UniProt Acce	Protein Name	P7 Mouse 1 I	P7 Mouse 2 I	P7 Mouse 3 I	P7 Mouse 4 I	P42 Mouse 1
P31650	Sodium- and chl	0.01419201	0.00210867	0.00472958	0.00238423	0.01258347
P56564	Excitatory amin	0.0097779	0.00210867	0.0109787	0.01707962	0.00445745
P01942	Hemoglobin sub	0.11335795	0.05786583	0.01096794	0.00298607	0.12480425
P01869	Ig gamma-1 cha	0.00364875	0.00314508	0.00226067	0.00284124	0.00759891
P30275	Creatine kinase	0.03876499	0.04630914	0.03962136	0.03408506	0.00976759
P61922	4-aminobutyrat	0.03194536	0.03913076	0.03760278	0.03460703	0.01183982
Q6PIC6	Sodium/potassi	0.07593702	0.0928185	0.07092413	0.08070774	0.01774115
Q925N0	Sideroflexin-5 O	0.01942422	0.02546969	0.04665156	0.04792218	0.01735074
Q9DB41	Mitochondrial g	0.00965328	0.01855381	0.02107323	0.02584285	0.00626612
Q8BMF3	NADP-depender	0.00262265	0.02359645	0.01135019	0.00238423	0.01548614
Q8BFR4	N-acetylglucosa	0.02302556	0.01507295	0.02294749	0.04347488	0.12959949
P02089	Hemoglobin sub	0.00262265	0.01858704	0.0126093	0.0110024	0.02889307
Q04447	Creatine kinase	0.17173176	0.14404516	0.1758072	0.17876384	0.02324133
P63011	Ras-related prot	0.18603576	0.25909627	0.26393573	0.27852373	0.0248206
O08599	Syntaxin-bindin	0.21745636	0.27610189	0.19631954	0.21756426	0.02417838
O08553	Dihydropyrimidi	0.08098642	0.19923457	0.14893816	0.14760664	0.0331629
P52503	NADH dehydrog	0.15661698	0.14805575	0.16032503	0.23034406	0.07990528
Q8BWF0	Succinate-semia	0.07135413	0.07377616	0.06699183	0.06824698	0.03460114
Q9CR61	NADH dehydrog	0.16678643	0.13951265	0.13420412	0.18777553	0.03225497
Q9JKC6	Cell cycle exit ar	0.12016696	0.12750272	0.12454095	0.12804521	0.04973685
Q3UUI3	Acyl-coenzyme A	0.13713605	0.11866286	0.08930007	0.11664223	0.05500234
Q4VAE3	Transmembrane	0.12116702	0.08737221	0.11955077	0.08944714	0.05987921
Q9D6M3	Mitochondrial g	0.11001123	0.0950728	0.10889846	0.10559317	0.0497011
O88741	Ganglioside-indu	0.07463436	0.05716079	0.05668725	0.06146642	0.0523233
P01837	Ig kappa chain C	0.00262265	0.00210867	0.02547519	0.01870953	0.00393631
Q9CPU4	Microsomal glut	0.00262265	0.02594873	0.00204199	0.01742365	0.03102037
Q7TMM9	Tubulin beta-2A	0.15227059	0.16540757	0.15129654	0.40869094	0.05152646
P63044	Vesicle-associat	0.24107948	0.25628418	0.23110111	0.25752496	0.04590822
Q68FD5	Clathrin heavy c	0.41133377	0.71999806	0.44259045	0.46916051	0.06192103
P14094	Sodium/potassi	0.27336874	0.29549089	0.2776814	0.29585809	0.05814278
Q9CQ91	NADH dehydrog	0.20616514	0.06844036	0.11419181	0.11221588	0.05590646
P18872	Guanine nucleo	0.25703498	0.305517	0.28217153	0.25893263	0.07153678
Q9JLZ3	Methylglutacon	0.13366712	0.13947504	0.1487113	0.13282983	0.06246428
Q91WC3	Long-chain-fatty	0.25043165	0.29667921	0.28881692	0.32620488	0.11958868
P68254	14-3-3 protein t	0.70640601	0.46299759	0.53676687	0.45346467	0.06944901
Q99KB8	Hydroxyacylglut	0.37168058	0.3264017	0.3481754	0.37934884	0.10195791
Q3TC72	Fumarylacetoac	0.20395455	0.22215391	0.15609625	0.13972312	0.04961324
Q99LY9	NADH dehydrog	0.12723613	0.13933716	0.14046816	0.1477893	0.07966973
Q9Z1G4	V-type proton A	0.39843523	0.55386853	0.3521189	0.40855846	0.05939866
Q80XN0	D-beta-hydroxyl	0.05881216	0.0612018	0.06478033	0.06061978	0.07604953
Q91V61	Sideroflexin-3 O	0.13812894	0.15064652	0.14081517	0.14086337	0.08003565

Q9EQ20	Methylmalonate	0.12922829	0.12327476	0.12766064	0.14676662	0.08191856
Q8BVE3	V-type proton A	0.44086516	0.44870771	0.4190201	0.44186899	0.08005213
Q9CTY5	Calcium uptake	0.09564442	0.14242776	0.11451299	0.13227508	0.11919076
P46460	Vesicle-fusing A	0.4925456	0.44460454	0.43973362	0.598817	0.10803526
Q9D6J5	NADH dehydrog	0.15703061	0.17172692	0.1587137	0.16731826	0.08751471
P16546	Spectrin alpha c	0.32122689	0.39024787	0.35665185	0.32180013	0.20099041
P61982	14-3-3 protein g	0.49271218	0.27147433	0.32271036	0.4031734	0.07881801
Q9CQC7	NADH dehydrog	0.16403235	0.17931883	0.17239986	0.16841412	0.0876694
Q9CQJ8	NADH dehydrog	0.15713098	0.18318516	0.16633315	0.18085109	0.08790545
Q9CXZ1	NADH dehydrog	0.14074874	0.17463249	0.20487618	0.20504244	0.10424005
Q9CQZ6	NADH dehydrog	0.17227401	0.18660436	0.17093244	0.16921291	0.09895059
Q9CQ54	NADH dehydrog	0.15032522	0.18259786	0.16555128	0.15729999	0.08279273
Q7TMF3	NADH dehydrog	0.16263508	0.15852794	0.16668757	0.16361438	0.08116473
P26443	Glutamate dehy	0.1024809	0.10983968	0.1002654	0.09625317	0.0937513
P06837	Neuromodulin C	0.15597829	0.19846639	0.17915852	0.16838121	0.07019238
P50516	V-type proton A	0.5268435	3.83371685	0.66753466	1.05787118	0.07176834
Q9Z1P6	NADH dehydrog	0.16625683	0.16464933	0.17666727	0.16573877	0.08587322
Q9DCJ5	NADH dehydrog	0.17723312	0.17998078	0.20014394	0.16272521	0.09335804
Q8K3J1	NADH dehydrog	0.24081074	0.2278951	0.16689383	0.26666824	0.10679074
P03921	NADH-ubiquino	0.18934242	0.18209891	0.18622256	0.18816698	0.10659027
Q9DCT2	NADH dehydrog	0.22223161	0.22574307	0.21533763	0.20351951	0.09765978
Q62425	Cytochrome c o	0.19072792	0.20242563	0.19711973	0.19911192	0.11367134
Q8R164	Valacyclovir hyd	0.29236537	0.29563078	0.35280314	0.2934663	0.12985923
Q99LC3	NADH dehydrog	0.15285881	0.1531503	0.15567866	0.15785247	0.09851524
P62814	V-type proton A	0.46251235	0.42085662	0.59076059	0.74784074	0.09925517
P52196	Thiosulfate sulfu	0.12256911	0.12573704	0.11546836	0.09866488	0.07268929
Q9WUR9	Adenylate kinas	1.45986495	0.52000409	1.06885221	0.71650073	0.1697514
Q9D172	ES1 protein hom	0.25799158	0.27051771	0.26886398	0.27352956	0.09808559
Q9CQZ5	NADH dehydrog	0.18648152	0.18814484	0.18931514	0.17739129	0.10827097
Q9DC70	NADH dehydrog	0.15550207	0.19726994	0.19760157	0.17891095	0.11433768
P99029	Peroxiredoxin-5	0.25480655	0.27189056	0.27250342	0.24219688	0.10284291
Q91XV3	Brain acid solub	0.33264065	0.36672843	0.35422381	0.33256259	0.10898386
Q9Z2I9	Succinate--CoA l	0.2498485	0.27766901	0.25745241	0.24936606	0.10190323
Q91VD9	NADH-ubiquino	0.18382944	0.19118164	0.18906515	0.18345549	0.10871388
Q3UIU2	NADH dehydrog	0.19319235	0.15175518	0.18812254	0.20420209	0.10337091
Q05920	Pyruvate carbox	0.14837276	0.1503213	0.15354528	0.13165629	0.10762598
Q91YT0	NADH dehydrog	0.19725984	0.19462735	0.20041848	0.18585041	0.12466389
Q9CRB8	Mitochondrial fi	0.43060424	0.13540391	0.18461163	0.35948408	0.12976023
Q9CWF2	Tubulin beta-2B	0.09117107	0.11590382	0.10068431	0.26104596	0.166222
Q9CPP6	NADH dehydrog	0.21514025	0.21437636	0.21841196	0.23435224	0.12906502
P17710	Hexokinase-1 O	0.33805793	0.32465842	0.33331923	0.32603606	0.11008049
Q3UV70	[Pyruvate dehyc	0.23128617	0.18152905	0.19049203	0.21901753	0.09744891

