW6
Gnpda1	6.8E+08	1.84	2.20	O88958
Cstf2	2.7E+08	1.82	0.74	A2AEK3
Fahd1	3.4E+08	1.80	1.16	Q8R0F8
Acly	1.4E+09	-0.18	0.62	Q3V117
Tfam	6.5E+07	1.80	1.99	P40630
Irs2	5.2E+07	1.79	0.91	P81122
Tef	2.9E+07	1.78	1.55	Q9JLC6
Tmem41a	8.8E+07	1.75	0.73	Q9D8U2
Dkc1	7.2E+07	1.73	1.48	Q9ESX5
Prdx2	3.2E+10	1.71	1.77	Q61171
Nqo2	5.8E+07	1.69	1.44	Q9JI75
Cald1	5.3E+07	1.68	1.35	Q8VCQ8
Pycrl	2.1E+09	1.67	1.06	Q9DCC4
Luzp2	4.7E+07	1.67	0.96	Q8BGY3
Ndufaf2	3.2E+08	1.67	0.82	Q59J78
Capns1	2.3E+08	1.67	0.60	D3YW48
Arf6	1.5E+08	1.66	0.82	P62331
Gatc	1.3E+09	1.66	0.39	Q8CBY0
Gnai3	8.5E+07	1.65	1.25	Q9DC51
Ube2v1	2.6E+08	1.61	2.19	Q9CZY3
Atn1	1.7E+08	1.61	1.11	O35126
Mesdc2	1.9E+08	1.60	0.79	Q9ERE7
Gc	8.5E+08	1.57	0.81	P21614
Ric3	1.7E+08	1.55	0.85	D3YTZ9
Gnpda2	2.9E+08	1.55	0.86	Q9CRC9
Nhp2	4.9E+07	1.54	1.06	Q9CRB2
Kcnd3	2.9E+07	1.51	1.38	Q9Z0V1
Ppp1cc	5.9E+08	1.50	0.51	P63087
Hsdl2	4.9E+07	1.50	0.96	Q2TPA8
Hagh	1.6E+09	1.49	2.80	G5E8T9

Rpl18	4.3E+08	1.48	0.58	P35980
Casp3	1.5E+08	1.47	0.98	P70677
Cbx5	4.9E+07	1.46	1.50	Q61686
Rai1	3.7E+07	1.46	0.91	Q61818
Pfdn5	2.0E+08	1.45	1.18	Q9WU28
Crebbp	1.6E+07	1.44	2.79	F8VPR5
Mzt1	2.7E+08	1.43	1.17	Q8BUR9
Timm44	1.6E+08	1.43	0.56	O35857
Chrm1	5.6E+07	1.43	0.49	P12657
Gpx3	1.6E+08	1.42	1.68	D3Z2Y7
Slc7a5	2.9E+08	1.42	0.42	Q9Z127
Mocs2	1.9E+08	1.41	0.73	Q9Z223
Cox19	2.1E+08	1.41	0.74	Q8K0C8
Smpx	2.1E+08	1.40	0.88	Q9DC77
Magee1	6.0E+07	1.40	1.25	Q6PCZ4
Tbc1d15	5.7E+07	1.39	1.31	Q9CXF4
Lypd6	2.8E+08	1.38	0.71	Q8BPP5
Pgam2	4.8E+08	1.38	1.69	O70250
Mt1	5.3E+07	1.38	0.99	P02802
Nudt13	9.6E+07	1.38	0.65	Q8JZU0
Hapln2	1.8E+08	1.37	1.32	Q9ESM3
Txnrd1	1.1E+09	1.37	0.72	Q9JMH6
Ly6e	6.1E+08	1.37	0.45	A0A087WQ65
Mgll	3.3E+07	1.36	0.79	O35678
H2afv	2.9E+08	1.36	0.58	Q3THW5
Prdx4	7.1E+09	1.36	2.10	O08807
Rps15a	1.8E+08	1.36	0.64	P62245
Snrpa1	7.2E+07	1.35	1.47	P57784
Arl6ip1	5.2E+08	1.34	0.47	Q9JKW0
Svip	3.2E+09	1.34	1.23	Q3UZP4
Ncam1	2.1E+09	1.33	0.31	E9QB01
Csdc2	4.6E+08	1.33	0.36	Q91YQ3
Gpr56	6.0E+07	1.32	1.16	Q8K209
Nme1	1.1E+09	1.32	0.38	P15532
Ppp4c	2.8E+08	1.32	1.37	P97470
Erh	2.5E+09	1.32	0.73	P84089
Col4a2	4.8E+07	1.31	1.06	P08122
Banf1	1.3E+09	1.29	0.81	O54962
Tsn	1.1E+09	1.29	1.11	Q62348
Tsnax	3.9E+08	1.28	1.89	Q9QZE7
Ggt1	3.3E+08	1.28	1.18	Q60928
Plbd2	6.5E+08	1.28	1.89	Q3TCN2
Syf2	4.5E+08	1.27	0.51	Q9D198
Rpl31	1.0E+08	1.27	0.52	P62900

Ppp1r14b	1.0E+09	1.27	0.92	Q62084
Ddt	3.5E+09	1.26	1.26	O35215
Wbp2	6.2E+07	1.26	0.62	A2A860
Clstn1	1.2E+08	1.25	0.55	Q9EPL2
Casc3	3.4E+08	1.24	1.21	Q8K3W3
Slc2a13	1.7E+08	1.24	0.57	Q3UHK1
Opcml	3.5E+09	1.24	0.34	Q6DFY2
Myl6b	5.8E+08	1.23	0.71	Q8CI43
D10Wsu102e	6.7E+07	1.23	0.68	Q9CX66
Mbp	2.1E+10	1.22	1.16	F6VME3
Fam104a	4.4E+07	1.22	0.56	A2A6P4
Serinc5	3.2E+08	1.22	0.46	Q8BHJ6
Lsm3	4.2E+08	1.22	2.04	P62311
Gda	9.5E+09	1.22	0.91	Q9R111
Vcp	2.5E+10	1.21	2.05	Q01853
Dph3	1.1E+08	1.21	0.57	Q8K0W9
Pithd1	5.4E+08	1.21	0.70	Q8BWR2
Aldh1b1	1.1E+08	1.21	0.63	Q9CZS1
Akt1s1	1.1E+09	1.21	1.43	Q9D1F4
Ndufc2	6.0E+08	1.20	2.08	Q9CQ54
Pvrl3	7.0E+08	1.20	0.99	Q9JLB9
Kcnc2	4.7E+07	1.19	0.65	Q14B80
Nsdhl	1.2E+07	1.19	2.19	Q9R1J0
Scn3b	2.5E+08	1.18	0.50	Q8BHK2
Cend1	9.9E+09	1.17	1.05	Q9JKC6
Qtrt1	4.3E+07	1.17	0.56	Q9JMA2
Lcp1	6.3E+08	1.17	0.85	Q61233
Set	1.1E+09	1.17	0.86	A2BE93
Susd2	2.6E+08	1.17	1.45	Q9DBX3
Spry4	6.1E+07	1.16	1.31	Q9WTP2
Gria2	5.7E+08	1.16	0.41	E9QKC0
Eci1	1.8E+09	1.15	0.66	P42125
Peg3	7.5E+08	1.15	1.41	Q3URU2
Lsm5	1.2E+09	1.15	0.98	P62322
Pcnp	5.4E+09	1.15	1.58	Q6P8I4
Ndfip2	5.7E+08	1.14	0.82	Q91ZP6
Med29	5.3E+07	1.14	0.70	Q9DB91
Vat1	2.7E+09	1.14	1.30	Q62465
Hspb1	3.2E+08	1.14	0.49	P14602
Cfi	2.0E+08	1.13	0.84	Q61129
Ermp1	7.6E+08	1.13	1.52	Q3UVK0
Hexa	1.7E+08	1.12	0.24	P29416
Scp2	7.1E+09	1.12	1.89	P32020
Atg13	3.2E+07	1.12	1.53	Q91YI1

Paip1	1.1E+08	1.12	0.66	F6Y616
Ddrk1	7.6E+08	1.10	0.81	Q80WW9
Thbd	5.2E+07	1.10	1.25	P15306
Rps21	8.3E+09	1.10	1.23	Q9CQR2
Asph	4.0E+08	1.10	0.35	A2AL83
Vkorc1l1	2.7E+08	1.10	1.24	Q6TEK5
Aspa	6.4E+08	1.10	1.47	Q8R3P0
Stx8	2.0E+09	1.09	1.15	O88983
Ech1	5.8E+07	1.08	0.52	O35459
Aamdc	7.8E+08	1.08	2.35	Q8R0P4
Prdx3	1.8E+10	1.08	1.01	P20108
Csnk2a2	8.6E+07	1.08	0.75	O54833
Adsl	5.7E+08	1.07	1.54	P54822
Ndufs8	1.5E+09	1.06	0.67	Q8K3J1
Aimp1	1.7E+08	1.06	0.77	P31230
Hint1	1.2E+10	1.06	2.08	P70349
Prdx1	2.3E+10	1.05	1.64	P35700
Psemb10	7.0E+07	1.05	0.65	O35955
Apoh	1.1E+08	1.05	0.80	Q01339
Dad1	4.7E+08	1.05	0.37	P61804
Vdac3	9.6E+09	1.05	1.43	Q60931
Ca1	5.7E+07	1.05	0.79	P13634
Ablim1	1.3E+08	1.05	1.90	E9Q9C4
D10Jhu81e	3.9E+09	1.05	0.81	Q9D172
Thumpd1	6.2E+07	1.04	0.37	Q99J36
Acp1	2.2E+08	1.04	0.52	Q9D358
Gypc	3.8E+08	1.04	0.58	F7D1I5
Fam122a	4.1E+08	1.03	1.13	Q9DB52
Hdgfrp3	6.8E+09	1.03	0.83	Q9JMG7
Sf3b5	1.8E+08	1.03	0.55	Q923D4
Bap18	1.6E+08	1.03	0.95	Q9DCT6
Rps8	6.9E+08	1.02	3.15	P62242
Map1lc3b	4.3E+08	1.02	0.51	Q9CQV6
Vcl	1.9E+09	1.02	0.70	Q64727
Fam195a	4.0E+07	1.02	0.66	Q9CQB2
Ly6a	3.5E+08	1.02	0.41	P05533
Smarce1	3.6E+07	1.01	0.50	O54941
Tpmt	2.4E+07	1.01	0.49	O55060
Acot7	2.0E+10	1.01	1.10	Q91V12
Ncs1	3.4E+09	1.01	0.80	Q8BNY6
Cd47	1.2E+10	1.01	0.80	Q61735
Ppp6r1	4.2E+07	1.00	1.86	Q7TSI3
Exog	4.9E+09	1.00	1.49	Q8C163
Fkbp2	1.0E+09	1.00	1.09	P45878

Slc7a1	5.6E+07	1.00	0.51	Q09143
Ttbk1	9.0E+07	0.99	0.51	Q6PCN3
Btf3	8.3E+08	0.99	1.17	Q64152
Nptx1	2.5E+09	0.99	2.58	Q62443
C78339	1.6E+07	0.98	0.89	Q3URQ4
Stxbp5l	5.1E+08	0.98	1.74	Q5DQR4
Hpx	8.6E+09	0.98	1.36	Q91X72
Tardbp	2.7E+08	0.98	0.58	Q921F2
Abcb10	1.2E+07	0.98	1.04	Q9JI39
Ppm1h	9.8E+07	0.98	0.48	Q3UYC0
Adpgk	6.7E+07	0.97	0.70	Q8VDL4
Lrrc4b	5.8E+08	0.97	0.81	P0C192
Hdhd2	8.9E+08	0.97	0.90	Q3UGR5
Ntmt1	4.1E+06	0.97	0.57	A0A0A6YXY1
Fam195b	5.4E+09	0.97	2.22	Q3UGS4
Fat3	2.0E+08	0.96	0.89	E9QK16
Ctnn	2.4E+10	0.96	1.88	Q60598
Cxadr	1.8E+09	0.96	0.77	P97792
Max	2.5E+08	0.96	0.68	B2RS19
Scrn3	9.0E+07	0.96	0.59	Q3TMH2
Apoa4	3.5E+09	0.96	1.29	P06728
Arfgap2	5.5E+07	0.96	1.16	Q99K28
Isyna1	5.3E+08	0.95	1.86	Q9JHU9
Lysmd2	9.5E+08	0.95	0.86	G3X915
Aifm3	6.5E+07	0.95	0.54	Q3TY86
Apoc1	3.0E+08	0.95	0.27	P34928
Scaf11	6.8E+07	0.95	0.63	E9PZM7
Ufc1	2.1E+08	0.95	0.27	Q9CR09
Skp1	4.8E+09	0.95	1.19	Q9WTX5
Tpm1	1.8E+10	0.95	0.71	G5E8R1
Gpt	2.3E+09	0.95	0.92	Q8QZR5
Nptxr	2.8E+09	0.95	4.58	F7BX42
Plxnb1	1.0E+08	0.94	0.53	Q8CJH3
Fdx1l	9.1E+08	0.94	1.52	Q9CPW2
Enpp4	1.9E+08	0.94	0.54	Q8BTJ4
Nacad	3.5E+08	0.94	2.39	Q5SWP3
Eps8	4.2E+07	0.93	0.51	Q08509
Lym4	1.1E+08	0.93	0.67	Q8K215
Megf9	8.9E+08	0.93	2.01	Q8BH27
Hmgn2	3.6E+07	0.92	0.42	A3KGL9
Wipf2	3.5E+09	0.92	1.22	Q6PEV3
Rpl35	2.2E+08	0.91	0.30	Q6ZWV7
Vgll4	1.0E+08	0.91	0.56	Q80V24
Akap7	1.5E+09	0.91	1.13	O55074

Brk1	4.1E+09	0.91	0.78	Q91VR8
Rbm3	2.1E+09	0.91	0.83	Q8BG13
Pvalb	8.3E+10	0.91	0.97	P32848
Snca	2.1E+11	0.90	0.81	O55042
Itm2b	2.2E+08	0.90	0.94	O89051
Lrtm2	2.4E+08	0.90	1.06	Q8BGX3
Ly6c1	9.2E+08	0.90	0.57	A0A087WRP7
Acot8	9.0E+08	0.90	0.76	P58137
Wash1	8.4E+07	0.90	0.70	Q8VDD8
Vdac1	5.3E+10	0.90	0.85	Q60932
Pddc1	1.0E+09	0.90	1.49	Q8BFQ8
Eps8l2	4.3E+08	0.90	1.42	Q99K30
Dgcr14	8.8E+07	0.90	0.45	O70279
Evi2a	1.0E+09	0.90	0.80	P20934
Ptprz1	2.4E+10	0.89	2.23	B9EKR1
Bcap29	1.1E+09	0.89	0.70	Q61334
Smarca2	8.7E+07	0.89	1.89	H3BJK2
Inf2	6.4E+07	0.89	0.83	E9QLA5
GlrX	7.8E+09	0.88	3.42	Q9QUH0
Enpep	2.0E+08	0.88	1.46	P16406
Actr2	3.7E+09	-0.19	0.50	P61161
Pdpd1	3.4E+08	0.88	1.70	Q9CR37
Mycb	6.2E+07	0.88	0.64	Q6P8Z1
Col25a1	1.9E+08	0.87	1.08	V9GWX5
Lactb2	2.1E+08	0.87	0.77	Q99KR3
Nebi	2.6E+09	0.86	1.16	Q9DC07
Saraf	6.9E+07	0.86	0.89	Q8R3Q0
Snrpc	1.1E+09	0.86	1.01	Q62241
Ighm	1.0E+08	0.86	0.33	P01872
Taf9b	7.7E+06	0.86	1.08	Q6NZA9
Naca	8.1E+09	0.86	0.80	P70670
Ufm1	1.8E+09	0.85	0.18	P61961
Ctsl	6.8E+08	0.85	0.84	P06797
Bcar1	7.0E+07	0.85	0.50	Q61140
Ybx3	1.2E+09	0.85	1.00	Q9JKB3
Diras1	8.9E+07	0.85	0.48	Q91Z61
Pdyn	2.0E+08	0.85	0.58	O35852
Creld1	6.9E+08	0.84	1.71	Q91XD7
Mat2b	2.6E+08	0.84	1.11	Q99LB6
Pspc1	2.4E+08	0.84	1.20	Q8R326
Tdrp	5.2E+08	0.84	0.78	Q8C5P7
Mug1	4.3E+08	0.84	1.85	P28665
Bcas1	1.7E+09	0.84	0.62	F7BNZ5
Tacc1	3.7E+08	0.84	1.82	Q6Y685

Bet1	8.2E+08	0.84	1.36	O35623
Tmcc2	8.5E+08	0.83	2.71	Q80W04
Atp6ap1	2.4E+08	0.83	1.73	Q9R1Q9
Rpl13a	1.6E+08	0.83	0.60	P19253
Pkia	1.3E+10	0.83	1.51	P63248
Ago2	6.9E+07	0.82	0.33	Q8CJG0
Rfxap	8.7E+07	0.82	0.71	Q8VCG9
Clns1a	9.3E+08	0.82	1.06	Q923F1
Uri1	3.0E+07	0.82	0.89	Q3TLD5
Nup62	5.1E+08	0.82	0.53	Q63850
Nfia	1.7E+08	0.82	0.41	B1AUB9
Col1a2	1.8E+08	0.82	0.26	Q01149
Cnot1	4.0E+07	0.81	0.91	B7ZWL1
Apoa2	5.6E+09	0.81	1.20	P09813
Hist1h1e	2.1E+09	0.81	0.69	P43274
Vdac2	1.7E+10	0.81	1.37	Q60930
Tmub1	4.5E+08	0.81	0.79	D3Z108
Eif4b	1.5E+10	0.81	0.97	Q8BGD9
Echdc1	1.2E+09	0.80	0.63	Q9D9V3
Ca4	2.2E+09	0.80	1.27	Q64444
Ddx3x	1.3E+08	0.80	0.23	Q62167
Dcc	3.8E+07	0.80	1.18	P70211
Nckipsd	5.2E+07	0.80	0.35	Q9ESJ4
Fth1	9.7E+08	0.80	0.74	P09528
Mmgt1	5.2E+08	0.80	0.53	Q8K273
Hapln4	1.1E+08	0.80	0.45	Q80WM4
Psemb8	3.2E+08	0.80	1.15	P28063
Wbp11	7.6E+08	0.80	0.86	Q923D5
Arsa	2.8E+09	0.80	0.54	P50428
Ubap1	2.4E+07	0.80	1.34	Q8BH48
Plip	2.3E+09	0.79	0.27	Q9DCU2
Enah	4.6E+08	0.79	1.30	A0A0A6YW06
Pgam1	3.1E+10	0.79	1.31	Q9DBJ1
Ank3	6.6E+07	-0.06	0.03	A0A087WNU5
Negr1	3.7E+10	0.79	1.01	D3Z4T6
Hmbs	7.4E+08	0.79	1.48	P22907
Rpl7	5.3E+08	0.79	0.84	P14148
Cdc37	7.7E+08	0.79	1.32	Q61081
Mtap	6.1E+09	0.78	1.77	Q9CQ65
Pcdh1	1.9E+09	0.78	0.32	Q8CFX3
Myt1l	6.1E+07	0.78	0.33	E9QLD2
Agrn	3.0E+08	0.78	0.98	M0QWP1
S100a16	6.4E+08	0.78	0.99	Q9D708
Cd82	4.2E+09	0.78	0.94	P40237

Nedd8	9.7E+09	0.78	0.90	P29595
Ppap2b	3.2E+09	0.78	1.07	Q99JY8
Golga7	1.1E+08	0.77	0.47	Q91W53
Hexim1	6.0E+08	0.77	0.72	Q8R409
Snrpd1	3.6E+09	0.77	0.86	P62315
Ndufs7	2.7E+08	0.77	0.17	Q9DC70
Lingo2	1.6E+08	0.77	0.55	Q3URE9
Carkd	4.0E+09	0.77	1.78	J3QMM7
Ddx17	1.8E+08	0.76	0.31	Q501J6
Uqcr10	2.4E+09	0.76	0.72	Q8R1I1
Rbm33	4.1E+07	0.76	1.22	Q9CXK9
Fis1	3.5E+09	0.76	0.23	Q9CQ92
Maged1	7.5E+08	0.76	1.18	Q9QYH6
Fam65a	1.0E+07	0.76	1.29	Q68FE6
Timm9	3.2E+09	0.76	1.44	Q9WV98
Nt5c2	7.2E+07	0.76	0.94	Q3V1L4
Me3	1.2E+09	0.76	0.36	Q8BMF3
Prr36	1.4E+09	0.75	1.51	E9PV26
Nes	7.3E+07	0.75	0.35	Q6P5H2
Rtn4rl2	9.0E+07	0.75	0.49	Q7M6Z0
Ppp6c	2.0E+09	0.75	1.38	Q9CQR6
Cnst	4.4E+08	0.75	1.27	Q8CBC4
Cdv3	1.4E+10	0.74	0.86	Q4VAA2
Ociad2	5.8E+08	0.74	1.25	Q9D8W7
P4hb	1.9E+09	0.74	1.61	P09103
Mboat7	1.7E+08	0.74	0.62	Q8CHK3
Bax	2.1E+08	0.74	0.51	Q07813
Reep1	2.1E+08	0.74	0.26	Q8BGH4
Slc39a10	1.3E+09	0.74	0.85	Q6P5F6
Arpin	2.2E+08	0.73	0.61	Q9D0A3
Hectd3	3.0E+07	0.73	0.55	Q3U487
Ca14	3.2E+08	0.73	0.35	Q9WVT6
Cops8	8.6E+08	0.73	1.42	Q8VBV7
Rer1	2.0E+09	0.73	0.80	Q9CQU3
Galns	5.3E+08	0.72	0.94	Q571E4
Sorbs1	2.1E+08	0.72	0.81	Q62417
Vamp2	1.4E+11	0.72	0.75	P63044
Pvr	6.5E+08	0.72	1.08	Q8K094
Map7d1	1.1E+08	0.72	0.32	A8Y5P4
Mea1	1.6E+09	0.72	0.31	Q64327
Lemd3	1.8E+08	0.72	1.46	D3YU56
Got2	5.7E+10	0.72	0.83	P05202
Dpp6	1.1E+08	0.72	0.27	Q80VM5
Pdap1	8.3E+09	0.72	2.11	Q3UHX2

Taf10	4.0E+08	0.71	1.51	Q8K0H5
Bag4	3.1E+08	0.71	1.10	Q8CI61
Armcx4	8.3E+07	0.71	0.66	E9PWM3
Sra1	3.0E+08	0.71	0.56	G3X8R2
Smc1a	9.4E+06	0.71	0.51	Q9CU62
Naa30	7.5E+07	0.71	0.60	Q8CES0
	1.2E+08	0.71	0.51	Q80X32
Hn1	7.4E+09	0.71	0.43	P97825
Necap1	8.2E+08	0.71	1.59	Q9CR95
Trap1	1.9E+08	0.71	0.63	Q9CQN1
Mdp1	9.2E+07	0.71	0.42	Q9D967
Clptm1	2.7E+08	0.70	0.57	Q8VBZ3
Ank3	4.3E+08	-0.36	0.62	S4R2K9
Bcat1	3.2E+09	0.70	0.86	Q8CBC8
Hmg20a	1.1E+08	0.70	0.50	Q9DC33
Dmtn	6.1E+09	0.70	1.49	Q9WV69
Ppp1r11	3.2E+09	0.70	0.37	G3UZ30
Samm50	5.5E+09	0.70	1.63	Q8BGH2
Lzic	1.8E+09	0.70	0.53	Q8K3C3
Ncstn	2.7E+08	0.70	1.22	P57716
Khsrp	4.5E+10	0.69	1.68	Q3U0V1
Slc9a3r2	3.2E+09	0.69	1.29	Q9JHL1
Slc29a1	2.0E+08	0.69	0.22	E9PWY7
Rpl8	1.1E+08	0.69	0.33	P62918
Ltbp4	3.9E+08	0.69	0.70	D3Z598
Npc2	1.1E+09	0.69	0.48	Q9Z0J0
Ncam1	2.6E+08	0.69	0.45	A0A0A6YY47
Ago1	8.7E+08	0.69	0.95	Q8CJG1
Ndufs4	1.6E+09	0.69	0.36	E9QPX3
Phb	4.1E+09	0.69	3.14	P67778
Eci2	1.4E+08	0.69	0.80	E9PUY9
Grcc10	1.8E+09	0.69	1.54	O35127
Kcnmb4	1.8E+08	0.69	0.73	F6TJT3
Tmem9	5.8E+08	0.69	0.48	Q9CR23
Creb1	8.8E+08	0.68	0.92	Q01147
Manba	2.6E+08	0.68	0.49	Q8K2I4
Lmnbl	1.7E+08	0.68	0.17	P14733
Smarcc2	4.7E+07	0.68	0.50	Q3UID0
Nit1	4.5E+08	0.68	0.77	Q8VDK1
Gng4	1.1E+10	0.68	1.17	P50153
Man2c1	6.5E+07	0.68	0.47	E9PYM7
Dpp7	6.3E+07	0.68	0.46	Q9ET22
	5.3E+08	0.68	0.64	Q9D735
Folr1	3.5E+08	0.68	0.67	P35846

Hmga1	3.6E+09	0.68	1.01	P17095
Snrpb	1.5E+09	0.68	0.61	P27048
Ccdc115	3.3E+08	0.68	0.59	Q8VE99
Ep400	5.0E+07	0.68	1.24	Q8CHI8
Rpp30	8.5E+07	0.68	0.37	O88796
Hexb	2.9E+09	0.68	1.76	P20060
Atp6v1f	1.2E+09	0.68	1.28	Q9D1K2
Hist1h4a	8.3E+08	0.67	1.15	P62806
Aldh3a2	1.6E+08	0.67	1.09	P47740
Apod	2.8E+09	0.67	0.52	P51910
Sdc3	3.3E+09	0.67	0.57	Q64519
Sgsm1	5.3E+07	0.67	0.73	D3Z7V4
Ss18l1	2.8E+08	0.67	1.40	Q8BW22
Snurf	8.3E+07	0.67	0.61	Q9WU12
Nudt16	4.6E+07	0.67	0.45	Q6P3D0
Clec2l	3.3E+08	0.66	0.68	P0C7M9
Dcun1d3	7.1E+07	0.66	0.46	Q8K0V2
Stmn1	6.7E+10	0.66	1.64	P54227
Tmeff2	6.9E+08	0.66	0.72	Q9QYM9
Gtf2f1	5.4E+07	0.66	0.74	Q3THK3
Txndc17	1.6E+09	0.66	0.54	Q9CQM5
Susd5	4.2E+08	0.66	0.88	G3UW60
Fn3k	7.6E+07	0.66	0.29	Q6P264
Pgls	4.1E+08	0.66	1.25	Q9CQ60
Map2	2.1E+08	0.66	0.23	G3UZE9
Bcl2l13	2.4E+08	0.66	1.23	P59017
Dlgap4	2.4E+08	0.65	0.74	B7ZNS2
Arhgdia	1.0E+10	-0.68	3.17	Q99PT1
Nhsl2	9.8E+07	0.65	0.24	E9Q0V6
Sparcl1	4.5E+09	0.65	1.80	P70663
Pex14	1.1E+09	0.65	1.31	Q9R0A0
Fabp7	1.7E+09	0.65	0.51	P51880
Opcml	3.8E+10	0.65	0.90	G5E8G3
Nolc1	9.6E+08	0.65	0.90	E9Q5C9
Rras2	1.7E+07	0.65	0.39	P62071
Cbl	4.8E+07	-0.95	0.73	P22682
Caap1	2.9E+08	0.65	0.70	Q8VDY9
Fam107a	1.3E+08	0.65	0.31	Q78TU8
Zranb2	1.8E+09	0.64	0.41	D3Z4U0
Scn4b	1.2E+09	0.64	0.46	Q7M729
Pzp	1.7E+09	0.64	1.20	D3YW52
Sncb	1.6E+11	0.64	1.49	Q91ZZ3
Fxn	4.2E+08	0.64	0.37	O35943
Shisa9	3.5E+08	0.64	0.90	Q9CZN4

Casc4	3.0E+09	0.64	1.22	Q6P2L7
Sod2	8.8E+10	0.64	0.77	P09671
Ptrhd1	1.2E+08	0.64	0.30	D3Z4S3
Arsb	2.8E+09	0.64	2.05	P50429
Serinc3	2.8E+08	0.64	0.19	Q9QZI9
Mrpl41	2.4E+08	0.64	0.69	Q9CQN7
Ncan	1.4E+10	0.63	1.07	P55066
Nucb2	1.7E+09	0.63	1.00	P81117
Pltp	6.5E+07	0.63	1.14	A2A5K2
Glr2	2.8E+08	0.63	0.94	Q923X4
Tenm3	4.1E+07	0.63	0.36	G3X907
Uqcfrs1	9.8E+09	0.63	0.44	Q9CR68
Tagln2	2.3E+09	0.63	0.89	Q9WVA4
Crh	5.7E+07	0.63	0.39	Q8CIT0
Clip1	4.2E+09	0.44	0.96	D3Z2Z1
Cpox	2.1E+08	0.62	0.88	P36552
Man2b1	6.3E+08	0.62	0.92	O09159
Cmpk1	1.3E+09	0.62	1.28	Q9DBP5
Praf2	2.4E+09	0.62	0.58	Q9JIG8
Pam	2.0E+09	0.62	0.56	P97467
Coa6	2.7E+09	0.62	0.76	Q8BGD8
Pcdh1	1.5E+10	0.62	0.73	F7BJK1
Arhgdib	1.3E+08	0.62	0.19	Q61599
Aak1	4.5E+09	0.62	1.59	Q3UHJ0
Epdr1	5.2E+09	0.62	0.77	Q99M71
Cntfr	9.6E+08	0.62	0.94	O88507
Eif3g	4.5E+07	0.62	0.60	Q9Z1D1
Tmsb15b1	3.5E+09	0.61	0.71	A2AF33
haemaglobin	2.6E+11	0.61	0.87	Q91VB8
Cth	1.1E+09	0.61	0.52	Q8VCN5
Bcas1	3.9E+10	0.61	0.57	Q80YN3
Synrg	3.8E+09	0.61	1.24	V9GXD9
Kxd1	1.2E+10	0.61	0.83	E9Q4P0
Serpina3k	1.3E+09	0.61	1.08	P07759
Faim2	2.5E+09	0.61	0.97	Q8K097
Pex19	4.7E+09	0.61	1.28	Q8VCI5
Cygb	6.8E+08	0.61	0.56	Q9CX80
Ccdc58	3.0E+09	0.61	1.73	Q8R3Q6
G3bp1	1.6E+08	0.61	0.80	P97855
Map7	2.5E+08	0.60	0.62	E9QMU3
Yap1	6.3E+08	0.60	1.11	P46938
Asah2	1.7E+08	0.60	0.39	Q9JHE3
Acox1	7.0E+09	0.60	1.24	Q9R0H0
Tceb2	7.3E+07	0.60	0.78	P62869

Klc1	2.1E+08	0.60	0.35	Q5UE59
Gm20425	3.7E+10	0.60	1.09	E9Q035
Hopx	2.6E+08	0.60	0.39	Q8R1H0
Afm	4.8E+08	0.60	0.80	O89020
Bak1	4.5E+07	0.60	0.31	O08734
Rftn2	1.8E+08	0.60	0.67	Q8CHX7
Ccdc88a	6.2E+07	0.59	0.70	Q5SNZ0
Protein	6.3E+07	0.59	0.24	Q8K1L6
Gm20604	5.4E+08	0.59	0.33	F8WIA3
F8a	4.1E+07	0.59	0.63	Q9JJQ6
Elp4	2.6E+08	0.59	1.02	Q9ER73
Abi2	5.2E+08	0.59	0.62	P62484
Gng7	2.8E+09	0.59	0.43	Q61016
Usp15	6.0E+07	0.59	0.43	Q8R5H1
Tspan8	2.9E+08	0.59	0.99	Q8R3G9
Ewsr1	3.9E+09	0.59	1.08	Q5SUT0
Nr3c1	9.8E+07	0.59	0.76	E9PUR6
Hist1h1b	5.5E+08	0.59	0.61	P43276
Myl3	1.9E+09	0.59	0.14	A0A0G2JDM3
Saysd1	3.2E+08	0.59	0.75	Q8K190
Cda	7.2E+08	0.58	0.77	P56389
Atp5d	4.4E+09	0.58	0.48	Q9D3D9
Clta	4.8E+10	0.58	0.96	B1AWE0
Eif1	2.5E+09	0.58	1.63	P48024
Cplx2	5.3E+10	0.58	0.66	P84086
Mzt2	2.5E+08	0.58	0.72	Q9CQ25
Ankrd17	7.2E+07	0.58	0.53	E9QKG6
Sirpa	1.7E+09	0.58	0.11	E0CYM8
Endod1	2.0E+09	0.57	1.26	Q8C522
Atrn	4.3E+08	0.57	0.81	Q9WU60
Itgb1	2.5E+09	0.57	0.80	P09055
Igf2r	1.7E+08	0.57	0.75	Q07113
	2.0E+08	0.57	0.71	Q9D727
Cox17	2.6E+09	0.57	0.45	P56394
Lbh	1.3E+09	0.57	0.35	Q9CX60
Pdxk	2.2E+09	0.57	1.64	Q8K183
Psmb3	2.8E+10	0.57	0.67	Q9R1P1
Mapre2	1.1E+09	0.57	0.51	D3YYK8
Atp1b3	4.4E+08	0.57	0.95	P97370
Itgb2	4.1E+08	0.57	0.54	Q542I8
Synj2bp	3.0E+09	0.56	0.79	Q9D6K5
Gsr	1.2E+10	0.56	1.05	P47791
Scamp1	1.7E+10	0.56	0.87	Q8K021
Akr1b10	1.6E+08	0.56	0.37	G5E895

S100a13	6.2E+09	0.56	0.91	P97352
Nol3	9.5E+09	0.56	0.55	Q9D1X0
Ctps2	7.0E+07	0.56	0.32	P70303
Timm10b	3.7E+08	0.56	0.71	Q9WV96
Hspa1a	1.5E+08	0.56	0.47	Q61696
Chchd6	3.1E+09	0.56	0.80	E9Q4M4
Basp1	2.0E+11	0.56	0.50	Q91XV3
Lgals1	1.0E+09	0.56	1.50	P16045
Cd93	1.2E+08	0.56	0.55	O89103
Phlpp1	2.9E+07	0.55	0.42	Q8CHE4
Itgam	4.7E+08	0.55	0.79	G5E8F1
Cplx3	2.4E+09	0.55	0.23	Q8R1B5
Abhd10	1.0E+09	0.55	0.73	Q6PE15
Apoc3	1.3E+09	0.55	0.34	P33622
Prdx5	1.3E+10	0.55	0.97	P99029
Fip1l1	4.0E+08	0.55	0.75	Q9D824
Ube2e3	7.9E+06	0.55	0.41	B2FDH7
Bri3bp	2.5E+09	0.55	0.65	Q8BXV2
Jam3	2.2E+08	0.55	0.86	Q9D8B7
lws1	5.3E+07	0.55	0.30	Q8C1D8
Slc30a10	3.9E+07	0.55	0.49	Q3UVU3
Gas1	5.4E+07	0.55	0.53	Q01721
Lsamp	5.6E+10	0.55	2.30	Q3TYE5
G3bp2	2.5E+08	0.54	0.86	P97379
Fam134c	7.0E+07	0.54	0.31	Q9CQV4
Timm8a1	1.3E+10	0.54	1.57	Q9WVA2
Add1	8.8E+09	0.54	1.04	Q9QYC0
Hapln1	7.4E+08	0.54	0.25	Q9QUP5
Anp32e	7.0E+08	0.54	0.29	P97822
Ccny	1.9E+08	0.54	0.29	Q8BGU5
Taldo1	3.0E+09	0.54	0.71	Q93092
Rltpr	2.6E+09	0.54	1.66	Q3V3V9
2010107G23Rik	4.1E+09	0.54	0.92	D3Z7G3
ltpa	4.5E+08	0.54	0.27	Q9D892
Scamp5	1.3E+09	0.53	1.00	Q9JKD3
Ehd4	1.5E+07	0.53	0.39	Q9EQP2
Cops2	5.3E+08	0.53	0.41	P61202
Gabrb3	3.8E+08	0.53	0.57	Q8C446
Rpia	1.4E+09	0.53	0.52	P47968
Rwdd1	1.6E+08	0.53	1.07	Q9CQK7
Reps2	8.1E+07	0.53	0.48	A2AFI8
Aldoa	4.5E+10	0.53	1.74	P05064
Eif4ebp2	1.5E+08	0.53	0.55	P70445
Pgrmc2	2.8E+09	0.53	0.45	Q80UU9

Mogs	8.7E+07	0.53	0.18	Q80UM7
Rpl7a	4.3E+08	0.53	0.83	P12970
Surf4	2.5E+08	0.53	0.74	Q64310
Src	4.6E+08	0.53	0.56	Q80XU2
Hn1l	1.5E+09	0.53	0.55	Q6PGH2
Maged2	4.5E+07	0.53	0.22	A2AG48
Them4	8.6E+08	0.53	0.45	Q3UUI3
Ldhb	1.7E+10	0.53	0.62	P16125
Tmem35	2.4E+09	0.53	0.52	Q9D328
Cacng8	3.2E+08	0.53	0.49	F7CZ64
	8.2E+08	0.53	0.37	Q9CRC3
Ahcy	2.8E+09	0.53	0.77	P50247
Alb	4.9E+11	0.53	1.31	P07724
Bnip1	2.8E+07	0.53	0.45	Q6QD59
Stx1a	3.6E+10	0.52	0.56	O35526
Golim4	3.6E+08	0.52	0.59	D3YVW2
C3	5.0E+08	0.52	0.27	P01027
Bcat2	1.1E+08	0.52	0.18	O88374
Prpt2	2.3E+10	0.52	0.81	E9PUL5
Omg	7.3E+09	0.52	0.60	Q63912
Nsfl1c	2.6E+09	0.52	1.01	Q9CZ44
Tbc1d9b	5.6E+07	0.52	0.50	Q5SVR0
Gcat	9.0E+07	0.52	0.39	E9PWY6
Rtn2	7.9E+07	0.52	0.63	O70622
Snrpd2	7.1E+08	0.52	0.84	P62317
Pts	3.4E+08	0.51	0.69	Q9R1Z7
Rab11fip5	2.0E+08	0.51	0.91	Q8R361
Bod1	5.8E+08	0.51	0.46	Q5SQY2
Timm10	1.6E+10	0.51	0.64	P62073
Sod1	2.6E+10	0.51	0.88	P08228
Rhob	2.0E+09	0.51	0.45	P62746
Gpx1	2.7E+08	0.51	0.22	P11352
Anxa2	3.8E+07	0.51	0.32	P07356
Pik3ip1	2.5E+08	0.51	0.35	Z4YN57
Ccdc184	8.2E+07	0.51	0.19	Q8BMK5
Tmsb10	4.2E+10	0.51	0.40	Q6ZWY8
Cnpy3	6.7E+09	0.51	0.39	Q9DAU1
Ddx5	1.2E+08	0.51	0.25	Q61656
Rgs7	3.9E+08	0.51	0.43	A0A0A6YW36
Npc1	9.2E+07	0.51	0.20	O35604
Dmxl1	1.6E+07	0.51	0.21	Q6PNC0
Mrps11	1.0E+07	0.50	0.37	Q3U8Y1
Snapi	1.1E+09	0.50	0.59	Q9Z266
Wasl	5.8E+07	0.50	0.42	Q91YD9

Rabggta	3.0E+08	0.50	0.42	Q9JHK4
Tmpo	2.0E+10	0.50	1.04	Q61029
Lrrc4c	3.2E+08	0.50	0.40	Q8C031
Avp	1.0E+09	0.50	0.87	P35455
Ptms	9.7E+09	0.50	0.66	Q9D0J8
Aifm1	7.4E+08	0.50	1.50	B1AU25
Ggct	9.8E+07	0.50	0.78	Q9D7X8
Cdh2	8.9E+09	0.50	1.61	P15116
Marcksl1	4.0E+09	0.50	0.36	P28667
Pdcd6	2.4E+08	0.50	0.55	P12815
Dynlt3	7.3E+08	0.50	0.43	P56387
Sdc4	2.2E+09	0.50	0.29	O35988
Tppp	5.7E+10	0.50	0.61	Q7TQD2
Kiaa1211	2.3E+09	0.50	0.63	Q5PR69
Rpl4	3.6E+08	0.50	0.15	Q9D8E6
Rraga	1.0E+08	0.50	0.23	Q80X95
Folh1	3.7E+09	0.49	0.44	O35409
Arsg	4.1E+08	0.49	0.35	Q3TYD4
Zscan18	1.3E+08	0.49	0.14	E9PUD6
Cspg5	1.1E+10	0.49	1.79	Q71M36
Top1	5.6E+07	0.49	1.33	Q04750
Nrcam	1.2E+10	0.49	1.31	Q810U4
Map4	8.0E+09	0.49	0.86	A0A0G2JDN7
Rpl27a	3.3E+08	0.49	0.72	P14115
lqsec3	7.9E+08	0.49	0.95	Q3TES0
Fubp1	2.1E+10	0.49	1.48	Q3TUE1
Dgki	5.4E+07	0.49	0.45	D3Z2W1
Fam163a	6.3E+07	0.49	0.23	Q8CAA5
Hibadh	5.6E+08	0.49	0.73	Q99L13
Psen1	1.5E+08	0.49	0.90	P49769
Prps1l3	2.9E+08	0.49	0.39	G3UXL2
Ftl1	3.2E+08	0.49	0.55	Q9CPX4
Gm9493	1.6E+08	0.49	0.21	F6SVV1
Srrm2	7.0E+08	0.49	0.77	Q8BTI8
Pgp	5.3E+08	0.49	0.25	Q8CHP8
Snx21	7.1E+07	0.48	0.26	G3UYL5
Mfap1	7.7E+08	0.48	1.16	Q9CQU1
Cat	3.4E+08	0.48	1.31	P24270
Pcsk1n	6.5E+10	0.48	0.92	Q9QXV0
Adgrf5	6.3E+07	0.48	0.38	G5E8Q8
Fam163b	5.8E+08	0.48	0.40	Q8BUM6
Vamp4	1.6E+09	0.48	0.29	O70480
Pfdn4	3.3E+09	0.48	0.79	E9Q6U4
Pqbp1	1.0E+09	0.48	0.78	Q91VJ5

Uqcrh	1.7E+10	0.48	0.25	P99028
Tmem132b	1.2E+08	0.48	0.88	F7BAB2
Tpd52l2	3.5E+08	0.48	0.10	Q8BKP1
Fam171a2	1.6E+09	0.48	0.64	A2A699
Vapa	9.2E+09	0.48	1.12	Q9WV55
Golm1	1.3E+08	0.47	0.57	Q91XA2
Icam5	5.2E+09	0.47	0.50	Q60625
Hcls1	6.0E+08	0.47	0.56	P49710
Myh7	4.5E+07	0.47	0.50	Q91Z83
Reps1	1.1E+08	0.47	1.08	O54916
Ppp1r1a	8.5E+09	0.47	0.74	Q9ERT9
Mlip	1.2E+09	0.47	0.53	V9GXA0
Zfp428	2.4E+09	0.47	0.46	H3BL05
Tm2d2	1.6E+08	0.47	0.48	Q8R0I4
Wars	2.4E+09	0.47	0.36	P32921
Ppp2cb	1.4E+08	0.47	0.19	P62715
Cox6b1	3.2E+10	0.47	1.40	P56391
Tspan9	1.6E+09	0.47	0.34	D3YXN7
Ermn	1.6E+10	0.47	0.55	Q5EBJ4
Igfbp2	1.9E+08	0.47	1.20	P47877
Lingo1	2.3E+09	0.47	0.62	Q9D1T0
Ptk2	1.6E+08	0.46	0.53	P34152
Cltb	4.7E+10	0.46	0.80	Q6IRU5
Usf1	8.1E+07	0.46	0.79	Q61069
Trp53i11	1.7E+08	0.46	0.40	A2AGS6
Tnik	2.4E+08	0.46	0.47	E9PUL9
Numbl	1.3E+08	0.46	0.50	O08919
Hcn1	2.9E+08	0.46	0.65	O88704
Strip1	6.0E+07	0.46	0.26	Q8C079
Rab39a	2.7E+09	0.46	0.39	Q8BHD0
Pcbd2	1.7E+08	0.46	0.58	Q9CZL5
Cops3	8.8E+08	0.46	0.68	O88543
Sco2	9.6E+07	0.46	0.29	Q8VCL2
Cd81	3.7E+10	0.46	0.26	P35762
Klk6	3.2E+08	0.46	0.30	Q91Y82
Nfix	2.7E+07	0.46	0.28	E9PUH7
Gfer	1.3E+09	0.46	0.88	P56213
Szrd1	4.9E+08	0.45	0.46	Q6NXN1
Ccdc43	6.4E+08	0.45	0.41	Q9CR29
Cyb5a	8.1E+09	0.45	0.83	G5E850
Sirpa	5.5E+10	0.45	0.97	Q6P6I8
Igsf21	2.1E+09	0.45	0.93	Q7TNR6
	4.1E+07	0.45	0.39	Q6PIU9
Fez1	8.5E+07	0.45	0.19	Q8K0X8

Wasf2	5.3E+08	0.45	0.32	Q8BH43
Spock1	4.8E+08	0.45	0.60	Q6DIC9
Tpm3	2.2E+11	0.45	0.74	E9Q7Q3
Prrc2c	9.7E+09	0.45	0.99	A0A0A0MQ79
Bcan	3.4E+09	0.45	0.77	Q61361
Pebp1	3.0E+10	0.45	1.19	P70296
Synpo	1.2E+09	0.45	0.50	Q8CC35
Stip1	3.9E+10	0.44	1.25	Q60864
Dctn2	6.3E+09	0.17	0.26	Q99KJ8
Dld	7.2E+10	0.44	0.77	O08749
Kctd12	1.7E+09	0.44	0.51	Q6WVG3
Smap	7.5E+09	0.44	0.74	Q9R0P4
Pnoc	6.3E+08	0.44	0.74	Q64387
Atp6v0d1	7.9E+09	0.44	0.45	P51863
Fga	1.3E+08	0.44	0.69	E9PV24
Glod4	8.2E+08	0.44	0.95	Q9CPV4
Pcp2	1.5E+10	0.44	0.59	P12660
Def6	4.2E+07	0.44	0.16	Q8C2K1
Wibg	3.8E+09	0.44	1.08	Q8CHP5
Pam16	6.2E+08	0.44	0.36	Q9CQV1
Ubap2l	8.4E+09	0.44	1.59	Q80X50
Cpped1	2.5E+08	0.44	0.47	Q8BFS6
Dmd	5.2E+07	0.07	0.05	P11531
Tcof1	9.5E+08	0.44	1.14	O08784
Bsdc1	2.5E+08	0.44	0.74	Q80Y55
Tspan2	1.4E+10	0.44	0.21	A0A0G2JDX4
Iglon5	1.1E+09	0.43	0.74	Q8HW98
Pgrmc1	2.6E+10	0.43	0.56	O55022
Aldh5a1	3.2E+09	0.43	0.73	Q8BWF0
Romo1	1.0E+09	0.43	0.44	P60603
Dync1i2	1.1E+09	0.26	0.16	Q3TPJ8
Zfand2b	3.7E+08	0.43	0.43	E0CY18
Lmbrd1	1.3E+08	0.43	0.15	Q8K0B2
Abhd12	2.3E+08	0.43	0.31	Q99LR1
Ncald	1.4E+09	0.43	0.92	Q91X97
Dkk3	9.6E+08	0.43	0.58	Q9QUN9
Epn1	4.2E+09	0.43	1.30	Q80VP1
Agap1	2.4E+07	0.43	0.29	Q8BXK8
Spry2	5.7E+08	0.43	0.59	Q9QXV8
Got1	2.8E+11	0.43	1.14	P05201
Paics	1.4E+09	0.43	0.45	Q9DCL9
Rpl30	1.1E+09	0.43	0.39	P62889
Emb	8.8E+08	0.43	0.37	P21995
Tbr1	7.8E+07	0.43	0.23	A2AR81

Pfdn1	1.5E+09	0.43	0.33	Q9CQF7
Tmf1	1.3E+09	0.43	1.11	B9EKI3
Akt3	1.6E+08	0.43	0.68	Q9WUA6
Chmp5	5.2E+09	0.43	0.73	Q9D7S9
Slc4a1	3.6E+08	0.43	0.51	P04919
Chmp4b	1.4E+10	0.43	0.26	Q9D8B3
Psme3	6.1E+09	0.43	0.50	P61290
Dpf3	2.9E+07	0.43	0.21	P58269
Pura	4.6E+09	0.42	0.36	P42669
Pcdh9	4.2E+08	0.42	0.89	A0A0A6YY09
Kif3c	8.7E+06	0.42	0.22	O35066
Eif2b5	2.1E+07	0.42	0.25	Q8CHW4
Oxsm	8.5E+07	0.42	0.37	Q9D404
Txn	1.5E+10	0.42	0.21	P10639
Gjc3	8.4E+08	0.42	0.37	Q921C1
Sarnp	1.2E+10	0.42	0.82	Q9D1J3
Tbl2	9.9E+07	0.42	0.28	Q9R099
Crym	5.1E+10	0.42	0.61	O54983
Efnb2	2.1E+08	0.42	0.56	F6RSU6
Shf	3.8E+08	0.42	0.54	F7AIV2
Wasf3	2.9E+08	0.42	0.32	Q8VHI6
Cast	2.6E+09	0.42	0.54	Q8CE80
Sltm	4.6E+08	0.42	0.67	Q8CH25
Pycr2	3.7E+08	0.42	1.15	Q922Q4
Tmem9b	2.3E+08	0.42	0.28	Q9JJR8
Kng1	1.1E+09	0.42	0.44	D3YTY9
Necab2	3.7E+08	0.42	0.20	Q91ZP9
Tppp3	4.5E+10	0.42	0.39	Q9CRB6
Hbbt1	3.5E+11	0.42	0.93	A8DUK4
Bola1	2.9E+09	0.41	0.95	Q9D8S9
Lsp1	2.7E+08	0.41	0.42	P19973
Ncam1	7.9E+09	0.41	1.15	P13595
Tsc22d1	1.3E+10	0.41	0.64	D3Z0V7
Pclo	1.1E+10	0.41	0.87	Q9QYX7
Hebp1	2.6E+08	0.41	0.81	Q9R257
Pdhx	6.9E+08	0.41	0.65	Q8BKZ9
Rps19	2.2E+09	0.41	0.91	Q9CZX8
Ttr	2.4E+09	0.41	0.38	P07309
Eea1	4.1E+10	0.41	0.76	Q8BL66
Fdps	3.9E+08	0.41	0.33	Q920E5
B630019K06Rik	6.0E+07	0.41	0.17	Q7TNS5
Cox20	2.8E+08	0.41	0.12	Q9D7J4
Safb	1.9E+09	0.41	0.82	S4R1M2
Glo1	9.3E+08	0.41	0.25	Q9CPU0

Ptprn	1.1E+09	0.41	0.51	Q60673
Atp5f1	1.5E+09	0.41	0.29	Q9CQQ7
Lsm2	2.7E+08	0.40	0.75	O35901
Vbp1	4.0E+08	0.40	0.49	Q3TIR6
Tpd52	1.0E+10	0.40	0.69	E9PUA7
Pcdhgc5	3.0E+08	0.40	0.97	Q91XW9
Chchd4	2.5E+09	0.40	0.43	Q8VEA4
Habp4	4.5E+09	0.40	0.53	Q9JKS5
Prr15	1.6E+08	0.40	0.35	Q9D1T5
Ndufa2	1.5E+09	0.40	0.33	Q9CQ75
Pfdn2	1.2E+10	0.40	0.44	O70591
Myh7b	1.2E+08	0.40	0.83	A2AQP0
	1.3E+09	0.40	0.35	Q9CWU4
Wipf3	5.4E+09	0.40	1.95	P0C7L0
Cd2bp2	5.0E+07	0.40	0.18	Q9CWK3
Tenm2	1.0E+08	0.40	0.28	A0A0A0MQB7
Trove2	2.4E+08	0.40	0.60	O08848
Gatad2b	5.9E+07	0.40	0.14	A1L3S7
Hccs	4.2E+08	0.40	0.32	G3UXK7
Pip5k1c	6.2E+08	0.40	0.71	O70161
Nfu1	2.6E+09	0.40	0.54	Q9QZ23
Nrxn1	5.1E+09	0.39	0.91	E0CY11
Psmb1	3.6E+10	0.39	0.85	O09061
Adh5	8.9E+08	0.39	1.39	P28474
Vamp8	1.9E+08	0.39	0.07	O70404
Anp32a	1.5E+10	0.39	0.50	O35381
Cmtm4	5.2E+08	0.39	0.22	Q8CJ61
Stx4	3.2E+08	0.39	0.50	P70452
Cbx1	7.7E+08	0.39	0.50	P83917
Etf1	7.2E+07	0.39	0.20	Q8BWY3
Nap1l4	8.0E+08	0.39	0.77	Q78ZA7
Protein	4.6E+08	0.39	0.29	Q8C4X7
Nsrp1	5.6E+08	0.39	0.82	Q5NCR9
Stmn3	6.2E+08	0.39	0.18	O70166
Stx12	2.9E+10	0.39	0.45	Q9ER00
Rplp2	3.8E+10	0.39	0.75	P99027
Prcc	7.5E+08	0.39	0.52	Q9EQC8
Kcnma1	3.4E+08	0.39	0.26	J3QN27
Tnks1bp1	2.2E+10	0.39	0.66	P58871
Calb1	4.7E+09	0.39	0.27	P12658
Srgap2	4.5E+07	0.39	0.37	Q91Z67
Vcan	2.2E+09	0.39	0.58	G3XA35
Ldha	1.1E+10	0.39	0.43	P06151
Myl6	1.4E+10	0.39	0.69	Q60605

Tsc22d3	2.0E+09	0.39	0.38	B1AVF2
Adcy9	1.3E+08	0.38	0.48	P51830
Nav1	7.3E+07	0.38	0.18	Q8CH77
Npl	3.4E+09	0.38	0.32	Q9DCJ9
Vti1a	1.2E+09	0.38	0.78	O89116
Add2	2.6E+09	0.38	0.68	Q9QYB8
Sec13	1.7E+08	0.38	0.31	Q9D1M0
Mcee	5.4E+08	0.38	0.22	Q9D1I5
Acaa1a	2.3E+08	0.38	0.36	Q921H8
Tbca	4.6E+09	0.38	0.20	P48428
Manf	1.1E+10	0.38	0.99	Q80ZP8
Cfdp1	6.2E+09	0.38	0.39	O88271
Cisd2	3.2E+09	0.38	0.34	Q9CQB5
Tpp1	1.9E+08	0.38	0.10	O89023
Vps26b	4.7E+08	0.38	0.41	Q8C0E2
Zbed5	7.1E+09	0.38	0.52	B2RPU8
Alcam	1.8E+10	0.38	0.89	E9Q3Q6
Map6	6.0E+10	0.38	0.74	Q7TSJ2
Hnrnpdl	9.0E+09	0.38	0.40	Q9Z130
Dnpep	2.1E+09	0.37	0.54	Q9Z2W0
Mecp2	1.5E+08	0.37	0.58	D3Z7U4
Cdc26	1.3E+09	0.37	0.32	Q99JP4
Slc39a6	1.4E+09	0.37	0.47	Q8C145
Fbxo41	1.1E+09	0.37	0.36	Q6NS60
Pfdn6	1.0E+10	0.37	0.75	Q03958
A830010M20Rik	1.3E+10	0.37	0.48	G3X9V7
Sumo1	3.5E+08	0.37	0.38	P63166
Psma2	3.8E+09	0.37	0.48	P49722
Pacsin3	3.8E+07	0.37	0.16	Q99JB8
Psemb7	3.7E+09	0.37	0.17	P70195
Clpx	9.5E+07	0.37	0.71	Q6P8N8
Sox10	1.7E+08	0.37	0.37	Q04888
Spg20	4.6E+07	0.37	0.27	Q8R1X6
Uchl1	1.8E+10	0.37	0.39	Q9R0P9
Pla2g7	1.4E+09	0.37	0.24	Q60963
Gipc1	2.9E+07	0.37	0.20	Q9Z0G0
Hprt1	4.0E+10	0.37	0.91	P00493
Psmd5	3.7E+08	0.37	0.39	Q8BJY1
lqsec1	2.0E+08	0.37	0.32	Q8R0S2
Chmp6	1.1E+08	0.36	0.10	P0C0A3
Pdlim1	4.6E+08	0.36	1.29	O70400
Hmgn5	2.4E+09	0.36	0.40	Q9JL35
6330403A02Rik	9.8E+09	0.36	0.37	J3QP43
Ebag9	2.0E+08	0.15	0.10	Q9D0V7

Flot1	2.0E+09	0.36	1.06	O08917
Fam117b	7.4E+07	0.36	0.12	Q3U3E2
Acad9	3.0E+08	0.36	0.61	Q8JZN5
Crk	1.6E+08	0.36	0.72	Q64010
Gaa	1.3E+09	0.36	0.51	P70699
C2cd2l	3.1E+08	0.36	0.30	Q80X80
Stx1b	1.7E+11	0.36	0.44	P61264
Sgip1	1.5E+09	0.36	1.80	Q8VD37
Ppa2	5.6E+08	0.36	0.79	D3Z636
Timm22	5.9E+08	0.36	0.41	Q9CQ85
Aqp4	1.8E+09	0.36	0.35	P55088
Lin7c	1.2E+09	0.36	0.73	O88952
Eftud2	2.7E+08	0.36	0.36	O08810
Lyrn7	1.2E+09	0.36	0.97	Q9DA03
Vat1l	1.6E+10	0.36	0.41	Q80TB8
Tmem44	6.5E+07	0.36	0.14	E9Q4M0
Ckmt1	1.1E+10	0.35	0.80	P30275
Gde1	1.8E+08	0.35	0.19	Q9JL56
Mtpn	2.0E+09	0.35	2.24	P62774
Ptges3	6.6E+08	0.35	0.48	Q9R0Q7
Nt5e	4.3E+08	0.35	0.53	Q61503
Psma4	4.8E+10	0.35	0.47	Q9R1P0
Cnpy2	1.5E+09	0.35	0.38	Q9QXT0
Fam21	2.9E+09	0.35	0.58	Q6PGL7
Scg3	6.1E+09	0.35	0.56	P47867
Rnf14	8.2E+07	0.35	0.34	Q9JI90
Vgf	1.3E+10	0.34	1.41	Q0VGU4
Fkbp1a	3.8E+10	0.34	0.42	P26883
Eps15	3.0E+08	0.34	0.24	P42567
	1.5E+09	0.34	0.23	Q9CRC6
Rufy3	4.4E+08	0.34	0.51	A0A0G2JFT8
Impa1	8.4E+10	0.34	0.38	Q924B0
Hnrnpab	1.8E+10	0.34	0.69	Q99020
2010300C02Rik	4.1E+07	0.34	0.23	F7B0R9
Slain2	6.2E+08	0.34	0.56	Q8CI08
Isca2	1.7E+09	0.34	0.25	Q9DCB8
Samd14	2.3E+08	0.34	0.35	Q8K070
Pde1b	6.4E+08	0.34	0.29	Q01065
Arpc2	2.0E+09	0.34	0.29	Q9CVB6
Hspe1	7.4E+10	0.33	0.68	Q64433
Cspp1	3.8E+07	0.33	0.19	B2RX88
Farsb	1.4E+08	0.33	0.35	Q9WUA2
Rpl14	2.0E+08	0.33	0.10	Q9CR57
Fam192a	1.4E+09	0.33	0.84	Q91WE2

Spred1	2.3E+08	0.33	0.52	Q924S8
Bnip3l	6.3E+08	0.33	0.39	Q91Z78
Fstl1	2.2E+08	0.33	0.33	Q62356
Mkl2	2.0E+08	0.33	0.17	Q5DTZ3
Leng1	4.5E+07	0.33	0.27	Q9DB98
Sh3kbp1	2.4E+08	0.33	0.27	Q8R550
Prkaca	9.6E+08	0.33	0.81	P05132
Fam107b	2.2E+09	0.33	0.53	Q3TGF2
App	4.3E+09	0.33	1.02	P12023
Pafah1b2	8.2E+08	0.33	0.26	Q61206
Hmgb3	7.1E+08	0.33	0.55	O54879
Commd9	1.0E+08	0.33	0.09	Q8K2Q0
Ndufs3	2.4E+09	0.33	0.84	Q9DCT2
Ajap1	9.2E+07	0.32	0.13	A2ALI5
Ptn	2.5E+08	0.32	0.28	P63089
Epn2	8.9E+08	0.32	0.50	J3QNT7
Ntm	5.1E+10	0.32	0.49	D3Z396
Ctsb	9.2E+08	0.32	0.53	P10605
Adam9	3.2E+07	0.32	0.24	Q61072
Thy1	1.8E+11	0.32	0.47	P01831
Mavs	1.8E+08	0.32	0.19	Q8VCF0
Gap43	6.5E+10	0.32	0.24	P06837
Luc7l3	1.9E+07	0.32	0.16	Q5SUF2
Tpm4	2.2E+10	0.32	0.37	Q6IRU2
Akap5	3.3E+10	0.32	0.34	D3YVF0
Soga3	1.4E+09	0.32	0.36	Q6NZL0
Slc25a5	3.1E+09	0.32	1.77	P51881
Tmcc1	1.0E+09	0.31	0.94	Q69ZZ6
Nt5c	1.4E+08	0.31	0.14	Q9JM14
Atox1	2.9E+10	0.31	0.32	O08997
Psap	1.3E+10	0.31	0.43	Q61207
Ppcdc	5.5E+08	0.31	0.49	Q8BZB2
Capn2	3.3E+08	0.31	0.99	O08529
Fbxo7	8.2E+07	0.31	0.12	Q3U7U3
Plcxd3	5.7E+07	0.31	0.15	G3X9A7
Gria4	2.1E+08	0.31	0.47	G5E863
Grm1	6.0E+07	0.31	0.36	P97772
Ccdc50	1.7E+09	0.31	0.44	Q810U5
Serpina1c	2.1E+08	0.31	0.09	Q00896
Hsd17b8	2.6E+08	0.31	0.15	P50171
Vti1b	2.7E+09	0.31	0.35	Q91XH6
Ywhaz	5.1E+10	0.31	0.79	P63101
Rad23a	6.0E+08	0.31	0.25	P54726
Jund	2.0E+08	0.30	0.26	P15066

Arl3	2.4E+08	0.30	0.43	Q9WUL7
Acyp1	9.4E+08	0.30	0.57	P56376
Pcdh7	3.3E+08	0.30	0.62	E9Q2S0
Idi1	1.5E+09	0.30	0.50	G3XA48
Cep170b	6.4E+07	0.30	0.22	Q80U49
Map7d2	8.8E+09	0.30	0.53	A2AG50
Sf1	1.1E+09	0.30	0.32	E9Q4Q2
Aatk	1.8E+08	0.30	0.29	B1AZF9
Cacna1a	5.0E+07	0.30	0.37	E9Q1R5
Camk2n2	2.3E+09	0.30	0.16	Q78WH7
Gm9825	1.6E+08	0.30	0.15	J3QK23
Pacs2	6.2E+07	0.30	0.23	Q3V3Q7
Ccdc28b	1.7E+08	0.30	0.40	Q8CEG5
Serbp1	8.0E+09	0.30	0.57	Q9CY58
Eva1b	5.5E+07	0.30	0.21	Q8K2Y3
Ubap2	1.5E+09	0.30	0.67	A2AMY5
Chl1	1.6E+09	0.30	0.82	P70232
Clic1	8.6E+07	0.30	0.18	Q9Z1Q5
Mrpl12	2.1E+10	0.30	0.52	Q9DB15
Lrp1b	1.6E+08	0.30	0.59	Q9JI18
Amph	4.5E+09	0.30	0.48	Q7TQF7
Dak	7.7E+07	0.30	0.45	Q8VC30
L1cam	2.4E+10	0.29	0.46	A2AFG8
Rps28	6.1E+09	0.29	0.41	G3UYV7
Psmb5	2.1E+10	0.29	0.27	O55234
RbmX	2.6E+08	0.29	0.13	A2AFI4
Tkt	1.3E+10	0.29	0.67	P40142
Dynlrb2	4.8E+07	0.29	0.23	Q9DAJ5
Fam131b	5.0E+08	0.29	0.25	E9Q8P8
Tmem198b	3.1E+07	0.29	0.33	Q8CFU0
Fam103a1	5.6E+08	0.29	0.38	Q9CQY2
Coro1c	8.4E+08	0.29	0.29	Q9WUM4
Iqsec2	5.6E+08	0.29	0.19	D3Z5I6
Thsd7a	1.3E+09	0.29	0.29	E9QNR5
Dpp6	6.7E+10	0.29	0.50	E9PWX1
Afg3l2	1.7E+08	0.29	0.59	Q8JZQ2
Fam177a1	3.9E+09	0.29	0.19	Q8BR63
Ipo5	3.5E+08	0.29	0.30	Q8BKC5
Snap23	3.6E+09	0.29	0.66	O09044
Hnrnpd	1.4E+10	0.29	0.38	F6ZV59
Tagln	1.6E+08	0.29	0.40	P37804
Canx	2.7E+08	0.29	0.57	P35564
Shmt2	4.5E+08	0.29	0.54	Q9CZN7
Gdpd1	9.2E+08	0.29	0.24	Q9CRY7

Hepacam	6.7E+09	0.29	0.32	Q640R3
Glr5	1.3E+09	0.28	0.33	Q80Y14
Dbi	1.2E+11	0.28	0.30	P31786
Plch2	3.6E+07	0.28	0.15	F7C3A0
Acot13	3.1E+08	0.28	0.44	Q9CQR4
Cacna2d2	4.9E+09	0.28	0.53	Q6PHS9
Olfm2	3.6E+08	0.28	0.39	Q8BM13
Edf1	4.6E+09	0.28	0.31	Q9JMG1
Znf830	4.6E+08	0.28	0.20	Q8R1N0
Gm10108	7.7E+10	0.28	0.23	G3UWG1
Iscu	2.6E+09	0.28	0.40	Q9D7P6
Brinp2	8.7E+06	0.28	0.36	Q6DFY8
Adssl1	2.6E+08	0.28	0.47	P28650
Ndel1	6.6E+08	0.28	0.52	Q9ERR1
Gspt1	1.6E+08	0.28	0.43	Q8R050
Mpp1	1.5E+08	0.28	0.19	A2AN84
Zdhhc20	2.9E+07	0.28	0.18	Q5Y5T1
Wdr44	4.5E+08	0.28	0.57	Q6NVE8
Bsg	1.5E+10	0.28	0.37	P18572
Stx7	9.6E+09	0.28	0.30	Q8BH40
Nelfe	1.3E+08	0.28	0.23	P19426
Tspan6	7.8E+08	0.28	0.38	Q99L96
Eif3j1	2.0E+09	0.27	0.24	Q3UGC7
Prrc2a	5.0E+09	0.27	0.59	Q7TSC1
Lppr4	1.1E+09	0.27	0.30	A0A0G2JGY9
Gm13889	7.6E+08	0.27	0.58	A0A087WSH6
Rpl10a	5.5E+08	0.27	0.36	Q5XJF6
Nsg1	2.2E+07	0.27	0.14	Q62092
Pccb	5.8E+08	0.27	0.58	Q99MN9
Cadm4	2.0E+10	0.27	0.45	Q8R464
Gmfb	1.9E+09	0.27	0.11	Q9CQI3
Calu	5.7E+09	0.27	0.19	O35887
Pfn2	2.0E+09	0.27	0.44	Q9JJV2
Fus	1.1E+10	0.27	0.44	Q8CFQ9
Entpd2	3.2E+08	0.27	0.10	O55026
Vapb	1.4E+10	0.27	0.49	Q8BH80
Flot2	1.6E+09	0.27	0.71	Q5SS83
Mar-02	1.1E+09	0.27	0.42	Q922Q1
Tmem30a	2.9E+08	0.27	0.64	Q8VEK0
Zfr	5.0E+07	0.27	0.14	O88532
Kcnc1	1.3E+08	0.27	0.34	E9PVV3
Bloc1s2	4.3E+08	0.27	0.16	Q9CWG9
Ykt6	4.4E+08	0.27	0.23	Q9CQW1
Hook3	2.4E+08	0.27	0.47	Q8BUK6

Selenbp1	1.7E+09	0.26	0.21	P17563
Cope	9.5E+07	0.26	0.42	D3Z315
Gng11	2.3E+09	0.26	0.17	P61953
Myl9	1.2E+08	0.26	0.09	Q9CQ19
Lmtk2	3.6E+08	0.26	0.38	Q3TYD6
Nln	1.6E+08	0.26	0.25	Q91YP2
Chchd10	7.6E+08	0.26	0.11	Q7TNL9
Ndufv3	2.0E+10	0.26	0.20	Q8BK30
Atp5i	1.2E+10	0.26	0.24	Q06185
Ppp1r1b	3.3E+10	0.26	0.26	Q60829
Uqcrb	4.5E+10	0.26	0.30	Q9CQB4
Ctsa	1.6E+08	0.26	0.46	G3X8T3
U2af2	1.6E+07	0.26	0.23	P26369
Gal	3.7E+08	0.26	0.33	P47212
Fabp3	1.2E+09	0.26	0.13	P11404
Ogfr	1.3E+08	0.26	0.18	Q99PG2
Fkbp3	5.3E+09	0.26	0.40	Q62446
Rbfox2	6.0E+07	0.26	0.10	Q8BP71
Nhp2l1	6.8E+08	0.26	0.17	Q9D0T1
Mccc2	7.0E+08	0.26	0.27	Q3ULD5
Ndufv3	6.5E+09	0.26	0.38	Q3U422
Mapt	2.0E+11	0.26	0.58	A0A0A0MQC7
Zyx	9.3E+08	0.26	0.27	Q62523
Tnrc6b	3.1E+08	0.26	0.36	Q8BK12
Ezr	1.0E+08	-2.48	3.92	P26040
Epb4.1	8.4E+07	0.26	0.09	A2A839
Cmc1	2.5E+09	0.25	0.62	Q9CPZ8
Cecr6	3.7E+08	0.25	0.52	Q99MX7
Hdgf	1.1E+10	0.25	0.23	P51859
Acaa2	1.6E+09	0.25	0.36	Q8BWT1
Ppp1r12b	1.0E+08	0.25	0.10	Q8BG95
Ndufs6	2.1E+10	0.25	0.27	P52503
Tro	4.5E+07	0.25	0.13	E9Q160
Bsn	8.9E+09	0.25	0.49	O88737
Ywhab	3.0E+09	0.25	0.41	Q9CQV8
	3.8E+09	0.25	0.28	Q8C3W1
Rplp1	1.2E+09	0.25	0.07	P47955
Vwc2	7.3E+07	0.25	0.24	Q8C8N3
Rps12	2.9E+09	0.25	0.45	Q6ZWZ6
Srpk2	7.3E+07	0.25	0.19	O54781
Tuba1a	1.2E+10	0.25	0.16	P68369
Sec23a	2.1E+08	0.25	0.35	E9Q1S3
Gnaz	1.1E+09	0.25	0.28	O70443
Mapt	5.6E+09	0.25	0.19	B1AQW2

Grm5	5.7E+07	0.25	0.11	F6YJ89
Mbd2	8.6E+07	0.25	0.13	Q9Z2E1
Aldh9a1	7.2E+08	0.25	0.42	Q9JLJ2
Lrrfip1	1.5E+08	0.25	0.20	Q3UZ39
Tex2	1.8E+07	0.25	0.46	Q6ZPJ0
Ran	1.6E+09	0.25	0.46	P62827
Arhgap33	5.2E+07	0.25	0.44	Q80YF9
Tpr	4.4E+08	0.25	0.30	Q7M739
Snap29	5.1E+09	0.25	0.30	Q9ERB0
Cd9	1.0E+10	0.25	0.16	P40240
Crip2	4.6E+09	0.25	0.29	Q9DCT8
Lrrc20	2.1E+07	0.25	0.12	Q8CI70
Cryab	2.6E+08	0.25	0.31	P23927
Gnl1	5.1E+07	0.25	0.16	P36916
Cnrip1	1.2E+09	0.25	0.66	Q5M8N0
Bcl9	1.1E+08	0.25	0.18	Q9D219
Wdr1	3.8E+09	0.25	0.91	O88342
Atp5h	1.8E+10	0.24	0.48	Q9DCX2
Plcg1	1.8E+07	0.24	0.21	Q62077
Ncoa6	1.5E+08	0.24	0.25	Q5XJV5
Nptn	1.6E+10	0.24	0.23	P97300
Rab14	8.4E+09	0.24	0.63	Q91V41
Eml1	2.1E+08	0.24	0.22	D6RII3
Lasp1	2.1E+10	0.24	0.28	Q61792
Dpp10	2.4E+10	0.24	0.55	E9QN98
Mfsd6	3.0E+08	0.24	0.11	D3Z183
Dag1	5.4E+09	0.24	0.81	Q62165
Gyg1	7.6E+08	0.24	0.33	Q9R062
Coa7	3.2E+08	0.24	0.20	Q921H9
Fuom	2.8E+09	0.24	0.45	D3YWS7
Phyhipl	2.7E+08	0.24	0.06	Q8BGT8
Bet1l	6.9E+08	0.24	0.25	O35153
Psmc9	5.2E+09	0.24	0.45	Q9CR00
Gpalpp1	8.7E+07	0.24	0.16	Q69ZC8
Gpd1l	8.3E+08	0.24	0.26	Q3ULJ0
Palm2	9.0E+09	0.24	0.26	Q8BR92
Txnrd2	5.8E+08	0.24	0.20	J3QMN4
Tsg101	9.5E+07	0.24	0.19	Q61187
Lypd1	4.5E+08	0.24	0.36	Q8BLC3
Pak1	1.5E+09	0.24	0.62	G5E884
Kcnc3	2.0E+08	0.24	0.29	D3YZV2
Ank1	4.1E+08	0.23	0.24	E9QNT8
Chchd7	4.3E+08	0.23	0.21	B1AXC8
Cox7a2l	6.2E+07	0.23	0.16	Q61387

Plin3	1.3E+09	0.23	0.29	Q9DBG5
Nit2	1.5E+08	0.23	0.28	Q9JHW2
Spag7	6.2E+08	0.23	0.14	Q7TNE3
Pja2	6.5E+08	0.23	0.29	Q80U04
Creld2	1.6E+09	0.23	0.25	Q9CYA0
Lrp8	7.6E+07	0.23	0.17	B1AXJ4
Cntn2	8.9E+08	0.23	0.37	Q61330
Pacsin2	1.5E+08	0.23	0.25	Q9WVE8
Syn1	2.6E+10	0.23	0.79	O88935
Aarsd1	2.8E+07	0.23	0.13	Q3THG9
Polr2m	3.1E+08	0.23	0.37	Q6P6I6
Auh	1.1E+09	0.23	0.32	Q9JLZ3
Larp1	2.5E+08	0.23	0.30	Z4YJT3
Hcfc1	7.7E+08	0.23	0.50	B1AUX2
Pgk1	1.4E+10	0.23	0.42	P09411
Cntnap2	6.6E+08	0.23	0.25	E9QNF7
Tenm4	2.6E+08	0.23	0.44	Q3UHK6
Rrbp1	2.9E+09	0.23	0.34	A2AVJ7
Hrsp12	4.4E+10	0.22	0.30	P52760
Acat2	1.0E+09	0.22	0.24	Q8CAY6
Atg7	2.2E+07	0.22	0.25	S4R2D5
Rps25	1.1E+09	0.22	0.43	P62852
Tomm40	1.1E+09	0.22	0.30	Q9QYA2
Fh	2.6E+09	0.22	0.45	P97807
Aldh7a1	1.7E+09	0.22	0.27	Q9DBF1
Rdx	1.1E+09	0.22	0.40	P26043
Sdhc	4.0E+08	0.22	0.04	Q9CZB0
Psmb2	9.7E+09	0.22	0.15	Q9R1P3
Rpl12	9.3E+08	0.22	0.34	P35979
Pitpnm1	1.8E+08	0.22	0.27	O35954
Penk	3.8E+09	0.22	0.38	P22005
Nucb1	1.2E+10	0.22	0.29	Q02819
St13	1.4E+09	0.22	0.24	F8WJK8
Stx5a	5.4E+07	0.22	0.19	H3BJ02
Sfr1	1.3E+09	0.22	0.28	Q8BP27
Ngfr	1.1E+08	0.22	0.13	Q9Z0W1
Ncam2	1.4E+10	0.22	0.43	O35136
Slc25a11	1.5E+09	0.22	0.49	Q9CR62
Rnase4	1.5E+08	0.22	0.20	Q8C7E4
Rapgef2	5.2E+08	0.22	2.05	A0A0A6YWG7
Bod1l	3.1E+09	0.22	0.23	E9Q6J5
Asl	7.0E+07	0.22	0.19	Q91YI0
Mink1	1.5E+08	0.22	0.68	F7AMS7
Stx6	3.0E+08	0.22	0.18	Q9JKK1