O09111	NADH dehydrog	0.20841729	0.25077558	0.2464497	0.21883519	0.12428405
Q9DCS9	NADH dehydrog	0.20932338	0.20019349	0.21843511	0.21395928	0.12599751
Q9CQ75	NADH dehydrog	0.20853111	0.23233476	0.22059278	0.2081486	0.12095346
Q9DC69	NADH dehydrog	0.2231432	0.2214898	0.22036683	0.21128769	0.1199304
Q8BFP9	[Pyruvate dehyc	0.10076923	0.14729371	0.20788125	0.16430442	0.16607078
P48771	Cytochrome c o:	0.18019184	0.1838781	0.18241671	0.16998161	0.11155605
Q9CPQ1	Cytochrome c o:	0.20673867	0.21597291	0.21489297	0.20856736	0.11964296
Q9CQH3	NADH dehydrog	0.22331667	0.27151058	0.26632309	0.22747387	0.11904931
P56391	Cytochrome c o:	0.18369125	0.20639066	0.18786423	0.10605281	0.10560708
P14152	Malate dehydro	1.73322569	0.5428178	0.55303819	0.57190272	0.11405106
Q9ERS2	NADH dehydrog	0.19931127	0.26215282	0.23606804	0.19990523	0.11979821
P19536	Cytochrome c o:	0.20930165	0.22376167	0.21795466	0.202852	0.13038129
Q9D6J6	NADH dehydrog	0.22177181	0.21474206	0.20177562	0.19482122	0.13273855
Q91WD5	NADH dehydrog	0.21439983	0.23885125	0.22076872	0.21550406	0.13127558
P12787	Cytochrome c o:	0.21064219	0.20308783	0.20366806	0.19995975	0.12319842
Q62261	Spectrin beta ch	0.35982721	0.26885839	0.31851652	0.39998511	0.17578843
P19783	Cytochrome c o:	0.21927214	0.23440477	0.22773714	0.21597547	0.1332195
P00405	Cytochrome c o:	0.20171514	0.21162817	0.2045339	0.19102271	0.12417362
Q9CPV4	Glyoxalase dom	0.38990301	0.38713046	0.7052778	0.49049839	0.13995906
Q9CR21	Acyl carrier prot	0.28988604	0.26000385	0.2675778	0.22195958	0.16439073
P85094	Isochorismatase	0.54542694	0.75670232	0.76171536	0.53372945	0.18649512
Q64521	Glycerol-3-phos	0.25142106	0.25235368	0.24639238	0.23692426	0.15034394
Q9DBG3	AP-2 complex su	0.71892528	0.68561202	0.89180457	0.70180174	0.14083176
Q8BH59	Calcium-binding	0.27344806	0.29699725	0.273995	0.27452953	0.15426291
Q76MZ3	Serine/threonin	0.80682317	0.89885005	1.19872399	23.8422609	0.16221931
Q9EP89	Serine beta-lact	0.1894868	0.20485592	0.21274633	0.18380903	0.13938764
Q9CPX8	Cytochrome b-c	0.43387909	0.33543754	0.32712751	0.30019432	0.18181471
P35486	Pyruvate dehydı	0.30288244	0.3082994	0.28587706	0.27645937	0.14380977
Q8C163	Nuclease EXOG,	0.2037001	0.2435415	0.21466213	0.19231937	0.17582475
Q8BKZ9	Pyruvate dehydı	0.329929	0.33652026	0.31392712	0.35252559	0.15981727
Q921X9	Protein disulfide	0.25344545	0.16523731	20.4199188	1.08639773	1.34646696
Q5HZI9	Solute carrier fa	0.26107492	0.30196577	0.28087965	0.22656251	0.21443123
P09671	Superoxide dism	0.41107496	0.49192104	0.41787284	0.42422307	0.15552877
P63101	14-3-3 protein z	0.41260551	0.48144354	0.3881657	0.48619925	0.18543813
Q8BH55	Threonine synth	0.17487092	0.15160449	0.18680671	0.20862932	0.18408369
Q8R4N0	Citrate lyase sub	0.4595166	0.46249248	0.43611083	0.48390961	0.21214387
P58281	Dynamin-like 12	0.23332444	0.25879404	0.23918168	0.24086763	0.14934162
Q9D6R2	Isocitrate dehyd	0.32160263	0.33137515	0.31887638	0.2829558	0.15924903
O35143	ATPase inhibitor	0.24810993	0.27065961	0.24242962	0.28754954	0.25677748
Q8VDT9	39S ribosomal p	0.1055274	0.2221163	0.06325379	0.20535645	0.41041724
A2ASZ8	Calcium-binding	0.28787952	0.24057763	0.23820027	0.26541755	0.221507
Q9CZL5	Pterin-4-alpha-c	26.2264874	0.08418847	0.12108289	0.12746343	0.3406167

D3Z7P3	Glutaminase kid	0.38336534	0.38854901	0.37229625	0.37705926	0.17275605
Q9D051	Pyruvate dehydı	0.31694454	0.33744175	0.3263128	0.30855561	0.1648851
P06745	Glucose-6-phosp	2.37461818	21.0867436	20.4199188	1.25180215	0.13099961
Q80U63	Mitofusin-2 OS=	0.28658686	0.29330065	0.28586868	0.34819715	0.22313429
P62823	Ras-related prot	2.32741567	21.0867436	20.4199188	2.77389181	0.16520401
Q8CHT0	Delta-1-pyrrolin	0.12461508	0.14358592	0.15199275	0.1798456	0.17065036
Q8VE33	Ganglioside-indı	0.14973934	0.40371827	0.3605119	0.26480053	0.19508697
P70404	Isocitrate dehyd	0.42478922	0.42597755	0.38014902	0.40965337	0.171488
Q99J39	Malonyl-CoA de	0.55742297	0.34294532	0.33173344	0.28135336	0.29652769
P17427	AP-2 complex su	0.58499124	0.75933833	1.29609745	23.8422609	0.18075777
Q7TSQ8	Pyruvate dehydı	0.27915016	0.24320421	0.26536612	0.26217944	0.19706445
Q9DB77	Cytochrome b-c	0.31722195	0.34070407	0.33507532	0.32384002	0.1793389
Q9D7B6	Isobutyryl-CoA d	0.27377684	0.40172192	0.298113	0.38387436	0.37318819
Q9CR68	Cytochrome b-c	0.31922563	0.33681206	0.33978286	0.31664249	0.18875745
Q9D0K2	Succinyl-CoA:3-k	0.14479255	0.15060482	0.1478513	0.14233065	0.185775
Q8BMF4	Dihydrolipoyllys	0.4350027	0.47193397	0.43357377	0.42352596	0.18532364
Q9D855	Cytochrome b-c	0.30476246	0.30622293	0.34855081	0.34263922	0.2069788
P48962	ADP/ATP translo	0.37429879	0.37723484	0.35773283	0.317755	0.18974071
P51863	V-type proton A	0.9445382	0.86746476	1.2269879	1.09941612	0.17294325
Q99MN9	Propionyl-CoA c	0.31708233	0.34949865	0.32989245	0.32079495	0.22878423
P62259	14-3-3 protein e	0.38561547	0.32892802	0.49008722	0.34338175	0.12885073
Q3UHB1	5'-nucleotidase	0.15987981	0.20139922	0.18645102	0.18178726	0.1829685
Q8QZT1	Acetyl-CoA acet	0.15128677	0.16221844	0.15597998	0.15007604	0.19054887
G5E829	Plasma membra	0.47372815	0.41073861	0.44026127	0.53108908	0.49243792
Q9WTM5	RuvB-like 2 OS=I	1.15779248	4.55711247	0.35675611	1.6955869	0.41126127
Q99KI0	Aconitate hydra	0.38478165	0.40648323	0.39612287	0.38205275	0.18996632
Q9CQ69	Cytochrome b-c	0.34668378	0.38912345	0.37551525	0.37971821	0.20493268
Q9CZ13	Cytochrome b-c	0.33382661	0.37533066	0.34476169	0.33876883	0.20308665
Q9WUM5	Succinate--CoA l	0.46122001	0.48339575	0.55816767	0.48448107	0.20696601
Q9Z2K1	Keratin, type I c	0.33249956	0.33961776	0.34781735	0.34747858	0.21641942
Q9D023	Mitochondrial p	0.18096844	0.29558953	0.26781993	0.28523609	0.20049967
O55126	Protein NipSnap	0.36580119	0.37158466	0.34816956	0.37976974	0.20976123
P62880	Guanine nucleo	26.2264874	21.0867436	20.4199188	0.42013843	39.3631171
P05064	Fructose-bispho	1.29099175	1.10116335	1.05543056	1.11084286	0.18470338
Q9WTP7	GTP:AMP phosp	0.27701226	0.23828189	0.23765369	0.24615094	0.22002249
P62897	Cytochrome c, s	0.32199522	0.35052315	0.34422988	0.32764185	0.26563953
P08249	Malate dehydro	0.36643069	0.39149478	0.38319193	0.36302401	0.20573753
Q91VN4	MICOS complex	0.31279344	0.35080595	0.33398329	0.36300221	0.23228792
Q8VCW8	Acyl-CoA synthe	0.21904356	0.21621797	0.21857712	0.23649867	0.23214297
Q9JLT4	Thioredoxin red	0.24258912	0.24110971	0.24551953	0.27936745	0.30200071
Q9CR62	Mitochondrial 2	0.44250369	0.40017788	0.37612395	0.39907918	0.23647844
P56379	6.8 kDa mitochc	0.3245422	0.36118491	0.34594235	0.32892435	0.19919424

Q6ZWQ7	Signal peptidase	26.2264874	21.0867436	20.4199188	2.1754451	0.31326472
Q9CQS4	Solute carrier fa	0.21537556	0.25490298	0.16017414	0.27634165	0.23275914
Q922H2	[Pyruvate dehyc	0.40781699	0.23408372	0.24502599	0.49918546	0.14949084
Q62188	Dihydropyrimidi	0.16938116	0.22397823	0.27738951	0.20158504	0.30805974
Q505D7	Optic atrophy 3	0.2908044	0.31046597	0.45579257	0.24000629	0.16902703
Q91ZA3	Propionyl-CoA c	0.34908764	0.39121241	0.41420731	0.44110019	0.27196852
Q8BHC1	Ras-related prot	0.79020644	0.27716711	0.53273401	0.62155856	0.31718125
Q9JHI5	Isovaleryl-CoA d	0.27943973	0.24067818	0.2595139	0.26114118	0.22878498
O08749	Dihydrolipoyl de	0.41005352	0.43148801	0.46421598	0.41410124	0.2472166
P0DP28	Calmodulin-3 OS	1.55578854	0.79807243	0.62097935	0.94429474	0.30049565
Q9CQR4	Acyl-coenzyme A	0.77888854	0.71575186	0.86602369	0.75447919	0.22798959
Q9JKL4	NADH dehydrog	0.3747434	0.35401898	0.38087893	0.79303327	0.31570967
Q9DCZ4	MICOS complex	0.3774701	0.40083927	0.4316458	0.37694349	0.22823799
Q9R0P9	Ubiquitin carbox	26.2264874	21.0867436	20.4199188	23.8422609	0.41961106
Q9D0I9	Arginine--tRNA l	0.65880363	0.74743815	0.32020774	3.13812036	0.54984759
Q91WK5	Glycine cleavage	26.2264874	0.20940728	0.26263692	0.30999281	0.00393631
Q2TPA8	Hydroxysteroid	0.16917896	0.17740324	0.19498336	0.20260777	0.17715754
Q78IK2	Up-regulated du	0.36908607	0.37085435	0.38185711	0.35420708	0.241424
Q91VM9	Inorganic pyrop	0.30491272	0.58571817	0.48422235	0.61543159	0.20994698
Q8K0Z7	Translational act	0.45631634	0.4746757	0.34727066	0.39998181	0.352029
Q9D0L4	Uncharacterized	0.35692062	0.30672734	0.27482306	0.34156222	0.32619626
P97450	ATP synthase-co	0.4455707	0.46072331	0.43332226	0.4215374	0.25604645
Q91YP2	Neurolysin, mito	0.18224771	0.20883516	0.15157521	0.1703504	0.34331911
Q06185	ATP synthase su	0.44802033	0.45279258	0.43162087	0.4282281	0.26779468
Q9CPQ8	ATP synthase su	0.48021517	1.08099947	0.54946223	0.45380576	0.2479145
Q9CZU6	Citrate synthase	0.3524782	0.34807686	0.34005427	0.32978403	0.23130532
Q9DCX2	ATP synthase su	0.43142446	0.49345165	0.42859739	0.41869566	0.26610176
O55125	Protein NipSnap	0.34542051	0.35402079	0.41937536	0.29690502	0.21086302
Q99MR8	Methylcrotonoy	0.36616742	0.25585038	0.32845685	0.38779912	0.35889137
Q9Z1J3	Cysteine desulfu	0.41551622	0.31665496	0.49542533	0.5620475	0.26689713
Q9CYH2	Redox-regulator	0.4452725	0.49277239	0.48107195	0.56026582	0.26379877
Q8C5H8	NAD kinase 2, m	0.42396224	0.38856832	0.34709411	0.49896683	0.36747049
Q60759	Glutaryl-CoA de	0.3989928	0.40904614	0.34406815	0.32171131	0.32235843
P30999	Catenin delta-1	0.47448593	0.18171818	0.38288482	0.47592866	0.35031529
Q9CQQ7	ATP synthase F(	0.44144395	0.49128577	0.49821268	0.4741533	0.26692674
Q9DB20	ATP synthase su	0.46139646	0.47570211	0.47301626	0.44813358	0.28574243
P05202	Aspartate amino	0.68565032	0.69641118	0.65189313	0.68418225	0.30117819
Q9ERD7	Tubulin beta-3 c	0.42855283	0.33460349	0.34413472	0.56897239	0.27197264
P47934	Carnitine O-acet	0.35146927	0.34171286	0.35610872	0.36354283	0.29860464
Q8BGX2	Mitochondrial in	0.40902958	0.4913935	0.55680343	0.72263895	0.41263165
P56480	ATP synthase su	0.45490922	0.4817385	0.46980423	0.44333213	0.27226177
Q03265	ATP synthase su	0.46808889	0.47839362	0.47264129	0.44052283	0.26876841

P68368	Tubulin alpha-4/	0.45851582	0.23717486	0.37793754	0.49517395	0.25214632
Q922Q1	Mitochondrial a	0.48363059	0.50991923	0.46739369	0.56647124	0.41014287
P17751	Triosephosphat	1.94795941	2.28825262	2.99878805	2.17110446	0.28815967
Q9DBL1	Short/branched	0.27209637	0.29513213	0.2835536	0.32527355	0.37558938
Q64133	Amine oxidase [	0.3197348	0.31596424	0.2946962	0.29670342	0.30009043
P68372	Tubulin beta-4B	0.64067959	0.53654296	0.6623449	0.81853127	0.25729272
Q9CZ42	ATP-dependent	0.39034112	0.40374947	0.37928869	0.37199934	0.34753642
P97807	Fumarate hydra	0.47938341	0.51670788	0.50570577	0.48435942	0.29755951
P13595	Neural cell adhe	0.37674601	0.33197374	0.38620657	0.3728422	0.35086581
Q91VR2	ATP synthase su	0.45899492	0.50252071	0.51179757	0.45839859	0.2796375
Q91W43	Glycine dehydrc	0.48837183	0.30961399	0.32329453	0.45307389	0.60655565
Q3UMR5	Calcium uniport	0.34268384	0.38878445	0.35718088	0.35420358	0.35150285
Q9DBJ1	Phosphoglycera	1.53472758	1.46854844	1.17252909	1.21191797	0.36802328
P50171	Estradiol 17-bet	0.34028837	0.35898846	0.39295821	0.3253074	0.32969904
Q99J99	3-mercaptopyru	0.19906195	0.2194809	0.20718119	0.20521861	0.33458817
Q9CQV8	14-3-3 protein b	0.65874486	21.0867436	20.4199188	23.8422609	0.4227077
Q9D3D9	ATP synthase su	0.45453499	0.47481622	0.51022008	0.47653689	0.27853079
Q8QZS1	3-hydroxyisobut	0.64741382	0.77790181	0.62927603	0.60405674	0.33179506
Q99L13	3-hydroxyisobut	0.70197853	0.630671	0.73893595	0.65880078	0.34287705
P56382	ATP synthase su	0.48265467	0.4811725	0.46570214	0.44157666	0.27352392
P09411	Phosphoglycera	2.44357421	2.52986043	1.14600041	2.42352943	0.39770445
P08228	Superoxide dism	0.76288141	0.66777998	0.60254594	0.37846596	0.26310387
Q8VCX5	Calcium uptake	0.31832956	0.2552959	0.33025016	0.27393247	0.43058257
Q3TQB2	FAD-dependent	0.52369433	0.33724344	0.33604953	0.94289495	0.40486916
P22315	Ferrochelatase,	0.48075385	0.40699953	0.45687635	0.50876897	0.33203618
Q5M8N4	Epimerase famil	0.13926586	0.09590103	0.09272454	0.14307934	0.17632611
Q9Z2I0	Mitochondrial p	0.46469461	0.48946386	0.45570635	0.45877499	0.33144212
Q791V5	Mitochondrial c	0.47183043	0.50339106	0.47810763	0.50691868	0.32180505
P56135	ATP synthase su	0.46578058	0.49963438	0.48072882	0.46217485	0.27844583
Q6PCP5	Mitochondrial fi	0.2883327	0.32158113	0.32089076	0.34721846	0.30868214
Q8K215	LYR motif-conta	0.43887496	0.71817817	0.48514688	0.40540431	0.30700152
Q8BH95	Enoyl-CoA hydra	0.30181501	0.33676032	0.30893429	0.28926354	0.27771714
Q9DCB8	Iron-sulfur clust	0.40461867	0.18989783	0.43643191	0.59374529	0.37579534
Q9CXJ4	ATP-binding cas	0.4807788	0.37760785	0.33249522	0.34860362	0.29965115
Q60932	Voltage-depend	0.57670317	0.64877875	0.57771665	0.54262741	0.30031079
Q9CWE0	Mitochondrial fi	0.46121494	0.35221173	0.53138179	0.43128411	0.33095908
P53395	Lipoamide acylt	0.38482089	0.35789488	0.36065813	0.34142798	0.28840807
Q9D6S7	Ribosome-recyc	0.31713191	0.49322295	0.29333558	0.31852694	0.33074393
Q60597	2-oxoglutarate d	0.47494983	0.48208112	0.45772156	0.44627778	0.33834593
Q91VT4	Carbonyl reduct	0.77107819	0.78643067	0.56570239	0.63188406	0.52708973
Q8VEM8	Phosphate carri	0.54160574	0.58783016	0.57164847	0.5602112	0.32916382
Q9CQX8	28S ribosomal p	0.5031297	0.567413	0.58012081	0.60117849	0.32075755

Q61739	Integrin alpha-6	0.25931542	0.30165874	0.30156749	0.5158906	39.3631171
Q8VCL2	Protein SCO2 ho	0.39982359	0.25910349	0.54940094	0.58911486	0.5323136
Q9D0M3	Cytochrome c1,	0.45347856	0.48150623	0.46209356	0.43216386	0.27952936
Q9CQA3	Succinate dehyd	0.43099032	0.47658946	0.43718575	0.43543494	0.33448064
Q8K4Z3	NAD(P)H-hydrat	0.45856944	0.47372928	0.36432235	0.37933426	0.41978637
Q3ULD5	Methylcrotonoy	0.31123504	0.39402569	0.36482748	0.36764643	0.39072809
Q91WS0	CDGSH iron-sulf	0.61333468	0.68362194	0.5918507	0.52785333	0.31769941
Q8BTX9	Inactive hydroxy	0.18764262	0.2169282	0.18110423	0.17933511	0.31793802
Q99NB1	Acetyl-coenzym	0.00262265	0.00210867	0.0087308	0.08247916	0.00393631
P03930	ATP synthase pr	0.40202351	0.57457216	0.57302859	0.89003241	0.37733007
Q8BWT1	3-ketoacyl-CoA	0.30606772	0.32473851	0.31986112	0.32451968	0.36800015
Q811U4	Mitofusin-1 OS=	0.38784685	0.31289421	0.34623618	0.41772715	0.79879957
P21279	Guanine nucleo	0.48192746	0.34001506	0.27625814	0.48579781	0.31366081
Q9WV98	Mitochondrial in	0.41155146	0.45322343	0.41300397	0.39205611	0.38139484
Q8BGC4	Prostaglandin re	0.46201641	2.08982637	0.93585641	1.1086672	0.49969897
Q9CWG8	Protein arginine	0.46001317	0.33459901	0.2843687	0.29427574	0.31182963
P16332	Methylmalonyl-	0.44725504	0.49099659	0.38285907	0.45199786	0.42820279
Q9DBL7	Bifunctional coe	0.64265013	11.9508603	20.4199188	0.74034717	0.41947413
Q8BFR5	Elongation factc	0.42249281	0.42631967	0.44176037	0.40606822	0.32667025
P51881	ADP/ATP translo	0.51155824	0.59135924	0.56381775	0.55100025	0.33278909
Q8K021	Secretory carrie	0.83641699	0.87915996	0.61732311	0.89099325	0.45719471
Q80WW9	DDRGK domain-	0.49651843	0.29995634	0.29648077	1.11007262	0.49053517
Q922B1	O-acetyl-ADP-ril	1.41090289	0.67896047	2.73032092	0.83634266	0.4160767
Q9D2G2	Dihydrolipoyllys	0.49078394	0.54149904	0.54389171	0.45825421	0.3231553
Q8R2Y0	Monoacylglycer	0.55268354	0.52111999	0.77726672	0.55251191	0.25085266
Q3URE1	Acyl-CoA synthe	0.48583529	0.50101875	0.43543596	0.38069653	0.40469892
P45952	Medium-chain s	0.25021859	0.3012018	0.24166257	0.27814279	0.33463955
Q9CR98	Protein FAM136	0.44762712	0.35122363	0.3495146	0.37229786	0.40982355
Q8CI78	Required for me	0.69956417	0.73718789	0.76663672	0.58580703	0.43537534
Q9CQE1	Protein NipSnap	0.20179901	0.17641455	0.16252475	0.14806304	0.38803761
B7ZMP1	Probable Xaa-Pr	0.37673238	0.42139155	0.41520185	0.42148772	0.48382741
Q9DCC8	Mitochondrial in	0.44382452	0.49512007	0.47137412	0.53776449	0.61021872
Q8K2B3	Succinate dehyd	0.42281753	0.47655834	0.46842274	0.45405079	0.3695021
Q8BHF7	CDP-diacylglyce	0.94976223	0.48132323	0.5194702	1.08159552	0.34382146
Q924D0	Reticulon-4-inte	0.59614157	0.43845539	0.50316145	0.42009821	0.46553564
Q8K1Z0	Ubiquinone bios	1.01504269	1.06435954	1.06287331	1.01119694	0.42861216
P11103	Poly [ADP-ribos	4.73395531	21.0867436	2.92505928	23.8422609	1.6527724
Q8R404	MICOS complex	0.5750978	0.66786836	0.60963197	0.62743689	0.3946224
P50136	2-oxoisovalerate	0.45786677	0.44422552	0.4809111	0.5041856	0.46840512
Q9D6K8	FUN14 domain-	0.76935771	1.27218556	1.39203072	0.86771894	0.42338271
Q9DCM0	Persulfide dioxy	0.44630807	0.47268442	0.44997994	0.3890223	0.43304291
Q8BWM0	Prostaglandin E	0.37471035	0.38303289	0.31348788	0.3337927	0.42532698