Gprn3	2.5E+09	0.22	0.23	Q8BWS5
Tpm1	3.7E+10	0.22	0.29	P58771
Mmab	3.1E+08	0.21	0.26	Q9D273
Psma3	3.4E+10	0.21	0.17	O70435
Ap3m2	3.4E+08	0.21	0.40	Q8R2R9
Bcam	3.1E+08	0.21	0.17	Q9R069
Mdh2	4.3E+10	0.21	0.13	P08249
Emd	1.8E+08	0.21	0.65	O08579
Ppp5c	9.5E+08	0.21	0.23	Q60676
Pin1	2.7E+09	0.21	0.19	Q9QUR7
Apoa1bp	8.6E+08	0.21	0.22	Q8K4Z3
Cyfp1	9.4E+07	0.21	0.14	Q7TMB8
Pakap	9.1E+09	0.21	0.46	F7AA26
Atp1b2	2.2E+10	0.21	0.71	P14231
Eva1a	7.8E+08	0.21	0.12	D3Z511
Gyk	6.1E+08	0.21	0.30	B1ASZ3
Adam10	1.7E+08	0.21	0.43	O35598
Actr10	2.4E+08	0.21	0.19	Q9QZB7
Cd70	1.2E+08	0.21	0.06	O55237
Spr	4.5E+08	0.21	0.29	Q91XH5
Ppp1r9b	7.1E+08	0.21	0.26	Q6R891
Ppia	6.5E+10	0.21	0.17	P17742
Erlin2	2.4E+08	0.21	0.18	Q8BFZ9
Slc44a2	2.2E+09	0.21	0.33	Q8BY89
Sorcs2	3.7E+08	0.21	0.48	Q9EPR5
Ube2l3	7.5E+09	0.21	0.28	P68037
Rps20	1.2E+09	0.21	0.18	P60867
Prpt1	2.0E+09	0.21	0.22	O35449
Bcr	1.2E+08	0.21	0.14	Q6PAJ1
Usp10	5.8E+07	0.20	0.08	P52479
Igsf1	2.2E+08	0.20	0.15	Q7TQA1
Tbcc	8.7E+07	0.20	0.06	Q8VCN9
Rad23b	1.1E+10	0.20	0.22	P54728
Mrpl27	3.6E+07	0.20	0.19	Q99N92
Ap1p1	1.6E+09	0.20	0.22	Q03157
Pitpnm3	2.3E+07	0.20	0.22	Q3UHE1
Capza2	3.8E+09	0.20	0.36	P47754
Twf2	4.1E+08	0.20	0.27	Q9Z0P5
Agap2	1.7E+08	0.20	0.20	Q3UHD9
Acy1	2.5E+08	0.20	0.45	Q99JW2
Ablim2	4.9E+08	0.20	0.31	E9Q4K0
Pfkl	9.1E+08	0.20	0.41	P12382
Rnf113a2	5.4E+07	0.20	0.08	Q14B01
Cd34	4.8E+08	0.20	0.11	Q64314

Pcdh19	7.2E+07	0.20	0.10	Q80TF3
Tmod2	1.4E+09	0.20	0.25	Q9JKK7
Hpcal4	2.0E+09	0.20	0.23	Q8BGZ1
Gmpr	9.4E+09	0.20	0.54	Q9DCZ1
Ppif	2.3E+08	0.19	1.13	Q99KR7
Nde1	6.3E+08	0.19	0.34	Q9CZA6
Cdkn1b	5.0E+09	0.19	0.25	P46414
Sik3	1.6E+08	0.19	0.19	E9PU87
Taf9	5.9E+07	0.19	0.09	Q8VI33
Akap1	2.5E+08	0.19	0.19	O08715
Bag3	3.3E+09	0.19	0.22	Q9JLV1
Ppp1ca	7.3E+08	0.19	0.13	P62137
Map1a	4.4E+10	0.19	0.32	Q9QYR6
Ccdc126	3.8E+07	0.19	0.14	Q8BIS8
Cpn2	2.7E+07	0.19	0.10	Q9DBB9
Atf2	7.5E+08	0.19	0.40	P16951
Ggt7	1.2E+09	0.19	0.13	Q99JP7
Tpd52l2	8.2E+09	0.19	0.31	Q9CYZ2
Tsr2	1.7E+09	0.19	0.16	H7BWY8
Clip2	6.9E+08	0.19	0.39	Q9Z0H8
Gprin1	9.8E+09	0.19	0.26	Q3UNH4
Itih2	1.2E+08	0.19	0.14	Q61703
Dpysl2	9.8E+10	0.19	0.42	O08553
Ctbp1	8.6E+08	0.19	0.21	O88712
Nrxn3	3.3E+09	0.19	0.87	Q6P9K9
Mtss1	7.2E+07	0.19	0.14	G3X9H7
Rtn4r	9.3E+07	0.19	0.10	Q99PI8
Me2	3.5E+08	0.19	0.37	Q99KE1
Rgma	7.0E+07	0.19	0.13	Q6PCX7
Slc9a3r1	4.3E+10	0.18	0.23	P70441
Nucks1	6.5E+09	0.18	0.19	Q80XU3
Vipas39	1.6E+07	0.18	0.15	Q8BGQ1
Enpp6	4.1E+09	0.18	0.18	Q8BGN3
Mrps36	1.7E+10	0.18	0.11	Q9CQX8
Tnfrsf21	2.0E+08	0.18	0.44	Q9EPU5
Serpina1b	5.2E+08	0.18	0.26	P22599
Rtn3	4.0E+10	0.18	0.40	Q9ES97
Sap30bp	3.1E+08	0.18	0.12	Q02614
Prpt3	2.0E+08	0.18	0.17	Q6PE13
Ywhaq	1.1E+10	0.18	0.22	P68254
Rpl3	2.9E+08	0.18	0.26	P27659
Btbd17	1.9E+08	0.18	0.04	Q9DB72
Clint1	1.1E+09	0.18	0.37	Q5SUH6
Magi1	1.1E+08	0.18	0.27	Q6RHR9

Ppp1r14c	1.1E+09	0.18	0.40	Q8R4S0
Atp1a2	1.2E+10	0.18	0.41	Q6PIE5
Pag1	1.6E+09	0.18	0.17	Q3U1F9
Cnpy4	2.3E+09	0.18	0.23	Q8BQ47
Gart	2.1E+08	0.12	0.16	Q64737
Sec16a	1.6E+08	0.18	0.21	A2AIX1
Slc35a4	3.0E+08	0.18	0.09	A0A087WQH8
Tmem65	1.9E+09	0.18	0.16	Q4VAE3
Plcb4	3.7E+08	0.18	0.31	Q91UZ1
Ndufa9	1.5E+09	0.17	0.16	Q9DC69
2010300C02Rik	9.3E+08	0.17	0.82	E9Q3M9
Eef1d	4.2E+08	0.17	0.15	E9QN08
Aco1	4.6E+08	0.17	0.56	P28271
Hmgb1	2.2E+10	0.17	0.19	P63158
Add3	1.8E+09	0.17	0.45	Q9QYB5
Apoe	1.1E+10	0.17	0.44	P08226
Ahcyl2	8.6E+08	0.17	0.18	F8WGT1
Dos	9.6E+08	0.17	0.30	E9QP85
Dlat	3.3E+09	0.17	0.09	Q8BMF4
Gfap	2.1E+08	0.14	0.07	P03995
Dlgap2	4.8E+07	0.17	0.11	Q8BJ42
Pvrl1	7.7E+09	0.17	0.26	Q9JKF6
Wdr77	1.6E+08	0.17	0.08	Q99J09
Aqp1	3.6E+07	0.17	0.07	Q02013
Palm	6.1E+10	0.17	0.27	Q9Z0P4
Ccbl2	8.5E+08	0.17	0.25	Q71RI9
Hexim2	1.2E+08	0.17	0.20	Q3TVI4
Ablim2	4.7E+07	0.17	0.07	D3Z0Y4
Ywhag	2.2E+10	0.17	0.19	P61982
Syap1	3.4E+08	0.17	0.25	Q9D5V6
Cp	2.1E+09	0.17	0.18	G3X9T8
Gps1	3.4E+08	0.17	0.16	G3UXW9
Camk2d	7.8E+08	0.17	0.19	A0A0G2JDC1
Ptprn2	1.5E+09	0.17	0.15	P80560
Spock2	1.6E+09	0.16	0.20	Q9ER58
Zdbf2	4.1E+07	0.16	0.18	Q5SS00
Lrpap1	4.9E+08	0.16	0.20	P55302
Sfpq	8.4E+08	0.16	0.14	Q8VIJ6
Lphn1	5.0E+08	0.16	0.23	Q80TR1
Apc	3.6E+08	0.16	0.16	E9QLQ9
Snx4	3.5E+07	0.16	0.24	Q91YJ2
Sh3bgrl	5.2E+08	0.16	0.10	Q9JJU8
Nptx2	5.4E+08	0.16	0.17	O70340
Gm20390	1.3E+10	0.16	0.19	E9PZF0

Pdia6	1.1E+09	0.16	0.92	Q3TML0
Shisa4	3.2E+08	0.16	0.04	Q8CA71
Mtus2	1.8E+08	0.16	0.14	Q3UHD3
Gphn	1.4E+09	0.16	0.52	Q8BUV3
Ccdc85a	5.0E+07	0.16	0.12	E0CX32
Raph1	1.2E+08	0.16	0.44	F2Z3U3
Abcb1a	3.4E+07	0.16	0.14	P21447
Ddx1	2.8E+08	0.16	0.13	Q91VR5
Luc7l2	3.6E+07	0.16	0.08	Q7TNC4
Mtstp8	7.9E+09	0.16	0.17	P03930
Ikbkg	4.6E+08	0.16	0.23	Q8VC91
Dip2b	6.2E+08	0.16	0.40	Q3UH60
8030462N17Rik	1.1E+09	0.15	0.10	Q0VAW6
Eef1b	2.4E+09	0.15	0.11	O70251
Gns	6.0E+08	0.15	0.28	Q8BFR4
Kif2a	3.1E+08	0.15	0.11	E0CZ72
Nenf	2.5E+09	0.15	0.13	Q9CQ45
Sncg	1.6E+10	0.15	0.33	Q9Z0F7
Eftud1	1.2E+07	0.15	0.10	Q8C0D5
Map2	3.7E+11	0.15	0.37	P20357
Acsl6	9.8E+08	0.15	0.40	Q5ICG5
Lrrc73	1.7E+08	0.15	0.05	B2RWC4
Vps26a	2.4E+08	0.15	0.21	P40336
Gm5093	4.2E+08	0.15	0.04	E9PZB3
Clu	5.1E+09	0.15	0.36	Q06890
Ranbp3	2.4E+08	0.15	0.12	Q9CT10
Tssc4	4.1E+08	0.15	0.23	D3YZR1
Gpm6a	5.9E+10	0.15	0.24	P35802
Amdhd2	4.0E+07	0.15	0.07	Q8JZV7
Hdac6	4.5E+07	0.79	0.39	Q9Z2V5
Cryl1	1.8E+08	0.15	0.08	Q99KP3
Ddhd1	1.3E+07	0.14	0.11	D6RH62
Plp1	8.8E+10	0.14	0.13	P60202
Sep-05	5.4E+09	0.14	0.24	Q9Z2Q6
Minpp1	2.6E+08	0.14	0.06	Q9Z2L6
Pcp4	5.9E+10	0.14	0.11	P63054
Lancl1	5.5E+08	0.14	0.19	O89112
Tnr	7.9E+09	0.14	0.26	Q8BYI9
Ubqln2	3.8E+10	0.14	0.22	Q9QZM0
Ubfd1	1.8E+08	0.14	0.11	Q78JW9
Ganab	8.3E+08	0.14	0.27	Q8BHN3
Htra2	2.6E+08	0.14	0.12	D3YX27
Gmpr2	2.5E+09	0.14	0.12	Q99L27
Lamtor1	2.2E+08	-0.13	0.10	Q9CQ22

Ncdn	1.2E+09	0.14	0.15	Q9Z0E0
Igfbp4	6.2E+08	0.14	0.10	H3BLB7
Fam162a	6.7E+09	0.14	0.30	Q9D6U8
Map4	5.7E+10	0.14	0.32	A0A0B4J1M9
Kazn	7.4E+08	0.14	0.09	Q69ZS8
Hspa5	5.0E+09	0.14	0.58	P20029
Marcks	4.1E+10	0.70	0.41	P26645
Atxn10	2.0E+08	0.14	0.14	P28658
Pitpnc1	1.5E+08	0.14	0.07	Q8K4R4
Shank1	4.3E+07	0.13	0.09	D3YZU5
Tfrc	7.7E+08	0.13	0.13	Q62351
Psip1	5.1E+09	0.13	0.12	A2BI12
Fxyd6	1.4E+10	0.13	0.06	Q9D164
Npdc1	9.5E+08	0.13	0.19	Q64322
Acan	2.9E+09	0.13	0.13	Q61282
Txndc12	1.5E+08	0.13	0.04	Q9CQU0
Cstb	1.2E+09	0.13	0.17	Q62426
Capzb	2.5E+09	0.13	0.16	A2AMW0
Psma6	4.6E+10	0.13	0.13	Q9QUM9
Eif2s1	4.1E+08	0.13	0.13	Q6ZWX6
Rpl22	2.1E+08	0.13	0.06	P67984
Syt7	4.6E+08	0.13	0.32	Q8CF96
Kiaa1467	6.4E+08	0.13	0.14	Q8BYI8
Fkbp8	1.3E+08	0.13	0.06	O35465
Pde2a	9.6E+08	0.13	0.15	Q922S4
Chtop	1.9E+08	0.13	0.11	E9PW20
Rpl18a	1.7E+08	0.13	0.03	P62717
Tnip1	9.0E+07	0.13	0.21	D3Z2W0
Mblac2	1.1E+09	0.12	0.34	Q8BL86
Camk2n1	2.8E+09	0.12	0.02	Q6QWF9
MacroD1	1.5E+08	0.12	0.05	Q922B1
Gnas	1.0E+09	0.12	0.15	Q6R0H7
Taf15	5.9E+08	0.12	0.08	Q8BQ46
Slc1a4	3.9E+08	0.12	0.10	O35874
Atp6v1b2	2.2E+10	0.12	0.17	P62814
Actn4	1.6E+09	0.12	0.22	P57780
Arl6ip4	2.2E+08	0.12	0.04	D3YWC2
Neo1	3.6E+08	0.12	0.84	E9QK04
Mtch2	1.5E+09	0.10	0.15	Q791V5
Pak2	7.9E+08	0.12	0.09	Q8CIN4
Fau	1.6E+09	0.12	0.06	P62862
S100a5	1.5E+08	0.12	0.06	P63084
Trp53bp1	4.7E+08	0.12	0.34	A2AU91
Chp1	8.7E+07	0.12	0.09	B0R091

Pde1a	7.0E+08	0.12	0.11	Q8BRR9
Nova2	1.5E+08	0.12	0.07	D3YVV7
Eif5a	2.3E+09	0.12	0.13	P63242
Cnbp	3.7E+09	0.12	0.16	P53996
Cnp	3.0E+10	0.12	0.15	P16330
Caskin1	1.4E+09	0.12	0.18	Q6P9K8
Mtmr2	2.0E+08	0.12	0.23	Q9Z2D1
Col1a1	3.9E+09	0.12	0.07	P11087
Nrn1	4.9E+09	0.12	0.13	Q8CFV4
Mat2a	3.4E+08	0.12	0.13	Q3THS6
Ndufa11	2.0E+09	0.12	0.14	Q9D8B4
Cwc15	1.8E+09	0.12	0.04	Q9JHS9
Esd	1.1E+09	0.11	0.20	H3BJP2
Enpp1	3.3E+08	0.11	0.14	P06802
Slc12a2	3.6E+09	0.11	0.18	E9QM38
Acadm	3.6E+08	0.11	0.22	P45952
Atp6v1a	2.5E+10	0.11	0.28	P50516
Ccdc127	3.1E+07	0.11	0.04	E0CYP1
Actc1	9.2E+08	0.11	0.08	P68033
Xpnpep1	2.1E+08	0.11	0.14	Q3UE92
Ina	3.7E+09	0.11	0.15	P46660
Rock2	5.9E+08	0.11	0.21	F8VPK5
Myl12b	1.9E+09	0.11	0.06	Q3THE2
Npm1	1.0E+09	0.11	0.04	Q5SQB0
Rtn1	1.9E+10	0.11	0.21	Q8K0T0
Psmd3	5.5E+08	0.11	0.17	P14685
Gm15800	4.3E+07	0.11	0.05	E9Q2E4
Btd	8.8E+07	0.11	0.10	Q8CIF4
Psd2	8.4E+07	0.11	0.10	Q6P1I6
Sel1l	2.0E+07	0.11	0.10	J3QJX3
Chgb	6.8E+09	0.11	0.08	P16014
Nupl1	3.0E+08	0.11	0.09	Q8R332
Lamtor5	3.8E+09	0.10	0.09	Q9D1L9
Nrgn	7.6E+09	0.10	0.05	P60761
Atp6v1g1	1.4E+10	0.10	0.08	Q9CR51
Nos1	1.0E+08	0.10	0.15	S4R255
Cetn2	2.7E+09	0.10	0.10	Q9R1K9
Myl4	2.9E+09	0.10	0.19	A2A6Q8
Tagln3	5.3E+09	0.10	0.41	Q9R1Q8
Uba5	6.2E+08	0.10	0.06	Q8VE47
Sf3a1	2.6E+07	0.10	0.05	Q8K4Z5
Calm1	2.9E+11	0.10	0.09	P62204
Calu	2.0E+09	0.10	0.06	Q6XLQ8
Nrxn2	5.9E+08	0.10	0.12	E9Q5N7

Ncam1	8.2E+10	0.10	0.14	A0A0A6YY91
Mtdh	7.2E+09	0.43	0.99	Q80WJ7
Ank2	1.3E+10	0.10	0.25	S4R249
Por	6.6E+08	0.10	0.16	P37040
Znf207	2.1E+08	0.10	0.02	Q9JMD0
Glg1	5.1E+09	0.10	0.19	F8WHM5
Adss	8.7E+08	0.10	0.10	P46664
Akr7a2	8.9E+07	0.10	0.11	Q8CG76
Hdlbp	1.2E+08	0.10	0.11	Q8VDJ3
Nufip2	1.5E+08	0.10	0.10	Q5F2E7
Capn5	6.0E+08	0.10	0.17	O08688
Pcp4l1	2.5E+09	0.10	0.06	Q6W8Q3
Cacybp	3.3E+08	0.10	0.23	Q9CXW3
C1qc	1.3E+08	0.10	0.12	Q02105
Cadm2	3.9E+10	0.09	0.10	Q8BLQ9
Synpr	6.9E+08	0.09	0.15	Q8BGN8
Fgfr1op2	1.6E+08	0.09	0.08	Q9CRA9
Sfxn3	1.4E+09	0.09	0.07	Q91V61
Fam171b	6.0E+08	0.09	0.11	Q14CH0
Qprt	4.2E+08	0.09	0.11	Q91X91
Pex5l	3.1E+08	0.09	0.17	D3YYH0
Actr3b	7.6E+08	0.09	0.14	Q641P0
Tmem230	1.7E+08	0.09	0.03	Q8CIB6
Stoml2	1.3E+09	0.09	0.13	Q99JB2
Wnk1	1.2E+08	0.09	0.13	P83741
Nefh	2.5E+09	0.09	0.13	P19246
Copb2	2.9E+08	0.09	0.24	O55029
Palm3	5.2E+08	0.09	0.07	A2TJV2
Rgs17	1.3E+08	0.09	0.04	G5E8E0
Kcnip4	2.7E+08	0.09	0.09	Q6PHZ8
Matr3	3.3E+08	0.09	0.16	Q8K310
Tpm3-rs7	2.9E+10	0.09	0.08	D3Z2H9
Rcn1	4.8E+08	0.09	0.05	Q05186
Vldlr	5.4E+07	0.09	0.04	F8WGI9
Dbn1	4.3E+09	0.09	0.14	Q9QXS6
Gpd1	5.7E+08	0.09	0.09	E0CXN5
Lrrfip2	3.5E+09	0.09	0.13	A0A0G2JEP4
Gnb4	1.9E+08	0.09	0.08	P29387
Nudt21	1.1E+08	-0.43	0.16	Q9CQF3
Homer1	6.1E+08	0.09	0.14	Q9Z2Y3
Cfl2	9.8E+08	0.09	0.08	P45591
Asna1	3.8E+08	0.09	0.08	O54984
Mtnd4	1.6E+08	0.09	0.03	P03911
Prrc2b	4.0E+08	0.09	0.10	F8WHT3

Tmem55a	2.7E+08	0.09	0.15	Q9CZX7
Ckap4	4.6E+08	0.09	0.11	Q8BMK4
Actn1	3.7E+09	0.09	0.20	A1BN54
Dpysl4	3.9E+09	0.08	0.18	Q3TMU8
Ppp2ca	2.0E+09	0.08	0.05	P63330
Cyb5b	7.6E+09	0.08	0.15	Q9CQX2
Actr3	4.9E+09	0.08	0.12	Q99JY9
Gorasp2	2.0E+08	0.08	0.09	A2AT19
Dctn1	2.0E+09	0.08	0.12	E9Q3M3
Gnb2l1	8.3E+08	0.08	0.08	P68040
Slc9a1	5.7E+08	0.08	0.11	Q61165
Blvra	3.6E+08	0.08	0.07	Q9CY64
Tmem132a	2.4E+08	0.08	0.05	Q922P8
Prune	7.8E+07	0.08	0.10	Q8BIW1
Gla	1.1E+09	0.08	0.13	P51569
Cttnbp2nl	6.9E+07	0.08	0.08	Q99LJ0
Gria1	1.5E+09	0.08	0.18	Q7TNB5
Ccdc97	4.1E+07	0.08	0.04	Q9DBT3
Pcbp1	2.9E+09	0.08	0.06	P60335
Dynlrb1	3.3E+10	0.08	0.07	P62627
Pawr	3.4E+08	0.08	0.07	Q925B0
Hdgfrp2	2.6E+08	0.08	0.10	Q3UMU9
Slc13a5	4.2E+07	0.08	0.03	Q67BT3
Nppc	2.2E+07	0.08	0.04	Q61839
Tnrc6c	2.9E+07	0.08	0.05	Q3UHC0
Cttnbp2	8.2E+08	0.07	0.42	B9EJA2
Psm13	3.7E+08	0.07	0.10	Q9WVJ2
Eef2	4.9E+09	0.07	0.35	P58252
Glt1	1.2E+09	0.07	0.16	Q9JL62
Gad1	3.2E+08	0.07	0.07	P48318
Ube2m	2.5E+08	0.07	0.03	P61082
Ociad1	7.4E+09	0.44	1.06	Q9CRD0
Cbr1	1.6E+09	0.07	0.09	P48758
Cfl1	2.4E+10	0.07	0.10	P18760
Tmem263	2.0E+08	0.07	0.05	Q9DAM7
Cox5a	3.8E+10	0.07	0.06	P12787
Ak1	3.8E+09	0.07	0.10	Q9R0Y5
Pgm1	2.8E+09	0.07	0.08	Q9D0F9
Pkp4	1.8E+08	0.07	0.04	A2AS44
Acin1	6.5E+08	0.06	0.09	Q9JIX8
Ddx39b	5.2E+08	0.06	0.06	Q9Z1N5
Cdh13	5.7E+09	0.06	0.05	Q9WTR5
Eid2	6.6E+07	0.06	0.03	Q6X7S9
Rcsd1	5.5E+08	0.06	0.04	Q3UZA1

Dnajc5	3.6E+10	0.06	0.06	P60904
Napg	2.3E+09	0.06	0.12	Q9CWZ7
Pabpc1	7.9E+08	0.06	0.13	P29341
Sugt1	4.2E+08	0.06	0.07	Q9CX34
Dlst	7.1E+10	0.06	0.06	Q9D2G2
A230065H16Rik	1.4E+09	0.06	0.04	G3UW55
Baalc	6.8E+08	0.06	0.08	Q8VHV1
Tubb2b	4.4E+09	0.06	0.04	Q9CWF2
Ap1ar	5.0E+08	0.06	0.07	A0A0G2JG85
Mthfd1	2.0E+08	0.06	0.05	Q922D8
Spag9	2.9E+08	0.06	0.14	Q58A65
Psme1	7.4E+08	0.06	0.09	G3UXZ5
Sort1	1.4E+09	0.06	0.07	Q6PHU5
Sep-09	8.3E+08	0.06	0.07	Q80UG5
Ndrp2	7.8E+09	0.06	0.14	Q9QYG0
Ap2m1	4.1E+09	0.06	0.09	P84091
Rps9	1.4E+08	0.06	0.05	Q6ZWN5
Lysmd1	2.8E+08	0.06	0.08	Q9D0E3
Strn4	3.4E+08	0.06	0.09	P58404
Vcam1	7.4E+08	0.06	0.06	Q3UPN1
Hmgb2	2.4E+09	0.06	0.05	P30681
Eif4h	1.9E+09	0.06	0.08	Q9WUK2
Grhpr	1.1E+09	0.06	0.11	Q91Z53
Alad	5.3E+09	0.06	0.06	P10518
Tspan7	1.3E+10	0.05	0.03	Q62283
Chchd3	8.9E+09	0.05	0.04	Q9CRB9
Ptprs	1.8E+08	0.05	0.12	B0V2N1
Ube2k	1.5E+08	0.05	0.05	P61087
Cyfp2	1.8E+09	0.05	0.07	Q5SQX6
Rpl23	5.2E+08	0.05	0.03	P62830
Prkar1a	2.9E+08	0.05	0.04	Q9DBC7
Map1lc3a	1.4E+09	0.05	0.05	Q91VR7
Pygb	5.6E+09	0.05	0.08	Q8CI94
Akap12	1.2E+10	0.05	0.05	Q9WTQ5
Ppp6r2	1.6E+08	0.05	0.05	Q8R3Q2
Ppt1	7.5E+07	0.05	0.03	O88531
Trio	1.3E+08	0.05	0.08	Q0KL02
Rybp	7.1E+07	0.05	0.03	Q8CCI5
Tm9sf2	1.0E+08	0.04	0.04	P58021
COA4	1.6E+08	0.04	0.01	Q8BT51
Ngp	1.9E+07	0.04	0.03	O08692
Akr1a1	6.0E+08	0.04	0.13	Q9JII6
Ddb1	1.8E+09	0.04	0.06	Q3U1J4
Mog	2.5E+10	0.04	0.04	Q3UY21

Ciapi1	7.5E+08	0.04	0.08	Q8WTY4
Atp6v1c1	1.7E+09	0.04	0.07	Q9Z1G3
Isoc1	1.6E+08	0.04	0.03	Q91V64
Erp44	1.5E+08	0.04	0.04	Q9D1Q6
Slc44a1	1.8E+10	0.04	0.05	Q6X893
Uchl3	4.4E+08	0.04	0.04	Q9JKB1
Dbndd1	4.3E+08	0.04	0.04	H3BK17
Ndufv2	3.8E+09	0.04	0.06	Q9D6J6
Vps13c	3.1E+08	0.04	0.05	Q8BX70
Ccdc85c	2.1E+08	0.04	0.04	E9Q6B2
Rnf181	1.0E+08	0.04	0.01	Q9CY62
Dtd1	1.0E+09	0.04	0.02	Q9DD18
Mapk1	3.4E+09	0.04	0.05	P63085
Dcps	1.5E+08	0.04	0.02	Q9DAR7
Atp5j	2.8E+10	0.04	0.02	P97450
Hsp90ab1	1.7E+10	0.04	0.08	P11499
Aven	5.2E+08	0.04	0.03	Q9D9K3
Srgap3	2.1E+08	0.04	0.07	E9QN14
Gucy1b3	1.3E+08	0.04	0.03	Q80YP4
Cenpv	4.9E+07	0.04	0.03	Q9CXS4
Rimbp2	5.2E+07	0.04	0.02	A0A0G2JFB0
Tmx4	2.0E+08	0.04	0.02	Q8C0L0
	9.7E+08	0.03	0.02	Q3TQI7
Asrgl1	4.3E+10	0.03	0.04	Q8C0M9
Aftph	2.0E+08	0.03	0.03	Q80WT5
Clcn6	2.2E+07	0.03	0.02	O35454
Eif2s3x	7.4E+08	0.03	0.07	Q9Z0N1
Atcay	3.0E+08	0.03	0.05	Q8BHE3
Ndufaf3	9.6E+07	0.03	0.03	Q9JKL4
Ywhae	2.3E+10	0.03	0.07	P62259
Dync1li1	9.9E+08	0.03	0.04	Q8R1Q8
Hist1h2ah	4.5E+09	0.03	0.04	Q8CGP6
Tceal1	3.5E+08	0.03	0.01	Q921P9
Wdr5	1.2E+08	0.03	0.01	P61965
Sez6l2	3.5E+09	0.03	0.04	Q4V9Z5
Pfkm	4.8E+09	0.03	0.06	P47857
Tom1l2	9.0E+08	0.03	0.04	Q5SRX1
Metap2	3.6E+08	0.03	0.02	Q3UI33
Atp8a1	2.9E+09	0.03	0.04	F6WYQ5
Brd4	1.9E+07	0.03	0.02	B0V2V6
Rab6a	5.4E+08	0.03	0.02	P35279
Snx1	3.3E+08	0.03	0.02	Q9WV80
U2surp	4.5E+07	0.03	0.03	Q6NV83
Dnm1l	1.3E+09	0.03	0.03	Q8K1M6

Sdf2	2.9E+07	0.03	0.01	Q9DCT5
Vamp1	3.5E+10	0.03	0.03	Q62442
Sart1	1.4E+08	0.03	0.01	Q9Z315
Mcam	1.2E+09	0.03	0.03	Q8R2Y2
Mtnd1	3.8E+07	0.03	0.01	P03888
Palmd	4.0E+08	0.03	0.01	Q9JHU2
Lgalsl	1.1E+09	0.03	0.02	Q8VED9
Lmtk3	3.0E+08	0.02	0.05	Q5XJV6
Rala	1.6E+09	0.02	0.02	P63321
Fgfr1op	6.9E+07	0.02	0.01	Q66JX5
Aip	9.4E+07	0.02	0.05	O08915
Cald1	8.2E+09	0.02	0.02	E9QA15
Ppfia3	6.6E+08	0.02	0.03	B8QI35
Hpcal1	3.2E+09	0.02	0.03	P62748
Ighg1	4.7E+08	0.02	0.00	A0A075B5P4
Tomm22	1.8E+08	0.02	0.01	Q9CPQ3
Coro1a	9.2E+08	0.02	0.01	O89053
Prrg1	2.4E+07	0.02	0.01	A2BFE8
Tigar	8.8E+07	0.02	0.01	Q8BZA9
Tusc2	3.1E+07	0.02	0.02	A0A0A6YWP5
Elavl1	1.3E+08	0.02	0.00	P70372
Snap25	3.9E+11	0.02	0.03	P60879
Sep-06	2.9E+09	0.02	0.02	Q9R1T4
Pkig	2.3E+09	0.02	0.02	O70139
Gpc4	2.6E+08	0.01	0.03	P51655
Grn	9.9E+08	0.01	0.01	P28798
Mn1	3.3E+07	0.01	0.01	D3YWE6
Scn2b	1.7E+09	0.01	0.01	Q56A07
Cx3cl1	9.0E+08	0.01	0.01	O35188
Bad	4.3E+08	0.01	0.01	Q3U9H3
Tpp2	9.3E+08	0.01	0.02	Q64514
Pnp	4.1E+08	0.01	0.01	Q543K9
P33monox	4.9E+08	0.01	0.01	Q9DBN4
Itpr1	2.5E+09	0.01	0.02	P11881
Ranbp9	4.6E+07	0.01	0.00	P69566
Sub1	1.1E+08	0.01	0.00	P11031
Sep-02	1.3E+09	0.01	0.00	P42208
Ensa	2.0E+10	0.01	0.01	P60840
Mpp2	3.0E+08	0.01	0.02	Q9WV34
Nyap2	4.7E+07	0.00	0.01	D3Z3N9
Dstn	1.7E+09	0.00	0.00	Q9R0P5
Irgq	2.2E+07	0.00	0.00	Q8VIM9
Cbx3	1.3E+09	0.00	0.00	Q9DCC5
Sep-07	7.4E+09	0.00	0.01	O55131

Ccsap	5.5E+08	0.00	0.00	Q8QZT2
Dpp4	3.6E+07	0.00	0.00	P28843
Pea15	4.9E+09	0.00	0.01	Q62048
Vamp3	3.9E+09	0.00	0.00	P63024
Mmp17	6.1E+07	0.00	0.00	Q9ROS3
Hsd17b4	4.3E+08	0.00	0.00	P51660
Inpp5j	8.3E+07	0.00	0.00	P59644
Copg1	3.5E+07	0.00	0.00	Q9QZE5
Srsf1	2.2E+09	0.00	0.00	Q6PDM2
Camkv	2.1E+09	0.00	0.00	Q3UHL1
Rab4b	3.5E+08	0.00	0.00	Q91ZR1
Epb41l2	1.3E+09	0.00	0.00	O70318
Chkb	4.3E+07	0.00	0.00	O55229
Eef1g	1.7E+09	0.00	0.00	Q9D8N0
Itga1	3.6E+08	0.00	0.00	Q3V3R4
Hist1h1c	2.4E+08	0.00	0.00	P15864
Suclg1	1.5E+09	0.00	0.00	Q9WUM5
Hnrnpk	2.2E+09	0.00	0.01	B2M1R6
Arpc5l	3.2E+09	0.00	0.00	A3KGQ6
Tmed9	5.5E+08	0.00	0.00	Q99KF1
Oat	2.5E+09	0.00	0.00	P29758
Apoa1	3.8E+10	0.00	0.00	Q00623
Cr1l	2.8E+08	-0.01	0.00	Q64735
Cops7a	2.8E+08	-0.01	0.01	Q9CZ04
Slmap	1.4E+08	-0.01	0.00	D3Z7V3
Lrrc8a	1.8E+08	-0.01	0.00	Q80WG5
Nhsl1	2.3E+08	-0.01	0.01	Q8CAF4
Ubxn2b	2.4E+07	-0.01	0.01	Q0KL01
Trappc3	4.2E+08	-0.01	0.01	O55013
Apba1	2.5E+08	-0.01	0.02	B2RUJ5
Terf2ip	6.1E+07	-0.01	0.00	Q91VL8
Amer2	2.5E+09	-0.01	0.01	Q8CCJ4
Golgb1	2.7E+08	-0.01	0.00	E9QAH1
Gnai2	1.2E+10	-0.01	0.02	P08752
Psmb6	2.5E+10	-0.01	0.01	Q60692
Luzp1	2.6E+08	-0.01	0.01	Q8R4U7
Ces1c	9.9E+09	-0.01	0.01	P23953
Lppr2	4.5E+08	-0.01	0.01	A0A087WQF0
Cstf2	5.5E+08	-0.01	0.01	Q8BIQ5
Ace2	2.5E+07	-0.01	0.01	Q8R0I0
Arpc1a	1.7E+09	-0.01	0.01	Q9R0Q6
Ndufab1	7.5E+09	-0.01	0.01	F6ZFT1
Tars	1.6E+08	-0.01	0.01	Q9D0R2
Atp6v1g2	2.6E+10	-0.01	0.01	Q9WTT4

Capza1	7.3E+08	-0.02	0.03	Q5RKN9
Slc7a6os	2.1E+08	-0.02	0.03	Q7TPE5
Pdia3	5.1E+09	-0.02	0.05	P27773
Cnksr2	9.0E+07	-0.02	0.02	Q80YA9
Cul2	5.5E+07	-0.02	0.01	Q9D4H8
Crmp1	3.5E+10	-0.02	0.03	Q6P1J1
Ppp3cb	8.1E+08	-0.02	0.02	E0CZ78
Cntn4	3.3E+08	-0.02	0.02	Q69Z26
Robo2	6.1E+07	-0.02	0.01	Q7TPD3
Nap1l5	7.4E+09	-0.02	0.01	Q9JJF0
Btf3l4	4.0E+09	-0.02	0.01	Q9CQH7
Snx27	1.8E+08	-0.02	0.01	Q3UHD6
Psmc4	2.0E+09	-0.02	0.03	O35226
Eif3a	1.6E+08	-0.02	0.05	P23116
Cgref1	9.8E+07	-0.02	0.01	Q8R1U2
Lxn	1.3E+09	-0.02	0.02	P70202
Sorcs1	1.2E+07	-0.02	0.02	Q9JLC4
MacroD2	1.9E+08	-0.02	0.02	Q3UYG8
Synj1	3.9E+09	-0.02	0.07	F7BQW7
6430548M08Rik	4.6E+08	-0.02	0.02	Q3TA40
Pafah1b1	4.4E+09	-0.02	0.03	P63005
Gpx4	3.4E+08	-0.02	0.04	S4R1E5
Hist1h1d	1.1E+09	-0.02	0.01	P43277
Ctnnb1	1.8E+09	-0.02	0.03	Q02248
Cab39	1.2E+08	-0.02	0.03	Q06138
Hspa4l	2.1E+09	-0.02	0.03	P48722
Gm5814	2.9E+08	-0.03	0.03	J3QP80
Snap47	4.2E+08	-0.03	0.03	Q8R570
Cacna2d3	1.6E+09	-0.03	0.03	Q9Z1L5
Tbcd	4.5E+07	-0.03	0.02	Q8BYA0
Eny2	2.1E+09	-0.03	0.04	Q9JIX0
Ngef	4.3E+07	-0.03	0.02	Q8CHT1
Atad1	2.3E+08	-0.03	0.05	Q9D5T0
Wdfy3	2.4E+07	-0.03	0.02	G3UYW1
Prdx6	2.3E+10	-0.03	0.04	Q6GT24
Atp6v0a1	2.0E+10	-0.03	0.04	K3W4T3
Rnh1	1.7E+09	-0.03	0.03	Q91VI7
Jmjd1c	7.3E+07	-0.03	0.01	Q69ZK6
Cntn6	1.5E+08	-0.03	0.02	Q9JMB8
Hmgn1	8.2E+08	-0.03	0.02	D3Z607
Nefl	7.6E+09	-0.03	0.05	P08551
Abat	1.3E+10	-0.03	0.07	P61922
Pgap1	1.4E+08	-0.03	0.04	Q3UUQ7
Sh3bgrl3	1.7E+10	-0.03	0.04	Q91VW3

Ppp1r12a	3.2E+08	-0.03	0.02	Q9DBR7
Ube2o	9.1E+08	-0.04	0.03	Q6ZPJ3
Mrpl50	2.5E+08	-0.04	0.01	Q8VDT9
Psmb4	4.1E+10	-0.04	0.06	P99026
Gfra2	6.0E+08	-0.04	0.04	O08842
Tbc1d10b	3.2E+08	-0.04	0.05	Q8BHL3
Pdcd5	2.4E+10	-0.04	0.02	P56812
Dbnl	3.0E+09	-0.04	0.04	Q62418
Psd3	8.7E+08	-0.04	0.05	F6Z9E6
Chm	1.1E+08	-0.04	0.04	Q3UR39
Elfn2	3.3E+08	-0.04	0.09	Q68FM6
Eif4g1	3.9E+08	-0.04	0.06	E9Q9E1
Asah1	1.2E+09	-0.04	0.03	Q9WV54
Arpc4	1.9E+09	-0.04	0.09	P59999
Ntrk2	1.8E+09	-0.04	0.04	P15209
Anxa5	1.3E+09	-0.04	0.06	P48036
Acat1	6.2E+09	-0.04	0.04	Q8QZT1
Ndufa5	1.2E+09	-0.04	0.05	Q9CPP6
Lrp1	4.8E+09	-0.04	0.29	Q91ZX7
Sssca1	2.7E+08	-0.04	0.05	P56873
Cotl1	2.6E+08	-0.04	0.01	Q9CQI6
Clasp2	3.0E+08	-0.04	0.05	Q8BRT1
Sep-11	6.1E+09	-0.04	0.04	Q8C1B7
Trim2	7.4E+08	-0.04	0.16	Q9ESN6
Wdr54	9.9E+07	-0.04	0.02	Q9R0D8
Atp2b2	1.4E+08	-0.04	0.04	S4R1C4
Bin1	8.5E+09	-0.04	0.04	O08539
Ccdc9	9.1E+08	-0.04	0.03	D3YW42
Cltc	3.8E+10	-0.04	0.10	Q68FD5
Gria2	5.4E+09	-0.04	0.20	G5E8H1
Hsp90aa1	8.2E+09	-0.04	0.08	P07901
Brinp1	8.2E+07	-0.04	0.04	Q920P3
Otud6b	6.3E+07	-0.05	0.02	Q8K2H2
Flna	9.3E+07	-0.05	0.02	B7FAU9
Sox2	2.6E+07	-0.05	0.02	Q60I23
Gpc1	1.1E+09	-0.05	0.10	Q9QZF2
Psma7	4.0E+10	-0.05	0.08	Q9Z2U0
Prkar2a	2.2E+09	-0.05	0.06	A0A0A6YX73
Map2	5.0E+09	-0.05	0.03	G3UZJ2
Ppp1r21	1.6E+08	-0.05	0.12	Q3TDD9
Med8	1.5E+08	-0.05	0.04	Q9DAY7
Golt1b	9.1E+08	-0.05	0.03	Q9CR60
Sdhb	1.0E+09	-0.05	0.05	Q9CQA3
Kcnq2	1.7E+08	-0.05	0.04	B7ZBV9

Cox7a1	8.4E+07	-0.05	0.02	P56392
Atp6v1d	3.7E+09	-0.05	0.06	P57746
Trim32	1.1E+08	-0.05	0.03	Q8CH72
Ubqln4	1.7E+09	-0.05	0.09	Q99NB8
Cap2	4.1E+09	-0.05	0.02	Q9CYT6
Scg2	1.5E+10	-0.05	0.07	Q03517
Lman1	4.4E+07	-0.05	0.03	Q9D0F3
Cabin1	2.8E+07	-0.05	0.03	G3X8Q1
Map1b	4.9E+10	-0.05	0.09	P14873
Atp1a3	1.1E+11	-0.05	0.12	Q6PIC6
Csnk2a1	1.2E+09	-0.05	0.06	Q60737
Scg5	2.6E+09	-0.05	0.03	P12961
Rab1A	5.1E+09	-0.05	0.07	P62821
Gga3	5.3E+07	-0.06	0.05	S4R2D2
Phb2	5.3E+09	0.65	0.50	O35129
Fxyd7	1.3E+10	-0.06	0.04	P59648
Cct7	2.0E+09	-0.06	0.08	P80313
Ap1b1	2.8E+08	-0.06	0.07	Q5SVG5
Tmem119	4.3E+08	-0.06	0.02	Q8R138
Rps2	4.6E+08	-0.06	0.09	P25444
Agap3	2.4E+08	-0.06	0.05	Q8VHH5
Ddc	1.3E+08	-0.06	0.08	O88533
Mpc2	3.4E+08	-0.06	0.07	Q9D023
Cpne6	4.7E+08	-0.06	0.04	Q9Z140
Slc6a5	2.2E+08	-0.06	0.06	B2RQX9
Bmpr2	6.2E+07	-0.06	0.04	O35607
Gsk3a	3.1E+08	-0.06	0.06	D3Z7E5
Psph	1.6E+08	-0.06	0.01	Q99LS3
Paip2b	1.7E+08	-0.06	0.02	Q91W45
	5.8E+07	-0.06	0.06	Q9D6W8
Pak3	1.3E+08	-0.06	0.04	Q61036
Rhog	1.1E+09	-0.06	0.11	P84096
Cplx1	7.2E+10	-0.06	0.05	P63040
Epb41l3	1.1E+10	-0.06	0.12	Q9WV92
Gm28062	8.3E+08	-0.06	0.13	G3XA10
Arpc3	2.9E+08	-0.06	0.02	Q9JM76
Gpr158	1.7E+09	-0.06	0.23	Q8C419
Ccdc177	9.9E+07	-0.06	0.03	Q3UHB8
Tpm2	2.9E+09	-0.07	0.04	A2AIM4
Sez6l	3.2E+08	-0.07	0.07	Q6P1D5
Lgi1	3.4E+09	-0.07	0.08	A0A0G2JGB7
Arfgap1	4.3E+08	-0.07	0.14	V9GXM1
Adrm1	1.4E+08	-0.07	0.03	Q9JKV1
Slc32a1	2.5E+09	-0.07	0.05	O35633

Fmn2	4.1E+08	-0.07	0.08	Q9JL04
Dis3l2	3.4E+07	-0.07	0.12	Q8CI75
Atp5a1	6.8E+10	-0.07	0.18	Q03265
Camk2g	3.8E+08	-0.07	0.04	Q923T9
Acsl3	7.8E+07	-0.08	0.16	Q9CZW4
Atp1a1	1.6E+10	-0.08	0.21	Q8VDN2
Thop1	1.3E+09	-0.08	0.09	Q8C1A5
Scoc	2.4E+09	-0.08	0.01	Q78YZ6
Dclk1	1.1E+09	-0.08	0.12	A0A0G2JGQ6
Strap	6.5E+08	-0.08	0.14	Q9Z1Z2
Kiaa1549	1.3E+09	-0.08	0.08	Q68FD9
Rell2	7.1E+08	-0.08	0.13	Q8BRJ3
Rgmb	2.2E+07	-0.08	0.07	Q7TQ33
Acadl	9.0E+08	-0.08	0.08	P51174
Iars2	9.1E+08	-0.08	0.23	Q8BIJ6
Slc25a4	8.3E+09	-0.08	0.10	P48962
Tpm1	2.0E+08	-0.08	0.04	F8WID5
Reep2	8.3E+08	-0.08	0.06	Q8VCD6
Psma1	3.6E+10	-0.08	0.12	Q9R1P4
Dync1i1	1.1E+09	-0.08	0.11	O88485
Atp2b3	1.7E+09	-0.09	0.16	Q0VF55
Ttyh1	1.6E+09	-0.09	0.11	Q9D3A9
Wnk2	9.6E+07	-0.09	0.12	E9Q6Q2
Ddx6	2.8E+08	-0.09	0.08	P54823
Snx3	4.6E+08	-0.09	0.10	Q78ZM0
Ncl	1.1E+09	-0.09	0.13	P09405
Aldh3b1	8.5E+07	-0.09	0.07	Q80VQ0
Ttc1	5.3E+09	-0.09	0.06	A2AJK8
Rpn1	5.9E+08	-0.09	0.23	Q91YQ5
Kcna2	1.6E+09	-0.09	0.10	P63141
Armc10	7.1E+07	-0.09	0.11	Q9D0L7
Aldh18a1	7.0E+07	-0.09	0.08	Q9Z110
Sh3bp5l	2.2E+07	-0.09	0.05	Q99LH9
Ubl4a	4.1E+09	-0.09	0.17	P21126
Sema7a	4.7E+08	-0.09	0.09	Q9QUR8
Tmsb15b2	3.7E+09	-0.09	0.06	A2AF31
	1.6E+09	-0.09	0.06	Q9D7E4
Phgdh	1.9E+09	-0.32	0.39	Q61753
Rpl5	3.9E+08	-0.09	0.04	P47962
Rnmt	3.1E+08	-0.09	0.12	Q9D0L8
Ndr1	5.8E+08	-0.09	0.07	Q62433
Mbp	1.2E+11	-0.09	0.14	P04370
Syncrin	3.9E+08	-0.09	0.07	G3UZI2
Mtmr1	4.0E+07	-0.09	0.05	Q9Z2C4

Agl	4.0E+08	-0.10	0.29	F8VPN4
Kcnj10	9.4E+08	-0.10	0.09	Q9JM63
Adam11	2.0E+08	-0.10	0.18	Q9R1V4
Actg1	9.2E+10	-0.10	0.18	P63260
Eno1	1.9E+10	-0.10	0.13	P17182
Fas	4.5E+07	-0.10	0.05	P25446
Ank2	3.0E+08	-0.10	0.08	S4R291
Vwa5a	2.1E+08	-0.10	0.09	Q99KC8
Ahnak	1.3E+10	-0.10	0.11	E9Q616
Eps15l1	3.8E+08	-0.10	0.10	Q60902
Strn	5.5E+08	-0.10	0.10	O55106
Baiap2	1.1E+09	-0.10	0.13	B1AZ46
Fam134a	8.0E+07	-0.10	0.07	Q6NS82
Kpnb1	9.1E+08	-0.10	0.18	P70168
Atg5	4.3E+07	-0.10	0.14	Q99J83
Mpi	7.4E+08	-0.10	0.13	Q924M7
Itih3	1.0E+08	-0.10	0.04	E9PVS1
Gfra1	1.3E+08	-0.11	0.16	D6RDD4
Avl9	8.1E+07	-0.11	0.07	Q80U56
Kiaa1671	7.3E+08	-0.11	0.18	Q8BRV5
Tpi1	2.6E+10	-0.11	0.11	P17751
Srr	4.2E+08	-0.11	0.10	Q9QZX7
Dctn4	6.6E+08	-0.11	0.13	Q8CBY8
Cntn1	2.4E+10	-0.11	0.38	P12960
Sec31a	4.9E+08	-0.11	0.11	Q3UPL0
Chga	3.6E+09	-0.11	0.12	P26339
Timm8b	1.1E+09	-0.11	0.19	P62077
Hcn2	1.7E+08	-0.11	0.31	O88703
Ppp1r2	7.4E+09	-0.11	0.08	Q9DCL8
Psma5	3.7E+10	-0.11	0.22	Q9Z2U1
Anpep	5.6E+08	-0.11	0.17	P97449
Pcx	1.6E+09	-0.11	0.24	G5E8R3
Mia3	1.9E+08	-0.11	0.10	Q8BI84
Rps3a	5.9E+08	-0.11	0.13	P97351
Slc1a3	7.6E+09	-0.12	0.10	P56564
Slc16a2	2.4E+07	-0.12	0.09	O70324
Anxa3	8.5E+07	-0.12	0.09	O35639
Acsbg1	5.4E+08	-0.12	0.19	Q99PU5
Apip	2.7E+08	-0.12	0.15	Q9WVQ5
Eprs	4.1E+08	-0.12	0.17	Q8CGC7
Tubb3	1.1E+10	-0.12	0.09	Q9ERD7
Tmem51	5.8E+08	-0.12	0.07	Q99LG1
Hnrnpa2b1	3.9E+09	-0.12	0.14	O88569
Tst	5.8E+08	-0.12	0.20	P52196

Timm13	8.4E+09	-0.12	0.12	P62075
Glud1	1.7E+10	-0.12	0.31	P26443
Ecm29	3.0E+08	-0.12	0.05	Q6PDI5
Lphn3	2.6E+08	-0.12	0.20	Q80TS3
Ptges2	1.6E+08	-0.12	0.08	Q8BWM0
Podxl2	9.6E+08	-0.12	0.19	G3X9D3
As3mt	6.1E+07	-0.12	0.08	Q91WU5
Hyou1	5.8E+08	-0.12	0.18	Q9JKR6
Preb	2.0E+08	-0.12	0.12	Q9WUQ2
Pitrm1	9.5E+07	-0.12	0.06	Q8K411
Rell1	1.4E+07	-0.12	0.07	Q8K2J7
Arpc5	2.6E+09	-0.12	0.41	Q9CPW4
Pacs1	5.9E+08	-0.12	0.18	Q8K212
Itпка	1.8E+08	-0.12	0.16	Q8R071
Pdia4	5.3E+08	-0.12	0.22	P08003
Mccc1	7.8E+08	-0.12	0.03	Q99MR8
Ctnnd2	8.8E+08	-0.12	0.10	E9QKH8
Cct6a	2.1E+09	-0.13	0.18	P80317
	6.4E+08	-0.13	0.08	Q99M08
Acsl1	1.3E+08	-0.13	0.25	D3Z041
Rcn2	1.4E+09	-0.13	0.05	Q8BP92
Alg2	7.1E+07	-0.13	0.05	Q9DBE8
Caprin1	8.9E+09	-0.13	0.24	Q60865
Ppp1cb	3.6E+09	0.65	1.05	P62141
Fnta	8.8E+07	-0.13	0.07	Q61239
Exoc2	3.3E+07	-0.13	0.09	Q9D4H1
Cep170	2.5E+08	-0.13	0.15	H7BX26
Gng2	3.0E+10	-0.13	0.21	P63213
Cadm1	1.9E+10	-0.13	0.18	Q8R5M8
Gnb5	9.9E+08	-0.13	0.08	P62881
Tcea1	1.2E+09	-0.14	0.13	P10711
Nsf	1.2E+10	-0.14	0.44	P46460
Triap1	3.6E+09	-0.14	0.15	Q9D8Z2
Prpsap2	1.3E+08	-0.14	0.10	Q8R574
Glul	2.0E+10	-0.14	0.23	P15105
Psat1	3.5E+09	-0.14	0.28	Q99K85
Ilf3	1.1E+08	-0.14	0.22	Q9Z1X4
Wasf1	6.9E+08	-0.14	0.19	Q8R5H6
Prpf19	5.5E+08	-0.14	0.17	Q99KP6
Dgkh	3.5E+07	-0.14	0.10	D3YXJ0
Hspa4	8.6E+09	-0.14	0.35	Q3U2G2
Atp6v1e1	6.3E+09	-0.14	0.15	P50518
Specc1	2.3E+09	-0.14	0.22	Q5SXY1
Anapc16	1.3E+07	-0.14	0.11	S4R1V1

Mapre3	9.1E+08	-0.14	0.31	Q6PER3
Nefm	1.0E+10	-0.14	0.22	P08553
Sult4a1	9.2E+07	-0.14	0.07	P63046
Cgn	1.1E+09	-0.14	0.08	D3YUW7
Nampt	3.1E+08	-0.14	0.14	Q99KQ4
Paccin1	2.6E+10	-0.14	0.35	Q61644
Cpd	9.8E+07	-0.14	0.07	O89001
Hspa2	2.5E+08	-0.15	0.11	P17156
Grm3	4.8E+08	-0.15	0.11	Q9QYS2
Snph	3.0E+08	-0.15	0.13	Q80U23
Cox7c	7.0E+08	-0.15	0.12	P17665
Lrrc47	1.5E+08	-0.15	0.18	Q505F5
Kars	4.1E+08	-0.15	0.22	Q99MN1
Cdk5	4.0E+08	-0.15	0.16	P49615
Tomm34	9.1E+07	-0.15	0.12	Q9CYG7
Lrrtm1	1.0E+08	-0.15	0.08	Q8K377
Slc6a9	1.1E+08	-0.15	0.06	E9Q517
Abi1	9.9E+08	-0.15	0.29	B7ZCU2
Arrb1	3.7E+08	-0.15	0.09	Q8BWG8
Pdxdp	6.5E+08	-0.15	0.24	P60487
Nfs1	4.6E+07	-0.15	0.09	Q9Z1J3
Slc4a4	4.0E+09	-0.15	0.40	E9Q8N8
Snx2	4.9E+08	-0.15	0.31	Q9CWK8
Hsbp1	3.2E+09	-0.15	0.14	Q9CQZ1
Ca8	6.4E+08	-0.15	0.24	P28651
Ccdc12	1.8E+09	-0.15	0.09	Q8R344
Sptbn1	1.6E+10	-0.15	0.30	Q62261
Aldh6a1	4.6E+08	-0.16	0.16	Q9EQ20
Nfasc	9.2E+09	-0.16	0.31	A0A087WR56
Usf2	3.9E+08	-0.16	0.12	E9PXC2
Srcin1	6.2E+08	-0.16	0.18	B1AQX9
Hk1	1.1E+10	-0.16	0.23	G3UVV4
Ca2	3.4E+09	-0.16	0.47	P00920
Rab18	8.6E+08	-0.16	0.18	P35293
Uqcrc1	6.8E+09	-0.16	0.23	Q9CZ13
Rtcb	6.2E+08	-0.16	0.31	Q99LF4
Camsap3	3.6E+07	-0.16	0.12	Q80VC9
Sptan1	2.4E+10	-0.16	0.38	A3KGU7
Kctd3	2.2E+08	-0.16	0.14	Q8BFX3
Npepps	3.1E+09	-0.16	0.25	Q11011
Appl1	3.0E+08	-0.16	0.19	Q8K3H0
Gng8	2.6E+08	-0.16	0.06	P63078
Ntng2	6.7E+07	-0.16	0.06	V9GX85
Apeh	2.3E+08	-0.16	0.15	Q8R146

Epb4.1l1	1.6E+09	-0.16	0.36	A2AUK5
Cav1	8.2E+07	-0.16	0.05	D3Z148
Efhhd2	3.7E+09	-0.16	0.20	Q8C845
Bag6	1.4E+09	-0.16	0.28	Q3UF95
Adap1	4.2E+08	-0.16	0.16	E9PY16
Pitpna	9.5E+08	-0.16	0.28	J3QQ30
Ctnna2	7.7E+08	-0.16	0.32	E0CXB9
Tecpr1	1.6E+08	-0.16	0.09	Q80VP0
Dync1li2	3.3E+08	-0.16	0.22	Q6PDL0
Syt11	3.5E+07	-0.16	0.08	Q9R0N3
Akr1b1	7.2E+08	-0.17	0.12	P45376
Slc17a6	5.7E+08	-0.17	0.14	Q8BLE7
Syt1	2.3E+10	-0.17	0.25	P46096
Lppr3	2.7E+08	-0.17	0.08	Q7TPB0
Hsph1	2.5E+09	-0.17	0.22	Q61699
Csrp1	3.1E+09	-0.17	0.12	P97315
Adam22	1.9E+09	-0.17	0.28	Q9R1V6
Dnajc6	3.3E+08	-0.17	0.21	Q80TZ3
Nudt2	1.2E+08	-0.17	0.13	P56380
Ndufb4	1.2E+09	-0.17	0.11	Q9CQC7
Git1	2.1E+08	-0.17	0.19	Q68FF6
Mif	1.5E+10	-0.17	0.16	P34884
Htatsf1	8.2E+07	-0.17	0.15	Q8BGC0
Dctn5	2.8E+08	-0.17	0.20	Q9QZB9
Inpp5a	7.3E+07	-0.17	0.06	Q7TNC9
Cdc42ep4	3.2E+08	-0.17	0.12	Q9JM96
Stxbp5	1.3E+09	-0.17	0.47	D3Z079
Slc17a7	2.4E+09	-0.17	0.16	Q3TXX4
Rogdi	2.2E+08	-0.17	0.12	Q3TDK6
Anxa6	1.3E+09	-0.17	0.17	P14824
Ide	2.2E+08	-0.17	0.94	F6RPJ9
Tacc2	6.4E+08	-0.17	0.20	E9Q8T1
Ssbp1	8.8E+08	-0.17	0.13	Q8R2K3
Hacd3	2.9E+08	-0.18	0.08	Q8K2C9
Pgd	5.3E+08	-0.18	0.21	Q9DCD0
Gpd2	5.3E+09	-0.18	0.37	Q64521
Bai1	1.1E+08	-0.18	0.52	Q3UHD1
Ntng1	4.4E+08	-0.18	0.12	Q8R4G0
Pip4k2b	3.7E+08	-0.18	0.16	Q80XI4
Nae1	1.8E+08	-0.18	0.19	E0CZE0
Mdga2	2.8E+07	-0.18	0.07	B2RQF5
Ckb	3.6E+10	-0.18	0.34	Q04447
Atp2b1	4.3E+09	-0.18	0.80	G5E829
Igsf8	4.9E+09	-0.18	0.23	G3UYZ1

Mdh1	2.6E+10	-0.18	0.46	P14152
Sh3glb2	1.3E+09	-0.18	0.21	A2AWI7
Ybx1	6.4E+09	-0.18	0.13	P62960
Podxl	2.4E+09	-0.18	0.18	Q9R0M4
Huwe1	2.6E+08	-0.18	0.19	Q7TMY8
Gdap1	1.9E+08	-0.18	0.28	O88741
Prph	4.4E+07	1.80	0.73	G5E846
Dpysl5	3.1E+09	-0.18	0.25	Q9EQF6
Slc4a3	9.8E+07	-0.18	0.25	P16283
Mars	2.5E+08	-0.18	0.31	E9QB02
Stam	1.7E+08	-0.18	0.18	Q3UGN9
Rab7a	4.2E+09	-0.18	0.20	P51150
Cntnap1	1.9E+09	-0.18	0.22	O54991
Fam3c	6.9E+07	-0.18	0.06	G3X911
Rab3gap1	5.9E+07	-1.28	0.91	Q80UJ7
Crtac1	2.7E+08	-0.19	0.16	Q8R555
Hnrnpm	1.5E+08	-0.19	0.19	Q9D0E1
Denr	8.2E+08	-0.19	0.08	Q9CQJ6
Myeov2	7.7E+08	-0.19	0.03	Q3U898
Cisd1	1.9E+10	-0.19	0.26	Q91WS0
Arf1	6.1E+09	-0.19	0.09	P84078
Rpl21	3.3E+08	-0.19	0.25	Q9CQM8
Arcn1	1.6E+08	-0.19	0.20	Q5XJY5
Acyp2	6.8E+08	-0.19	0.12	P56375
Bpnt1	1.1E+09	-0.19	0.37	Q9Z0S1
Txndc5	1.4E+08	-0.19	0.33	E9PXX7
Lrrc59	2.7E+09	-0.19	0.18	Q922Q8
Rab3gap2	8.6E+07	0.88	0.42	E9QKE4
Tom1l2	1.6E+07	-0.19	0.11	F6RBX1
Agpat1	1.1E+08	-0.19	0.09	O35083
Sep-03	2.0E+09	-0.19	0.33	Q9Z1S5
Cct4	3.0E+09	-0.19	0.51	P80315
Tuba1b	1.8E+11	-0.19	0.50	P05213
Gabra1	1.5E+08	-0.20	0.31	P62812
Zdhhc5	1.2E+08	-0.20	0.10	Q8VDZ4
Kcna1	3.3E+08	-0.20	0.08	P16388
Opalin	5.0E+09	-0.20	0.13	Q7M750
Gstm5	7.2E+08	-0.20	0.29	P48774
Taok1	6.4E+07	-0.20	0.09	Q5F2E8
Purb	9.8E+08	-0.20	0.21	O35295
Calb2	3.9E+09	-0.20	0.70	Q08331
Ppp6r3	9.3E+07	-0.20	0.56	Q922D4
Drg1	3.7E+07	-0.20	0.22	P32233
Pgm211	5.8E+08	-0.20	0.45	Q8CAA7

Atp1b1	5.7E+10	-0.20	0.43	P14094
Golga3	8.1E+07	-0.20	0.19	E9QP99
Rac1	6.7E+09	-0.20	0.27	Q3TLP8
Sh3gl3	4.3E+07	-0.20	0.16	J3QQ44
Ap3d1	4.1E+08	-0.20	0.22	O54774
Ndufa4	1.1E+10	-0.20	0.39	Q62425
Madd	2.7E+08	-0.21	0.29	A2AGQ6
Ppp2r5a	6.8E+07	-0.21	0.27	Q6PD03
Nlgn3	4.8E+08	-0.21	0.16	Q8BYM5
Snrpd3	3.1E+09	-0.21	0.19	P62320
Tmem163	1.3E+09	-0.21	0.25	Q8C996
Etfa	1.3E+09	-0.21	0.31	Q99LC5
Prmt8	9.9E+07	-0.21	0.11	Q6PAK3
Dnajb11	9.2E+07	-0.21	0.09	Q99KV1
Tmod1	1.7E+08	-0.21	0.19	P49813
Grb2	4.0E+08	-0.21	0.28	Q60631
Napa	2.1E+09	-0.21	0.35	Q9DB05
Sep-04	8.5E+08	-0.21	0.51	P28661
D430041D05Rik	4.7E+08	-0.21	0.14	F6ZGR6
Slk	5.8E+07	-0.21	0.10	O54988
Crtc1	2.5E+09	-0.21	0.67	Q68ED7
Sash1	2.0E+07	-0.21	0.15	F8VQK5
Mtch1	2.8E+08	-0.22	0.33	Q791T5
Cdh11	1.2E+08	-0.22	0.09	P55288
Dr1	8.3E+08	-0.22	0.31	Q91WV0
Ppp2r2a	9.0E+08	-0.22	0.40	Q6P1F6
Lrrtm2	4.2E+07	-0.22	0.29	Q8BGA3
Cacnb4	3.9E+08	-0.22	0.27	Q8ROS4
Bin2	1.2E+07	-0.22	0.13	S4R1B8
Cep76	5.5E+07	-0.22	0.12	Q0VEJ0
Pkm	4.8E+10	-0.22	0.39	P52480
Hars	2.9E+08	-0.22	0.91	Q61035
Tufm	1.6E+09	-0.22	0.44	Q8BFR5
Ap2a2	8.1E+09	-0.22	0.68	P17427
Aco2	2.8E+10	-0.22	0.43	Q99KI0
Gnao1	1.3E+10	-0.22	0.30	P18872
Dmxl2	1.7E+09	-0.22	0.81	Q8BPN8
Twf1	4.4E+08	-0.22	0.41	Q91YR1
Hras	1.1E+09	-0.22	0.27	Q61411
Usmg5	5.8E+09	-0.22	0.09	Q78IK2
Prkcsh	1.5E+09	-0.22	0.23	O08795
Bphl	4.5E+08	-0.23	0.33	Q8R164
Gnaq	2.1E+09	-0.23	0.21	P21279
Cadm3	4.0E+09	-0.23	0.30	Q99N28

Tollip	5.1E+08	-0.23	0.21	Q9QZ06
Syt3	5.8E+07	-0.23	0.13	G3X9Y1
Gab1	1.9E+08	-0.23	0.18	Q9QYY0
Blmh	3.0E+08	-0.23	0.16	Q8R016
Ndufv1	2.8E+09	-0.23	0.26	D3YUM1
Mapre1	5.4E+08	-0.23	0.26	Q61166
Lnp	8.0E+08	-0.23	0.32	Q7TQ95
Alyref	2.8E+09	-0.23	0.09	O08583
Ergic1	8.2E+07	-0.23	0.20	Q9DC16
Napb	4.7E+09	-0.23	0.51	P28663
Mag	1.3E+10	-0.23	0.23	P20917
Ranbp1	8.7E+09	-0.23	0.62	P34022
Psmc6	5.6E+08	-0.23	0.39	Q99JI4
Safb2	5.5E+07	-0.23	0.08	Q80YR5
Gsto1	1.5E+08	-0.23	0.08	O09131
Gng3	4.2E+08	-0.23	0.22	P63216
Tcp1	3.5E+09	-0.23	0.86	P11983
Eif4a2	3.1E+09	-0.23	0.22	P10630
Fundc2	5.0E+08	-0.23	0.19	Q9D6K8
Aga	1.1E+08	-0.23	0.30	Q64191
Cask	3.4E+08	-0.23	0.44	O70589
Cacnb3	4.8E+07	-0.23	0.17	D3Z3Z3
Sephs1	5.8E+08	-0.24	0.43	Q8BH69
Atp2b4	7.6E+08	-0.24	0.64	E9Q828
Mapk10	4.2E+07	-0.24	0.22	Q3TQZ7
Ndufs5	8.9E+08	-0.24	0.10	B1ARW4
	7.3E+08	-0.24	0.28	Q3UY34
Suox	4.0E+07	-0.24	0.09	Q8R086
Srsf11	7.3E+07	-0.24	0.10	Q3UIX4
Erp29	2.4E+08	-0.24	0.15	P57759
Rnf214	1.8E+08	-0.24	0.17	Q8BFU3
Homer3	2.7E+08	-0.24	0.42	Q99JP6
Pck2	4.1E+07	-0.24	0.16	Q8BH04
Sdha	4.7E+09	-0.24	0.16	Q8K2B3
Phactr4	6.8E+08	-0.24	0.29	Q501J7
Atp2a2	4.5E+09	-0.24	0.63	J3KMM5
Mrps36	1.9E+10	-0.24	0.25	Q9D6T9
Cyb5r3	7.1E+08	-0.24	0.65	F2Z456
Tf	3.6E+09	-0.24	0.08	Q921I1
Gatm	5.4E+07	-0.24	0.17	Q9D964
Gorab	7.5E+07	-0.24	0.09	A0A087WQS3
Calr	1.9E+09	-0.24	0.37	P14211
Adam17	2.9E+08	-0.24	0.22	Q9Z0F8
Hip1r	1.3E+08	-0.24	0.59	Q9JKY5

Psmc2	6.3E+08	-0.25	0.21	Q8VDM4
Gpsm1	3.0E+09	-0.25	0.37	Q6IR34
Snw1	3.7E+08	-0.25	0.91	A0A0B4J1E2
Nudt3	1.3E+09	-0.25	0.32	Q9JI46
Vta1	2.7E+08	-0.25	0.05	Q9CR26
Rab6b	1.3E+10	-0.25	0.47	P61294
Sv2a	4.6E+09	-0.25	0.34	Q9JIS5
Slc12a5	2.5E+09	-0.25	0.66	Q91V14
Pgs1	2.4E+07	-0.25	0.16	Q8BHF7
Ndufb10	1.8E+09	-0.25	0.13	D3YUK4
Gnb2	1.4E+10	-0.25	0.50	P62880
Akr1e2	4.0E+07	-0.25	0.25	Q9DCT1
Ccdc85b	1.5E+08	-0.25	0.11	Q6PDY0
Ppp1r9a	3.0E+08	-0.25	0.50	H3BKQ7
Me1	9.7E+08	-0.25	0.17	P06801
Pcdh17	4.9E+08	-0.25	0.33	E9PXF0
M6pr	7.1E+08	-0.25	0.18	P24668
Ccar2	3.8E+08	-0.25	0.39	Q8VDP4
Arpp19	4.1E+09	-0.25	0.17	P56212
Svop	5.9E+08	-0.26	0.25	Q8BFT9
Ndufa10	5.1E+08	-0.26	0.40	Q99LC3
Echs1	1.1E+09	-0.26	0.29	Q8BH95
Palmd	1.4E+09	-0.26	0.66	Q3UVT7
Dpysl3	1.0E+10	-0.26	0.31	Q3TT92
Pafah1b3	2.3E+08	-0.26	0.26	Q61205
Nceh1	4.7E+08	-0.26	0.53	Q8BLF1
Cntnap4	1.0E+08	-0.26	0.14	D3YWB9
Ppp2r5e	5.3E+08	-0.26	0.22	Q61151
Aldh1l1	1.5E+09	-0.26	0.83	Q8R0Y6
Rab2a	4.4E+09	-0.26	0.32	P53994
Slc16a1	2.2E+08	-0.26	0.22	P53986
Ppp3ca	1.2E+10	-0.26	0.65	P63328
Dhx15	3.1E+08	-0.26	0.39	O35286
Edc4	4.7E+07	-0.26	0.16	Q3UJB9
Bloc1s3	9.6E+07	-0.27	0.14	Q5U5M8
Fbxl16	1.0E+08	-0.27	0.11	A2RT62
F3	1.4E+08	-0.27	0.29	P20352
Nadk2	1.0E+08	-0.27	0.07	Q8C5H8
Dnajc11	2.2E+08	-0.27	0.14	Q5U458
Tfe3	2.9E+07	-0.27	0.36	A2AEW0
Rbp1	9.5E+07	-1.24	0.77	Q00915
Ephx1	3.6E+08	-0.27	0.20	Q9D379
Fabp5	1.8E+10	-0.27	0.43	Q05816
Cmtm5	1.9E+09	-0.27	0.29	Q9D6G9

Sptbn2	3.6E+09	-0.27	1.32	Q68FG2
Fsd1	9.9E+07	-0.27	0.44	Q7TPM6
	3.3E+08	-0.27	0.36	Q9CQE8
Rps14	2.6E+08	-0.27	0.33	P62264
Rab10	1.0E+09	-0.27	0.33	P61027
Daam1	2.0E+07	-0.27	0.16	Q8BPM0
Vcpip1	7.7E+07	-0.27	0.80	Q8CDG3
Plxnb2	7.5E+08	-0.27	0.15	B2RXS4
Glrx3	1.3E+08	-0.27	0.31	Q9CQM9
Tecr	9.9E+07	-0.28	0.12	G3UWE1
Acbd6	8.7E+07	-0.28	0.23	Q9D061
Nipsnap1	1.2E+09	-0.28	0.26	O55125
Cul3	4.3E+08	-0.28	0.53	Q9JLV5
Ccdc91	6.0E+08	-0.28	0.42	Q9D8L5
C1qbp	6.7E+08	-0.28	0.17	Q8R5L1
Cct3	4.9E+09	-0.28	0.38	P80318
Zfand6	1.5E+08	-0.28	0.10	Q9DCH6
Picalm	1.0E+08	-0.28	0.11	Q7M6Y3
Gstp1	2.5E+09	-0.28	0.57	P19157
Eif3d	3.8E+07	-0.28	0.23	O70194
Sep-08	2.3E+09	-0.28	0.54	B1AQZ0
Th	3.0E+07	-0.28	0.19	P24529
Oxr1	1.4E+09	-0.28	0.37	Q4KMM3
Tcp11l1	6.5E+07	-0.28	0.18	Q8BTG3
Yars	6.6E+08	-0.28	0.53	Q91WQ3
Prkra	1.5E+07	-0.28	0.18	Q9WTX2
Cacna2d1	8.2E+09	-0.28	0.64	O08532
Adam23	1.3E+09	-0.28	0.39	Q9R1V7
Bola2	4.5E+08	-0.28	0.37	Q8BGS2
Ap1m1	2.7E+08	-0.28	0.32	P35585
Rasa1	8.0E+07	-0.28	0.20	Q9Z268
Tyro3	2.2E+07	-0.28	0.58	P55144
Syn2	1.2E+10	-0.28	0.35	Q64332
L2hgdh	1.0E+08	-0.28	0.23	Q91YP0
Ckap5	3.0E+08	-0.28	0.44	Z4YL78
Fam49b	1.4E+09	-0.28	0.55	Q921M7
Ahnak2	1.5E+09	-0.29	0.17	F7CVJ5
Bcs1l	1.8E+08	-0.29	0.15	Q9CZP5
Usp5	2.8E+09	-0.29	0.94	Q3U4W8
Cap1	3.5E+09	-0.29	1.27	P40124
Gja1	7.1E+09	-0.29	0.39	P23242
MLlt4	2.6E+08	-0.29	0.23	E9Q852
Slc25a12	3.4E+09	-0.29	0.63	Q8BH59
Dnm1	1.0E+10	-0.29	0.89	P39053

Itga6	1.3E+08	-0.29	0.41	Q61739
Pdcd6ip	3.3E+08	-0.29	0.50	Q9WU78
Gfm1	2.4E+07	-0.29	0.29	Q8K0D5
Tubb4b	1.9E+11	-0.29	0.84	P68372
Hnrnpa0	1.7E+08	-0.29	0.07	Q9CX86
Prkcg	1.8E+09	-0.29	0.46	P63318
Eif3c	8.3E+07	-0.30	0.20	Q8R1B4
Txn1	6.0E+08	-0.30	0.67	Q8CDN6
Rab21	4.0E+08	-0.30	0.22	P35282
Rangap1	4.0E+07	-0.30	0.30	P46061
Map2k2	3.1E+07	-0.30	0.21	Q91YS7
Sec22b	3.7E+08	-0.30	0.27	O08547
Prkce	3.5E+08	-0.30	0.61	P16054
Ttc38	2.4E+07	-0.30	0.18	A3KMP2
Cox4i2	4.1E+07	-0.30	0.13	Q91W29
Gtpbp1	6.7E+07	-0.30	0.26	O08582
Rps17	3.2E+08	-0.30	0.19	P63276
Gpm6b	1.2E+10	-0.30	0.23	A2AEG6
Gapdh	6.1E+10	-0.30	0.42	P16858
Apoo	6.0E+08	-0.30	0.23	Q9DCZ4
Cnot3	1.8E+07	-0.30	0.40	Q8K0V4
Rab31	8.6E+07	-0.30	0.14	Q3TXV4
Map2k1	1.0E+09	-0.30	0.46	P31938
Nov	4.8E+08	-0.30	0.30	Q64299
Vps11	2.3E+07	-0.30	0.25	Q91W86
Vars	3.2E+08	-0.30	0.32	Q9Z1Q9
Sfxn1	3.5E+08	-0.30	0.28	Q99JR1
Vsn1	5.5E+09	-0.30	0.44	P62761
Map2k4	5.0E+08	-0.30	0.44	P47809
Dync1h1	1.1E+10	-0.30	1.65	Q9JHU4
Ivd	6.1E+08	-0.30	0.35	Q9JHI5
Ttc3	3.0E+07	-0.31	0.43	G5E8T2
Sf3b3	3.2E+08	-0.31	0.36	Q921M3
Dab2ip	4.4E+07	-0.31	0.24	F6RK07
Eif2b4	4.7E+07	-0.31	0.17	D3Z780
Klc2	1.7E+08	-0.31	0.57	D3YXZ3
Gmids	1.5E+08	-0.31	0.33	Q8K0C9
Tfg	6.7E+08	-0.31	0.07	Q9Z1A1
Sucla2	2.9E+09	-0.31	0.27	Q9Z2I9
Prepl	3.0E+08	-0.31	0.60	Q8C167
Shank2	7.3E+08	-0.31	0.42	D3Z5K8
Usp7	7.4E+07	-0.31	0.57	F8VPX1
Slc8a1	7.7E+08	-0.31	0.89	Q68FL0
Gpi	1.2E+10	-0.31	0.41	P06745

Dusp3	6.4E+08	-0.31	0.28	Q9D7X3
Cspg4	6.5E+07	-0.32	0.26	Q8VHY0
Rph3a	1.9E+09	-0.32	0.49	P47708
Reep5	3.2E+08	0.36	0.09	G3X8R0
Efnb3	1.8E+08	-0.32	0.28	O35393
Slc2a3	2.9E+09	-0.32	0.52	P32037
Wdr37	4.3E+08	-0.32	0.31	Q8CBE3
Use1	3.8E+07	-0.32	0.19	E9Q496
Rap1gap	3.5E+08	-0.32	0.40	A2ALS5
Hnrnpr	7.0E+07	-0.32	0.41	Q8VHM5
Uba2	2.1E+08	-0.32	0.31	Q9Z1F9
Zc3h15	7.1E+07	-0.32	0.14	Q3TIV5
Enpp5	8.6E+07	-0.32	0.13	Q9EQG7
Mlec	1.6E+08	-0.32	0.26	Q6ZQI3
Psmc12	2.2E+08	-0.32	0.34	Q9D8W5
Rab5c	2.9E+09	-0.32	0.72	P35278
Dlg2	6.2E+08	-0.33	0.56	D3YUZ8
Islr2	6.8E+07	-0.33	0.50	Q5RKR3
Dagla	3.6E+07	-0.33	0.43	Q6WQJ1
Camk1d	8.8E+07	-0.33	0.28	Q8BW96
Ctsd	1.1E+09	-0.33	0.48	P18242
Gna13	1.7E+08	-0.33	0.40	P27601
Cct2	3.6E+09	-0.33	0.52	P80314
Ube2n	3.7E+09	-0.33	1.06	P61089
Vimp	6.8E+08	-0.33	0.42	Q9BCZ4
Acsf2	1.1E+08	-0.33	0.15	Q8VCW8
Med10	7.5E+07	-0.33	0.16	Q9CXU0
Hnrnpa1	5.6E+08	-0.33	0.15	P49312
Actr1a	7.1E+08	-0.33	0.47	P61164
Snx12	3.9E+08	-0.33	0.55	Q6ZWQ5
Rpn2	4.2E+08	-0.33	1.19	A2ACG7
Slc6a11	4.1E+09	-0.33	0.53	P31650
Ndrp4	5.0E+08	-0.33	0.37	Q8BTG7
Camk2a	1.9E+10	-0.34	0.90	P11798
Fam114a2	3.7E+07	-0.34	0.17	Q8VE88
Ndufb5	3.9E+08	-0.34	0.21	Q9CQH3
Arhgap1	5.8E+08	-0.34	0.40	Q5FWK3
Plxna1	2.9E+08	-0.34	0.28	P70206
Nmral1	8.3E+07	-0.34	0.43	Q8K2T1
Ppp1r14a	1.9E+09	-0.34	0.67	Q91VC7
Dtnbp1	9.6E+07	-0.34	0.13	K3W4R3
Rps11	1.4E+08	-0.34	0.47	P62281
Cse1l	4.2E+08	-0.34	0.45	Q9ERK4
Pdlim4	4.5E+07	-0.34	0.78	P70271