Q91V92	ATP-citrate synt	1.82529988	1.57899434	0.55996658	3.63380176	39.3631171
Q8C7X2	ER membrane p	0.79277313	0.55692519	0.42695155	0.81320865	0.5399766
Q9D0S9	Histidine triad n	0.66017802	0.81069822	0.73886005	0.80165355	0.43697608
Q8JZN5	Acyl-CoA dehyd	0.37070154	0.43463682	0.39633378	0.40003746	0.40204774
Q9JHU4	Cytoplasmic dyr	0.50007004	0.33311965	0.27950048	0.89351969	0.34426923
Q78PY7	Staphylococcal r	1.54104725	1.28113355	0.90205605	3.48856482	1.54713983
Q80ZS3	28S ribosomal p	0.45158213	0.4455403	0.41329943	0.6662495	0.47392752
Q3UJU9	Regulator of mi	0.90834808	1.05362428	1.58169124	1.13304105	0.45485159
P18760	Cofilin-1 OS=Mu	0.54054244	0.47956693	0.4734368	0.57964481	0.44846249
P38060	Hydroxymethylg	0.40198793	0.30401771	0.41869445	0.35739804	0.43555943
Q791T5	Mitochondrial c	0.29501062	0.38232266	0.406552	0.4609729	0.36541402
Q8BX10	Serine/threonin	0.30036425	0.29549423	0.28249976	0.28856492	0.40916304
P52480	Pyruvate kinase	2.30412794	1.16362666	1.75646207	1.46270218	0.39087494
Q9CZB0	Succinate dehyc	0.46390846	0.48373536	0.48482848	0.61175398	0.40369357
Q9Z2Y8	Pyridoxal phosp	26.2264874	21.0867436	0.06333837	0.28775569	0.48787301
Q8CC88	von Willebrand	0.50267805	0.48093662	0.46341468	0.55015321	0.43826026
O88441	Metaxin-2 OS=M	0.60140074	0.63847811	0.61927134	0.85137948	0.44613658
Q8CAQ8	MICOS complex	0.56374995	0.574972	0.56593768	0.53567477	0.42949622
Q8BIJ6	Isoleucine--tRNA	0.54707758	0.57712346	0.88400292	0.69107219	0.41112842
Q8VDC0	Probable leucine	0.89861903	0.32757624	0.35315564	0.39998414	0.41680943
Q9CRB9	MICOS complex	0.67714158	0.58838137	0.54754867	0.49049822	0.44481355
Q9DB05	Alpha-soluble N	0.96915448	1.00521949	1.34502079	1.80189987	0.5603522
Q8JZQ2	AFG3-like protei	0.68701101	0.78697403	0.60571868	0.68406629	0.47915594
Q921S7	39S ribosomal p	0.4052433	0.42045427	0.2231655	0.3412641	0.48038559
Q9CXV1	Succinate dehyc	0.53729401	0.67951792	0.55400054	0.46819183	0.56826555
Q61102	ATP-binding cas	0.7164819	1.04665862	0.85522957	0.83378501	0.47850298
P20108	Thioredoxin-dep	0.59708744	0.60989111	0.61535819	0.5964741	0.41799057
Q9CRD0	OCIA domain-co	0.45167614	0.5574398	0.50302343	0.5116254	0.46905483
Q8C3X4	Translation fact	0.82979444	0.42120191	0.90251009	1.80548823	0.55812822
Q61576	Peptidyl-prolyl c	26.2264874	0.40322231	0.56096389	0.42591632	39.3631171
Q99LB2	Dehydrogenase,	0.66653432	0.71689676	1.52030077	0.5458689	0.48007219
Q99KK9	Probable histidi	0.49801969	0.43514902	0.51636406	0.4934332	0.4363127
Q9ESW4	Acylglycerol kina	0.43114052	0.36805435	0.34822822	0.41040485	0.45825722
Q9CZS1	Aldehyde dehyd	0.29023326	0.29011635	0.2839274	0.28918185	0.4681772
Q60930	Voltage-depend	0.75360989	0.76755342	0.75493346	0.75703736	0.39240635
Q3U2A8	Valine--tRNA lig	0.92628579	21.0867436	0.87046862	0.14043341	0.61556853
Q9D2R6	Cytochrome c ox	0.57360987	0.50553277	0.4847	0.87372938	0.57302172
P17742	Peptidyl-prolyl c	1.0297501	0.74091194	0.6920362	0.81019629	0.44627158
Q8K1E0	Syntaxin-5 OS=M	26.2264874	0.951106	0.99829058	1.24679836	1.35436829
Q9CZP5	Mitochondrial c	1.0111509	0.83160566	0.84269185	0.72380079	0.49409881
P35700	Peroxiredoxin-1	0.78778927	1.16549799	0.93462614	1.13393555	0.48875805
P51174	Long-chain spec	0.41794631	0.50496707	0.43410633	0.42489338	0.4566838

Q3TC33	Coiled-coil dom	0.70627489	0.77532855	0.60905584	0.83507804	0.34111316
Q6PE15	Mycophenolic a	0.62284112	0.68258689	0.00255589	0.61411882	0.44614817
Q921G7	Electron transfe	0.64720185	0.57681482	0.65753259	0.6217188	0.47297692
Q5SUC9	Protein SCO1 ho	0.73166922	0.55470541	0.30156532	0.62897459	0.45591086
Q9DCS3	Enoyl-[acyl-carri	0.59787411	0.49866594	0.50365964	0.54366738	0.47508669
Q8BGH2	Sorting and asse	0.61828208	0.71896939	0.68655311	0.75719277	0.46048839
Q8BYL4	Tyrosine--tRNA	0.48873225	0.40791262	0.64305843	0.7106407	0.39165021
Q91V41	Ras-related prot	2.56475881	3.54944913	1.71472939	3.26028007	0.5560741
O08756	3-hydroxyacyl-C	0.39807231	0.42118745	0.41979672	0.39526003	0.45420088
Q9R0X4	Acyl-coenzyme /	0.51062625	0.47032775	0.56839179	0.5523536	0.66059592
P62874	Guanine nucleot	0.68082972	0.81559729	0.47852169	0.00238423	0.8617699
P70296	Phosphatidyleth	1.48762312	0.46313308	0.8001492	2.3407481	0.47597305
Q8K4F5	Protein ABHD11	0.57204734	3.10345249	1.94011137	0.83380189	0.77870346
Q99M04	Lipoyl synthase,	0.61247365	0.38002375	0.39938659	0.34880843	0.31472283
P35550	rRNA 2'-O-meth	5.38509241	2.04297958	1.3013933	3.5581619	3.88471054
Q99JT1	Glutamyl-tRNA(	0.55009372	21.0867436	0.70696293	0.65579815	0.81514253
Q91YP0	L-2-hydroxyglut	0.71321796	0.97605955	0.87840494	1.13332322	0.50107409
Q3TUH1	Phosphatidate c	0.69953853	0.66784981	0.62445764	0.93005665	1.60030106
Q99104	Unconventional	0.68512464	1.94008112	1.01042694	2.45998237	0.4337228
Q99L04	Dehydrogenase,	0.57652284	0.70989149	0.57656131	0.63385974	0.44664144
Q8BGY7	Protein FAM210	0.87752913	0.47523672	0.92268491	1.31047885	1.72792423
Q9CZW5	Mitochondrial in	0.72490035	0.71648808	0.72864353	0.70227894	0.50059025
Q8BG51	Mitochondrial R	0.60274492	0.53062367	0.50661788	0.63726648	0.44941754
Q8JZU2	Tricarboxylate t	0.36655178	0.37581646	0.3308715	0.32226565	0.48859654
P47754	F-actin-capping	26.2264874	21.0867436	20.4199188	23.8422609	0.50663788
Q02248	Catenin beta-1 (	1.0338346	0.77676249	1.10768171	0.99165418	0.58544371
Q8BIG7	Catechol O-met	0.6210885	0.79015869	0.97155869	0.79308807	0.56131242
Q9CZN8	Glutamyl-tRNA(	0.71841148	0.67542963	1.35872344	0.78405999	0.45708369
Q6Q477	Plasma membra	1.928898	1.69774332	1.97594189	2.01452002	0.64968034
P26645	Myristoylated al	0.35652707	0.40339576	0.38061971	0.34126168	0.47979449
P47738	Aldehyde dehyd	0.43850079	0.46078701	0.45376134	0.43155813	0.52909087
Q9JJL8	Serine--tRNA lig	0.65216864	0.43392232	0.7635944	0.53705007	0.55317435
Q99JR1	Sideroflexin-1 O	0.39921021	0.42222274	0.40188845	0.37285997	0.49884653
Q8BHE8	m-AAA protease	0.90004025	1.03205442	0.81641083	0.83761905	0.70357275
Q9WUR2	Enoyl-CoA delta	0.65750829	0.47307259	0.5155594	0.7459323	0.57200365
P51175	Protoporphyrino	0.62223422	1.2744625	1.43203129	1.20446055	0.94293294
P80317	T-complex prote	0.50329252	3.20794727	2.85508683	1.86583116	39.3631171
Q9CQ62	2,4-dienoyl-CoA	0.49564647	0.4489528	0.51607716	0.46484085	0.53973522
P80318	T-complex prote	1.54149258	1.49349918	1.5941829	3.31458782	1.01116359
O35459	Delta(3,5)-Delta	0.3214922	0.30520004	0.30645353	0.33248096	0.62067645
Q9JIG8	PRA1 family pro	0.94566666	0.61711488	0.61143224	0.65249452	0.40989473
Q3KNM2	E3 ubiquitin-pro	0.36943167	0.37235306	0.42239582	0.39325147	0.53673271

P32037	Solute carrier fa	11.6114205	7.93502307	1.86498982	1.58650094	0.6790897
Q61735	Leukocyte surfa	2.25627063	2.02842224	2.38793184	2.20353577	0.660774
Q99KX1	Myeloid leukem	26.2264874	1.18655696	1.45938012	0.46548794	0.56122927
Q60649	Caseinolytic pep	0.44725348	0.41113038	0.34182438	0.63772266	0.54110889
Q6P3A8	2-oxoisovalerate	0.26796478	0.36397971	0.34189554	0.22816453	0.28756753
Q99JY0	Trifunctional en	0.64149647	0.6266166	0.60255499	0.62500231	0.45525485
Q8BYM8	Probable cystein	0.99985907	0.9938579	1.86458963	1.34856958	0.56871907
P19258	Protein Mpv17 (	0.80236686	0.6398672	0.60260689	0.62708383	0.64149563
Q66GT5	Phosphatidylgly	26.2264874	2.96306859	20.4199188	0.42792526	0.64249029
P42125	Enoyl-CoA delta	0.76525201	0.78932071	0.73445718	0.75939737	0.49646169
Q9CZT8	Ras-related prot	26.2264874	21.0867436	1.95277022	1.39406328	0.25371397
Q9D6K5	Synaptojanin-2-	1.54973738	1.45542473	1.07529964	1.16825614	0.5565059
Q8CEE7	Retinol dehydro	0.37782785	0.50715443	0.33913479	0.39034888	0.59629744
Q9WVA2	Mitochondrial in	0.69220009	0.78618739	0.68334604	0.64794879	0.54740283
O08917	Flotillin-1 OS=M	26.2264874	21.0867436	1.57599968	3.32225431	0.91798159
Q61425	Hydroxyacyl-coe	0.699052	0.82437455	0.75272842	0.7225966	0.57420065
O35855	Branched-chain-	0.72473421	0.58499753	0.66669728	0.74115379	0.59698512
P17182	Alpha-enolase C	2.72017394	2.08346118	1.97747371	2.55539566	0.56317091
Q9Z0X1	Apoptosis-induc	0.60287254	0.82725177	0.68585682	0.66735302	0.53318743
Q60931	Voltage-depend	0.66126339	0.71893038	0.7685608	0.79041644	0.53385103
Q8BMS1	Trifunctional en	0.67002668	0.7291003	0.70906398	0.67301739	0.54105479
Q924L1	LETM1 domain-c	0.86578165	0.6725517	0.51384657	0.53757889	0.83325125
O88696	ATP-dependent	0.59151343	0.6030363	0.54312127	0.50723809	0.64618977
Q8VDN2	Sodium/potassiu	1.88495725	1.99525742	2.2144384	2.45097686	0.45666808
Q99MN1	Lysine--tRNA lig	1.26490035	1.26523267	1.03612438	0.74971535	1.0814836
Q14CH7	Alanine--tRNA li	0.68376514	0.54862317	0.67589974	0.59396078	0.46229921
Q99JP7	Gamma-glutamy	1.11014577	0.69975263	0.92016206	0.92415893	39.3631171
Q62465	Synaptic vesicle	0.91350258	1.0902291	0.58282141	1.2004985	0.80783132
Q5IRJ6	Zinc transporter	0.30285739	0.65736291	0.59160912	0.58640736	0.35600779
P41216	Long-chain-fatty	2.3761949	1.38716202	1.01062558	1.17774085	0.88725919
Q99N95	39S ribosomal p	0.8938741	1.97597988	1.09506152	0.8321476	1.36990002
P97493	Thioredoxin, mit	0.60361526	0.31989683	0.00204199	0.40489319	0.65028506
P62075	Mitochondrial in	1.17681563	0.99509728	1.13565546	0.70354151	0.65601219
Q9QXX4	Calcium-binding	0.96442593	0.7841307	1.13449929	0.75088652	0.40243163
P47802	Metaxin-1 OS=M	0.86423019	0.82066528	0.95484964	0.95331657	0.66084443
Q5U458	DnaJ homolog s	0.83257084	1.13838916	0.80539105	0.79045794	0.68953824
P63321	Ras-related prot	1.25811047	21.0867436	1.64143411	23.8422609	0.63052839
Q9CPQ3	Mitochondrial in	0.55612043	0.5887621	0.56954874	0.55918732	0.57488355
P61021	Ras-related prot	3.92771572	1.64175167	2.09074882	1.07947739	0.75930149
Q9Z2Z6	Mitochondrial c	0.4746905	0.56022773	0.48551922	0.57927885	0.61605345
Q80Y14	Glutaredoxin-re	0.5323808	0.55679276	0.53290197	0.52133237	0.57949829
Q9QZH6	Evolutionarily co	0.56500215	0.73004013	0.58420727	0.60305975	0.66026496

Q99M87	DnaJ homolog s	0.68655717	0.74980704	0.73148371	0.70991906	0.65120454
Q9CXT8	Mitochondrial-p	0.58623963	0.42896035	0.86624277	0.86096691	0.58542912
Q9ER00	Syntaxin-12 OS=	0.93323117	0.6777222	0.68680433	0.80162001	0.7336459
P16858	Glyceraldehyde-	2.89334325	2.7955627	2.66837486	2.55452731	0.53174436
Q9D5T0	ATPase family A	0.66149712	0.66630658	0.54475703	0.60496949	0.61354426
Q59J78	Mimitin, mitoch	0.65642347	0.70018821	0.78744727	0.94353939	0.72218971
P47791	Glutathione red	0.91284015	0.69708717	1.05287178	0.99206847	0.50869026
Q9CQV1	Mitochondrial in	0.85743368	1.00561374	0.80071662	0.91589455	0.82399005
Q61656	Probable ATP-de	0.80776622	21.0867436	2.7242803	3.92164464	6.21929487
P06151	L-lactate dehydr	2.77601667	0.93202453	1.66884214	1.12258725	0.61686182
P48036	Annexin A5 OS=	1.72547975	21.0867436	20.4199188	23.8422609	39.3631171
P58771	Tropomyosin alp	0.66147536	1.535101	20.4199188	23.8422609	1.96503087
P52825	Carnitine O-palr	0.93086709	0.92214856	1.07014294	0.93890101	0.75772689
Q91WM2	Haloacid dehalo	0.62515394	0.95786523	0.58914903	0.74716167	0.884
Q99LB7	Sarcosine dehyc	1.33996307	0.74614021	0.78732731	1.02325079	0.83509604
Q91YJ5	Translation initia	0.73605217	0.9825112	1.03044811	0.6252896	1.00898357
Q9CQY5	Magnesium trar	1.33592283	0.38837569	0.72287374	1.84278838	0.62182423
Q80V26	Inositol monopl	0.99538307	0.41562094	0.19999985	23.8422609	2.01792041
P15532	Nucleoside diph	0.52676815	0.5028576	0.50062346	0.50509312	0.38607349
Q9D1E8	1-acyl-sn-glycer	0.44589754	2.13275755	0.82020625	1.00038741	0.57865285
Q9CQ06	39S ribosomal p	1.11713287	0.96792872	0.64866951	0.71304595	1.03219505
P46638	Ras-related prot	0.73083983	0.65780588	0.5556106	0.52894844	1.11772658
P29758	Ornithine amino	0.42648122	0.4790487	0.4564043	0.43567914	0.72013911
Q99JF8	PC4 and SFRS1-i	1.58934613	1.16037811	2.00979969	0.54359217	39.3631171
Q91VA6	Polymerase delt	0.47148524	0.42552156	0.61199193	0.69663833	0.66122949
Q80VL1	Tudor and KH do	0.28472147	0.26739517	0.36753256	0.37065113	0.98638286
Q60714	Long-chain fatty	0.59964556	1.32335788	0.87467246	0.61797623	0.33713014
Q9JHS4	ATP-dependent	0.62850955	0.6208793	0.64121614	0.66563052	0.9248962
Q9JLJ2	4-trimethylamin	1.03656324	0.9356618	1.04046503	1.06988751	0.86024025
P63001	Ras-related C3 b	3.18847352	2.59002458	1.61791026	2.43902589	0.65857014
Q3URS9	Coiled-coil dom	1.13574157	0.94930123	0.99278023	0.89109352	0.93188156
Q9QYA2	Mitochondrial in	0.70219294	0.60620899	0.59682376	0.57661768	0.71424422
Q9QXS1	Plectin OS=Mus	1.70152496	0.84618458	0.89783157	0.4729981	1.03050371
P62071	Ras-related prot	0.56506193	0.74758415	0.61891871	0.69656756	1.79703838
Q61578	NADPH:adrenoc	0.81718863	0.76334266	0.96424145	0.96882105	0.98477138
P28667	MARCKS-related	0.32580678	0.35528246	0.30899687	0.34083063	0.77526614
Q8BGA9	Mitochondrial in	0.65800458	0.65787651	0.54834672	0.6870974	0.99916744
P50544	Very long-chain	0.84531384	0.73904097	0.79177229	0.72314487	0.78641151
Q07417	Short-chain spe	0.7598065	0.63352726	0.74054119	0.90127213	0.93749523
P97478	5-demethoxyub	26.2264874	2.02400872	1.29767806	3.15018364	0.51356074
P51912	Neutral amino a	2.25080836	0.87559046	0.85509559	1.45157115	0.77160439
Q9JIK5	Nucleolar RNA h	0.42733164	0.93896626	0.9810649	1.30393231	8.60452538

Q61941	NAD(P) transhyd	1.22997663	1.2500678	1.10714588	1.22089131	0.87388693
P21278	Guanine nucleot	0.56723343	0.75492099	1.04536263	1.84970168	0.94835319
Q99N94	39S ribosomal p	0.79405378	0.47928127	0.57943868	0.68185936	1.36992226
Q78IK4	MICOS complex	0.83070961	0.86304591	0.80833751	0.67924168	0.92553155
Q3ULF4	Paraplegin OS=M	7.83368593	2.04292408	2.49242245	2.09265672	0.58524907
P36552	Oxygen-depend	0.74484823	1.34122813	0.48565943	0.96451963	1.29847475
P67778	Prohibitin OS=M	0.77892193	0.84353098	0.77757188	0.82510288	0.80788688
Q9Z0V7	Mitochondrial in	0.51487708	0.52718146	0.67357333	0.74938474	1.59491037
Q9QZ23	NFU1 iron-sulfu	0.67262044	0.73439221	0.64866678	0.66218308	0.78313228
Q3UQ84	Threonine--tRNA	1.47355301	1.16052492	0.98736706	1.12102051	1.09117417
Q9D7N3	28S ribosomal p	0.55109049	0.85298644	0.64827964	0.75642651	0.8991018
Q8R127	Saccharopine de	0.87018699	0.81592875	0.7837958	0.62964712	0.69679094
Q3U186	Probable arginin	0.83723212	1.41530359	1.39396711	0.79003501	0.99512658
Q925I1	ATPase family A	0.99522256	1.05645545	0.97230415	0.96017149	0.82448257
Q9DC61	Mitochondrial-p	0.83704184	0.82008898	0.92211452	0.73566018	0.89119587
Q9D6Z1	Nucleolar protei	2.081325	0.67407955	0.70840279	1.7255124	1.0656418
Q8BU88	39S ribosomal p	0.66561834	0.67757545	0.65190871	0.69678499	1.10868226
P09405	Nucleolin OS=M	1.69600454	0.69878836	1.34095989	1.76369647	2.54224868
Q9CQV7	Mitochondrial in	0.73338632	0.62260347	0.63477012	0.71323712	1.23040223
Q60716	Prolyl 4-hydroxy	0.97482172	1.46981456	1.07018403	1.14148562	1.61011579
O35129	Prohibitin-2 OS=	0.7973211	0.82305464	0.76763384	0.75302904	0.78440567
P59017	Bcl-2-like protei	0.48643938	0.46669494	0.50576249	0.60305662	0.74231511
Q8K2Y7	39S ribosomal p	0.6198992	0.65325249	0.63420357	0.64047057	0.79589598
Q8BP40	Lysophosphatidl	0.75223938	2.02637847	1.64420584	1.96777848	1.41734087
P54071	Isocitrate dehyd	0.8702926	0.884804	0.7605569	0.75259566	0.86069335
Q9CZR8	Elongation factc	0.88510606	1.07273018	1.10031325	0.89682997	0.81855694
P58252	Elongation factc	1.20442085	2.26357578	1.31763857	0.96284773	0.93955175
Q91WK1	SPRY domain-co	0.68118351	0.7303998	1.06267711	0.65846779	0.89430574
P40630	Transcription fa	0.97233238	1.14064981	1.01675802	0.93526888	0.82448463
Q9D6U8	Protein FAM162	1.66645317	1.43275053	2.02869721	1.26558282	0.75547701
P24369	Peptidyl-prolyl c	0.8063844	0.67970293	0.55295406	0.64232972	0.9202365
Q9D0G0	28S ribosomal p	0.74609167	0.48503717	0.48229638	0.60727129	0.89834895
Q91X78	Erlin-1 OS=Mus	1.69231171	21.0867436	20.4199188	23.8422609	1.22401684
Q02053	Ubiquitin-like m	0.86499816	21.0867436	1.6964305	1.6845085	0.55304934
Q9D1H8	39S ribosomal p	0.9110724	0.68454126	0.71196516	0.83226345	0.97526635
Q9WTR1	Transient recept	1.03418351	6.47843951	0.42508195	1.13123499	9.53856903
Q9CQD1	Ras-related prot	1.15047549	4.6441187	1.26265795	2.58575784	1.60115265
P32020	Non-specific lipi	0.57531146	0.36036842	0.42331357	0.45739884	1.19317797
P53994	Ras-related prot	1.0310305	1.22605318	1.39237774	1.28052209	0.88717547
Q99KE1	NAD-dependent	0.85151651	0.91366672	0.98827795	0.82061496	0.88536175
Q9D8Y1	Transmembrane	0.83807457	1.29126511	0.66052291	0.75672875	0.92318936
O35658	Complement co	0.80477216	0.96055875	1.082964	0.96737004	0.79789881