Plcb1	2.2E+09	-0.34	1.75	Q9Z1B3
Hmox2	1.6E+08	-0.34	0.45	O70252
Mtx1	1.1E+08	-0.34	0.33	G3XA66
Snap91	1.5E+09	-0.34	0.55	E9Q9A3
Fahd2	2.8E+08	-0.34	0.72	Q3TC72
Araf	9.3E+07	-0.34	0.48	P04627
Tnfaip8	5.7E+07	-0.34	0.15	Q921Z5
	3.9E+08	-0.34	0.08	P58686
Phyhip	6.6E+08	-0.34	0.31	Q8K0S0
Gdi2	1.5E+09	-0.34	1.04	Q61598
Pcbp2	1.4E+09	-0.35	0.26	Q61990
Bid	1.5E+09	-0.35	0.48	P70444
Hspa9	4.5E+09	-0.35	0.93	P38647
Tbcb	1.3E+08	-0.35	0.09	Q9D1E6
Farp1	2.8E+08	-0.35	0.24	F8VPU2
Dda1	4.5E+07	-0.35	0.12	Q9D9Z5
Sf3b2	8.6E+08	-0.35	0.57	Q3UIB0
Protein	1.6E+08	-0.35	0.28	Q3UZV7
Bcap31	6.1E+09	-0.35	0.42	Q61335
Isoc2a	5.8E+08	-0.35	0.22	P85094
Rnf11	2.5E+08	-0.35	0.37	Q9QYK7
Zc3h18	7.2E+07	-0.35	0.18	Q0P678
Syp	1.0E+10	-0.35	0.39	Q62277
Esyt2	1.1E+08	-0.35	0.63	Q3TZZ7
Hibch	2.1E+08	-0.35	0.16	Q8QZS1
Plec	5.0E+08	-0.35	0.44	Q9QXS1
Stx16	1.1E+08	-0.35	0.26	F6X4N5
Camkk2	1.1E+08	-0.35	0.41	Q8C078
Pygm	1.7E+09	-0.35	0.44	Q9WUB3
Scrn1	1.0E+09	-0.35	0.69	Q9CZC8
Crkl	9.5E+07	-0.35	0.21	P47941
Psd	7.0E+07	-0.35	0.33	Q5DTT2
Ccdc32	3.2E+08	-0.35	0.18	Q3UHY7
Gng13	7.1E+09	-0.36	0.28	Q9JMF3
Mtss1l	1.2E+08	-0.36	0.33	D3YWC9
Wbp4	1.4E+08	-0.36	0.17	Q61048
Rab3a	1.5E+10	-0.36	0.58	P63011
Farsa	1.0E+08	-0.36	0.20	Q8C0C7
Bub3	2.3E+08	-0.36	0.33	Q9WVA3
Trim28	4.7E+08	-0.36	0.43	Q62318
Myh10	4.2E+09	-0.36	0.66	Q5SV64
Vim	7.2E+08	-0.36	0.67	P20152
Fam213a	3.7E+08	-0.36	0.13	Q9CYH2
Atp5o	3.0E+09	-0.36	0.63	Q9DB20

Zc3h4	1.7E+08	-0.36	0.25	E9Q8K8
Rmdn3	2.2E+08	-0.19	0.22	Q3UJU9
Tubb5	8.9E+09	-0.36	0.31	P99024
Vps52	4.8E+07	-0.36	0.28	Q8C754
Slc6a1	7.5E+09	-0.36	0.33	P31648
Snd1	1.8E+08	-0.36	0.54	Q78PY7
Eef1a2	1.2E+10	-0.36	0.79	P62631
Cadps	1.5E+09	-0.36	0.86	Q80TJ1
Myh9	2.4E+09	-0.37	0.84	Q8VDD5
Aldoc	2.8E+10	-0.37	0.66	P05063
Icam1	1.8E+08	-0.37	0.22	P13597
Fkbp4	2.4E+08	-0.37	0.71	P30416
Fgf1	1.2E+08	-0.37	0.22	P61148
Nckap1	1.2E+09	-0.37	0.56	P28660
Atl1	2.2E+08	-0.37	0.39	Q8BH66
Idh3a	8.2E+09	-0.37	0.68	Q9D6R2
Birc6	1.5E+07	-0.37	0.37	S4R1L5
Ephx2	1.6E+08	-0.37	0.55	P34914
Mrrf	1.7E+09	-0.38	0.89	Q9D6S7
Cirbp	3.4E+08	-0.38	0.31	P60824
Rasa3	1.4E+08	-0.38	0.66	Q60790
Arfp2	3.8E+07	-0.38	0.56	Q8K221
Rab12	1.7E+08	-0.38	0.53	P35283
Syt2	4.0E+09	-0.38	0.44	P46097
Psmc1	5.0E+08	-0.38	0.60	Q3TXS7
Fasn	2.1E+09	-0.38	0.76	P19096
Coq9	3.4E+08	-0.38	0.50	Q8K1Z0
Wdr13	2.2E+08	-0.38	0.25	Q91V09
	6.0E+08	-0.38	0.29	P0C913
Usp14	1.8E+08	-0.38	0.31	Q9JMA1
Smpd13b	1.5E+08	-0.38	0.14	P58242
Ppp2r5d	1.4E+08	-0.38	0.68	Q91V89
Ahsg	3.4E+09	-0.39	0.86	P29699
Slc8a2	1.9E+09	-0.39	0.60	Q8K596
Uba1	5.8E+09	-0.39	1.26	Q02053
Kif21a	5.7E+08	-0.39	0.44	F8WGN6
Fam169a	6.5E+07	-0.39	0.30	Q5XG69
Immt	3.9E+09	-0.39	0.38	Q8CAQ8
Hspa8	4.0E+10	-0.39	0.79	P63017
Atp6v1h	3.4E+09	-0.39	1.41	A0A0A6YX18
Strn3	3.2E+08	-0.39	0.52	Q9ERG2
Rpsa	2.0E+09	-0.39	0.40	P14206
Aimp2	5.1E+07	-0.39	0.11	Q8R010
Ifitm3	7.4E+08	-0.39	0.33	Q9CQW9

Psmc3	5.7E+08	-0.39	0.25	A2AGN7
Gm8991	1.5E+09	-0.39	0.54	E9Q7H5
Erc2	4.5E+08	-0.39	0.42	Q6PH08
Slc3a2	6.7E+09	-0.39	1.95	P10852
Dbt	1.3E+08	-0.40	0.25	P53395
Actn2	1.6E+08	-0.40	0.26	Q9JI91
Rabl6	3.4E+08	-0.40	0.43	Q5U3K5
Lifr	1.6E+08	-0.40	0.60	P42703
Ndufa8	2.7E+09	-0.40	0.47	Q9DCJ5
Nop16	1.3E+08	-0.40	0.11	Q9CPT5
Cryz	2.8E+08	-0.40	0.77	P47199
Tor1aip1	5.3E+07	-0.40	0.21	Q921T2
	8.9E+08	-0.40	0.09	Q8BGK9
Mycbp	6.5E+08	-0.40	0.33	Q9EQS3
Tceb1	4.0E+08	-0.40	0.43	A0A087WQE6
Gdap1l1	2.9E+08	-0.40	0.51	Q8VE33
Epha4	1.8E+08	-0.40	0.84	Q03137
Sbf1	3.1E+08	-0.40	0.31	Q6ZPE2
Wipf1	2.2E+08	-0.40	0.21	Q8K1I7
Tm9sf4	4.9E+07	-0.41	0.20	Q8BH24
Sri	1.4E+08	-0.41	0.37	Q6P069
Ak2	6.4E+07	-0.41	0.40	Q9WTP6
Gnb1	2.9E+10	-0.41	0.38	P62874
Kcnd2	7.8E+07	-0.41	0.64	Q9Z0V2
Chchd1	1.3E+08	-0.41	0.15	Q9CQA6
Astn1	4.5E+08	-0.41	0.85	Q61137
Cops4	7.3E+08	-0.41	0.68	O88544
Hspd1	1.3E+10	-0.41	1.07	P63038
Gad2	9.2E+08	-0.41	0.48	P48320
Rps3	8.5E+08	-0.41	0.75	P62908
Hnrnph1	9.5E+07	-0.41	0.21	O35737
Ccar1	9.6E+07	-0.41	0.80	Q8CH18
Dock10	3.5E+07	-0.41	0.21	Q8BZN6
Ruvbl2	3.2E+08	-0.41	1.20	Q9WTM5
Ppp3r1	1.7E+10	-0.41	0.29	Q63810
Ampd2	4.9E+08	-0.41	0.54	Q9DBT5
Psmc2	4.3E+08	-0.41	0.79	P46471
Srsf2	3.0E+09	-0.42	0.75	Q62093
Hnrnph2	4.3E+08	-0.42	0.35	P70333
Gpt2	6.3E+07	-0.42	0.29	Q8BGT5
Kcna3	1.9E+07	-0.42	0.32	P16390
Rpl15	5.7E+07	-0.42	0.21	Q9CZM2
Tubb2a	5.1E+10	-0.42	0.57	Q7TMM9
Dpp3	3.3E+08	-0.42	0.70	Q99KK7

Hsd17b10	7.7E+08	-0.42	0.57	A2AFQ2
Dctn3	3.3E+08	-0.42	0.72	Q9Z0Y1
Eif4e	5.3E+07	-0.42	0.27	A0A0G2JFB4
Tspyl4	5.8E+07	-0.42	0.29	Q8VD63
Ppme1	4.4E+08	-0.42	0.72	Q8BVQ5
Maoa	1.1E+09	-0.42	1.13	Q64133
Pin4	2.1E+08	-0.42	0.38	Q9CWW6
Atp2b2	1.4E+10	-0.43	0.95	Q9R0K7
Slc6a17	5.5E+08	-0.43	0.56	Q8BJI1
Lrpprc	2.3E+08	-0.43	0.49	Q6PB66
Gls	1.8E+09	-0.43	0.83	D3Z7P3
Sh3glb1	1.3E+08	-0.43	0.47	Q9JK48
Grin2b	1.2E+08	-0.43	0.33	Q01097
Syn3	1.5E+08	-0.43	0.53	Q8JZP2
Ptprk	5.6E+07	-0.43	0.27	P35822
Ap2a1	5.9E+09	-0.43	1.17	P17426
Txn2	1.6E+09	-0.43	0.21	G3UZY2
Cst3	3.6E+09	-0.43	0.42	P21460
Myo6	2.6E+08	-0.43	0.33	E9PVU0
Nrbp1	6.2E+07	-0.43	0.65	D3YUV1
Rtn4	7.3E+10	0.09	0.43	Q99P72
Fermt2	1.6E+08	-0.43	0.58	Q8CIB5
Rdh14	3.0E+07	-0.43	0.24	Q9ERI6
Prnp	6.8E+09	-0.43	0.61	P04925
Nif3l1	3.1E+08	-0.44	0.58	Q9EQ80
Iars	1.6E+08	-0.44	0.30	Q8BU30
Cct5	1.9E+09	-0.44	1.26	P80316
Exoc8	9.5E+07	-0.44	0.15	Q6PGF7
Pfkp	3.1E+09	-0.44	1.02	Q8C605
Ppp2r4	2.0E+08	-0.44	0.36	P58389
Gripap1	5.0E+09	-0.44	0.46	A2AEW8
Rps18	2.9E+08	-0.44	0.80	P62270
Ogt	3.0E+08	-0.44	0.41	Q8CGY8
Dtna	1.4E+08	-0.44	0.60	Q9D2N4
Tjp1	9.8E+07	-0.44	0.53	B9EHJ3
Cpm	3.5E+08	-0.45	0.72	Q80V42
Rab11b	1.7E+09	-0.45	1.15	P46638
Slc25a22	1.7E+09	-0.45	0.95	Q9D6M3
Actr1b	9.9E+08	-0.45	0.58	Q8R5C5
Cs	8.3E+09	-0.45	0.81	Q9CZU6
Ap1p2	3.0E+08	-0.45	1.94	Q06335
Hadhb	1.8E+08	-0.45	0.78	Q99JY0
Rab4a	4.6E+08	-0.45	1.16	P56371
Arl6ip5	4.0E+08	-0.45	0.14	Q8R5J9

Ppp1r7	1.1E+09	-0.45	0.78	Q3UM45
Tceal5	3.9E+09	-0.45	0.84	Q8CCT4
Coro1b	5.0E+08	-0.45	1.16	Q9WUM3
Nup153	5.0E+07	-0.45	0.23	E9Q3G8
Gss	1.9E+08	-0.46	0.67	P51855
Cand1	2.1E+09	-0.46	1.29	Q6ZQ38
Ss18	3.6E+07	-0.46	0.25	Q8BKL1
Gprc5b	2.5E+08	-0.46	0.40	Q923Z0
Ubqln1	1.6E+10	-0.46	0.55	Q8R317
Rap1a	2.8E+09	-0.46	0.56	P62835
Tmem43	3.5E+08	-0.46	0.16	Q9DBS1
Ndrp3	3.9E+08	-0.46	0.98	Q9QYF9
Uqcrc2	1.0E+10	-0.46	0.62	Q9DB77
Rap2b	5.7E+08	-0.46	1.16	P61226
Mecp2	2.3E+08	-0.46	0.17	Q9Z2D6
Slc25a46	8.8E+07	-0.47	0.38	Q9CQS4
Gdi1	1.3E+10	-0.47	0.90	P50396
Atp5b	9.8E+10	-0.47	1.90	P56480
Rap2a	1.9E+08	-0.47	0.21	Q80Z11
Drap1	3.4E+07	-0.47	0.43	D3YYC2
Ccbl1	2.2E+08	-0.47	0.18	Q8BTY1
Ube2v2	1.5E+09	-0.47	1.12	Q9D2M8
Rpl19	2.1E+08	-0.47	0.18	A2A547
Rbm8a	8.0E+07	-0.47	0.35	A0A067XG47
Lta4h	8.6E+08	-0.47	0.94	P24527
Rab3c	1.8E+09	-0.47	0.69	P62823
Dclk2	1.0E+08	-0.47	0.47	A0A0A6YX71
Cox5b	6.5E+09	-0.48	0.68	Q9D881
Hsp90b1	2.8E+09	-0.48	1.02	P08113
Psmc1	2.9E+08	-0.48	0.32	P62192
Pmpcb	3.9E+07	-0.48	0.39	Q9CXT8
Bcas3	9.9E+07	-0.48	0.35	B1AR74
Celf2	3.4E+08	-0.48	0.89	Q9Z0H4
Scn2a1	5.5E+08	-0.48	0.70	B1AWN6
Arl1	2.9E+07	-0.48	0.66	P61211
Lmna	2.6E+08	-0.48	1.08	P48678
Dynll1	2.4E+09	-0.48	0.77	P63168
Rnf13	5.6E+07	-0.48	0.32	Q3UTG4
Rab5b	8.9E+08	-0.48	0.65	P61021
Myo1d	7.8E+08	-0.48	0.65	Q5SYD0
Slc4a7	6.7E+07	-0.48	0.42	Q8BTY2
Asap1	2.6E+08	-0.48	0.50	E9QMJ1
Selm	2.0E+08	-0.49	0.12	Q8VHC3
Itgav	2.6E+08	-0.49	0.49	A2AKI5

Ogdh	2.2E+09	-0.49	1.75	Q60597
Fech	3.1E+08	-0.49	0.48	P22315
Atxn2l	1.4E+08	-0.49	0.11	Q7TQH0
Nell2	3.6E+07	-0.49	0.34	Q61220
Lgi3	5.5E+08	-0.49	0.68	Q8K406
Arhgap32	1.9E+08	-0.49	0.72	Q811P8
Psmc11	8.3E+08	-0.49	0.79	Q8BG32
Cox7a2	4.0E+10	-0.49	0.73	P48771
Pcca	5.3E+08	-0.49	1.10	Q91ZA3
Pmpca	8.1E+07	-0.49	0.84	Q9DC61
Fubp1	9.4E+07	-0.49	0.42	A0A0G2JGW9
Ppid	3.5E+08	-0.49	0.46	Q9CR16
Ddah2	2.6E+08	-0.49	0.74	Q99LD8
Gpc5	2.9E+07	-0.49	0.49	H3BJQ8
Ptbp2	5.2E+07	-0.49	0.39	Q91Z31
Maob	7.7E+08	-0.50	0.82	Q8BW75
Cbr4	8.9E+07	-0.50	0.17	Q91VT4
Grpel1	1.6E+08	-0.50	0.14	Q99LP6
Dhdh	1.0E+08	-0.50	0.25	Q9DBB8
Mapk3	3.2E+08	-0.50	0.25	Q63844
Seh1l	3.4E+07	-0.50	0.58	Q8R2U0
Myo5a	7.2E+08	-0.50	0.83	D3YZ62
Slc2a1	4.8E+08	-0.50	0.72	P17809
Ptgds	1.0E+09	-0.50	0.36	O09114
Prosc	1.5E+08	-0.50	0.73	Q9Z2Y8
Rnf126	8.3E+07	-0.50	0.25	Q91YL2
Cpe	2.8E+08	-0.50	0.68	Q00493
Tln2	9.0E+08	-0.50	0.95	E9PUM4
Purg	1.8E+07	-0.50	0.35	Q8R4E6
Wdr26	5.1E+07	-0.50	0.31	E0CYH4
Apex1	5.4E+07	-0.50	0.34	P28352
Coro2b	1.4E+08	-0.50	0.23	Q8BH44
Efr3b	1.3E+08	-0.50	0.53	Q6ZQ18
Idh3b	4.4E+09	-0.51	2.22	Q91VA7
Etfdh	3.1E+08	-0.51	0.50	Q6PF96
Atp6ap2	5.7E+07	-0.51	0.21	Q9CYN9
Glcc1	7.9E+07	-0.51	0.21	E9QKK4
Unc13a	4.5E+07	-0.51	0.36	Q4KUS2
Kif5c	8.2E+08	-0.51	0.63	P28738
Rcc2	7.3E+07	-0.51	0.17	Q8BK67
Crabp1	1.8E+07	-0.51	0.36	P62965
Fam219a	3.9E+08	-0.51	0.23	A2ANP1
Slc1a2	1.2E+10	-0.51	0.40	P43006
Myef2	3.5E+08	-0.51	1.07	Q8C854

Rhot1	6.9E+08	-0.51	1.22	Q8BG51
S100b	1.3E+09	-0.51	0.12	P50114
Tln1	2.8E+08	-0.51	0.82	P26039
Map6d1	1.0E+08	-0.52	0.30	Q14BB9
Atp8a2	1.4E+08	-0.52	1.01	P98200
Prkar1b	5.7E+07	-0.52	0.31	P12849
Sptb	1.2E+08	-0.52	0.68	Q3UGX2
Nrd1	7.0E+07	-0.52	0.42	A6PWC3
Hspa12a	2.6E+09	-0.52	1.50	Q8K0U4
Naa50	4.8E+07	-0.52	0.74	Q6PGB6
Ntrk3	7.5E+07	-0.52	0.23	Q6VNS1
Nt5dc3	3.6E+08	-0.52	0.40	Q3UHB1
Impact	8.5E+08	-0.52	0.64	O55091
Letm1	3.9E+09	-0.52	0.94	Q9Z2I0
Fam96b	2.0E+07	-0.52	0.44	Q9D187
Mar-05	1.2E+08	-0.52	0.23	Q3KNM2
Aldh2	9.2E+08	-0.53	0.87	P47738
Rras	1.0E+08	-0.53	0.39	P10833
Smndc1	3.1E+08	-0.53	0.27	Q8BGT7
Cox4i1	1.4E+10	-0.53	0.68	P19783
Nbea	5.0E+08	-0.53	0.84	Q9EPN1
Ndufs2	1.0E+09	-0.53	0.74	Q91WD5
Idh3g	3.7E+09	-0.53	1.00	P70404
Srsf7	3.4E+08	-0.53	0.46	Q8BL97
Lgi2	1.2E+08	-0.53	0.90	Q50DZ7
Ngb	7.9E+08	-0.54	0.67	Q3USR6
Kiaa1045	3.7E+08	-0.54	0.87	Q80TL4
Coprs	1.3E+08	-0.54	0.21	Q9CQ13
Rabgap1	1.9E+08	-0.54	0.78	A2AWA9
Adal	8.4E+07	-0.54	0.29	Q80SY6
Gabbr2	2.8E+08	-0.54	0.78	Q80T41
Lnpep	3.9E+08	-0.54	0.86	Q8C129
Kif5b	2.0E+08	-0.54	0.76	Q61768
Ptgfrn	7.2E+07	-0.54	0.33	Q9WV91
Rgs10	2.6E+08	-0.54	0.24	Q9CQE5
Ddi2	7.9E+07	-0.54	0.24	A2ADY9
Plcl1	3.2E+08	-0.54	0.48	Q3USB7
Camk2b	3.5E+09	-0.54	1.24	Q5SVJ0
Phax	2.0E+08	-0.55	0.31	Q9JJT9
Exoc1	6.5E+07	-0.55	0.33	Q6P1Y9
Eif3h	8.9E+07	-0.55	0.26	Q91WK2
Aldh1a1	9.7E+08	-0.55	0.52	P24549
Mxra7	1.5E+08	-0.55	0.59	Q9CZH7
Itfg1	6.5E+07	-0.55	0.29	Q99KW9

Ppib	4.3E+08	-0.55	1.79	P24369
Cbr3	1.1E+08	-0.55	0.48	Q8K354
Chchd5	9.7E+08	-0.55	0.89	Q9CQP3
Apbb1	1.4E+08	-0.55	1.01	Q9QXJ1
Clpp	1.3E+08	-0.55	0.49	O88696
Srsf3	3.2E+09	-0.55	1.34	P84104
Cacna1e	7.6E+07	-0.55	0.42	A0A087WS83
Rars	2.2E+08	-0.56	0.75	Q9D0I9
Smpd3	5.0E+07	-0.56	0.26	Q9JJY3
Rplp0	6.9E+08	-0.56	0.64	P14869
Mast1	1.5E+08	-0.56	0.21	Q9R1L5
Ndufa13	7.3E+08	-0.56	0.99	Q9ERS2
Rpl27	1.7E+08	-0.56	0.98	P61358
	8.7E+08	-0.56	2.10	Q8K207
Cdc42bpa	2.9E+07	-0.56	0.48	H7BX44
Cd44	1.6E+09	-0.56	0.86	Q3U8S1
Tpbg	2.2E+08	-0.56	0.24	Q9Z0L0
Wdr47	6.2E+08	-0.56	1.07	Q8CGF6
Tuba8	2.1E+08	-0.56	0.37	Q9JJZ2
Tomm70a	1.3E+09	-0.56	0.75	Q9CZW5
Gria3	5.8E+08	-0.56	0.91	B0QZW1
Ndufb8	4.0E+09	-0.56	1.19	Q9D6J5
Abcf1	4.5E+07	-0.57	0.39	Q6P542
Ahcyl1	4.5E+09	-0.57	2.62	Q80SW1
Tjp2	1.9E+08	-0.57	0.30	Q9Z0U1
Eef1d	6.1E+08	-0.57	0.94	F6ZFU0
Bpgm	2.2E+08	-0.57	0.29	P15327
Itsn1	1.4E+08	-0.57	0.21	E9Q0N0
Adcyap1	6.8E+07	-0.57	0.93	O70176
Esyt1	9.4E+07	-0.57	0.60	Q3U7R1
Ap1s2	9.7E+07	-0.58	0.19	Q9DB50
S1pr1	9.6E+07	-0.58	0.52	O08530
Rap1gds1	1.6E+09	-0.58	1.12	E9Q912
Capn1	4.1E+07	-0.58	0.35	O35350
Diras2	5.7E+08	-0.58	0.77	Q5PR73
Spryd7	1.2E+08	-0.58	0.21	Q3TFQ1
Slc4a10	6.4E+08	-0.58	1.66	B1AWV9
Mcts1	1.2E+08	-0.58	0.42	Q9DB27
Ap2b1	7.0E+09	-0.58	2.47	Q9DBG3
Uso1	3.9E+08	-0.59	1.04	Q9Z1Z0
Eif3b	4.3E+08	-0.59	1.17	Q8JZQ9
Acap2	3.9E+07	-0.59	0.43	Q6ZQK5
Gbas	5.2E+08	-0.59	0.76	O55126
Cdh6	1.6E+08	-0.59	0.49	P97326

Stxbp1	2.0E+10	-0.59	0.72	O08599
Uba3	2.0E+08	-0.59	0.73	Q8C878
Inpp1	3.2E+08	-0.59	0.90	P49442
Adcy5	1.0E+08	-0.59	0.22	P84309
Msn	6.6E+08	-0.59	1.26	P26041
Nedd4	8.0E+07	-0.59	1.22	P46935
Mthfd1l	7.1E+07	-0.60	0.59	Q3V3R1
Gstm1	6.5E+09	-0.60	1.02	P10649
Faf2	1.2E+08	-0.60	0.73	Q3TDN2
Naa15	3.7E+07	-0.60	0.84	A0A0A6YW80
Sez6	1.5E+08	-0.60	0.49	Q7TSK2
Nutf2	6.0E+08	-0.60	0.80	P61971
Tubb4a	1.3E+10	-0.60	0.81	Q9D6F9
Cfap36	1.1E+08	-0.60	0.42	Q8C6E0
Kcnb2	3.5E+07	-0.60	0.50	A6H8H5
Abcd3	1.0E+08	-0.61	1.23	P55096
Ssb	1.2E+08	-0.61	0.26	P32067
Ndufb11	2.9E+08	-0.61	0.48	O09111
Mcat	6.1E+07	-0.61	0.38	Q8R3F5
Sacm1l	1.2E+08	-0.61	0.28	Q9EP69
Ugp2	8.1E+08	-0.61	0.67	Q91ZJ5
Atp5j2	2.7E+09	-0.61	0.41	P56135
Lap3	6.4E+08	-0.61	1.35	Q9CPY7
Arfgef2	1.5E+07	-0.61	0.57	A2A5R2
Ric8a	4.1E+07	-0.62	0.40	Q3TIR3
Sparc	6.2E+08	-0.62	0.31	P07214
Lonp1	6.5E+08	-0.62	0.73	Q8CGK3
Tpd52l1	3.4E+08	-0.62	1.68	O54818
Hadha	1.1E+09	-0.62	0.73	Q8BMS1
Pef1	1.1E+08	-0.62	0.21	Q8BFY6
Zc2hc1a	2.4E+08	-0.62	0.20	Q8BJH1
Gtf2a1	1.7E+08	-0.62	0.40	Q99PM3
Drap1	2.4E+08	-0.62	0.20	F6T9K1
Ube2h	3.3E+07	-0.62	0.33	E9Q3U1
Trim3	1.3E+08	-0.62	0.48	Q3TDT0
Cyc1	3.2E+09	-0.62	1.40	Q9D0M3
Eno2	2.5E+10	-0.62	1.23	P17183
Ap3b2	5.0E+08	-0.62	0.90	Q9JME5
Syngap1	4.4E+08	-0.62	0.88	A0A0A6YVS6
Cops7b	6.8E+07	-0.63	0.23	Q8BV13
Eef1a1	3.7E+09	-0.63	1.51	P10126
Cdc37l1	4.2E+07	-0.63	0.42	Q9CZP7
Pi4ka	4.3E+08	-0.63	0.96	E9Q3L2
Slc30a3	1.0E+09	-0.63	0.63	P97441

Rabgef1	2.4E+07	-0.63	0.57	Q9JM13
Lancl2	7.9E+08	-0.63	1.70	Q9JJK2
Ddah1	1.4E+09	-0.63	1.28	Q9CWS0
Cmas	1.4E+08	-0.63	0.39	Q99KK2
Ccdc124	8.9E+08	-0.63	0.63	Q9D8X2
Mrps31	5.5E+07	-0.63	0.39	Q61733
Pdha1	4.1E+09	-0.63	1.43	P35486
Sv2b	4.2E+09	-0.63	1.30	Q8BG39
Pde4b	3.3E+07	-0.63	0.51	Q8VBU5
Prom1	1.3E+08	-0.63	0.89	Q8CDK8
Psmc4	2.5E+08	-0.63	0.19	P54775
Ccdc28a	3.0E+08	-0.63	0.44	Q3UFK1
Cyp46a1	3.8E+08	-0.64	1.08	Q9WVK8
Scamp3	3.3E+08	-0.64	1.22	E9Q855
Prkar2b	9.9E+08	-0.64	1.38	P31324
Rpl24	2.2E+08	-0.64	0.48	Q8BP67
Anp32b	1.6E+08	-0.64	0.50	Q9EST5
Cct8	3.4E+09	-0.64	3.49	P42932
Phactr3	2.2E+07	-0.64	0.63	Q8BYK5
Upf1	1.5E+08	-0.64	0.74	Q9EPU0
Psme2	6.1E+07	-0.64	0.30	P97372
Anln	9.0E+07	-0.64	0.87	Q8K298
Vps29	4.9E+08	-0.64	0.95	D3Z645
Vps35	9.9E+08	-0.64	0.98	Q9EQH3
Psmc5	5.5E+08	-0.64	0.98	P62196
Ywhah	5.5E+09	-0.65	1.71	P68510
Chordc1	2.3E+08	-0.65	0.26	Q9D1P4
Slc1a6	2.3E+08	-0.65	0.87	O35544
Hmgcs1	1.2E+08	-0.65	0.63	Q8JZK9
Atg3	1.7E+08	-0.65	0.55	Q9CPX6
Ak5	7.0E+07	-0.65	0.38	Q920P5
Dzank1	3.8E+07	-0.65	0.94	Q8C008
Idh1	8.8E+08	-0.65	0.94	O88844
Copa	3.7E+08	-0.65	0.86	F8WHL2
Tspan15	3.7E+07	-0.65	0.55	F7BWT7
Rpl6	4.3E+08	-0.65	0.33	P47911
Dlg1	4.4E+08	-0.65	0.70	H7BWY4
Gnai1	1.7E+09	-0.65	1.51	B2RSH2
Plgrkt	9.6E+07	-0.65	0.37	Q9D3P8
Psmc6	5.7E+08	-0.66	0.52	P62334
Ppm1g	6.6E+07	-0.66	0.71	Q61074
Cd99l2	2.0E+08	-0.66	0.28	Q8BIF0
Vps51	1.2E+08	-0.66	0.57	Q3UVL4
Pde4a	3.2E+07	-0.66	0.33	O89084

Kcnb1	1.1E+08	-0.66	0.50	Q03717
Snx5	1.9E+08	-0.66	0.81	Q9D8U8
Efr3a	3.4E+07	-0.66	0.61	Q8BG67
Dock9	6.0E+07	-0.67	1.64	E9QMR2
Rims1	4.5E+07	-0.67	0.77	F6TZK4
Rab1b	3.3E+08	-0.67	1.24	Q9D1G1
Slc38a3	3.7E+08	-0.67	0.19	A0A0A6YWH4
Gna11	1.5E+08	-0.67	0.90	P21278
Fam171a1	2.0E+08	-0.67	0.42	A2ATL0
Snrpe	6.7E+08	-0.67	0.28	P62305
Fscn1	2.7E+09	-0.67	1.31	Q61553
Ndufa12	5.6E+08	-0.67	1.06	Q7TMF3
Llg1	2.3E+08	-0.67	1.35	Q80Y17
Apmmap	2.3E+08	-0.67	0.68	Q9D7N9
Foxo3	3.3E+07	-0.67	0.26	Q9WVH4
Oscp1	4.9E+07	-0.67	1.15	Q8BHW2
Padi2	8.4E+07	-0.67	0.53	Q08642
Tns1	3.5E+07	-0.67	0.64	A0A087WRU0
Pomgnt2	1.3E+08	-0.68	0.51	Q8BW41
Tpm1	7.8E+09	-0.68	0.81	E9Q452
Acdbd3	2.7E+07	-0.68	0.30	Q8BMP6
Sars	1.2E+09	-0.09	0.14	P26638
Ccdc92	8.2E+07	-0.68	0.25	Q8VDN4
Get4	2.7E+07	-0.68	0.45	Q9D1H7
Map1s	8.9E+07	-0.68	0.86	Q8C052
Mff	5.3E+08	-0.68	0.51	Q6PCP5
Dlg3	2.6E+08	-0.68	0.77	Q52KF7
Ppa1	6.2E+08	-0.69	1.09	Q9D819
Slc25a3	8.5E+09	-0.69	0.74	Q8VEM8
Map9	1.3E+08	-0.69	0.29	A0A0A6YVV4
Pa2g4	4.0E+08	-0.69	0.65	P50580
Carhsp1	3.3E+08	-0.69	0.31	Q9CR86
Rhoa	2.3E+09	-0.69	1.35	Q9QUI0
Dffa	1.1E+08	-0.69	0.36	O54786
Rab3b	1.7E+08	-0.69	1.03	Q9CZT8
Gsk3b	4.4E+08	-0.69	0.44	Q9WV60
Abr	3.7E+08	-0.69	0.79	E9PUE7
Carm1	6.0E+07	-0.70	0.52	D3YUP1
Ppm1e	7.0E+08	-0.70	1.19	Q80TL0
Qdpr	1.1E+09	-0.70	1.31	D3YWR7
Ppp1r17	2.9E+08	-0.70	0.54	Q9Z2E4
Nlgn2	1.5E+08	-0.70	0.72	Q69ZK9
Sqrdl	2.1E+07	-0.70	0.87	Q9R112
Rps13	3.6E+08	-0.70	0.27	P62301

Stk24	6.7E+07	-0.70	0.24	Q99KH8
Calcoco1	2.9E+07	-0.71	0.31	E9Q7U2
Dlg4	3.3E+08	-0.71	0.78	Q62108
Ndufs1	6.1E+09	-0.71	1.21	Q91VD9
Cldn11	2.9E+07	-0.71	0.41	Q60771
Snx6	9.1E+07	-0.71	0.70	Q6P8X1
Gchfr	6.3E+07	-0.71	0.46	P99025
Sqstm1	1.5E+08	-0.27	0.13	Q64337
Dars	9.1E+08	-0.71	0.64	Q922B2
Ndufb3	4.1E+08	-0.71	0.14	Q9CQZ6
Zfp638	5.2E+07	-0.71	0.45	E9QML5
Atp9a	6.8E+07	-0.71	0.32	Q8C4G3
Cnn3	3.6E+08	-0.71	1.66	Q9DAW9
Tmem245	1.7E+07	-0.71	1.11	B1AZA8
Txndc15	1.5E+08	-0.71	0.30	Q6P6J9
Prex1	4.9E+07	-0.72	0.58	Q69ZK0
Dnaja1	7.5E+08	-0.72	2.37	P63037
Cbln1	3.9E+08	-0.72	0.74	Q9R171
Dnajc8	5.7E+07	-0.72	0.57	A2ALF0
Ndufb9	3.8E+08	-0.72	0.84	Q9CQJ8
Ccdc6	8.2E+07	-0.72	0.49	D3YZP9
Arl8a	1.1E+09	-0.72	1.18	F6QKK2
Myh11	1.2E+08	-0.72	0.58	E9QPE7
Osbp	2.1E+08	-0.72	0.31	Q3B7Z2
Ipcef1	2.9E+07	-0.72	0.54	Q5DU31
Agfg1	2.9E+08	-0.72	0.53	A0A087WNV1
Fn3krp	1.6E+08	-0.73	0.18	Q8K274
Gldc	2.6E+08	-0.73	0.41	Q91W43
Arid1a	4.6E+07	-0.73	0.46	A2BH40
Opa1	6.6E+08	-0.73	1.65	P58281
Pcyox1l	1.6E+08	-0.73	0.48	Q8C7K6
Rtn4ip1	2.1E+07	-0.73	0.50	Q924D0
Sms	1.1E+08	-0.73	0.55	P97355
Park7	3.2E+09	-0.73	1.60	A2A813
Cyp2d22	6.8E+07	-0.74	0.36	Q9JKY7
Slc7a14	1.0E+08	-0.74	0.49	Q8BXR1
Psmf1	9.1E+07	-0.74	0.54	Q8BHL8
Mtfr1l	1.9E+08	-0.74	0.59	Q9CWE0
Protein	6.3E+07	-0.74	0.56	Q3UJP5
Dpy30	2.2E+09	-0.74	0.46	Q99LT0
Nap1l1	7.9E+08	-0.74	0.78	P28656
Sec24c	1.3E+08	-0.74	0.35	G3X972
Clcn7	4.3E+07	-0.75	1.26	O70496
Plcd1	9.5E+07	-0.75	1.02	Q8R3B1

Ipo7	2.2E+08	-0.75	0.97	Q9EPL8
Mtco2	7.5E+09	-0.75	0.38	P00405
Pgm3	8.1E+07	-0.75	0.99	Q8BWW3
Cdh10	1.0E+08	-0.75	0.38	P70408
Aars	7.0E+08	-0.75	0.86	Q8BGQ7
Arpc1b	9.3E+07	-0.75	0.55	Q9WV32
Ogdhl	1.0E+09	-0.75	1.10	E9Q7L0
Kctd16	2.2E+08	-0.76	2.96	Q5DTY9
Olfm1	2.3E+09	-0.76	1.79	Q8R357
G6pdx	1.6E+08	-0.76	0.77	Q00612
Vps13a	1.2E+08	-0.76	0.64	Q5H8C4
Mark1	1.2E+08	-0.76	0.55	Q8VHJ5
Idh2	6.6E+08	-0.77	1.63	P54071
Adk	3.0E+08	-0.77	0.93	P55264
Ptpn11	2.0E+08	-0.77	1.30	P35235
Ubxn1	6.3E+08	-0.77	0.94	Q922Y1
Cul1	2.2E+08	-0.78	1.24	Q9WTX6
Sccpdh	4.8E+08	-0.78	0.38	Q8R127
Rps24	1.2E+08	-0.78	0.29	P62849
Slc24a2	4.5E+07	-0.78	0.51	Q14BI1
Ptk2b	1.7E+08	-0.78	0.90	Q3UDE9
Prkcb	7.9E+08	-0.78	1.48	P68404
Usp9x	1.3E+08	-0.78	0.92	Q4FE56
Pdhb	3.5E+09	-0.78	1.23	Q9D051
Crim1	6.7E+07	-0.78	0.48	Q9JLL0
Nisch	6.9E+07	-0.78	1.14	Q80TM9
Rab22a	1.2E+08	-0.79	1.21	P35285
Rrp1	3.2E+07	-0.79	0.84	P56183
Uggt1	1.1E+08	-0.79	1.11	Q6P5E4
Cmpk2	2.4E+08	-0.79	0.31	Q3U5Q7
Thnsl1	1.4E+08	-0.79	1.01	Q8BH55
Plxna4	2.2E+08	-0.79	1.11	Q80UG2
Slc12a9	4.4E+07	-0.80	0.66	Q99MR3
Vps18	3.4E+07	-0.80	0.60	Q8R307
Sh3gl1	1.6E+08	-0.80	1.73	Q62419
Vps45	8.5E+07	-0.80	0.34	P97390
Heph	9.0E+07	-0.80	0.27	A2AI62
Acaca	9.4E+07	-0.80	0.49	Q5SWU9
Abrac1	1.6E+08	-0.80	0.20	E9QMV2
Pcyox1	3.6E+08	-0.81	1.07	Q9CQF9
Rbks	3.5E+07	-0.81	1.05	Q8R1Q9
Gabbr1	2.9E+08	-0.81	1.18	Q9WV18
Dguok	6.9E+07	-0.81	0.38	Q504N4
Tnpo2	5.4E+07	-0.81	0.35	Q99LG2

Sfxn5	6.4E+08	-0.81	1.32	Q925N0
Dnm3	3.6E+08	-0.81	0.90	Q8BZ98
Atp5c1	6.8E+09	-0.81	0.75	Q8C2Q8
Slc12a6	1.4E+08	-0.81	0.50	Q6P6P5
Amigo1	2.4E+08	-0.81	0.83	A2AE38
Nudc	2.1E+08	-0.82	0.50	O35685
Kcna6	5.4E+07	-0.82	0.32	Q61923
Tcf20	2.8E+07	-0.82	0.54	Q9EPQ8
Vps33b	2.9E+07	-0.82	0.86	P59016
Eif3l	6.3E+07	-0.82	1.06	Q8QZY1
Ptp4a2	1.0E+08	-0.82	0.60	O70274
Rab9a	3.9E+07	-0.82	1.03	Q9R0M6
Rps4x	1.1E+08	-0.82	0.60	P62702
Dip2c	8.6E+07	-0.82	0.54	E9PWR4
Arglu1	1.8E+08	-0.82	0.25	Q3UL36
Sirt5	3.1E+07	-0.83	0.44	Q8K2C6
Nadk	8.8E+07	-0.83	0.47	P58058
Hnrnp1l	2.9E+08	-0.83	1.20	Q921F4
Epb4.1l1	9.3E+07	-0.83	0.42	E9PV14
Eri3	1.8E+07	-0.83	0.48	Q8C460
Lars	7.6E+07	-0.83	0.70	Q8BMJ2
Txlna	4.6E+07	-0.83	0.99	Q6PAM1
Nexn	1.5E+08	-0.84	0.81	A0A0G2JEX1
Dhx9	6.5E+07	-0.84	0.69	O70133
Kcnab2	4.6E+08	-0.84	2.03	Q3UPV6
Ostf1	6.9E+07	-0.84	0.96	Q62422
Wdr7	8.5E+08	-0.84	1.91	Q920I9
Ddost	9.5E+07	-0.84	0.58	O54734
Cpsf6	1.2E+08	-0.85	0.80	Q6NVF9
Hsd17b12	1.8E+08	-0.85	0.29	O70503
Ehd3	4.3E+08	-0.85	1.11	Q9QXY6
Oxct1	1.7E+09	-0.85	1.82	Q9D0K2
Cdip1	7.5E+08	-0.85	0.61	Q9DB75
Cops5	6.2E+07	-0.86	0.38	O35864
Hpca	2.1E+09	-0.86	1.40	P84075
Rbbp4	3.0E+08	-0.86	0.32	Q60972
Tpt1	1.7E+09	-0.87	1.17	P63028
Cdc42bpb	8.3E+07	-0.87	0.63	Q7TT50
Clasp1	1.3E+08	-0.87	0.52	A0A087WS18
Vma21	6.7E+08	-0.88	0.22	Q78T54
Fbxo3	3.0E+07	-0.88	0.47	Q9DC63
Gba2	5.3E+07	-0.88	0.34	Q69ZF3
Dst	4.3E+07	-0.88	0.64	Q91ZU6
Gstz1	6.3E+07	-0.88	1.03	Q9WVL0

Ndufb6	1.1E+09	-0.88	1.05	A2AP32
	8.0E+07	-0.88	0.38	Q91V76
Hnrnpc	2.6E+07	-0.88	0.54	Q9Z204
Nudt5	4.4E+07	-0.88	0.57	Q9JKX6
Ppp2r1a	5.4E+09	-0.89	1.39	Q76MZ3
Hint3	1.1E+08	-0.89	0.54	Q9CPS6
Tsc22d4	2.5E+08	-0.89	0.28	Q9EQN3
Them6	1.9E+08	-0.89	0.51	Q80ZW2
Meaf6	4.1E+07	-0.89	0.45	V9GX42
C1qtnf5	1.4E+08	-0.89	0.49	Q8K479
Golga5	6.3E+07	-0.89	0.58	Q9QYE6
Strada	2.5E+07	-0.89	2.00	Q3UUJ4
Drg2	5.7E+07	-0.90	0.80	Q9QXB9
Mlf2	4.4E+08	-0.90	0.98	Q99KX1
Omp	5.8E+08	-0.90	1.00	Q64288
Mpp6	2.2E+08	-0.90	1.44	Q9JLB0
Tanc2	5.8E+07	-0.90	0.67	A2A690
Msrb2	2.0E+08	-0.90	0.35	Q78J03
Copg2	5.4E+07	-0.90	0.53	Q9QXK3
Tbc1d24	2.3E+08	-0.90	0.53	Q3UUG6
Sdpr	8.3E+07	-0.91	0.42	Q63918
Ppm1a	9.5E+07	-0.91	1.08	P49443
Mvb12b	4.7E+07	-0.91	1.30	Q6KAU4
Cars2	5.6E+07	-0.91	0.75	Q8BYM8
Fam49a	2.4E+08	-0.91	1.37	Q8BHZ0
Mob4	1.2E+08	-0.91	1.54	G8JL35
Gmps	1.9E+08	-0.92	0.59	Q3THK7
Cds2	1.2E+08	-0.92	0.29	Q99L43
Ttc39c	5.5E+07	-0.92	0.47	E9PV21
Tmed10	2.7E+08	-0.92	0.83	Q9D1D4
Nipa1	6.5E+07	-0.92	0.38	Q8BHK1
Oplah	1.1E+08	-0.92	1.00	Q8K010
Tmem175	5.6E+07	-0.92	0.44	Q8BHJ8
Anks1b	1.0E+08	-0.92	0.47	S4R286
Hist1h2bp	7.3E+09	-0.92	0.13	Q8CGP2
Myh14	1.1E+08	-0.93	0.61	K3W4R2
	5.4E+07	-0.93	1.21	Q922R1
Ccdc136	1.7E+08	-0.93	0.41	E6Y2W7
Dip2a	4.2E+07	-0.93	0.56	D3Z7D3
Etfb	1.0E+09	-0.94	1.93	Q9DCW4
Scai	8.1E+07	-0.94	1.38	Q8C8N2
Ruvbl1	2.0E+08	-0.94	1.14	P60122
Gars	4.6E+08	-0.94	1.07	Q9CZD3
Fam126b	1.7E+08	-0.94	0.75	Q8C729

Cyb5r1	2.3E+08	-0.95	0.65	Q9DB73
Kif1a	2.0E+08	-0.95	0.80	Q6TA13
Ktn1	5.8E+07	-0.95	0.81	A0A087WQF8
Gid8	4.2E+07	-0.95	0.73	Q9D7M1
Serpinb6	1.7E+08	-0.95	0.49	Q60854
Stim1	9.7E+07	-0.71	0.53	P70302
Atad3	8.3E+07	-0.95	0.48	Q92511
Bola3	9.9E+08	-0.95	1.15	E9Q705
Arpp21	4.7E+08	-0.96	0.33	E0CY19
Ubxn6	9.5E+07	-0.96	0.98	Q99PL6
Ptpa	1.2E+08	-0.96	0.68	Q91V35
Dgkb	1.0E+08	-0.96	0.74	Q6NS52
Sipa1l1	5.6E+07	-0.97	0.58	Q8C0T5
Plcl2	1.6E+08	-0.97	0.40	Q8K394
Kbtbd11	2.0E+08	-0.97	0.89	Q8BNW9
Mtnd5	1.0E+08	-0.97	1.42	P03921
Eml2	1.9E+08	-0.97	0.59	E9QK48
Nup50	1.8E+07	-0.97	0.77	Q9JIH2
Wfs1	1.6E+08	-0.97	0.74	P56695
Wdr20	6.9E+07	-0.97	0.56	Q3UWE6
Pcmt1	1.4E+09	-0.98	0.58	P23506
Vps28	3.8E+07	-0.98	0.59	Q9D1C8
Pdk2	4.3E+07	-0.98	0.72	Q9JK42
Sart3	3.4E+07	-0.98	1.36	Q9JLI8
Hmgcl	1.0E+08	-0.98	1.89	P38060
Mark2	4.3E+07	-0.99	0.59	E9Q9N6
Pdpk1	6.6E+07	-0.99	0.63	Q3TRL2
Arhgef2	2.0E+08	-0.99	2.03	H3BJU7
Hadh	1.7E+08	-0.99	1.22	Q61425
Asap2	5.0E+07	-0.99	0.85	E9PX52
Gadd45gip1	2.6E+08	-0.99	0.31	Q9CR59
Nrn1l	1.3E+08	-0.99	0.30	Q8C4W3
Slc18a2	1.1E+08	-0.99	0.54	Q8BRU6
Phpt1	3.3E+08	-1.00	0.22	Q9DAK9
Serinc1	1.6E+08	-1.00	0.36	Q9QZI8
Acadvl	4.7E+08	-1.00	1.24	P50544
Cnbp	2.9E+08	-1.00	0.56	D3YYF6
Dars2	5.1E+07	-1.00	1.23	Q8BIP0
Xpo7	8.1E+07	-1.01	0.66	Q9EPK7
Eif6	2.0E+08	-1.01	0.41	O55135
Rpl10	1.4E+08	-1.01	0.40	I7HLV2
Hnrnpul2	3.7E+08	-1.01	1.63	Q00PI9
Rap1gap2	1.3E+08	-1.01	0.94	Q5SVL6
Ptprd	2.7E+08	-1.01	0.38	G3UX60

Ola1	3.0E+08	-1.01	0.81	Q9CZ30
Mturn	8.3E+07	-1.02	0.49	Q8CGA4
Cndp2	6.9E+08	-1.02	1.39	Q9D1A2
Atxn2	4.6E+07	-1.02	0.93	O70305
Smim13	2.2E+08	-1.03	0.32	E9Q942
Clic4	1.4E+08	-1.03	1.17	Q9QYB1
Rab5a	7.1E+08	-1.03	1.65	Q9CQD1
Mgea5	8.7E+07	-1.03	0.42	Q9EQQ9
Ube3a	1.9E+08	-1.03	0.24	O08759
Myo18a	5.0E+08	-1.03	2.75	K3W4L0
Rabep1	1.2E+08	-1.03	1.11	O35551
Gng12	1.7E+09	-1.03	1.50	Q9DAS9
Ttc7b	1.7E+08	-1.03	0.91	E9Q6P5
Abce1	2.1E+08	-1.04	1.14	P61222
Sh3gl2	5.7E+09	-1.04	2.64	Q62420
Tmx2	7.4E+08	-1.04	0.87	Q9D710
Scn1b	2.8E+08	-1.04	0.35	P97952
Frrs1l	1.0E+08	-1.04	0.48	B1AXV0
Prpsap1	7.1E+07	-1.04	0.72	Q9D0M1
Mfn2	1.5E+08	-1.04	0.80	Q80U63
Dmwd	2.7E+07	-1.05	0.65	E9Q6J8
Ahsa1	1.6E+08	-1.05	1.32	Q8BK64
Tmppe	3.5E+07	-1.05	0.80	D3Z286
Rasgrf1	3.7E+07	-1.05	0.73	P27671
Fmnl2	6.3E+07	-1.05	0.44	E9PXE6
Myo1b	8.1E+07	-1.05	0.68	E9QNH6
Add1	3.5E+08	-1.05	0.22	E9Q1K3
Ccdc132	8.0E+07	-1.06	0.52	Q8CI71
Prep	3.4E+08	-1.06	0.78	Q9QUR6
Anxa7	2.0E+08	-1.06	0.80	Q07076
Gga1	8.8E+07	-1.07	0.65	Q8R0H9
Gcsh	5.2E+09	-1.07	1.02	Q91WK5
Ppm1f	6.1E+07	-1.07	0.90	Q8CGA0
Abcb8	1.8E+08	-1.07	1.81	Q9CXJ4
Rbbp9	3.0E+08	-1.08	0.34	O88851
Nans	5.7E+07	-1.08	0.98	Q99J77
Prkrip1	2.0E+08	-1.08	0.64	Q9CWV6
Fam174a	1.9E+08	-1.08	2.16	Q9D3L0
Pdlim5	1.2E+08	-1.09	1.20	Q8CI51
Gas7	1.3E+08	-1.09	0.59	B1ATI9
Tceal3	1.5E+10	-1.10	1.16	Q8R0A5
Trmt112	2.3E+08	-1.10	0.37	Q9DCG9
Mylk	1.0E+08	-1.10	1.64	Q6PDN3
Puf60	1.1E+08	-1.10	0.67	Q3UEB3

Wdr82	6.5E+07	-1.11	1.09	Q8BFQ4
Emc1	1.2E+08	-1.11	0.98	Z4YJW0
Atic	3.6E+08	-1.11	0.97	Q9CWJ9
Pkib	1.1E+08	-1.11	0.65	F7D7A9
Tmx3	8.4E+07	-1.12	0.95	Q8BXZ1
Spcs1	9.0E+07	-1.13	1.04	F6UR10
Armc1	5.8E+07	-1.13	0.44	Q9D7A8
Mtor	4.3E+07	-1.14	1.41	Q9JLN9
Cad	2.4E+08	-1.14	0.42	E9QAI5
Psmd7	2.4E+08	-1.14	0.56	P26516
Nmt1	7.1E+07	-1.15	0.70	O70310
Ap1g1	3.4E+08	-1.15	0.88	Q8CBB7
Rdh11	6.7E+07	-1.16	0.66	Q9R1R8
Serpinb1a	4.3E+08	-1.16	0.48	Q9D154
Camkk1	6.7E+07	-1.17	1.40	Q8VBY2
Ube4b	3.3E+07	-1.17	1.13	Q9ES00
Pfas	1.6E+08	-1.17	0.89	Q5SUR0
Macf1	5.1E+08	-1.17	1.49	A0A0A0MQA6
Fhl1	3.0E+08	-1.18	0.53	P97447
Ssr4	5.4E+07	-1.18	0.86	Q62186
Dyrk1a	1.9E+07	-1.18	1.39	Q61214
Trappc9	4.9E+07	-1.18	0.67	Q3U0M1
Smap2	9.5E+07	-1.19	0.38	Q7TN29
Cox6c	1.9E+10	-1.19	1.19	Q9CPQ1
	7.4E+07	-1.19	1.09	Q8BR90
Faah	8.6E+07	-1.19	1.14	O08914
Spa17	5.9E+07	-1.19	0.32	Q62252
Gjb6	9.8E+07	-1.19	0.71	P70689
Otub1	1.9E+09	-1.20	2.51	Q7TQI3
Etl4	5.9E+07	-1.20	1.91	D3Z781
Rps6	2.8E+08	-1.20	0.51	P62754
Nrbp2	3.3E+07	-1.20	1.03	Q91V36
Cfd	3.6E+08	-1.20	0.32	P03953
Prmt1	2.1E+08	-1.20	0.56	D3Z0A2
Csnk2b	1.1E+08	-1.20	1.20	G3UZI5
Phactr1	1.2E+08	-1.21	1.03	Q2M3X8
Traf3	3.5E+07	-1.21	1.03	Q60803
Lypla2	2.9E+08	-1.21	0.60	Q9WTL7
Eif5	1.5E+08	-1.21	0.51	P59325
Bcl7a	9.1E+08	-1.21	1.49	Q9CXE2
Dnaja2	1.4E+08	-1.21	0.54	Q9QYJ0
Ilf2	1.4E+08	-1.21	1.27	Q9CXY6
Stxbp6	1.4E+08	-1.22	0.86	Q3TYA4
Bdh1	6.0E+08	-1.22	1.25	Q80XN0

Mt3	4.5E+09	-1.22	1.78	P28184
Epm2aip1	2.3E+08	-1.22	0.46	Q8VEH5
Inip	1.6E+08	-1.23	0.53	Q3TXT3
FAM120A	1.6E+08	-1.23	0.54	Q6A0A9
Trappc12	4.1E+07	0.62	0.37	Q8K2L8
Parm1	2.4E+08	-1.24	0.74	Q923D3
Tmem63c	2.4E+07	-1.24	1.26	Q8CBX0
Rexo2	1.1E+08	-1.24	0.56	Q9D8S4
Zwint	4.9E+08	-1.25	0.36	Q9CQU5
Pepd	1.4E+08	-1.25	0.78	Q11136
Hypk	1.0E+09	-1.25	1.65	Q9CR41
Mapk8ip3	1.5E+08	-1.25	0.69	K3W4S4
Arhgap35	5.3E+07	-1.25	1.17	Q91YM2
Rab35	2.9E+08	-1.25	0.79	Q6PHN9
Htt	1.0E+08	-1.26	1.30	P42859
Snrpa	3.6E+08	-1.26	0.63	Q62189
Hap1	3.4E+07	-1.26	0.71	O35668
Gpbp1	4.4E+07	-1.27	1.11	Q6NXH3
Rpl36	8.4E+07	-1.27	0.56	Q6ZWZ4
Cntn3	7.2E+07	-1.28	0.62	Q07409
Arfip1	3.4E+07	-1.28	1.35	A2RSX9
Tuba4a	1.2E+10	0.14	0.08	P68368
Plaa	1.1E+08	-1.28	1.59	P27612
Tmem243	4.8E+07	-1.29	0.92	A0A0G2JEH3
Acadsb	7.1E+07	-1.29	0.98	Q9DBL1
Slirp	9.1E+07	-1.29	1.28	Q9D8T7
Coro7	7.3E+07	-1.29	0.64	Q9D2V7
Tmsb4x	1.1E+10	-1.29	0.68	P20065
Zfand5	1.8E+08	-1.30	0.43	O88878
Rpl39	4.4E+08	-1.30	0.44	P62892
Ryr2	1.1E+08	-1.31	0.89	F6U7V1
Exoc7	4.9E+07	-1.31	2.80	O35250
Uba6	5.3E+07	-1.31	1.66	Q8C7R4
Hip1	9.7E+07	-1.32	0.84	Q8VD75
Ehd1	1.1E+08	-1.32	0.97	Q9WVK4
Gsta4	2.7E+08	-1.32	0.83	P24472
Dnaja3	1.6E+08	-1.33	0.78	Q99M87
Rnpep	1.5E+08	-1.33	0.80	E9PYF1
Pls3	2.4E+08	-1.33	0.80	B1AX58
Shroom2	9.6E+08	-1.33	0.67	A2ALU4
Stub1	6.2E+07	-1.33	0.55	Q9WUD1
Pde10a	8.0E+07	-1.34	0.79	Q8CA95
Sgta	6.5E+08	-1.34	0.42	Q8BJU0
Sar1b	1.1E+08	-1.35	0.92	Q9CQC9

Cacna1b	2.9E+07	-1.35	2.33	A2AIS0
Fam136a	5.6E+09	-1.35	1.92	Q9CR98
Tom1	3.7E+08	-1.35	2.20	O88746
Nomo1	1.1E+08	-1.35	0.90	Q6GQT9
Lin7a	3.5E+08	-1.36	0.77	Q8JZS0
Ap2s1	4.8E+08	-1.36	2.09	P62743
Slc25a23	6.7E+07	-1.37	1.24	Q6GQS1
Ube2d3	7.8E+08	-1.37	0.35	A0A0G2JE32
Pdk3	5.4E+07	-1.37	1.65	Q922H2
Gclc	3.7E+07	-1.37	1.14	P97494
Cox6a1	1.5E+08	-1.37	0.70	P43024
Rps16	1.1E+08	-1.37	0.60	P14131
2310035C23Rik	1.5E+08	-1.38	1.05	A0A087WSS1
Gapvd1	7.7E+07	-1.38	1.41	Q6PAR5
Zmpste24	8.3E+07	-1.39	1.53	Q80W54
Pip4k2a	8.0E+07	-1.39	1.20	O70172
Suc1g2	9.5E+07	-1.39	0.85	Q9Z2I8
Scfd1	5.5E+07	-1.41	1.57	Q8BRF7
Ist1	5.2E+07	-1.41	0.74	Q9CX00
Psmc8	7.0E+07	-1.41	0.95	Q9CPS5
Sema4a	4.7E+07	-1.42	1.09	D3YVV5
Fbxo2	8.0E+08	-1.42	0.71	Q80UW2
Sema4d	1.1E+08	-1.42	1.48	O09126
Tenm1	8.7E+07	-1.42	0.98	A2ANL9
9530068E07Rik	7.5E+07	-1.42	1.36	A0A0A0MQD4
Copb1	1.8E+08	-1.43	0.94	Q9JIF7
Mpst	1.6E+08	-1.43	0.91	Q3UW66
Atp2a3	4.2E+07	-1.44	0.84	B1ATS4
Sec14l2	1.9E+08	-1.44	0.65	Q99J08
Igfbp5	3.7E+07	-1.45	0.99	Q07079
Gnal	1.4E+08	-1.45	0.79	Q8CGK7
Adgrl2	2.4E+07	-1.45	2.21	A0A0G2JFV3
Rpl23a	2.7E+08	-1.45	0.54	P62751
	1.4E+08	-1.45	0.28	Q91WE4
Rpl9	1.0E+08	-1.46	0.59	P51410
Nars	1.8E+08	-1.46	1.32	Q8BP47
Fyn	1.4E+08	-1.47	1.19	P39688
Katnal1	3.0E+07	-1.47	1.71	Q8K0T4
Pitpnm2	2.6E+07	-1.47	1.12	E9PYJ7
Pld3	5.4E+08	-1.47	0.66	O35405
Top2b	4.9E+07	-1.47	1.71	Q64511
Phactr2	3.5E+08	-1.48	0.57	B1AVN8
Syng3	8.2E+08	-1.48	0.50	Q8R191
Mecr	4.1E+07	-1.48	1.17	Q9DCS3

Camk4	1.5E+08	-1.48	0.96	Q8BGR3
Pmch	8.4E+08	-1.48	0.62	P56942
Hnrnpl	6.7E+07	-1.48	0.86	G5E924
Erc1	1.4E+08	-1.49	1.29	V9GWT6
Ak4	1.9E+08	-1.49	0.56	Q9WUR9
Pmm1	9.4E+07	-1.50	1.64	O35621
Itfg3	1.4E+08	-1.50	0.74	Q8C0Z1
GOLGA7B	8.0E+07	-1.50	1.01	Q9D428
Ndufb7	5.8E+08	-1.51	0.53	Q9CR61
Srm	2.4E+08	-1.51	0.87	Q64674
Ctnnd1	5.0E+07	-1.51	1.38	E9Q8Z8
Gnptab	1.4E+08	-1.52	0.60	Q69ZN6
Dusp15	1.6E+08	-1.53	0.96	Q8R4V2
Mcu	1.7E+08	-1.54	0.42	Q3UMR5
Limch1	1.0E+08	-1.55	0.80	D3Z589
Eif4a1	2.9E+08	-1.55	0.95	P60843
Bcl7b	9.1E+07	-1.56	0.65	Q921K9
Tssc1	2.2E+08	-1.57	0.74	Q8K0G5
Cpt2	3.9E+07	-1.57	1.56	P52825
Ache	8.4E+07	-1.57	0.68	P21836
Pde6d	8.0E+07	-1.58	0.84	O55057
Prkacb	6.2E+07	-1.58	0.62	P68181
Psm14	3.0E+08	-1.58	0.68	O35593
Nfasc	1.1E+09	-1.59	0.49	Q810U3
Hgs	6.9E+07	-1.59	0.77	B1ATZ0
Akap2	6.3E+07	-1.61	0.59	A2API8
Mical3	4.3E+07	-1.62	3.20	Q8CJ19
Sypl1	9.2E+07	-1.63	1.05	O09117
Tsfm	1.1E+08	-1.64	1.58	Q9CZR8
Ndufa7	3.3E+09	-1.65	0.40	Q9Z1P6
Taco1	5.9E+07	-1.65	1.72	Q8K0Z7
Wipi2	4.7E+07	-1.66	1.00	D3YWK1
Tmx1	1.1E+08	-1.66	0.80	Q8VBT0
Gstm7	5.1E+07	-1.68	2.09	Q80W21
Ssr3	2.8E+08	-1.69	0.65	Q9DCF9
Slc23a2	7.9E+07	-1.69	1.66	Q9EPR4
Lztfl1	5.7E+07	-1.69	1.21	Q9JHQ5
Eif2s2	6.6E+07	-1.70	1.06	Q99L45
Uap1l1	4.4E+07	-1.70	2.31	Q3TW96
Katnal2	4.7E+09	-1.70	0.27	D3Z0U5
Cuedc1	1.7E+08	-1.70	0.73	Q8R3V6
Lamp2	4.8E+07	-1.71	1.07	P17047
Hscb	3.9E+07	-1.71	1.51	Q8K3A0
Wdr48	2.8E+08	-1.72	1.00	Q8BH57

Tmem55b	1.6E+08	-1.72	0.87	F8WHW3
Lrrc57	3.2E+08	-1.74	0.90	Q8JZX5
Cdc42	9.8E+08	-1.74	0.82	P60766
Pja1	1.4E+08	-1.75	0.79	O55176
Tomm5	3.6E+08	-1.75	0.83	B1AXP6
Tsc22d2	1.8E+08	-1.76	1.80	A0A0G2JFZ4
S100a1	9.5E+07	-1.77	0.78	Q91V77
Gypa	4.9E+08	-1.78	0.46	P14220
Ptpn23	1.0E+08	-1.78	1.28	Q6PB44
Sgtb	6.0E+08	-1.78	0.48	Q8VD33
Coa3	8.2E+08	-1.79	0.31	Q9D2R6
Dynll2	1.0E+09	-1.79	2.16	Q9D0M5
Scarb2	1.8E+08	-1.79	0.78	O35114
Cars	7.8E+07	-1.79	1.57	Q9ER72
Yif1b	5.9E+07	-1.81	1.10	Q9CX30
Gng10	2.6E+08	-1.83	0.71	Q9CXP8
Fam63a	6.8E+07	-1.84	1.41	Q76LS9
Slc30a1	1.5E+08	-1.86	1.13	Q60738
Kras	1.1E+08	-1.86	2.22	P32883
Cd200	3.9E+08	-1.86	0.46	E9QMY1
Cops6	4.7E+08	-1.87	0.76	O88545
Agpat3	8.4E+07	-1.91	1.29	Q9D517
Rheb	2.2E+08	-1.92	1.09	Q921J2
Ptma	1.2E+10	-1.94	0.29	A0A087WP98
Gmppb	1.3E+08	-1.94	1.26	Q8BTZ7
Kctd8	6.2E+07	-1.95	2.89	Q50H33
Pcdh10	1.3E+08	-1.96	1.03	Q925I8
Pabpn1	8.0E+07	-2.00	1.40	Q8CCS6
Cacnb1	5.3E+07	-2.03	1.78	A2A543
Sord	1.2E+08	-2.03	1.77	Q64442
Thrap3	8.3E+07	-2.04	1.31	Q569Z6
Bag5	8.9E+07	-2.05	1.49	Q8CI32
Inpp4a	2.6E+08	-2.06	1.56	Q3UEQ1
Prune2	5.6E+07	-2.09	1.93	Q52KR3
Enoph1	1.0E+08	-2.11	1.17	Q8BGB7
Acot1	2.0E+08	-2.12	0.83	O55137
Trim9	5.8E+07	-2.14	1.06	E9Q524
Cdc42se2	3.3E+08	-2.14	0.91	Q8BGH7
Dazap1	1.4E+08	-2.26	0.65	Q9JII5
Ubr4	1.3E+08	-2.27	2.39	A2AN08
Mtx2	1.5E+08	-2.28	1.26	O88441
Actn4	1.4E+08	-2.29	1.67	E9Q2W9
Ly6g6e	3.5E+08	-2.32	0.89	Q9D7E5
Erich5	2.0E+08	-2.36	1.11	Q8K0S2

Prkca	1.1E+08	-2.36	1.19	Q4VA93
Vamp5	2.1E+08	-2.36	1.41	Q9Z2P8
D17h6s53e	1.8E+08	-2.45	1.08	Q9Z1R4
Usp47	2.7E+08	-2.46	1.01	Q8BY87
Xpo1	2.3E+08	0.18	0.11	Q6P5F9
Tpd52	9.2E+08	-2.49	3.14	F8WHQ1
Protein	2.9E+08	-2.51	1.24	B1ARW8
Adrbk1	1.2E+08	-2.55	1.36	Q7TS64
Dhrs7b	5.3E+07	-2.57	3.42	Z4YKT6
Cmc2	1.3E+08	-2.60	3.40	Q8K199
Tomm40l	1.1E+08	-2.68	1.26	M0QWR6
Tspyl1	6.0E+07	-2.69	1.24	O88852
Pnpla8	1.1E+08	-2.70	1.51	Q8K1N1
Acbd7	1.6E+08	-2.84	1.47	Q9D258
Rps5	4.7E+08	-2.84	1.18	D3YYM6
Pgbd5	8.7E+07	-2.85	2.60	D3YZI9
Nono	2.3E+08	-2.88	1.23	Q99K48
Ethe1	1.2E+08	-3.08	1.75	Q9DCM0
Lrrfip1	6.6E+07	-3.27	2.12	E9Q9T1
Slc25a18	9.7E+07	-3.31	1.54	Q9DB41
Polr2i	8.2E+08	-3.48	0.88	P60898
Ndufb2	1.7E+09	-3.69	1.26	Q9CPU2

Supplementary Table 7.3 – Old versus young mouse brain tissue acetylome profile

Gene name	Peptides sequence +/- 7 AA	Position	Student's T-test Difference Old_Young	-Log Student's T-test p value old_young	Uniprot ID
Pgk1	AFRASLSKLGDVYVN	156	4.72	4.49	P09411
GltP	PYKSDFLKALSKGQN	133	3.84	3.82	D3Z1H8
Hapln2	QFNYFEAKRACEEQD	168	3.59	3.73	Q9ESM3
Chtop	PSVQAALKLKQKSLK	70	3.04	2.52	D3YZA1
Uchl3	MSPEERAKFLENYDA	136	2.51	3.43	Q9JKB1
Nup93	RKPGVIDKFTSDTKP	477	2.37	2.19	A0A1D5
Gdi1	AFDFENMKRKQNDVF	435	2.35	2.26	P50396
Gapdh	VIPELNGKLTGMAFR	225	2.33	2.57	P16858
Sptan1	FRDSDELKSWVNEKM	586	2.24	2.19	A3KGU5
Nmral1	KLLADLAKRLGLHYV	102	2.13	3.74	G5E8S7
Mobp	KSPLMPAKPRSPRP	104	1.89	2.28	Q9D2P8
Cryab	HFSPEELKVVLGDV	90	1.75	2.66	A0A1L1
Ncan	DLPILVAKDNVVRVA	96	1.61	2.27	A0A0R4
Ca2	LEALHSIKTKGKRAA	167	1.55	2.59	P00920
Aldh9a1	ERVLGFVKLAKEQGA	344	1.48	2.40	Q9JLJ2
Mvp	EGSVLQAKLKAQALA	745	1.45	2.77	Q9EQK5
Serpinb1a	TGLKKIEKQITLEKL	248	1.41	2.77	Q9D154
Coro2a	VLFLGSLKLLSTGT	235	1.39	2.60	Q8C0P5
Aspa	TKLTLSAKSIRSTLH	305	1.33	2.93	Q8R3P0
Atp5po	KYVDMSAKSKIQLS	199	1.21	2.48	Q9DB20
Uqcrc2	GLGLAGAKAKYRGGE	250	1.12	2.62	Q9DB77
Uqcrc2	GLAGAKAKYRGGEIR	252	1.12	2.62	Q9DB77
Taldo1	KLLGELLKDNSKLAP	265	1.12	2.92	Q93092
Taldo1	KFAADAIKLERMLTE	321	1.03	2.74	Q93092
Idi1	KSYCYVSKEEVREIL	176	-0.83	3.09	P58044
Dpysl4	IARRTAQKIMAPPGG	557	-0.98	3.63	Q3TMU8
H1-1	AASTATEKPAAAKKT	17	-1.22	3.28	P43275
Shmt2	DFKSFLKDPETSQR	474	-1.31	2.40	Q9CZN7
Ep300	VYTCNECKHHVETRW	1674	-1.41	2.57	B2RWS6
Tceal5	GKPARQGKLEVEGGP	46	-1.42	2.54	Q8CCT4
Ptma	TSSEITTKDLKEKKE	15	-1.49	2.45	P26350
H1-5	AAPAPVEKSPAKKKT	17	-1.61	4.13	P43276
Hspd1	IPALDSLKPANEDQK	455	-1.61	2.35	P63038
Uchl1	KKQIEELKGQEVSPK	71	-1.73	2.83	Q9R0P9
Ndufb3	LPDYRQWKIEGTPLE	29	-1.75	2.33	Q9CQZ6
Cldn11	SSSPTHAKSAHV____	203	-1.80	2.40	Q60771

Atp5mg	SAKTGSFKHLTVKEA	66	-1.82	2.20	Q9CPQ8
Pds5b	KSFFTPGKPKTANVL	1124	-1.95	3.76	Q4VA53
Atp1a3	SVFQQGMKNKILIFG	940	-2.07	3.47	Q6PIC6
Sirt2	STTISPGKSPPPAKE	333	-2.14	2.71	A0A140
Echs1	FAAGADIKEMQNRTF	101	-2.23	3.56	Q8BH95
Cmpk2	PKEVQKGKFQVIAIE	251	-2.30	2.77	Q3U5Q7
Bin1	SKGVTAGKIASNVQK	13	-2.35	2.91	O08539
Prdx3	AVVNGEFKELSLDDF	84	-2.44	3.59	P20108
Tcof1	PILATPGKTGPAATQ	327	-2.52	2.45	F6R3V4
Ywhaz	QEAFEISKKEMQPTH	157	-2.59	2.34	P63101
U2surp	IFKVAPSKWEAVDES	760	-2.79	2.12	Q6NV83
Hibadh	PDVCKEFKEAGEQVA	78	-2.84	2.70	Q99L13
Cbr3	DSAYGVSKLGVTULT	198	-3.13	2.08	Q8K354
Nme1	IHGSDSVKSAEKEIS	124	-3.16	2.16	P15532
Hspd1	INTSKGQKCEFQDAY	236	-3.35	2.52	P63038
Atp1a3	IPFNSTNKYQLSIHE	477	-3.51	2.19	Q6PIC6
Acly	YIADLDAKSGASLKL	259	-3.55	2.13	Q3V117
Dlat	AQWLAEFKKYLEKPI	631	-3.55	2.33	Q8BMF4
Aldh7a1	RVRQASLKDYEETIG	86	-3.73	3.64	Q9DBF1
Hbb-b1	SAIMGNAKVKAHGKK	60	-4.08	2.12	P02088
Hadha	GYLAESQKFGEALT	326	-4.19	2.07	Q8BMS1
Acaa2	IASEDAVKKHNFTPL	269	-4.61	3.40	Q8BWT1
Pcx	TVEFLVDKHGKHYFI	316	-4.80	3.52	G5E8R3
Idh2	DSALATQKYSVAVKC	106	-5.44	2.59	P54071
Cldn11	GHEPGVAKYRRAQLA	116	4.26	1.69	Q60771
Asrgl1	RAATEGYKILKAGGS	53	3.96	0.85	Q8C0M9
Atp1a3	RLIFDNLKKSIAAYTL	763	3.95	0.97	Q6PIC6
Aldh6a1	FVESKSDKWIDIHNP	55	3.67	1.12	Q9EQ20
Ech1	VQLNRPEKRNAMNRA	76	3.41	1.17	O35459
Plp1	RQIFGDYKTTICGKG	105	3.35	0.83	P60202
Dph2	APSRLELKPLCTSVL	60	3.33	0.66	V9GX25
Gapdh	TVDGPGSKLWRDGRG	192	3.13	0.52	P16858
Ddah2	EHGVLGGKLRQLGL	51	2.94	1.28	Q99LD8
Cpt2	SVQKLSFKLSSALKA	418	2.94	0.86	P52825
Ppp2r1a	VRYMVADKFTELQKA	266	2.83	1.61	Q76M23
Hspd1	IAKEGFEKISGANP	130	2.79	0.64	P63038
Eno1	QAVEHINKTIAPALV	71	2.78	0.69	P17182
Mdh1	SQGTALEKYAKKSVK	118	2.78	0.53	P14152
Cnp	GVLHCTTKFCDYGKA	254	2.73	0.99	P16330
Cbr1	CRLELQQKFRSETIT	157	2.67	0.70	P48758
Apoa1	AQRLAELKSNPTLNE	205	2.62	1.21	Q00623
Glud1	DKLVEDLKTRSEEQ	90	2.58	0.45	P26443
H1-4	AEKTPVKKKARKAAG	22	2.56	0.29	P43274
Sod2	NLNATEEKYHEALAK	68	2.56	0.55	A0A3B2
Hist2h2bb	GSKKAVTKVQKKDGK	21	2.55	0.54	Q64525

Hist2h2bb	APKKGSKKAVTKVQK	17	2.52	0.55	Q64525
Eef2	KKEDLYLKPIQRTIL	445	2.50	1.14	P58252
Cd9	KELQEFYKDTYQKLR	124	2.50	1.84	P40240
Hist2h2bb	PAPKKGSKKAVTKVQ	16	2.44	0.55	Q64525
Mdh2	TPLLLGKKGLEKNLG	297	2.41	1.09	P08249
Psmb3	RLNLYELKEGRQIKP	77	2.40	0.69	Q9R1P1
Actr3b	RVVDARLKLSQELSG	348	2.38	0.68	Q641P0
H1-2	GVSLAALKKSLAAAG	63	2.35	0.62	P15864
Ddx1	NAQVSQTKFLPNAPK	281	2.34	0.88	Q91VR5
Sod2	PKGGEPPKGELLEAI	114	2.32	1.59	A0A3B2
Sfr1	HSFCSVVKRMKVEND	149	2.31	0.51	Q8BP27
Sod2	GELLEAIKRDFGSFE	122	2.27	1.73	A0A3B2
Idh2	RIIWQFIKEKLILPH	67	2.27	0.98	P54071
Prdx6	TELGRAAKLAPEFAK	56	2.25	0.53	Q6GT24
Csrp1	TTNPNASKFAQKIGG	108	2.25	0.97	P97315
Atp5po	YSAASKEKKLDQVEK	53	2.25	1.45	Q9DB20
Prdx5	VEQAGALKAKGAQVV	112	2.24	0.50	P99029
Map1a	KILEGLEKLRHLDL	282	2.24	1.27	Q9QYR6
Aldh6a1	QLIKENLKEIARLIT	117	2.23	1.11	Q9EQ20
Pdxk	NLKVACEKTVSAMQH	258	2.23	0.95	Q8K183
Cdk13	__MLPEDKDADSLRG	6	2.23	0.94	A0A1Y7
Etfdh	RFAILTEKHRIPI	92	2.23	1.14	Q6PF96
Hk1	TVCGVVSKRAAQLCG	827	2.22	0.56	G3UVV4
Gstk1	DFFGETVKKGSINAM	93	2.17	0.64	Q9DCM2
Kyat3	DPRELESKFSSKTKA	204	2.15	0.83	Q71RI9
Nefh	EEAKTSEKVAPKKEE	878	2.09	0.47	P19246
Mcur1	QVMDEVTKVRTDTKL	247	2.09	0.75	Q9CXD6
Slc25a18	VTPEKAIKLAANDL	87	2.09	1.07	Q9DB41
Septin7	FMKRLHEKVNIPLI	186	2.08	0.79	E9Q1G8
Atp6v1e1	LSDADVQKQIKHMMA	10	2.08	0.81	P50518
Vdac2	TFSPNTGKKGSGKIS	109	2.07	2.06	G3UX26
Dld	EQKHSVAVKALTGGIA	132	2.07	0.99	O08749
Gpi	TRNPQFQKLEWHRA	12	2.04	0.81	P06745
Gad2	EHSHFSLKKGAAALG	286	2.02	0.59	P48320
Acsf2	LIRAIINKMNMKELV	398	2.02	1.09	Q8VCW8
Pars2	RLGLQWMKARADVGS	243	2.01	0.91	Q8CFI5
Ckb	IKLPHLGKHEKFSEV	304	2.00	0.84	Q04447
Epb41l2	KFLTGLSGFRYSGR_	413	1.99	1.14	A0A1W2
Eci1	KARSVMTKWLAIPDH	229	1.98	0.89	P42125
Smarcd3	EVAGGARKATKSKLF	12	1.98	0.77	Q6P9Z1
Sucg2	ACRELELVPLVRL	387	1.97	1.77	Q9Z2I8
Aldh4a1	KAFARIKKWLEHARS	401	1.94	1.09	Q8CHT0
Dlat	EFKKYLEKPITMLL_	636	1.91	0.54	Q8BMF4
Stxbp1	FKDPPTAKYRAAHVF	98	1.90	0.67	O08599
Wdr1	TQKEHLLKYEQPFA	95	1.90	0.92	O88342