O35435	Dihydroorotate	1.14260011	1.04175191	1.18447159	0.83859239	1.12546067
Q8R3F5	Malonyl-CoA-ac	0.60687289	0.70536012	0.68056536	1.35817094	1.11865784
Q80YD1	ATP-dependent	1.47571551	1.37114228	1.01693085	1.11169303	1.08885253
O88986	2-amino-3-ketol	0.68832124	0.88879622	0.89024831	0.90157363	1.03461683
Q99LC5	Electron transfe	1.10888332	1.15508921	1.09693004	1.06359291	0.87111153
Q9DCU6	39S ribosomal p	1.09974235	0.95542469	0.62003837	0.71677693	1.19802696
Q9QZD8	Mitochondrial d	1.43988124	1.59962839	3.55497931	2.42761654	0.89955059
P63038	60 kDa heat sho	1.01172685	1.03906714	1.0493063	0.98842645	0.89446144
Q8BSY0	Aspartyl/aspara	1.3939951	0.95298345	2.20118911	8.32689125	0.81991475
Q9CWU6	Ubiquinol-cytoc	1.63242136	1.20336108	1.56041497	1.37757795	1.04939128
O35465	Peptidyl-prolyl c	0.6913375	0.81869864	0.81212943	0.60619642	0.84147975
Q99L43	Phosphatidate c	3.44736984	1.93646315	2.70790835	2.22078509	0.95812174
Q9DCW4	Electron transfe	1.1756292	1.19325345	1.11993316	1.07610902	0.83724612
P62962	Profilin-1 OS=M	1.69643036	1.96797413	1.32579874	1.7700743	0.9043351
Q9D3P8	Plasminogen re	0.36994194	0.42181053	0.38033831	0.3970074	0.82894237
Q9CQ92	Mitochondrial fi	1.92686331	1.77392902	1.80942421	1.99085503	1.00758982
Q9CQF4	Uncharacterized	3.52179264	1.40112864	2.04789035	1.25017651	0.98170712
Q9CQL5	39S ribosomal p	0.58917454	0.87312197	0.66648812	0.98995056	1.06537714
Q64433	10 kDa heat sho	0.95695123	1.04738197	0.97395379	0.95572296	0.88322481
Q6PB66	Leucine-rich PPF	0.56315224	0.5834904	0.58108228	0.54778729	0.95708227
Q9CR59	Growth arrest a	1.13311586	0.87502849	0.65054714	0.95107145	2.10290686
Q9CQU0	Thioredoxin dor	26.2264874	2.55176532	7.51622888	13.0906676	39.3631171
Q9CQX2	Cytochrome b5	1.42889293	1.42441729	1.42578395	1.36563438	0.9657419
Q62167	ATP-dependent	26.2264874	0.57517888	1.24332392	1.08383769	0.42790651
Q9QY76	Vesicle-associat	2.0483942	1.15637796	1.48349198	0.82495929	1.57217621
P07901	Heat shock prot	2.34945208	2.04560091	1.91531869	1.18654559	0.96329432
Q99KV1	DnaJ homolog s	0.9109686	0.40820436	1.99509121	2.04617348	0.8034679
P60335	Poly(rC)-binding	1.69503972	0.82090203	0.95615771	1.26446298	0.87189235
Q8C3X2	Coiled-coil dom	1.01120411	0.68217911	0.56143282	1.31662395	1.01451428
Q61738	Integrin alpha-7	0.90159985	0.26888151	0.71692006	0.29199707	0.70605421
P35282	Ras-related prot	1.52329769	1.92030063	1.16053411	1.55405656	1.1841679
Q9ER88	28S ribosomal p	0.73156192	0.68636096	0.66143532	0.72749574	1.17196059
Q8BK08	Transmembrane	1.48065466	0.94583178	0.84712831	0.80693911	1.94404586
P47740	Fatty aldehyde d	1.69398136	14.3267733	1.71612743	1.90291461	1.00207328
Q9D1P0	39S ribosomal p	0.50820107	0.99160781	0.81720649	0.86215399	39.3631171
Q8VEG4	Exonuclease 3'-5	1.15085191	1.7194453	1.13257643	0.94760093	1.18929976
Q61387	Cytochrome c ox	0.73790496	1.56457194	0.78690925	0.81544968	0.99635065
Q80X85	28S ribosomal p	0.73284657	0.66241018	0.74394611	0.65851582	1.07366992
Q8K1J6	CCA tRNA nucle	0.89237484	0.73431761	0.78512485	1.20525774	0.56773577
Q91YM4	Protein TBRG4 C	0.41382429	1.90681555	0.46085312	0.73567092	0.55479254
Q9CQV4	Reticulophagy r	26.2264854	21.0867436	3.11686096	23.8422591	39.3631171
Q91VC9	Growth hormon	1.48622035	1.61452157	1.19649559	2.11030235	0.87090478

Q9EPE9	Manganese-trar	1.45536526	1.67569916	1.00171235	1.38529628	1.30078371
Q922F4	Tubulin beta-6 c	0.95898711	0.82463497	20.4199188	1.00556832	39.3631171
Q9CQN7	39S ribosomal p	0.73773013	0.79148649	0.70146378	0.8027295	1.16457693
Q8BJ03	Cytochrome c o:	0.71268978	1.21610643	0.87447694	0.75652622	1.77786672
Q9CQB5	CDGSH iron-sulf	1.24313794	1.17210922	1.19725468	0.93690549	1.72094881
Q8K1R3	Polyribonucleot	1.21648403	1.0874837	1.2382085	1.3889391	1.07357626
Q9D1B9	39S ribosomal p	0.8012601	0.60811475	0.68627541	0.86381146	0.65169594
Q01853	Transitional end	1.32350248	1.48453308	2.22325446	2.40958323	1.24387153
Q9D0L7	Armadillo repea	0.5274404	0.80194921	0.5717067	0.50872372	1.0140029
Q9D1G1	Ras-related prot	2.59791884	4.1059134	3.43829684	3.2712906	1.20415474
Q8K2M0	39S ribosomal p	1.39214449	0.93259836	1.27469909	1.02806983	1.36247328
O88967	ATP-dependent	0.67039304	0.64385711	0.78527548	0.83411612	1.11242345
Q9CQN1	Heat shock prot	0.8739491	0.99982571	0.94732462	0.92636682	1.21712589
O35083	1-acyl-sn-glycer	1.62164464	1.07446124	0.97760476	0.98963564	1.23349437
Q9D1N9	39S ribosomal p	0.81850442	0.74480325	0.75983588	0.70909731	1.76787499
Q99N92	39S ribosomal p	0.68538157	0.56194512	0.43668317	0.63444956	0.68814843
Q8BLF1	Neutral choleste	2.27004998	2.25346553	1.63054077	1.86412071	1.00083326
Q3TZX3	Solute carrier fa	1.74268918	0.97910549	2.48888676	0.95964716	1.49992206
O70152	Dolichol-phosph	3.70197619	1.53548158	4.15733046	2.18823031	1.34703794
Q9D8T7	SRA stem-loop-i	0.58612933	0.64722194	0.57172101	0.58041079	0.82879793
P61027	Ras-related prot	1.59738108	1.88139042	1.62708541	1.5583648	0.93700337
P62821	Ras-related prot	2.25167001	1.74436005	1.94839773	2.09834979	1.04315999
O35857	Mitochondrial ir	1.07700287	1.11234917	1.16604154	1.33272671	1.00781853
Q8BGT5	Alanine aminotr	0.65982979	0.72306758	0.87864739	0.82158148	1.77989292
Q61024	Asparagine synt	26.2264874	4.64814027	2.06225434	3.48028419	0.93403887
Q60715	Prolyl 4-hydroxy	1.45094609	0.93683652	0.68848984	1.09975605	1.52086916
Q6ZWV3	60S ribosomal p	1.08453122	0.63110497	1.68080246	1.47770728	0.71165859
P35279	Ras-related prot	2.75228374	5.95353771	6.01531024	3.99581837	2.1467623
Q69ZN7	Myoferlin OS=M	2.7334363	2.27294578	1.49613292	1.62978908	1.61750452
Q14C51	Pentatricopepti	0.7293035	0.76937416	0.75753839	0.80650294	1.18547541
Q9CPR5	39S ribosomal p	0.92308744	1.00017432	0.88420282	0.83937429	2.95118474
Q921E2	Ras-related prot	1.28976919	21.0867436	5.24389481	3.29522003	3.92548379
Q61733	28S ribosomal p	0.86363729	0.91303788	0.87372544	0.88411871	1.33913501
Q9D880	Mitochondrial ir	0.77955097	0.83085753	0.7772787	0.83956545	1.09546691
P14733	Lamin-B1 OS=M	1.8684644	1.90973832	1.80512767	2.92209352	1.61755707
Q8K0D5	Elongation factc	1.33835145	0.77669788	0.82582069	1.00390381	1.13336904
P09925	Surfeit locus prc	0.98342306	0.93081261	1.60862381	1.50960767	1.30962729
Q9JKF7	39S ribosomal p	0.71244886	0.52448166	1.44008503	0.81029401	1.54366489
O08579	Emerin OS=Mus	3.48093681	2.72638549	1.10608543	1.70596407	1.84932953
Q9CZX8	40S ribosomal p	1.18878227	8.86601264	1.07363491	0.78207083	0.40141824
Q8BH24	Transmembrane	1.60327718	0.92968615	1.88792507	1.26938298	1.71008053
Q9CXR1	Dehydrogenase,	4.41287733	4.84186282	1.26389922	1.49501799	0.92332573