Fasn	CTIIPLMKRDHKDNL	786	1.89	0.98	A0A0U1
Ptprd	SANLPCNKFKNRLVN	1012	1.89	1.19	Q5SPA9
Hadha	RGQQQVFVKGLNDKVK	406	1.88	0.46	Q8BMS1
Acat1	VKEDEEYKRVDFSKV	254	1.86	0.70	Q8QZT1
Mmut	SAIKRVNKFMEREGR	604	1.85	1.31	P16332
Dars2	KACSLGKLRLECAD	453	1.84	0.90	Q8BIP0
Znrf3	LAVQALEKMETRKFN	258	1.83	0.68	Q5SSZ7
Sptan1	NQKWEALKAKASQRR	876	1.82	1.11	A3KGU5
Hmgcs1	PYCKLVQKSLARMFL	273	1.82	0.62	Q8JZK9
Atp5po	MIVRIGEKYVDMSAK	192	1.81	1.64	Q9DB20
Glo1	RFEELGVKFVKKPDD	148	1.79	1.14	Q9CPU0
Atp5po	SAASKEKKLDQVEKE	54	1.79	0.72	Q9DB20
Macf1	LWENLGEKIAHRQHK	6163	1.78	0.92	E9QA63
Necap1	PKLDLGFKEGQTIKL	154	1.78	1.23	Q9CR95
Syt1	KVFLLPDKKKKYETK	189	1.78	0.54	P46096
Ccdc93	TEKAEDKKTALAAGL	224	1.77	1.35	E9QAD4
Acly	IGHYLDQKRLKQGLY	1077	1.77	0.66	Q3V117
Hagh	GGNEKLVKLEPGLKV	68	1.76	0.46	A0A0R4
Acat1	NCAENTAKKMNISRQ	199	1.73	1.57	Q8QZT1
L2hgdh	IHSGIYYKPESLKAK	105	1.72	0.58	Q91YP0
Lmna	EEVDEEGKFVRLRNK	450	1.72	1.51	P48678
Kyat3	KSKPHFEKLVRFCFI	427	1.72	1.07	Q71RI9
Mrpl16	IPERSKLFVERVPL	51	1.70	1.42	Q99N93
Myo1d	RVKNMMLKSNCVLEA	140	1.69	0.79	Q5SYD0
Crat	RMAHYLEKALLDMRT	609	1.68	1.05	P47934
Thop1	PHYFPLLKKCHVPET	229	1.68	1.46	A0A0R4
Septin9	ITHDIEEKGVRMKLT	350	1.67	1.04	Q80UG5
Gna13	KNQLHGDKLMAFDTR	121	1.66	0.63	P27601
Cspp1	LRAEEKKNVIMELS	110	1.64	0.78	A0A087
Pcca	SENKEFAKRLAAEDV	150	1.64	0.69	Q91ZA3
Tomm70	KGFEIHKFPRCAE	473	1.64	0.87	Q9CZW5
Alb	RVCLLHEKTPVSEHV	490	1.64	1.39	P07724
Idh2	VDRAGTFKLVFTPKD	193	1.64	1.11	P54071
Idh2	HYAEKRIKVEKPVVE	45	1.63	0.68	P54071
Myo6	IGLDDEEKLDLFRVV	334	1.62	0.67	E9Q175
Ncoa2	HDSKGQTKLLQLLTT	640	1.60	0.63	E9PV80
Dld	GGIAHLFKQNKVVHV	143	1.60	0.81	O08749
Dock10	KHGGSDIKWVDGGKP	487	1.60	1.14	A0A0R4
Snca	_MDVFMKGLSKAKE	6	1.60	1.17	O55042
Ppp2r5e	EFQPSIAKKYIDQKF	173	1.60	0.69	Q61151
Acot13	LTNKTGKLIQGRH	127	1.59	0.39	Q9CQR4
Hadha	YNGQVLCKKNKFGAP	350	1.59	0.82	Q8BMS1
Cbr3	CREDLQEKFRCDTLT	157	1.59	0.76	Q8K354
Sptbn2	LLDFESLKKCNAHYN	229	1.58	0.89	Q68FG2
Atp5pd	LVDDFEKKYNALKIP	73	1.56	0.38	Q9DCX2

Septin6	ISKSELAKFKIKITS	196	1.56	0.56	Q9R1T4
Camk2a	EAKDLINKMLTINPS	250	1.56	0.53	P11798
Septin7	QHKELEEKRRQFEEE	400	1.55	1.08	E9Q1G8
Coro2b	RQLQLELKNLRNNPK	471	1.54	1.37	Q8BH44
Thns1	DKVLDVVKRYQDVDS	221	1.54	0.58	Q8BH55
Serpina1b	LNKELISKILLNRRR	292	1.54	0.32	P22599
Gcat	DMADLEAKLKEAQKH	184	1.52	0.74	O88986
Il33	NSKISPAKFSSTAGE	16	1.51	1.74	D3Z6T7
H2aj	RNDEELNKLLGRVTI	96	1.51	0.66	A0A0N4
Tpi1	FFVGGNWKMNKRKCC	64	1.51	1.72	P17751
Nfasc	SRFFNIAKDPRVSMR	86	1.50	1.40	Q810U3
Ndufab1	YDKIDPEKLSVNSHF	68	1.50	0.46	F6ZFT1
Etfhd	QPTLEGGKRIAYGAR	296	1.49	0.95	Q6PF96
Cyb5r1	NFNIQPNKKSPPELR	167	1.49	0.54	Q9DB73
Atp1b1	GKPCIIKLNRLVGF	179	1.48	1.26	P14094
Hapln1	AFGSGIHKIRIKWTK	78	1.48	1.87	Q9QUP5
Aldh6a1	VKLFIDGKFVESKSD	47	1.48	1.05	Q9EQ20
Myo1d	QDDVAYGKSKIFIRT	676	1.48	1.70	Q5SYD0
Mmab	ELERWIDKYSSQLPP	153	1.47	0.78	Q9D273
H1-4	PVSELITKAVAASKE	46	1.47	0.53	P43274
Aco2	SAAGPWLKFRGHLDN	605	1.46	0.68	Q99KI0
Alb	PVSEHVTKCCSGSLV	499	1.46	1.24	P07724
Gm49601	FMKALHEKVNIVPLI	190	1.45	0.74	A0A338
Plpbp	PRLVAVSKTKPADMV	39	1.45	0.46	A0A1B0
Cnp	RWMLSLTKKMEVKAI	385	1.45	0.89	P16330
Rab14	LLHQFTEKKFMADCP	34	1.45	0.91	Q91V41
Gpi	RVRSGDWKGYTGKSI	142	1.44	0.64	P06745
Dctn1	QVRDLEEKLETLRK	213	1.44	0.72	E9Q3M3
Serpinb1a	SLNAEVSKRGASHTL	79	1.43	2.01	Q9D154
Slc25a24	KTRLAVAKTGQYSGI	318	1.43	0.78	Q8BMD8
Kctd4	NAPDFISKIKSRIVL	167	1.43	0.74	Q9D7X1
Pgk1	KVKAEPKIDAFRAS	146	1.42	0.57	P09411
Acad12	RLGDDQLKVAKMELK	535	1.42	0.56	D3Z7X0
Actr2	KGVRVLEKLGVTVR_	388	1.42	0.96	P61161
Sptan1	AAEDVKAKLSELNQK	864	1.42	0.72	A3KGU5
Serpinb1a	FGYISDLCKVLEMP	213	1.41	1.46	Q9D154
Dld	GGIAHLFKQNKVVHV	143	1.41	0.86	O08749
Thns1	VLKSHAELIQNWV	736	1.41	0.99	Q8BH55
Npm1	SLPKVEAKFINVKN	237	1.40	0.43	Q5SQB0
Tst	YRALVSTKWLAESIR	14	1.40	1.16	P52196
H3f3a	REIAQDFKTDLRFQS	80	1.40	1.86	E0CZ27
Glud1	RFTMELAKKGFIGPG	211	1.39	1.70	P26443
Scp2	FKANLVFKEIEKKLE	438	1.39	0.64	P32020
C1qbp	NFVVEVTKTDGKKTL	172	1.39	0.32	Q8R5L1
Pkm	GAIIVLTKSGRSAHQ	433	1.39	1.40	P52480

Glrx	AQEFVNCKIQSGKVV	9	1.38	2.09	A0A1Y7
Ptpa	YKAECLEKFPVIQHF	302	1.38	0.46	P58389
Nfasc	YQCFARNKFGTALSN	123	1.38	1.80	Q810U3
Atp5po	AVLNPHYIKRTVKVKS	84	1.37	0.61	Q9DB20
Gpd2	KSSYVLSKSRALHF	197	1.37	1.22	Q64521
Ppp2r5a	DFQPSIAKRYIDQKF	50	1.37	0.71	A0A0A6
Serpina1c	LSKELISKFLLKRPR	292	1.37	0.56	A0A0R4
Cpne6	QLTFRAHKLDNKDLF	162	1.36	1.14	Q3UYN2
Mapk3	KTKVAWAKLFPKSDS	295	1.36	0.49	D3Z3G6
Pdha1	LCVREATKFAAAYCR	267	1.36	0.54	P35486
Gfap	RFASYIEKVRFLQQ	83	1.36	1.29	P03995
Stxbp1	HSLISDFKDPPTAKY	92	1.35	0.81	O08599
Arhgap1	GIPRQVLKYDDFLKS	212	1.35	1.16	Q5FWK3
Sptbn2	LLDITTDKFRFFKAV	1909	1.35	0.44	Q68FG2
Gltf	LLAEHLLKPLPADRQ	10	1.34	0.64	D3Z1H8
Sdha	AHAREDYKVRVDEYD	598	1.34	0.79	Q8K2B3
Acot13	EVMKVMFKVPGFDRV	17	1.34	1.68	Q9CQR4
Rida	RKVISTTKAPAAIGP	13	1.33	0.94	P52760
Cltc	HIAQLCEKAGLLQRA	623	1.33	0.76	Q5SXR6
Bcat1	PTMENGPKLASRILG	360	1.33	0.64	P24288
Gpd1l	ITGRVPEKALGITLI	114	1.32	1.21	Q3ULJ0
Ivd	QLRHTISKFLQENLA	56	1.32	0.95	Q9JHI5
Hspe1	RDSIDLGKYVD_____	99	1.32	0.37	Q64433
Map2	HDRKANDKLDTVLEK	961	1.32	0.62	P20357
Plcb1	VCVSDSLKKGTKFVK	23	1.32	0.44	Q9Z1B3
Cox4i1	SSLSRDEKVQLYRIQ	78	1.31	0.42	P19783
Cap1	SITVDNCKKLGLVFD	375	1.31	0.59	P40124
Ap2m1	KPSLLAQKIEVRIPT	317	1.30	0.68	Q3TWW4
Atp5f1e	KAVRDALKTEFKANA	28	1.30	0.28	P56382
Acadsb	GKIGHGYKYAIGSLN	284	1.29	1.00	E9Q5L3
Got2	CKDAEEAKRVESQLK	302	1.29	1.33	P05202
Rala	NYVETSAKTRANVDK	159	1.29	1.21	P63321
Hspd1	RKGVITVKDGKTLND	202	1.28	0.37	P63038
Sacm1l	AAAYEHLKLHITPEK	10	1.27	0.45	A0A5F8
Dpysl2	PFPDFVYKRIKARSR	480	1.27	1.44	O08553
Lactb	GELYLKEKFENSIES	301	1.27	0.57	Q9EP89
Slc25a5	AGAEREFGKLGDCLV	155	1.26	0.28	P51881
Dlg4	ENVLEINKRITEEQA	603	1.25	0.70	A0A338
Cap1	EMVHTGLKLERALLA	80	1.25	0.72	P40124
Hspe1	EIEPVSVKVGDKVLL	66	1.25	0.27	Q64433
Fkbp1a	PFKFTLGKQEVIRGW	53	1.25	0.38	P26883
H2bc14	KSAPAPKKGSKKAVT	NaN	1.25	0.93	P10854
H2bc14	TKSAPAPKKGSKKAV	12	1.25	0.93	P10854
H2bc21	AKSAPAPKKGSKKAV	12	1.25	0.93	Q64524
Aass	KHIKGITKLGKVLII	52	1.25	2.37	Q99K67

Acadm	EYPFLIKRAWELGL	79	1.25	0.98	P45952
Gap43	KDAVDEAKPKESARQ	206	1.24	0.34	P06837
Pdpk1	LEYHFPEKFFPKARD	180	1.24	0.39	F2Z3Z9
Acot13	ASVDLTNKTGKLI	123	1.24	1.07	Q9CQR4
Myo1d	DTLFQDFKRLMYNSS	532	1.24	1.35	Q5SYD0
Mbd5	GLTSWPGKFIREDDV	35	1.24	0.43	A0A0G2
Tuba1b	AIATIKTKRTIQFVD	338	1.24	1.18	P05213
Gng12	IERIKVSKASADLMS	34	1.23	0.55	A0A0N4
Mog	LQHRLRGKLRAEVEN	185	1.23	0.46	Q3UY21
Snx3	KTNLPFKLKESTVR	61	1.23	1.48	Q78ZM0
Cltc	RAVNYFSKVQLPLV	1445	1.22	0.30	Q5SXR6
Aco2	FLTGKDGKKFLEAP	520	1.22	1.63	Q99KI0
Smarca5	DILNSAGKMDKMRL	439	1.22	0.98	Q91ZW3
Cltc	FTDLYDIKRAVVHTH	641	1.21	0.65	Q5SXR6
Acadl	CLQLHETKRLDSGSA	358	1.21	1.21	A0A0R4
Sdhb	KSIEPYLKKKDESQE	160	1.21	0.54	Q9CQA3
Plec	LSYTQLLKRCRRDDP	4006	1.21	1.11	Q9QXS1
Ptges3	DVNVNFEKSKLTFSC	33	1.21	0.36	D3Z7C6
Npm1	PSSVEDIKAKMQASI	218	1.21	0.70	Q5SQB0
Nwd2	NKHGILQKLRLIHE	555	1.21	0.46	Q6P5U7
Vps53	AIQQLFGKIKDIKDK	110	1.20	1.03	E9PYD3
Crat	MLHGGGSKFNSGNRW	315	1.20	0.53	P47934
Myh10	NHEKKAGKLDPHLVL	689	1.19	0.56	Q61879
Pgk1	KAAPPSIKFCLDNGA	48	1.19	0.27	P09411
Hspa2	TRIPKIQKLLQDFFN	348	1.19	0.42	P17156
Pars2	PFVIIAGKRALEDPA	438	1.19	0.95	Q8CFI5
Rtn1	HINTVVAKIQAKIPG	767	1.18	0.70	Q8K0T0
Cmas	KAVGYICKCSGGRGA	404	1.18	0.90	A0A0R4
Shmt2	TAKLQDFKSFLKDP	469	1.18	0.29	Q9CZN7
Cisd1	CRCWRSKKFPDGA	79	1.18	1.00	Q91WS0
Rpl10a	HMDIEALKKLNKNKK	91	1.18	0.44	A0A3B2
Uba1	FCHSRGIKLVVADTR	185	1.18	1.65	Q02053
Stx1b	EIRGCIEKLSERVED	45	1.17	0.67	P61264
Rgs7	YQELLQAKRKGKTLT	451	1.17	0.81	O54829
Tpm4	LNSLEAVKRKIQLQ	11	1.17	1.97	Q6IRU2
Nipsnap2	KLQFHNVKPECLDAY	77	1.17	0.47	O55126
Taldo1	ELLKDNSKLAPALSV	269	1.17	1.89	Q93092
Pdk3	AQGVIEYKEKFGFDP	134	1.17	0.35	Q922H2
Serpinb1a	EDESTGLKKIEKQIT	244	1.16	0.60	Q9D154
Septin11	IAKNELHKFKSKIMS	195	1.16	0.69	A0A0J9
Aldoa	AAQEEYIKRALANSL	330	1.15	0.56	P05064
Nme1	GLVGEIIRFEQKGF	26	1.14	1.20	P15532
Hbb-bs	VAAALAHKYH_____	145	1.14	0.71	A8DUK4
Ncdn	LARILGSKLSSWQRN	272	1.13	0.73	Q9Z0E0
Sccpdh	VAGRSKEKLQQVLEK	51	1.13	1.05	Q8R127

Pdha1	TVRRMELKADQLYKQ	77	1.13	0.91	P35486
Cnp	LARLILEKYHDGTM	73	1.13	2.22	P16330
Sh3glb2	VEEFLYEKLDRKVPS	79	1.13	1.74	A2AWI9
Atp5po	KKLDQVEKELLRVGQ	60	1.12	1.51	Q9DB20
Ogdh	QCQWIRQKFETPGIM	233	1.12	0.48	Z4YJV4
Acadl	PHHTEWEKAGEVSRE	81	1.12	0.31	A0A0R4
Atp1a1	PKHLLVMKGAPERIL	508	1.12	0.79	Q8VDN2
Gm8797	_MQIFVKTLTGKTI	6	1.12	1.45	A0A0A6
Synj1	VKGGKAEKLHSILKP	346	1.12	0.84	E9Q7S0
Gltf	TEEECKEIRLFLVN	149	1.12	1.15	D3Z1H8
Map2k2	GNGGVVTKARHRPSG	88	1.11	0.88	M0QWN2
Dctn1	RNLNLEEKVRELRET	436	1.11	0.50	E9Q3M3
Atp5pd	GLVDDFEKKYNALKI	72	1.11	1.18	Q9DCX2
Atp5pd	YYRANVAKPGLVDDF	63	1.11	1.18	Q9DCX2
Immt	RTVEGALKERRKAVD	281	1.11	0.42	Q8CAQ8
Ndufa4	NNPEPWNLGPNEQY	23	1.11	1.01	A0A0N4
Ppp1r42	LTVDLIAKNSNLKPR	11	1.10	0.28	E9PUJ7
Dus3l	DPAEPGAKRIRLEDG	64	1.10	0.52	A0A0R4
Gphn	IINLPGSKKGSQECF	148	1.10	1.53	Q8BUV3
Camk2d	TGQEYAAKIINTKKL	43	1.10	0.74	Q8CCM0
Sptan1	DLFLTFAKKASAFNS	2083	1.10	0.98	A3KGU5
Lcmt1	DLSELEEKLKCNMN	179	1.09	0.81	A0A0U1
Anxa5	LKSELTGKFEKLIVA	74	1.09	0.76	P48036
Idh2	EKRIKVEKPVVEMDG	48	1.09	1.26	P54071
Kras	PFIETSAKTRQRVED	147	1.09	1.03	P32883
Pfn2	KKAYSMAYLRDSGF	133	1.09	0.68	Q9JJV2
Cpt2	FKLSSALKAGVTAAK	424	1.09	1.16	P52825
Maob	TIRNKNVKYVDLGGS	52	1.08	0.98	Q8BW75
Lmna	LSTALSEKRTLEGEL	155	1.08	0.32	P48678
Aldh9a1	VQKEIADKFINEVVK	303	1.08	0.78	Q9JLJ2
Idh3b	YDMQLRRKLDLFANV	134	1.08	0.51	Q91VA7
Serpina1c	LNKELISKFLLNRRR	292	1.08	0.37	Q00896
Cltc	ATHNALAKIYIDSN	885	1.08	0.49	Q5SXR6
Eno1	CRSERLAKYNQILRI	406	1.08	1.09	P17182
Prps1l3	SPDAGGAKRVTSIAD	176	1.08	2.42	G3UXL2
Clic4	ALERGLLKTQLKDE	146	1.07	1.52	Q9QYB1
Atp5pb	HMIDWVEKHVVKSIS	221	1.07	0.65	Q9CQQ7
Pdha1	LKADQLYKQKIIRGF	83	1.07	0.54	P35486
Arhgef7	TTGMTITKLEDSENH	363	1.07	0.38	D3Z0V2
Socs6	_MKKISLKTFRKSFN	7	1.06	0.62	A0A494
Paics	SDLGHCEKIKKACGN	283	1.06	0.51	Q9DCL9
Ddah2	GSSEAAQKAVRAMAA	194	1.06	1.56	Q99LD8
Wdr33	QQLTFDGKMRKAVN	46	1.06	0.68	Q8K1G7
Dars1	HHGIDLEKIKAYIDS	451	1.06	0.79	Q922B2
Atp5pd	EYEKQLEKMRNIIPF	121	1.06	0.31	Q9DCX2

Cnp	QLSADDLKKLKPGL	174	1.06	1.29	P16330
Slc25a22	VTPEKAIKLAANDFF	83	1.05	0.89	Q9D6M3
Cdk5	LREICLLKELKHKNI	56	1.05	1.46	P49615
Cct3	LDSSLEYKKGESQTD	210	1.05	0.71	E9Q133
Eno1	AEVYHNLKNVIKEY	193	1.05	0.41	P17182
Cnp	ADFSEAYKRLDEDLA	101	1.05	2.45	P16330
Atp6v1a	SALSARDIKWEFIPSK	132	1.05	1.01	P50516
Nefh	TTELEALKSTKESLE	334	1.04	1.84	P19246
Gatd3a	TEAHVDQKNKVVTTP	231	1.04	0.84	Q9D172
Oxct1	MDLVSSSKTKVVVTM	434	1.04	0.61	Q9D0K2
Eno1	KEALELLKTAIAKAG	228	1.04	0.60	P17182
Bsn	AEQASSSKPPAAKAP	3861	1.04	0.36	O88737
C2cd2l	GGLVPSEKPPTMSQA	271	1.04	0.98	Q80X80
Cmpk1	AANAQKNKFLIDGFP	88	1.04	1.41	Q9DBP5
Acot2	RSALRDEKGALFRAH	83	1.04	0.98	Q9QYR9
Bcat1	LASRILGKLTDIQYG	368	1.03	0.98	P24288
Ywhae	DEMVESMKKVAGMDV	28	1.03	0.54	P62259
Nsd3	PTAIFESKGFRC PQH	800	1.03	0.69	D3Z197
Gnai1	EKAAREVKLLLLGAG	35	1.03	1.77	B2RSH2
Eno1	GKYDLDFKSPDDPSR	262	1.03	0.95	P17182
Dync1h1	RSFDSEFKLACKVDG	4281	1.03	1.52	Q9JHU4
Tpi1	EKLRGWLKS NVNDGV	244	1.02	0.84	P17751
Ndufa5	NEKLDMVKAEPDVKK	60	1.02	0.51	Q9CPP6
Atp5f1a	GKGPIGSKTRRRVGL	167	1.02	0.39	Q03265
Sfxn5	RTL FVTEKRLREAVQ	60	1.02	2.23	Q925N0
Dbi	RPGLLDLKGKAKWDS	51	1.02	0.63	P31786
Ewsr1	GKDFQGSKLKVSLAR	401	1.02	0.50	Q5SUT0
Fasn	GKLKDL SKFDASFFG	59	1.01	0.48	A0A0U1
Prdx5	FEGEPGKKVNLAELF	71	1.01	0.39	P99029
Uqcrrf1	AMSKIEIKLS DIPEG	155	1.01	1.00	Q9CR68
Got2	KQWLQEVKGMADR II	345	1.01	0.81	P05202
Gls	RHSIGDTKVPFCLQS	284	1.00	0.33	D3Z7P3
Abhd10	VAVEEFCKSLGHAFI	92	1.00	0.30	Q6PE15
Gsn	TGAQELLKVLRSQHV	621	0.99	1.01	P13020
Plpbb	HFIGHLQKQNVNKL M	91	0.99	0.97	A0A1B0
Pygb	AQLEKEYKV KINPAS	555	0.99	0.61	Q8CI94
Pygb	KFSAQLEKEYKV KIN	552	0.99	1.73	Q8CI94
Hibch	THFVDSEKLRVLEEE	220	0.98	1.12	Q8QZS1
Nup93	FDIIDRLKLVPLNQE	595	0.98	1.02	A0A1D5
Gnai1	GYSEEECKQYKAVVY	67	0.98	1.88	B2RSH2
Actn1	PELIDYGKLRKDDPL	195	0.98	0.62	A1BN54
Capza2	PKNRICFKFDHLRKE	97	0.97	0.56	P47754
Eno2	AEVYHTLKGV KDKY	193	0.97	0.55	P17183
Etfdh	ELWIIDEKKWK PGRV	223	0.97	0.89	Q6PF96
Tcp1	HDALCVVKRVLELKS	400	0.97	1.37	P11983

Rac1	AKEIGAVKYLECSAL	153	0.97	0.41	P63001
Med6	STKGPPEKRMRLQ__	190	0.97	0.34	A0A0R4
Ckb	SNSHNTQKLRFPAED	11	0.96	0.69	Q04447
Tbc1d24	SPEKLEKAFAIRLF	288	0.96	1.13	Q8BRB6
Pgk1	KAGGFLMKKELNYFA	191	0.96	2.32	P09411
Acadl	GTKEQIEKFIPQMTA	156	0.96	0.47	A0A0R4
Prdx1	_MSSGNAKIGYPAPN	7	0.96	2.08	P35700
Ehd3	LKKLYKTKLLPLEEY	32	0.96	0.62	Q9QXY6
Trim44	IELVERLKFKSSDPK	9	0.96	0.73	A2AGP1
Rtn3	QTKSIVEKIQAKLPG	950	0.96	1.84	Q9ES97
Abcb8	DIAFFDAKKTGQLVS	228	0.96	0.65	Q9CXJ4
Atp1b2	ATDDERDKFAGRVAF	276	0.95	0.43	P14231
Tuba1b	AWARLDHKFDLMYAK	394	0.95	0.70	P05213
Trim44	LVERLKFKSSDPKVT	11	0.95	0.70	A2AGP1
Sv2a	GGQYFNDKFIGLRLK	515	0.95	0.47	Q9JIS5
Kyat3	ALSCLYGKIYQRQID	117	0.95	0.42	Q71RI9
H2az2	GVIPHIHKSIGKKG	116	0.94	0.49	Q3THW5
Rhob	PIILVANKKDLRSDE	118	0.94	1.28	P62746
Exoc6b	LYGTTTFKDARHAAE	599	0.94	0.94	A6H5Z3
Mtatzp8	VKTPWELKWTKIYLP	54	0.94	0.79	P03930
Aass	PVSLTVGKQEAQLQS	535	0.94	0.62	Q99K67
Lonp1	DKDAIEEKFRERLRE	409	0.94	0.50	Q8CGK3
Trim44	KFKSSDPKVTRDQMK	16	0.93	0.61	A2AGP1
Ppa2	FAFNGEFKNKAFALD	254	0.93	1.21	Q91VM9
Aldh1l1	KFAELTLKAGIPKGV	615	0.93	0.72	Q8R0Y6
Got2	GAFTVVCKDAEEAKR	296	0.93	0.81	P05202
Got2	CKDAEEAKRVESQLK	302	0.93	0.81	P05202
Wdr1	SILASTLKDEGKLE	480	0.93	0.54	O88342
Atp1a3	GDHPITAKAIAKGVG	615	0.93	1.86	Q6PIC6
Atp5f1a	IDTIINQKRFNDGTD	230	0.92	0.76	Q03265
Calb2	GFLSDLLKKANRPYD	141	0.92	1.21	Q8CCS7
Sptbn1	PDLIDFDLKKKNAH	224	0.92	0.58	Q62261
Synrg	GTKASTDKYAVFKGI	508	0.92	0.63	V9GXD9
Cnp	YAQQEVVKRSYGKAF	274	0.92	1.62	P16330
Immt	VDLDNVVKKVQAAQS	342	0.92	0.72	Q8CAQ8
Prdx6	VATPVDWKKGESVMV	182	0.92	0.61	Q6GT24
Shank3	PSRGRAGKFLDEERL	66	0.92	0.44	Q4ACU6
Gdi2	TFEGVDPKKTSMRDV	164	0.91	2.34	Q61598
Atp5pb	IDKLNEEKIAQLEEV	131	0.91	0.42	Q9CQQ7
Pafah1b2	AKVNQLLKVSPLKLA	161	0.91	2.07	A0A1L1
Magi3	ENPVEEAKRKKQLGQ	378	0.91	0.56	G5E8T6
Cnp	MVSADAYKIIPGSRA	87	0.91	0.89	P16330
Bcs1l	REFIDNPKWYIDRGI	213	0.91	0.25	Q9CZP5
Ugp2	FHRFLQEKGPSVDWG	69	0.91	1.60	Q91ZJ5
Pcca	EQAVALAKAVKYSSA	321	0.91	0.39	Q91ZA3

Ddt	LEAWQIGKKGTVMTF	110	0.91	0.39	O35215
Crebbp	EPEPTESKGEPSEM	977	0.91	0.41	A0A0U1
Pkm	SRSVEMLKEMIKSGM	62	0.91	0.36	P52480
Ap2b1	NNVYTIKRNVEGQD	878	0.90	0.34	Q9DBG3
Aco2	FLTGKDGKKFKLEAP	520	0.90	0.50	Q99KI0
Nqo1	SESSLAYKEGRLSPD	77	0.90	0.78	Q64669
Anln	LLIDELNKLKSEGPO	774	0.90	0.90	Q8K298
Dync1h1	SKEVRNLKWLGRVP	752	0.90	0.91	Q9JHU4
Sirt2	EYTMGWMKEKIFSEA	173	0.89	0.55	A0A140
Mcee	RSLSDEAKIGAHPKP	98	0.89	0.38	A0A0U1
Wdr1	EGPPFKFKFTIGDHS	182	0.89	0.85	O88342
Got2	KEIASVVKKKNLFAF	234	0.89	1.11	P05202
Got2	EIASVVKKKNLFAFF	235	0.89	1.11	P05202
Sptan1	IGVQNLLKKHQALQA	824	0.89	0.98	A3KGU5
Rps7	PQLKSFQKIQVRLVR	74	0.89	0.44	P62082
Rabggt	YLDDLRSKFLVENS	428	0.88	0.77	Q9JHK4
Gpm6a	IVTIGEEKKICTASE	189	0.88	0.29	P35802
Myo5a	KNLILELKPRGAVN	1469	0.88	1.79	D3YZ62
Sptan1	QMIEKRSKLGESQTL	1526	0.88	0.52	A3KGU5
Pgk1	SLMDEVVKATSRGCI	361	0.88	0.59	P09411
Syn2	QPQSGTLKEPDSSKT	442	0.88	0.36	Q64332
Nckap1	SQQLAEKLTILNDR	16	0.88	1.17	P28660
Tppp	SRLTDTSKFTGSHKE	170	0.88	0.50	Q7TQD2
Cct8	ELVCCSAKNLRDVDE	152	0.87	0.89	P42932
H1-0	LVTGVLKQTKGVGA	82	0.87	1.80	P10922
Otub1	GYLQRESKFFEHFIE	188	0.87	0.52	Q7TQI3
Pgam1	PAGHEEAKRGGQALR	39	0.87	0.44	Q9DBJ1
Prdx1	DISLSEYKGKYVFF	35	0.87	0.22	P35700
Alb	CCDKPLLKKAHCLSE	309	0.86	1.05	P07724
Tkt	HQVDIYQKRCEAFGW	204	0.86	0.77	P40142
Mcur1	KLNFNLEKSRVKELY	260	0.86	1.06	Q9CXD6
Pdha1	ADQLYKQKIIRGFCH	85	0.86	1.72	P35486
Pdha1	LKADQLYKQKIIRGF	83	0.86	1.72	P35486
Mtarc2	RLFGLDIKGRDCGDE	63	0.86	1.02	E0CZH6
Pkm	EKVFLAQKMMIGRCN	311	0.85	0.39	P52480
Eno2	CRSERLAKYNQLMRI	406	0.85	0.57	P17183
Atp6v1a	QVRPVTEKLPAHPL	220	0.85	0.55	P50516
Gnao1	KAIEKNLKEDGISAA	24	0.85	2.47	P18872
Prodh	QRMDVLAKKAKEAGV	265	0.84	1.51	A0A0R4
Aldh4a1	NHAHKVAKFCYADKA	92	0.84	1.52	Q8CHT0
Dync1h1	KALEHAFKLEHIMDL	2440	0.84	0.58	Q9JHU4
Psmc2	PKYIINVQFAKFVV	116	0.84	0.95	P46471
Atp1b1	KFIWNSEKKEFLGRT	21	0.83	1.04	P14094
Pygm	VENVSELKKNFNRHL	29	0.83	1.52	E9PUM3
Hras	PYIETSAKTRQGVED	147	0.83	1.07	Q61411

Wdr91	LSLEWATKRDRLLLL	462	0.83	1.02	S4R1X1
Cct8	DDGVNTFKVLTRDKR	400	0.83	0.37	P42932
Cryzl2	AALCTELKQPLTIQE	36	0.83	0.24	A0A0A6
Echdc1	KVLSGTLKLDSKEAL	232	0.83	1.29	Q9D9V3
Ass1	DVLEIEFKKGVVPKV	228	0.82	0.24	P16460
Hibadh	LDPKLLAKILNMSSG	241	0.82	0.50	Q99L13
Tsg101	LISAVSDKLRWRMKE	100	0.82	2.60	A0A1B0
Lypla2	FGALTAEKLRVTVTP	190	0.82	1.83	Q9WTL7
Dbi	DKAAEEVKRLKTQPT	14	0.82	0.83	P31786
Vdac3	SFDTAKSKLSQNNFA	163	0.82	1.22	Q60931
Pfkl	FSPVTEKKETDFEH	726	0.82	1.75	P12382
Ppp1cb	CKRRFNIKLRWKTFTD	146	0.82	1.40	P62141
Hsp90aa1	KFYEQFSKNIKLGIIH	444	0.82	0.84	P07901
Sirt5	DARIPVDKLRPRCEEA	203	0.82	1.97	A0A1Y7
Tjp1	TFSVHTDKPKYQMNN	1516	0.82	0.36	B9EHJ3
Ank2	RGNTNMVKLLLDGRGG	283	0.82	0.93	S4R2F3
Mdh2	AEAIPELKASIKKGE	324	0.82	1.10	P08249
Pfkl	FQPVAELKKVTDFFEH	735	0.81	0.68	Q8C605
Gstm1	TDSSYDEKRYTMGDA	31	0.81	0.59	P10649
Yeats4	DTNAMLGKKTVVSEF	131	0.81	0.43	Q9CR11
Aass	YDPVEYEKYPERYTS	286	0.81	0.32	Q99K67
Pebp1	KSGDNRGKFKVETFR	148	0.81	0.16	P70296
Cyb5b	PDAREMLKQYYIGDV	88	0.81	0.46	Q9CQX2
Cfl1	IKVFNDMKVRKSSTQ	19	0.81	1.04	P18760
Got2	KEIASVVKKKNLFAF	234	0.81	1.02	P05202
Ap2m1	VSGRVVMKSYLSGMP	201	0.81	0.35	Q3TWV4
Ncdn	WQRNPALKLAARLAH	283	0.81	1.57	Q9Z0E0
Ywhaz	QKTEGAEEKQQMARE	74	0.81	0.50	P63101
Opa1	PHHVALFKDSSREFD	342	0.81	0.44	P58281
Pdha1	SDPIMLLKDRMVNSN	321	0.81	1.07	P35486
Pdha1	EIQEVRSKSDPIMLL	313	0.81	1.07	P35486
Lgi1	AEKAKFVKFQELNVQ	489	0.81	0.53	A0A0G2
Aak1	EHDQLQVCKREIQIMR	88	0.80	0.43	Q3UHJ0
Acp6	DPTTAPSKTRKMYLY	316	0.80	0.31	Q8BP40
Ap2a1	DTVINALKTERDVSV	378	0.80	0.81	P17426
Rps20	MAFKDTGKTPVEPEV	8	0.80	0.45	P60867
Psm4	LLREVLEKQPVLSQT	201	0.80	0.66	P99026
Ak3	PVLQYYQKKGVLETF	189	0.80	0.48	Q9WTP7
Synj1	EALGLAEKPQLVTRF	414	0.80	0.33	E9Q7S0
Lrrc57	PDELCNLKKLETLSL	85	0.79	0.40	A2AKH7
Atp5f1a	IKEGDVVKRTGAIVD	132	0.79	0.30	Q03265
Hadha	EGQRMFEKLEKSPKP	129	0.79	1.46	Q8BMS1
Glud1	QIMRTAMKYNLGLDL	527	0.79	1.28	P26443
Ppat	SDGSAVPKFRVHKGM	60	0.79	0.95	Q8CIH9
Ppp4r3a	RERQDNPKLDSMRSI	32	0.79	0.44	A0A1Y7

Gldc	GLLGSSFKRTSPFLT	519	0.79	1.17	Q91W43
Amph	DVKMVGEKCDVLWED	101	0.79	0.40	Q7TQF7
Prdx5	VNLAELFKGKKGVLF	79	0.79	0.82	P99029
Cyrib	TLSDATTKFVSENKN	207	0.79	1.12	Q921M7
Actr3	RTVDARLKLSEELSG	348	0.79	0.79	Q99JY9
Aldh5a1	IHDSFVTKFAEAMKK	347	0.79	0.64	Q8BWF0
Atp6v1h	EKNYELLKILTKLLE	374	0.79	0.73	A0A0A6
Syngap1	LSKEALLKLGPLPRL	710	0.79	1.14	F6SEU4
Cdc42	ITPETAEKLARDLKA	144	0.78	2.50	P60766
Mthfd1l	DLVCELAKRAGAFDA	817	0.78	0.58	Q3V3R1
Sacs	DIYRISEKLDLGVK	4137	0.78	0.55	E9QNY8
Ndufb4	LLQYNDPKRVSHIED	55	0.78	1.97	Q9CQC7
Gpi	KSPEDLEKLLPHKVF	461	0.78	1.11	P06745
Sod2	GELLEAIKRDFGSFE	122	0.78	1.72	A0A3B2
Pccb	GMAADKNKFPGDSVV	103	0.78	0.88	Q99MN9
Acaa2	GVFIVAAKRTPGAY	13	0.78	2.01	Q8BWT1
Capzb	HVVEVQEKSSTGTAH	159	0.78	0.40	P47757
Auh	ALSKNLLKMLSKAVD	84	0.78	0.39	A0A0R4
Mecp2	LVSTLGEKSGKGLKT	331	0.78	0.96	Q9Z2D6
Ppp3cb	NNKAAVLKYENNVMM	323	0.77	0.49	E0CZ78
Acaa2	RNVRFGTKFGLDLKL	137	0.77	0.40	Q8BWT1
Aspa	CVAKEPIKKIAIFGG	11	0.77	0.32	Q8R3P0
Prps1l3	VDFALIHKKERKKANE	194	0.77	0.46	G3UXL2
Tkt	QPTAIIAKTFKGRGI	241	0.77	1.35	P40142
Atp5po	SELKTVLKSFLSPNQ	162	0.77	0.31	Q9DB20
Pfklp	KIKELVVKNLGFDR	293	0.77	0.66	Q8C605
Scrn3	SRYCQGYKLLDKHRG	243	0.76	2.66	Q3TMH2
Echs1	KQAGLVSKIFPVEKL	211	0.76	0.69	Q8BH95
Nefl	DIRAQYELAAKNMQ	268	0.76	0.72	P08551
Got1	RVLSQMEKIVRITWS	290	0.76	0.94	P05201
Atad3	YFDKYVLKPATEGKQ	494	0.76	0.57	Q925I1
Aco2	NKIHPVDKLTIQGLK	723	0.76	0.61	Q99KI0
Pcx	PGKVIDIKVAAGDKV	1124	0.76	0.68	G5E8R3
H4c1	_MSGRGKGGKGLGK	6	0.76	0.93	P62806
Rida	EEAKQALKNLGEILK	60	0.76	1.11	P52760
Khdrbs3	PKFNFVKGKLLGPRGN	22	0.75	0.52	A0A2R8
Atp6v1h	NAVRLNEKKNYELKI	368	0.75	1.86	A0A0A6
Npepps	LRGLVLGKLGKAGHK	713	0.75	2.10	Q11011
Gls	QEIPVHKFITALKS	163	0.75	0.49	D3Z7P3
Septin11	SLDLVTMKKLDSKVN	171	0.75	1.00	A0A0J9
Aldh2	SGQQEGAKLLCGGGA	385	0.75	0.93	P47738
Sptbn1	KLLQLTEKRKEMIDK	1998	0.75	1.23	Q62261
Stxbp1	HYQGTVDKLCRVEQD	364	0.75	2.26	O08599
Ywhaz	NELVQKAKLAEQAER	11	0.75	0.42	P63101
Rps25	CKEVPNYKLITPAVV	34	0.75	0.65	A0A1L1

Tars1	DPGCTLNKKIRNAQL	659	0.75	0.70	Q9D0R2
Tuba1b	KFDLMYAKRAFWHWY	401	0.75	0.50	P05213
Uqcrc2	SRIGLFVKAGSRYED	66	0.74	0.84	Q9DB77
Acad12	DDQLKVAKMELKNQS	538	0.74	0.70	D3Z7X0
Cul2	KAPELLAKYCDNLLK	393	0.74	0.28	Q9D4H8
Plpbp	KVNSSWQKKGPTEPL	124	0.74	2.42	A0A1B0
Hspd1	KIGIEIKRALKIPA	469	0.74	1.99	P63038
Ahcyl2	MDGFRLVKLNEVIRQ	441	0.74	0.95	F8WGT1
Idh2	RGLEHRGKLDGNQDL	384	0.74	1.71	P54071
Hadha	LQEGVDPKKLDALTT	569	0.74	0.79	Q8BMS1
Mdh2	STPLLLGKKGLEKNL	296	0.74	0.40	P08249
Prkar2a	TYDILVTKDNQTRSV	188	0.74	0.68	A0A0A6
Hsp90aa1	EQFSKNIKLIHEDS	447	0.74	0.74	P07901
Prdx5	VFEGEPGKKVLAEL	70	0.73	1.58	P99029
Pdpr	QDRLISLKRINSRLN	140	0.73	0.27	Q7TSQ8
Rhob	DYLECSAKTKEGVRE	162	0.73	0.56	P62746
Tkt	YHKPDQQKLQALKDT	11	0.73	0.47	P40142
Brd2	XQSSKKGKLSEQLKH	8	0.73	0.92	S4R1Z1
Cpne1	TVSAQELKDSRVVTM	134	0.73	0.48	B7ZCP7
Ube2n	IYHPNVDKLGRICLD	82	0.73	2.32	P61089
Auh	YGKNALSKNLLKMLS	80	0.73	0.37	A0A0R4
Atp1a3	ARTSPQQKLIIVEGC	688	0.73	1.33	Q6PIC6
Hadh	MKLVEVIKTPMTSQK	185	0.73	1.89	Q61425
Tollip	SITVVQAKLAKNYGM	63	0.72	1.10	Q8C5G6
Rad23b	AFPVAGQKLIYAGKI	45	0.72	0.62	P54728
Map2	NVKIDSQKLNFREHA	1762	0.72	1.24	P20357
Mroh2b	PHKVRKYQMMLECI	1338	0.72	0.57	Q7M6Y6
Eno2	GKYDLDFKSPADPSR	262	0.71	0.77	P17183
Purb	VPFKAWGKFGGAFCR	279	0.71	0.54	O35295
Fn3k	DLHLYNQKLREKSKT	116	0.71	0.55	Q6P264
Pdhx	TRFLETFKANLENPM	491	0.71	0.35	Q8BKZ9
Sod2	FGSFEKFKEKLTAVS	132	0.71	0.64	A0A3B2
Sod2	RDFGSFEKFKEKLTA	130	0.71	0.64	A0A3B2
Ank2	TPLHIACKKNRIKVM	407	0.71	0.74	S4R2F3
Atp1a1	KRQPRNPKTDKLVNE	840	0.70	1.20	Q8VDN2
H4c1	KGGKGLGKGGAKRHR	13	0.70	1.08	P62806
H4c1	GLGKGGAKRHRKVLR	17	0.70	1.08	P62806
Gstm1	KTIPEKMKLYSEFLG	136	0.70	0.69	P10649
Trim2	SIFSNDGKFKTKIGS	565	0.70	0.92	Q9ESN6
Atp5c1	DQFLVSFKDVGRKPP	130	0.70	0.41	Q8C2Q8
Immt	ARFYAVQKLARRVAM	639	0.70	2.02	Q8CAQ8
Maob	ELGLETYKVNEVERL	81	0.70	0.80	Q8BW75
Fdps	EYNALGGKYNRGLTV	57	0.70	0.57	Q920E5
Dld	QRQGFKFKLNTKVTG	273	0.70	0.71	O08749
Dld	FKFKLNTKVTGATKK	277	0.70	0.71	O08749

Nucks1	RDSGPPAKKIRSSPR	35	0.70	0.39	A0A087
Dld	KSAQLGFKTVICIEKN	66	0.69	0.70	O08749
Rab11a	QVDGKTIKAQIWDTA	61	0.69	0.36	P62492
Tkt	AYGLALAKLGHASDR	327	0.69	0.93	P40142
Ndufs5	MPFLDIQKKLGISLD	8	0.69	1.40	B1ARW4
Uqcrc2	GIEAVGGKLSVTATR	109	0.69	0.27	Q9DB77
Ina	AEEWYKSKFANLNEQ	290	0.69	1.08	P46660
Septin7	KVKEKVQKLDSEAE	371	0.69	0.83	E9Q1G8
Acss1	SVATKIAKYAVPDQI	615	0.69	0.35	Q99NB1
Epb41l1	QASINELKRTLKEPN	502	0.69	1.29	A2AUK7
Coq9	VQLGQAEKRKTDQFL	170	0.69	1.34	F6SFF5
Hadha	FGELALTKEKALMG	334	0.69	0.81	Q8BMS1
Ppp1ca	DGYEFFAKRQLVTLF	260	0.68	0.31	P62137
Sptb	PDLIDFDKLDKSNAR	224	0.68	0.63	P15508
Abcb8	TTDVQEFKSSFKLVI	245	0.68	0.44	Q9CXJ4
Nup205	LARRRLVKLINNRAK	1882	0.68	1.05	B9EJ54
Aldh2	VGRANDSKYGLAAAV	443	0.68	0.50	P47738
Impa1	ANSITLAKRIAKEIE	260	0.68	0.30	Q924B0
Sdhb	FTEERLAKLQDPFSV	235	0.68	0.55	Q9CQA3
Bclaf1	EGDQETAKTGKFLKR	43	0.68	0.13	A0A087
Pygb	AKAPNDFKLDNFVG	254	0.67	1.11	Q8CI94
Gad1	YKYFPEVKTKGMAAV	271	0.67	0.65	P48318
Hist2h2bb	KAVTKVQKKDGKKRK	24	0.67	1.68	Q64525
Rpl34	RIVLYLYTKKVGKAPK	36	0.67	0.41	A0A0G2
Slc6a11	TLPEKLQKLTGPSAD	581	0.67	0.74	P31650
Hsp90aa1	IDQEELNKTPIWTR	293	0.67	0.27	P07901
Ap2m1	GVQVICMKGKAKYKA	337	0.67	0.27	Q3TWV4
Cdc42	ARDLKAVKYVECSAL	153	0.66	1.18	P60766
Atp5pf	VQKLFVDKIREYKSK	46	0.66	1.11	P97450
Septin3	VIEEGGVKMKLTVID	105	0.66	1.22	A0A2R8
Aldh5a1	DIITYSAKDKRGLVL	172	0.66	0.71	Q8BWF0
Gps1	QTQAILTKLKCAAGL	228	0.66	0.88	Q99LD4
Prdx5	VNLAELFKGKKGVLF	79	0.66	0.42	P99029
Idh3a	AIQGPGGKWMIPPEA	77	0.66	0.85	Q9D6R2
Clip2	AATTVSEKPGPKAAE	64	0.66	0.33	Q9Z0H8
Rpl36	RRAMELLKVSKDKRA	62	0.66	0.50	Q6ZWZ4
Aass	SNGLLTDKYKYIQL	458	0.66	0.52	Q99K67
Slc12a2	DNELELYKTKTYRQI	1136	0.66	1.05	P55012
Cand1	DLFTCTIKRLKAADI	574	0.65	0.98	Q6ZQ38
Gpt2	FVLGNLAKKAKLTED	414	0.65	1.09	Q8BGT5
Sdha	SQLYGDLKHLKTFDR	547	0.65	0.51	Q8K2B3
Lasp1	CKMTLNMKNYGYEK	42	0.65	0.40	Q61792
Pdhb	KDIIFAVKKTLLNI__	354	0.65	2.57	Q9D051
Sun5	EASDEQKMAQKIMK	153	0.65	0.18	A0A0R4
Ryr2	AFAFDGFKAQRWHQG	1141	0.65	0.97	E9Q401

Dst	DRALIEQKLNEVKMK	1315	0.65	0.82	A0A087
Pacs2	KDKEVESKSQCIEGI	801	0.65	0.92	Q3V3Q7
Psat1	ELNMISLKGHRVGG	333	0.65	0.82	Q99K85
Atp1b1	LPVQCTGKRDEDKDK	217	0.64	1.08	P14094
Atp5pf	PKFEVIDKPQS____	105	0.64	0.57	P97450
Abr	DNNEIVDKIMGKGQI	543	0.64	0.33	E9PUE7
Mccc2	VAAVACAKVPKITVI	433	0.64	1.08	Q3ULD5
Lmna	LEKTYSAKLDNARQS	270	0.63	1.38	P48678
Prkcg	RSGENFDKFFTRAAP	645	0.63	0.73	P63318
Sun5	DEQKMAQKIMKMIQG	157	0.63	0.13	A0A0R4
Tuba1b	NAAIATIKTKRTIQF	336	0.63	0.93	P05213
Cct3	GAGLLEIKKIGDEYF	315	0.63	0.29	E9Q133
Akr1a1	ALEVLVAKGLVKALG	153	0.63	0.89	Q9JII6
Eef1a1	KEVSTYIKKIGYNPD	179	0.63	1.19	P10126
Atp2b2	GTAPDLEKRKQIFGQ	77	0.63	0.71	Q3UHH0
Sptan1	ASPEIKEKLDILDQE	1399	0.62	0.45	A3KGU5
Mecp2	TTTTVAEKYKHRGEG	447	0.62	0.30	Q9Z2D6
Pcbd2	GLTKRDVKLAQFIEK	91	0.62	1.37	A0A0R4
Pacsin1	QERAKIEKAYAQQLT	51	0.62	0.30	Q61644
Eef1g	GLLDTHLKTRTFLVG	147	0.62	0.41	Q9D8N0
Ank2	NRLPLFVKVRDTTQE	1416	0.62	1.00	S4R2F3
Sptan1	HFAAEDVKAKLSELN	862	0.62	0.53	A3KGU5
Trap1	VLQQRLIKFFIDQSK	426	0.62	0.91	Q9CQN1
Idh3a	MGLKGPLKTPIAAGH	100	0.62	0.46	Q9D6R2
Atp5pb	AQQALVQKRHYLFDV	162	0.62	1.48	Q9CQQ7
Brpf1	RTSVLFSSKNPKTAG	894	0.62	0.33	B2RRD7
Stxbp1	KIMHDDVIKKVKKKGE	20	0.62	0.38	O08599
Ran	HTNRGPIKFNVWDTA	60	0.62	0.41	P62827
Akr1a1	PMITVDGKRVPRDAG	308	0.61	0.69	Q9JII6
Mccc2	TYYPVTVKKHVRAQE	151	0.61	0.75	Q3ULD5
Ywhae	NLLSVAYKNVIGARR	50	0.61	0.21	P62259
Pygm	RNIATSGKFSSDRTI	723	0.61	1.20	E9PUM3
Pik3r4	LQQLIQKREQCNAE	951	0.61	0.43	Q8VD65
Acadl	VSREVWEKAGKQGLL	92	0.61	2.07	A0A0R4
Aldh4a1	PERDALQKALKDLKG	51	0.61	0.16	Q8CHT0
Adam23	TKAAGSDKFCYEKLN	621	0.60	0.61	Q9R1V7
Aco2	FAPGKPLKCVIKHPN	739	0.60	0.71	Q99KI0
Stx1b	EYNATQSKYRDRCKD	139	0.60	0.75	P61264
Gna11	RDARRELKLLLLGTG	41	0.60	1.13	P21278
Tcp1	VNSVNILKAHGRSQI	199	0.60	1.14	P11983
Pgm3	KVPVYCTKTGVKHLH	350	0.59	1.40	Q8BWW3
Epb41l3	EYGCDVDKRSRGQVL	136	0.59	0.47	Q9WV92
Gsr	AAVVESHKLGGTCVN	75	0.59	1.23	P47791
Mapt	GSVQIVYKPVDSLKV	603	0.59	0.33	P10637
Cs	KLPCVAAKIYRNLYR	215	0.59	0.96	Q9CZU6

Aldh9a1	KFINEVVKQTQKIKL	310	0.59	0.70	Q9JLJ2
Dhx15	PRYYDILKKRLQLPV	132	0.59	1.23	A0A0G2
Gars1	FRADHLLKAHLQKLM	209	0.59	1.02	Q9CZD3
Vdac1	VNGSLETKYRWTEYG	74	0.59	0.60	Q60932
Fasn	QKELQLCKGLARALQ	1143	0.59	1.31	A0A0U1
Pdhb	DFLIPIGKAKIERQG	227	0.59	1.58	Q9D051
Camk2a	ENLLLASKLKGAAVK	146	0.59	0.34	P11798
Ranbp1	LNAENAKQFKTKFEE	150	0.59	1.68	P34022
Atp5pb	SISVQQEKETIAKCI	233	0.58	2.15	Q9CQQ7
Atp5pb	WVEKHVVKSISVQQE	225	0.58	2.15	Q9CQQ7
Sptb	DKALQFLKEQRVHLE	124	0.58	0.87	P15508
Lxn	MLKIQTVKQVQRNDD	167	0.58	0.83	P70202
Prdx6	FGPDKKLKLSILYPA	144	0.58	0.45	Q6GT24
Ckb	EKFSEVLKRLRLQKR	313	0.58	1.38	Q04447
Pygb	RNIACSGKFSSDRTI	811	0.58	1.28	Q8CI94
Klh9	DERAQEWKSLAPMDA	328	0.58	0.93	Q6ZPT1
Impa1	LVTVTDQKVEKMLMS	49	0.58	0.97	Q924B0
Dlst	FLKKHNLKLGFM SAF	278	0.58	0.30	Q9D2G2
Nipsnap2	SRIMIPLKTSPLQ__	276	0.58	0.69	O55126
Rac1	SFENVRAKWYPEVRH	96	0.58	1.05	P63001
Prdx6	KLAPEFAKRNVLIA	63	0.58	1.41	Q6GT24
Hspa4	RLSQECEKLKLSA	272	0.58	0.30	Q61316
Purb	KRFYLDVKQNAKGRF	77	0.58	0.77	O35295
Decr1	IIQPGPIKTKGAFSR	244	0.57	1.52	Q9CQ62
H1-2	TGASGSFKLNKKAAS	106	0.57	0.93	P15864
Idh2	FREPIICKNIPRLVP	155	0.57	0.95	P54071
Atp5mg	AAAVTYSKPRLATFW	24	0.57	0.43	Q9CPQ8
Wdr11	EECADVLKRWVDHLC	1109	0.57	1.65	G5E8J3
Hspa8	NHFIAEFKRKHKKDI	246	0.57	0.63	P63017
Ptges3	NVNFEKSKLTFCLG	35	0.57	0.33	D3Z7C6
Lmna	DLRGQVAKLEAALGE	171	0.57	0.22	P48678
Auh	KMGLVETKLAIPGG	186	0.57	0.33	A0A0R4
Pdha1	RGANQWIKFKSVS__	385	0.57	0.87	P35486
Aldoa	RFPQVIKSKGGVVG	99	0.57	0.84	P05064
Eef1a1	KKLEDGPKFLKSGDA	392	0.57	1.68	P10126
Rps20	____MAFKDTGKTPV	4	0.57	0.38	P60867
Gm44503	RKKIEDMKENERKKA	148	0.56	1.54	E9PYU5
Gm44503	DMKENERKKATSELE	153	0.56	1.54	E9PYU5
Dld	GIEFKIGKFPFAANS	420	0.56	1.62	O08749
Cyb5r3	TLENPDIKYPLRLID	42	0.56	0.29	Q9DCN2
Lonp1	GKIIQCLKKTENP	567	0.56	1.14	Q8CGK3
Sptan1	ASVNNLLKKHQLLEA	1683	0.55	0.42	A3KGU5
Gpi	ALSTNTAKVKEFGID	252	0.55	0.88	P06745
Atp5f1a	ISEQSDAKLKEIVTN	539	0.55	0.28	Q03265
Atp1a2	EVAMDDHKLSLDELG	43	0.55	0.34	Q6PIE5

Cyb5r1	TLQDPDEKYLLRLLD	46	0.55	0.14	Q9DB73
Psat1	KGDEALEKRFLDKAV	318	0.55	0.36	Q99K85
Cpt2	KRYLSAQKPLLNSQ	69	0.55	0.39	P52825
Pkm	GTAEVELKKGATLKI	135	0.55	1.21	P52480
Atp5pf	TFKFDDPKFEVIDKP	99	0.55	0.46	P97450
Atp1a1	QENLPILKRAVAGDA	444	0.55	0.39	Q8VDN2
Baz1b	DDLVLQTKRISRRQS	1331	0.54	0.71	Q9Z277
Vps29	RCNSLPAKFKKLLVP	21	0.54	0.32	D3Z645
Ank2	PMHSELVKKILGNKA	1207	0.54	0.82	S4R2F3
Ahcyl1	MDGFRVVKLNEVIRQ	359	0.54	0.73	Q80SW1
Idh3g	RIAIFYAFKLAQESGR	206	0.54	0.40	P70404
Atp1a2	QENISVSKRDAGDA	442	0.54	1.21	Q6PIE5
Ppp2r5c	DFQPNIKKYIDQKF	224	0.54	0.38	Q60996
Fasn	TTVGSAEKRAYLQAR	1695	0.54	1.12	A0A0U1
Psip1	RGRPKVVKQPCPSDG	200	0.54	0.35	Q99JF8
Idh2	STKNTILKAYDGRFK	256	0.54	1.95	P54071
Capzb	LVEDMENKIRSTLNE	223	0.54	1.11	P47757
Gda	LAKEWCFKPCEIREL	61	0.54	0.42	Q9R111
Cbr1	RGQTAVQKLQAEGLS	49	0.54	0.65	P48758
Cnp	VGELPRGKLYSLGKG	370	0.54	0.23	P16330
Gsta4	ISNIPTIKKFLQPGS	195	0.54	1.47	P24472
Hk1	PELLTRGKFTTSDVA	332	0.53	0.57	G3UVV4
Aldh6a1	DAAVESCKRAFPWA	87	0.53	0.75	Q9EQ20
Arl6ip1	PRIFGSNKWTTQQQ	96	0.53	0.30	Q9JKW0
Hmgcs1	SSELFNQKTKASLLV	330	0.53	0.99	Q8JZK9
Ppif	GRVVLELKADVVPKT	66	0.53	0.46	Q99KR7
Zadh2	AIPRTMQKLVTTRL	35	0.53	0.42	Q8BGC4
Aspa	_MTSCVAKEPIKIA	7	0.53	0.75	Q8R3P0
Ap2m1	YLKVFEPKLNYSDD	408	0.53	0.46	Q3TWW4
Ppia	SFELFADKVPKTAEN	28	0.53	0.23	P17742
Dock7	GELHEQFKRKILT	1920	0.53	0.18	A0A0U1
Hspa9	GPKHLNMKLTRAQFE	345	0.53	0.88	P38647
Cita	RSVLISLKQAPLVH_	210	0.53	0.56	B1AWE0
Atp5f1d	EANEALVKALE_____	165	0.53	1.09	Q9D3D9
Xpo1	KQLGSILKTNVRACK	155	0.53	0.97	F6YA11
Hk1	TNSRATVKMLPSYVR	509	0.53	0.74	G3UVV4
Stxbp1	LKAVVGEKIMHDVIK	13	0.53	0.30	O08599
Rps19	RALAAFLKKSGLKV	23	0.52	0.61	S4R223
Pi4ka	CFRGQTIKLLKHRFS	2058	0.52	0.84	E9Q3L2
Fbl	RDLINLAKKRTNIIP	211	0.52	0.27	P35550
S100a13	RLIGELAKEVRKEKA	85	0.52	1.34	P97352
Ensa	KRLQKGQKYFDSGDY	63	0.52	0.30	P60840
Pfkm	KRFDEAIKLRGRSFM	372	0.52	0.67	P47857
Amph	KLYEVMTKLGDQHAD	233	0.52	0.40	Q7TQF7
Trappc6b	ENGRCVTKLESMGFR	35	0.52	0.60	A0A1W2

Atp2b4	GNPADLEKRRLVFGK	75	0.52	0.39	F7AAP4
Rpsa	TGQRAVLKFAAATGA	89	0.52	0.46	P14206
Glud1	AYVNAIEKVFVKVYNE	545	0.52	0.20	P26443
Lactb	VERASGYKYLDYMQK	346	0.52	0.46	Q9EP89
Vcl	NDIIAAAKRMALLMA	924	0.52	0.92	Q64727
Qdpr	AKSKSLFKNCDMMWK	99	0.52	0.28	A0A0G2
Akr7a2	SQLETSLKRLQCPRV	136	0.51	0.89	Q8CG76
Ndufs2	AHLAGLDKMSKGHML	411	0.51	0.30	D3YXT0
Dlat	AKKLAAEKIDLTQV	363	0.51	1.33	Q8BMF4
Eif4a2	IYAYGF EKPSAIQQR	54	0.51	0.64	Q8BTU6
Actr1a	FAGDQIPKYCFPNYV	32	0.51	0.17	P61164
Pgam5	RLASLGLKFNKIVHS	104	0.50	1.41	A0A0G2
Gfm2	VINPPVAKIRNIGIM	69	0.50	0.71	E0CXH2
Afg3l2	DRLEVVNKRFRVTF	192	0.50	0.80	Q8JZQ2
Prkcb	FRYIDWEKLERKEIQ	607	0.50	0.32	P68404
Prkacb	LLQVDLTKRFGNLKN	280	0.50	0.68	P68181
Tpi1	QAQEVHEKLRGWLKS	238	0.50	0.81	P17751
Ppm1g	DTGNSDKKKAKRD__	430	0.50	0.61	A0A0J9
Mdh1	MERKDLLKANVKIFK	103	0.50	0.99	P14152
Xpnpep1	IIPTDYWKKMAKVLR	130	0.50	0.13	A0A494
Idh3g	VHKANIMKLGDLFL	226	0.49	0.34	P70404
Iba57	GDLQDYHKYRYQQGI	222	0.49	0.49	Q8CAK1
Ywhaq	EKTELIQKAKLAEQA	9	0.49	0.53	P68254
Aco2	ETDFTLGKDGKKFKL	517	0.49	0.47	Q99KI0
Pitrm1	DPDHASLKILARLMT	883	0.49	0.41	Q8K411
Atp1a3	AVPDAVGKCRSAGIK	595	0.49	0.88	Q6PIC6
Vwa8	AGKEVTIKVPAGTRA	403	0.49	0.92	Q8CC88
Aldh1l1	ATYEGIQKKETAMIN	205	0.49	1.02	Q8R0Y6
Prodh	EEEEQQMKRMLQRMD	254	0.49	0.61	A0A0R4
Gatd3a	LGAKHCVKGVTEAHV	221	0.49	0.47	Q9D172
Dld	EQKHSVAKALTGGIA	132	0.49	0.10	O08749
Aldh5a1	QNKDDLAKIITAESG	128	0.48	0.25	Q8BWF0
Ak3	TVSSRITKHFEKHL	29	0.48	0.13	Q9WTP7
Atp2b1	SRIEQEQKFTVIRNG	193	0.48	0.50	G5E829
Uqcrh	RDHCVAHKLKFNK_	83	0.48	0.60	P99028
Sptan1	AQFVEHWKELKQLAA	1838	0.48	0.20	A3KGU5
Tubb2a	YNEAAGNKYVPRAIL	58	0.48	0.33	Q7TMM9
Eno1	SEFYRSGKYDLDFKS	256	0.48	0.74	P17182
Lin7c	RAIELLEKLQRSGEV	23	0.48	0.30	O88952
Pfkip	FDRNFGTKISAKAME	687	0.48	0.09	Q8C605
Atp5pb	AKCIEDLKLLAKKAQ	244	0.48	1.06	Q9CQQ7
Aldh2	EVKTVTVKVPQKNS_	513	0.47	1.90	P47738
Gstm1	KQKPEFLKTIPEKMK	129	0.47	0.71	P10649
Sptbn1	TSVNILLKKQQMLER	1420	0.47	0.67	Q62261
Oxct1	NAHKIMEKCTLPLTG	455	0.47	0.40	Q9D0K2

Aldh2	QVDETQFKKILGYIK	370	0.47	0.63	P47738
Txnrd2	EPSPRGTKWGLGGTC	79	0.47	0.25	J3QMN4
Ppp1r14a	LGKRVLSKLQSPSRA	13	0.47	0.77	Q91VC7
Atp5pd	GLVDDFEKKYNALKI	72	0.46	1.12	Q9DCX2
Tceal5	_____MEKFYKENEG	3	0.46	0.41	Q8CCT4
Abhd10	ELPNLAYKRLKGKTP	60	0.46	1.01	Q6PE15
Eno1	IAPALVSKKVNVEQ	80	0.46	1.91	P17182
Arpc2	KVFMQEFKEGRRASH	186	0.46	0.22	Q9CVB6
Gatb	RNPKAINKLIGLVRK	529	0.46	0.47	Q99JT1
Abcb7	SFEVPAGKKVAIVGG	499	0.46	0.84	Q61102
Atp5f1b	LDSGAPIKIPVGPET	133	0.46	0.12	P56480
Ppia	RALSTGEKGFGYKGS	44	0.46	1.56	P17742
Hk1	GQISEPLKTRGIFET	776	0.46	0.90	G3UVV4
Capzb	LNEIYFGTKDIVNG	235	0.46	0.91	P47757
Ywhag	NLLSVAYKNVVGARR	49	0.46	0.24	P61982
Cpne1	FFRQGDGKWQLAYRT	170	0.45	0.56	B7ZCP7
Ppp3ca	KPRVDILKAHLMKEG	47	0.45	0.54	P63328
Gm8797	SDTIENVKAKIQDKE	27	0.45	0.39	A0A0A6
Suc1g1	LPVFNTVKEAKEKTG	105	0.45	0.34	Q9WUM5
Ppif	RALCTGEKGFGYKGS	85	0.45	2.43	Q99KR7
Dlat	VFVSPLAKKLAAEKG	357	0.45	0.44	Q8BMF4
Anxa5	ELTGKFEKLIVAMMK	77	0.45	0.22	P48036
Atp1a3	QDNIPVLKRDVAGDA	434	0.45	0.82	Q6PIC6
Dpysl2	NCPLYVTKVMSKSAA	254	0.45	0.15	O08553
Sdha	TLSYVDIKTGKVTLE	633	0.45	0.36	Q8K2B3
Hadha	KGLKTLLKDTTGTGL	390	0.45	0.64	Q8BMS1
Sat2	RELAEFEKLSHQVKI	29	0.45	0.39	Q6P8J2
Atp6v1a	KWEIFPSKNLRVGS	139	0.45	0.28	P50516
Dhrs4	KLITTALKRHHQIDI	106	0.45	0.98	Q99LB2
Tst	VLENLQSKRFQLVDS	175	0.45	0.21	P52196
Fahd2a	IADPHNLKICCRVNG	233	0.44	1.12	A0A0R4
Add1	IAYDKGEKLLRCKLA	143	0.44	0.73	F8WHZ9
Pcca	DDRLLIEKFIDNPRH	258	0.44	0.29	Q91ZA3
Slc12a5	LNEVIVNKSRAKLV	1080	0.44	0.74	A0A076
Usp5	FSRDQALKALRATNN	720	0.44	0.29	Q3U4W8
Mrps26	LKEQEVKLQEEAKN	159	0.44	0.17	Q80ZS3
Ank3	PVPEETVKKILGNKA	1198	0.44	0.56	S4R2K9
Prdx5	LAELFKGKKGVLFV	81	0.44	0.08	P99029
Sarnp	VPVSLESKKAARAAR	119	0.44	0.87	Q9D1J3
Hspa9	GIVTDLIKRTIAPCQ	360	0.44	0.15	P38647
Rrbp1	DLGRAAIKLQELLKT	1423	0.44	0.57	A2AVJ7
Usb1	VRCKSGNKFFSMPLK	260	0.44	0.22	A0A0R4
Ivd	IDQTNDFKNLREFWK	76	0.44	0.37	Q9JHI5
Madd	LRVFLSKLNRAVQS	961	0.44	1.06	A6PWP8
Gstk1	RKGQYIFKEIPLLKQ	68	0.44	0.27	Q9DCM2

Fasn	LTQGEVYKELRLRGY	993	0.44	0.85	A0A0U1
Ndrp1	DVDLAEVKPLVEKGE	14	0.44	0.18	Q62433
Opa1	DRNELFEKAKNEILD	596	0.43	0.31	P58281
Npat	AQLPIPQKSQKAQGL	984	0.43	0.28	Q8BMA5
Sdf4	GMLKFMVKEIFRDLD	238	0.43	0.31	Q61112
Vps45	QLSSEAAKRLGECVK	185	0.43	0.76	P97390
Acadl	IFRESVRKFFQEEVI	66	0.43	0.21	A0A0R4
Sptbn1	AENYHDIKRITARKD	497	0.43	0.60	Q62261
Vdac3	IFVPNTGKKSGKLKA	109	0.43	0.24	Q60931
Atp6v0a1	NTNQEALKRNFEILT	119	0.43	0.63	Q9Z1G4
Sh3gl2	TKLDDDFKEMERKVD	34	0.43	0.49	Q62420
Aldh1l1	KVVEEVGKMKIGNPL	733	0.43	2.29	Q8R0Y6
Pik3cb	KQVEALNKLKTLNSL	712	0.43	0.79	Q8BTI9
Sarnp	AETVELHKLKLAELK	10	0.43	0.70	Q9D1J3
Atp5f1e	RFSQICAKAVRDALK	21	0.43	0.98	P56382
Ywhag	AEVATGEKRATVVES	142	0.43	1.14	P61982
Rpl7a	QTATQLLKLAKHYRP	97	0.42	0.38	P12970
Got2	TQLVSNLKEGSSHN	363	0.42	0.79	P05202
Nt5m	TSPIKMFKYCPYEKY	129	0.42	0.39	Q8VCE6
Pcx	RLTSDSVKLAKQVGY	297	0.42	0.82	G5E8R3
Pdp1	KANEYSFKVPEFDGK	97	0.42	0.28	Q3UV70
Atp5mf	SLVPLKEKKLMEVKL	10	0.42	0.20	P56135
Ppp1ca	YGFYDECKRRYNIKL	141	0.42	0.69	P62137
Gapdh	DLTCRLEKPAKYDDI	249	0.42	1.07	P16858
Septin6	AGGSQTLKRDKEKKN	420	0.42	0.45	Q9R1T4
Gls	HKFITALKSTGLRTS	169	0.42	1.10	D3Z7P3
Stx1b	EDLTADIKKTANKVR	82	0.42	0.34	P61264
Jade2	TSASRCSKLPSSTKS	32	0.42	0.50	A2AA59
Jade2	SKLPSSTKSGWPRQN	38	0.42	0.50	A2AA59
Mapt	PVPMPDLKNVRSKIG	546	0.42	0.28	P10637
Aldh4a1	DRAQVFLKAADMLSG	129	0.42	0.19	Q8CHT0
Tkt	MPTPPSYKVGDKIAT	310	0.42	0.28	P40142
Sun5	QLIAKLQKMEAISDE	144	0.42	0.08	A0A0R4
Tubb4b	YNEATGGKYVPRAVL	58	0.42	0.25	P68372
Paccin1	DVQKTQEKYEKVLLED	205	0.42	0.43	Q61644
Arap1	VAPIGDQKFEVITNN	389	0.42	0.38	Q4LDD4
Dld	QRQGFKFKLNTKVTG	273	0.41	0.07	O08749
Bcl11b	GPALHAAKRIKVEKD	482	0.41	0.21	A0A0R4
Cct6a	RSVTLLVGKPNKHTL	377	0.41	0.80	P80317
Scai	DFCYLLDKSKQLFNG	68	0.41	0.22	Q8C8N2
Gldc	LILSEGLKRAGHQLQ	428	0.41	0.38	Q91W43
Sptan1	CNSLEEIKALREAH	2112	0.41	0.13	A3KGU5
Gapdh	CRLEKPAKYDDIKKV	252	0.41	0.65	P16858
Lmn2	LLLRISKEEVTTRE	59	0.41	0.94	P21619
Pitrm1	HKLTLSPKPDCKYYE	505	0.41	0.33	Q8K411

Dhrs4	CLAPGLIKTRFSSVL	217	0.41	0.81	Q99LB2
Meaf6	DRYLTNQKNSNSKND	25	0.41	0.13	V9GXH6
Hspd1	KLNERLAKLSDGVAV	396	0.41	0.80	P63038
Aldoa	ESTGSIAKRLQSIGT	42	0.40	0.91	P05064
Dync1h1	LVSAGNVKRERIQKI	2102	0.40	0.41	Q9JHU4
Als2	TEVWTWVGKGKEGQLG	527	0.40	0.55	Q920R0
Smad4	APGDAVHKIYPSAYI	427	0.40	0.50	P97471
Ctnnd2	RDAGGIEKLVGISKS	985	0.40	0.58	B7ZNF6
Vcp	DLSTAILKQKNRPNR	18	0.40	0.71	Q01853
Hk1	VEGADVVKLLNKAIK	186	0.40	0.75	G3UVV4
Nfs1	VTTQTEHKCVLDSCR	159	0.40	0.34	Q9Z1J3
Hadh	KGIEESLKRMAKKKF	75	0.40	0.85	Q61425
Atp6v1e1	KQDFPLVKA AVQKAI	145	0.40	0.63	P50518
Mrpl1	KAIHLLKKFQVLDFT	113	0.40	0.39	Q9D3F3
Sptan1	FVPAAYVKKLDPAQS	1022	0.40	0.41	A3KGU5
Mapt	QVEVKSEKLDKDRV	635	0.39	0.08	P10637
Slc25a5	GLGDCLVKIYKSDGI	163	0.39	0.39	P51881
Safb	EVTSECNKKMPKRPS	83	0.39	0.18	D3YXK2
Tpm3-rs7	TIDDLKDKCTKEE	223	0.39	0.71	D3Z2H9
Tuba1b	RLSVDYGGKSKLEFS	163	0.39	0.92	P05213
Fh	TRIGFAEKVAAKVAA	289	0.39	1.63	P97807
Ap2b1	QKRPEILKQEI VFF	318	0.39	0.33	Q9DBG3
Ak3	ITKHFEKHLSSGDL	34	0.39	0.12	Q9WTP7
Aldoa	YLEGTLLKPNMVTGP	230	0.39	0.10	P05064
Mapk8	MLVIDASKRISVDEA	232	0.38	0.83	D3Z1Z4
Eci1	ATADNLIKQREADIQ	255	0.38	0.63	P42125
Septin7	TDDEEENKLVKKIKD	235	0.38	0.34	E9Q1G8
Rpl11	GQTPVFSKARYTVRS	55	0.38	0.31	A2BH06
Slc25a5	IFLGGVDKRTQFWRY	105	0.38	0.79	P51881
Aldoc	KDGADFAKWRCVLKI	147	0.38	0.78	P05063
Atp6v1c1	TQIDNDLKSASAYN	137	0.38	1.45	Q9Z1G3
Cap1	ALLELEGKKWRVENQ	326	0.38	0.66	P40124
Acly	EILIPVFKNMADAMK	554	0.38	0.27	Q3V117
Lmnbl	KLQIELGKFKAEHDQ	110	0.38	0.28	P14733
Atp6v1b2	GTSGIDAKKTSCEFT	108	0.37	0.43	P62814
Mdh2	LGKKGLEKNLGIGKI	301	0.37	0.20	P08249
Mdh2	EKNLGIGKITPFEEK	307	0.37	0.20	P08249
Sptbn1	MRQSKVDKLYAGLKD	1678	0.37	0.29	Q62261
Hsp90aa1	NNLGITAKSGTKAFM	112	0.37	0.35	P07901
Aldh1l1	DDRMLLVKNIQLEDG	290	0.37	0.19	Q8R0Y6
Nckap1	SSVDSVLKRMTIIGV	905	0.37	0.47	P28660
Mpi	VKNTFNGKLPFLFKV	93	0.37	0.20	Q924M7
Letmd1	QLDRALAKLGIGQLT	292	0.37	0.28	Q924L1
Slc25a12	KNSFDCFKKVLRYEG	377	0.37	0.55	Q8BH59
Slc25a13	KNSFDCFKKVLRYEG	380	0.37	0.55	Q9QXX4

Ifit3b	NQTDVLQKAAQFYKK	246	0.37	0.18	E9PV48
Pcp4l1	AALAIQGGKRRFQKR	55	0.37	0.47	Q6W8Q3
Acadsb	SSMDENSKMEKSVIQ	88	0.37	0.23	E9Q5L3
H1-0	KKSTDHPKYSMDMIVA	27	0.37	0.19	P10922
Zfp638	RRAVDPKKSCLDSFS	1802	0.37	0.16	A0A0N4
Rab14	DAFLEAAKKIYQNIQ	170	0.37	0.77	Q91V41
Eri3	FKQWINLKKVPLSSS	84	0.37	0.26	A0A0R4
Napb	VDAGNAYKKADPQEA	93	0.37	0.47	P28663
Vcp	EICQRACKLAIRESI	696	0.36	0.60	Q01853
Nae1	ADSNKYIKLQNVYRE	317	0.36	0.83	E0CZE0
Mapk3	YLQSLPSKTKVAWAK	288	0.36	0.44	D3Z3G6
Got1	PELFKEWKGNVKTMA	321	0.36	0.08	P05201
Oat	ILRKELMKLPSDVVT	362	0.36	0.44	P29758
Sod2	RDFGSFEKFKEKLT	130	0.36	0.33	A0A3B2
Alb	EEPKNLVKTNCDLYE	413	0.36	0.40	P07724
Aldh7a1	RAVEEAQQGGTVVY	390	0.36	0.07	Q9DBF1
Ak3	ITKHFELKHLSSGDL	34	0.36	0.10	Q9WTP7
Idh3b	FANVVHVKSPLGYKT	145	0.36	0.10	Q91VA7
Iars2	AARDDISKLRNTLRF	725	0.35	0.31	Q8BIJ6
Mthfd1	PAGILNGKLVSAQIR	10	0.35	0.50	Q922D8
Matr3	SSLPHYQKLKKFLNK	828	0.35	0.38	Q8K310
Sf3a1	VEETAIGKKIGEEI	484	0.35	0.40	Q8K4Z5
Septin6	AEKELHEKFDRLKKL	367	0.35	0.26	Q9R1T4
Idh2	HAHGDQYKATDFVVD	180	0.35	0.32	P54071
Lmna	SKVREEFKELKARNT	114	0.35	0.91	P48678
Rpl7a	VTTLVENKKAQLVVI	150	0.34	0.17	P12970
Mrps35	HLTPVAIKRHCAALK	73	0.34	0.38	A0A0N4
Sh3gl2	ELRQALEKFDESKEI	189	0.34	0.21	Q62420
Dguok	GRLLQAEKSVRVFER	113	0.34	0.74	A0A0U1
Nckap1	VDYENPLKKMMEEFV	190	0.34	0.15	P28660
Slc1a2	SVEEEPWKREK_____	569	0.34	0.49	P43006
Dlgap4	SSCLVAYKKTPPPVP	541	0.34	0.81	B7ZNS2
Ckb	PHLGKHEKFSEVLKR	307	0.34	0.20	Q04447
Ndufs1	NILTNSEKSKKAREG	108	0.34	0.73	Q91VD9
Ndufa10	QDIENAYKKTFLPKM	242	0.34	0.14	Q99LC3
Pacsin1	RWRQLIEKGPQYGSL	70	0.34	0.37	Q61644
Etfb	QVARVLAKLAEKEKV	110	0.34	0.63	Q9DCW4
Pdha1	LTREDGLKYRMMQT	63	0.33	1.60	P35486
Ociad2	IHRGEIAKIIRECQE	41	0.33	0.53	Q9D8W7
Sdha	AFGGQSLKFGKGGQA	179	0.33	0.06	Q8K2B3
Hpca	EDESTPEKRTEKIFR	147	0.33	1.07	P84075
Psma6	EAANWKYKYGYEIPV	104	0.33	0.27	Q9QUM9
Septin8	AKADTISKSELHKFK	193	0.33	0.56	Q8CHH9
Mtatp8	PKSLTTMKVKTPWEL	46	0.33	0.63	P03930
Clip2	QVSALENKCKSGEKK	860	0.33	0.39	Q9Z0H8

Atp5pd	KAIGNALKSWNETFH	32	0.33	0.14	Q9DCX2
Afg3l2	LSDAINEKHFEQAIE	542	0.32	0.11	Q8JZQ2
Chchd6	QQGRIQEKNAELYKL	203	0.32	0.17	Q91VN4
Rpl13a	NVEKKICKFTEVLKT	57	0.32	0.40	A0A1B0
Stmn1	REAQMAAKLERLREK	119	0.32	0.49	D3Z5N2
Cndp2	VSSYLSKKFAELQSP	364	0.32	0.47	Q9D1A2
Rpl27a	HHRINFDKYHPGYFG	47	0.32	0.20	P14115
Uqcrh	EHCEQLEKCVKARER	40	0.31	0.28	P99028
Rap1gap	NAEYACYKAEKFAKL	378	0.31	0.70	A2ALS5
Tufm	TLERGILKKGDECEL	285	0.31	0.06	Q8BFR5
Mmut	EQGVPKEKLTGTIQN	210	0.31	0.29	P16332
Oxr1	KFLKINCKYITIGKG	220	0.31	1.12	Q4KMM3
Atp1a3	NRYLLVMKGAPERIL	498	0.31	0.29	Q6PIC6
Vat1l	AGFGGLNKLRLSRKA	53	0.31	0.42	Q80TB8
Tuba4a	NAAIAAIKTKRSIQF	336	0.31	0.40	P68368
Glud1	PTTPEADKIFLERNI	415	0.31	0.13	P26443
Mtpap	CPNNINEKKFLKYL	89	0.31	1.88	Q9D0D3
Ywhag	TVVESSEKAYSEAHE	152	0.31	0.18	P61982
Vim	RFANYIDKVRFLEQQ	120	0.31	0.44	A0A0A6
Hadha	VDLYGAQKVVDRLRK	728	0.30	0.23	Q8BMS1
Cltc	GRKQLLEKWLKEDKL	454	0.30	0.17	Q5SXR6
Ogt	GTDLEYLKKIRGKVV	991	0.30	0.40	Q8CGY8
Cpe	KIVDQNSKLAPETKA	224	0.30	0.51	Q00493
Letm1	IEESAASKRLSKRVQ	605	0.30	0.32	Q9Z2I0
Uchl1	QFLSETEKLSPEDRA	123	0.30	0.36	Q9R0P9
Aldh9a1	VDASGTEKAFEPATG	30	0.30	0.23	Q9JLJ2
Pgp	QESDCMFKKKMVPDF	300	0.30	0.38	Q8CHP8
Pnpt1	GHGALAEKALCPVIP	456	0.30	0.07	Q8K1R3
Eno1	IAKAASEKSCNCLLL	335	0.30	0.69	P17182
Aldh9a1	VKQTQKIKLGDPLLE	316	0.30	0.46	Q9JLJ2
Lta4h	RTLWVSEKEQVEKSA	225	0.30	0.70	P24527
Map1lc3a	IRDQHPSKIPVIER	30	0.30	0.42	Q91VR7
Pcbp1	EVGSIIGKKGESVKR	31	0.30	0.79	P60335
Nipsnap3b	ALWGNFAKRAVNAHV	166	0.30	0.98	Q9CQE1
Pkm	NGGSLGSKKGVNLP	206	0.29	0.14	P52480
Acot13	EKLICEMKVEEQHTN	43	0.29	0.26	Q9CQR4
Mcu	QQLAPLEKVRIEISR	218	0.29	0.37	Q3UMR5
Hspa8	RMVQEAKEYKADEK	524	0.29	0.34	P63017
Atp5me	VQVSPLIKFGRYSAL	12	0.29	0.47	Q06185
Epb41l3	QTNISELKRTFLETS	560	0.29	0.89	Q9WV92
Cbr3	TELLPIMKPHGRVVN	130	0.29	0.13	Q8K354
Crym	AKPAHCEKTTVFKSL	285	0.29	0.15	O54983
Atp5me	AKRYSYLKPRAEEER	34	0.29	0.48	Q06185
Mdh2	EAGTEVVAKAGAGS	239	0.28	0.62	P08249
Aco2	GGRAITKSFARIHE	689	0.28	0.41	Q99KI0

Wars1	IFLTDTAKQIKSKVN	370	0.28	0.14	P32921
Ivd	ELVFEDCKVPAANVL	260	0.28	0.07	Q9JHI5
Eno2	IERAVEEKACNCLLL	335	0.28	0.43	P17183
Abat	VLGGCGDKSIRFRPT	470	0.28	0.80	P61922
Dlst	TINELGEKARKNELA	354	0.28	0.50	Q9D2G2
Pak1	SDEEILEKLSIVSV	255	0.28	0.21	G5E884
Snap91	KDALEIYKRFLTRMT	238	0.28	0.57	Q3TWS4
Atp5c1	AIHSSVAKQMKNEVA	88	0.28	0.17	Q8C2Q8
Esd	____MALKQISSNRC	4	0.28	0.69	H3BJC6
Atp5po	KKLDQVEKELLRVGQ	60	0.28	0.43	Q9DB20
Ppa2	VNDPEAEKFHDIDDV	211	0.28	0.09	Q91VM9
Pdhx	GLITPIIKDAAAKGI	379	0.27	0.29	Q8BKZ9
Ndufa11	AALFKIGKLEGWELF	129	0.27	0.18	Q9D8B4
Mrpl19	IQEIQVVKLEKRLDD	178	0.27	0.32	Q9D338
Uba1	GGIVSQVKVPKKISF	296	0.27	0.52	Q02053
Ssbp1	DVAYQYVKKGARIFV	103	0.27	0.56	Q8R2K3
Eif5a	IVEMSTSKTGKHGHA	47	0.27	0.16	A0A0A0
Cltc	GDRCYDEKMYDAAKL	1213	0.27	0.41	Q5SXR6
Bcl9	PEPISAQKTPAKVVY	171	0.27	0.38	Q9D219
Nudt21	GVNQFGNKYIQQTKP	23	0.27	0.08	Q9CQF3
Me1	CSAEQCYKVTKGRAI	402	0.27	0.30	Q3TQP6
Mapk10	MLVIDPAKRISVDDA	346	0.27	0.36	Q3TQZ7
Necap1	GYRASDWKLDQPDWT	37	0.27	0.22	Q9CR95
Aldh1a1	KSVDDVIKRANNTTY	419	0.27	0.38	P24549
Atp5f1a	STVAQLVKRLTDADA	261	0.27	0.58	Q03265
Plk1	__MNAAAKAGKLARA	6	0.27	0.67	A0A0U1
Acot13	LVSAAPEKLICEMKV	37	0.27	0.21	Q9CQR4
Pdha1	SDPIMLLKDRMVNSN	321	0.27	0.32	P35486
Ppp2r1a	NVRFNVAKSLQKIGP	542	0.26	0.07	Q76MZ3
Rap1a	__MREYKLVVLGSG	5	0.26	0.19	A0A0G2
Ggps1	YLLQLPGKQVRSKLS	25	0.26	0.23	Q9WTN0
Ap2m1	LSGMPECKFGMNDKI	211	0.26	0.09	Q3TWW4
Smc3	LRRVIGAKKDQYFLD	105	0.26	0.12	Q9CW03
Actb	VGDEAQSKRGILTLK	61	0.26	0.90	P60710
Pfkm	AMNWMSGKIKESYRN	690	0.26	0.11	P47857
Xpo1	TVKRETLKLISGWVS	219	0.26	0.12	F6YA11
Ctnna2	SDVINAACKIAEAGS	759	0.26	0.07	E0CXB9
H2az2	__MAGGKAGKDSGK	5	0.26	0.26	Q3THW5
H2az2	MAGGKAGKDSGKAKA	8	0.26	0.26	Q3THW5
H2az2	KAGKDSGKAKAKAVS	12	0.26	0.26	Q3THW5
Auh	ALSKNLLKMLSKAVD	84	0.25	0.20	A0A0R4
Mapt	IGSTENLKHQPGGGK	559	0.25	0.16	P10637
Idh3a	MKIFDAAKAPIQWEE	58	0.25	0.13	Q9D6R2
Nfs1	VTYLPVQKSGIIDLK	182	0.25	0.11	Q9Z1J3
Usp7	RDLLQFFKPRQPKKL	870	0.25	0.20	F8VPX1

Acly	DVDAKAQKLLVGVDE	151	0.25	0.34	Q3V117
Mideas	AGIQTSEKPREPGK	996	0.25	0.41	A0A1Y7
Taldo1	AQTSDSEKIHLDEKA	286	0.25	0.60	Q93092
Vdac2	GFGFGLVKLDVKTCS	28	0.25	0.10	G3UX26
Chn1	CEVENRPKYGREYH	44	0.25	0.31	D6RCX8
Idh3a	AACFATIKDGKSLTK	336	0.25	0.68	Q9D6R2
Camk2a	QETVDCLKKFNARRK	291	0.25	0.44	P11798
Ndufa2	ASRAVGAKLGLREIR	13	0.25	0.17	Q9CQ75
Nadk2	SRVVVVAKTTRYEFE	64	0.25	0.20	Z4YK42
Rtcb	GISKKAIKLRPIAVI	496	0.25	0.17	Q99LF4
Rpl34	SYNTASNKTRLSRTP	19	0.24	0.79	A0A0G2
Aco2	LTGKDGKKFKLEAPD	521	0.24	0.19	Q99KI0
Sfpq	GKGFGFIKLESRALA	330	0.24	0.08	Q8VII6
Pgk1	__MSLSNKLTLDKLD	6	0.24	0.16	P09411
Slc25a1	DQTSSNPKYRGFFHG	160	0.24	0.67	Q8JZU2
Baz1b	RLLSMQAKRKREIQE	854	0.24	0.39	Q9Z277
Decr1	DPTGRFEKEMIDRIP	260	0.24	0.07	Q9CQ62
Homer1	HLSKFAEKQEFKEA	102	0.24	0.23	Q9Z2Y3
Dbi	AMKTYVEKVDELKKK	77	0.24	0.08	P31786
Iars2	FAQAAIEKQKSAFVR	194	0.24	0.44	Q8BIJ6
Vdac2	VSGTLETYKWCYEG	61	0.24	0.20	G3UX26
Acly	YPFTGDHKQKFWGH	538	0.23	0.18	Q3V117
Pak3	LQTSNITKLEQKKNP	113	0.23	0.11	Q61036
Lmn2	QAKLDNAKLLSDQND	268	0.23	0.28	P21619
Aspa	DVYKIMEKVDYPRNE	227	0.23	0.09	Q8R3P0
Pkm	NLAMDVGKARGFFKK	498	0.23	0.16	P52480
Clasp2	VNSASAKRSKIPRS	498	0.23	0.21	E9Q8N5
Atp5c1	QKITKSMKMVAAAKY	25	0.23	0.17	Q8C2Q8
Ndufs1	HSFCEVLKDAKPMV	467	0.23	0.50	Q91VD9
Me2	NWPENHVKAVVVDG	156	0.23	0.06	Q99KE1
Nefm	WFKCRYAKLTEAAEQ	296	0.23	0.21	P08553
Actb	ALAPSTMKIKIAPP	326	0.23	0.18	P60710
Seleno	VMRANNPYVLRNYI	594	0.23	0.44	Q9DBC0
Sucl2	IDIVEGIKKEQAVTL	215	0.23	0.33	Q9Z2I9
Vdac1	SFSPNTGKKNAIKT	122	0.23	0.35	Q60932
Adk	LAAANCYKKEKHLDL	161	0.23	0.16	P55264
Khsrp	GAPESVQKAKMMLDD	204	0.23	0.40	A0A3B2
Ndufa9	SHLNASMKSSSKSLR	171	0.22	0.09	A0A0R3
Cox7a2	NKVPEKQKLFQEDNG	33	0.22	0.07	P48771
Kyat3	FGHPALVKALSCLYG	109	0.22	0.07	Q71RI9
Atp1a3	VNDSPALKKADIGVA	716	0.22	0.30	Q6PIC6
Hsp90ab1	EAFSKNLKLGIEDS	438	0.22	0.23	P11499
Actn1	NLGALTQKRREALER	492	0.22	0.15	A1BN54
Apoa1	LQESARQKLQELQGR	156	0.22	0.17	Q00623
Ppp5c	ASNMALGKFRAALRD	110	0.22	0.12	F7BX26

Slc25a24	SGIYGCAKKILKHEG	330	0.21	0.39	Q8BMD8
Plpbbp	DSVKLADKVNSSWQK	117	0.21	1.02	A0A1B0
Oxct1	ANWMIPGKMVKMG	418	0.21	0.08	Q9D0K2
Fech	KQGEQMVKLLDELSP	70	0.21	0.07	F6T2S0
Bles03	EGRLQVAKVSPRAKE	206	0.21	0.49	Q8VD62
Idh3a	LITEEASKRIAEFAF	177	0.21	0.36	Q9D6R2
Tfip11	NFISAGLKKGAEEA	87	0.21	0.10	Q9ERA6
Sdha	ERYAPVAKDLASRDV	335	0.21	0.64	Q8K2B3
Aldh1b1	EWHDVAVSKTFPTVN	53	0.21	0.10	Q9CZS1
Macroh2a1	KKRGSKGKLEAITP	123	0.21	0.34	Q9QZQ8
Paccin1	LLNEDLEKVKNWQKD	109	0.21	0.24	Q61644
Acat1	TPCTTVNKCASGMK	121	0.21	0.05	Q8QZT1
Cct8	EGDVTSVKDAKIAVY	235	0.21	0.35	P42932
Nckap1	VLQPSQQKLAELTI	12	0.21	0.36	P28660
Acsf2	IVFPKQFKTQQYYDI	182	0.21	0.11	Q8VCW8
Atp1a3	ELSSGSVKLMRERNK	458	0.21	0.15	Q6PIC6
H1-4	PAEKTVPKKKARKAA	21	0.21	0.65	P43274
Pls3	STSIQSFKDKTISSS	545	0.21	0.26	A0A1C7
Ndufa13	GYGPIDYKRNLPRRG	22	0.21	0.20	Q9ERS2
Nit1	GTLEPPVKTPAGKVG	188	0.21	0.38	D3YY53
Akr1a1	LIGLGTWKSEPGQVK	23	0.21	0.13	Q9JII6
Mecp2	KSGRSAGKYDVYLIN	119	0.20	0.18	Q9Z2D6
Syp	FDAPSCVKGTTKIF	89	0.20	0.19	Q62277
Septin7	PEECQQFKKQIMKEI	208	0.20	0.35	E9Q1G8
Ncoa2	TDPASNTKLIAMKTV	780	0.20	0.23	E9PV80
Pgk1	SNKLTLDKLDVKGKR	11	0.20	0.33	P09411
Etfb	TTEDLVAKLKEVGRI	248	0.20	0.11	Q9DCW4
Glud1	YTDNELEKITRRFTM	200	0.20	0.38	P26443
Sar1a	TDAISEEKLREIFGL	146	0.20	0.18	Q99JZ4
Lmnb1	LEQTYHAKLENARLS	272	0.20	0.17	P14733
Dlat	KMLEGKGKISVNDFI	468	0.20	0.13	Q8BMF4
Idh3a	SDGLFLQKCREVAEN	214	0.20	0.19	Q9D6R2
Stip1	RIGNSYFKEEKYKDA	312	0.20	0.23	Q60864
Slc25a22	LTLVTPEKAIKLAAN	80	0.20	0.10	Q9D6M3
Uckl1	IITTAVDKRVNDLFR	160	0.20	0.35	F7CAK3
Pgk1	VDFNVPMKNNQITNN	30	0.20	0.30	P09411
Aldoc	AKWRCVLKISRTPS	153	0.20	0.25	P05063
Mlycd	GEWVKSEKLTQALQG	388	0.20	0.12	Q99J39
Pura	KFGHTFCKYSEEMKK	272	0.20	0.20	P42669
Plcb1	EKAYTKLKLQVTPEG	160	0.20	0.32	Q9Z1B3
Clybl	YVPGNDEKKIRKIPS	55	0.19	0.40	Q8R4N0
Ndufv1	DRSTDIVKAIARLIE	356	0.19	0.28	D3YUM1
Tuba1b	VPGGDLAKVQRAVCM	370	0.19	0.06	P05213
Dld	EVRNLNLEKMMEQKHS	122	0.19	0.11	O08749
Hnrnpm	SKGCGVVKFESPEVA	697	0.18	0.27	Q9D0E1

Znhit1	DDDADTGKKKKKTRG	70	0.18	0.26	D3Z017
Acad9	RKIDQEGKIPVDTLE	96	0.18	0.21	Q8JZN5
Atat1	AIDRSPKLLKFLNK	162	0.18	0.07	Q8K341
Txnrd2	TRTLNLEKAGISTNP	329	0.18	0.69	J3QMN4
Ppp1r7	DLYDNQIKKIENLEA	134	0.18	0.10	Q3UM45
Stx1b	SEDVEQVKKQHSAIL	54	0.18	0.33	P61264
Scai	RLSGTVEKPPRKRKS	25	0.18	0.20	Q8C8N2
Ogdhl	KVYYDLVKERSSQGL	900	0.18	0.37	B2RXT3
Pygb	RIKKDPAKAFVPRTV	597	0.18	0.21	Q8CI94
Cct7	DVVHPAAKTLVDIAK	77	0.18	0.22	A0A0N4
Me3	TLQDRNEKLFYRILQ	119	0.18	0.22	Q8BMF3
Eef1a1	TVAVGVKAVDKKAA	439	0.18	0.05	P10126
Smchd1	TECPIPTKRMREST	1988	0.18	0.59	Q6P5D8
Atp1a2	LCNRAVFKAGQENIS	432	0.17	0.15	Q6PIE5
Aco2	GKDGKKFKLEAPDAD	523	0.17	0.15	Q99KI0
Ryr2	LLSVRMGKEEEKLMI	2135	0.17	0.06	E9Q401
Nt5m	FKYCPYEKYAWVEKH	135	0.17	0.16	Q8VCE6
Ywhab	VISSIEQKTERNEKK	70	0.17	0.27	Q9CQV8
Camk2b	MLTINPAKRITAHEA	259	0.17	0.10	Q5SVI9
Atp5mg	KKIIQSAKTGSFKHL	61	0.17	0.19	Q9CPQ8
Aldoa	ALQASALKAWGGKKE	312	0.17	0.14	P05064
Septin8	KETELKEKERELH	360	0.17	0.10	Q8CHH9
Ap1b1	QKRPEILKHEMKVFF	291	0.17	0.06	Q5SVG5
H4c1	MDVVYALKRQGRTLY	92	0.17	0.09	P62806
Sptan1	HVEVLQKKFEFQTD	190	0.17	0.07	A3KGU5
Eci2	KDPGNEVKLRLYALY	47	0.17	0.34	Q3TCD4
Hspd1	GLQVVAVKAPGFGDN	301	0.16	0.08	P63038
Camk2a	AGQEYAAKIINTKKL	42	0.16	0.09	P11798
Thrap3	RERSPALKSPLQSVV	252	0.16	0.34	Q8BZN7
Auh	EVGPFVSKIRSVIND	135	0.16	0.22	A0A0R4
Nqo1	NDITGELKDSKNFQY	61	0.16	0.08	Q64669
Atp6v1a	EFEGVKEKFSMVQVW	202	0.16	0.10	P50516
PsmA6	ESTSFLEKKVKKKFD	181	0.16	0.24	Q9QUM9
Sncb	GVASVAEKTKEQASH	57	0.16	0.19	Q91ZZ3
Acsf3	VTPGFEEKEGELLVR	419	0.16	0.06	A0A1D5
Adar	SSSVAASKRVENGQE	360	0.16	0.21	Q99MU3
Bcas1	DGHAAGQKMSETQAK	163	0.16	0.10	F7BNZ5
Rgs10	PDAQTAAKRASRIYN	173	0.15	0.25	Q9CQE5
Dars2	AELLNACKKLPEIK	152	0.15	0.22	Q8BIP0
Ywhag	DREQLVQKARLAEQA	10	0.15	0.39	P61982
Raly	AVTTGSAKIKLKSSE	163	0.15	0.35	A2AU61
Stxbp1	RDLSQMLKKMPQYQK	332	0.15	0.09	O08599
Ldhb	TPKIVADKDYSVTAN	82	0.15	0.30	P16125
Rbm25	PGQPNSVKRKKLPVD	680	0.15	0.28	B2RY56
Mdh2	ELKASIKKGEDFVKN	329	0.15	0.20	P08249

Mdh2	PELKASIKKGEDFVK	328	0.15	0.20	P08249
Prdx3	ELSLDDFKGKYLVL	92	0.15	0.15	P20108
Ckmt1	IKLPLLSKDNRFPI	338	0.15	0.11	P30275
Eno1	VNVVEQEKIDKLMIE	89	0.15	0.11	P17182
Tufm	RQPMILEKGQRFTLR	418	0.15	0.22	Q8BFR5
Sptbn1	NSDRIQEKVDSIDDR	1249	0.14	0.11	Q62261
Pdhx	FTKEDALKLVELKQM	218	0.14	0.14	Q8BKZ9
Sptbn1	RLVDTGDKFRFFSMV	1913	0.14	0.15	Q62261
Ddx21	GKLRSKAKLGSAGAE	10	0.14	0.16	Q9JIK5
Ndufb3	TPLETQKKLAARGL	40	0.14	0.19	Q9CQZ6
Idh3b	EQVLSSMKENKVAII	104	0.14	0.05	Q91VA7
Ensa	SGDYNMAKAKMKNKQ	74	0.14	0.08	P60840
Atp5po	MIVRIGEKYVDMSAK	192	0.14	0.07	Q9DB20
Sv2b	YFQDEEYKSKMKVFF	424	0.14	0.10	Q8BG39
Sqor	IGSNYSVKTEKTKW	173	0.14	0.20	F6ZKZ3
Hspa2	AIAYGLDKKVGARN	187	0.14	0.09	P17156
Dld	GKSEEQLKEEGIEFK	410	0.14	0.19	O08749
Dpysl2	RMSVIWDKAVVTGKM	368	0.13	0.06	O08553
Me3	KIWMVDSKGLIVKGR	372	0.13	0.05	Q8BMF3
Eef1a1	TEPPYSQKRYEEIVK	165	0.13	0.12	P10126
Epb41l2	EYSCDLEKRAKQVL	229	0.13	0.08	A0A1W2
Rps11	KNIGLGFKTPKEAIE	45	0.13	0.31	A0A1B0
Rbbp7	GKIECEIKINHEGEV	147	0.13	0.11	F6ZLC6
Taldo1	KLSDGIRKFAADAIK	314	0.13	0.05	Q93092
Gpx1	TEMNDLQKRLGPRGL	62	0.13	0.11	P11352
Fis1	DLKNFERKFQSEQAA	20	0.13	0.18	Q9CQ92
Ank2	CGRLSFMKEPKSTRG	1432	0.13	0.21	S4R2F3
Guk1	ETEESLAKRLAAART	147	0.13	0.32	Q64520
Aco1	MFKEVYQKIETVNS	615	0.13	0.23	P28271
Ccdc90b	SRIRADNKLDINLER	167	0.13	0.14	Q8C3X2
Cs	MSTDGLMKFVDSK__	459	0.13	0.21	Q9CZU6
Ndufv1	KTSFGSLKDEDRIFT	27	0.13	0.10	D3YUM1
Aldoa	PALTPEQKKELSDIA	13	0.12	0.27	P05064
Nolc1	PKKQVVAKAPVKVAA	258	0.12	0.13	A0A286
Atp5pd	PETKLDKKKYPYWPH	148	0.12	0.04	Q9DCX2
Atp5pd	ETKLDKKKYPYWPHQ	149	0.12	0.04	Q9DCX2
Hist2h2bb	__MPDPAKSAPAPKK	6	0.12	0.14	Q64525
Hist2h2bb	AKSAPAPKKGSKKAV	12	0.12	0.14	Q64525
Sptbn2	AEHYHDIKRIAARQN	500	0.12	0.04	Q68FG2
Psmal1	LVSLIGSKTIPTQR	90	0.12	0.04	A0A1B0
L2hgdh	LIQQEDIKKKEPYCR	174	0.12	0.16	Q91YP0
Vcp	IQPCPDVKYGKRIHV	109	0.12	0.08	Q01853
H1-2	SRIKLGLKSLVSKGT	85	0.12	0.24	P15864
Oxnad1	THESPSVKSLRLLVA	78	0.12	0.21	E9Q2B7
Ap2b1	DYYNMLLKKLAPPLV	282	0.12	0.09	Q9DBG3

Cryz	KEANYIDKIKDRHLV	208	0.12	0.18	V9GXY8
Hsp90ab1	KFYEAFSKNLGLIH	435	0.12	0.03	P11499
Pdhx	ALKLVELKQMGKITE	223	0.12	0.07	Q8BKZ9
Ckmt1	TTDLDAKIRSGYFD	149	0.12	0.34	P30275
Zmynd8	SPKILLSKPLLSGGA	388	0.11	0.09	A2A481
Rab14	IIEVSGQKIKLQIWD	59	0.11	0.14	Q91V41
Lrprrc	VLCKLVEKGETDLIQ	867	0.11	0.23	Q6PB66
Aldh5a1	KAVEKVEKQVNDAVA	382	0.11	0.26	Q8BWF0
Agpat5	PEEQEHMKKWLHERF	279	0.11	0.18	F8WGD9
Pcx	RGKTLHIKALAVSDL	1061	0.11	0.05	G5E8R3
Cs	YSIPECQKMLPKAKG	103	0.11	0.10	Q9CZU6
Etfb	VLAKLAEKEKVDLLF	114	0.11	0.08	Q9DCW4
Sptbn2	IRQAQVDKLYASLKE	1674	0.11	0.06	Q68FG2
Sptan1	ERELELQKEQRRQEE	2180	0.11	0.17	A3KGU5
Rpl7	LRKKFALKTLRKARR	62	0.11	0.18	P14148
Aco2	IRYDLLEKNINIVRK	50	0.11	0.04	Q99KI0
Maip1	KEVLQILKEKVTSL	180	0.10	0.08	Q8BHE8
Sccpdh	KLQQVLEKAAQKLGR	58	0.10	0.08	Q8R127
Sgip1	KKRFAAGKYLADN__	801	0.10	0.15	Q8VD37
Nipsnap1	SRIMIPLKISPLQ__	279	0.10	0.06	O55125
Ndufa10	VDHYNEIKRLTLPEY	191	0.10	0.09	Q99LC3
Hspd1	AYVLLSEKKISSVQS	249	0.10	0.04	P63038
Nadk2	RQRCFSSKVCVRSRC	356	0.10	0.15	Z4YK42
Nipsnap1	IYELRTYKLPGTMI	191	0.10	0.04	O55125
Hnrnpk	MEEEQAFKRSRNTDE	34	0.10	0.07	P61979
Dnm1	TIRKCSEKLQQYPRL	445	0.10	0.11	A0A0J9
Nwd2	LLAEVAKKAYGWLH	431	0.09	0.14	Q6P5U7
Camk2b	SVVRRCVKLCTGHEY	33	0.09	0.09	Q5SVI9
Fau	NVVPTFGKKKGPAN	51	0.09	0.17	P62862
H1-4	AAPAPAEKTPVKKKA	17	0.09	0.14	P43274
Gpd2	DTVDAAVKFHNLNAG	453	0.09	0.03	Q64521
Decr1	SRNIDVLKATAEIS	97	0.09	0.06	Q9CQ62
Sacs	QGISSYTKLGCKVL	945	0.09	0.05	E9QNY8
Acly	ATADYICKVKWGDIE	230	0.08	0.10	Q3V117
Pygb	VIEEGDCKRINMAHL	438	0.08	0.12	Q8CI94
Pitrm1	VDWAKSGKFTQQDID	945	0.08	0.10	Q8K411
Cltc	AWKEGQFKDIITKVA	1396	0.08	0.09	Q5SXR6
Me3	FASGSPFKSVTLEDG	472	0.08	0.02	Q8BMF3
Pfdn6	LLGPVLVKQELGEAR	66	0.08	0.04	A0A3Q4
Eci1	PEDQVHSKARSVMTK	222	0.08	0.04	P42125
Cmpk1	QYGELIEKYIKEGKI	55	0.08	0.05	Q9DBP5
Ep300	NESTDVTKGDSKNAK	1541	0.08	0.10	B2RWS6
Ep300	DVTKGDSKNAKKNN	1545	0.08	0.10	B2RWS6
Gpm6a	KDACRMQKYEDIKSK	250	0.08	0.08	P35802
Lmnbl	DLSGAQIKLREYEA	135	0.08	0.08	P14733

Hspa4l	RLYQECEKLLKLSA	272	0.08	0.11	P48722
Pex11b	GASPELQKQIRQLEG	29	0.08	0.22	E9PKX7
Ap1m1	PNDADSPKFKTTVGS	324	0.07	0.03	P35585
Bckdk	RKHIQDEKLVRFLD	184	0.07	0.07	A0A0U1
Aco2	LTGKDGKKFKLEAPD	521	0.07	0.05	Q99KI0
Sucla2	DEAYAIKKLGSKDV	88	0.07	0.12	Q9Z2I9
Aldh4a1	AKFCYADKALLNRAI	98	0.07	0.02	Q8CHT0
Mcu	VERLEDLKQQLAPLE	210	0.07	0.04	Q3UMR5
Hprt1	CVISETGKAKYKA__	213	0.07	0.06	P00493
Mrps22	RLAVEAAKVRKMP	122	0.07	0.12	Q9CXW2
Got2	DPRPEQWKEIASVVK	227	0.07	0.03	P05202
Lypla1	ALIDQEVKNGIPSNR	47	0.07	0.07	D3YUG4
Pygb	NDNFFEGKELRLKQE	290	0.07	0.02	Q8CI94
Acat1	YAVPKVLKYAGLKKE	335	0.06	0.20	Q8QZT1
Vdac1	LGYTQTLKPGIKLTL	265	0.06	0.03	Q60932
Psmc6	VSSSIVDKYIGESAR	206	0.06	0.04	P62334
Nit2	IPGESTQKLSEVAKE	68	0.06	0.06	Q9JHW2
Exog	RSVARLEKVLEALKS	327	0.06	0.09	Q8C163
Ppp2ca	QLSESQVKSCEKAK	29	0.05	0.09	P63330
Ctdp1	IYDSNTGKLIRMGPQ	770	0.05	0.08	Q7TSG2
Tkt	QQKLQALKDTANRLR	16	0.05	0.02	P40142
Actr6	EEMVLGKYKFGEQI	260	0.05	0.04	A0A0R4
Selenbp2	YDISNPQKPRLTGQI	280	0.05	0.05	G3UYY2
Add1	EEKILIQKNLGPFSK	288	0.05	0.04	F8WHZ9
Ugp2	KAHVDEFKSVSKFKI	319	0.05	0.05	Q91ZJ5
Mdh2	LGKKGLEKNLGIGKI	301	0.04	0.06	P08249
Prdx1	VMPDGGQFKDISLSEY	27	0.04	0.02	P35700
Anxa2	RSVCHLQKVFERYS	227	0.04	0.05	P07356
Thrap3	QEEKSGKWESLHTG	468	0.04	0.03	Q8BZN7
Ccdc77	QYRAQCKKKEDKLGK	323	0.04	0.05	Q9CZH8
Ccdc77	YRAQCKKKEDKLGKV	324	0.04	0.05	Q9CZH8
Ccdc77	QCKKKEDKLGKVVPI	327	0.04	0.05	Q9CZH8
Aco2	GKDGKKFKLEAPDAD	523	0.04	0.03	Q99KI0
Sptan1	RLNHQEFKSLRSLG	2334	0.04	0.01	A3KGU5
Atp5mg	KKIIQSAKTGSFKHL	61	0.04	0.05	Q9CPQ8
Atp5mg	TAIQSVKKIIQSAKT	55	0.04	0.05	Q9CPQ8
Trp53bp1	LDNLVEGKRKRRSNI	92	0.04	0.04	F6ZRL3
Sucla2	DDLDEAAKMVVKLSE	438	0.04	0.04	Q9Z2I9
Tcf20	FISPIPSKRQSQDVK	1295	0.04	0.05	Q9EPQ8
Ckmt1	RGLKEVEKLIQERGW	296	0.04	0.03	P30275
Itpr1	DIMVMDTKLKIIIL	971	0.04	0.02	P11881
Purb	RKYLDLKENQRGRF	148	0.03	0.02	O35295
Snca	GVTTVAEKTKEQVTN	58	0.03	0.02	O55042
Ahcyl2	DFCVKNIKQAEFGRR	111	0.03	0.03	F8WGT1
Septin7	TVQVEQSKVLIKEGG	97	0.03	0.02	E9Q1G8

Ywhag	ESKVFYLMKMGDYR	120	0.03	0.02	P61982
Arl8b	LPNALDEKQIEKMN	93	0.03	0.03	A0A0N4
Atp5po	LRVGQLLKDPKVSLA	70	0.03	0.05	Q9DB20
H2bc21	__MPELAKSAPAPKK	6	0.03	0.03	Q64524
Fbxo22	VFTFLPAKALLRVAG	39	0.03	0.02	D6REV6
Nsf	SSLNLIGKAKTKENR	198	0.03	0.03	P46460
Atp1a3	LCNRAVFKGGQDNIP	424	0.03	0.01	Q6PIC6
Pdha1	TVRRMELKADQLYKQ	77	0.02	0.02	P35486
Nt5dc3	YEPVHLYKDVKDSIR	246	0.02	0.01	Q3UHB1
Sptbn1	QSVDEVEKLIK RHEA	2054	0.02	0.01	Q62261
Fh	VRSTMNFKIGGATER	77	0.02	0.01	P97807
Flad1	ESGSLGKKVAGALQ	283	0.02	0.01	Q8R123
H1-2	PVSELITKAVAASKE	47	0.02	0.00	P15864
Gnao1	ISAAKDVKLLLGAG	35	0.02	0.01	P18872
Mapt	NKKIETHKLT FENA	667	0.02	0.01	P10637
Mcu	AQAEMDLKRLRDLQ	331	0.02	0.01	Q3UMR5
Hsd17b12	LISRSQDKLNQVSNN	86	0.02	0.02	O70503
Hsd17b4	DSVEAGEKLVKTALD	81	0.01	0.01	P51660
Ndufb6	SGYTPDEKLRLQQLR	9	0.01	0.01	A2AP32
Atp5f1a	KQVAGTMKLELAQYR	434	0.01	0.01	Q03265
Aldh7a1	DYEETIGKAKKAWNI	94	0.01	0.01	Q9DBF1
Pgp	FITNNSKTRTAYAE	72	0.01	0.01	Q8CHP8
Cand1	ALAANVCKKITGRLT	132	0.01	0.02	Q6ZQ38
Sptan1	KMREKGILLQAQKL	144	0.01	0.01	A3KGU5
Dbi	AKWDSWNKLGTSKE	61	0.01	0.00	P31786
Pitrm1	IAEMTDIKPILRKLP	759	0.01	0.00	Q8K411
Sptan1	VARYEALKEPMVARK	770	0.01	0.01	A3KGU5
Abcb7	VKYFNNEKYEAQRYD	350	0.00	0.00	Q61102
Tnik	EGMSPSEKPAWAKEV	530	0.00	0.00	B2RQ80
Bphl	PQLQSLNKKRFTLVA	86	0.00	0.00	Q8R164
Atp5f1b	IDERGPIKTKQFAPI	159	0.00	0.00	P56480
Sp3	DQQHQEGKRLRRVAC	595	0.00	0.00	O70494
Snca	GVVAAAEKTKQGVAE	21	0.00	0.00	O55042
Rexo2	GNSVHADKKFLDKHM	148	0.00	0.00	Q9D8S4
Acsbg1	VIVVDTQKQLEKILK	211	0.00	0.00	Q99PU5
Plcb1	RQQILDEKPKLQTEL	1139	0.00	0.00	Q9Z1B3
Csrp1	KDGEIYCKGCYAKNF	168	0.00	0.00	P97315
Cltc	LAKAQLQKGMVKEAI	1122	0.00	0.00	Q5SXR6
Mpst	DASWYLPKLGRDARR	40	0.00	0.00	A0A2R8
Slc25a3	RMQVDPQKYKGIFNG	94	-0.01	0.01	Q8VEM8
Idh1	KSQFEAQKICYEHL	243	-0.01	0.01	O88844
Camk2a	MLTINPSKRITAAEA	258	-0.01	0.01	P11798
Hadh	LKRMAKKKFTENPKA	81	-0.01	0.00	Q61425
Atp2a2	NVFDTELKGLSKIER	460	-0.01	0.01	O55143
Rtn1	PVGQVADKPKTKTRS	383	-0.01	0.01	Q8K0T0

Nt5dc3	QTRAVLAKLAAHGKK	285	-0.01	0.01	Q3UHB1
Macroh2a1	IHPPELLAKKRGSKGK	116	-0.01	0.00	Q9QZQ8
Idh3b	HAVKEVFKAAPVE	71	-0.01	0.01	Q91VA7
Atp1a2	QSHVLVMKGAPERIL	505	-0.01	0.01	Q6PIE5
Scp2	EEGEQFVKKIGGIFA	453	-0.02	0.02	P32020
Cnp	EKYHDGTKMVSADAY	79	-0.02	0.01	P16330
Asrgl1	WAAVKNGKLQAGIDL	309	-0.02	0.01	Q8C0M9
Strn	AHEDRHIKFYDNNTG	536	-0.02	0.01	F8WH41
PsmA6	IPVDM LCKRIADISQ	116	-0.02	0.01	Q9QUM9
Sae1	VEDGPEAKRAKLDSS	199	-0.02	0.05	Q9R1T2
Hspa4	LTVDPVVKTEIEAK	765	-0.02	0.06	Q61316
Tpp2	RGLKFATKLVEEKPT	1217	-0.02	0.02	Q64514
Acat1	ATPYGGVKLEDLIVK	171	-0.02	0.01	Q8QZT1
Ywhab	DKSELVQKAKLAEQA	11	-0.02	0.02	Q9CQV8
Atp5pd	EKKYNALKIPVPEDK	78	-0.02	0.02	Q9DCX2
Acat1	VDFSKVPKLKTVFQK	263	-0.03	0.03	Q8QZT1
Uqcrb	LHETEDVKEAIRRLP	45	-0.03	0.02	Q9CQB4
Rps3a	FNIRNIGKTLVTRTQ	46	-0.03	0.04	P97351
Ptrhd1	EEVSQYLKKFRLFK_	134	-0.03	0.09	D3Z4S3
Hibadh	SPAEEVAEKADRIITM	94	-0.03	0.03	Q99L13
Ep300	CSLPSCQKMKR VVQH	1760	-0.03	0.02	B2RWS6
Adsl	GSSAMPYKRNP MRSE	295	-0.03	0.01	E9Q3T7
Myo5a	TATETYIKPISKLQA	389	-0.03	0.05	D3YZ62
Eef1a2	TEPAYSEKRYDEIVK	165	-0.03	0.02	P62631
Khdrbs3	GHALEEIKKFLIPDY	99	-0.03	0.04	A0A2R8
Map7d2	TDAGEAAKILA EKR	267	-0.03	0.03	A2AG51
Hmgn5	VPFTPELKPKRASTS	33	-0.03	0.02	Q9JL35
Sdhaf2	DLEYLFEPH_____	162	-0.03	0.02	Q8C6I2
Rpl21	AVGIIVNKQVKGKIL	78	-0.04	0.03	Q9CQM8
Ndufv1	DWILGEMKTSGLRGR	72	-0.04	0.02	D3YUM1
Nckap1	NAYHAVYQSVTSSA	1121	-0.04	0.04	P28660
Pdhh	DVPMPYAKVLEDNSV	336	-0.04	0.01	Q9D051
Rps7	ETFSGVYKKLTGKDV	178	-0.04	0.02	P62082
Ints4	QQEEIATKKLR LTKP	27	-0.04	0.09	Q8CIM8
Aldoc	PALSAEQKKELSDIA	13	-0.04	0.04	P05063
Mcu	KSRFDLEKYNQLKDA	315	-0.04	0.03	Q3UMR5
Ap1b1	EMKVFFVKYNDPIYV	327	-0.04	0.02	Q5SVG5
Pip4k2a	GSSVLASKTKTKKKH	15	-0.04	0.08	O70172
Ywhaq	VISSIEQKTDTS DKK	68	-0.04	0.07	P68254
Hspa8	VQEAKEYKA EDEKQR	526	-0.05	0.05	P63017
Riox2	EEASVPCKRVKEELP	20	-0.05	0.07	D3Z287
Crebbp	EGSQGDSKNAKKKNN	1546	-0.05	0.05	A0A0U1
Abat	IAPFPRLKYPLEEFT	252	-0.05	0.03	P61922
Sptan1	QVEVLQKKFDDFQKD	1112	-0.05	0.08	A3KGU5
Ahcy	_____MSDKLPYKVAD	4	-0.05	0.07	P50247

Wars2	LARSFNQKYGEFFPL	199	-0.05	0.03	Q9CYK1
Ep300	KGDSKNAKKNNKKT	1548	-0.05	0.04	B2RWS6
Ep300	NESTDVTKGDSKNAK	1541	-0.05	0.04	B2RWS6
Ep300	DVTKGDSKNAKKNN	1545	-0.05	0.04	B2RWS6
Atp2b3	DNTNDLEKRRQIYGQ	80	-0.05	0.10	Q8C048
Angel2	FRFPNILKEIKHFDA	184	-0.05	0.02	F6SBQ6
Crebbp	EGSQGDSKNAKKNN	1546	-0.05	0.04	A0A0U1
Crebbp	QGDSKNAKKNNKKT	1549	-0.05	0.04	A0A0U1
Crebbp	GDSKNAKKNNKKTN	1550	-0.05	0.04	A0A0U1
Hist2h2bb	_MPDPAKSAPAPKK	6	-0.06	0.10	Q64525
Hist2h2bb	KSAPAPKKGSKKAVT	13	-0.06	0.10	Q64525
Hist2h2bb	AKSAPAPKKGSKKAV	12	-0.06	0.10	Q64525
Crebbp	LDGPPNPKRAKLSSP	13	-0.06	0.09	A0A0U1
Aco2	KLTIQGLKDFAPGKP	730	-0.06	0.02	Q99KI0
Brd7	VVQESGGKLTRLAN	328	-0.06	0.03	O88665
Slc32a1	MATLLRSKLTNVATS	8	-0.06	0.09	O35633
Fip1l1	KASSSVGKWQDRYGR	278	-0.06	0.03	D3Z3F1
Sptan1	TNGQDLIKNNHHEE	1923	-0.06	0.06	A3KGU5
Atp1a2	KMRDRNPKVAEIPFN	474	-0.06	0.07	Q6PIE5
Cxxc1	QQPQQSQKLGRRED	254	-0.06	0.07	Q9CWW7
Mdh1	DLLKANVKIFKSQGT	107	-0.07	0.11	P14152
Abhd11	TNFNSLAKAMVQRTG	79	-0.07	0.09	A0A0J9
Sod1	MKAVCVLKGDPVQG	10	-0.07	0.02	P08228
Cs	GKDVSDKLRDYIWN	327	-0.07	0.04	Q9CZU6
Atp2b2	GASEIVLKKCKILS	588	-0.07	0.08	Q3UHH0
Rps25	ALQELLSKGLIKLVS	62	-0.07	0.03	A0A1L1
Efh2	DVSTEGVKGAKNFFE	188	-0.07	0.04	Q8C845
Vdac3	PTYCDLGKAAKDVFN	12	-0.07	0.05	Q60931
Atp5f1a	ISEQSDAKLKEIVTN	539	-0.07	0.07	Q03265
Atp5f1a	GNIRSDGKISEQSDA	531	-0.07	0.07	Q03265
Snap91	LQWNAGEKKLTGGAN	492	-0.07	0.14	Q3TWS4
Uba1	NQYLTDKSFVERTLR	671	-0.08	0.03	Q02053
Cltc	QIFNIEMKSKMKAHT	100	-0.08	0.05	Q5SXR6
Znf512	TPGPTSLKQQRSTRI	18	-0.08	0.20	Q69Z99
Mef2d	EAEGSAVKRMRLDTW	496	-0.08	0.03	E9QKT0
Ogdh	QGYDYVKPRLRTTI	966	-0.08	0.09	Z4YJV4
Pcca	VKGDISTKFLSDVYP	498	-0.08	0.05	Q91ZA3
Atp5pf	KELDPVQKLFVDKIR	41	-0.08	0.03	P97450
Lanc1	YHKMNSEKQAEECIT	128	-0.08	0.21	B2KGR2
H1-2	AAGYDVEKNNSRIKL	75	-0.08	0.24	P15864
Stx1a	AENVEEVKRKHSAIL	55	-0.08	0.07	O35526
Mapre3	KVLQAFAFKMGVDKI	83	-0.09	0.02	Q6PER3
Aldoa	KGGVVGIKVDKGVVP	108	-0.09	0.14	P05064
Sptbn1	DKADDIQKRENEVLE	1884	-0.09	0.02	Q62261
Map2	AQAPGAFAKQAKDKVT	1526	-0.09	0.07	P20357

Isoc2a	DASHPQFKEIQKIIK	178	-0.09	0.12	P85094
Nfia	TSSTSSTKRLKSVED	107	-0.09	0.04	F7CDR2
Gdi1	VEGSFVYKGGKIYKV	112	-0.09	0.03	P50396
Meaf6	DRYLTNQKNSNSKND	25	-0.10	0.07	V9GXH6
Meaf6	NQKNSNSKNDRRNRK	30	-0.10	0.07	V9GXH6
Glud1	DVPFGGAKAGVKINP	183	-0.10	0.12	P26443
Idh3b	FAFDYATKKGRSKVT	206	-0.10	0.17	Q91VA7
Aco2	KDIKKGEKNTIVTSY	465	-0.10	0.05	Q99KI0
Syn1	AEPFIDAKYDVRVQK	311	-0.10	0.04	O88935
Hnrnpu	SSSPVNVKKLKVSEL	9	-0.10	0.12	Q8VEK3
Asrgl1	LARLVMEKTPHCFLT	128	-0.10	0.06	Q8C0M9
Arcp2	VHQAGMLKRNCFASV	117	-0.10	0.05	Q9CVB6
Sptan1	IKLLQAQKLVLQYLR	150	-0.10	0.06	A3KGU5
Cisd1	NVGPLIIKKKET___	104	-0.10	0.10	Q91WS0
Ndufa8	PVIEGDLKPAKHGTR	159	-0.11	0.15	Q9DCJ5
Ppp1r9b	GAPQVNSKLVTKRSR	242	-0.11	0.15	Q6R891
Idh3b	SKVTAVHKANIMKLG	217	-0.11	0.11	Q91VA7
Idh3g	KKVTAVHKANIMKLG	221	-0.11	0.11	P70404
Etfdh	KELFPDWKEKGAPLN	71	-0.11	0.11	Q6PF96
Acad12	DDQLKVAKMELKNQS	538	-0.11	0.07	D3Z7X0
Nutf2	GKAAIVEKLSSLPFQ	55	-0.11	0.06	P61971
Bbs4	PASVESQKPRSKKAP	20	-0.11	0.15	Q8C1Z7
Oas2	GPVHKLEKSIQANLT	39	-0.11	0.03	E9Q9A9
Mdh2	TPLLLGKKGLEKNLG	297	-0.11	0.10	P08249
Idh3b	SMIADAVKKVIKAGK	349	-0.11	0.09	Q91VA7
Acat1	AIQGAIEKAGIPKEE	75	-0.11	0.04	Q8QZT1
H4c1	SGRGKGGKGLGKGGA	9	-0.11	0.18	P62806
H4c1	KGGKGLGKGGAKRHR	13	-0.11	0.18	P62806
H4c1	GLGKGGAKRHRKVL	17	-0.11	0.18	P62806
Rab1A	ATAGGAEKSNVKIQS	187	-0.11	0.13	P62821
Fech	TVHKVMEKLGYPNPY	215	-0.11	0.10	F6T2S0
Akap5	ETKVITEKPSVQTQR	233	-0.11	0.15	D3YVF0
Uqcc1	WRTFFNQKCEDPRQL	154	-0.12	0.15	A6PWX5
Ddx5	KFGNPGEKLVKKKWN	40	-0.12	0.21	Q61656
Eno2	YLGKGVLKAVDHINS	64	-0.12	0.16	P17183
Ahcyl2	YQLSKAGKLCVPAMN	270	-0.12	0.08	F8WGT1
Sptan1	HFDAENIKKKQEALV	756	-0.12	0.18	A3KGU5
Camk2b	TGHEYAAKIINTKKL	43	-0.12	0.05	Q5SVI9
Trerf1	KHPPIAAKVEEPLKN	646	-0.12	0.09	Q8BXJ2
Idh3a	SNVTAVHKANIMRMS	200	-0.12	0.09	Q9D6R2
Cops2	LLELDHQKRGGARYT	374	-0.12	0.04	A2AQE4
Atp5pd	ALVDQEEKEDVKSCA	95	-0.12	0.04	Q9DCX2
Lypla1	KQAAETVKALIDQEV	39	-0.13	0.05	D3YUG4
Ppp1ca	PADKNKGKYGQFSGL	305	-0.13	0.04	P62137
Brk1	RLATLNEKLTALERR	53	-0.13	0.12	Q91VR8

Atp2b2	SRIEQEQKFTVVVRAG	191	-0.13	0.06	Q3UHH0
Syn2	EPHTDWAKCFRGKKI	129	-0.13	0.04	Q64332
Rps20	____MAFKDTGKTPV	4	-0.13	0.11	P60867
Coq3	DPVAENIKIAQHHS	183	-0.13	0.05	Q8BMS4
Csrp1	NASKFAQKIGGSERC	112	-0.13	0.17	P97315
Eif3e	RKRRQVLKDLVKVIQ	275	-0.13	0.26	P60229
Acss2	TAIRMLMKFGDDPVT	431	-0.13	0.07	A2AQN4
Nlrx1	LENAQAIAKKKLGKLG	659	-0.13	0.19	Q3TL44
H2bc14	PAPKKGSKKAVTKAQ	NaN	-0.14	0.16	P10854
H2bc4	APKKGSKKAVTKAQK	17	-0.14	0.16	Q6ZWY9
H2bc4	GSKKAVTKAQKKDGK	21	-0.14	0.16	Q6ZWY9
H2bc4	PAPKKGSKKAVTKAQ	16	-0.14	0.16	Q6ZWY9
Hist1h2bp	PAPKKGSKKAVTKAQ	16	-0.14	0.16	Q8CGP2
Hist1h2bp	APKKGSKKAVTKAQK	17	-0.14	0.16	Q8CGP2
Eef1g	GEVKLCEKMAQFDAK	212	-0.14	0.06	Q9D8N0
Acad10	VHQLTVAKMELKNQS	1052	-0.14	0.07	Q8K370
Atp5f1d	AARANLEKAQSELSG	136	-0.14	0.09	Q9D3D9
Hmgcl	RDGLQNEKSIVPTPV	48	-0.14	0.26	P38060
Idh2	WPLYLSTKNTILKAY	251	-0.15	0.07	P54071
Fasn	VQQVSTNKRPLWFIC	489	-0.15	0.10	A0A0U1
Glud1	GASIVEDKLVEDLKT	84	-0.15	0.06	P26443
Hspa8	LRDAKLDSQIHDIV	328	-0.15	0.04	P63017
Pgm1	LYIDSYEKDVAKINQ	523	-0.15	0.22	Q9D0F9
Sf3b1	AASQPPSKRRRWQDQ	195	-0.15	0.17	G5E866
Kalrn	SGPVGSEKPPKGSSY	546	-0.15	0.16	D3Z534
Syp	AKGLSDVKMATDPEN	169	-0.15	0.05	Q62277
Sptan1	GKVSDLEKAAQRKA	1948	-0.15	0.25	A3KGU5
Atp5mg	PTAIQSVKKIIQSAK	54	-0.15	0.03	Q9CPQ8
Hint1	GGDTIFGKIIRKEIP	21	-0.16	0.20	P70349
Dync1h1	NRSTALLKSLAERE	3478	-0.16	0.05	Q9JHU4
Ak4	HLLRENLTGTVEVD	45	-0.16	0.22	A2ARF6
Gm49601	HTVDIEEGVKLKLTL	107	-0.16	0.35	A0A338
Hibch	EQMKVINKMSPTSLK	300	-0.16	0.09	Q8QZS1
Gnao1	KERKTDSKMVCDVVS	105	-0.16	0.35	P18872
Hspa8	TNTVFDAKRLIGRRF	71	-0.16	0.26	P63017
Hspa8	HQQKELEKVCNPIIT	601	-0.16	0.08	P63017
Atp1a3	EVAMTEHKMSVEEVC	35	-0.16	0.09	Q6PIC6
Ubn2	KTLQAPSCLTNSSST	235	-0.16	0.42	F6UTU1
Rpl28	STEPNNLKARNSEFRY	33	-0.16	0.12	P41105
Hist2h2bb	___MPDPAKSAPAPKK	6	-0.16	0.08	Q64525
Exoc3	QRPDQLDKVEQYRRR	38	-0.17	0.08	A0A1Y7
Aldoc	ESVGSMARLSQIGV	42	-0.17	0.15	P05063
Kmt2d	LVTEQQSKIQLDQ	3570	-0.17	0.31	A0A0A0
Glud1	AGVKINPKNYTDNEL	191	-0.17	0.12	P26443
Anks1b	SVSYKGVKFIDAANK	1114	-0.17	0.15	Q8BIZ1

Hnrnpa3	PGAHLTVKKIFVGGI	126	-0.17	0.44	A2AL12
Ywhaz	DKNELVQKAKLAEQA	9	-0.17	0.08	P63101
Atp5pb	IAQLEEVKQSSMKQI	139	-0.17	0.26	Q9CQQ7
Map11	KAVLSLDKIAKRECK	296	-0.18	0.24	A0A0G2
Ndufs2	SKETAHWKPPPWNDV	62	-0.18	0.12	D3YXT0
Dmxl2	GYEVDGGKLRFLYN	2063	-0.18	0.16	Q8BPN8
Cnrip1	FGQNRTIKLLTGSSY	39	-0.18	0.15	Q5M8N0
Nop58	STLPTCSKKRKEEEE	153	-0.18	0.10	A0A087
Fbl1	RDLVNVAKKRTNIIP	199	-0.18	0.21	Q80WS3
Ensa	KSSLVTSKLAGGQVE	114	-0.18	1.24	P60840
Trim34b	DLSGMLQKFRELSAV	288	-0.18	0.07	K7N6K2
Yars2	QEGLSAKRCTQALY	362	-0.18	0.33	Q8BYL4
Ckmt1	TRVISMEKGGNMKRV	276	-0.18	0.18	P30275
Mrps18c	YKDPAYLKDPRVCNI	132	-0.18	0.07	Q8R2L5
Tcof1	VAPVHTQKTGPSVKA	649	-0.18	0.27	F6R3V4
Ogdh	YCGDTEGKKVMSILL	397	-0.18	0.24	Z4YJV4
Ndufs1	KNIGPLVKTIMTRCI	170	-0.18	0.15	Q91VD9
Cic	VVVEVATKPAAYKVR	290	-0.19	0.14	Q924A2
Uqcrc2	SADVQAANKNLKAGY	375	-0.19	0.24	Q9DB77
Map2	GQVQIVTKKIDLSHV	1698	-0.19	0.38	P20357
Psd3	NSVQSASKVRVRTSG	12	-0.19	0.10	E9PUC5
Septin6	DEEMNAFKQRKAAAE	397	-0.19	0.09	Q9R1T4
Aldh1l2	ATYEGIQKKENAEVS	114	-0.19	0.35	D3Z6B9
Sdha	ESVMNLDKLRFADGS	498	-0.19	0.26	Q8K2B3
Cnp	LEELGNHKAFFKELR	216	-0.20	0.07	P16330
Pfkm	PITSEDIKNLVVKRL	280	-0.20	0.06	P47857
Pgk1	DCGTESSKKYAEAVG	322	-0.20	0.07	P09411
Mrgbp	PSSPSAAKRRRT___	200	-0.20	0.25	Q9DAT2
Slc7a6	PETMQLKKEISLLNG	43	-0.20	0.03	A0A1D5
Hspd1	EIIKRALKIPAMTIA	473	-0.20	0.14	P63038
Sptan1	LKSWVNEKMKTATDE	592	-0.20	0.08	A3KGU5
Idi1	KAASGEIKLTPWFKI	192	-0.20	0.31	P58044
Atp1a1	IPFNSTNKYQLSIHK	487	-0.20	0.08	Q8VDN2
Oxct1	KGVFDVDKKNGLTLI	480	-0.20	0.51	Q9D0K2
Trpv2	EYLRRTSKYLTDSAY	99	-0.20	0.40	Q9WTR1
Slc4a4	RFCGGLIKDIKRKAP	448	-0.20	0.36	E9Q8N8
Got2	KRVESQLKILIRPLY	309	-0.20	0.10	P05202
Sugct	KFKMSEAKPPPLLGGQ	397	-0.21	0.14	Q7TNE1
Uqcrb	WTKYEEDKFYLEPYL	88	-0.21	0.09	Q9CQB4
Eci2	LDFVNKAKWDAWNAL	77	-0.21	0.06	Q3TCD4
Dpysl2	VTPASSAKTSPAKQQ	520	-0.21	0.21	O08553
Atp5f1a	LDKLEPSKITKFENA	503	-0.22	0.13	Q03265
Pitrm1	LVTDPTEFKPCQMKTH	848	-0.22	0.32	Q8K411
Npm1	SAPGGGNKVPQKKVK	150	-0.22	0.32	Q5SQB0
Npm1	GGNKVPQKKVKLDED	154	-0.22	0.32	Q5SQB0

Ap2a1	LPLQEAQKIFKANHP	891	-0.22	0.15	P17426
Dnajc5	DNPEAADKFKEINNA	56	-0.22	0.13	P60904
Rab1A	ELDGKTIKLQIWDTA	61	-0.22	0.10	P62821
Hsp90aa1	REMLQQSKILKVIRK	408	-0.22	0.36	P07901
Ahsa1	____MAKWGECDPR	3	-0.22	0.07	Q8BK64
Sucla2	GTRVDDAKALIADSG	417	-0.23	0.33	Q9Z2I9
Pclo	AQPPVTAKPPAQAG	308	-0.23	0.43	Q9QYX7
Gstm6	RSQWLNDKFKLDLDF	16	-0.23	0.04	D3YVP8
Ahcyl2	HRLYQLSKAGKLCVP	267	-0.24	0.39	F8WGT1
Ran	VTSRVTYKNVPNWHR	99	-0.24	0.22	P62827
Tubb5	YNEATGGKYVPRAIL	58	-0.24	0.19	P99024
Idh2	IFQEIFDKHYKTDFD	272	-0.24	0.11	P54071
Slc1a3	AQDNEPEKPVADSET	534	-0.24	0.34	P56564
Sptbn2	RALCQPMKERCRLH	1478	-0.24	0.36	Q68FG2
Npm1	KLLGMSGKRSAPGGG	141	-0.24	0.26	Q5SQB0
Pfkm	FDRNFATKMGAKAMN	678	-0.24	0.39	P47857
Aifm3	VVFKDGFKLEYSKLL	287	-0.24	0.16	Q3TY86
Iba57	LLRSETIKGPLHIKT	330	-0.25	0.29	Q8CAK1
Dbnl	VTSSQPGKLRSPFLQ	288	-0.25	0.72	Q62418
Auh	RVAASSAKMGLVETK	179	-0.25	0.18	A0A0R4
Hspd1	SDVEVNEKKDRVTDA	417	-0.25	0.38	P63038
Lrprrc	QDAINILKEMKEKDV	771	-0.25	0.17	Q6PB66
Cct3	DDMISTLKKISTPVD	100	-0.25	0.18	E9Q133
Ldha	DSAYEVIKLGYSW	243	-0.25	0.16	P06151
Sptan1	KLSELNQKWEALKAK	871	-0.25	0.06	A3KGU5
Crebbp	SISRANKKKPSMPNV	1569	-0.25	0.16	A0A0U1
Sh3gl2	_MSVAGLKKQFHKAT	7	-0.25	0.33	Q62420
Me3	KVLDYAYKHNLASY	558	-0.26	0.09	Q8BMF3
Rexo2	IIDVSTVKELCRRWY	173	-0.26	0.22	Q9D8S4
Cox5b	LVPSISNKRIVGCIC	85	-0.26	0.32	P19536
Etfa	SCLVAGTKCDKVVDQ	59	-0.26	0.31	Q99LC5
Decr1	TAEISSKTGNKVHA	106	-0.27	0.31	Q9CQ62
Slc6a11	TVNDCEAKVKGDTI	610	-0.27	0.65	P31650
Ywhag	VISSIEQKTSADGNE	69	-0.27	0.83	P61982
Slc25a11	HALTSILKTEGLKGI	73	-0.27	0.17	Q9CR62
Mrs2	HSSVDRSKLHVLLQN	221	-0.27	0.18	Q5NCE8
Crebbp	SQGEPQSKSPQESRR	1725	-0.27	0.22	A0A0U1
Atp2b1	TNDGPALKKADVGA	806	-0.27	0.58	G5E829
Sptan1	SRIDALEKAGQKLID	633	-0.27	0.41	A3KGU5
Nono	GIVEFSGKPAARKAL	200	-0.28	0.42	Q99K48
Ncoa2	TDPASNTKLIAMKTV	780	-0.28	0.17	E9PV80
Cltc	CFACVDGKEFRLAQM	1268	-0.28	0.26	Q5SXR6
Mtmt1	GVISRVEKIGAQSHG	173	-0.28	1.08	F6T9H9
Mdh2	AEAIPELKASIKKGE	324	-0.28	0.17	P08249
Camk4	DSTDLLGKKMQEEDQ	370	-0.28	0.43	Q8BGR3

Etfa	KVVQDLCKVAGVAKV	69	-0.28	0.31	Q99LC5
Ogdhl	LIMREAKEYSGAELV	933	-0.29	0.10	B2RXT3
Fdxr	LLRTATEKPGVEEAA	290	-0.29	0.65	Q61578
Atp5mf	MASLVPLKEKKLMEV	8	-0.29	0.06	P56135
Iars2	KESLKTVKFIPGAAL	500	-0.29	0.23	Q8BIJ6
Atp5po	KYVDMSAKSKIQLS	199	-0.29	0.07	Q9DB20
Pdhx	AARNILEKHSLDASQ	194	-0.29	0.36	Q8BKZ9
Ywhae	ENKGGEDKLKMIREY	78	-0.29	0.46	P62259
Sptan1	PESAEDLKEKCTELN	1291	-0.29	0.74	A3KGU5
Smad4	RAIESLVKKLKEKKD	45	-0.29	0.08	P97471
Exoc4	AAEAAGGKYRSTVSK	9	-0.29	0.14	Q8C391
Oxct1	GSVAIASKPREVREF	185	-0.30	0.52	Q9D0K2
Sptbn1	TSESSPGKREKDEK	2343	-0.30	0.28	Q62261
Eno2	SEFYRDGKYDLDFKS	256	-0.30	0.06	P17183
Dlg4	AEKIIELIKGPKG	102	-0.30	0.07	A0A338
Sbf1	SYEGILYKKGAFMKP	1770	-0.30	0.15	Q6ZPE2
Cct5	GGRLEDTKLIKGVIV	223	-0.30	0.32	P80316
Crat	NHRNTWAKAYNNLIK	261	-0.30	0.50	P47934
Sdha	ELRLNMQKSMQNHAA	517	-0.30	0.13	Q8K2B3
Zranb2	AGGTEIGKTLAEKSR	54	-0.30	0.81	D3Z4U0
Hdhd2	ARNLIEQKQVRPMLL	86	-0.31	0.26	Q3UGR5
Cltc	AEELFARKFNALFAQ	371	-0.31	0.23	Q5SXR6
Otud4	SWNTVSGKKMKKPNS	341	-0.31	0.48	A0A0R4
Ndufs8	QESEVDMKSATDNAA	51	-0.31	0.30	Q8K3J1
Asl	_MASESGKLWGGRFV	7	-0.31	0.13	E0CY49
Acss2	PCPDVQGKLREKSKC	280	-0.31	1.05	A2AQN4
Hnrnpa1	PGAHLTVKKIFVGGI	105	-0.32	0.42	P49312
Atp5pb	SISVQQEKETIAKCI	233	-0.32	0.68	Q9CQQ7
Mapt	HVPGGGNKKIETHKL	661	-0.32	0.06	P10637
Dld	KNQVTATKADGSTQV	166	-0.32	0.13	O08749
Pygo1	DKEPIALKRVRGGDS	13	-0.32	0.87	Q9D0P5
Hnrnpa1	GGGQYFAKPRNQGGY	298	-0.32	0.19	P49312
Atp6v1e1	LVKAAVQKAIPMYKI	150	-0.32	0.41	P50518
Ap3d1	LLYGMVSKKNLMEIV	370	-0.32	0.41	O54774
Tars2	RADMFSLKPPGTDGV	303	-0.33	0.25	E9Q7H6
Srfbp1	KIAVFQGGKITFDD_	435	-0.33	0.45	Q9CZ91
Ctnn	YKTGFGGKFGVQSER	272	-0.33	0.18	Q60598
Atp5po	QILKLEIKTDPsimG	176	-0.33	0.15	Q9DB20
Gstk1	STQQVKNKLIENTDA	167	-0.33	0.24	Q9DCM2
Cs	NILLEQGKAKNPWPN	393	-0.33	0.57	Q9CZU6
Lap3	VVRARNGKTIQVDNT	356	-0.33	0.41	Q9CPY7
Hspa9	YDDPEVQKDTKNVPF	135	-0.33	0.32	P38647
Opa1	EQQADSFKATRFNLE	568	-0.34	0.22	P58281
Acat1	GLTDVYNKIHMGNCA	187	-0.34	0.10	Q8QZT1
Ndufa4	SVNVVDYSKLKKEGPD	41	-0.34	0.06	A0A0N4

Ckb	LRVISMQKGGNMKEV	242	-0.34	0.37	Q04447
Pura	VPYKVVAKFGHTFCK	265	-0.34	0.14	P42669
Pfkm	NVEHLVQKMKTTVKR	615	-0.34	0.14	P47857
Ndufa2	ECSEVQPKLWARYAF	64	-0.35	0.17	Q9CQ75
Ank3	PCVPVGMKKMTRTTA	2574	-0.35	0.25	S4R2K9
Sptan1	LALQRQGKLFGAAEV	250	-0.35	0.55	A3KGU5
Ccdc51	GLEAQQTKLKEVRDR	126	-0.35	0.46	Q3URS9
Ppa2	LNWFRLYKVPDGKPE	237	-0.35	0.40	Q91VM9
Fus	DRETGKLKGEATVSF	25	-0.35	0.17	G3UXT7
Map2	GILVPSEKKVAIIRT	1643	-0.35	0.98	P20357
Zfp638	AVDPKKSCLDSFSQV	1804	-0.35	0.53	A0A0N4
Ing4	DYDSSSSGKKKGRT	127	-0.35	0.34	Q8C0D7
Ing4	DSSSSGKKKGRTQK	129	-0.35	0.34	Q8C0D7
Ilk	PHVCKLMKICMNEDP	426	-0.36	0.35	O55222
Matr3	KLAEPYGKIKNYILM	522	-0.36	0.69	Q8K310
Aldh5a1	QGPLINEKAVEKVEK	375	-0.36	0.10	Q8BWF0
Brd8	PAPEMTVKQERLDFE	484	-0.36	0.24	D3YZC7
Rab3c	AKDNINVKQTFERLV	173	-0.36	0.66	P62823
Dusp15	DTPEVPIKKHFKECV	64	-0.36	0.12	Q8R4V2
Oxr1	KQAPQASKPPAPKTP	38	-0.36	0.44	Q4KMM3
Iars2	TKITDSYKQYDFGKV	775	-0.37	0.53	Q8BIJ6
Atp6v1g2	QQLLQAEKRAAEKVA	16	-0.37	0.19	Q9WTT4
Ppme1	GGSQSGAKMRMGPGR	30	-0.37	0.36	Q8BVQ5
Wdr5	_MATEEKKPETEAAR	7	-0.37	0.33	P61965
Me2	GSPFEPVKLQDGRVF	453	-0.37	0.23	Q99KE1
Ptma	EDDDVDTKKQKTEED	103	-0.37	0.41	P26350
Slc25a4	QALNFAFKDKYKQIF	92	-0.37	0.10	P48962
Aldh3a2	KRLQSLLKGQKIAFG	296	-0.37	0.57	P47740
Ckmt1	LRAGVHIKLPLLSKD	332	-0.37	0.28	P30275
Hint2	IAQAQGLKDGRLVV	128	-0.37	0.53	Q9D0S9
Pars2	TALVASQKLSYKQL	170	-0.38	0.17	Q8CFI5
Usp51	EDLGSSAKIKCSQCQ	518	-0.38	0.19	B1AY15
Ruvbl1	AKGTKQLKLDPSIFE	171	-0.38	0.20	P60122
Cltc	ELVAEVEKRNRLKLL	855	-0.38	0.27	Q5SXR6
Sucla2	SSQMIGQKLITKQTG	139	-0.38	0.41	Q9Z2I9
Rps20	MAFKDTGKTPVEPEV	8	-0.38	0.62	P60867
Sptan1	TNVQNLQKKHALLEA	718	-0.38	0.44	A3KGU5
Naxd	RGILESTKARDIPVV	152	-0.39	0.13	J3QN06
Sf3b1	TPTPGASKRKSrwDE	333	-0.39	0.69	G5E866
Smarcc2	QMLNFPEKGKEKPAD	595	-0.39	0.21	Q3UID0
Bcas1	PTTSANLKSDKANFT	205	-0.39	0.31	F7BNZ5
Pcx	LNLKELEKDLIDRHG	992	-0.40	0.47	G5E8R3
Map6	RSEGHEEKPLPPAQS	300	-0.40	0.48	Q7TSJ2
Cycs	KMIFAGIKKKGERAD	87	-0.40	0.70	P62897
Sncb	GVVAAAETKQGVTE	21	-0.40	0.06	Q91ZZ3

Afg3l2	QGDMVLEKPYSEATA	686	-0.40	0.47	Q8JZQ2
Hspa4l	DLPSLDEKPRNVVFI	194	-0.40	0.40	P48722
Atp5c1	MKMVAAAKYARAERE	31	-0.41	0.10	Q8C2Q8
Hnrnpa3	____MEVKPPPGRPQ	4	-0.41	0.58	A2AL12
Bcan	LETPSEEKSGRTVLA	590	-0.41	0.31	Q61361
Psmc7	GLKGLNSKLLDIRSY	204	-0.41	0.15	P26516
Alb	ILVRYTQKAPQVSTP	438	-0.41	0.39	P07724
Atp5f1e	DALKTEFKANAELTS	32	-0.41	0.87	P56382
Synj1	EKLHSILKPQVQKFL	352	-0.41	0.32	E9Q7S0
Fasn	DIMLATGKLSPDAIP	1573	-0.41	0.28	A0A0U1
Erh	ILLVQPTKRPEGRTY	12	-0.41	0.41	A0A1W2
Hnrnpr	TKGPDEAKIKALLER	25	-0.41	0.74	F7B5B5
Scai	DRPELVVKKLRYAR	177	-0.42	0.34	Q8C8N2
Clybl	EDGVAENKKNEARLR	80	-0.42	0.59	Q8R4N0
Glul	MREENGLKCIEEAID	268	-0.42	0.21	P15105
Hnrnpu	RAPQCLGKFIEIAAR	541	-0.42	0.76	Q8VEK3
Smc3	RRVIGAKKDQYFLDK	106	-0.42	0.15	Q9CW03
Srcin1	TSSPGSEKPSGSRYS	1227	-0.42	0.94	Q9QW16
Aco2	QLLEPFDKWDGKDLE	573	-0.42	0.17	Q99KI0
Acad12	RLGDDQLKVAKMELK	535	-0.42	0.54	D3Z7X0
Ppid	NVEVNGEKPAKLCVI	171	-0.43	0.31	Q9CR16
Lrprrc	QGIIDILKIMNKVGV	462	-0.43	0.30	Q6PB66
Fech	YYNEVGQKPTMKWST	141	-0.43	1.07	F6T2S0
Wbp11	TSSTKSGKFMNPTDQ	13	-0.43	0.55	Q923D5
Cltc	VRGQAGGKLHIEVG	231	-0.44	0.14	Q5SXR6
Hibch	VLESYHAKSKMDQDK	249	-0.44	0.24	Q8QZS1
Got1	LSDPELFKEWKGNVK	318	-0.44	0.15	P05201
Mdh2	KKGEDFVKNMK____	335	-0.44	1.21	P08249
Cnp	RLDCAQLKEKNQWQL	161	-0.44	1.33	P16330
Zfr	INFVGGNKLQSTGNK	509	-0.45	0.56	O88532
Ndufs7	GAGAVVPKLSHLPRS	62	-0.45	0.40	Q9DC70
Cs	LPKDPMFKLVAQLYK	375	-0.45	0.11	Q9CZU6
Sptbn1	YSTQSLVKKHKDVAE	784	-0.45	0.13	Q62261
Hmgn1	APAKVDAKPKKAAGK	35	-0.45	0.18	P18608
Dlat	LVRKELNKMLEGKGK	461	-0.45	0.45	Q8BMF4
Mrps18b	CPICRDHKLHVDFRG	97	-0.45	0.16	G3UYQ9
Cct6a	EKFTFIEKCNNPRSV	365	-0.45	0.17	P80317
Nefm	KSPVEEVKPKPEAKA	616	-0.45	0.38	P08553
Zc3h4	NTPGQSEKPSDPRVR	944	-0.45	0.38	A0A1B0
Fh	ELKVPTDKYYGAQTV	63	-0.45	0.43	P97807
Plcb1	GVHALQLKPVCVSDS	14	-0.45	0.10	Q9Z1B3
Hnrnpc	GSSSKSGKLKGDDLQ	188	-0.46	0.46	Q9Z204
Thumpd1	SPQPVAGKRKGKSQF	15	-0.46	0.75	Q99J36
Slc25a24	GCAKKILKHEGFGAF	334	-0.46	0.14	Q8BMD8
Gap43	DAAPSEEKAGSAETE	125	-0.46	0.69	P06837