Q99KF1	Transmembrane	0.74171697	0.73293234	0.7945984	1.0937119	0.96009792
Q9JIY5	Serine protease	1.38102712	1.2884261	1.19632694	1.23396017	1.39880006
Q9CY16	28S ribosomal p	1.04657766	0.9543087	0.83362673	0.84910053	1.19757057
Q8BLN5	Lanosterol synth	1.734703	0.86567578	1.47611136	1.83358061	1.29474003
Q9CPX7	28S ribosomal p	0.95742301	0.8136325	0.82851803	0.78390759	1.22873454
Q9D1M7	Peptidyl-prolyl c	5.31037447	8.95520884	4.19967462	2.85244415	39.3631171
Q8K411	Presequence pro	0.98659821	1.15835707	1.12214199	1.16141049	1.13847997
Q9Z2Q5	39S ribosomal p	0.84381734	0.68496961	0.67644564	0.72054463	1.38277479
Q924T2	28S ribosomal p	0.85311925	2.70816755	1.23027871	1.00538869	1.34245876
P36536	GTP-binding prc	2.37043275	5.04787211	20.4199188	23.8422609	0.58894958
Q9CPY7	Cytosol aminope	1.77902292	1.22517317	1.26800102	1.30781717	1.49842864
Q9JIK9	28S ribosomal p	0.62592535	1.6892479	0.78973862	0.75061889	1.83626519
Q61753	D-3-phosphogly	1.12070914	0.89572639	1.46206197	0.81075928	0.85067929
Q8C5Q4	G-rich sequence	0.81029839	8.21208099	0.88149701	0.99473663	1.52731977
Q9DB15	39S ribosomal p	0.90628513	0.92397193	0.92182036	0.85785263	1.52719805
Q99PU8	Putative ATP-de	1.13557437	2.53677903	1.82184333	1.77920146	1.05521565
P80314	T-complex prote	0.70336623	1.33654303	1.46885672	1.17131846	1.192314
O55022	Membrane-assc	1.48458147	1.92382328	1.4028854	1.69358098	1.01599296
Q9CXW2	28S ribosomal p	0.99443157	0.70306222	0.67374232	0.77714987	1.09590425
Q9WV54	Acid ceramidase	26.2264874	5.23175449	13.9195245	3.1161857	1.28382145
P61255	60S ribosomal p	1.24001175	0.5060052	0.65169113	0.85935878	1.45592181
P62702	40S ribosomal p	1.09173717	1.08037656	1.18712112	1.28256189	4.05364284
Q04750	DNA topoisome	26.2264874	2.2297417	1.10306677	1.63837224	39.3631171
Q9CQW2	ADP-ribosylatio	1.78469867	10.6017878	1.96982648	3.21635096	0.89765184
Q99J47	Dehydrogenase,	2.11040991	1.08022805	1.02609296	0.72703933	0.87638031
O35609	Secretory carrie	1.22879246	0.96137993	3.16709441	12.5590536	0.52163917
P99024	Tubulin beta-5 c	1.19819298	1.13578131	1.21380608	1.11212527	1.26006461
Q8BSF4	Phosphatidylser	1.4651215	4.35230937	2.33410448	1.34070096	1.1119269
P62830	60S ribosomal p	1.69132788	1.35651968	1.53043161	1.53632293	1.0894832
Q99LP6	GrpE protein ho	1.18128731	1.14844551	1.15770903	1.15382267	1.30768115
Q9CQE3	28S ribosomal p	0.75818694	1.21853017	0.78944203	0.8972185	1.50532992
Q8BK72	28S ribosomal p	0.83468107	0.90141537	0.79331618	0.83166841	1.27630734
Q9CZU4	GTPase Era, mit	0.92193885	1.43386281	2.8664604	2.67327863	1.94400213
P51150	Ras-related prot	1.42546372	1.39539491	1.12656355	1.25608889	1.28022619
P97742	Carnitine O-palr	2.03952649	1.75838609	1.12555218	1.17237861	1.4999993
P35278	Ras-related prot	1.61833699	1.6835741	1.8030019	1.47900936	1.34001587
Q3TZZ7	Extended synap	26.2264874	6.38830218	9.83130088	0.46992933	0.87973813
Q6DVA0	LEM domain-co	0.63059213	0.31034921	0.71954092	0.55989588	5.25650753
Q8R1V4	Transmembrane	6.1299362	1.21361592	6.17973466	1.95807856	1.63416346
P62281	40S ribosomal p	0.25251916	1.40932794	1.27750314	2.66024535	39.3631171
O70439	Syntaxin-7 OS=M	0.50111389	0.56146796	0.79508447	0.98353726	0.72322885
Q8BUY5	Complex I assen	0.79888945	1.07931195	0.80690136	1.03179405	2.07282582

Q8BH04	Phosphoenolpyı	2.75346128	2.60152945	2.54230498	2.50227004	1.77992013
Q8K013	GTP-binding prc	0.74702329	1.22628716	1.69301496	1.83779358	1.20193277
Q99N89	39S ribosomal p	1.28500799	0.98175346	0.47839657	0.94796052	1.6071892
P58059	28S ribosomal p	0.81647905	0.86002289	0.87444121	1.21753078	1.42371472
P26041	Moesin OS=Mus	1.88769088	3.73943728	1.18661918	3.98791155	1.11507816
Q01768	Nucleoside diph	26.2264854	1.04270089	0.59756664	1.03375199	1.17243322
Q99JB2	Stomatin-like pr	1.39686367	1.55959665	1.32510663	1.53749529	1.42714199
Q3TVI8	Pre-B-cell leuke	0.40077362	0.89866917	1.26348248	0.93923929	0.55348002
Q9CY27	Very-long-chain	1.09150843	1.16912119	0.6511018	0.7162941	2.43092914
Q9JI39	ATP-binding cas	3.05353158	2.26270039	4.31203232	2.8372235	0.79484844
Q99N96	39S ribosomal p	0.98036877	0.84973075	0.68088171	1.21920155	1.56796333
Q3TIU4	2',5'-phosphodi	1.42196811	21.0867436	20.4199188	0.58722234	1.69141941
Q9Z2I8	Succinate--CoA l	1.68474447	1.78012065	1.77209109	1.56831211	1.24843072
Q9CZW4	Long-chain-fatty	4.28040978	1.85529362	7.03589295	5.2939953	0.78574241
Q8VE22	28S ribosomal p	0.90602551	0.86757918	1.08899645	0.8389039	1.36886374
P19253	60S ribosomal p	1.90968627	1.3488725	1.10012601	1.04126114	6.38849633
P14873	Microtubule-ass	0.26234801	0.31083219	0.31733367	0.34879123	0.31132202
Q920A7	AFG3-like protei	2.27945407	1.24568847	2.00334622	3.02211121	2.55183366
Q8K2C9	Very-long-chain	1.98627244	1.35154239	1.0739871	1.00142914	1.85801788
P63037	DnaJ homolog s	7.02101138	1.07186425	1.23665487	1.35248014	1.6003752
Q9CZD3	Glycine--tRNA li	3.596347	1.08731447	1.36375629	1.2975654	1.29898923
P18242	Cathepsin D OS=	3.05981547	2.59454971	2.35644032	3.00029547	2.20203184
Q7TQ95	Protein lunapark	3.52076542	0.88765961	0.68491097	0.69044247	1.90389032
Q9D8S9	BolA-like protei	0.78119567	1.69667166	2.03826457	1.1410444	1.39561154
Q9D0E1	Heterogeneous	2.94242187	2.45378051	1.86500151	2.86164089	2.61718596
Q8C0I1	Alkyldihydroxya	6.6261584	2.70687448	2.54284168	3.11626256	2.7432961
Q8BU14	Translocation pr	1.73699418	2.29185028	2.62384826	1.33244897	0.74136268
Q99JY4	TraB domain-co	2.30191767	1.42682002	2.29133929	1.01185747	2.32127467
P08752	Guanine nucleo	3.77844743	1.98050581	1.59395622	2.5052505	1.12647828
Q9D0Q7	39S ribosomal p	1.44367462	1.14130902	1.08338143	0.93031176	1.1896958
P10852	4F2 cell-surface	2.06989098	3.08395294	2.56326421	2.14388874	1.43934329
O70318	Band 4.1-like pr	13.4532174	5.65640731	5.55924976	6.28602522	2.00125151
Q01320	DNA topoisome	4.75153891	1.58901761	0.92261383	1.9100446	1.54996459
Q8R035	Peptidyl-tRNA h	1.10695856	1.37160813	1.10259677	1.27669907	1.93796708
Q9QYR9	Acyl-coenzyme A	2.75181552	1.46647621	1.67308863	1.63154955	1.77925512
Q9CYR0	Single-stranded	0.92527676	0.91154945	1.68231208	2.01817762	1.84557651
P11499	Heat shock prot	2.40817364	1.29175489	1.26504205	1.56285368	1.81057797
Q9D338	39S ribosomal p	0.75863264	0.95872794	0.84340664	0.84648177	1.29558279
P61022	Calcineurin B ho	2.70108989	2.9890934	3.47595012	1.99624024	2.23664598
P38647	Stress-70 protei	1.56496264	1.62739733	1.58550774	1.58838704	1.65470438
P63017	Heat shock cogr	3.05471987	2.90336274	2.93274642	2.64371455	1.75398421
Q9CQU3	Protein RER1 OS	5.08077715	0.92967047	1.40890811	23.8422609	3.13304324

P70168	Importin subuni	5.24638298	6.21685052	20.4199188	2.85575159	0.77845682
Q9DC71	28S ribosomal p	1.16085202	0.9913679	0.8780807	0.82264902	1.43560989
Q99MZ7	Peroxisomal tra	1.05107993	1.20940672	1.34195491	1.30880626	2.50441346
Q9CRY7	Glycerophospho	1.8931499	1.78668914	1.9443378	2.13105077	2.13965455
Q9D1I6	39S ribosomal p	0.9816176	0.86329899	1.04060816	0.86749526	1.75176243
Q9CQF0	39S ribosomal p	1.03294644	1.27079044	1.1883544	1.07685186	1.43524969
P35922	Synaptic functio	0.79885874	1.22316641	1.29110404	0.91153214	2.21828705
Q9JJE7	Fatty acid desat	2.39991884	2.11714745	1.63878312	1.5520636	1.31050112
P54116	Erythrocyte ban	6.77235878	5.2456452	3.01018751	1.9073952	2.59996524
Q9WTQ8	Mitochondrial in	0.90717592	0.90023824	0.89966835	0.98376271	2.06174769
O55143	Sarcoplasmic/en	2.23177809	2.38373094	2.03706848	2.25833262	1.71132065
P11983	T-complex prote	1.05711246	1.89427422	1.2187103	0.82947188	39.3631171
Q9CXJ1	Probable glutam	0.93976919	2.04346302	2.17049056	3.59043518	1.0087405
P62855	40S ribosomal p	3.43068915	1.37817642	1.81617817	2.47834765	1.8982821
Q8BH97	Reticulocalbin-3	2.60318927	2.00076008	1.50255815	1.7910019	3.26220684
Q9D8P4	39S ribosomal p	0.82492651	0.27581769	0.69300274	1.00265198	2.2726701
P09242	Alkaline phosph	2.46562187	2.64266844	1.19813861	1.79869442	5.37868426
Q8R3Q6	Coiled-coil dom	1.11059148	21.0867436	2.81081339	0.97101046	1.26890434
Q8BM55	Transmembrane	1.4236669	2.59902255	2.37571272	0.50651446	0.45557366
Q80W54	CAAX prenyl pro	26.2264874	21.0867436	20.4199188	6.56303243	39.3631171
P42932	T-complex prote	4.33646961	3.87612819	2.16318861	3.99158097	3.756913
Q9Z1Q9	Valine--tRNA lig	21.8880699	3.35667898	1.06065873	1.95575931	2.7024626
Q99PL5	Ribosome-bindi	1.86095619	2.02826558	1.56716124	1.98379882	2.24656506
Q3V3R1	Monofunctional	2.35528777	2.46751154	2.31198012	2.35856995	1.65935459
O35286	Pre-mRNA-splici	3.05592868	2.45898595	2.35701655	2.99918246	5.85797516
Q9EP69	Phosphatidylino	1.98627907	0.99423677	1.14561259	1.89726678	1.50428717
Q8BP92	Reticulocalbin-2	3.90748665	6.79270836	1.63100815	2.42338391	4.10224873
P17225	Polypyrimidine t	5.97406936	9.46769238	11.2855237	23.8422609	9.52526125
Q9D710	Thioredoxin-rela	4.60463221	4.01170019	5.08363587	2.15880834	4.31228914
Q8BGQ7	Alanine--tRNA li	1.03732709	1.23952419	0.73094647	1.65477445	0.80359704
Q3UVK0	Endoplasmic ret	3.15537301	2.88605678	1.5303876	4.16135921	2.25702303
Q9CQL4	39S ribosomal p	0.98540797	0.89917191	0.87376858	0.8732852	3.42266571
Q8JZR0	Long-chain-fatty	4.2327373	0.70494732	7.5131333	0.93699877	39.3631171
Q99N93	39S ribosomal p	0.80439642	2.96470956	0.78093075	0.85287289	1.46456924
Q9R0A0	Peroxisomal me	4.91670604	1.89882227	1.91794183	2.94561505	4.7255843
Q9WV55	Vesicle-associat	2.47003165	3.26696738	1.93323415	3.2743661	3.37290885
P24270	Catalase OS=Mu	0.61801002	0.56661096	0.48503154	0.65519975	1.98197118
Q3TDN2	FAS-associated f	2.65960952	1.58093947	2.00105608	2.70298664	2.65565335
Q922Q4	Pyrroline-5-carb	1.28841781	1.44839914	1.40615547	1.37139749	1.90863871
Q8CGK3	Lon protease ho	1.74211429	1.95937474	1.82006283	1.84208067	1.93761327
P53986	Monocarboxylat	1.67185753	1.51335829	1.257677	1.39974851	2.40383588
P35293	Ras-related prot	1.97800076	1.68576607	1.5709496	1.48668494	2.66014421