Pck2	DVARVESKTVIVTPS	17	-0.46	0.83	A0A2I3
Hba-a1	GEDKSNIAAWGKIG	12	-0.47	0.49	Q91VB8
Arfgap1	SLNENVLKPAQEKGV	263	-0.47	0.43	V9GWW1
Akap8l	QDESSQAKRKLQASK	19	-0.47	0.68	A0A494
Sgf29	QRYVVACKEPKKK__	288	-0.48	0.60	Q9DA08
Ugp2	KLGSSTKVQDYLR	438	-0.48	0.39	Q91ZJ5
Znf512	AKGKRNVKQEEDEDY	109	-0.48	0.77	Q69Z99
Fh	KIASAIMKAADEVAE	119	-0.48	0.41	P97807
Prkar2a	ELALVTNKPRASAY	357	-0.48	0.22	A0A0A6
Crebbp	SHTHKMVKWGLGLDD	1707	-0.48	0.27	A0A0U1
Anks1b	LHDDPPQKPPRSITL	953	-0.48	0.65	Q8BIZ1
Ndufa5	TKTLDILKHFPKHAA	36	-0.49	0.30	Q9CPP6
Aldh5a1	ERSLLLRKWDLMIQ	114	-0.49	0.18	Q8BWF0
Atp6v1b2	SQPRLTYKTVSGVNG	48	-0.49	0.23	P62814
Hnrnpu	QKLEQYKEESKAL	646	-0.49	0.34	Q8VEK3
Acat1	AAQRLNVKPLARIAA	304	-0.49	0.63	Q8QZT1
Rai1	VPEGPIAKKEPVPRG	971	-0.49	0.33	Q61818
Crat	KAYNNLIKDKVNRES	268	-0.49	0.57	P47934
Aldoc	RCQYVTEKVLAAYYK	208	-0.49	0.32	P05063
Afg3l2	GAGGGGGKRRGKKED	116	-0.49	0.89	Q8JZQ2
Dcps	VVYPATEKHLQKYMR	137	-0.50	1.22	Q9DAR7
Ctnn	YVKGFGGKFGVQTDR	235	-0.50	0.18	Q60598
Idh2	FKLKKMWKSPNGTIR	133	-0.50	0.53	P54071
Myh10	ESEHKRKKLDAQVQE	1256	-0.50	0.14	Q61879
Aldh11l	FENGLWGKINARDRG	479	-0.50	0.26	Q8R0Y6
Atp1b1	ENIGYSEKDRFQGRF	289	-0.51	0.48	P14094
Gnb1	RQEAELKNQIRDAR	15	-0.51	0.61	P62874
Nipsnap1	ALMDCMNKLKNNKEY	141	-0.51	0.29	O55125
Hsdl2	ANIVIAAKTTQKHPK	42	-0.51	0.36	Q2TPA8
Mccc1	LRIAAGEKIPLSQEE	363	-0.51	0.18	Q99MR8
Ldhd	DSAYEVIKLGKYNW	244	-0.51	0.31	P16125
Gstk1	QAQHFLEKISTQQVK	158	-0.51	0.13	Q9DCM2
MIlt3	QDKKAPSKRPPASDS	284	-0.51	0.83	A2AM29
Sh3gl2	PNPASRAKLSMINTM	67	-0.51	0.12	Q62420
Ncoa2	NTKLIAMKTVKEEVS	785	-0.51	0.47	E9PV80
Idh3g	HNLPPSHKSRNNILR	129	-0.52	0.47	P70404
Sod1	RTMVVHEKQDDLGGK	123	-0.52	0.55	P08228
Ptms	AAAELSAKDLKEKDD	15	-0.52	0.68	Q9D0J8
Acads	AFGAPLTKLQNIQFK	306	-0.52	0.15	Q07417
Cul4b	TTPPTSARKRKLNSS	38	-0.52	0.83	J3QJX0
Rab1A	YASENVNKLVLGNKS	119	-0.52	0.24	P62821
Pdha1	VLGSAQKPPASRVLV	18	-0.52	0.63	P35486
Ncoa2	NTKLIAMKTVKEEVS	785	-0.52	0.52	E9PV80
Aldh11l	EVGKHIMKSCALSNV	660	-0.53	0.92	Q8R0Y6
Dld	GFGKITGKNQVTATK	159	-0.53	0.18	O08749

Clasp2	ELEETLNKIREILSD	100	-0.53	0.27	E9Q8N5
Mif	AQNRNYSKLLCGLLS	78	-0.53	0.31	P34884
Ctnnd2	TQGGSPTKLQRGGS	275	-0.53	1.24	B7ZNF6
Psmc1	TASAVAGKTPDASPE	310	-0.53	1.06	Q3TXS7
Dido1	____MDDKGHLSNEE	4	-0.53	0.20	Q8C9B9
Rab4b	NVGGKTVKLQIWDTA	58	-0.53	0.40	S4R232
Gpd2	RYKKRFHKFDEDEKG	634	-0.53	0.44	Q64521
H1-5	PVSELITKAVSASKE	46	-0.54	0.50	P43276
Plcb1	QEYYSEKYQKREHI	1028	-0.54	0.44	Q9Z1B3
Atp2b1	NRRIRNEKGEIEQER	747	-0.54	0.76	G5E829
Atp2b3	NRRIRNEKGEIEQER	744	-0.54	0.76	Q8C048
Fasn	LENLSTLKMKVLAG	1234	-0.54	0.27	A0A0U1
Pcnp	GPEEEAEKPVKTKTV	29	-0.55	0.73	Q3TM89
Ppp2r1a	VRRAAASKLGEFAKV	188	-0.55	1.86	Q76MZ3
H2bc4	KSAPAPKKGSKKAVT	13	-0.55	0.13	Q6ZWY9
H1-2	AAAPPAEKAPAKKKA	17	-0.55	1.42	P15864
H2bc4	__MPEPAKSAPAPKK	6	-0.55	0.94	Q6ZWY9
H2bc4	KSAPAPKKGSKKAVT	13	-0.55	0.94	Q6ZWY9
H2bc4	AKSAPAPKKGSKKAV	12	-0.55	0.94	Q6ZWY9
Camk2b	ITAHEALKHPWVCQR	268	-0.56	0.22	Q5SVI9
Atp1a2	QLNLPSGKFPRGFKF	561	-0.56	0.16	Q6PIE5
Nipsnap3b	EFRTYFLKPSKTNEF	45	-0.56	1.18	Q9CQE1
Atp5pb	EDLKLLAKKAQAQPI	248	-0.57	0.19	Q9CQ7
Dnm2	AAMLAERKFFLSHPA	257	-0.57	0.24	Q3T9X3
Cp	ANVGDKVKKVFNMA	815	-0.57	1.87	G3X9T8
Cp	DKVKVVFKNMATRPY	819	-0.57	1.87	G3X9T8
Map1b	DAYCSEEKELKASAE	1228	-0.57	1.09	P14873
Cltc	KYIQAACKTGQIKEV	741	-0.58	0.80	Q5SXR6
Wdr20	PIKKETSKLFNEERM	79	-0.58	0.65	A0A0A6
Mdh2	EKNLGIGKITPFEEK	307	-0.58	0.75	P08249
Gda	EESQKEKLAKWCF	53	-0.58	0.57	Q9R111
Oat	AMKSQVDKLTLSRA	107	-0.59	0.32	P29758
Coq6	LIGADGHKSGVRQAA	219	-0.59	0.59	D6RG57
Mthfd1l	VTDLNLGKLVRGDAP	188	-0.59	0.27	Q3V3R1
Safb	DAPLAVVKREPADAP	316	-0.59	0.29	D3YXK2
Brd8	PKRKRGEKGEVVETV	85	-0.59	0.38	D3YZC7
Grin2b	FCRSCPSKLHNYST	1221	-0.59	0.41	G3X9V4
Etfa	GNALCTVKCDEKVKV	158	-0.60	0.26	Q99LC5
H2bc3	KSAPAPKKGSKKAI	12	-0.60	1.27	Q64475
H2bc3	KSAPAPKKGSKKAIS	13	-0.60	1.27	Q64475
Vwa8	NIVKHLQKFPTEGLS	988	-0.60	0.22	Q8CC88
Pygb	RIHSEIVQSVFKDF	465	-0.60	0.17	Q8CI94
Tpm3-rs7	RLATALQKLEEAeka	76	-0.61	0.84	D3Z2H9
Lap3	RFAEIIKLNLSASS	221	-0.61	0.14	Q9CPY7
Zfp638	GSETVTQKDLKTMPE	1821	-0.61	0.24	A0A0N4

H2bc4	__MPEPAKSAPAPKK	6	-0.61	0.83	Q6ZWY9
H2bc4	AKSAPAPKKGSKKAV	12	-0.61	0.83	Q6ZWY9
Cand1	ADIDQEVKERAISCM	586	-0.61	0.22	Q6ZQ38
Stxbp1	MEDTIEDKLDTKHYP	493	-0.62	0.23	O08599
Ranbp3	SAGLPSQKPREQQRG	90	-0.62	0.46	Q9CT10
Slc25a23	KGLLDCAKRILEREG	322	-0.62	0.30	Q6GQS1
Acot11	VGDRLVLKAIVNNAF	286	-0.62	0.54	Q8VHQ9
Cox5b	PNCGTHYKLVPHQMA	120	-0.62	0.28	P19536
Slc32a1	VATSVSNKSQAKVSG	19	-0.62	0.61	O35633
Rpl27	SVDIPLDKTVVNKDV	93	-0.62	0.43	P61358
Aldh1b1	ADVDLAVKAAREAFR	83	-0.63	0.32	Q9CZS1
Abcb7	RQTGALSKAIDRGTR	251	-0.63	0.99	Q61102
Sptan1	RADQRKAKLGDSHDL	1314	-0.63	0.38	A3KGU5
Atp5f1a	GNIRSDGKISEQSDA	531	-0.63	0.14	Q03265
Rtn3	EGISSGGKLGKTFAP	707	-0.64	1.08	Q9ES97
Fahd2a	DWQMRNGKQWLLGKT	202	-0.64	0.49	A0A0R4
Adnp	SPGLAPVKRTYEQME	715	-0.64	0.60	Q9Z103
Grb2	ECDQNWYKAELNGKD	38	-0.64	0.44	Q60631
Mpc1	TFMRFAYKVQPRNW_	72	-0.64	0.79	D3Z786
Got2	GAFTVVCKDAEEAKR	296	-0.64	1.23	P05202
Smc1a	HGLQMRLKYSQSDLE	713	-0.64	0.74	Q9CU62
H1-3	AAPAPVEKTPVKKKA	17	-0.65	1.39	P43277
Acsf2	QVCPELEKAQPGALK	199	-0.65	0.42	Q8VCW8
Ncl	KKNITPAKVIPTPGK	102	-0.65	0.99	P09405
Ncl	KVIPTPGKKGAQAK	109	-0.65	0.99	P09405
Atp5f1b	EGLVRGQKVLDGAP	124	-0.65	0.17	P56480
Slc25a5	EGSKAFFKGAWSNVL	272	-0.65	0.23	P51881
Pkm	NILWLDYKNICKVVE	162	-0.65	0.77	P52480
Lap3	NISGPPLKAGKTRTF	79	-0.65	0.21	Q9CPY7
Asrgl1	QLALDYMKSCLKGLG	273	-0.65	0.38	Q8C0M9
Ethe1	HRDAQLIKELGLKLL	66	-0.65	0.35	Q9DCM0
Psat1	TVNIVHPKLGSYTKI	127	-0.66	0.18	Q99K85
Pgk1	GGAKVADKIQLINNM	220	-0.66	1.13	P09411
Rps18-ps6	MSLVIPEKFQHILRV	8	-0.66	0.30	F6YVP7
Oxsm	NEENFVSKSDAKSMS	109	-0.66	0.40	Q9D404
Eef1a1	LPLQDVYKIGGIGTV	255	-0.67	0.19	P10126
Pygb	LTDLSQLKKLLSLVD	520	-0.67	0.28	Q8CI94
Slc25a12	VAPEKAIKLTVNDFV	406	-0.67	0.11	Q8BH59
Acot9	TDPELRDKYVTVQNT	102	-0.68	1.77	Q9R0X4
Auh	NLLKMLSKAVDALKS	88	-0.68	1.21	A0A0R4
Smndc1	GTCGIADKPMQYQD	219	-0.68	0.32	Q8BGT7
Mbp	KRPSQRSKYLATAS	12	-0.68	0.51	A0A498
Arid1a	PPDGLPEKRITATMD	1903	-0.68	0.49	A2BH40
Phb2	YTAAVEAKQVAQQEA	200	-0.68	0.60	O35129
Got2	EFSVYMTKDGRISVA	404	-0.68	0.50	P05202

Acadsb	QKATYLPKLVTEKLG	165	-0.68	0.67	E9Q5L3
Cadps	PVPQEEVKTVIRKCL	836	-0.68	0.48	K4DI76
Gnao1	EDGISAAKDVKLLLL	32	-0.68	1.45	P18872
Atp5f1b	EGLVRGQKVLD SGAP	124	-0.68	0.25	P56480
Pacsin1	KAYHLACKEERLAMT	162	-0.69	0.34	Q61644
Pnpla8	EDKQLQDKPDLEERK	13	-0.69	0.62	A0A1W2
Naa50	FPVSYNDKFYKDVLE	34	-0.69	0.23	Q6PGB6
Hspe1	VSVKVGDKVLLPEYG	70	-0.69	0.16	Q64433
Brpf3	EQPQFPAKSKKPSSK	89	-0.69	1.46	A0A3B2
Mbp	NPVVHFFKNIVTPRT	89	-0.69	0.16	A0A498
Ywhah	VISSIEQKTMADGNE	69	-0.69	0.38	P68510
Ly6h	ASSCDFVKRHFSDY	80	-0.69	0.35	Q9WUC3
Prkacb	SHFSSDLKD LLRNLL	267	-0.70	0.63	P68181
Psmc4	VGSEFVQKYL GEGPR	207	-0.70	0.53	A0A140
Sptbn2	AAEEISEKLSQLQSR	1987	-0.70	0.19	Q68FG2
Ndufa10	KGD PHEMKVTSAYLQ	228	-0.70	0.24	Q99LC3
Homer1	QRDSL TQKLQEVEIR	302	-0.70	0.43	Q9Z2Y3
Sugct	YDEGAIEKLLCSGVI	423	-0.71	0.22	Q7TNE1
Cisd1	DMEDLGDKAVYCRCW	68	-0.71	0.37	Q91WS0
Prkca	KGAENFDKFFTRGQP	628	-0.71	1.14	Q4VA93
Myh10	NLEKKQKKFDQLLAE	1452	-0.71	0.36	Q61879
H2bc4	__MPEPAKSAPAPKK	6	-0.71	0.29	Q6ZWY9
Plaa	NPTQILGKLKELNGT	161	-0.72	0.53	F7D1R5
Acat1	KLEDLIVKDGLTDVY	178	-0.72	0.30	Q8QZT1
Acadsb	PETNILGKIGHGYKY	278	-0.72	0.13	E9Q5L3
Stxbp1	TMGEGPDKARSQLLI	225	-0.72	2.08	O08599
Rbbp4	___MADKEAAFDDA	4	-0.73	0.48	Q60972
Zc3h18	QGSFVAHKEIKLTLL	810	-0.73	0.30	Q0P678
Efh2	KQRKAAFKEQLSTFK	233	-0.73	0.52	Q8C845
Syngap1	LTVSAAQKPRPSSGN	1080	-0.73	0.77	F6SEU4
H1-5	GVSLPALKKALAAGG	63	-0.73	2.22	P43276
Bcat1	TTLPMFDKEELLKCI	134	-0.73	0.36	P24288
Sptbn1	GVNASAQKFATDGEG	593	-0.73	0.31	Q62261
Cct6a	___MAAVKTLNPKAE	5	-0.74	1.19	P80317
Fh	VLLPGLQKLHDALSA	210	-0.74	0.30	P97807
Cycs	ADLIAYLK KATNE__	100	-0.74	0.15	P62897
Etfa	LLPRVAAKLN VAPVS	126	-0.74	0.22	Q99LC5
Oxct1	CTLPLTGKQCVNR II	463	-0.74	1.44	Q9D0K2
Mdh2	NTFVAELKGLD PARV	185	-0.74	0.24	P08249
Clybl	VPGNDEKKIRKIPSL	56	-0.74	0.15	Q8R4N0
Eny2	MRAAINQKLIETGER	14	-0.74	0.62	A0A2I3
Khsrp	DFGFGGQKRQLEDGD	110	-0.75	0.23	A0A3B2
Pdhx	QEIADSVKVLSKKAR	394	-0.75	0.52	Q8BKZ9
Hacd3	PETLTNLKKG YLFMY	146	-0.75	0.45	Q8K2C9
Gapdh	DDIKKVVKQASEGPL	261	-0.76	0.77	P16858

Atp5pd	RLASLSEKPPAIDWA	48	-0.76	0.23	Q9DCX2
Grpel1	TLLEEKAKLEEQLRE	66	-0.76	1.20	Q99LP6
Ina	SSAGLSLKKEEEEE	447	-0.76	0.36	P46660
Ap2m1	GLKVRYLKVFEPKLN	403	-0.76	1.02	Q3TWW4
Ap2b1	AVWLPAVKAKGLEIS	719	-0.76	0.23	Q9DBG3
Mccc1	YDMQIDNKSFRVLGD	577	-0.76	0.69	Q99MR8
Map6	RNEGHEEKPLPPAQS	254	-0.76	1.15	Q7TSJ2
Ethe1	DFQQGCAKTLYHSVH	172	-0.77	0.24	Q9DCM0
Uqcrc2	GLGLAGAKAKYRGGE	250	-0.77	0.58	Q9DB77
Slc6a1	EAPVASDKPKTLVVK	26	-0.77	0.92	P31648
Atp5po	LSPNQILKLEIKTDP	172	-0.77	0.21	Q9DB20
Camk2d	MLTINPAKRITASEA	259	-0.77	0.55	Q8CCM0
Got2	GENNEVLKSGRFVTV	122	-0.78	1.74	P05202
Atp5pd	LRIQEYEQLEKMRN	117	-0.78	1.74	Q9DCX2
Rsl1d1	MQENITGKTPKSKSD	375	-0.79	0.55	Q8BVY0
Septin11	AKADTIAKNELHKFK	190	-0.79	1.21	A0A0J9
Dync1li1	SPIPAGSKKIDPNMK	428	-0.79	1.59	Q8R1Q8
Cct4	IVVRGSNKLVEEAE	395	-0.79	0.85	P80315
Gap43	KIEQDGVKPEDKAHK	26	-0.79	1.43	P06837
Wbp11	ATATISAKPQITNPK	565	-0.79	1.10	Q923D5
Gapdh	PASTGAAKAVGKVIP	213	-0.79	0.78	P16858
Mdh1	YPDVNHAKVKLQGKE	199	-0.79	0.27	P14152
Dpysl2	SAKTSPAKQQAPPVR	525	-0.79	1.11	O08553
Atp2b1	RDRDDIVKTVIEPMA	634	-0.80	0.28	G5E829
Ywhaz	VVSSIEQKTEGAEEK	68	-0.80	2.06	P63101
Atp5f1b	LDSGAPIKIPVGPET	133	-0.80	0.24	P56480
Atp5pd	ETKLDKKKYPYWPHQ	149	-0.80	0.45	Q9DCX2
Phb2	RAAQNISKTIATSQN	262	-0.81	0.73	O35129
Pafah1b2	PLRQKNAKVNLQKV	155	-0.81	0.22	A0A1L1
Idh3a	KDLGGNAKCSDFTEE	350	-0.81	1.21	Q9D6R2
Tpi1	GTMAPTRKFFVGGNW	56	-0.81	0.70	P17751
Atp5f1a	LGNAIDGKGPIGSKT	161	-0.81	1.30	Q03265
Ctnna1	ASYVASTKYQKSQGM	902	-0.81	0.40	P26231
Stip1	KNPVIAQKIQKLM DV	530	-0.82	0.79	Q60864
H4c1	VTYTEHAKRKVTAM	78	-0.82	0.79	P62806
Plec	RLDLQYAKLLNSSKA	748	-0.82	0.51	Q9QXS1
Tufm	LAEGGGAKFKKYEEI	88	-0.82	0.24	Q8BFR5
Fam210b	GSVTGTEKKLSRTQQ	79	-0.82	1.10	Q9D8B6
Hba-a1	NIKAAWKGKIGGHGAE	17	-0.82	0.33	Q91VB8
Hadha	RINSPNSKVNTLNKE	60	-0.83	1.01	Q8BMS1
H2bc4	LLPGELAKHAVSEGT	109	-0.83	0.42	Q6ZWY9
Lmnbl	EDVKVILKNSQGEEV	533	-0.83	1.50	P14733
Pgm1	TQAYPDQKPGTSGLR	16	-0.83	1.24	Q9D0F9
Add1	SDSIAYDKGEKLLRC	140	-0.83	0.97	F8WHZ9
Sptan1	DDEESWIKEKKLLVS	1766	-0.84	0.43	A3KGU5

Crebbp	SSISRANKKKPSMPN	1568	-0.84	0.58	A0A0U1
Phb2	MLGEALSKNPGYIKL	244	-0.84	0.68	O35129
Ep300	NHDHKMEKLGGLDD	1706	-0.84	0.48	B2RWS6
Scp2	NLQLQPGKAKL_____	544	-0.84	1.32	P32020
Hsd17b10	SEGEAQAKKLGESCI	52	-0.84	0.38	A2AFQ2
Rock2	SSPRTSMKIQQNQSI	1368	-0.85	1.68	F8VPK5
Uqcrc1	GSRYETEKNNAGYF	85	-0.85	0.29	Q9CZ13
Map6	KPSVQSSKPKKTSTS	512	-0.85	1.17	Q7TSJ2
Scamp5	_____MAEKVNNFPPL	4	-0.85	1.11	A0A1L1
Atp1a1	KYQLSIHKPNASEP	494	-0.85	0.37	Q8VDN2
Plp1	ATVTGGQKGRGSRGQ	122	-0.85	0.56	P60202
Gdap1l1	HDDVSYLKILGELA	231	-0.86	0.54	Q8VE33
Atp5pd	KIPVPEDKYTALVDQ	85	-0.86	0.27	Q9DCX2
Thop1	APQDLLEKIKSRQA	538	-0.86	0.56	A0A0R4
Kmt2a	SKESTAVKSPLEPAQ	444	-0.86	0.72	S4R2S5
Glud1	DKLVEDLKTRESEEQ	90	-0.86	0.41	P26443
Ogt	SDLGNLLKALGRLEE	168	-0.86	0.25	Q8CGY8
Idh1	RGLAHRAKLDNNTL	345	-0.86	0.44	O88844
Slc25a1	NTLDCGLKILKNEGP	265	-0.87	0.32	Q8JZU2
Atp2b2	RGTEAVVVIKETYGD	45	-0.87	0.27	Q3UHH0
Rab1A	GAEKSNVVIQSTPVK	191	-0.87	1.36	P62821
H1-4	GLKSLVSKGTLVQTK	90	-0.87	0.64	P43274
Glud1	PKELEDFKLQHGSIL	352	-0.87	0.17	P26443
Tppp	DVDIVFSKIKGKSCR	101	-0.87	0.61	Q7TQD2
Dbt	DQKGDVYKAQIMNVS	440	-0.87	0.70	P53395
H2ax	PKAPAVGKKASQASQ	134	-0.87	0.23	P27661
Dbt	TFPTPIAKPPVFTGK	243	-0.87	0.35	P53395
Synj1	SASSKVLKNCENFY	518	-0.88	0.54	E9Q7S0
Letm1	LSKTGEEKYIEESAA	596	-0.88	0.69	Q9Z2I0
Sdha	VDEYDYSKPIQGQK	608	-0.89	1.11	Q8K2B3
Aco2	GRSAAVAKQALAHGL	401	-0.89	1.44	Q99KI0
Pitrm1	PCRDPPFKMLNRSLS	125	-0.89	1.18	Q8K411
Mars2	DCDYYDEKVVKLLDS	383	-0.89	0.60	Q499X9
Pdpr	HRFQAKAKLYPVTSF	853	-0.89	0.48	Q7TSQ8
Atp5pb	WVEKHVVKSISVQQE	225	-0.89	1.28	Q9CQQ7
Cwc22	PKVIVAQKPEAEQKK	657	-0.89	1.24	B1AYU4
Hibadh	ELAKEVEKMGAVFMD	148	-0.90	0.22	Q99L13
Iars2	PQTSFPMKLLGRQQS	74	-0.90	0.57	Q8BIJ6
Bpnt1	SATDLQTKADRLVQM	49	-0.90	1.33	Q9Z0S1
Prkcg	GLSDPYVKLKLIPDP	197	-0.91	0.62	P63318
Sat2	LAVLDWNKKAVNLYK	134	-0.91	0.25	Q6P8J2
Slc25a3	EAVPKMYKEEGLNAF	204	-0.91	0.88	Q8VEM8
Arhgap23	YKQILTKKGKAGGG	194	-0.91	0.17	D6RDB5
Stmn1	ASSDIQVKELEKRAS	9	-0.91	0.93	D3Z5N2
Pgam5	HVDGSLEKDRTLTP	79	-0.91	1.33	A0A0G2

Slc25a5	RLAADVGKAGAEREF	147	-0.92	0.80	P51881
Pusl1	NFLEEAAKRLNSVDP	49	-0.92	0.72	A2ADA5
Gda	ETTEESVKETERFVS	189	-0.92	1.14	Q9R111
Csnk2a1	ITLADIVKDPVSRTP	102	-0.92	0.69	Q60737
Pcca	DAIMEAIKKTRAQAV	128	-0.92	0.35	Q91ZA3
Cox4i1	TMLSASQKALKEKEK	60	-0.92	0.48	P19783
Glud1	GASIVEDKLVEDLKT	84	-0.93	0.47	P26443
Pdhx	SAPPPVSKPPAPTQP	155	-0.93	0.31	Q8BKZ9
Pja2	RHAYVSFKPCMRHE	46	-0.93	0.66	Q80U04
H1-1	ESKAITTKVSVKAKA	121	-0.93	1.90	P43275
Slc25a4	GLGDCLTKIFKSDGL	163	-0.93	0.23	P48962
Atp5pb	SFGEFIDKLNEEKIA	126	-0.93	0.48	Q9CQQ7
Prr11	KSQIDLRKLLRKVQV	305	-0.94	0.20	Q8BHE0
Hadha	ANLRLPAKPEVSSDE	664	-0.94	1.56	Q8BMS1
Gnao1	EYGDKERKTDKSMVC	101	-0.94	0.48	P18872
Rbm26	DRLGFVSKPSVSATE	683	-0.95	1.20	E9Q640
Wdr1	IAWTEDSKRIAVVGE	115	-0.95	0.29	O88342
H2bc3	_MPEPSKSAPAPKK	6	-0.95	1.79	Q64475
H2bc3	KSAPAPKKGSKKAI	12	-0.95	1.79	Q64475
H2bc3	KSAPAPKKGSKKAIS	13	-0.95	1.79	Q64475
Slc1a2	EDNLGIDKRVTFRVL	382	-0.95	0.58	P43006
Iars2	FVNITDIKAAAKESL	489	-0.96	0.39	Q8BIJ6
Ppa2	FHDIDDVKKFKPGYL	219	-0.96	0.34	Q91VM9
Mllt3	IVPKMAFKEPKMSK	254	-0.96	1.49	A2AM29
Prkcb	GLSDPYVKLKLIPDP	197	-0.96	2.39	P68404
Hk1	RIMHQTVELSPKCT	879	-0.96	0.57	G3UVV4
Hint2	GHLLLVAKKIAQAQG	119	-0.96	0.41	Q9D0S9
Msra	HTRNPTYKEVCSEKT	40	-0.96	1.95	A0A1B0
Atp5pd	QEEKEDVKSCEFVS	99	-0.97	1.62	Q9DCX2
Gstk1	ENTDAACKYGAFGLP	177	-0.97	0.53	Q9DCM2
Camk2a	ITAAEALKHPWISHR	267	-0.97	0.47	P11798
Sdhb	DPDKTGDKPRMQTYE	57	-0.97	0.63	Q9CQA3
Anxa6	PPAHYDAKQLKKAME	442	-0.97	0.41	F8WIT2
Atp5f1a	GVRGYLDKLEPSKIT	498	-0.97	1.94	Q03265
Glud1	RISGASEKDIVHSGL	503	-0.98	0.40	P26443
Cend1	APGPAATKKTAKAD	61	-0.98	1.29	Q9JKC6
Cisd3	PYCDGTHKSEQVQKA	102	-0.98	0.98	Z4YKM2
Hbb-bs	VHLTDAEKAAVSGLW	9	-0.99	0.35	A8DUK4
Dlat	GIDLTQVKGTPGEGR	371	-0.99	0.99	Q8BMF4
Syt1	RYVPTAGKLTVVILE	288	-0.99	1.23	P46096
Mef2a	TGANSLGKVMPTKSP	247	-1.00	0.64	Q60929
Atp5po	SAASKEKKLDQVEKE	54	-1.00	0.26	Q9DB20
Rps8	DERKKNAKISSLLEE	157	-1.00	0.60	P62242
Acat1	YKRVDFSKVPKLKTV	260	-1.00	0.42	Q8QZT1
Nefl	AEDATNEKQALQGER	157	-1.00	0.59	P08551

Vcp	YIPLPDEKSRVAILK	651	-1.01	0.65	Q01853
Ak3	LIQREDDKPETVIKR	165	-1.01	0.46	Q9WTP7
Hspa9	ETKMEEFKDQLPADE	600	-1.01	1.11	P38647
Hmgcll1	RDGLQNEKIVVPTDI	63	-1.02	1.34	V9GXD2
Abat	PDEAIRNKLILIARN	452	-1.02	0.90	P61922
Hadhb	RALAMGYKPKAYLRD	333	-1.02	0.42	Q99JY0
Hdgf	AHEGDGDKKGSAGS	125	-1.02	1.30	P51859
Hnrnpd	SPDTPEEKIREYFGG	107	-1.02	0.46	F6ZV59
Ywhaz	EVAAGDDKKGIVDQS	138	-1.02	0.35	P63101
Hmgcs2	GTETIIDKSKSVKSN	100	-1.03	0.68	P54869
Ndufv2	DFTPENYKRIEIVK	60	-1.03	0.37	Q9D6J6
Aqp4	ETEDLILKPGVVHVI	61	-1.03	0.33	A0A3Q4
H2-Ke6	QTNYASSKAGVIGLT	178	-1.03	0.83	G3UX44
Ywhab	QEAFEISKKEMQPTH	159	-1.03	0.36	Q9CQV8
Sptan1	ALEKAGQKLIDVNHY	637	-1.03	0.76	A3KGU5
Mtpap	NQSPSSKKLFELLS	177	-1.04	0.86	Q9D0D3
Tubb4b	FRGRMSMKEVDEQML	324	-1.04	0.87	P68372
Pura	RKYMDLKENQRGRF	159	-1.04	0.93	P42669
Suc1g1	QALEYGTKLVGGTTP	81	-1.04	0.74	Q9WUM5
Pgam1	GGLTGLNKAETAAKH	100	-1.04	1.45	Q9DBJ1
Inpp4b	IYEETRIKLTVDVK	111	-1.04	0.30	Q3URI3
Atp1a2	IISSHGCKVDNSSLT	210	-1.04	0.80	Q6PIE5
Aifm1	DVRGNMVKLNDGSQI	239	-1.04	0.54	B1AU25
Bphl	KDAVDLMKALQFKQV	126	-1.05	0.49	Q8R164
H3f3a	TGGKAPRKQLATKAA	19	-1.05	0.44	E0CZ27
H3f3a	PRKQLATKAARKSAP	24	-1.05	0.44	E0CZ27
Map1b	ATKPVASKSVRKESK	555	-1.05	1.55	P14873
Hba-a1	SHGSAQVKGHGKKVA	57	-1.05	0.70	Q91VB8
Vdac1	GYGFGLIKLDLTKTS	41	-1.05	0.47	Q60932
Sdha	KPIQGQKKPFGEHW	615	-1.05	0.95	Q8K2B3
Slc25a12	VVGELMYKNSFDCFK	370	-1.05	0.79	Q8BH59
Hnrnpk	AGGIIGVKGAKIKEL	163	-1.06	1.60	P61979
Epc1	AANCQVSKVPSSSSV	778	-1.06	0.63	Q8C9X6
Dynl12	MEKYNIEKDIAAYIK	36	-1.06	0.60	Q9D0M5
Tst	GGFRNWLKEGHPVTS	136	-1.06	1.22	P52196
Nefl	KSIRTQEKAQLQDLN	91	-1.06	0.64	P08551
Rars2	SVLANGMKLLGITPV	568	-1.06	0.34	Q3U186
Tfip11	HTKGIGQKLLQKMGY	156	-1.06	0.52	Q9ERA6
Acat1	IEKAGIPKEEVKEYY	80	-1.06	0.14	Q8QZT1
Serbp1	TNSNAAGKQLRKESQ	68	-1.06	0.62	A0A0N4
Gap43	KAHKAATKIQASFRG	37	-1.07	1.94	P06837
Tpm3-rs7	TTTIEAVKRKIQLVQ	11	-1.07	0.36	D3Z2H9
Mapt	FKDRVQSKIGSLDNI	645	-1.08	0.50	P10637
Acly	IPMEFVNKMKKEGKL	962	-1.08	0.61	Q3V117
Atp2b4	EKSVLQGKLTRLAVQ	356	-1.08	0.52	F7AAP4

Sumo2	___MADEKPKEGVKT	5	-1.09	0.50	H7BWX9
Got2	IAAKNLDKEYLPIGG	94	-1.09	0.82	P05202
Ncam1	SIKVNLIKQDDGGSP	624	-1.09	1.17	P13595
Atp5md	QFQFTGIKKYFNSYT	16	-1.11	1.55	Q78IK2
Cask	TGQQFAVKIVDVAKF	41	-1.11	2.33	B1AUH5
Stx1a	EELMSDIKKTANKVR	83	-1.11	0.33	O35526
Rai1	PPDKLGGKQRAAFKS	1070	-1.12	0.52	Q61818
Amph	EEYVQNFKRQEAEGT	47	-1.12	0.55	Q7TQF7
Sucla2	VPKGFVAKSSDEAYA	78	-1.13	1.56	Q9Z2I9
Tufm	RRGLVMVKPGSIQPH	342	-1.13	1.37	Q8BFR5
Mrps18a	VVKIQEGKTTVIEGR	45	-1.13	1.66	D3Z603
Hmgn2	RSARLSAKPAPPKPE	31	-1.13	0.86	P09602
H2bc4	EGTKAVTKYTSSK___	121	-1.13	0.50	Q6ZWY9
Uqcrb	KWLDGFRKWYYNAAG	19	-1.13	1.04	Q9CQB4
Syt1	GKEDAFSKLKQKFMN	41	-1.14	1.26	P46096
Arhgap22	PAATSPGKKMHTLPV	262	-1.14	1.86	D3Z1Y5
Ndufab1	YVLKLYDKIDPEKLS	63	-1.15	0.71	F6ZFT1
Pdhx	CDLGAVLKVRRDLVK	314	-1.15	0.63	Q8BKZ9
Atp5po	YSAASKEKKLDQVEK	53	-1.15	0.28	Q9DB20
Hspd1	KDDAMLLKGKGDKAH	359	-1.15	0.28	P63038
Gpi	KELQAAGKSPEDLEK	454	-1.16	1.21	P06745
Ctnnd2	PSIDSIQKDPREFGW	536	-1.16	1.20	B7ZNF6
Usp27	EHLGSSAKIKCGSCQ	281	-1.16	0.55	Q8CEG8
Rpl18a	VEEIAAGKCRPAVK	107	-1.16	0.97	A0A1D5
Slc30a9	ATDLGLGKVRFKAEV	466	-1.16	0.61	F8WHL1
Kmt2c	AKIEATQKLEQVKNE	1687	-1.16	0.83	G3UZC8
Ing4	FEADLKEKQIESSDY	114	-1.17	0.62	Q8C0D7
Echdc1	GGSIDLLKKQNGIGI	74	-1.17	0.91	Q9D9V3
Sfpq	GIVEFASKPAARKAF	413	-1.18	0.42	Q8VIJ6
Auh	YGKNALSKNLLKMLS	80	-1.18	0.97	A0A0R4
Afg3l2	FIGPPDIKGRASIFK	480	-1.18	1.12	Q8JZQ2
Hmgcs2	PFCKMVQKSLARLMF	310	-1.18	0.89	P54869
Rbm26	AALKAAQKTLVSTP	714	-1.18	0.87	E9Q640
Nipsnap3b	NEFLENFKNSVHLRT	57	-1.18	0.39	Q9CQE1
Dpysl4	ARASCSGKISVPPVR	525	-1.18	1.14	Q3TMU8
Ncl	KKNITPAKVIPTPGK	102	-1.18	1.08	P09405
Ncl	KKGAAQAKALVPTPG	116	-1.18	1.43	P09405
Atp2b2	IVLKKCKILSGAGE	592	-1.18	1.77	Q3UHH0
Hadh	ESLVDFCKTLGKHPV	202	-1.19	0.95	Q61425
Hsph1	DLPNAEEKPRVVVFV	153	-1.19	0.81	E9Q0U7
Acadsb	QLTFENVKVPETNIL	269	-1.19	0.56	E9Q5L3
Ctnn	YAKFGGGKYGVQKDR	309	-1.20	0.38	Q60598
Mlycd	LSSGEWVKSEKLTQA	385	-1.20	0.35	Q99J39
Fubp1	RARQIAAKIGGDAGT	40	-1.21	0.94	A0A0G2
Hadh	KTPMTSQKTFESLVD	192	-1.21	0.78	Q61425

Gnao1	LGVEYGDKERKTDSK	98	-1.21	1.10	P18872
Hdhd3	RLLTWDVKDTLIKLR	15	-1.22	0.32	Q9CYW4
Bsn	APSAEWSKPPRSSSS	761	-1.22	0.32	O88737
Map2	NQPLPDLKNVSKIG	1672	-1.22	0.34	P20357
Nucks1	TVTPSPVKGKAKVGR	183	-1.22	0.39	A0A087
C1qbp	EVTKTGKKTLLVDC	176	-1.23	0.32	Q8R5L1
Napb	EQSADYYKGESNSS	153	-1.23	0.89	P28663
Tgm2	VPAGDLVKARVDLFP	648	-1.23	1.00	P21981
Naa50	DVTPHNIKQLKRLNQ	17	-1.24	0.82	Q6PGB6
Slc25a24	LFQRIVSKEGVSGLY	435	-1.24	0.56	Q8BMD8
Aldoc	AATEEFIKRAEMNGL	330	-1.24	0.60	P05063
Sars2	IRSLEAEKEAVAEAV	110	-1.24	0.68	Q9JJL8
Cenpv	VGPQPSAKPRPKPPP	56	-1.25	1.33	Q9CXS4
Hnrnpa1	_____MSKSESPKEP	3	-1.25	0.88	P49312
Map2k1	KLIHLEIKPAIRNQI	104	-1.26	0.72	P31938
Rnf216	LSPETSGKRKKRKEM	413	-1.26	1.33	P58283
Atp5pd	ALVDQEEKEDVKSCA	95	-1.26	0.59	Q9DCX2
Arpc3	FFKNYEIKNEADRTL	61	-1.27	0.75	Q9JM76
Atp5pb	QDAIDMEKAQQALVQ	154	-1.27	0.84	Q9CQQ7
Hspa8	EKALRDAKLDKSQIH	325	-1.27	0.70	P63017
Pdhx	RAAAVTLKQMPGVNV	341	-1.28	0.36	Q8BKZ9
Septin7	QFKKQIMKEIQEHKI	213	-1.28	1.96	E9Q1G8
Zc2hc1a	PQPSTTSKTIVGVPT	197	-1.28	1.61	Q8BJH1
Arpc2	HGADELLKRVYGSFL	77	-1.29	0.65	Q9CVB6
Slc25a4	DCLTKIFKSDGLKGL	166	-1.29	1.76	P48962
Wdr1	FFEGPPFKFKFTIGD	180	-1.29	0.47	O88342
Aco2	ETDFTLGKDGKKFKL	517	-1.29	1.28	Q99KI0
Tamm41	LYESILQKDPQVVYK	100	-1.30	0.96	G3UYJ1
Hnrnp1	ENYDDPHKTPASPVV	86	-1.30	0.36	G5E924
Ndufs1	EPMVRNEKGLTYTS	311	-1.30	0.50	Q91VD9
Trim33	CSFSGAVKQEKTEDG	806	-1.30	0.94	E9QME5
Afdn	QGQDVSDKVKASRKL	363	-1.30	0.58	F7C3I9
Hibch	PFAIEQMKVINKMSP	296	-1.31	1.50	Q8QZS1
Fasn	KQEGVFAKEVRTGGL	673	-1.31	1.20	A0A0U1
Arhgap23	ILTKKGKKAGGGLRQ	197	-1.31	0.24	D6RDB5
Gls	YVHRYVGKEPSGLRF	316	-1.31	1.74	D3Z7P3
Naxd	DLKGSTLKLSQLGN	213	-1.32	0.89	J3QN06
Ube2n	CLDILKDKWSPALQI	94	-1.32	0.46	P61089
Gatd3a	STFAVDGKDCKVNKE	149	-1.33	0.98	Q9D172
Tubb2b	YNEATGNKYVPRAIL	58	-1.33	1.17	Q9CWF2
Hbb-b1	LSELHCDKLHVDPEN	96	-1.33	0.57	P02088
Iars2	GLVYRSYKPYWSPS	241	-1.34	1.11	Q8BIJ6
Ing4	DSSSSKGKKKGRTQK	129	-1.34	0.64	Q8C0D7
Tceal3	VRGENEGKLEKEGKP	11	-1.34	1.29	A2AEC2
Atp5pd	KIPVPEDKYTALVDQ	85	-1.34	0.52	Q9DCX2

Ina	AARTNEYKIIRTNEK	88	-1.35	0.50	P46660
Atp5pd	PETKLDKKKYPYWPH	148	-1.35	0.81	Q9DCX2
Stxbp1	IEDKLDTKHYPYIST	497	-1.35	1.70	O08599
Ank2	TLEPRRRKFHKPITM	1228	-1.35	0.50	S4R2F3
Dbi	LDLKGKAKWDSWNKL	55	-1.36	0.25	P31786
Atp5f1b	DLLAPYAKGGKIGLF	198	-1.36	0.61	P56480
Ing4	DYDSSSSKGGKKGRT	127	-1.36	0.67	Q8C0D7
Rrp9	GAAPVAGKRRRKVDS	25	-1.37	1.02	Q91WM3
Fasn	DQYKPKAKYHGNVTL	2429	-1.37	1.15	A0A0U1
Mdh2	KITPFEEKMIAEAIP	314	-1.37	0.76	P08249
Hspa4	RSIGAAAKSQVISNA	53	-1.37	0.51	Q61316
Hnrnpc	MASNVTNKTDPRSMN	8	-1.38	0.61	Q9Z204
Lmna	AQLSQLQKQLAAKEA	311	-1.38	0.56	P48678
Ywhah	AEVASGEKKNSVVEA	142	-1.38	0.72	P68510
Ube2n	RICLDILKDKWSPAL	92	-1.38	0.44	P61089
Arhgap23	QILTKKGKKAGGGLR	196	-1.39	0.25	D6RDB5
Ldha	EQWKEVHKQVVD SAY	232	-1.39	0.45	P06151
Sae1	GPEAKRAKLDSETT	202	-1.39	0.53	Q9R1T2
Sptbn1	HKFYHDAKEIFGRIQ	1815	-1.39	1.03	Q62261
Synrg	HPPAAATKYDVFKQL	735	-1.41	0.62	V9GXD9
Eef2	YFDPANGKFSKSANS	272	-1.42	0.41	P58252
Fscn1	SGPSGTLKAGKATKV	241	-1.42	0.69	Q61553
Brd1	PSSPCSIKHSPTRET	23	-1.42	1.02	G5E8P1
Gnaz	TTGIVENKFTFKELT	189	-1.43	1.38	O70443
Sptbn2	ALARVQHKKQQLPDG	1820	-1.44	0.57	Q68FG2
Napg	___MAAQKINEGLEH	5	-1.45	0.63	Q9CWZ7
Cfl1	YDATYETKESKKEDL	92	-1.45	0.74	P18760
Npm1	KVPQKKVKLDEDED	157	-1.46	0.46	Q5SQB0
Mdh2	VIGGHAGKTIPLIS	203	-1.46	0.30	P08249
Pi4ka	YISQESDKDAHLIPD	610	-1.47	0.58	E9Q3L2
Vcp	KSRVAILKANLRKSP	658	-1.47	0.47	Q01853
Nup98	PTNPAAQKALTTPH	525	-1.47	1.99	A0A1B0
Suc1g1	TPGKGGQKHLGLPVF	94	-1.47	1.10	Q9WUM5
Pdha1	LASVEELKEIDVEVR	336	-1.48	0.57	P35486
Crebbp	SQGEPOSKSPQESRR	1725	-1.48	0.59	A0A0U1
Tubb3	YNEASSHKYVPRAIL	58	-1.48	0.22	Q9ERD7
Septin6	AKSDAISKSELAKEK	191	-1.48	0.66	Q9R1T4
Khsrp	LQERAGVKMILIQDG	267	-1.48	0.91	A0A3B2
Aco2	ADPSDYNKIHPVDKL	717	-1.49	1.01	Q99KI0
Pdhb	DNSVPQVKDIIFAVK	347	-1.50	0.53	Q9D051
Ldhb	LTSVINQKLKDDEVA	308	-1.51	0.55	P16125
Uqcrb	FYLEPYLKEVIRERK	96	-1.51	0.47	Q9CQB4
Dhrs1	EQVDREQKGRLDVLV	83	-1.51	0.47	Q99L04
Rras2	TYMEASAKIRMNVDQ	159	-1.52	0.93	P62071
Pgam1	EEIVPQIKEGKRVLI	176	-1.52	0.63	Q9DBJ1

Rai1	TTPTPPDKLGGKQRA	1066	-1.52	0.79	Q61818
Atp5f1a	AAQTRAMKQVAGTMK	427	-1.53	1.51	Q03265
Gstm7	LYSEFLGKRPWFAGD	144	-1.55	1.06	D3YVP6
Atp5pb	QEKETIAKCIEDLKL	238	-1.55	0.33	Q9CQQ7
Tpr	SLQERNQKLTTATQK	748	-1.56	0.56	Q7M739
Tppp	KPAKAANKTPPKSPG	14	-1.56	0.89	Q7TQD2
Ndufa6	DLLVIKGMELQETI	90	-1.56	1.26	Q9CQZ5
Dync1h1	DGDSFRMKLNTQEIF	690	-1.56	1.11	Q9JHU4
Aftph	LGMLEPTKEPLKPLS	605	-1.58	0.26	H3BKM5
Tppp	SGYVPGYKHAGTYDQ	205	-1.58	0.72	Q7TQD2
Uqcrcq	AFPSYFSKGIPNVL	33	-1.58	0.50	Q9CQ69
Pkd1	MCRSCLKMLQKLEG	345	-1.58	0.37	A0A2I3
Ckb	TQIETLFKSKNYEFM	265	-1.59	0.64	Q04447
Slc8a2	SEGTLVFKPGETQKD	454	-1.59	0.86	Q8K596
Uchl1	DRAKCFEKNEAIQAA	135	-1.59	0.68	Q9R0P9
Echs1	EAIQCAEKIASNSKI	228	-1.60	0.56	Q8BH95
Ep300	EPGPPSAKRPKLSSP	14	-1.60	1.36	B2RWS6
Kmt2d	IVGLPASKLGGPTLG	2713	-1.62	0.82	A0A0A0
Aldh5a1	YDLMIQNKDDLAKII	123	-1.62	0.82	Q8BWF0
Tcof1	VVHLLSGKSPKSAE	153	-1.63	0.64	F6R3V4
Ckb	LRAGVHIKPLHLGKH	298	-1.64	0.55	Q04447
Gstm1	LYSEFLGKRPWFAGD	144	-1.64	1.08	P10649
Mbp	HYGSLPQKSQHGRTO	72	-1.64	2.01	A0A498
Pkm	LDYKNICKVVEVGSK	166	-1.65	1.15	P52480
H2bc3	PAPKKGSKKAISKAQ	16	-1.67	0.89	Q64475
H2bc3	APKKGSKKAISKAQK	17	-1.67	0.89	Q64475
H2bc3	GSKKAISKAQKKDGK	21	-1.67	0.89	Q64475
Arpc1a	YIKEVDEKPASTPWG	179	-1.68	0.96	Q9R0Q6
Pkm	KNIKIISKIENHEGV	270	-1.68	0.71	P52480
Dpysl2	LIVPGGVKTIEAHSR	56	-1.69	1.18	O08553
Mdh2	PELKASIKKGEDFVK	328	-1.70	0.47	P08249
Atp5f1e	KTSGSSIKIVKVSCK	44	-1.70	0.98	P56382
Tmsb15l	____MSDKPDLSEVE	4	-1.70	0.86	Q8C0W0
Idh3b	TKSQRIAKFAFDYAT	198	-1.70	0.38	Q91VA7
Prdx6	NGETPTEKLPFPIID	97	-1.72	1.80	Q6GT24
Syn1	QRQGPPQKPPGPAGP	593	-1.72	1.48	O88935
Mdh1	GVTADDVKNVWGN	179	-1.72	0.84	P14152
Cox6b1	KTKIKNYKTAPFDSR	13	-1.73	0.67	P56391
Nfs1	PLDVNDMKIDLMSIS	250	-1.73	0.53	Q9Z1J3
Got2	AEAQIAAKNLDKEYL	90	-1.75	1.38	P05202
Cnp	TKFCDYGKAAGAEY	260	-1.75	0.54	P16330
Uqcrc2	TKGASSFKITRGIEA	98	-1.75	0.47	Q9DB77
Cpt2	VWAE LRQKLIHGGNE	305	-1.76	0.44	P52825
Meaf6	DGSVQGVKPKQAASS	107	-1.77	0.49	V9GXH6
Pcx	QLRSILVKDTQAMKE	1090	-1.77	1.06	G5E8R3

Asap2	LKAVESLKPSIETLS	242	-1.78	0.78	D3YX85
Hspa9	ETGVDLTNDMALQR	300	-1.80	1.89	P38647
Dld	FKFKLNTKVTGATKK	277	-1.81	1.09	O08749
Sod2	KYHEALAKGDVTTQV	75	-1.82	1.84	A0A3B2
Atxn7l2	LPKDSPGKVPTAPSP	121	-1.82	1.13	B7ZCC4
Pcca	YGFLSENKEFAKRLA	146	-1.85	0.61	Q91ZA3
Tceal5	SEARAAEKRPADYV	98	-1.86	0.24	Q8CCT4
Fasn	LNSLAEEKLQASVRC	1743	-1.86	1.22	A0A0U1
Mdh1	VIKNKTWKFVEGLPI	298	-1.87	1.16	P14152
Arpc1a	RVFSAYIKEVDEKPA	174	-1.87	1.10	Q9R0Q6
Acadvl	ATQAVLDKPETLSSD	52	-1.88	0.62	P50544
Ogdh	LLLKEAQKYPNAELA	943	-1.89	1.18	Z4YJV4
Clybl	IRKIPSLKVDCAVLD	64	-1.90	0.93	Q8R4N0
Pitrm1	PAQPHWDKPREFHIT	305	-1.91	0.89	Q8K411
Hspe1	TKVVLDDKDYFLFRD	86	-1.91	0.78	Q64433
Mdh1	KANVKIFKSQGTAL	110	-1.92	0.61	P14152
Hsd17b10	GLGLATAKRLVGQGA	28	-1.92	1.27	A2AFQ2
Ndufb6	ELRRRWLKDQELSPR	24	-1.93	1.04	A2AP32
Uqcrb	SAVSASSKWLDGFRK	12	-1.96	0.52	Q9CQB4
Capzb	SLTRQMEKDETVSDC	199	-1.97	1.12	P47757
Acat1	GKPDVVVKEDEEYKR	248	-1.98	0.57	Q8QZT1
H2ac20	RNDEELNKLKGVTI	96	-1.98	0.70	Q64523
Idh2	RFAQTLEKVCVQTVE	400	-1.99	1.70	P54071
Atp5pb	EVKQSSMKQIQDAID	144	-1.99	0.73	Q9CQQ7
Suclg1	IYIDKNTKIICQGFT	57	-1.99	0.77	Q9WUM5
Gatd3a	HEQEEGGKWYPYAGTA	201	-2.01	1.25	Q9D172
Ndufa9	SSEIETKPAKTVNY	366	-2.03	1.16	A0A0R3
Uqcrc1	QLDLAQKHLSSVSR	248	-2.03	1.12	Q9CZ13
Hspd1	NIISDAMKKVGRKGV	191	-2.03	0.66	P63038
Ogdhl	LLRHPDAKSSFDQMV	855	-2.04	0.70	B2RXT3
Gapdh	VMGVNHEKYDNSLKI	137	-2.05	0.50	P16858
Rufy3	QSSDLGVKQKSELNS	420	-2.06	1.70	Q9D394
Pgk1	VDFVTADKFDENAKT	291	-2.06	0.58	P09411
Hmgn3	VPPKPESKPRKTSK	42	-2.08	1.75	Q9DCB1
Hnrnp1	EDGSCSYKDFSESRL	501	-2.09	1.17	G5E924
Gatd3a	AVDGKDCKVNKEVER	152	-2.11	0.53	Q9D172
Nipsnap3b	TYFLKPSKTNEFLEN	48	-2.13	0.56	Q9CQE1
Etfdh	TNDVGIQKDGAPKTT	162	-2.13	1.57	Q6PF96
Gm49601	RTHMHDLKDVTCDVH	305	-2.15	0.72	A0A338
Gapdh	GVFTTMEKAGAHKLG	105	-2.15	1.37	P16858
H2bc3	_MPEPSKSAPAPKK	6	-2.16	0.59	Q64475
Ppia	GRSIYGEKFEDENFI	82	-2.16	1.81	P17742
Pdhb	AQYDGAYKVSRLWK	68	-2.17	1.90	Q9D051
H1-0	STSAPAAKPKRAKAS	12	-2.17	0.80	P10922
Idh3b	QNMASEEKLEQVLSS	95	-2.18	1.24	Q91VA7

Crebbp	SHTHKMVKWGLGLDD	1707	-2.19	1.12	A0A0U1
Nipsnap2	ALTEVMNKLKENQEF	138	-2.21	0.82	O55126
Hnrnpa2b1	VMRDPASKRSRGFGF	59	-2.21	0.71	O88569
Calm3	EAFSLFDKDGDTIT	22	-2.24	1.27	P0DP28
Ap2a1	LCLRLYKASPDLP	177	-2.24	0.92	P17426
Atp1a3	IISAHGCKVDNSSLT	202	-2.29	2.08	Q6PIC6
Sptan1	NSATRKKKLEAQSH	2063	-2.29	0.87	A3KGU5
Etfdh	LAAESIFKQLTSEN	355	-2.31	1.10	Q6PF96
Nsf	NGPEILNKYVGES	293	-2.34	1.32	P46460
Slc25a4	EGANAFFKGAWSNL	272	-2.34	1.53	P48962
Atp1a2	VVHGSDLKDMTSEQL	668	-2.34	1.11	Q6PIE5
Decr1	SKDAPQSKFFQPVK	42	-2.35	0.92	Q9CQ62
Camk2a	HKLYQQIKAGAYDFP	226	-2.35	0.74	P11798
Wipf3	GPGTSGGKLNPPAP	381	-2.38	1.46	D3Z5R4
Pgam1	LPSCESLKDTIARAL	157	-2.39	1.15	Q9DBJ1
Ncl	KVTLDWAKPKGEGGF	643	-2.40	1.64	P09405
Aldoc	PDGDHDLKRCQYVTE	200	-2.40	0.74	P05063
Fam162a	RHGVPLHKPTDFEKK	63	-2.41	1.39	Q9D6U8
Zyx	PAFYAPQKKFAPVVA	24	-2.42	0.72	A0A0N4
Sfxn3	LGLKSLTKHLPPLVG	169	-2.43	1.75	Q91V61
Glud1	LIPAASEQLTKSNA	386	-2.46	1.54	P26443
Stxbp1	ATLCATLKEYPAVRY	184	-2.46	1.21	O08599
Sptbn1	ETVHQLSKTSRALVA	1653	-2.48	0.71	Q62261
Abat	EVEDLIVKYRKKKRT	279	-2.48	1.16	P61922
Hadhb	LLSGTSYKDLMPHDL	73	-2.52	1.22	Q99JY0
Mecp2	VLEKSPGKLVVKMPF	219	-2.52	0.69	Q9Z2D6
Sucla2	VFSPEEAKAVSSQMI	129	-2.54	0.91	Q9Z2I9
Arhgdia	DEHSVNYKPPAQKSI	28	-2.54	0.85	Q99PT1
Gapdh	EKYDNSLKIVSNASC	143	-2.56	1.17	P16858
Suclg1	ICQGFTGKQGTFFHSQ	66	-2.57	1.11	Q9WUM5
Bin1	APQWCQGKLQAHLVA	189	-2.60	0.88	O08539
Hbb-b1	VATALAHKYH_____	145	-2.60	1.42	P02088
Eno1	IEEELGSKAKFAGRS	420	-2.60	0.80	P17182
Acss1	TAVRLLLLKYGDAWVK	389	-2.61	0.60	Q99NB1
Hist1h2bp	___MPEPVKSVPAPKK	6	-2.61	1.11	Q8CGP2
Prdm6	DALQPFNKSSKLSPS	407	-2.63	0.49	Q3UZD5
Ndufs3	PRSDVTHKQLSAFGE	55	-2.67	1.65	Q9DCT2
Idh3g	YANVIHCKSLPGVVT	149	-2.70	1.03	P70404
Aldh6a1	LITLEQGKTLADAEG	129	-2.70	1.24	Q9EQ20
Atp5po	ALYSAASKEKKLDQV	51	-2.71	2.04	Q9DB20
Ppm1g	ELQAESGKRKLEEAL	409	-2.79	0.97	A0A0J9
Aco2	CPKVIGVKLTGSLSG	233	-2.80	1.34	Q99KI0
Napg	MALERAGKLIENVDP	123	-2.83	1.16	Q9CWZ7
Vdac2	GTLETYKWCEYGLT	63	-2.84	1.62	G3UX26
Ndufa2	RYAFGQEKTVSLNNL	75	-2.88	1.38	Q9CQ75

Mtmt12	QLKKYPEKLVHCKD	139	-2.89	1.51	G3XA69
Ywhae	EDLVYQAKLAEQAER	12	-2.90	1.98	P62259
Ndufs1	MCLVEIEKAPKVVA	84	-2.91	0.80	Q91VD9
Nars2	DLQTEHEKYLVRHCG	353	-2.92	1.12	Q8BGV0
Cpt2	DELFTDTKARHLLVL	239	-2.93	1.04	P52825
Sucla2	LIADSGLKILACDDL	426	-2.95	1.36	Q9Z2I9
Eef1g	GKAVNQGKIFK____	434	-2.96	0.80	Q9D8N0
Aldh5a1	YDPASGAKLGTVADC	74	-3.08	1.00	Q8BWF0
Etf1	VSDIIEIKSPDTFVR	139	-3.14	0.89	Q99LC5
Slc25a5	GVAAAISKTAAPIE	23	-3.16	1.08	P51881
Pip4k2b	YDRRFVIKTVSSEVD	150	-3.27	1.80	Q80XI4
Hibadh	QDSATSTKTPILLGS	296	-3.28	0.81	Q99L13
Mob4	IKESSVAKLGSVCRR	123	-3.29	0.80	E0CYJ0
Atp5po	NDITKREKFSPLTAN	100	-3.31	1.31	Q9DB20
Cs	KLVAQLYKIVPNILL	382	-3.32	1.10	Q9CZU6
Aldoa	AKWRCVLKIGEHTPS	153	-3.33	0.95	P05064
Atp5f1b	ESGVINLKDATSKVA	259	-3.37	1.17	P56480
Pdhx	DLVKDDIKVSVNDFI	325	-3.43	1.29	Q8BKZ9
Dnm1	AALAAERKFFLSHPS	257	-3.44	1.47	P39053
Atp1a3	ASESALLKCIELSSG	448	-3.48	1.89	Q6PIC6
Vdac1	TRFGIAAKYQVDPDA	237	-3.50	1.75	Q60932
Mcur1	TKVRTDTKLNFNLEK	253	-3.53	1.62	Q9CXD6
Hbb-bs	AVSGLWGVNADEVG	18	-3.58	1.62	A8DUK4
Uqcrb	LPKDQWTKYEEDKFY	83	-3.97	1.45	Q9CQB4
Hspd1	TSEYEKEKLNERLAK	389	-4.02	1.46	P63038
Acat1	KEAWDAGKFASEITP	227	-4.14	1.56	Q8QZT1
Slc25a4	GIAAAVSKTAAPIE	23	-4.36	1.94	P48962
Hspd1	ITTSEYEKEKLNERL	387	-4.64	1.47	P63038
Uqcrc1	LEDSEIEKERDVILR	163	-4.69	1.83	Q9CZ13

Supplementary Table 7.4 – Old vs young mouse brain tissue proteome profile

Gene name	Intensity	Student's T-test Difference old_young	-Log Student's T-test p- value	Uniprot ID
Fah	3.3E+08	15.36	5.32	P35505
Vcan	1.2E+09	14.78	5.22	G3XA35
Ass1	4.1E+08	12.29	4.75	P16460
Camsap2	6.3E+07	10.53	4.37	Q8C1B1
Serpinb1a	5.1E+08	10.36	4.32	Q9D154
Slc12a2	1.0E+09	10.12	4.27	E9QM38
Fth1	3.9E+09	9.75	4.17	P09528
Akr1b1	1.3E+09	8.65	3.88	P45376
Padi2	1.4E+08	8.52	3.84	Q08642
Cdipt	1.3E+08	8.06	3.71	A0A0U1RNI6
Cd9	4.5E+08	7.15	3.42	P40240
Suclg2	2.3E+08	6.88	3.33	Q9Z2I8
Taldo1	2.1E+09	6.77	3.29	Q93092
Gltp	8.5E+08	6.56	3.22	Q9JL62
Aldh6a1	1.6E+09	6.35	3.15	Q9EQ20
Lap3	9.8E+08	6.26	3.11	Q9CPY7
Mog	6.5E+09	5.89	2.97	Q3UY21
Hapln2	1.9E+08	5.78	2.93	Q9ESM3
Chchd3	3.3E+08	5.68	2.89	Q9CRB9
Cnp	6.8E+10	5.65	2.88	P16330
Ca2	9.8E+09	5.58	2.85	P00920
Camk2g	3.7E+08	5.52	2.83	A0A286YCW8
Gsta4	5.2E+08	5.42	2.79	P24472
Myg1	5.2E+07	5.36	2.76	Q9JK81
Gsn	6.7E+08	5.26	2.72	P13020
Grhpr	1.3E+09	5.22	2.70	Q91Z53
Ndrp1	1.0E+09	5.04	2.63	Q62433
Atp5pb	6.5E+09	4.99	2.61	Q9CQQ7
Myo6	2.9E+08	4.98	2.60	E9Q175
Aldh7a1	1.3E+09	4.81	2.53	Q9DBF1
Hapln1	9.9E+08	4.80	2.52	Q9QUP5
Decr1	4.7E+08	4.66	2.46	Q9CQ62
Ln timer	1.3E+08	-4.69	2.47	Q7TQ95
Stx1a	4.7E+09	-4.72	2.48	O35526
Syt7	6.7E+08	-4.95	2.59	A0A2C9F2C1
Exoc3	9.6E+07	-4.99	2.61	Q6KAR6

Itpka	9.8E+08	-5.00	2.61	Q8R071
Ppp3ca	1.3E+10	-5.05	2.63	P63328
Map1a	2.1E+10	-5.08	2.65	Q9QYR6
Hnrnpa2b1	6.6E+09	-5.21	2.70	O88569
Tmem35a	1.0E+08	-5.23	2.71	Q9D328
Gria2	1.3E+09	-5.28	2.73	P23819
Rab35	2.0E+08	-5.30	2.74	Q6PHN9
Prkar2b	1.0E+09	-5.33	2.75	P31324
Arfgap1	1.0E+09	-5.63	2.87	V9GWV1
Epb41l1	2.8E+09	-5.72	2.91	E9PV14
Ndr3	9.0E+08	-5.89	2.97	Q9QYF9
Gmps	5.0E+08	-5.99	3.01	Q3THK7
Map2	2.6E+10	-6.04	3.03	P20357
Slc9a3r1	1.4E+09	-6.07	3.04	P70441
Baiap2	2.0E+09	-6.51	3.20	B1AZ46
Ctnna2	1.6E+09	-6.57	3.22	Q61301
Snx27	2.3E+08	-6.75	3.29	Q3UHD6
Eef1b	7.1E+08	-6.85	3.32	O70251
Marcks	2.0E+09	-7.52	3.54	P26645
Akap5	2.0E+09	-7.57	3.56	D3YVF0
Gabbr2	9.2E+07	-7.67	3.59	Q80T41
H1-5	5.1E+08	-7.93	3.67	P43276
Sv2b	1.6E+09	-8.26	3.77	Q8BG39
Ensa	1.2E+09	-8.91	3.95	P60840
Tsr2	7.6E+07	-9.41	4.09	Q8C8T8
Sptbn2	1.4E+10	-9.94	4.22	Q68FG2
Dpysl5	2.9E+09	-10.29	4.31	Q9EQF6
Cltc	6.6E+10	-14.51	5.17	Q5SXR6
Arl6ip5	2.4E+08	-16.39	5.48	Q8R5J9
Hsph1	3.1E+09	-16.43	5.49	Q61699
Dpysl3	4.2E+09	-16.51	5.50	Q62188
Arrb1	2.7E+08	4.64	2.45	Q8BWG8
Cntn2	4.5E+08	4.63	2.45	Q61330
Glul	1.9E+10	4.62	2.44	P15105
Cyb5r3	9.3E+08	4.59	2.43	Q9DCN2
Anxa5	2.5E+09	4.59	2.43	P48036
Flii	3.8E+07	4.57	2.42	Q9JJ28
Glud1	1.9E+10	4.57	2.42	P26443
Acan	2.0E+08	4.44	2.36	Q61282
Nadk2	1.9E+08	4.37	2.33	Q8C5H8
Txndc17	1.4E+08	4.34	2.31	Q9CQM5
Clic4	3.0E+08	4.32	2.30	Q9QYB1
Hint3	1.2E+08	4.31	2.30	Q9CPS6
Tf	1.7E+09	4.31	2.30	Q921I1

Ddt	1.1E+09	4.29	2.29	O35215
Syn2	2.2E+10	4.26	2.28	Q64332
Paics	5.4E+08	4.24	2.26	Q9DCL9
Ighm	1.7E+08	4.18	2.24	P01872
Trim3	3.1E+08	4.14	2.21	Q9R1R2
Ndufb7	1.1E+08	4.11	2.20	Q9CR61
Mlf2	3.0E+08	3.99	2.14	Q99KX1
Pygb	8.4E+09	3.98	2.14	Q8CI94
Gfap	5.6E+09	3.95	2.13	P03995
Gstm1	1.0E+10	3.93	2.11	P10649
Ndufa9	1.4E+09	3.92	2.11	A0A0R3P9C8
Plin3	1.5E+08	3.90	2.10	Q9DBG5
Hmgb1	2.0E+09	3.78	2.04	P63158
Aldh3a2	1.2E+08	3.75	2.02	P47740
Atp5md	8.1E+08	3.74	2.02	Q78IK2
Cds2	4.5E+08	3.71	2.00	Q99L43
Ddx19b	8.8E+07	3.58	1.93	Q8R3C7
Cst3	9.3E+08	3.53	1.91	P21460
Rnh1	4.4E+08	3.52	1.90	Q91VI7
Tst	8.7E+08	3.51	1.90	P52196
Vat1	1.2E+09	3.49	1.88	Q62465
Acot13	4.2E+08	3.45	1.87	Q9CQR4
Qdpr	3.9E+09	3.45	1.86	D3YWR7
Llgl1	2.2E+08	3.42	1.85	Q80Y17
Alb	2.4E+10	3.37	1.82	P07724
Mrps36	1.6E+09	3.36	1.82	Q9CQX8
Gnas	6.9E+08	3.36	1.81	P63094
Rida	1.3E+09	3.34	1.81	P52760
Mapk3	1.1E+09	3.27	1.77	Q63844
Cox5b	1.0E+09	3.26	1.76	P19536
Phgdh	2.6E+09	3.18	1.72	Q61753
Cfl2	5.5E+08	3.18	1.72	P45591
Rab12	1.4E+08	3.16	1.71	P35283
Cntnap1	1.0E+09	3.14	1.70	O54991
Acadvl	2.9E+08	3.14	1.70	P50544
Gng7	7.3E+08	3.13	1.69	Q61016
Sccpdh	4.1E+08	3.12	1.69	Q8R127
Immt	4.4E+09	3.12	1.68	Q8CAQ8
Myh14	1.2E+08	3.12	1.68	Q6URW6
Impact	6.4E+08	3.11	1.68	O55091
Atp6v1g1	4.3E+08	3.10	1.68	Q9CR51
Lxn	4.6E+08	3.10	1.68	P70202
Aldh9a1	4.8E+08	3.05	1.65	Q9JLJ2
Map2k1	3.2E+09	3.03	1.63	P31938

Aldoc	2.5E+10	2.98	1.61	P05063
Ndufa4	4.3E+09	2.91	1.57	AOA0N4SVQ1
Naxe	8.4E+08	2.90	1.57	Q8K4Z3
Arhgdia	8.0E+09	2.87	1.55	Q99PT1
Impa1	1.8E+09	2.87	1.55	Q924B0
Rbx1	1.2E+08	2.86	1.54	AOA2R8W6R3
Gja1	1.5E+09	2.86	1.54	P23242
Cct6a	2.8E+09	2.86	1.54	P80317
Asah1	1.8E+08	2.85	1.53	Q9WV54
Pygm	1.5E+09	2.84	1.53	Q9WUB3
Ftl1	9.0E+08	2.83	1.52	Q9CPX4
Fbxo2	4.2E+08	2.82	1.52	Q80UW2
Atic	8.6E+08	2.82	1.52	Q9CWJ9
Tspan2	3.6E+08	2.81	1.51	AOA0G2JDX4
Pcca	8.8E+08	2.78	1.50	Q91ZA3
Aspa	2.6E+08	2.78	1.50	Q8R3P0
Rhog	9.9E+08	2.78	1.49	P84096
Vim	3.0E+09	2.76	1.48	P20152
Cstb	3.2E+08	2.76	1.48	Q62426
Asns	2.1E+10	2.75	1.48	Q61024
Tiprl	8.7E+07	2.71	1.46	Q8BH58
Fkbp2	3.0E+08	2.71	1.46	P45878
Smap1	4.2E+08	2.70	1.45	Q91VZ6
Scg2	1.8E+08	2.69	1.44	Q03517
Septin4	2.5E+08	2.67	1.43	P28661
Pzp	5.5E+08	2.67	1.43	Q61838
Sdhb	1.3E+09	2.67	1.43	Q9CQA3
Cntnap2	4.4E+08	2.65	1.42	Q9CPW0
Hepacam	8.2E+08	2.64	1.42	Q640R3
Ndufs3	1.3E+09	2.64	1.41	Q9DCT2
Apoe	1.8E+09	2.63	1.41	P08226
Pcx	4.1E+09	2.63	1.41	G5E8R3
Acsf2	2.9E+08	2.61	1.40	Q8VCW8
Mapt	8.7E+09	2.60	1.39	AOA0A0MQC7
Elmo1	1.0E+08	2.60	1.39	Q8BPU7
Psma7	1.0E+09	2.60	1.39	Q9Z2U0
Aldh1l1	2.4E+09	2.59	1.39	Q8R0Y6
Ddc	8.3E+07	2.58	1.38	O88533
Bin1	4.6E+09	2.57	1.37	O08539
Sfpq	1.8E+09	2.57	1.37	Q8VIJ6
Cops5	1.5E+08	2.56	1.37	O35864
Selenbp2	2.9E+08	2.56	1.37	Q63836
Eci1	7.2E+08	2.56	1.37	P42125
G6pdx	3.1E+08	2.54	1.36	Q00612

Bcan	1.8E+09	2.54	1.35	Q61361
Lgals1	2.0E+08	2.54	1.35	P16045
Slc25a18	1.9E+08	2.53	1.35	Q9DB41
Acads	3.7E+07	2.53	1.35	Q07417
Ppp6r1	5.8E+07	2.52	1.35	Q7TSI3
H2az2	4.8E+08	2.52	1.34	Q3THW5
Spr	1.3E+09	2.48	1.32	Q64105
Slc44a1	4.8E+08	2.48	1.32	Q6X893
Rhob	4.6E+08	2.47	1.32	P62746
Cadm4	8.4E+08	2.46	1.31	Q8R464
Acaca	5.1E+07	2.45	1.30	Q5SWU9
Stk32c	1.5E+08	2.45	1.30	Q8QZV4
Acadm	2.3E+08	2.42	1.28	P45952
Ahcy	1.3E+09	2.40	1.27	P50247
Akr1a1	1.8E+09	2.40	1.27	Q9JII6
Phyhip	1.4E+09	2.39	1.27	Q8K0S0
Ivd	8.0E+08	2.38	1.26	Q9JHI5
Abat	9.7E+09	2.37	1.26	P61922
Nefm	4.9E+09	2.33	1.23	P08553
Fsd1	1.8E+08	2.33	1.23	Q7TPM6
Cct8	2.4E+09	2.32	1.22	P42932
Nefl	8.1E+09	2.31	1.22	P08551
Bub3	8.2E+07	2.30	1.21	A0A140LIM5
Dbi	1.0E+10	2.30	1.21	P31786
Gde1	1.2E+08	2.27	1.20	Q9JL56
Psat1	2.0E+09	2.26	1.19	Q99K85
Nefh	2.0E+09	2.26	1.19	P19246
Nipsnap2	9.0E+08	2.25	1.19	O55126
Prkcg	4.9E+09	2.25	1.18	P63318
Echs1	1.1E+09	2.24	1.18	Q8BH95
Dnajc11	1.2E+08	2.24	1.18	Q5U458
Xrn1	8.0E+07	2.24	1.18	P97789
Gnai2	2.8E+09	2.24	1.18	P08752
Lmna	1.9E+09	2.23	1.17	P48678
Hnrnph2	5.0E+08	2.22	1.16	P70333
Nfs1	2.2E+08	2.21	1.16	Q9Z1J3
Ina	8.7E+09	2.21	1.16	P46660
Auh	1.6E+09	2.21	1.16	A0A0R4J023
Gars1	5.5E+08	2.20	1.15	Q9CZD3
Vwa8	1.0E+08	2.19	1.15	Q8CC88
Adss1	2.4E+08	2.17	1.13	P28650
Vps13c	1.1E+08	2.15	1.13	Q8BX70
Hnrnph1	2.3E+09	2.14	1.12	O35737
Lta4h	9.3E+08	2.12	1.11	P24527

Aldh5a1	3.5E+09	2.12	1.11	Q8BWF0
Rpl14	3.4E+08	2.12	1.11	Q9CR57
Vps28	9.6E+07	2.09	1.09	Q9D1C8
Lmn2	5.4E+08	2.08	1.08	P21619
Pcp4l1	1.3E+08	2.08	1.08	Q6W8Q3
Apool	8.0E+07	2.07	1.07	B1AV14
Lypla1	2.0E+08	2.06	1.07	P97823
Fahd2a	3.4E+08	2.06	1.07	A0A0R4J094
Ctsb	6.1E+08	2.06	1.07	P10605
Sort1	2.6E+08	2.05	1.06	Q6PHU5
Gnb2	9.9E+09	2.05	1.06	P62880
Ndufa11	2.7E+08	2.05	1.06	Q9D8B4
Sptb	5.2E+08	2.04	1.06	Q3UGX2
Ubl4a	8.5E+07	2.03	1.05	P21126
Denr	2.5E+08	2.03	1.05	Q9CQJ6
Esd	9.3E+08	2.03	1.05	Q9R0P3
Isca2	1.5E+08	2.02	1.05	A0A1Y7VK19
Wdr37	3.5E+08	2.02	1.05	Q8CBE3
Tmed7	9.1E+07	2.02	1.04	E9Q7G1
Cpne4	7.6E+07	2.01	1.04	Q9D6C8
Aldh2	2.5E+09	2.00	1.04	P47738
Hadhb	1.2E+09	2.00	1.03	Q99JY0
Cd82	2.9E+08	2.00	1.03	P40237
Psm6	6.3E+08	1.99	1.03	Q60692
Nova2	1.2E+08	1.98	1.02	A0A1W2P872
Ptp4a2	8.5E+07	1.98	1.02	O70274
Dnpep	3.9E+08	1.97	1.01	Q9Z2W0
Sfxn5	1.3E+09	1.96	1.01	Q925N0
Hibadh	8.7E+08	1.95	1.01	Q99L13
Csrp1	2.5E+09	1.95	1.00	P97315
Necab1	1.1E+08	1.94	1.00	Q8BG18
Hpx	1.1E+08	1.93	0.99	Q91X72
Rbp1	2.1E+08	1.92	0.99	Q00915
Clta	1.7E+09	1.92	0.99	B1AWE0
Tkt	7.9E+09	1.92	0.99	P40142
Cisd1	2.9E+09	1.92	0.98	Q91WS0
Stxbp5	1.3E+08	1.91	0.98	D3Z2Q2
Gpx4	4.4E+08	1.91	0.98	S4R1E5
Cbr1	2.2E+09	1.91	0.98	P48758
Pgm3	8.1E+07	1.90	0.98	Q8BWW3
Tppp3	1.6E+09	1.90	0.97	Q9CRB6
Plp1	2.1E+10	1.90	0.97	P60202
Uqcrc1	1.4E+10	1.90	0.97	Q9CZ13
Cyp2d22	6.0E+07	1.88	0.96	Q9JKY7

Myl6	1.6E+09	1.87	0.96	Q60605
Aco2	4.5E+10	1.86	0.95	Q99KI0
Rbm39	5.5E+07	1.86	0.95	F7AA45
Pfn2	2.7E+09	1.85	0.94	Q9JJV2
Gstp1	1.0E+10	1.84	0.94	P19157
Atp5me	2.9E+09	1.84	0.94	Q06185
Cyb5r1	1.9E+08	1.83	0.93	Q9DB73
Etf1	1.2E+08	1.83	0.93	Q8BWY3
Sh3gl3	2.7E+08	1.83	0.93	J3QQ44
Prdx1	5.0E+09	1.82	0.93	P35700
Myo1d	2.3E+08	1.82	0.93	Q5SYD0
Ermn	6.7E+08	1.82	0.93	Q5EBJ4
Ncan	9.5E+08	1.82	0.93	A0A0R4IZX5
Vwa5a	1.4E+08	1.82	0.92	Q99KC8
Dpysl2	1.3E+11	1.81	0.92	O08553
Snap25	8.8E+09	1.81	0.92	P60879
Adgrb1	4.7E+07	1.80	0.92	E9Q4H5
Pccb	4.6E+08	1.80	0.91	Q99MN9
Uqcrc2	1.5E+10	1.80	0.91	Q9DB77
Vac14	7.0E+07	1.80	0.91	A0A1D5RLY2
Gpd1	8.3E+08	1.80	0.91	E0CXN5
Mtap	1.0E+08	1.80	0.91	Q9CQ65
Ppt1	9.8E+07	1.79	0.91	O88531
Kras	2.4E+08	1.79	0.91	P32883
Me1	3.4E+08	1.77	0.89	Q3TQP6
Acadl	8.8E+08	1.76	0.89	A0A0R4J083
Got2	2.6E+10	1.75	0.89	P05202
Actr10	1.0E+08	1.75	0.88	Q9QZB7
Pdcd6ip	7.0E+08	1.74	0.88	Q9WU78
Snrnp200	3.1E+07	1.74	0.88	Q6P4T2
Ruvbl2	1.0E+08	1.74	0.88	Q9WTM5
Ywhaq	1.1E+10	1.73	0.87	P68254
Rala	1.3E+09	1.72	0.87	P63321
Idh3a	1.1E+10	1.72	0.87	Q9D6R2
Sgsm1	1.4E+08	1.72	0.87	B2RQR5
Nampt	1.1E+08	1.72	0.87	Q99KQ4
Sptbn4	3.6E+08	1.72	0.86	E9PX29
Cox6b1	8.1E+08	1.71	0.86	P56391
Timm9	1.7E+08	1.71	0.86	Q9WV98
Pitpnm1	2.1E+08	1.71	0.86	O35954
Nptn	2.8E+09	1.70	0.86	P97300
Map2	1.0E+08	1.70	0.85	G3UZJ2
Gpd1l	1.2E+09	1.69	0.85	Q3ULJ0
Tmsb10	8.3E+08	1.69	0.85	Q6ZWY8

Txndc12	7.2E+07	1.69	0.85	Q9CQU0
Timm10	1.2E+08	1.69	0.85	P62073
Flot2	2.5E+08	1.68	0.84	Q5SS83
Oxct1	4.9E+09	1.68	0.84	Q9D0K2
Plcd1	8.8E+07	1.67	0.84	Q8R3B1
Tbcb	7.3E+07	1.66	0.83	Q9D1E6
Glod4	1.2E+09	1.66	0.83	Q9CPV4
Epm2aip1	2.9E+08	1.65	0.83	Q8VEH5
Etfdh	6.6E+08	1.65	0.83	Q6PF96
Prdx3	2.6E+09	1.65	0.82	P20108
Ppm1h	5.8E+08	1.65	0.82	Q3UYC0
Pdxk	3.3E+09	1.65	0.82	Q8K183
Septin9	9.5E+08	1.64	0.82	A2A6U3
Coq9	2.4E+08	1.63	0.81	F6SFF5
Acp1	3.3E+08	1.61	0.80	Q9D358
Alg2	1.9E+08	1.61	0.80	Q9DBE8
Maob	5.5E+08	1.61	0.80	Q8BW75
Adsl	2.9E+08	1.61	0.80	P54822
Cmas	1.9E+08	1.61	0.80	A0A0R4JOB4
Cacna2d2	6.3E+07	1.61	0.80	Q6PHS9
Arhgap35	1.5E+08	1.61	0.80	Q91YM2
Wdr1	3.4E+09	1.60	0.79	O88342
Impdh2	9.7E+07	1.59	0.79	P24547
Gaa	1.5E+08	1.58	0.78	P70699
Omg	2.8E+08	1.58	0.78	Q63912
Tecr	1.4E+08	1.58	0.78	A0A5F8MPU6
Crtc1	2.8E+08	1.58	0.78	Q68ED7
Gss	2.0E+08	1.57	0.78	P51855
Atp6v1d	1.8E+09	1.57	0.78	P57746
Cadps2	2.1E+08	1.57	0.77	S4R1C6
Uqcrb	4.5E+09	1.57	0.77	Q9CQB4
Hacd3	1.7E+08	1.56	0.77	Q8K2C9
Kpna3	1.4E+08	1.55	0.77	O35344
Mccc2	2.7E+08	1.55	0.76	Q3ULD5
Prkar1a	4.3E+08	1.54	0.76	Q9DBC7
Ndufv3	1.8E+08	1.54	0.76	Q8BK30
Stmn1	2.4E+09	1.54	0.76	D3Z1Z8
Cryab	7.4E+08	1.53	0.75	P23927
Atp6v1b2	1.4E+10	1.53	0.75	P62814
Nudt2	2.3E+08	1.53	0.75	P56380
Trappc3	1.4E+08	1.53	0.75	O55013
Tppp	6.6E+09	1.53	0.75	Q7TQD2
Gpi	1.6E+10	1.52	0.75	P06745
Ndufa7	2.3E+08	1.52	0.74	Q9Z1P6

Cdc42bpb	9.7E+07	1.50	0.74	Q7TT50
Cox6c	2.0E+09	1.50	0.73	Q9CPQ1
Elavl4	2.5E+08	1.50	0.73	Q61701
Vamp1	4.0E+08	1.50	0.73	A0A0N4SUV3
Cct7	2.3E+09	1.49	0.73	P80313
Uso1	6.0E+08	1.49	0.73	Q9Z1Z0
Dtna	1.4E+08	1.49	0.73	Q8CFR5
Ptges2	2.3E+08	1.49	0.73	Q8BWM0
Prpsap1	2.7E+08	1.49	0.73	Q9D0M1
Uchl1	2.7E+10	1.49	0.73	Q9R0P9
Chp1	1.1E+08	1.49	0.73	B0R091
Fasn	3.5E+09	1.48	0.73	P19096
Pspc1	1.5E+08	1.48	0.72	Q8R326
Cpne1	1.5E+08	1.48	0.72	B7ZCP4
Aldh4a1	2.1E+08	1.47	0.72	Q8CHT0
Hagh	6.3E+08	1.47	0.72	E9PYA3
Ptk2b	7.7E+08	1.47	0.72	Q3UDE9
Kif5b	3.4E+08	1.47	0.72	Q61768
Flot1	5.2E+08	1.46	0.71	O08917
Park7	4.1E+09	1.46	0.71	Q99LX0
Sec13	2.2E+08	1.46	0.71	Q9D1M0
Thns11	1.0E+08	1.46	0.71	Q8BH55
Pgam1	2.4E+10	1.45	0.71	Q9DBJ1
Npepps	4.6E+09	1.45	0.70	Q11011
Atp6v1a	1.6E+10	1.45	0.70	P50516
Slc24a2	1.2E+08	1.45	0.70	Q14BI1
Wipi2	1.4E+08	1.44	0.70	Q80W47
Tor1aip1	5.8E+07	1.44	0.70	Q921T2
Ppib	2.2E+08	1.44	0.70	P24369
Clasp1	1.5E+08	1.43	0.69	A0A087WQ31
Pfas	1.7E+08	1.43	0.69	Q5SUR0
Gsr	2.9E+08	1.43	0.69	P47791
Rab5a	1.0E+09	1.42	0.69	Q9CQD1
Me2	1.0E+08	1.42	0.69	Q99KE1
Ctsd	9.4E+08	1.42	0.69	F8WIR1
Pcyox1	2.5E+08	1.42	0.68	Q9CQF9
Pdk3	5.0E+07	1.41	0.68	Q922H2
Prdx6	1.3E+10	1.41	0.68	Q6GT24
Hspa1a	4.4E+08	1.40	0.68	Q61696
Scp2	3.1E+08	1.40	0.68	P32020
Tufm	3.6E+09	1.40	0.68	Q8BFR5
Ufm1	1.3E+08	1.40	0.68	P61961
Mblac2	4.3E+07	1.40	0.68	Q8BL86
Snx5	1.5E+08	1.40	0.68	Q9D8U8

Atp8a1	9.6E+08	1.40	0.67	A0A0M3HEP7
Adh5	5.3E+08	1.40	0.67	P28474
Kcnab2	6.0E+08	1.39	0.67	Q3UPV6
Trim9	6.0E+07	1.39	0.67	E9Q524
Rab6b	3.4E+08	1.39	0.67	P61294
Cndp2	1.4E+09	1.39	0.67	Q9D1A2
Enoph1	1.2E+08	1.37	0.66	Q8BGB7
Elob	2.9E+08	1.37	0.66	P62869
Mtarc2	4.3E+08	1.37	0.66	Q922Q1
Epb41l3	8.4E+09	1.36	0.65	Q9WV92
Sod1	8.2E+09	1.36	0.65	P08228
Sptan1	1.8E+08	1.36	0.65	A3KGU5
C1qc	8.5E+07	1.35	0.65	Q02105
Hapln4	9.5E+07	1.35	0.65	Q80WM4
Sart3	9.8E+07	1.35	0.64	Q9JLI8
Rab7a	2.9E+09	1.34	0.64	P51150
Olfm1	1.7E+08	1.34	0.64	A3KGE4
Map2k7	4.9E+07	1.34	0.64	Q8CE90
Bpnt1	1.2E+09	1.34	0.64	A0A1B0GRV0
Snrpd2	1.2E+08	1.34	0.64	P62317
Gsto1	1.1E+08	1.34	0.64	A0A494BAB1
Hspa2	6.3E+08	1.34	0.64	P17156
Psemb3	3.7E+08	1.33	0.64	Q9R1P1
Ptgr2	6.1E+07	1.33	0.63	Q8VDQ1
S100b	1.5E+08	1.33	0.63	P50114
Sparcl1	1.1E+08	1.32	0.63	P70663
Rasgrf1	5.0E+07	1.32	0.63	P27671
Atp1b1	4.4E+10	1.32	0.63	P14094
Hk1	5.4E+09	1.32	0.63	G3UVV4
Sdhc	2.1E+08	1.32	0.63	Q9CZB0
Fus	1.2E+09	1.31	0.63	G3UXT7
Dip2b	2.6E+08	1.31	0.62	Q3UH60
Tuba1a	7.2E+09	1.31	0.62	P68369
Bphl	5.8E+08	1.31	0.62	Q8R164
Ndufa13	4.7E+08	1.31	0.62	Q9ERS2
Scrn1	2.6E+09	1.31	0.62	Q9CZC8
Capns1	4.8E+08	1.31	0.62	A0A0R4IZW8
Mmut	1.3E+08	1.31	0.62	P16332
Pdpk1	7.1E+07	1.31	0.62	F2Z400
Ndufb5	1.6E+08	1.31	0.62	D3Z568
Nt5c	5.3E+08	1.30	0.62	Q9JM14
Sod2	4.0E+09	1.29	0.61	P09671
Snx3	2.3E+08	1.29	0.61	Q78ZM0
Sae1	8.4E+07	1.29	0.61	Q9R1T2

Sec23a	2.7E+08	1.28	0.61	E9Q1S3
Pde10a	4.0E+08	1.28	0.61	Q8CA95
Ndufs6	1.1E+09	1.28	0.61	P52503
Prps113	4.7E+08	1.28	0.61	G3UXL2
Kbtbd11	4.1E+08	1.28	0.61	Q8BNW9
Sez6l2	9.1E+07	1.28	0.61	Q4V9Z5
Ddb1	6.0E+08	1.28	0.60	Q3U1J4
Ube2k	9.6E+07	1.27	0.60	A0A0J9YU11
Txndc5	3.4E+07	1.27	0.60	A0A0R4J1Y7
Tsg101	1.0E+08	1.27	0.60	Q61187
Mpst	2.8E+08	1.27	0.60	Q99J99
Ndufa12	3.4E+08	1.26	0.59	A0A0R4J275
Kyat3	7.9E+07	1.26	0.59	Q71RI9
Acly	2.9E+09	1.26	0.59	Q3V117
Acaa2	1.3E+09	1.26	0.59	Q8BWT1
Sirpa	4.3E+08	1.25	0.59	E0CX65
Vdac3	2.6E+08	1.25	0.59	Q60931
Sfxn1	1.1E+09	1.25	0.59	Q99JR1
Mus	9.5E+07	1.25	0.59	Q8BR90
F8a1	8.0E+07	1.25	0.59	Q00558
Cacng2	8.6E+07	1.25	0.59	O88602
Ehbp1	3.4E+07	1.23	0.58	Q69ZW3
Ppia	4.5E+10	1.23	0.58	P17742
Gstk1	7.8E+07	1.23	0.58	A0A0N4SVE5
Rab21	5.3E+08	1.23	0.58	P35282
Dip2c	5.9E+07	1.23	0.57	B7ZMZ7
C3	5.9E+07	1.22	0.57	P01027
Slc4a1	1.6E+08	1.22	0.57	P04919
Eif3l	6.2E+07	1.21	0.57	Q8QZY1
Cs	1.3E+10	1.21	0.56	Q9CZU6
Cetn2	8.2E+07	1.21	0.56	Z4YJH1
Hadha	1.9E+09	1.20	0.56	Q8BMS1
Actb	1.6E+11	1.19	0.56	P60710
Vdac2	9.9E+08	1.19	0.55	G3UX26
Fam126b	1.8E+08	1.19	0.55	Q8C729
Nmral1	1.3E+08	1.18	0.55	Q8K2T1
Kif21a	1.3E+09	1.18	0.55	F8WGN6
Snx2	3.4E+08	1.18	0.55	Q9CWK8
Ndufa10	1.3E+09	1.17	0.54	Q99LC3
Atp1b3	2.2E+08	1.17	0.54	P97370
Gcsh	2.7E+08	1.17	0.54	Q91WK5
Cdh11	4.4E+07	1.16	0.54	P55288
Hsd17b4	3.5E+08	1.16	0.54	P51660
Mtx1	1.5E+08	1.15	0.53	G3XA66

Msra	1.3E+08	1.15	0.53	Q9D6Y7
Ube2m	3.0E+08	1.15	0.53	P61082
Ndel1	6.4E+07	1.15	0.53	Q9ERR1
Fis1	9.5E+08	1.14	0.52	Q9CQ92
Rpn2	4.0E+08	1.14	0.52	A2ACG7
Cox4i1	4.0E+09	1.13	0.52	P19783
Vta1	2.4E+08	1.13	0.52	Q9CR26
Nsf	3.3E+10	1.13	0.52	P46460
Gnaq	2.2E+09	1.13	0.52	P21279
Gna13	3.0E+08	1.11	0.51	P27601
Hcn2	9.9E+07	1.11	0.51	O88703
Oat	7.7E+08	1.11	0.51	P29758
Asrgl1	1.6E+09	1.11	0.51	Q8C0M9
Nfasc	4.9E+09	1.10	0.50	A0A087WR56
Tln1	3.6E+08	1.10	0.50	P26039
Cplx2	3.6E+09	1.10	0.50	P84086
Map2k2	1.1E+08	1.10	0.50	Q63932
Eif4a3	1.1E+08	1.10	0.50	A2AFK7
Pkp4	1.1E+08	1.09	0.50	A2AS45
Crat	8.5E+07	1.09	0.50	B7ZDD7
Gabarapl2	1.8E+08	1.09	0.50	P60521
Syt2	8.0E+08	1.09	0.50	P46097
Atp6v1h	2.8E+09	1.09	0.50	A0A0A6YX18
Ndufv1	1.6E+09	1.08	0.49	D3YUM1
Cmpk2	1.3E+09	1.08	0.49	Q3U5Q7
Dlst	2.1E+09	1.07	0.49	Q9D2G2
Actn4	4.0E+08	1.07	0.49	P57780
Slc9a3r2	7.5E+07	1.07	0.49	Q6NS54
Ccdc177	7.8E+07	1.07	0.49	Q3UHB8
Abce1	1.2E+08	1.07	0.49	P61222
Gnai1	1.6E+09	1.07	0.49	B2RSH2
Ube2l3	9.3E+08	1.07	0.48	A0A338P7E5
Sf3a1	1.2E+08	1.06	0.48	Q8K4Z5
Cyb5b	2.8E+09	1.06	0.48	Q9CQX2
Hmgcs1	8.6E+07	1.06	0.48	Q8JZK9
Nedd4	1.3E+08	1.06	0.48	P46935
Magi1	1.1E+08	1.06	0.48	A0A0N4SWH0
Palm2	1.6E+08	1.05	0.48	Q8BR92
Adpgk	3.9E+07	1.05	0.48	Q3UDS7
Slc12a5	9.3E+07	1.05	0.48	A0A0J9YU26
Psmc14	3.2E+08	1.05	0.48	O35593
Rab3gap1	2.2E+08	1.05	0.48	Q80UI7
Psmc4	3.6E+08	1.05	0.47	O35226
Aqp4	1.8E+08	1.04	0.47	A0A0R4J0Z3

Septin7	1.2E+10	1.04	0.47	E9Q1G8
Ahi1	5.6E+07	1.04	0.47	A0A1L1SQE2
Cul2	8.1E+07	1.04	0.47	Q9D4H8
Vps52	1.7E+08	1.03	0.47	Q8C754
2900026A02Rik	1.9E+09	1.03	0.47	A0A1B0GR85
Rbm8a	7.7E+07	1.03	0.47	Q9CWZ3
Necab2	1.8E+08	1.03	0.47	Q91ZP9
Psmc8	6.4E+07	1.03	0.46	Q9CX56
Plpbb	4.6E+08	1.02	0.46	Q9Z2Y8
H1-2	7.4E+08	1.01	0.45	P15864
Ndufa8	1.2E+09	1.01	0.45	Q9DCJ5
Sf3a3	7.8E+07	1.01	0.45	Q9D554
Adrm1	7.0E+07	1.01	0.45	Q9JKV1
Vps13a	6.5E+08	1.00	0.45	Q5H8C4
Ndufb10	4.9E+08	0.99	0.44	D3YUK4
Aimp1	1.6E+08	0.99	0.44	P31230
Lancl1	6.1E+08	0.99	0.44	O89112
Ppm1f	1.6E+08	0.99	0.44	Q8CGA0
Lnpep	4.9E+07	0.98	0.44	Q8C129
Ak4	4.1E+08	0.98	0.44	Q9WUR9
Psmc4	4.1E+08	0.98	0.44	P99026
Srr	4.6E+08	0.98	0.44	Q9QZX7
Exoc7	6.1E+07	0.97	0.43	A2AAN3
Exoc8	2.5E+08	0.97	0.43	Q6PGF7
Apoa1	1.8E+09	0.96	0.43	Q00623
Gfer	9.1E+07	0.96	0.43	P56213
Ap1m1	3.5E+08	0.96	0.43	P35585
Fdps	1.3E+08	0.95	0.42	Q920E5
Gnb1	2.2E+10	0.95	0.42	P62874
Rab11fip5	5.7E+07	0.95	0.42	Q8R361
Exoc2	4.7E+07	0.95	0.42	Q9D4H1
Gatd3a	3.2E+09	0.95	0.42	Q9D172
Kpna4	7.7E+07	0.94	0.42	A0A0B4J1E7
Eif3d	8.5E+07	0.94	0.42	O70194
Brox	5.9E+07	0.94	0.41	Q8K2Q7
Mtstp8	2.5E+09	0.94	0.41	P03930
Nebi	3.3E+08	0.93	0.41	Q9DC07
Pdha1	5.2E+09	0.93	0.41	P35486
Atp1b2	2.8E+09	0.93	0.41	P14231
Ctnnd1	1.2E+08	0.93	0.41	E9Q8Z8
Cox5a	2.3E+09	0.93	0.41	P12787
Ddx1	5.4E+08	0.92	0.41	Q91VR5
Atp6v1c1	1.7E+09	0.92	0.41	Q9Z1G3
Pgls	3.3E+08	0.92	0.41	Q9CQ60

Twf2	7.6E+08	0.92	0.41	Q9Z0P5
Septin8	2.1E+09	0.92	0.41	B1AQZ0
Agfg2	1.0E+08	0.92	0.41	Q3U2K8
Snx6	2.3E+08	0.92	0.41	Q6P8X1
Picalm	7.9E+07	0.91	0.40	Q7M6Y3
Eif2s2	1.0E+08	0.91	0.40	E0CXJ3
Cryz	3.3E+08	0.91	0.40	P47199
Psma1	1.1E+09	0.91	0.40	Q9R1P4
Arpin	6.0E+07	0.90	0.40	Q9D0A3
Uqcrq	4.0E+08	0.90	0.40	Q9CQ69
Adap1	6.4E+08	0.90	0.39	E9PY16
Gclc	1.0E+08	0.89	0.39	P97494
Nrxn1	3.5E+08	0.89	0.39	E0CY11
Gstz1	1.6E+08	0.89	0.39	Q9WVL0
Ndufa6	6.1E+08	0.89	0.39	Q9CQZ5
Por	2.5E+08	0.89	0.39	Q05DV1
Aars1	1.5E+09	0.89	0.39	Q8BGQ7
Nmt1	1.7E+08	0.89	0.39	O70310
Tsc2	8.5E+07	0.89	0.39	A0A2I3BRT5
Rbbp9	3.3E+08	0.88	0.39	O88851
Slc25a12	9.2E+09	0.88	0.38	Q8BH59
Capza1	2.2E+08	0.87	0.38	P47753
Elfn2	2.3E+08	0.87	0.38	Q68FM6
Tpi1	2.4E+10	0.87	0.38	P17751
Acot2	1.5E+08	0.87	0.38	Q9QYR9
Rogdi	2.9E+08	0.86	0.38	Q3TDK6
Myo5a	2.1E+09	0.86	0.37	D3YZ62
Clvs1	1.2E+08	0.86	0.37	Q9D4C9
Dusp3	8.1E+08	0.85	0.37	Q9D7X3
Ggt7	1.7E+08	0.85	0.37	Q99JP7
Nipsnap1	1.7E+09	0.85	0.37	O55125
Lamtor1	6.6E+07	0.85	0.37	A0A0A6YX02
Bcap31	5.9E+07	0.84	0.37	Q61335
Lsamp	9.0E+08	0.84	0.36	Q3TYE5
Rap1a	4.4E+08	0.84	0.36	P62835
Gdi1	1.8E+10	0.84	0.36	P50396
Tnr	7.7E+09	0.84	0.36	Q8BYI9
Erlin2	1.0E+08	0.84	0.36	Q8BFZ9
Nedd4l	8.1E+07	0.83	0.36	A0A494B9F0
Clip2	6.6E+08	0.83	0.36	Q9Z0H8
Lcmt1	1.3E+08	0.83	0.36	A0A0U1RNF2
Ndufs1	2.8E+09	0.83	0.36	Q91VD9
Snca	8.9E+09	0.83	0.36	O55042
Matr3	2.6E+09	0.83	0.36	Q8K310

Slc7a5	2.6E+08	0.82	0.36	Q9Z127
Mpp6	3.6E+08	0.82	0.35	Q9JLB0
Ca1	2.4E+08	0.82	0.35	P13634
Ddah1	2.3E+09	0.82	0.35	Q9CWS0
Rbm3	2.1E+08	0.82	0.35	Q8BG13
Ogt	7.1E+08	0.81	0.35	Q8CGY8
Adam22	4.9E+08	0.81	0.35	D3YUP9
Paip1	6.6E+07	0.80	0.35	D3Z3J6
Ap1s1	9.7E+07	0.80	0.34	P61967
Efhd2	4.1E+09	0.80	0.34	Q8C845
Stx12	7.3E+08	0.80	0.34	Q9ER00
Tmed9	1.9E+08	0.80	0.34	Q99KF1
Cirbp	1.5E+08	0.80	0.34	P60824
Gmpr	7.7E+08	0.80	0.34	F6VY18
H1-4	7.7E+09	0.79	0.34	P43274
Ckap5	6.5E+08	0.79	0.34	Z4YL78
Atl2	7.5E+07	0.79	0.34	E9QND8
Dhrs1	1.4E+08	0.79	0.34	Q99L04
Pacs1n1	1.1E+10	0.79	0.34	Q61644
Rab4b	1.1E+08	0.79	0.34	Q91ZR1
Bclaf1	5.8E+07	0.79	0.34	Q8K019
Nutf2	4.0E+08	0.78	0.33	P61971
Ddah2	9.8E+07	0.78	0.33	Q99LD8
Nit1	1.3E+08	0.78	0.33	Q8VVK1
Nploc4	4.7E+07	0.78	0.33	P60670
Vdac1	5.3E+09	0.78	0.33	Q60932
Ank1	3.4E+08	0.77	0.33	G5E8J2
Sdha	5.0E+09	0.77	0.33	Q8K2B3
Ly6h	4.4E+08	0.77	0.33	Q9WUC3
Pam	1.1E+08	0.77	0.33	P97467
Me3	2.2E+08	0.77	0.33	Q8BMF3
Atp2b3	2.2E+09	0.76	0.32	Q0VF55
Arpp19	2.9E+08	0.76	0.32	P56212
Pls3	6.7E+08	0.76	0.32	B1AX58
Plcl1	2.8E+08	0.76	0.32	Q3USB7
Src	5.0E+08	0.75	0.32	F8WI90
Acsbg1	7.4E+08	0.75	0.32	Q99PU5
Twf1	5.9E+08	0.75	0.31	Q91YR1
MacroD1	1.6E+08	0.74	0.31	Q922B1
Ap1g1	1.6E+08	0.74	0.31	P22892
Sult4a1	1.1E+08	0.74	0.31	P63046
Eif3g	9.5E+07	0.73	0.31	Q9Z1D1
Tars1	1.4E+08	0.73	0.31	Q9D0R2
Ndufc2	2.6E+08	0.73	0.31	Q9CQ54

Pakap	1.2E+08	0.73	0.31	F7AA26
Kcna2	4.9E+08	0.73	0.31	P63141
Pa2g4	5.5E+08	0.73	0.31	P50580
Slc25a23	1.6E+08	0.73	0.31	Q6GQS1
Acin1	2.7E+07	0.72	0.30	Q9JIX8
Got1	2.6E+10	0.72	0.30	P05201
Prkaca	1.6E+09	0.72	0.30	P05132
Strap	6.0E+08	0.72	0.30	Q9Z1Z2
Slc7a14	1.2E+08	0.72	0.30	D3YY38
Acyp1	6.5E+08	0.71	0.30	P56376
Mat2a	2.3E+08	0.71	0.30	Q3THS6
Cops3	5.5E+08	0.71	0.30	O88543
Snd1	4.0E+08	0.71	0.30	Q78PY7
Map4	2.0E+09	0.71	0.30	P27546
Lin7c	1.1E+09	0.71	0.30	O88952
Txn1	8.4E+08	0.71	0.30	Q8CDN6
Ndufb9	2.3E+08	0.71	0.29	Q9CQJ8
Fdxr	4.1E+07	0.70	0.29	Q61578
Nae1	1.4E+08	0.70	0.29	E0CZE0
Isoc2a	2.8E+08	0.70	0.29	P85094
Atp9a	4.3E+07	0.70	0.29	Q8C4G3
Dlg2	1.5E+09	0.70	0.29	D3YUZ8
Pip4k2b	8.0E+08	0.70	0.29	Q80XI4
Bpgm	1.7E+08	0.70	0.29	P15327
Katnb1	1.4E+08	0.69	0.29	Q8BG40
Tpd52	2.0E+08	0.69	0.29	E9PUA7
Msn	1.0E+08	0.69	0.29	P26041
Cat	3.4E+08	0.69	0.29	P24270
Rplp1	5.0E+08	0.69	0.29	P47955
Necap1	1.2E+09	0.69	0.29	Q9CR95
Endod1	4.9E+08	0.68	0.28	Q8C522
Maged1	7.4E+07	0.68	0.28	Q9QYH6
Slc6a9	1.3E+08	0.67	0.28	E9Q517
Lrrc47	1.3E+08	0.67	0.28	E9PV22
Tpr	4.3E+07	0.67	0.28	F6ZDS4
Rps25	1.7E+09	0.67	0.28	A0A1L1SQA8
Cops4	8.9E+08	0.67	0.28	O88544
Thumpd1	6.0E+07	0.66	0.27	Q99J36
Synrg	9.7E+07	0.66	0.27	V9GXD9
Plxna4	2.1E+08	0.66	0.27	Q80UG2
Mecp2	1.2E+08	0.66	0.27	D3Z7U4
Cotl1	4.7E+08	0.66	0.27	Q9CQI6
Pgm1	3.2E+09	0.65	0.27	Q9D0F9
Acyp2	1.1E+08	0.65	0.27	P56375

Hadh	2.0E+08	0.65	0.27	Q61425
Rad23b	1.6E+08	0.65	0.27	P54728
Uba5	1.9E+08	0.65	0.27	Q8VE47
Letm1	1.7E+09	0.65	0.27	Q9Z2I0
Mbp	8.0E+10	0.64	0.26	P04370
Cdh13	3.4E+08	0.64	0.26	Q9WTR5
Prdx5	1.1E+10	0.64	0.26	P99029
Cplx1	1.4E+09	0.64	0.26	P63040
Plip	4.5E+08	0.64	0.26	Q9DCU2
Mapre3	1.5E+09	0.63	0.26	Q6PER3
Cend1	1.4E+09	0.63	0.26	Q9JKC6
Wbp2	3.2E+08	0.63	0.26	P97765
Ndufb6	5.5E+08	0.63	0.26	A2AP32
Cnn3	1.9E+08	0.63	0.26	A0A0G2JDV8
Actr1a	6.2E+08	0.63	0.26	P61164
Mt3	6.2E+07	0.63	0.26	A0A1D5RLI5
Acat2	1.2E+09	0.63	0.26	Q8CAY6
Cyfp2	2.4E+09	0.63	0.26	Q5SQX6
Arpc2	1.3E+09	0.62	0.26	Q9CVB6
Lgalsl	4.5E+08	0.62	0.25	Q8VED9
Pcbp1	2.1E+09	0.62	0.25	P60335
Appl1	6.9E+08	0.62	0.25	Q8K3H0
Ap2m1	6.5E+09	0.62	0.25	P84091
Erp29	2.0E+08	0.62	0.25	P57759
Cadm1	7.2E+08	0.62	0.25	Q8R5M8
Gnao1	3.1E+10	0.62	0.25	P18872
Hprt1	6.4E+08	0.62	0.25	P00493
Snph	2.0E+08	0.62	0.25	Q80U23
Mapk1	3.9E+09	0.61	0.25	P63085
Pmm1	2.3E+08	0.61	0.25	O35621
Cul1	1.1E+08	0.61	0.25	Q3TPM3
Dyrk1a	1.6E+07	0.61	0.25	Q61214
Eif4a2	1.6E+09	0.61	0.25	P10630
Alyref	3.5E+08	0.61	0.25	O08583
Dynll2	3.0E+09	0.61	0.25	Q9D0M5
Sirt2	6.3E+09	0.60	0.25	A0A140LHL5
Psmb7	3.8E+08	0.60	0.24	P70195
Srp72	7.7E+07	0.60	0.24	E9Q740
Mthfd1	2.6E+08	0.60	0.24	Q922D8
Slc25a1	8.3E+07	0.60	0.24	Q8JZU2
Nln	1.1E+08	0.59	0.24	Q91YP2
Rab39a	3.6E+08	0.59	0.24	Q8BHD0
Rpl27	3.3E+08	0.59	0.24	P61358
Ndufb8	5.0E+08	0.59	0.24	Q9D6J5

Atp6v0a1	2.9E+09	0.58	0.24	K3W4T3
Rrbp1	1.8E+08	0.58	0.23	A2AVJ7
Armc10	1.1E+08	0.58	0.23	D3Z5T2
Fech	5.0E+08	0.57	0.23	F6T2S0
Atg3	9.4E+07	0.57	0.23	Q9CPX6
Gria1	4.1E+08	0.57	0.23	Q7TNB5
Rab3gap2	1.1E+08	0.57	0.23	Q8BMG7
Atp5f1b	1.2E+11	0.57	0.23	P56480
Myh10	2.7E+09	0.57	0.23	Q61879
Vcp	1.0E+10	0.57	0.23	Q01853
Dhrs4	7.1E+07	0.57	0.23	A0A2I3BRG8
Gnal	2.5E+08	0.57	0.23	Q66L47
Pitrm1	5.5E+07	0.57	0.23	Q8K411
Tbc1d24	2.3E+08	0.56	0.23	Q3UUG6
Bag6	4.3E+08	0.56	0.23	Q3UF95
Napa	1.3E+09	0.56	0.23	Q9DB05
Scamp1	2.2E+09	0.56	0.23	Q8K021
Wfs1	6.5E+07	0.56	0.23	Q3UN10
Usp14	3.3E+08	0.56	0.23	Q9JMA1
Mecr	2.2E+08	0.56	0.22	Q9DCS3
Wdr7	1.7E+09	0.55	0.22	Q920I9
Sh3bgrl	1.7E+08	0.55	0.22	Q9JJU8
Atp5pd	1.1E+10	0.55	0.22	Q9DCX2
Sh3glb1	7.7E+07	0.54	0.22	A0A0G2JEC4
Kpnb1	1.6E+09	0.54	0.22	P70168
Gstm7	1.5E+08	0.54	0.22	Q80W21
Brsk1	1.4E+08	0.54	0.21	D3Z5P0
Nme1	3.4E+08	0.54	0.21	P15532
Rpl5	1.0E+09	0.53	0.21	P47962
Sncg	9.7E+07	0.53	0.21	Q9Z0F7
Hp1bp3	1.5E+08	0.53	0.21	Z4YKB8
Sec14l2	2.8E+08	0.53	0.21	Q99J08
Ahsg	4.1E+08	0.53	0.21	P29699
Bckdha	5.1E+07	0.52	0.21	P50136
Ptma	5.9E+08	0.52	0.21	A0A087WP98
Vsnl1	6.8E+09	0.52	0.21	P62761
Dazap1	1.4E+08	0.52	0.21	Q9JII5
Mpp3	8.5E+07	0.52	0.21	Q6XE40
Slc6a11	2.9E+09	0.52	0.21	P31650
Thy1	3.5E+09	0.52	0.21	A0A1L1SUX8
Mecp2	4.0E+08	0.52	0.21	Q9Z2D6
Snx12	4.7E+08	0.52	0.20	Q6ZWQ5
Cyp46a1	1.6E+08	0.52	0.20	Q9WVK8
Arhgap23	6.9E+07	0.52	0.20	D6RDB5

Gad2	1.1E+09	0.51	0.20	P48320
Grin1	1.6E+08	0.51	0.20	A2AI19
Clasp2	7.0E+08	0.51	0.20	E9Q8N5
Shisa7	2.2E+08	0.51	0.20	Q8C3Q5
Ndufa2	3.5E+08	0.50	0.20	Q9CQ75
Uba1	1.4E+10	0.50	0.20	Q02053
Ppp2ca	2.6E+09	0.50	0.20	P63330
Pafah1b1	1.6E+09	0.50	0.20	P63005
Tubb4b	2.5E+11	0.50	0.20	P68372
Acsl3	1.9E+08	0.49	0.19	Q9CZW4
Tjp1	4.7E+07	0.49	0.19	P39447
Pkia	1.8E+08	0.49	0.19	P63248
Ptges3	5.6E+08	0.49	0.19	D3Z7C6
Icam5	4.8E+08	0.49	0.19	Q60625
H3f3a	2.0E+09	0.48	0.19	E0CZ27
Wnk1	6.2E+07	0.48	0.19	P83741
Rap1b	1.5E+09	0.48	0.19	Q99JI6
Ahcyl2	3.0E+08	0.47	0.19	F8WGT1
Lrp1	2.9E+08	0.47	0.19	Q91ZX7
Ogdh	5.4E+09	0.46	0.18	Q60597
Pgk1	3.1E+10	0.46	0.18	P09411
Myef2	5.2E+08	0.46	0.18	Q8C854
Slc6a7	9.6E+07	0.46	0.18	Q6PGE7
Nptx1	1.6E+08	0.46	0.18	Q62443
Fn3k	1.4E+08	0.45	0.18	Q6P264
Ppp3cb	1.1E+09	0.45	0.17	E0CZ78
Rasa1	7.8E+08	0.45	0.17	Q9Z268
Rnf214	1.2E+08	0.45	0.17	Q8BFU3
Trappc9	5.7E+07	0.45	0.17	Q3U0M1
Ak2	1.4E+08	0.44	0.17	Q9WTP6
Serpinb6	2.2E+08	0.44	0.17	Q60854
Hsd17b12	2.2E+08	0.44	0.17	O70503
Sord	2.0E+08	0.44	0.17	Q64442
Tsn	2.5E+08	0.44	0.17	Q62348
Rhot1	1.5E+08	0.44	0.17	Q8BG51
Naa15	5.4E+07	0.44	0.17	G3X8Y3
Ndufs5	1.3E+08	0.43	0.17	B1ARW4
Rab10	1.2E+09	0.42	0.16	P61027
Arhgap44	1.2E+08	0.42	0.16	Q5SSM3
Grm5	8.4E+07	0.42	0.16	E9QMC2
Plcb4	6.1E+07	0.42	0.16	Q91UZ1
Ezr	2.1E+08	0.42	0.16	P26040
Strn3	1.1E+08	0.42	0.16	B2RQS1
Ndufb3	3.5E+08	0.42	0.16	Q9CQZ6

Fxyd6	5.9E+08	0.42	0.16	Q9D164
Gpd2	5.2E+09	0.41	0.16	Q64521
Cacybp	1.1E+08	0.41	0.16	Q9CXW3
Cox7a2	5.9E+08	0.41	0.16	P48771
Mapre2	1.4E+09	0.41	0.16	E9Q6X0
Bcas1	1.4E+09	0.40	0.15	F7BNZ5
Agl	2.5E+08	0.40	0.15	F8VPN4
Cbx3	5.3E+08	0.40	0.15	Q9DCC5
Scn2a	4.5E+08	0.40	0.15	A0A5H1ZRM8
Ppid	6.2E+08	0.40	0.15	Q9CR16
Cavin1	5.7E+07	0.39	0.15	O54724
Edc4	7.1E+07	0.39	0.15	D6RE33
Pnp	1.6E+08	0.38	0.15	Q543K9
Ufc1	1.0E+08	0.38	0.15	Q9CR09
Adk	1.6E+08	0.38	0.14	P55264
Lin7a	1.6E+08	0.38	0.14	Q8JZS0
Snx1	4.6E+08	0.37	0.14	Q9WV80
Mgll	2.6E+08	0.37	0.14	O35678
Atl1	5.0E+08	0.37	0.14	Q8BH66
Cnpy3	3.2E+07	0.36	0.14	Q9DAU1
Fahd1	6.2E+07	0.36	0.14	Q8R0F8
Cyc1	6.1E+09	0.36	0.14	Q9D0M3
Stum	6.1E+08	0.36	0.14	A0A1B0GS08
Prkag2	2.3E+07	0.36	0.14	Q91WG5
Mdh1	3.0E+10	0.36	0.14	P14152
Rps20	6.8E+08	0.36	0.13	P60867
Pdcd6	4.1E+08	0.36	0.13	P12815
Ndufb1	2.6E+08	0.36	0.13	P0DN34
Txn2	1.5E+08	0.35	0.13	G3UZY2
Ecpas	6.7E+07	0.35	0.13	Q6PDI5
Afg3l2	4.3E+08	0.35	0.13	Q8JZQ2
Kcna1	1.3E+08	0.35	0.13	P16388
Ruvbl1	2.0E+08	0.35	0.13	P60122
Astn1	1.8E+08	0.35	0.13	A0A0A6YWE6
Cep170	1.6E+08	0.34	0.13	H7BX26
Vapa	1.4E+09	0.34	0.13	Q9WV55
Dnajc6	9.0E+08	0.34	0.13	Q80TZ3
Ppp1r7	1.4E+09	0.34	0.13	Q3UM45
Usp9x	4.9E+08	0.34	0.13	Q4FE56
Rufy3	1.1E+09	0.33	0.12	Q9D394
Acsl1	2.3E+08	0.33	0.12	D3Z041
Rps6	2.4E+08	0.33	0.12	P62754
Copb1	1.2E+08	0.33	0.12	Q9JIF7
Gmds	4.3E+07	0.33	0.12	Q8K0C9

Fermt2	1.4E+08	0.32	0.12	Q8CIB5
Pepd	7.4E+07	0.32	0.12	Q11136
Prepl	3.7E+08	0.32	0.12	Q8C167
Rac1	5.0E+09	0.32	0.12	P63001
Wasf1	8.5E+08	0.32	0.12	Q8R5H6
Ptprd	7.0E+08	0.32	0.12	G3UX60
Srsf7	3.1E+08	0.31	0.12	A0A3Q4EH04
Psmc2	4.4E+08	0.31	0.12	P46471
Zc2hc1a	1.6E+08	0.31	0.11	Q8BJH1
Ubqln1	2.6E+08	0.31	0.11	Q8R317
Tom1l2	1.2E+09	0.30	0.11	Q5SRX1
RTRAF	1.5E+08	0.30	0.11	Q9CQE8
Gpm6a	3.2E+09	0.30	0.11	P35802
Ndufaf2	1.4E+08	0.30	0.11	Q59J78
Maoa	4.7E+08	0.30	0.11	Q64133
Ndufb4	6.5E+08	0.30	0.11	Q9CQC7
Mccc1	2.4E+08	0.29	0.11	Q99MR8
Serpina1c	3.2E+08	0.29	0.11	Q00896
Gng3	4.8E+08	0.29	0.11	P63216
Atp5f1a	7.4E+10	0.29	0.11	Q03265
Rab3a	1.2E+10	0.29	0.11	P63011
Cul5	9.2E+07	0.29	0.11	E9Q6Z0
Upf1	1.1E+08	0.29	0.11	Q9EPU0
Fabp5	1.8E+09	0.29	0.11	Q05816
Pgd	5.2E+08	0.28	0.10	Q9DCD0
Pdxdp	7.0E+08	0.28	0.10	P60487
Dnm2	1.9E+08	0.28	0.10	Q3TCR7
Srsf3	7.4E+08	0.28	0.10	P84104
Tollip	5.5E+08	0.28	0.10	Q8C5G6
Dld	7.9E+09	0.27	0.10	O08749
Pip4k2a	4.7E+08	0.27	0.10	O70172
St13	1.2E+09	0.27	0.10	F8WJK8
Rapgef2	6.4E+08	0.27	0.10	A0A0A6YWG7
Kifap3	9.7E+07	0.27	0.10	P70188
Copa	2.2E+08	0.26	0.10	F8WHL2
Shroom2	6.5E+07	0.26	0.10	A2ALU4
Sucla2	5.5E+09	0.26	0.10	Q9Z2I9
Camk2n1	8.6E+07	0.26	0.09	Q6QWF9
Arhgef12	3.4E+07	0.26	0.09	Q8R4H2
Hnrnpm	1.5E+09	0.26	0.09	Q9D0E1
Gphn	1.3E+09	0.26	0.09	Q8BUV3
Ap2a1	1.1E+10	0.26	0.09	P17426
Eef1a1	1.6E+10	0.25	0.09	P10126
Arpc5l	8.9E+08	0.25	0.09	Q9D898

Ggct	4.3E+07	0.25	0.09	Q9D7X8
Atp6v1f	6.0E+08	0.25	0.09	Q9D1K2
Coro1c	7.5E+08	0.25	0.09	Q9WUM4
Btbd17	2.4E+08	0.24	0.09	Q9DB72
Hmga1	1.8E+08	0.24	0.09	P17095
Phyhipl	1.2E+09	0.24	0.09	Q8BGT8
Ndufs2	7.8E+08	0.24	0.09	Q91WD5
Ctnna1	1.3E+08	0.24	0.09	P26231
Capn2	4.7E+08	0.24	0.09	O08529
Nono	5.5E+08	0.24	0.09	Q99K48
Arfgef3	5.6E+07	0.24	0.09	A0A1N9M5I8
Tubb3	2.2E+10	0.24	0.09	Q9ERD7
Pdcd5	3.4E+08	0.23	0.09	P56812
Mtch2	4.9E+08	0.23	0.08	Q791V5
Gna11	4.3E+08	0.23	0.08	P21278
Igsf8	2.5E+09	0.23	0.08	G3UYZ1
Eno1	5.5E+10	0.23	0.08	P17182
Gria2	1.1E+08	0.22	0.08	E9QKC0
Gak	6.7E+07	0.22	0.08	A0A0R4J0F6
Ap2s1	1.2E+09	0.22	0.08	P62743
Sbf1	3.8E+08	0.22	0.08	Q6ZPE2
Dctn1	2.5E+09	0.22	0.08	E9Q3M3
Slc30a3	1.7E+08	0.22	0.08	P97441
Tpm1	2.8E+09	0.21	0.08	G5E8R0
Actr3b	4.7E+08	0.21	0.08	Q641P0
Anxa3	8.2E+07	0.21	0.08	O35639
Gjc3	8.2E+07	0.20	0.07	Q921C1
Mat2b	1.0E+08	0.20	0.07	Q99LB6
Adgrl3	8.1E+07	0.20	0.07	F6WMY5
Sipa111	1.5E+08	0.20	0.07	Q8C0T5
Ppa1	1.2E+09	0.19	0.07	Q9D819
Gpx1	2.7E+08	0.19	0.07	A0A0A6YY34
Ttr	3.7E+08	0.19	0.07	P07309
Psemb1	6.8E+08	0.19	0.07	O09061
Amer2	7.1E+07	0.18	0.07	A0A0R4J030
Macf1	9.7E+08	0.18	0.06	E9PVY8
Grpel1	3.9E+07	0.18	0.06	Q99LP6
Tpd52l2	2.1E+08	0.18	0.06	Q3TUJ9
Sf3b2	1.3E+08	0.18	0.06	A0A494B9S9
Prkaa1	9.5E+07	0.17	0.06	Q3TUQ7
Rheb	3.1E+08	0.17	0.06	Q921J2
Fkbp8	3.6E+08	0.17	0.06	O35465
Hnrnpa3	4.1E+09	0.17	0.06	Q8BG05
Sgtb	1.3E+08	0.16	0.06	Q8VD33

Phactr1	3.4E+08	0.16	0.06	Q2M3X8
Faf2	8.8E+07	0.16	0.06	Q3TDN2
Pafah1b3	1.4E+08	0.16	0.06	D3Z2X5
Nhp2	2.2E+07	0.16	0.06	Q9CRB2
Suc1g1	1.8E+09	0.15	0.05	Q9WUM5
Ckmt1	1.9E+10	0.14	0.05	P30275
Mff	3.8E+08	0.14	0.05	Q6PCP5
Aifm1	8.0E+08	0.14	0.05	B1AU25
Ppm1a	6.0E+08	0.14	0.05	P49443
Asap1	1.8E+08	0.14	0.05	H3BKD4
Ndufa5	5.2E+08	0.14	0.05	Q9CPP6
Rpl6	9.8E+08	0.14	0.05	P47911
Psmc7	2.3E+08	0.14	0.05	P26516
Psd3	5.6E+08	0.14	0.05	E9PUC5
Hist1h2bp	7.0E+09	0.14	0.05	Q8CGP2
Epn1	1.4E+09	0.14	0.05	Q80VP1
Mtch1	2.0E+08	0.14	0.05	A0A3Q4EG99
Actr1b	2.0E+09	0.13	0.05	Q8R5C5
Nt5dc3	4.4E+08	0.13	0.05	Q3UHB1
Fam177a1	1.4E+08	0.13	0.05	Q8BR63
Vbp1	8.3E+07	0.13	0.04	Q3TIR6
Cops6	2.2E+08	0.12	0.04	O88545
Gnaz	1.2E+09	0.12	0.04	O70443
Aco1	2.4E+08	0.12	0.04	P28271
Blvra	4.4E+08	0.12	0.04	Q9CY64
Epb41l2	2.0E+09	0.12	0.04	Q80UE4
Mtco2	4.4E+09	0.12	0.04	P00405
Abhd12	3.8E+08	0.12	0.04	Q99LR1
Hnrnpf	1.4E+08	0.12	0.04	Q9Z2X1
Ppp1r1b	1.8E+09	0.12	0.04	Q60829
Tcp1	2.1E+09	0.12	0.04	P11983
Slc4a4	2.9E+09	0.11	0.04	E9Q8N8
Eif5	1.3E+08	0.11	0.04	Q8BVV6
Rbbp4	1.3E+08	0.11	0.04	Q60972
Chtop	1.1E+08	0.11	0.04	E9PW20
Nptxr	1.7E+08	0.11	0.04	F7BX42
Elmo2	4.1E+07	0.11	0.04	Q8BHL5
Ipo5	3.4E+08	0.11	0.04	Q8BKC5
Srm	2.6E+08	0.11	0.04	Q64674
Paccin2	1.8E+08	0.10	0.03	Q9WVE8
Gnai3	8.7E+07	0.10	0.03	Q9DC51
Lypla2	2.7E+08	0.09	0.03	Q9WTL7
Nf1	9.0E+07	0.09	0.03	Q04690
Abrac1	2.3E+08	0.09	0.03	A0A1W2P7X0

Tra2a	4.5E+07	0.09	0.03	A0A0N4SVC2
Rpl10	2.8E+08	0.09	0.03	I7HLV2
Tagln2	5.6E+07	0.08	0.03	Q9WVA4
Rps19	8.3E+08	0.08	0.03	D3YUT3
Pitpnc1	7.0E+07	0.07	0.02	Q8K4R4
Agfg1	2.2E+08	0.07	0.02	A0A087WNV1
Napg	3.7E+09	0.07	0.02	Q9CWZ7
Atp5mf	4.1E+09	0.07	0.02	P56135
Xpnpep1	3.9E+08	0.07	0.02	A0A494BBG8
Eif3c	2.4E+08	0.07	0.02	Q8R1B4
Tom1	2.8E+08	0.06	0.02	O88746
Mpi	2.8E+08	0.06	0.02	Q924M7
Svop	8.4E+07	0.06	0.02	Q8BFT9
Dnajc5	4.4E+09	0.06	0.02	P60904
Gmfb	8.8E+08	0.06	0.02	A0A2I3BR94
Wars1	7.3E+08	0.06	0.02	P32921
Acad9	5.3E+08	0.05	0.02	Q8JZN5
Atp1a3	1.6E+11	0.05	0.02	Q6PIC6
Pcdhgc5	1.2E+08	0.05	0.02	Q91XW9
Scn2b	4.1E+08	0.05	0.02	Q56A07
Lgi1	1.4E+09	0.05	0.02	A0A0G2JGB7
Fscn1	3.0E+09	0.05	0.02	Q61553
Anxa2	1.6E+08	0.05	0.02	B0V2N8
Camkk2	6.1E+07	0.04	0.01	A0A0G2JET2
Psmd6	4.8E+08	0.04	0.01	Q99JI4
Hint1	1.9E+09	0.03	0.01	P70349
Pdk2	1.3E+08	0.02	0.01	Q9JK42
Ubqln2	1.2E+09	0.02	0.01	Q9QZM0
Rpl30	3.2E+08	0.02	0.01	A0A2I3BQF4
Psip1	8.4E+08	0.02	0.01	Q99JF8
Dbnl	1.0E+09	0.02	0.01	Q62418
Camsap3	6.6E+07	0.02	0.01	Q80VC9
Atp5f1d	4.5E+09	0.01	0.00	Q9D3D9
Bcr	1.1E+08	0.01	0.00	Q6PAJ1
Pfkip	5.6E+09	0.01	0.00	Q8C605
Glrx3	2.6E+08	0.00	0.00	Q9CQM9
Dhx15	1.3E+08	0.00	0.00	O35286
Cct2	3.6E+09	0.00	0.00	P80314
Gstm5	1.5E+09	-0.01	0.00	P48774
Eif3h	6.6E+07	-0.01	0.00	Q91WK2
Hnrnpr	3.0E+08	-0.01	0.00	Q8VHM5
Cdv3	5.3E+08	-0.02	0.01	A0A087WNP6
Sh3gl2	1.2E+10	-0.02	0.01	Q62420
Map1lc3a	9.5E+08	-0.02	0.01	Q91VR7

Mras	1.1E+08	-0.02	0.01	D3Z2V6
Eci2	1.6E+08	-0.02	0.01	E9Q7A8
Slc25a4	3.6E+10	-0.02	0.01	P48962
Anxa7	6.9E+08	-0.03	0.01	A0A2C9F2D2
Crk	4.1E+08	-0.03	0.01	Q64010
Atxn2l	5.7E+07	-0.03	0.01	Q7TQH0
Rps5	8.0E+08	-0.03	0.01	D3YYM6
Limch1	5.5E+07	-0.04	0.01	D3YU59
Aldh1a1	3.6E+08	-0.04	0.01	P24549
Rtn1	5.6E+08	-0.04	0.01	Q7M6W1
Gng12	8.8E+08	-0.04	0.01	A0A0N4SW28
Glo1	9.7E+08	-0.04	0.01	Q9CPU0
Ablim1	2.6E+08	-0.04	0.01	E9Q030
Rps13	2.9E+08	-0.04	0.01	P62301
Kif1a	4.9E+08	-0.05	0.02	E9QAN4
Dmxl1	1.4E+07	-0.05	0.02	Q6PNC0
Calcoco1	6.5E+07	-0.05	0.02	A0A2R8VHU8
Ccny	2.1E+08	-0.05	0.02	Q8BGU5
Acot11	2.4E+08	-0.05	0.02	Q8VHQ9
Anp32a	5.8E+08	-0.05	0.02	F6UFG6
Map1lc3b	8.5E+08	-0.06	0.02	Q9CQV6
Nucks1	1.0E+08	-0.06	0.02	A0A087WRY3
Atp5mg	1.2E+09	-0.06	0.02	Q9CPQ8
Prxl2a	2.4E+08	-0.06	0.02	Q9CYH2
Psmd12	2.5E+08	-0.06	0.02	Q3TRH2
Hdgf	5.1E+08	-0.06	0.02	P51859
Ehd3	1.2E+09	-0.06	0.02	Q9QXY6
Amph	5.5E+09	-0.06	0.02	Q7TQF7
Gabra1	1.8E+08	-0.07	0.02	P62812
Map6	1.4E+10	-0.07	0.02	Q7TSJ2
Sf1	1.2E+08	-0.07	0.02	D3YVH4
Zfr	5.0E+07	-0.07	0.02	O88532
Prpf19	1.2E+08	-0.07	0.03	Q99KP6
Scamp3	2.2E+08	-0.07	0.03	E9Q855
Ube2v1	1.9E+09	-0.07	0.03	Q9CZY3
Sptbn1	4.7E+10	-0.08	0.03	Q62261
Gsk3a	3.5E+08	-0.08	0.03	D3Z7E5
Csnk2b	2.7E+08	-0.08	0.03	G3UZJ5
Ablim2	2.6E+08	-0.08	0.03	Q8BL65
Rabep1	1.2E+08	-0.08	0.03	O35551
Cops8	4.9E+08	-0.08	0.03	Q8VBV7
Sqstm1	3.8E+07	-0.08	0.03	D3YZJ1
Nrxn3	3.4E+08	-0.08	0.03	E9Q2X2
Wasf3	1.3E+08	-0.08	0.03	Q8VHI6

Sarnp	1.5E+08	-0.08	0.03	Q9D1J3
Mus	2.6E+08	-0.09	0.03	Q8C3W1
Ppp1cb	8.7E+08	-0.09	0.03	P62141
Prmt5	6.9E+07	-0.09	0.03	A0A0R4J049
Dnaja2	5.4E+08	-0.09	0.03	Q9QYJ0
Brk1	1.1E+08	-0.09	0.03	Q91VR8
Idh3b	7.5E+09	-0.09	0.03	Q91VA7
Phpt1	1.6E+08	-0.10	0.03	Q9DAK9
Ilf3	2.5E+08	-0.10	0.03	Q9Z1X4
Sncb	7.9E+09	-0.10	0.04	Q91ZZ3
Syng3	9.8E+08	-0.11	0.04	Q8R191
C2cd2l	4.5E+08	-0.11	0.04	Q80X80
Trim28	3.0E+08	-0.11	0.04	Q62318
Tfam	1.7E+08	-0.11	0.04	D3Z0F3
Eif3b	2.8E+08	-0.11	0.04	Q8JZQ9
Atp6v0d1	1.3E+09	-0.11	0.04	P51863
Psm3	5.2E+08	-0.12	0.04	O70435
Cask	3.6E+08	-0.12	0.04	A0A067XG53
Rpsa	1.8E+09	-0.12	0.04	P14206
Hspa12b	1.3E+08	-0.12	0.04	Q9CZJ2
Syncp	6.6E+08	-0.12	0.04	A0A0R4J259
Psm4	5.7E+08	-0.12	0.04	Q9R1P0
Eef1g	2.5E+09	-0.12	0.04	Q9D8N0
Bri3bp	4.9E+07	-0.12	0.04	Q8BXV2
Vps51	8.2E+07	-0.12	0.04	Q3UVL4
Dync1h1	1.7E+10	-0.13	0.04	Q9JHU4
Ak1	2.9E+09	-0.13	0.04	Q9R0Y5
Rtcb	6.9E+08	-0.13	0.04	Q99LF4
Acadsb	2.7E+08	-0.13	0.05	Q9DBL1
Armc6	1.5E+08	-0.13	0.05	Q8BNU0
Usp5	5.4E+09	-0.13	0.05	Q3U4W8
Atp2b2	7.0E+07	-0.13	0.05	S4R1C4
Tardbp	6.3E+08	-0.14	0.05	Q921F2
Psm5	9.1E+08	-0.14	0.05	Q9Z2U1
Psm1	7.8E+07	-0.14	0.05	G3UXZ5
Mpc2	5.6E+08	-0.14	0.05	Q9D023
Cyrib	1.8E+09	-0.14	0.05	Q921M7
Fabp3	1.2E+09	-0.14	0.05	P11404
Myh9	5.0E+08	-0.15	0.05	Q8VDD5
Tprgl	3.3E+08	-0.15	0.05	B1AX95
Slc25a5	1.2E+10	-0.15	0.05	P51881
Ptms	6.1E+08	-0.15	0.05	Q9D0J8
Srp2	1.2E+08	-0.15	0.05	A0A0R4J124
Eno2	3.3E+10	-0.15	0.05	P17183

Sf3b1	1.0E+08	-0.16	0.06	G5E866
Tfrc	8.7E+07	-0.16	0.06	Q62351
Ahcyl1	5.1E+09	-0.16	0.06	Q80SW1
Eef1d	9.4E+08	-0.16	0.06	E9QN08
Rabggta	1.6E+08	-0.16	0.06	Q9JHK4
Dmd	5.6E+07	-0.16	0.06	A0A1Q1PRS4
Srsf5	2.4E+08	-0.16	0.06	O35326
Rplp2	2.0E+09	-0.17	0.06	P99027
Ppme1	9.6E+08	-0.17	0.06	Q8BVQ5
Blmh	2.2E+08	-0.18	0.06	Q8R016
Dgki	8.0E+07	-0.18	0.06	D3Z2W1
Ncs1	3.5E+08	-0.18	0.06	Q8BNY6
Plch2	7.1E+07	-0.18	0.06	A2AP18
Psmc9	2.0E+08	-0.18	0.06	Q9CR00
Dock3	6.2E+07	-0.19	0.07	F8VPQ1
Kars1	1.4E+08	-0.19	0.07	Q99MN1
Copz1	1.5E+08	-0.19	0.07	P61924
Tmsb4x	1.4E+08	-0.19	0.07	P20065
Aip	1.0E+08	-0.19	0.07	O08915
D430041D05Rik	3.3E+07	-0.19	0.07	F6ZGR6
Pip5k1c	1.2E+09	-0.19	0.07	O70161
Rap1gap2	2.2E+08	-0.19	0.07	Q5SVL6
Arhgap32	1.4E+08	-0.20	0.07	Q811P8
Agap3	3.1E+08	-0.21	0.07	F8VQE9
Itpa	4.1E+08	-0.21	0.07	Q9D892
Etfa	1.9E+09	-0.21	0.07	Q99LC5
Akr1b10	2.1E+08	-0.21	0.07	G5E895
Emd	1.0E+08	-0.21	0.08	Q3THM8
Acot7	4.3E+09	-0.21	0.08	Q91V12
Mdh2	4.6E+10	-0.21	0.08	P08249
Nap1l1	1.4E+09	-0.21	0.08	Q3TF41
Rpn1	5.1E+08	-0.21	0.08	Q91YQ5
Gart	2.4E+08	-0.21	0.08	Q64737
Polr2m	1.8E+08	-0.22	0.08	A0A3B2WBC6
Ppp1r11	2.4E+08	-0.22	0.08	G3UZ30
Slc16a1	2.2E+08	-0.22	0.08	P53986
Usp8	3.7E+07	-0.22	0.08	Q80U87
Fh	5.1E+09	-0.22	0.08	P97807
Mpdu1	4.2E+07	-0.22	0.08	Q8R0J2
Stk24	1.1E+08	-0.22	0.08	Q99KH8
Atp2a2	6.2E+09	-0.23	0.08	O55143
Tuba1b	2.1E+11	-0.23	0.08	P05213
Psmb5	2.2E+08	-0.23	0.08	O55234
Actg1	3.8E+09	-0.23	0.08	P63260

Septin3	2.9E+09	-0.23	0.08	A0A2R8W6V9
Rab23	1.1E+08	-0.24	0.09	Q9D4I9
Tnks1bp1	5.0E+07	-0.24	0.09	P58871
Fxyd7	2.1E+08	-0.24	0.09	A0A0U1RPY2
Calb2	2.8E+09	-0.24	0.09	Q08331
Hcfc1	1.1E+08	-0.24	0.09	Q61191
Nfasc	5.8E+08	-0.24	0.09	Q810U3
Timm44	1.5E+08	-0.25	0.09	O35857
Abhd16a	8.0E+07	-0.25	0.09	Q9Z1Q2
Sgta	4.1E+08	-0.25	0.09	Q8BJU0
Nfu1	9.9E+07	-0.25	0.09	A0A0N4SUH8
Serpina1b	9.2E+08	-0.26	0.09	P22599
Jpt1	2.1E+08	-0.26	0.09	P97825
Mcts1	9.2E+07	-0.26	0.09	Q9DB27
Tuba4a	2.0E+10	-0.26	0.09	P68368
Chchd6	1.2E+08	-0.26	0.10	E9Q4M4
Naca	4.1E+08	-0.26	0.10	Q60817
Gabrg2	4.3E+07	-0.26	0.10	Q8C7N0
Arhgap21	3.2E+07	-0.27	0.10	G3UWM5
Arl8a	1.0E+09	-0.27	0.10	F6QKK2
Ptbp2	2.6E+08	-0.27	0.10	Q91Z31
Clybl	1.3E+08	-0.28	0.10	Q8R4N0
Paccin2	1.0E+08	-0.28	0.10	A0A338P6P7
Ero1a	5.8E+07	-0.28	0.10	Q8R180
Cenpv	2.7E+08	-0.29	0.11	Q9CXS4
H2ac20	1.4E+10	-0.29	0.11	Q64523
Synj2bp	1.3E+08	-0.29	0.11	Q9D6K5
Cntn1	9.2E+09	-0.29	0.11	P12960
Dst	1.3E+08	-0.29	0.11	Q91ZU6
Tubb4a	2.1E+10	-0.30	0.11	Q9D6F9
Dync1i1	7.6E+08	-0.31	0.11	O88485
Hnrnph3	1.4E+08	-0.31	0.11	D3YWT1
Atp6v1e1	4.2E+09	-0.31	0.12	P50518
Lrpap1	1.9E+08	-0.31	0.12	P55302
C1qbp	1.2E+09	-0.31	0.12	Q8R5L1
Coro2b	6.3E+08	-0.31	0.12	Q8BH44
Ppa2	4.8E+08	-0.31	0.12	Q91VM9
Eif3j1	1.6E+08	-0.32	0.12	Q3UGC7
Mtpn	1.6E+09	-0.32	0.12	P62774
Specc1	6.8E+07	-0.32	0.12	A0A0J9YUF8
Dync1i2	6.3E+08	-0.32	0.12	Q3TPJ8
Tpm3	1.1E+10	-0.33	0.12	E9Q7Q3
Mif	4.5E+09	-0.33	0.12	P34884
Nsfl1c	1.3E+09	-0.33	0.12	Q9CZ44

Myl12b	9.3E+08	-0.33	0.12	Q3THE2
Dclk2	1.0E+08	-0.33	0.12	A0A0A6YX33
Eps15l1	5.1E+08	-0.33	0.12	Q60902
Pkm	6.3E+10	-0.33	0.13	P52480
Napb	7.4E+09	-0.33	0.13	P28663
Slc6a17	2.7E+08	-0.33	0.13	A0A0R4J087
Eif4g1	2.5E+08	-0.34	0.13	A0A0J9YUS5
Ube2o	7.7E+08	-0.34	0.13	Q6ZPJ3
Psm5	2.9E+08	-0.34	0.13	Q8BJY1
Dpp6	1.6E+09	-0.35	0.13	Q80VM5
Calu	2.2E+08	-0.35	0.13	Q6XLQ8
Rps17	7.1E+08	-0.35	0.13	P63276
Rack1	1.3E+09	-0.35	0.13	P68040
Eef2	4.3E+09	-0.35	0.13	P58252
Tceal3	5.6E+08	-0.35	0.13	A2AEC2
Macroh2a1	1.3E+09	-0.35	0.13	Q9QZQ8
Itpr1	4.3E+08	-0.36	0.13	P11881
Pfdn4	9.6E+07	-0.36	0.14	E9Q6U4
Prkca	5.8E+08	-0.36	0.14	Q4VA93
Idh3g	4.2E+09	-0.36	0.14	P70404
Praf2	2.2E+08	-0.36	0.14	Q9JIG8
Trim2	1.1E+09	-0.36	0.14	Q9ESN6
Agk	1.9E+08	-0.36	0.14	Q9ESW4
Rab3c	2.1E+09	-0.37	0.14	P62823
Fam171b	6.0E+07	-0.37	0.14	Q14CH0
Serpina1e	2.0E+08	-0.37	0.14	Q00898
Slc1a2	1.7E+10	-0.37	0.14	P43006
Get3	4.4E+08	-0.37	0.14	O54984
H2aj	1.6E+09	-0.37	0.14	A0A0N4SV66
Pvalb	1.2E+09	-0.37	0.14	P32848
Plxna1	7.3E+07	-0.38	0.14	P70206
Rps12	1.1E+09	-0.38	0.14	Q6ZWZ6
Csnk2a2	1.1E+08	-0.38	0.15	O54833
Dmxl2	2.5E+09	-0.38	0.15	Q8BPN8
Pgrmc2	1.4E+08	-0.39	0.15	Q80UU9
Psm13	4.2E+08	-0.39	0.15	Q9WVJ2
Eif3e	2.0E+08	-0.39	0.15	P60229
Capzb	3.0E+09	-0.39	0.15	A2AMW0
Nrbp2	6.0E+07	-0.39	0.15	Q91V36
Rab2a	2.6E+09	-0.39	0.15	P53994
Prkar2a	1.4E+09	-0.39	0.15	A0A0A6YX73
Fkbp3	3.2E+08	-0.40	0.15	Q62446
Coro1b	4.3E+08	-0.40	0.15	Q9WUM3
Dstn	1.4E+09	-0.40	0.15	Q9R0P5

Eif2s3x	4.4E+08	-0.40	0.15	Q9Z0N1
Iars2	6.5E+08	-0.40	0.15	Q8BIJ6
Rab18	3.5E+08	-0.40	0.15	P35293
Wipf3	2.7E+08	-0.40	0.15	D3Z5R4
Idh2	1.3E+09	-0.41	0.16	P54071
Samm50	1.4E+08	-0.41	0.16	Q8BGH2
Vapb	1.6E+09	-0.41	0.16	Q8BH80
Adcy9	1.5E+08	-0.41	0.16	P51830
Fhl1	1.6E+08	-0.42	0.16	A2AEX7
Dtd1	2.8E+08	-0.42	0.16	Q9DD18
Sfxn3	4.4E+09	-0.42	0.16	Q91V61
Coasy	5.7E+07	-0.42	0.16	Q9DBL7
Gapdh	1.3E+11	-0.42	0.16	P16858
Tomm70	2.2E+09	-0.42	0.16	Q9CZW5
Prep	3.3E+08	-0.42	0.16	Q9QUR6
Rpl23	4.7E+08	-0.42	0.16	P62830
Nceh1	8.2E+08	-0.43	0.16	Q8BLF1
Eif5a	1.2E+09	-0.43	0.16	P63242
Tra2b	8.3E+07	-0.43	0.17	F8WJG3
Fxr2	1.1E+08	-0.43	0.17	Q6P5B5
Ssb	1.5E+08	-0.43	0.17	P32067
Adam23	2.3E+08	-0.43	0.17	Q9R1V7
Rps2	8.6E+08	-0.44	0.17	P25444
Cct4	2.2E+09	-0.44	0.17	P80315
Stx16	5.6E+07	-0.44	0.17	Q8BVI5
Prkcb	2.9E+09	-0.44	0.17	P68404
Slc6a1	3.3E+09	-0.44	0.17	P31648
Ncam1	4.4E+08	-0.45	0.17	A0A0A6YY91
Rpl10a	1.1E+09	-0.45	0.17	A0A3B2WDD2
Tiam2	1.6E+08	-0.45	0.17	Q6ZPF3
Pcmt1	2.6E+09	-0.45	0.17	P23506
Syt1	1.2E+10	-0.45	0.18	P46096
Tmem163	1.8E+08	-0.45	0.18	Q8C996
Inpp4a	4.8E+08	-0.46	0.18	E9Q9A0
Atg9a	4.4E+07	-0.46	0.18	A0A087WP33
Htt	1.3E+08	-0.46	0.18	P42859
Cacna1e	4.3E+07	-0.46	0.18	E9QK20
Ctnnb1	2.3E+09	-0.46	0.18	Q02248
Atp1a1	1.9E+10	-0.46	0.18	Q8VDN2
Flna	2.4E+08	-0.46	0.18	B7FAU9
Gas7	2.3E+08	-0.47	0.18	B1ATI9
Rpl36	7.7E+07	-0.47	0.18	Q6ZWZ4
Hnrnpab	2.7E+08	-0.47	0.18	Q99020
Carmil2	2.1E+08	-0.47	0.19	S0DHL8

Hdhd2	7.5E+08	-0.48	0.19	Q3UGR5
Eea1	2.2E+08	-0.49	0.19	Q8BL66
Gprin3	2.7E+07	-0.49	0.19	Q8BWS5
Acot9	3.0E+08	-0.49	0.19	Q9R0X4
Trap1	2.6E+08	-0.50	0.20	Q9CQN1
Apex1	9.0E+07	-0.50	0.20	D3Z124
Pex5l	3.1E+08	-0.50	0.20	F8SLP9
Syn3	3.4E+08	-0.50	0.20	Q8JZP2
Itm2c	8.3E+07	-0.51	0.20	A0A087WRM2
Ube3a	1.4E+08	-0.51	0.20	O08759
Cnksr2	2.6E+08	-0.51	0.20	Q80YA9
Pfn1	1.1E+09	-0.51	0.20	Q5SX49
GlrX	2.5E+08	-0.51	0.20	Q9QUH0
Hspd1	2.3E+10	-0.51	0.20	P63038
Vcl	5.3E+08	-0.51	0.20	Q64727
Dpp3	2.4E+08	-0.52	0.20	Q99KK7
Hibch	2.5E+08	-0.52	0.21	Q8QZS1
Gnl1	2.9E+08	-0.52	0.21	P36916
Slc8a2	2.6E+09	-0.52	0.21	Q8K596
Pafah1b2	1.2E+09	-0.52	0.21	Q61206
Ptpn11	3.6E+08	-0.52	0.21	P35235
Ppp1cc	4.7E+08	-0.53	0.21	P63087
Nudc	2.6E+08	-0.53	0.21	O35685
Hbb-bs	1.6E+11	-0.53	0.21	A8DUK4
Tubb2a	6.1E+10	-0.54	0.21	Q7TMM9
Psmc5	5.1E+08	-0.54	0.22	P62196
Ldhb	2.2E+10	-0.54	0.22	P16125
Ndufs4	2.4E+08	-0.54	0.22	E9QPX3
Map2k4	6.7E+08	-0.54	0.22	P47809
Slc9a1	1.5E+08	-0.54	0.22	Q61165
Celf2	4.2E+08	-0.54	0.22	A0A0R4J2B0
Atp5po	6.7E+09	-0.55	0.22	Q9DB20
Cyb5a	4.1E+08	-0.55	0.22	G5E850
Psmc6	8.7E+08	-0.55	0.22	P62334
Pebp1	1.7E+10	-0.55	0.22	P70296
Gdpd1	1.2E+08	-0.55	0.22	Q9CRY7
Katnal2	5.1E+08	-0.56	0.22	D3Z0U5
Pdia4	3.9E+08	-0.56	0.23	P08003
Cct3	4.0E+09	-0.56	0.23	P80318
Gls	4.2E+09	-0.57	0.23	D3Z7P3
Ndufv2	7.8E+08	-0.57	0.23	Q9D6J6
Etfb	1.4E+09	-0.57	0.23	Q9DCW4
Prkcsh	2.1E+08	-0.57	0.23	O08795
Acbd3	4.0E+07	-0.57	0.23	A0A0R4J079

Rab1b	3.6E+09	-0.57	0.23	Q9D1G1
Acsf6	1.5E+09	-0.57	0.23	Q5ICG5
Kif2a	6.5E+08	-0.58	0.23	E0CZ72
Khdrbs1	2.7E+08	-0.58	0.23	Q60749
Abl2	7.9E+07	-0.59	0.24	B2RQ57
Fkbp4	2.2E+08	-0.59	0.24	P30416
Slc12a5	2.4E+09	-0.59	0.24	Q91V14
Tmem30a	2.3E+08	-0.59	0.24	Q8VEK0
Nif3l1	7.5E+07	-0.59	0.24	D3Z0G0
Snap91	4.1E+09	-0.59	0.24	E9Q9A3
Vcpip1	1.4E+08	-0.59	0.24	A0A0R4J0M9
Rcn2	6.2E+08	-0.59	0.24	Q8BP92
Cdc42	1.4E+09	-0.59	0.24	P60766
Txnrd1	2.5E+08	-0.59	0.24	Q9JMH6
Plcb1	4.3E+09	-0.60	0.24	Q9Z1B3
Fam169a	5.6E+07	-0.60	0.24	Q5XG69
Camk2g	8.8E+08	-0.60	0.24	A0A2I3BQP6
Ddost	1.2E+08	-0.61	0.25	O54734
Thop1	3.4E+08	-0.61	0.25	A0A0R4IZY0
P4hb	8.9E+08	-0.61	0.25	P09103
Crocc	2.3E+07	-0.61	0.25	Q8CJ40
Ppp6c	1.1E+08	-0.62	0.25	Q9CQR6
Snrpd1	2.0E+08	-0.62	0.25	P62315
Cfl1	1.8E+10	-0.63	0.26	P18760
Cct5	2.1E+09	-0.63	0.26	P80316
H1-0	8.7E+08	-0.63	0.26	P10922
Gm49601	7.2E+09	-0.63	0.26	A0A338P6R8
Hnrnpu	2.1E+09	-0.63	0.26	Q8VEK3
Rps11	2.2E+08	-0.63	0.26	P62281
Tanc2	5.8E+07	-0.63	0.26	A2A690
Cycs	5.4E+09	-0.63	0.26	P62897
Hook3	1.9E+08	-0.64	0.26	Q8BUK6
Mast1	4.8E+07	-0.64	0.26	Q9R1L5
Sec31a	1.9E+08	-0.64	0.26	Q3UPL0
Nckipsd	2.2E+08	-0.64	0.26	Q9ESJ4
Hba-a1	1.5E+11	-0.64	0.26	Q91VB8
6430548M08Rik	5.8E+08	-0.64	0.26	Q3TA40
Cyfp1	8.7E+07	-0.65	0.27	Q7TMB8
Eif4a1	2.1E+09	-0.65	0.27	P60843
Ugp2	7.3E+08	-0.65	0.27	Q91ZJ5
Gm8797	1.1E+10	-0.65	0.27	A0A0A6YW67
Mical3	9.0E+07	-0.66	0.27	A0A5F8MPF3
Slc1a4	2.4E+08	-0.66	0.27	Q5SSP3
Cul3	3.5E+08	-0.66	0.27	Q9JLV5

Ajm1	1.2E+08	-0.66	0.27	A2AJA9
Wdr13	2.4E+08	-0.66	0.27	Q91V09
Rbm14	1.3E+08	-0.66	0.27	Q8C2Q3
Mpp2	9.6E+08	-0.66	0.28	Q9WV34
Syng1	1.1E+09	-0.67	0.28	O55100
Tagln3	2.9E+09	-0.67	0.28	Q9R1Q8
Hsd17b10	1.2E+09	-0.67	0.28	A2AFQ2
Adss2	4.8E+08	-0.67	0.28	P46664
Ppp1r21	1.6E+08	-0.67	0.28	Q3TDD9
Hspa12a	3.9E+09	-0.68	0.28	Q8K0U4
Ppp2r1a	1.0E+10	-0.68	0.28	Q76MZ3
Rab5c	1.7E+09	-0.69	0.29	P35278
Stam	3.4E+08	-0.69	0.29	Q3UGN9
Serpina3k	1.1E+09	-0.69	0.29	A0A0R4J0I1
Dlg3	7.4E+08	-0.69	0.29	Q52KF7
Hspa8	5.2E+10	-0.69	0.29	P63017
Fau	1.4E+08	-0.69	0.29	P62862
Ncam1	1.1E+10	-0.70	0.29	P13595
Rtn4	5.0E+09	-0.70	0.29	Q99P72
Tbcd	4.7E+07	-0.70	0.29	Q8BYA0
Ddx3x	6.0E+08	-0.70	0.29	Q62167
Prune1	2.2E+08	-0.70	0.29	Q8BIW1
Rpl8	4.4E+08	-0.70	0.29	P62918
Ndr2	6.2E+09	-0.71	0.29	Q9QYG0
Sorbs1	1.9E+08	-0.71	0.30	A0A286YCI8
Mug1	1.5E+08	-0.71	0.30	P28665
Trio	3.1E+07	-0.72	0.30	Q0KL02
Dctn3	1.4E+08	-0.72	0.30	Q9Z0Y1
Hars1	3.0E+08	-0.72	0.30	Q61035
Iqsec1	7.0E+08	-0.73	0.30	A0A1D5RM83
Lrpprc	7.3E+08	-0.73	0.31	Q6PB66
Slc25a46	1.2E+08	-0.73	0.31	A0A3Q4L2U5
Huwe1	3.5E+08	-0.73	0.31	A2AFQ0
Sptan1	8.0E+10	-0.73	0.31	A3KGU7
Rps21	2.6E+08	-0.73	0.31	Q9CQR2
Smarcc2	9.6E+07	-0.73	0.31	Q3UID0
Arf5	1.5E+08	-0.74	0.31	P84084
Tmx2	2.4E+08	-0.74	0.31	D3Z2J6
Rap1gds1	3.5E+09	-0.74	0.31	E9Q912
Rab5b	4.8E+08	-0.74	0.31	P61021
Tmem65	4.3E+08	-0.74	0.31	Q4VAE3
Dnm1	3.2E+10	-0.74	0.31	A0A0J9YUN4
Tmod2	1.0E+09	-0.74	0.31	Q9JJK7
Rpl15	1.6E+08	-0.74	0.31	Q9CZM2

Ran	2.3E+09	-0.74	0.31	P62827
Sugt1	3.3E+08	-0.74	0.31	Q9CX34
Cadm3	2.4E+09	-0.74	0.31	Q99N28
Araf	8.6E+07	-0.75	0.31	P04627
Cand1	3.8E+09	-0.75	0.32	Q6ZQ38
Ank3	1.3E+07	-0.75	0.32	A0A087WNU5
Strn4	3.4E+08	-0.75	0.32	P58404
Ntrk2	2.1E+08	-0.75	0.32	P15209
Camk2b	8.0E+09	-0.75	0.32	P28652
Dgkb	2.8E+08	-0.75	0.32	Q6NS52
Brsk2	8.6E+07	-0.76	0.32	G3UZ19
Ehd1	4.3E+08	-0.76	0.32	Q9WVK4
Uba2	1.1E+08	-0.76	0.32	Q9Z1F9
Scrn3	2.7E+08	-0.77	0.33	Q3TMH2
Tpm4	1.7E+08	-0.77	0.33	Q6IRU2
Pgm2l1	9.1E+08	-0.77	0.33	Q8CAA7
Ywhae	3.4E+10	-0.77	0.33	P62259
Syne1	4.5E+07	-0.77	0.33	A0A1L1STC6
Mars1	9.9E+07	-0.77	0.33	E9QB02
Rab6a	5.4E+09	-0.77	0.33	P35279
Mthfd1l	1.9E+08	-0.78	0.33	Q3V3R1
Psemb2	7.1E+08	-0.78	0.33	Q9R1P3
Pdp1	1.2E+08	-0.78	0.33	Q3UV70
Prkce	1.1E+09	-0.78	0.33	P16054
Add1	5.7E+09	-0.79	0.34	F8WHZ9
Gm20390	7.5E+09	-0.79	0.34	E9PZF0
Rnmt	1.1E+09	-0.79	0.34	Q9D0L8
Pdia6	5.6E+08	-0.79	0.34	Q3TML0
Slc25a3	9.6E+09	-0.80	0.34	Q8VEM8
Pcyt2	8.4E+07	-0.80	0.34	A2ABY3
Pycr3	1.7E+08	-0.80	0.35	Q9DCC4
Cops2	6.1E+08	-0.81	0.35	P61202
RbmX	3.9E+08	-0.81	0.35	A2AFI4
Eif4e	1.9E+08	-0.81	0.35	A0A0G2JFB4
Mtfr1l	3.3E+08	-0.81	0.35	Q9CWE0
Ap2a2	7.6E+09	-0.81	0.35	P17427
Ddx39b	8.6E+08	-0.81	0.35	Q9Z1N5
Septin11	6.3E+09	-0.81	0.35	A0A0J9YTY0
Mapk10	1.2E+08	-0.81	0.35	Q3TQZ7
Ccsap	1.8E+08	-0.81	0.35	Q8QZT2
Vps53	3.8E+08	-0.82	0.35	E9PXG9
Stx7	3.0E+08	-0.82	0.35	Q8BH40
Inpp1	5.0E+08	-0.82	0.35	P49442
Camk1d	3.3E+08	-0.82	0.35	Q8BW96

Pgp	6.2E+08	-0.83	0.36	Q8CHP8
Igsf21	9.1E+07	-0.83	0.36	Q7TNR6
Cdk5	8.4E+08	-0.83	0.36	P49615
Ak3	4.4E+08	-0.83	0.36	Q9WTP7
Cdc37	1.0E+09	-0.83	0.36	Q61081
Nans	1.1E+08	-0.84	0.36	Q99J77
Trip12	1.5E+07	-0.84	0.36	A0A087WNZ7
Copg1	1.2E+08	-0.84	0.36	Q9QZE5
Shank1	6.5E+08	-0.84	0.37	D3YZU5
Grk2	2.7E+08	-0.84	0.37	Q99MK8
PsmA6	7.9E+08	-0.85	0.37	Q9QUM9
Uchl3	7.9E+08	-0.85	0.37	Q9JKB1
Atp1a2	1.9E+10	-0.85	0.37	Q6PIE5
Rpl12	1.2E+09	-0.85	0.37	P35979
Cdh2	8.5E+08	-0.85	0.37	D3YYT0
Farp1	5.1E+08	-0.85	0.37	F8VPU2
Erp44	2.6E+08	-0.85	0.37	Q9D1Q6
Hip1r	2.8E+08	-0.86	0.37	Q9JKY5
Sec22b	5.7E+08	-0.86	0.37	E9Q6R3
Rhoa	2.0E+09	-0.86	0.38	Q9QUI0
Pi4ka	6.0E+08	-0.86	0.38	E9Q3L2
Nbea	6.2E+08	-0.87	0.38	Q9EPN1
Atp5pf	2.5E+08	-0.87	0.38	P97450
Hgs	1.8E+08	-0.87	0.38	Q99LI8
Ptprs	3.9E+08	-0.87	0.38	B0V2N1
Kcnj10	1.2E+08	-0.87	0.38	Q9JM63
Pip4k2c	2.8E+08	-0.87	0.38	Q91XU3
Camk2a	3.8E+10	-0.88	0.38	P11798
Cd200	2.7E+08	-0.88	0.39	E9PZI9
Wnk2	1.3E+08	-0.88	0.39	E9Q6Q2
Comt	6.9E+07	-0.88	0.39	O88587
Cmpk1	1.1E+09	-0.88	0.39	Q9DBP5
Rnpep	1.2E+08	-0.88	0.39	E9PYF1
Tpm3-rs7	3.1E+08	-0.89	0.39	D3Z2H9
Arcn1	2.0E+08	-0.89	0.39	Q5XJY5
Npm1	9.4E+08	-0.89	0.39	Q5SQB0
Cpe	8.5E+08	-0.89	0.39	Q00493
Csnk1d	1.3E+08	-0.89	0.39	Q9DC28
Psmc1	4.7E+08	-0.89	0.39	P62192
Dynlrb1	1.1E+09	-0.89	0.39	P62627
Dlat	6.6E+09	-0.89	0.39	Q8BMF4
Rps4x	6.4E+08	-0.90	0.39	P62702
Gripap1	3.0E+08	-0.90	0.39	A2AEW9
Arhgap1	7.6E+08	-0.90	0.40	Q5FWK3

Tecpr1	1.2E+08	-0.90	0.40	Q80VP0
Dctn2	3.1E+09	-0.90	0.40	Q99KJ8
Dcps	1.1E+08	-0.90	0.40	Q9DAR7
Sars1	1.1E+09	-0.91	0.40	P26638
Mink1	4.6E+08	-0.91	0.40	Q9JM52
Vars1	5.7E+08	-0.92	0.41	Q9Z1Q9
Naxd	3.3E+08	-0.92	0.41	J3QN06
Nisch	9.2E+07	-0.93	0.41	Q80TM9
Ddx5	9.0E+08	-0.93	0.41	Q61656
Ndufb11	2.1E+08	-0.93	0.41	O09111
Ncald	1.6E+09	-0.94	0.41	Q91X97
Rps3	1.9E+09	-0.94	0.41	P62908
Gad1	6.6E+08	-0.94	0.41	P48318
Ubap2l	1.5E+08	-0.94	0.41	A0A0H2UH17
Mcu	6.0E+07	-0.94	0.42	Q3UMR5
Hint2	2.6E+08	-0.94	0.42	Q9D0S9
Apoo	7.1E+08	-0.94	0.42	Q9DCZ4
Fkbp1a	4.0E+09	-0.94	0.42	P26883
Syp	7.5E+09	-0.94	0.42	Q62277
Skp1	9.1E+08	-0.94	0.42	Q9WTX5
Serbp1	3.2E+08	-0.94	0.42	Q3UMP4
lqsec3	8.9E+07	-0.94	0.42	A0A0N4SWH8
Crip2	9.5E+08	-0.94	0.42	Q9DCT8
Cse1l	4.8E+09	-0.95	0.42	Q9ERK4
Cd47	1.4E+09	-0.95	0.42	A0A2R8W6P0
Stub1	9.8E+07	-0.96	0.43	Q9WUD1
Stim1	8.9E+07	-0.97	0.43	A0A1B0GR78
Gabrb1	2.5E+08	-0.97	0.43	P50571
Tbc1d10b	2.4E+08	-0.97	0.43	Q8BHL3
Map7d2	8.3E+07	-0.97	0.43	A2AG50
Pak3	1.2E+08	-0.97	0.43	Q61036
Mag	1.5E+09	-0.98	0.44	P20917
Adgrb3	3.5E+07	-0.98	0.44	Q80ZF8
Fn3krp	1.3E+08	-0.98	0.44	Q8K274
Pdap1	1.7E+08	-0.99	0.44	Q3UHX2
Rgs7	8.4E+08	-0.99	0.44	O54829
Sorbs2	3.4E+08	-0.99	0.44	Q3UTJ2
Ogdhl	2.6E+09	-0.99	0.44	B2RXT3
Adcy5	2.4E+08	-0.99	0.44	P84309
Tsc1	2.9E+07	-0.99	0.44	Q9EP53
Ppp5c	7.1E+08	-0.99	0.44	Q60676
Caskin1	1.5E+09	-0.99	0.44	Q6P9K8
Usp7	1.9E+08	-1.00	0.45	F8VPX1
Prrt2	1.8E+09	-1.00	0.45	E9PUL5

Otud6b	5.7E+07	-1.00	0.45	Q8K2H2
Pld3	3.5E+08	-1.00	0.45	O35405
Cadm2	2.4E+09	-1.00	0.45	Q8BLQ9
Gorasp2	1.1E+08	-1.01	0.45	A2ATI9
Ank3	1.4E+09	-1.01	0.45	S4R2K9
Septin6	3.0E+09	-1.01	0.45	Q9R1T4
Ubr4	2.7E+08	-1.01	0.45	A2AN08
Gnb5	5.8E+08	-1.01	0.45	P62881
Eif3a	1.7E+08	-1.01	0.45	P23116
Actc1	1.6E+10	-1.01	0.46	P68033
Ctnn	9.6E+08	-1.01	0.46	Q921L6
Gfm1	7.1E+07	-1.01	0.46	Q8K0D5
Sart1	2.1E+07	-1.01	0.46	Q9Z315
Gabrb3	9.6E+07	-1.02	0.46	Q8C446
Acaa1a	4.2E+08	-1.02	0.46	Q921H8
Ckb	1.0E+11	-1.02	0.46	Q04447
Ktn1	1.0E+08	-1.02	0.46	A0A087WQF8
Vat1l	9.2E+08	-1.03	0.46	Q80TB8
Plec	5.0E+09	-1.03	0.46	Q9QXS1
Mark3	8.1E+07	-1.03	0.47	Q03141
Arhgef2	3.1E+08	-1.03	0.47	H3BJU7
Crmp1	1.3E+10	-1.03	0.47	Q6P1J1
Lonp1	7.0E+08	-1.03	0.47	Q8CGK3
Ttn	7.2E+08	-1.04	0.47	A2ASS6
Cars1	9.6E+07	-1.04	0.47	Q9ER72
Erh	3.1E+08	-1.04	0.47	A0A1W2P7H9
Tmem132b	5.0E+07	-1.04	0.47	F7BAB2
Ncam1	4.9E+08	-1.04	0.47	E9QB01
Gdap1	4.4E+08	-1.04	0.47	O88741
Pacs1	9.3E+08	-1.04	0.47	Q8K212
Arhgef7	1.4E+08	-1.04	0.47	D3Z0V2
Larp1	1.1E+08	-1.05	0.47	Z4YJT3
Stx1b	1.3E+10	-1.05	0.48	P61264
Ola1	1.3E+09	-1.05	0.48	Q9CZ30
Scamp5	3.2E+08	-1.05	0.48	Q9JKD3
Psmd1	6.8E+08	-1.05	0.48	Q3TXS7
Uggt1	1.9E+08	-1.06	0.48	Q6P5E4
Rgs6	3.0E+08	-1.06	0.48	A0A087WSJ9
Ergic1	1.2E+08	-1.06	0.48	F6SLP4
Pfdn2	2.6E+08	-1.06	0.48	O70591
Tubb2b	1.3E+09	-1.06	0.48	Q9CWF2
Rps16	3.3E+08	-1.06	0.48	P14131
Canx	1.7E+09	-1.07	0.48	P35564
Uqcrh	1.1E+09	-1.07	0.49	P99028

Dnaja1	7.1E+08	-1.07	0.49	P63037
Fmn2	5.5E+07	-1.07	0.49	Q9JL04
Homer1	1.1E+09	-1.07	0.49	Q9Z2Y3
Eif4g2	9.1E+07	-1.07	0.49	F7CBP1
Tnpo2	8.4E+07	-1.08	0.49	Q99LG2
Atox1	1.0E+09	-1.08	0.49	O08997
Rps15a	4.5E+08	-1.08	0.49	P62245
Calr	2.1E+09	-1.08	0.49	P14211
Fam241b	1.0E+08	-1.08	0.50	D3Z7G3
Snx4	1.2E+08	-1.08	0.50	Q91YJ2
Ilf2	4.9E+08	-1.09	0.50	Q9CXY6
Ttc7b	3.1E+08	-1.09	0.50	E9Q6P5
G3bp2	2.9E+08	-1.09	0.50	P97379
Hebp1	2.9E+08	-1.09	0.50	A0A140T8J4
Tomm22	1.8E+08	-1.10	0.50	Q9CPQ3
Srsf2	3.3E+08	-1.10	0.50	Q62093
Ap1b1	1.8E+09	-1.10	0.50	Q5SVG5
Rps14	4.1E+08	-1.10	0.50	P62264
Slc25a11	2.2E+09	-1.11	0.51	Q9CR62
Mcee	1.0E+08	-1.11	0.51	Q9D1I5
Pak2	3.9E+08	-1.11	0.51	Q8CIN4
Nop58	9.1E+07	-1.11	0.51	Q6DFW4
Ncl	1.0E+09	-1.12	0.52	P09405
Dlgap1	7.5E+07	-1.13	0.52	Q3UVU8
Safb	1.3E+08	-1.13	0.52	S4R1M2
Pabpc1	1.1E+09	-1.13	0.52	P29341
Gdap1l1	7.3E+08	-1.13	0.52	Q8VE33
Stxbp5l	2.8E+08	-1.13	0.52	Q5DQR4
Mindy2	3.6E+07	-1.13	0.52	A0A1L1STF0
Mapk8ip3	1.9E+08	-1.13	0.52	E9Q6B6
Ube2d2a	3.5E+08	-1.13	0.52	A0A494BAN1
Mark1	1.7E+08	-1.14	0.53	Q8VHJ5
Rab14	3.5E+09	-1.15	0.53	Q91V41
Blvrb	1.8E+08	-1.15	0.53	Q923D2
Rars1	2.3E+08	-1.15	0.53	Q9D0I9
Cltb	1.8E+09	-1.15	0.53	Q6IRU5
Timm50	1.7E+08	-1.16	0.53	Q9D880
Atad1	5.5E+07	-1.16	0.54	A0A494BAB5
Gps1	2.8E+08	-1.16	0.54	G3UXW9
Stim2	1.4E+07	-1.16	0.54	I1E4X8
Slc17a6	3.2E+08	-1.16	0.54	Q8BLE7
Gria3	2.8E+08	-1.16	0.54	Q9Z2W9
Tubb5	3.6E+10	-1.16	0.54	P99024
Pak1	2.4E+09	-1.16	0.54	G5E884

Gatd1	1.1E+08	-1.16	0.54	Q8BFQ8
Slc27a4	5.1E+07	-1.16	0.54	Q91VE0
Gm49804	6.6E+08	-1.16	0.54	A0A3B2W864
FAM120A	1.2E+09	-1.17	0.54	Q6A0A9
Anxa6	3.0E+09	-1.17	0.54	P14824
Lrrc59	3.0E+08	-1.17	0.54	Q922Q8
Reep5	3.8E+08	-1.17	0.54	G3X8R0
Strn	3.7E+08	-1.17	0.54	O55106
Epn2	2.6E+08	-1.18	0.55	Q5NCM6
Dars1	7.8E+08	-1.18	0.55	Q922B2
Mgst3	1.6E+08	-1.18	0.55	Q9CPU4
Osbp	2.5E+08	-1.18	0.55	Q3B7Z2
Cadps	5.1E+09	-1.18	0.55	Q80TJ1
Itsn1	1.3E+09	-1.19	0.55	E9Q0N0
Srgap3	2.0E+08	-1.19	0.55	E9QN14
Frrs1l	6.8E+07	-1.19	0.56	B1AXV0
Ankrd63	7.3E+07	-1.20	0.56	A2ARS0
Cul4a	6.9E+07	-1.20	0.56	Q3TCH7
Rpl9-ps6	3.1E+08	-1.20	0.56	A0A140T8T4
Grm3	2.5E+08	-1.20	0.56	Q9QYS2
Ndufv3	9.0E+07	-1.21	0.56	Q3U422
Rps3a	5.9E+08	-1.21	0.56	P97351
Dlgap3	2.7E+08	-1.21	0.56	B1AS06
Ccar2	1.7E+08	-1.21	0.57	Q8VDP4
Hyou1	5.3E+08	-1.22	0.57	Q9JKR6
Tomm34	1.2E+08	-1.22	0.57	Q9CYG7
Rpl31	1.6E+08	-1.22	0.57	A0A0A6YX26
Dctn4	3.0E+08	-1.22	0.57	Q8CBY8
Hnrnpc	5.0E+08	-1.23	0.57	Q9Z204
Ddx17	4.2E+08	-1.23	0.58	Q3U741
Arf1	5.7E+09	-1.23	0.58	P84078
Mms19	2.9E+07	-1.23	0.58	F6RGK4
Ppfia2	2.6E+08	-1.24	0.58	F7CYX4
U2af2	1.3E+08	-1.24	0.58	Q3KQM4
Pde2a	8.4E+08	-1.24	0.58	Q5PR72
Pfkl	2.3E+09	-1.24	0.58	P12382
Ttyh1	8.1E+08	-1.24	0.58	Q9D3A9
Rpl23a	5.1E+08	-1.24	0.58	P62751
Rgs10	3.0E+07	-1.24	0.58	Q9CQE5
Clptm1	1.4E+08	-1.24	0.59	Q8VBZ3
Ntm	1.9E+09	-1.24	0.59	D3Z396
Prdx2	6.3E+09	-1.25	0.59	Q61171
Ddx6	3.2E+08	-1.25	0.59	P54823
Chl1	9.5E+07	-1.25	0.59	P70232

Gng2	5.5E+08	-1.25	0.59	P63213
Enah	8.6E+07	-1.25	0.59	A0A0A6YW06
Atcay	4.9E+08	-1.25	0.59	Q8BHE3
Gdi2	4.3E+09	-1.26	0.59	Q61598
Csde1	2.4E+08	-1.26	0.59	Q91W50
Slc32a1	8.8E+08	-1.26	0.59	O35633
Cd81	1.7E+09	-1.26	0.59	P35762
Kif5c	1.5E+09	-1.26	0.60	P28738
Txlna	2.9E+07	-1.26	0.60	Q6PAM1
Chmp4b	3.4E+08	-1.27	0.60	Q9D8B3
Prnp	2.4E+08	-1.27	0.60	P04925
Khsrp	1.3E+09	-1.27	0.60	Q3U0V1
Ube2v2	3.3E+08	-1.27	0.60	Q9D2M8
Prmt1	1.7E+08	-1.27	0.60	A0A171KXD3
Dhx9	8.2E+08	-1.28	0.61	A0A087WPL5
Sirpa	2.8E+09	-1.28	0.61	P97797
Tmed10	9.8E+07	-1.28	0.61	A0A1Y7VM54
Prkacb	2.1E+08	-1.28	0.61	P68181
Actr3	3.1E+09	-1.29	0.61	Q99JY9
Fundc2	3.9E+07	-1.29	0.61	Q9D6K8
Xpo7	1.5E+08	-1.29	0.61	Q9EPK7
Ap2b1	9.3E+09	-1.30	0.62	Q9DBG3
Slc1a3	6.3E+09	-1.30	0.62	P56564
Gnb5	3.1E+08	-1.30	0.62	A0A1L1STC5
Cab39	1.8E+08	-1.30	0.62	Q06138
Ranbp1	7.0E+08	-1.31	0.62	P34022
Pin1	7.4E+08	-1.31	0.62	Q9QUR7
Bcat1	4.8E+08	-1.31	0.63	P24288
Farsa	3.6E+08	-1.32	0.63	Q8C0C7
H1-3	1.9E+09	-1.32	0.63	P43277
Slc17a7	2.6E+09	-1.32	0.63	Q3TXX4
Ryr2	2.6E+08	-1.32	0.63	F6U7V1
Dlgap2	1.8E+08	-1.32	0.63	Q8BJ42
Actr2	2.8E+09	-1.32	0.63	P61161
Ipo7	3.1E+08	-1.32	0.63	Q9EPL8
Pfkm	9.6E+09	-1.32	0.63	P47857
Psm2	9.0E+08	-1.33	0.63	Q8VDM4
Wasl	1.8E+08	-1.33	0.63	Q91YD9
Vamp3	2.3E+09	-1.33	0.63	P63024
Hnrnpa0	2.3E+08	-1.33	0.63	Q9CX86
Tbc1d5	1.1E+07	-1.33	0.64	Q80XQ2
Rpl7a	7.9E+08	-1.33	0.64	P12970
Ywhab	9.3E+09	-1.34	0.64	Q9CQV8
Lrrc57	3.6E+08	-1.34	0.64	A2AKH7

Rab3b	6.5E+08	-1.34	0.64	Q9CZT8
Ndr4	4.8E+08	-1.34	0.64	Q8BTG7
Ppp6r2	1.4E+08	-1.35	0.65	Q8R3Q2
Rims1	2.9E+08	-1.35	0.65	F6Y0S3
Slc43a2	3.7E+06	-1.36	0.65	Q8CGA3
Slc3a2	4.1E+09	-1.36	0.65	P10852
Git1	7.4E+08	-1.37	0.66	Q5F258
Bsg	1.2E+09	-1.37	0.66	P18572
Dgkh	6.3E+07	-1.37	0.66	A0A2I3BQ48
Cbr3	2.4E+08	-1.37	0.66	Q8K354
Map7d1	2.0E+08	-1.38	0.66	A2AJI1
Gsk3b	7.0E+08	-1.38	0.67	Q9WV60
Hdlbp	2.0E+08	-1.39	0.67	A0A087WP83
Septin2	7.3E+08	-1.40	0.68	P42208
Capza2	3.7E+09	-1.41	0.68	P47754
Rps18-ps6	9.1E+08	-1.41	0.68	F6YVP7
Ap3m2	3.0E+08	-1.41	0.68	Q8R2R9
Abi2	3.8E+08	-1.41	0.68	P62484
Hpcal4	8.3E+08	-1.41	0.68	Q8BGZ1
Cap1	4.8E+09	-1.41	0.68	P40124
Farsb	1.7E+08	-1.41	0.68	Q9WUA2
Dpp10	6.1E+08	-1.42	0.68	Q6NXXK7
Nckap1	1.7E+09	-1.43	0.69	P28660
Etl4	1.2E+08	-1.43	0.69	D3Z781
Fabp7	2.9E+08	-1.43	0.69	P51880
Cacna2d1	9.7E+08	-1.44	0.70	O08532
Fbxl16	2.5E+08	-1.44	0.70	A2RT62
Psm3	3.9E+08	-1.44	0.70	P14685
Kiaa1107	1.1E+08	-1.44	0.70	Q80TK0
Klc1	3.0E+08	-1.44	0.70	Q5UE59
App	4.0E+08	-1.45	0.70	A0A2I3BPT1
Yars	9.4E+08	-1.45	0.71	A2A7S7
Mtmr1	7.5E+07	-1.46	0.71	Q9Z2C4
Ganab	4.3E+08	-1.46	0.71	Q8BHN3
Cep170b	2.5E+08	-1.46	0.71	B9EIX2
Nars	5.4E+08	-1.46	0.71	A0A494BAX5
Vps29	1.7E+08	-1.47	0.71	D3Z645
Habp4	3.1E+07	-1.47	0.71	A0A1Y7VNT1
Wdr48	1.8E+08	-1.47	0.71	Q8BH57
Ociad2	7.7E+07	-1.47	0.72	Q9D8W7
Rtn1	3.7E+09	-1.47	0.72	Q8K0T0
Ctbp1	1.1E+09	-1.47	0.72	A0A0J9YUM4
Slc2a3	2.0E+09	-1.47	0.72	P32037
Akr7a2	2.4E+08	-1.47	0.72	Q8CG76

Map2k6	5.0E+07	-1.48	0.72	A2AGS2
Ncdn	3.0E+09	-1.48	0.72	Q9Z0E0
Gspt1	2.3E+08	-1.49	0.73	Q8R050
Atad3	3.1E+08	-1.49	0.73	Q925I1
Afdn	9.7E+07	-1.49	0.73	E9Q852
Eloc	4.4E+08	-1.49	0.73	A0A087WQE6
Camkk1	1.5E+08	-1.50	0.73	Q8VBY2
Slc2a1	5.4E+08	-1.50	0.74	P17809
Hmox2	1.9E+08	-1.50	0.74	O70252
Ubxn6	3.4E+08	-1.50	0.74	Q99PL6
Hpca	3.7E+09	-1.51	0.74	P84075
Ppp1r12b	5.8E+07	-1.52	0.74	A6H644
Lyar	9.1E+06	-1.52	0.75	Q08288
Ppp1ca	2.0E+09	-1.52	0.75	P62137
Rab11b	2.0E+09	-1.53	0.75	P46638
Gpc1	2.1E+08	-1.54	0.76	Q9QZF2
Opcml	2.0E+09	-1.55	0.77	Q6DFY2
Rdx	9.8E+08	-1.56	0.77	A0A5F8MPB9
Mrrf	2.3E+08	-1.56	0.77	Q9D6S7
Vamp2	2.3E+09	-1.56	0.77	P63044
Atp6v1g2	4.3E+09	-1.56	0.77	Q9WTT4
Rps9	3.7E+08	-1.57	0.78	F7CJS8
Rac3	6.9E+07	-1.57	0.78	P60764
Prkar1b	1.5E+08	-1.58	0.78	P12849
Vti1b	9.0E+07	-1.58	0.78	Q91XH6
Numb	7.7E+07	-1.59	0.79	Q9QZS3
Rap2a	3.2E+08	-1.59	0.79	Q80ZJ1
Slc25a27	1.5E+08	-1.59	0.79	Q9D6D0
Hnrnpd	2.0E+09	-1.59	0.79	F6ZV59
Anks1b	4.7E+08	-1.59	0.79	S4R2H2
Map4	3.8E+08	-1.60	0.79	A0A0G2JDN7
Uqcrfs1	3.7E+09	-1.60	0.79	Q9CR68
Idh1	1.3E+09	-1.60	0.79	O88844
Atxn2	5.1E+07	-1.60	0.80	F6V8M6
Ssr4	7.0E+07	-1.61	0.80	Q62186
Hnrnpl	1.9E+09	-1.61	0.80	G5E924
Txn	7.6E+08	-1.61	0.80	P10639
Rap2b	7.8E+08	-1.61	0.80	P61226
Cpne6	1.2E+09	-1.61	0.80	Q9Z140
Clip1	2.1E+08	-1.61	0.80	D3Z3M7
Chordc1	2.2E+08	-1.62	0.80	A0A1L1STQ1
Elavl1	3.1E+08	-1.62	0.80	P70372
Nedd8	1.1E+09	-1.62	0.80	P29595
Cops7a	2.8E+08	-1.62	0.81	Q9CZ04

Ubxn1	1.2E+08	-1.62	0.81	Q922Y1
Eprs1	5.7E+08	-1.63	0.81	Q8CGC7
Eef1a2	3.9E+09	-1.63	0.81	P62631
Hnrnpdl	2.6E+08	-1.63	0.81	Q9Z130
Hsp90b1	2.9E+09	-1.64	0.82	P08113
Mtmr7	4.7E+07	-1.64	0.82	Q9Z2C9
Cp	2.6E+08	-1.64	0.82	G3X9T8
Pgrmc1	5.4E+08	-1.64	0.82	O55022
Vps26b	3.8E+08	-1.65	0.82	Q8C0E2
Myo18a	7.4E+08	-1.65	0.82	K3W4L0
Madd	4.0E+08	-1.65	0.82	A0A0R4J1F4
Tpp2	6.4E+08	-1.65	0.83	Q64514
Ywhaz	6.1E+10	-1.66	0.83	P63101
Dnm3	1.6E+09	-1.66	0.83	E9QLL2
Clpp	1.8E+08	-1.67	0.83	O88696
Ppp1r12a	4.6E+07	-1.67	0.83	Q9DBR7
Epha4	2.2E+08	-1.67	0.84	Q03137
Phldb1	4.3E+07	-1.67	0.84	E9Q307
Atp5c1	6.4E+09	-1.68	0.84	Q8C2Q8
Srrm2	1.4E+08	-1.69	0.85	Q8BTI8
Numbl	2.3E+08	-1.69	0.85	O08919
Tsfm	1.5E+08	-1.70	0.85	Q9CZR8
Arpc3	1.2E+09	-1.70	0.85	Q9JM76
Add3	1.6E+09	-1.70	0.86	Q9QYB5
Zyx	1.3E+08	-1.71	0.86	Q7TQE2
Rpl11	4.4E+08	-1.71	0.86	Q9CXW4
Camk2d	6.5E+08	-1.72	0.87	E9Q1W0
Camsap1	3.8E+07	-1.73	0.87	A2AHC4
Vps35	2.1E+09	-1.74	0.88	Q9EQH3
Rph3a	3.1E+09	-1.74	0.88	P47708
Vps45	1.3E+08	-1.74	0.88	P97390
Sec24c	1.3E+08	-1.74	0.88	G3X972
Srsf1	5.0E+08	-1.75	0.88	Q6PDM2
Tbc1d9b	2.3E+07	-1.75	0.88	Q5SVR0
Crym	4.7E+09	-1.75	0.89	O54983
Nlgn2	3.1E+08	-1.76	0.89	Q69ZK9
Dbt	1.4E+08	-1.76	0.89	P53395
Sub1	1.7E+08	-1.76	0.89	P11031
Slk	1.2E+08	-1.76	0.89	O54988
Soga3	5.1E+08	-1.77	0.90	Q6NZL0
Cap2	2.2E+09	-1.77	0.90	Q9CYT6
Spag9	5.8E+07	-1.77	0.90	A0A0R4J196
Ncam2	9.0E+08	-1.77	0.90	O35136
Nrcam	1.9E+09	-1.78	0.90	A0A1W2P7Y9

Pdhb	1.2E+10	-1.78	0.90	Q9D051
Eif4h	7.4E+08	-1.78	0.90	Q9WUK2
Aldoa	4.4E+10	-1.78	0.90	P05064
Dync1li2	4.3E+08	-1.79	0.91	A0A1D5RMC1
Dbn1	2.3E+09	-1.79	0.91	Q9QXS6
Unc13a	2.4E+08	-1.80	0.91	Q4KUS2
Tnik	3.6E+08	-1.80	0.91	P83510
Clint1	1.5E+08	-1.81	0.92	Q5SUH7
Sgip1	8.6E+08	-1.81	0.92	Q8VD37
Rap1gap	3.8E+08	-1.82	0.92	A2ALS5
Ctnnd2	7.1E+08	-1.82	0.93	B7ZNF6
Nucb1	1.8E+08	-1.83	0.93	A0A1C7CYU3
Caprin1	4.3E+08	-1.83	0.93	Q60865
Ndufs7	2.4E+08	-1.84	0.94	Q9DC70
Sik3	2.7E+08	-1.84	0.94	E9PU87
Lrrc7	3.5E+08	-1.84	0.94	B9EHV0
Slc7a8	1.7E+08	-1.85	0.94	Q9QXW9
Hspa9	6.2E+09	-1.85	0.94	P38647
Ldha	1.1E+10	-1.85	0.94	P06151
lqsec2	1.5E+08	-1.85	0.94	D3Z5I6
Eif2s1	4.3E+08	-1.85	0.94	Q6ZWX6
Dmtn	5.0E+08	-1.86	0.95	Q9WV69
Rps28	2.4E+08	-1.87	0.95	G3UYV7
Ppp2r5d	6.2E+08	-1.87	0.96	Q91V89
Gabrb2	5.1E+07	-1.87	0.96	P63137
Mark2	3.6E+08	-1.87	0.96	Q05512
Cyria	3.2E+08	-1.88	0.96	Q8BHZ0
Cacna1b	6.2E+07	-1.88	0.96	A2AIS0
Negr1	1.3E+09	-1.88	0.96	D3Z4T6
Rplp0	7.6E+08	-1.88	0.96	P14869
Gpm6b	2.5E+09	-1.89	0.97	A2AEG6
Slc25a22	3.3E+09	-1.89	0.97	Q9D6M3
Ywhag	2.4E+10	-1.89	0.97	P61982
Psmc4	4.7E+08	-1.90	0.97	P54775
Hspe1	6.6E+09	-1.90	0.97	Q64433
Psmc11	7.1E+08	-1.90	0.97	Q8BG32
Cracdl	3.7E+08	-1.90	0.97	E9Q3M9
Eif4g3	1.6E+08	-1.91	0.98	Z4YKC4
Nap14	3.3E+08	-1.92	0.98	Q78ZA7
Slc4a10	7.4E+08	-1.93	0.99	Q5DTL9
Rpl13	4.3E+08	-1.93	0.99	P47963
Plppr4	3.1E+08	-1.93	0.99	A0A0G2JGY9
Fam162a	2.7E+08	-1.93	0.99	Q9D6U8
Diras1	8.1E+07	-1.95	1.00	Q91Z61

Slc4a3	4.6E+07	-1.95	1.01	F8WHM3
Ppp3r1	4.2E+09	-1.96	1.01	Q63810
Pea15	1.0E+09	-1.97	1.01	Q62048
Rdh14	1.3E+08	-1.97	1.02	Q9ERI6
Lingo1	1.3E+08	-1.97	1.02	Q9D1T0
Dlg4	3.9E+09	-1.98	1.02	A0A338P6E5
Agap2	4.6E+08	-1.98	1.02	Q3UHD9
Ppfia3	1.4E+09	-1.99	1.03	P60469
Homer2	5.4E+07	-1.99	1.03	E9Q4F9
Stk39	8.6E+07	-1.99	1.03	Q9Z1W9
Acss2	4.1E+07	-2.01	1.04	Q9QXG4
Ak5	1.8E+08	-2.01	1.04	Q920P5
Pcdh1	5.8E+07	-2.01	1.04	Q8CFX3
Nufip2	1.5E+07	-2.02	1.05	Q5F2E7
Ybx1	1.0E+08	-2.02	1.05	A2BGG7
Tpt1	1.2E+09	-2.02	1.05	P63028
Gda	4.8E+09	-2.02	1.05	Q9R111
Ykt6	2.5E+08	-2.03	1.06	Q9CQW1
Acat1	7.4E+09	-2.04	1.06	Q8QZT1
Marcks1	6.6E+07	-2.04	1.06	P28667
Ptpa	4.8E+08	-2.05	1.06	P58389
Nectin1	1.7E+08	-2.05	1.06	Q9JKF6
Ywhah	9.3E+09	-2.05	1.06	P68510
Ap3d1	1.1E+09	-2.05	1.07	O54774
Sh3bgrl3	8.7E+08	-2.06	1.07	Q91VW3
Rybp	1.3E+06	-2.08	1.08	Q8CCI5
Tceal5	2.4E+08	-2.08	1.08	Q8CCT4
Dlg1	1.6E+09	-2.08	1.08	D3Z3B8
Calb1	1.2E+09	-2.08	1.08	P12658
Mogs	5.0E+07	-2.09	1.09	Q80UM7
Ociad1	2.6E+08	-2.09	1.09	Q9CRD0
Smap2	1.6E+08	-2.10	1.09	Q7TN29
Sh3glb2	1.5E+09	-2.10	1.09	A2AWI7
Pde1a	4.4E+08	-2.10	1.10	F6X0V1
Tmpo	2.6E+08	-2.11	1.10	Q61029
Abhd6	1.2E+08	-2.12	1.11	Q8R2Y0
Rock2	1.2E+09	-2.12	1.11	F8VPK5
Arpc1a	1.9E+09	-2.12	1.11	Q9R0Q6
Rpl4	8.3E+08	-2.14	1.12	Q9D8E6
Snap47	3.7E+08	-2.14	1.12	Q8R570
Ranbp2	7.0E+07	-2.14	1.12	Q9ERU9
Pcbp2	9.0E+08	-2.14	1.12	A0A2R8VI25
Rpl22	3.5E+08	-2.16	1.13	P67984
Oxr1	2.9E+09	-2.16	1.13	Q4KMM3

Dync1li1	1.1E+09	-2.18	1.14	Q8R1Q8
Srcin1	2.8E+09	-2.18	1.14	B1AQX9
Lasp1	1.5E+09	-2.18	1.14	Q61792
Rpl21	2.8E+08	-2.19	1.15	Q9CQM8
Prpsap2	1.8E+08	-2.19	1.15	Q8R574
Plaa	3.7E+07	-2.20	1.15	P27612
Syngap1	3.5E+09	-2.20	1.15	A0A338P799
Exog	2.6E+08	-2.21	1.16	Q8C163
Otub1	3.2E+09	-2.23	1.18	Q7TQI3
Snrpd3	2.2E+08	-2.24	1.18	P62320
Phf24	2.2E+09	-2.25	1.18	Q80TL4
Lsm12	6.8E+07	-2.27	1.20	Q9D0R8
Purb	1.2E+09	-2.27	1.20	O35295
Synpo	2.5E+09	-2.28	1.20	Q8CC35
Pdia3	5.1E+09	-2.28	1.20	P27773
Wdr47	5.3E+08	-2.28	1.20	Q8CGF6
Tbck	9.4E+08	-2.28	1.20	Q8BM85
Ppp2r2a	1.1E+09	-2.28	1.20	Q9CWU3
Lancl2	1.4E+09	-2.29	1.21	Q9JJK2
Mapre1	1.0E+09	-2.29	1.21	Q61166
Shank2	4.2E+08	-2.30	1.21	Q80Z38
Cacna2d3	1.1E+08	-2.30	1.21	Q9Z1L5
Adgrl1	2.9E+08	-2.31	1.22	Q80TR1
Rps7	6.1E+08	-2.32	1.22	P62082
Pck2	2.3E+08	-2.33	1.23	A0A2I3BQL9
Vps50	6.6E+07	-2.33	1.23	Q8CI71
Ngef	2.0E+08	-2.33	1.23	Q8CHT1
Opa1	3.3E+09	-2.34	1.24	P58281
Abr	6.0E+08	-2.36	1.25	E9PUE7
Ppm1e	5.8E+08	-2.36	1.25	Q80TL0
Cnrip1	1.7E+09	-2.37	1.26	Q5M8N0
Gap43	2.1E+09	-2.38	1.26	P06837
Hspa4l	3.7E+09	-2.38	1.26	P48722
Actn2	6.6E+08	-2.39	1.27	Q9JI91
Trpv2	2.1E+07	-2.40	1.27	Q9WTR1
Shank3	8.1E+08	-2.40	1.27	Q4ACU6
Xpo1	2.4E+08	-2.41	1.28	Q6P5F9
Ppp1r9a	4.7E+08	-2.41	1.28	H3BKQ7
Basp1	3.0E+10	-2.42	1.28	Q91XV3
Hpcal1	3.4E+08	-2.42	1.28	P62748
Add2	3.0E+09	-2.43	1.29	Q9QYB8
Atp2b4	1.2E+09	-2.44	1.30	F7AAP4
Gprin1	1.7E+09	-2.45	1.30	Q3UNH4
Ap3b2	1.4E+09	-2.45	1.30	Q9JME5

Klc2	1.4E+08	-2.45	1.30	D3YXZ3
Mast3	7.3E+07	-2.46	1.31	Q3U214
H2-Ke6	1.1E+08	-2.46	1.31	G3UX44
Prrc2c	1.1E+08	-2.46	1.31	S4R294
Snrnp70	1.5E+08	-2.46	1.31	Q62376
Ttc9b	6.5E+07	-2.46	1.31	Q9D6E4
Gipc1	5.3E+07	-2.49	1.32	Q9Z0G0
Relch	1.9E+08	-2.49	1.33	A0A087WSS1
Pcp4	3.4E+09	-2.50	1.33	P63054
Ppp2r5e	6.9E+08	-2.50	1.33	Q3UZJ4
Rpl24	2.3E+08	-2.50	1.33	Q8BP67
Dpysl4	3.1E+09	-2.50	1.33	Q3TMU8
Hnrnpk	3.7E+09	-2.51	1.34	P61979
Chrm1	6.8E+07	-2.52	1.34	P12657
Ank2	1.2E+10	-2.53	1.35	S4R2F3
Pdhx	1.3E+09	-2.54	1.36	Q8BKZ9
Grin2b	2.6E+08	-2.55	1.36	G3X9V4
Phb	8.4E+08	-2.55	1.36	P67778
Hdgfl3	2.2E+08	-2.56	1.37	Q9JMG7
Eif1	2.7E+08	-2.56	1.37	P48024
Mlec	7.6E+07	-2.57	1.37	Q6ZQI3
Atp2b1	2.3E+08	-2.58	1.38	A0A1W2P772
Mfn2	2.0E+08	-2.58	1.38	Q80U63
Rpl18	4.9E+08	-2.61	1.39	A0A1B0GQU8
H4c1	5.5E+09	-2.61	1.40	P62806
Slc8a1	5.5E+08	-2.61	1.40	Q68FL0
Atp2b2	1.2E+10	-2.62	1.40	Q3UHH0
Pde1b	8.0E+08	-2.63	1.41	Q01065
Cacna1a	1.9E+07	-2.63	1.41	E9Q1R5
Akap12	2.0E+08	-2.63	1.41	A0A668KLV9
Actn1	5.0E+09	-2.63	1.41	A1BN54
Psmc3	7.1E+08	-2.64	1.41	A2AGN7
Rpl7	1.1E+09	-2.68	1.44	P14148
Calm3	3.0E+10	-2.69	1.44	P0DP28
Arfip2	9.4E+07	-2.71	1.46	A0A1B0GS63
Ap1p1	1.4E+08	-2.73	1.47	Q03157
Pitpna	1.3E+09	-2.73	1.47	J3QQ30
Atxn10	2.4E+08	-2.73	1.47	P28658
Clu	4.4E+08	-2.73	1.47	Q06890
Ube2n	2.2E+09	-2.74	1.47	P61089
Aldh1b1	2.0E+08	-2.74	1.47	Q9CZS1
Rpl27a	1.2E+08	-2.75	1.48	P14115
Kctd16	1.9E+08	-2.75	1.48	Q5DTY9
Apmap	1.6E+08	-2.75	1.48	Q9D7N9

Cspg5	6.9E+08	-2.76	1.48	Q71M36
Gucy1b1	1.7E+08	-2.77	1.49	Q80YP4
Arpc4	1.9E+09	-2.77	1.49	P59999
Palm	2.5E+09	-2.78	1.49	Q9Z0P4
Hnrnpa1	1.1E+09	-2.79	1.50	P49312
Grb2	3.4E+08	-2.80	1.51	Q60631
Lmnb1	8.7E+08	-2.80	1.51	P14733
Stip1	3.2E+09	-2.81	1.51	Q60864
Rpl3	3.1E+08	-2.81	1.51	P27659
Luc7l3	2.0E+07	-2.82	1.52	Q5SUF2
Ppp1r2	4.1E+08	-2.83	1.52	Q9DCL8
Prickle2	5.6E+07	-2.83	1.52	Q80Y24
Alad	1.6E+08	-2.84	1.53	P10518
Alcam	8.4E+08	-2.84	1.53	E9Q4G8
Glrx5	1.0E+08	-2.84	1.53	A0A1Y7VN70
Synj1	8.8E+09	-2.86	1.54	E9Q7S0
Bsn	8.2E+09	-2.86	1.54	O88737
Erc2	6.0E+08	-2.87	1.55	Q6PH08
Cttnbp2	2.8E+08	-2.90	1.56	B9EJA2
Dynll1	6.5E+08	-2.90	1.57	P63168
Hnrnpul2	6.9E+08	-2.91	1.57	Q00PI9
Prdx4	1.4E+09	-2.91	1.57	B1AZS9
Luc7l2	5.2E+07	-2.94	1.59	Q7TNC4
Syn1	4.7E+10	-2.95	1.59	O88935
Gpr158	8.2E+08	-2.96	1.60	Q8C419
Osbpl8	1.1E+08	-2.96	1.60	A0A5F8MPC5
Rps8	4.0E+08	-2.97	1.60	P62242
Pura	2.9E+09	-2.97	1.60	P42669
Osbpl1a	6.5E+08	-2.97	1.60	Q91XL9
Gng4	3.3E+08	-2.98	1.61	P50153
Tfg	5.1E+08	-2.98	1.61	Q9Z1A1
Cacnb4	3.4E+08	-3.01	1.62	J3QK20
Prrt3	1.8E+08	-3.01	1.62	Q6PE13
Rab1A	1.7E+09	-3.01	1.63	P62821
Rtn3	4.8E+09	-3.01	1.63	Q9ES97
Bdh1	8.4E+08	-3.01	1.63	Q80XN0
Vps26a	1.6E+08	-3.04	1.64	P40336
Ephx2	1.5E+08	-3.06	1.65	P34914
Dcl1	2.1E+09	-3.08	1.67	Q9JLM8
Csnk2a1	1.4E+09	-3.09	1.67	Q60737
Begain	3.9E+07	-3.09	1.67	Q68EF6
Tln2	1.6E+09	-3.09	1.67	E9PUM4
Hras	1.0E+09	-3.11	1.68	Q61411
Hspa5	5.2E+09	-3.12	1.69	P20029

Them4	2.1E+08	-3.16	1.71	Q3UUI3
Dlgap4	1.7E+08	-3.17	1.71	B7ZNS2
Aak1	4.7E+09	-3.17	1.72	Q3UHH0
Reps2	6.4E+07	-3.19	1.73	B9EI38
Srgap2	5.7E+07	-3.21	1.74	Q91Z67
Sv2a	3.2E+09	-3.23	1.75	Q9JIS5
Fubp1	2.8E+08	-3.25	1.76	A0A0G2JG00
Hspa4	6.3E+09	-3.25	1.76	Q3U2G2
Plpp3	2.1E+08	-3.27	1.77	Q99JY8
L1cam	1.2E+09	-3.31	1.79	A2AFG7
Abi1	8.2E+08	-3.33	1.80	B7ZCU2
Atp2b1	8.9E+09	-3.35	1.81	G5E829
Arf6	2.4E+08	-3.38	1.83	P62331
Eif4b	3.4E+08	-3.47	1.88	Q8BGD9
Diras2	8.2E+08	-3.48	1.88	Q5PR73
Cacng8	3.8E+08	-3.57	1.93	Q8VHW2
Camkv	3.9E+09	-3.60	1.94	Q3UHL1
Hsp90ab1	2.9E+10	-3.60	1.95	P11499
Arl3	2.2E+08	-3.64	1.97	A0A494BAJ6
Pclo	3.0E+09	-3.69	1.99	Q9QYX7
Ahsa1	4.6E+08	-3.72	2.01	Q8BK64
Arpc5	7.1E+08	-3.74	2.02	Q9CPW4
Phb2	5.1E+08	-3.78	2.04	O35129
Stxbp1	4.6E+10	-3.79	2.04	O08599
Coro1a	2.8E+09	-3.83	2.06	O89053
Vgf	2.1E+08	-3.88	2.09	Q0VGU4
Ewsr1	2.6E+08	-3.91	2.10	Q5SUT0
Ppp1r9b	7.0E+08	-3.95	2.12	Q6R891
Kctd12	4.6E+08	-3.97	2.13	A0A0R4J2B2
Dnm1l	3.7E+09	-3.99	2.14	Q8K1M6
Ptprz1	1.8E+09	-3.99	2.14	B9EKR1
Ciapi1	8.3E+07	-4.08	2.19	Q8WTY4
Hsp90aa1	1.5E+10	-4.08	2.19	P07901
Pcdh1	1.1E+09	-4.13	2.21	F7BJK1
Sh3gl1	3.0E+08	-4.17	2.23	Q62419
Ppp1r12c	4.5E+07	-4.31	2.30	F6XWD4
Map1b	1.1E+10	-4.56	2.41	P14873

Supplementary Table 7.5 – SIRT2 intercome identified from HEk2

Gene name	Intensity	Student's T-test Difference SIRT2_Con	-Log Student's T-test p- value SIRT2_Con	Uniprot ID
SIRT2	8E+11	15.69	8.49	Q8IXJ6
SARS1	6E+08	6.16	3.41	P49591
HSPA6	2E+08	5.97	1.91	P17066
GCN1	2E+09	5.88	3.64	Q92616
SCAMP3	3E+08	5.29	4.41	O14828
SSR1	3E+08	5.09	6.72	P43307
HSPA4	3E+08	4.93	4.56	P34932
XPO1	2E+09	4.85	3.27	O14980
HSPA1B	6E+10	4.68	5.32	P0DMV9
MTCH2	4E+08	4.60	3.16	Q9Y6C9
ECPAS	3E+08	4.58	4.00	Q5VYK3
AIFM1	3E+08	4.52	2.72	O95831
IPO9	4E+08	4.51	2.65	Q96P70
ATP5MD	1E+08	4.46	5.14	Q96IX5
SLC25A10	2E+08	4.44	3.72	Q9UBX3
RPN2	6E+08	4.42	2.95	P04844
SSR4	2E+08	4.41	5.67	P51571
SLC3A2	5E+08	4.39	3.66	F5GZS6
XPO5	2E+08	4.35	4.14	Q9HAV4
DHCR7	2E+08	4.27	3.12	Q9UBM7
KPNA2	1E+09	4.27	4.84	P52292
ATP5MG	2E+08	4.16	3.54	E9PN17
SLC1A5	1E+08	4.06	3.98	M0QXM4
XPO7	2E+08	4.01	4.59	Q9UIA9
SPTLC1	1E+08	4.01	4.15	O15269
TUBA1C	2E+08	3.98	1.70	F5H5D3
RDH11	1E+08	3.96	3.15	Q8TC12
SLC25A22	2E+08	3.96	5.63	Q9H936
FAR1	2E+08	3.91	4.14	Q8WVX9
STT3A	4E+08	3.88	3.88	P46977
CSE1L	1E+09	3.85	2.24	P55060
SFXN1	1E+09	3.85	3.37	Q9H9B4
TNPO3	9E+07	3.84	3.50	C9J7E5
VAMP7	9E+07	3.84	1.65	P51809
IPO7	7E+08	3.82	2.02	O95373
SRPRB	1E+08	3.74	2.25	Q9Y5M8

LBR	3E+08	3.74	1.28	A0A494C1L1
XPOT	4E+08	3.73	1.87	O43592
ABCD3	1E+08	3.71	3.31	A0A3B3ITW3
NUP93	1E+08	3.70	2.35	Q8N1F7
SLC25A13	1E+09	3.67	3.25	Q9UJS0
DNAAF5	2E+08	3.66	1.99	Q86Y56
ATP1A1	2E+09	3.64	4.23	P05023
RAB3GAP2	1E+08	3.62	2.56	Q9H2M9
MMS19	2E+08	3.62	3.69	Q96T76
FANCI	2E+08	3.61	3.05	Q9NVI1
ATP2A2	5E+08	3.51	2.55	P16615
SLC16A1	9E+08	3.49	2.85	P53985
ATP5F1B	2E+09	3.48	4.22	P06576
RARS1	2E+08	3.44	2.04	P54136
MON2	6E+07	3.43	3.84	A0A286YFF8
SLC25A6	5E+09	3.41	3.88	P12236
IPO11	6E+07	3.39	3.48	F8WDV0
USP9X	2E+08	3.39	1.41	Q93008
VDAC3	3E+08	3.31	1.52	Q9Y277
CDK8	2E+08	3.30	1.38	P49336
RPN1	7E+08	3.29	1.79	P04843
SLC25A3	3E+09	3.28	3.95	F8VVM2
DDOST	5E+08	3.25	1.64	P39656
TIMM50	1E+08	3.24	2.04	Q3ZCQ8
TRIP13	1E+08	3.22	2.47	Q15645
ZW10	1E+08	3.21	1.65	O43264
MARS1	2E+08	3.21	1.83	P56192
IPO5	2E+08	3.18	1.63	O00410
GBF1	8E+07	3.15	1.96	Q92538
PHGDH	2E+09	3.11	4.49	A0A286YF22
HAX1	1E+08	3.09	1.80	O00165
CTNND1	1E+08	3.09	2.70	C9JZR2
MTOR	7E+07	3.07	4.27	P42345
IPO4	1E+08	3.07	1.89	H0YN14
SLC25A5	3E+09	3.06	4.28	P05141
PCNA	2E+08	3.04	1.22	P12004
HSP90AA1	4E+08	3.04	1.34	P07900
MGST3	2E+08	3.04	2.03	Q5VV89
IMMT	2E+08	3.01	2.39	C9J406
KPNB1	4E+08	3.01	3.35	Q14974
HACD3	3E+08	2.96	2.35	Q9P035
UBC	1E+09	2.94	1.12	P0CG48
ATP5F1A	1E+09	2.91	4.40	P25705
LRPPRC	4E+08	2.89	1.85	P42704
TCAF1	7E+08	2.87	1.17	Q9Y4C2

PHB	2E+08	2.86	1.87	P35232
MAPRE2	2E+08	2.86	1.24	Q15555
TRMT10C	3E+07	2.83	3.40	Q7L0Y3
GLS	1E+08	2.81	4.17	O94925
CCT3	2E+08	2.79	1.00	P49368
UBE3C	5E+07	2.78	1.91	Q15386
EIF4G1	2E+08	2.75	2.46	E7EX73
C1QBP	3E+08	2.73	1.36	Q07021
AUP1	6E+07	2.72	1.52	Q9Y679
ERLIN2	1E+08	2.71	1.05	O94905
SLC25A1	2E+08	2.68	3.50	P53007
MDN1	4E+08	2.67	1.74	Q9NU22
RPL11	1E+08	2.67	1.09	Q5VVC8
HSD17B12	2E+08	2.63	1.43	Q53GQ0
ALDH1L1	4E+07	2.59	2.56	O75891
VDAC2	3E+08	2.58	2.01	A0A0A0MR02
SLIRP	2E+08	2.57	1.10	A0A087WUN7
ABCB7	5E+07	2.56	2.04	A0A087WW65
SFXN4	7E+07	2.54	1.38	Q6P4A7
ALDH1B1	8E+07	2.53	1.48	P30837
HLA-C	6E+07	2.46	2.46	A2AEA2
EEF1G	1E+09	2.46	2.49	P26641
TBCD	5E+07	2.45	3.96	Q9BTW9
CANX	6E+07	2.44	1.73	P27824
BSG	1E+08	2.39	1.73	P35613
NAMPT	8E+07	2.38	1.74	P43490
ATXN10	1E+08	2.38	1.19	Q9UBB4
HSP90AB1	4E+09	2.36	2.21	P08238
DPM1	1E+08	2.34	1.49	O60762
SAMHD1	1E+08	2.29	0.98	Q9Y3Z3
GCDH	1E+08	2.28	1.57	Q92947
PFKP	8E+07	2.27	1.48	Q01813
NDUFA8	9E+07	2.25	0.92	P51970
NCLN	5E+07	2.24	1.26	Q969V3
BTAF1	7E+07	2.24	2.27	A0A0A0MTH9
SLC25A11	1E+09	2.23	2.41	I3L1P8
SLC25A12	4E+07	2.20	2.27	O75746
MSH6	1E+08	2.19	2.60	P52701
YTHDF2	8E+07	2.17	1.47	Q9Y5A9
HSPA8	1E+10	2.15	2.66	P11142
LARS1	7E+07	2.14	1.86	Q9P2J5
FAF2	1E+08	2.14	1.18	Q96CS3
IRS4	1E+09	2.11	1.90	O14654
ARF4	7E+07	2.10	1.01	P18085
CIP2A	9E+07	2.06	1.89	Q8TCG1

STAT1	7E+07	2.01	0.99	J3KPM9
ATP5PB	9E+07	1.97	1.40	Q5QNZ2
KNTC1	3E+07	1.97	3.63	P50748
SEC11A	5E+07	1.95	1.48	H0YNG3
HSPB1	3E+08	1.94	2.20	P04792
TUBB	5E+09	1.91	2.89	P07437
IQGAP2	1E+08	1.89	1.43	E7EWC2
PRKDC	2E+09	1.87	3.30	P78527
DNAJA1	3E+08	1.86	2.31	P31689
ACACA	5E+07	1.86	1.33	Q13085
H2BC13	5E+08	1.84	0.89	Q99880
CDS2	1E+08	1.83	1.28	O95674
Autophagy-related	2E+07	1.83	1.35	H7C152
RCN2	8E+07	1.82	1.19	Q14257
COPB1	8E+07	1.78	0.94	P53618
DYNC1H1	8E+07	1.75	1.13	Q14204
TUBA1B	2E+10	1.71	1.64	P68363
PDS5A	4E+07	1.70	1.32	Q29RF7
GALK1	4E+07	1.65	1.42	P51570
QARS1	3E+07	1.65	3.02	P47897
TM9SF3	4E+07	1.60	1.20	Q9HD45
CAD	7E+08	1.60	3.11	F8VPD4
MTHFD1	1E+08	1.55	0.96	V9GYY3
NUP205	4E+07	1.51	0.90	Q92621
AGK	2E+08	1.51	2.50	E9PC15
POLE	4E+07	1.45	1.17	Q07864
USO1	3E+07	1.41	1.07	O60763
CCNC	5E+07	1.40	1.05	J3KP90
TUBB4B	2E+10	1.38	1.79	P68371
PCBP2	7E+07	1.38	1.17	Q15366
TTC27	4E+07	1.37	1.53	Q6P3X3
TCP1	4E+08	1.37	1.76	P17987
SLC25A17	5E+07	1.34	0.99	B0QYW5
NCAPG	3E+07	1.32	1.13	Q9BPX3
FASN	3E+08	1.24	0.96	P49327
MCM7	4E+08	1.23	1.70	P33993
HSPD1	9E+08	1.23	1.32	P10809
HSPA5	2E+09	1.07	2.14	P11021
ATP5F1C	2E+08	1.06	1.52	P36542
VAR51	3E+07	1.04	1.64	P26640
CDK1	7E+08	1.03	1.45	P06493
TRAM1	3E+07	1.00	0.95	G3XAN4
EMD	2E+08	0.91	0.98	P50402
RFC2	5E+07	0.86	0.90	P35250

RUVBL1	5E+08	0.80	1.86	Q9Y265
TMPO	2E+08	-0.59	1.66	P42167
SF3B5	9E+06	-0.73	0.92	Q9BWJ5
PSMD4	6E+08	-0.83	0.99	P55036
STOML2	4E+07	-0.84	0.93	Q9UJZ1
RPS3	2E+08	-0.86	1.05	P23396
EFTUD2	1E+08	-1.02	1.91	Q15029
SCYL2	9E+08	-1.04	0.91	Q6P3W7
CBX3	4E+07	-1.15	0.96	Q13185
PSMD13	2E+07	-1.18	1.21	J3KNQ3
ACTR2	9E+07	-1.20	3.20	P61160
	1E+07	-1.24	1.15	A0A1W2PNV4
LMNB1	2E+07	-1.26	1.18	A0A0D9SFE5
RCC2	1E+07	-1.26	1.34	Q9P258
ILF2	1E+08	-1.27	1.37	B4DY09
MAGEF1	5E+10	-1.31	1.28	Q9HAY2
EIF3A	6E+07	-1.31	1.47	Q14152
YWHAE	1E+07	-1.33	2.27	P62258
TNRC6B	7E+06	-1.34	1.13	H0Y720
EIF3C	5E+07	-1.35	1.38	Q99613
HNRNPH1	2E+09	-1.36	1.37	G8JLB6
c-Myc-binding	1E+07	-1.39	1.46	A0A087WV05
OAT	2E+08	-1.40	2.58	P04181
PRDX1	1E+09	-1.44	2.03	Q06830
PRRC2A	2E+07	-1.51	1.03	P48634
TRIM27	2E+07	-1.54	1.43	P14373
CTTN	1E+07	-1.63	2.19	Q14247
HNRNPM	5E+08	-1.66	2.77	A0A087X0X3
YBX1	1E+08	-1.67	1.20	P67809
IGKV2D-24	3E+09	-1.67	1.50	A0A075B6R9
POLDIP3	2E+07	-1.71	1.91	Q9BY77
EIF4A3	3E+08	-1.71	2.43	P38919
WDR26	2E+07	-1.72	1.19	H0Y9R3
MYH10	3E+07	-1.72	1.03	P35580
HNRNPK	5E+08	-1.72	3.42	P61978
FARP1	3E+07	-1.73	0.91	Q9Y4F1
ZDBF2	1E+07	-1.74	1.54	N0DVX5
RPS2	3E+08	-1.80	1.79	P15880
TAB3	2E+07	-1.82	2.12	Q8N5C8
RPL27	4E+07	-1.86	1.38	P61353
DOCK7	2E+07	-1.87	2.89	Q96N67
RPS19	4E+07	-1.88	1.42	P39019
BOLA2	6E+08	-1.90	3.56	Q9H3K6
SPIN3	2E+07	-1.90	1.41	Q5JUX0
PPM1B	7E+08	-1.92	1.92	O75688

HNRNPC	1E+09	-1.94	2.75	P07910
IGKV2D-29	1E+11	-1.98	1.36	A0A5H1ZRS9
RBM8A	3E+07	-1.99	1.04	Q9Y5S9
HNRNPU	3E+09	-2.00	2.58	Q00839
SRSF10	2E+07	-2.06	2.07	Q5JRI1
FIP1L1	2E+07	-2.06	1.42	Q6UN15
RPL7	6E+07	-2.06	1.12	A8MUD9
DOCK4	3E+07	-2.13	1.38	Q8N1I0
ACTB	7E+09	-2.14	2.87	P60709
MATR3	4E+08	-2.14	3.92	A0A0R4J2E8
HNRNPA3	2E+07	-2.14	2.23	P51991
SPTBN2	2E+07	-2.17	5.17	O15020
FUS	5E+07	-2.24	1.29	P35637
SF3A2	4E+07	-2.24	1.42	Q15428
SFPQ	3E+07	-2.25	1.19	P23246
TRIM21	9E+08	-2.27	2.39	P19474
PSAT1	4E+07	-2.28	1.59	Q9Y617
RNF2	3E+07	-2.28	1.21	X6RFN3
ARPC2	3E+07	-2.32	4.10	O15144
DBN1	9E+07	-2.33	1.83	Q16643
STK38	4E+09	-2.39	3.39	Q15208
ACIN1	3E+07	-2.41	2.29	S4R3H4
TXN	2E+08	-2.43	1.30	P10599
IMPDH2	7E+07	-2.44	1.71	P12268
OTUD4	4E+07	-2.46	1.50	D6RI06
SNRPD2	1E+08	-2.48	1.38	P62316
POGLUT3	3E+07	-2.51	1.77	Q7Z4H8
ZNF326	2E+07	-2.52	2.34	Q5BKZ1
CAMSAP3	7E+07	-2.53	1.82	Q9P1Y5
PRDX6	6E+08	-2.56	2.25	P30041
PSMA4	6E+08	-2.57	2.65	H0YMZ1
MAT2A	1E+08	-2.61	1.33	P31153
GAPDH	2E+08	-2.62	1.03	P04406
VIM	1E+08	-2.64	1.22	P08670
BCLAF1	3E+07	-2.65	2.48	Q9NYF8
SNRPA	2E+07	-2.68	2.29	M0R0G9
MYO1D	5E+07	-2.75	1.40	O94832
SF3B4	6E+07	-2.76	1.34	Q15427
PRMT1	5E+07	-2.77	1.30	E9PNR9
S100A9	2E+08	-2.82	0.94	P06702
SATB2	7E+07	-2.84	1.44	C9JR56
IGKV4-1	2E+08	-2.90	1.48	P06312
SLAIN2	6E+07	-2.90	2.45	Q9P270
PSMD1	5E+07	-2.93	2.74	A0A087WW66
E2F6	3E+07	-2.95	3.14	O75461

OBI1	5E+07	-2.98	4.56	Q5W0B1
JAK1	2E+08	-3.00	1.62	A0A5F9ZH07
PHKA1	2E+08	-3.00	2.25	A6NMN0
PHKB	7E+08	-3.03	3.07	Q93100
QPCT	3E+08	-3.05	1.00	Q16769
ACTR3	3E+07	-3.06	1.97	P61158
PHKG2	5E+08	-3.06	3.85	P15735
FBL	3E+08	-3.11	3.39	P22087
LSM14A	2E+08	-3.11	1.54	Q8ND56
PRPF31	1E+09	-3.12	4.43	Q8WWY3
MAP1B	2E+08	-3.14	2.01	P46821
RPS25	9E+07	-3.16	2.04	P62851
SPINDOC	1E+09	-3.17	3.20	Q9BUA3
MYO6	7E+07	-3.19	2.61	A0A0A0MRM8
RBMX	1E+08	-3.23	3.25	H0Y6E7
DDX1	5E+07	-3.26	3.05	F1T0B3
TAF4	6E+07	-3.26	2.16	A0A0G2JRY5
STK38L	8E+08	-3.27	4.31	Q9Y2H1
RTCB	8E+07	-3.29	2.15	Q9Y3I0
DHX9	8E+07	-3.31	5.40	Q08211
RB1CC1	7E+07	-3.32	1.69	Q8TDY2
KIF11	1E+10	-3.39	4.48	P52732
RPS18	2E+08	-3.41	1.84	P62269
DDX3X	7E+07	-3.43	3.74	A0A0D9SF53
FLNA	7E+08	-3.45	3.97	Q60FE5
SPIN2B	6E+07	-3.51	4.17	Q9BP22
ILF3	9E+07	-3.53	2.47	Q12906
PFKFB2	2E+08	-3.60	3.95	O60825
RPS9	1E+08	-3.63	2.13	P46781
THRAP3	9E+07	-3.64	3.40	Q9Y2W1
RPS3A	6E+07	-3.65	3.80	P61247
SF3A3	1E+08	-3.66	2.22	Q12874
EPB41L3	6E+07	-3.69	4.11	A8K968
ALG13	3E+08	-3.70	4.32	Q9NP73
ANKFY1	1E+08	-3.75	2.63	Q9P2R3
DHX15	7E+08	-3.77	4.27	O43143
CHERP	1E+08	-3.82	3.01	Q8IWX8
TAB2	7E+07	-3.82	3.79	Q9NYJ8
FOXRED1	1E+08	-3.83	1.35	Q96CU9
MGA	3E+08	-3.83	3.17	Q8IWI9
SRSF1	6E+07	-3.84	5.29	Q07955
WDR77	3E+10	-3.86	4.47	Q9BQA1
RPS24	8E+07	-3.89	3.78	E7ETK0
PHKA2	3E+08	-3.89	2.36	P46019
PRMT5	1E+11	-3.94	5.27	O14744

RIF1	6E+08	-3.98	2.97	Q5UIP0
RBM17	3E+08	-4.00	1.89	Q96I25
FARP2	2E+08	-4.09	2.18	O94887
SF3A1	4E+08	-4.09	2.96	Q15459
CCDC88C	9E+07	-4.10	4.55	Q9P219
MAP3K7	3E+08	-4.11	2.63	O43318
SF3B1	1E+09	-4.15	4.95	O75533
E2F7	1E+08	-4.15	3.06	Q96AV8
ARPC4	1E+08	-4.17	2.57	F8WDD7
SPIN1	1E+09	-4.18	3.97	Q9Y657
ARPC5L	9E+07	-4.21	5.41	Q9BPX5
HDX	1E+08	-4.22	3.73	Q7Z353
RBM10	3E+09	-4.27	4.46	P98175
RPS8	3E+08	-4.29	2.75	Q5JR95
CLNS1A	6E+09	-4.33	5.82	P54105
SNRPD3	2E+09	-4.37	5.08	P62318
MYH9	2E+08	-4.41	3.05	P35579
PRPS2	2E+08	-4.46	2.82	P11908
GOLGA3	1E+08	-4.51	4.77	Q08378
SF3B3	9E+08	-4.54	4.28	Q15393
SF3B2	6E+08	-4.60	3.34	Q13435
MOB2	2E+08	-4.62	3.99	A0A087WVS8
PRPSAP2	2E+08	-4.77	2.75	O60256
TET2	2E+08	-4.84	4.11	E7EQS8
PNN	1E+08	-4.87	4.90	Q9H307
TAB1	9E+08	-4.94	2.86	Q15750
EIF4B	1E+09	-4.95	3.25	P23588
RIOK1	3E+09	-4.95	4.50	Q9BRS2
SPTAN1	4E+09	-5.08	4.20	Q13813
OGT	3E+08	-5.11	3.84	O15294
PFKFB3	2E+09	-5.24	3.74	Q5W015
GAR1	5E+08	-5.26	2.58	Q9NY12
SNRPD1	9E+08	-5.46	2.91	P62314
U2SURP	6E+08	-5.61	4.40	O15042
ACAP2	2E+08	-5.69	4.94	A0A087X1H5
SNRPN	9E+08	-5.70	2.82	J3QLE5
WIZ	5E+08	-5.82	2.91	M0QXA7
OTUD4	1E+09	-6.31	3.68	Q01804
SPTBN1	3E+09	-8.67	7.09	Q01082
ATP5MF	2E+08	2.40	0.83	P56134
OR2Z1	2E+08	2.23	0.79	Q8NG97
TNPO1	1E+08	2.11	0.68	Q92973
EPRS1	2E+08	2.00	0.82	P07814
TMEM33	4E+08	1.99	0.58	D6RAA6
SMC2	1E+08	1.92	0.54	O95347

UNC45A	1E+08	1.81	0.85	Q9H3U1
COPA	3E+08	1.81	0.87	A0A3B3ISC6
TUBB2A	7E+08	1.79	0.67	Q13885
COX15	3E+07	1.79	0.85	Q7KZN9
NNT	8E+07	1.64	0.87	A0A590UJM2
PDXDC1	4E+07	1.63	0.84	Q6P996
MTCH1	8E+07	1.60	0.83	Q9NZJ7
NSF	1E+08	1.58	0.66	I3L0N3
IARS1	1E+08	1.55	0.66	J3KR24
UQCRC2	1E+08	1.55	0.63	H3BRG4
COQ8A	7E+07	1.41	0.71	Q8NI60
LMAN2	9E+07	1.38	0.62	Q12907
SMC4	1E+08	1.34	0.39	E9PD53
CLPX	6E+07	1.28	0.47	O76031
TMEM165	1E+08	1.25	0.56	Q9HC07
TUBB4A	8E+07	1.23	0.46	P04350
POLR2B	1E+08	1.18	0.76	C9J2Y9
PUM1	7E+07	1.14	0.46	H0YEH2
EIF4A1	1E+08	1.08	0.76	P60842
ARMT1	3E+07	0.99	0.78	Q9H993
AKAP12	3E+07	0.97	0.78	Q02952
ACSL3	6E+07	0.96	0.41	O95573
RPAP1	2E+07	0.92	0.79	H3BRE8
ATAD3A	1E+08	0.89	0.29	Q9NVI7
COPB2	4E+07	0.82	0.84	P35606
CNOT1	2E+07	0.82	0.78	A5YKK6
COG4	2E+07	0.81	0.70	A0A0A0MS45
DDX20	2E+08	0.80	0.72	Q9UHI6
CAND2	6E+07	0.79	0.42	O75155
RAB3GAP1	3E+07	0.76	0.35	Q15042
RRM1	2E+07	0.75	0.62	E9PL69
SMPD4	4E+07	0.73	0.34	H7C1Q6
TECR	2E+08	0.69	0.20	Q9NZ01
Histone	1E+09	0.69	0.31	A0A0U1RRH7
PHB2	2E+08	0.64	0.21	F5H3X6
MSH2	3E+07	0.63	0.52	P43246
CCDC47	6E+07	0.63	0.49	Q96A33
SCO2	1E+07	0.58	0.59	A0A1W2PQK0
SEC61B	3E+07	0.57	0.46	P60468
IPO8	4E+07	0.54	0.22	O15397
QPCTL	3E+08	0.51	0.40	Q9NXS2
PTDSS2	2E+07	0.48	0.25	E9PS47
PCBP1	2E+08	0.46	0.12	Q15365
TUFM	5E+08	0.44	0.35	P49411
TRIM28	1E+08	0.41	0.45	Q13263

ACADM	2E+08	0.38	0.14	B7Z9I1
ALDOA	8E+07	0.37	0.13	H3BUH7
DARS1	5E+07	0.36	0.21	P14868
EEF1A1	4E+09	0.31	0.30	P68104
HOXA5	3E+06	0.29	0.52	P20719
SMN1	1E+08	0.23	0.07	B4DP61
DDB1	8E+07	0.20	0.07	Q16531
CFL1	1E+08	0.18	0.05	E9PP50
FKBP8	6E+07	0.15	0.06	U3KQI1
GEMIN4	4E+07	0.14	0.06	I3L2C7
PSMD2	7E+07	0.10	0.04	Q13200
RUVBL2	3E+08	0.09	0.07	Q9Y230
SPAG9	5E+06	0.08	0.06	A0A087X2D8
PPP6C	7E+07	0.00	0.00	O00743
BAG2	4E+07	0.00	0.00	O95816
GYS1	4E+07	0.00	0.00	P13807
PFKL	5E+07	0.00	0.00	P17858
TUBG1	5E+07	0.00	0.00	K7EKE5
H3-3B	2E+08	0.00	0.00	K7EK07
GAPVD1	3E+07	0.00	0.00	B0QZ65
HSP90AB2P	1E+08	0.00	0.00	Q58FF8
PPP6R3	6E+07	0.00	0.00	H7BXH2
INTS3	1E+07	0.00	0.00	Q68E01
TTC37	2E+07	0.00	0.00	Q6PGP7
MGARP	9E+06	0.00	0.00	Q8TDB4
DCAKD	4E+07	0.00	0.00	K7ESP4
RNF5	1E+07	0.00	0.00	A0A140TA09
PPP6R1	4E+07	0.00	0.00	Q9UPN7
SIRT2	2E+09	0.00	0.00	A0A0A0MRF5
GIGYF2	6E+06	-0.03	0.02	Q6Y7W6
LDHB	7E+07	-0.05	0.03	P07195
HEATR6	2E+07	-0.07	0.08	A0A087WXZ7
ELAVL1	3E+07	-0.07	0.02	Q15717
EIF3F	6E+07	-0.09	0.03	O00303
CLTC	4E+07	-0.15	0.06	Q00610
NME2	2E+08	-0.15	0.03	P22392
PSMD3	9E+07	-0.22	0.07	O43242
HSPA9	3E+08	-0.23	0.52	P38646
CCT8	9E+07	-0.24	0.14	P50990
RBBP4	1E+08	-0.26	0.08	Q09028
NAP1L4	1E+08	-0.35	0.19	E9PNW0
PSMC1	4E+07	-0.38	0.21	P62191
PARP1	1E+08	-0.39	0.44	P09874
LDHA	2E+07	-0.46	0.16	P00338
CCT6A	5E+07	-0.49	0.21	P40227

SNRNP200	9E+07	-0.50	0.51	O75643
H2AFV	4E+07	-0.50	0.23	Q71UI9
PRPF6	7E+07	-0.54	0.20	O94906
PYCR3	3E+07	-0.58	0.33	Q53H96
BRCA2	7E+06	-0.59	0.67	P51587
LMF2	7E+06	-0.60	0.46	Q9BU23
RPLP0	9E+07	-0.61	0.21	F8VS58
PRPF8	2E+08	-0.64	0.58	Q6P2Q9
RPL38	4E+08	-0.65	0.22	P63173
H1-2	7E+08	-0.66	0.65	P16403
PSMC2	7E+07	-0.66	0.31	P35998
MCM3	2E+08	-0.66	0.61	P25205
SNRPF	7E+07	-0.74	0.22	P62306
H4C1	2E+09	-0.81	0.64	P62805
IGF2BP1	4E+07	-0.82	0.54	Q9NZI8
PSMC6	3E+07	-0.83	0.70	P62333
MYO1B	1E+08	-0.86	0.22	E9PDF6
PKM	2E+07	-0.87	0.54	H3BT25
NCL	2E+07	-0.89	0.83	P19338
DSP	6E+07	-0.90	0.48	P15924
CCDC88A	1E+07	-0.91	0.66	Q3V6T2
RPL23	7E+08	-0.91	0.51	C9JD32
PRRC2C	1E+07	-0.95	0.86	E7EPN9
EEF2	1E+08	-0.97	0.86	P13639
PSMD11	6E+07	-0.98	0.85	O00231
SAFB	4E+07	-0.99	0.54	Q15424
HNRNPH2	4E+07	-1.08	0.62	P55795
ENO1	7E+07	-1.15	0.35	P06733
RPL8	3E+07	-1.18	0.79	G3V1A1
RPS4X	2E+08	-1.20	0.32	P62701
USP7	3E+07	-1.42	0.84	Q93009
DDX17	1E+08	-1.49	0.44	A0A1X7SBZ2
CAPZA1	4E+07	-1.49	0.62	P52907
RPS15A	9E+07	-1.51	0.61	I3L3P7
NONO	1E+08	-1.51	0.42	Q15233
RPS17	2E+07	-1.56	0.87	P08708
RAN	1E+08	-1.58	0.78	F5H018
FARP2	3E+07	-1.65	0.82	H7C3M7
RPS13	1E+08	-1.72	0.63	P62277
RPS20	6E+07	-1.74	0.63	P60866
RPL24	6E+07	-1.90	0.73	C9JXB8
SF3B6	8E+07	-2.13	0.65	Q9Y3B4
ALYREF	5E+07	-2.15	0.84	Q86V81
SRSF7	5E+07	-2.20	0.69	A0A0B4J1Z1
MCM5	1E+08	-2.28	0.73	P33992

TXNDC12	4E+08	-2.37	0.82	O95881
ACTA1	1E+09	-3.72	0.76	P68133