Q9CY73	39S ribosomal p	1.275538	1.91936894	0.96873769	1.08902781	2.85309566
P21995	Embigin OS=Mu	1.5185485	0.90592069	1.2957738	1.2221935	3.9065323
Q9DB73	NADH-cytochro	2.23977803	4.06626676	1.85121005	3.62980264	1.37419896
Q8VCM8	Nicalin OS=Mus	2.20352382	1.0662184	1.1316373	1.66858184	1.51001749
Q91ZV0	Melanoma inhib	26.2264874	2.56811687	6.46411785	3.24502167	8.34442104
Q9CPR4	60S ribosomal p	8.41819482	1.64802746	2.38968236	3.05098065	2.82482684
Q8K2C7	Protein OS-9 OS	1.16745681	1.4033541	2.29138564	2.22401157	1.46628893
P11438	Lysosome-assoc	1.62287971	2.89701647	1.30029195	1.69300116	3.61458951
P62082	40S ribosomal p	0.76731471	1.36277285	1.03745445	1.29779073	39.3631171
P62245	40S ribosomal p	2.9495359	5.18511364	2.22196236	2.0471703	4.06794317
Q9Z110	Delta-1-pyrrolin	1.7557557	1.32650266	1.63588851	1.62952771	2.66275396
P58064	28S ribosomal p	0.64177447	1.07647414	1.96383785	1.36716907	39.3631171
Q8BJZ4	28S ribosomal p	0.73338332	0.97333526	0.72739082	0.80645701	1.73619627
Q9EQI8	39S ribosomal p	0.871287	1.32949863	1.11902928	1.04162972	1.7168371
P62827	GTP-binding nuc	12.1535424	1.81221281	1.85940411	3.41448886	2.60260333
P10605	Cathepsin B OS=	10.9608827	5.83947806	4.63175839	1.59094083	3.49465163
P58742	Aladin OS=Mus	1.2369187	0.48896307	0.95845496	0.99961274	0.34946462
Q8R3K3	Pentatricopepti	26.2264874	5.66420914	0.89858579	1.21920144	39.3631141
Q920B9	FACT complex s	2.6244113	1.35167159	1.53107649	1.22566396	2.25998153
Q8R2Y8	Peptidyl-tRNA h	1.60843918	1.68691344	1.41051763	1.44166419	2.3537209
P48678	Prelamin-A/C OS	3.74337527	2.10051678	2.35656184	2.66567717	6.2844576
Q5XJY4	Presenilins-asso	2.70434314	3.83639267	2.18901613	0.99333303	2.60477782
P97351	40S ribosomal p	5.00303282	1.16721628	1.22863452	1.91281747	1.84446665
Q64511	DNA topoisome	26.2264874	2.35029041	4.61789566	23.8422609	39.3631171
Q9CR57	60S ribosomal p	2.80485622	1.52670975	1.51794296	1.76540669	1.88045379
Q9D7N9	Adipocyte plasm	2.84754864	3.27646387	4.92948201	4.38701957	3.16793742
P80316	T-complex prote	1.64538796	3.05124381	1.98877561	2.86538148	1.56112249
O70378	ER membrane p	1.25321221	1.26236711	1.42671276	2.52094706	1.53041519
Q9R0E1	Procollagen-lysi	2.79064191	2.5339367	3.57998854	2.35374045	5.32571327
P68033	Actin, alpha car	26.2264874	6.31568819	5.80788656	6.55696236	3.29906284
P18572	Basigin OS=Mus	3.09314759	2.37940651	4.43285534	4.65464564	2.31339492
Q9CQ40	39S ribosomal p	0.87323359	1.1220181	1.16814015	1.01963742	2.36567275
Q9CXI5	Mesencephalic a	13.543441	3.05785694	4.05494577	4.91407293	5.71361815
Q61595	Kinectin OS=Mu	2.95758286	3.23128359	1.99034229	3.89527385	4.4520971
Q9CQV5	28S ribosomal p	0.26945147	3.54432111	1.06993077	0.61713163	1.90324858
P51660	Peroxisomal mu	1.3355773	1.26860107	1.46016453	1.33443512	2.16473795
Q61584	Fragile X mental	0.88804754	0.75571106	0.93543869	7.70961131	39.3631171
Q9D1D4	Transmembrane	1.68664247	1.1628834	0.68457431	1.12680818	1.6869004
O35114	Lysosome meml	4.74502341	4.57193909	2.13368986	1.72054408	2.94802428
O08547	Vesicle-trafficki	4.34286856	3.59212472	2.25399565	2.6438014	3.58120668
P62301	40S ribosomal p	2.69152874	3.14992322	4.02192885	1.82280394	3.73468468
P27659	60S ribosomal p	12.0436417	2.56647249	7.32400384	2.66953417	3.44791822

P22437	Prostaglandin G	2.2213753	7.03006856	3.45392469	3.52787885	2.34017023
P61620	Protein transpor	1.18025971	1.66906461	2.40022439	3.44796247	2.07146688
P35979	60S ribosomal p	2.15406052	1.63028431	2.38654608	1.16433354	2.07826361
Q3U9G9	Lamin-B recepto	5.27316632	7.03655359	2.33561371	2.54714254	2.68672543
Q9QUJ7	Long-chain-fatty	4.10272663	3.57428484	3.07763847	3.99425083	4.23911509
Q9WTP6	Adenylate kinas	2.16255019	1.93839792	2.02686277	2.04119391	2.73050786
Q9QYE6	Golgin subfamily	2.66802465	0.77055421	0.83567062	1.29464837	5.37973838
O08795	Glucosidase 2 su	3.54660533	2.65823188	2.39204513	2.70409146	3.5935114
Q8K297	Procollagen gala	26.2264874	9.0291191	3.07990835	1.50378942	7.00874728
Q80UM7	Mannosyl-oligos	6.38739385	3.70630101	1.48295382	3.57401807	2.46384104
Q91V12	Cytosolic acyl co	4.06129179	0.45857704	20.4199188	4.58317816	2.66320237
Q9WUQ2	Prolactin regula	1.44650967	1.39269707	3.06596267	4.27256501	2.34703247
Q8BKE6	Cytochrome P45	0.80779955	4.42020517	2.73997806	2.54166183	1.64357896
Q8VE37	Regulator of chr	1.40678962	2.88269119	3.35758666	2.99435819	39.3631171
P17047	Lysosome-associ	4.31744935	3.39370651	4.17205822	12.3179979	2.13098422
Q61879	Myosin-10 OS=M	2.73146689	2.90197476	2.19222116	2.54348381	3.38134175
Q91ZX7	Prolow-density l	0.46415661	0.58084791	0.35675165	0.51441884	1.0063116
Q9DBS1	Transmembrane	26.2264874	2.67206688	3.15777924	2.81081269	39.3631171
Q8VD46	Ankyrin repeat,	26.2264874	21.0867436	20.4199188	23.8422609	3.57855863
Q9ERR7	Selenoprotein F	26.2264874	3.72113447	20.4199188	4.69281869	4.29240367
P15379	CD44 antigen OS	9.85335726	17.0293875	3.35215226	3.18753813	39.3631171
O70252	Heme oxygenas	4.16347588	2.41867227	3.14882472	3.57685574	2.84339092
Q9D024	Coiled-coil doma	1.7593411	4.08486438	2.52973259	1.85443386	4.6001495
Q8BP67	60S ribosomal p	3.51908789	1.93941407	2.49142383	1.91783524	9.81279802
Q99N87	28S ribosomal p	1.13122074	4.97688864	1.24740926	1.1825691	2.783974
P14131	40S ribosomal p	2.58304824	4.89726757	1.88719383	1.71328119	2.57933836
Q9DCN2	NADH-cytochro	2.29121674	2.00921408	1.7545916	1.87962922	3.21444559
P47955	60S acidic ribos	2.83737095	2.5237969	3.16906906	2.55606029	3.31076769
Q8VCH8	UBX domain-cor	3.97086511	1.22027993	2.51819856	1.55994086	3.68195394
P57776	Elongation factc	2.77251656	1.54661512	1.55496538	1.92144349	2.27524344
P60843	Eukaryotic initia	3.38570567	1.6749728	1.7404648	2.05949211	3.30224357
P27601	Guanine nucleot	2.03490223	2.28853335	2.26917735	4.79172928	0.70469992
E9Q7G0	Nuclear mitotic	7.94995601	1.23727631	0.90089988	7.13908292	1.49616932
Q9D8N0	Elongation factc	3.05819873	3.10739865	3.51749974	1.76522161	6.7326338
P35980	60S ribosomal p	2.48783436	2.71445329	1.53838185	2.21575845	10.7185586
P67984	60S ribosomal p	2.41270698	1.9160118	2.30323164	1.63610051	5.26721532
Q61029	Lamina-associat	1.81899222	1.30464955	1.59690215	1.61636255	12.0033106
Q9JHJ0	Tropomodulin-3	2.78641322	6.02700073	2.16290663	4.81646977	0.78736802
P80315	T-complex prote	7.48449499	7.00526583	5.01722268	3.66506435	3.54453537
Q8VEK3	Heterogeneous	3.145027	0.70282417	1.45383832	0.71843429	1.42989495
Q9CR88	28S ribosomal p	0.72720284	1.03473477	1.52068791	0.66696471	3.13949705
P62900	60S ribosomal p	26.2264874	9.49539013	0.96118657	3.31653167	1.65779445

Q5SSK3	Transcription el	26.2264874	5.34573009	1.76364036	1.90493156	3.12156532
P80313	T-complex prote	1.02618852	9.95968637	1.95029703	2.55301024	2.23212865
Q3U3R4	Lipase maturati	26.2264874	15.8309043	2.54677814	3.60270834	2.62430328
O70503	Very-long-chain	3.55156561	4.33183148	3.50922915	2.99725294	3.95288995
E9PVA8	eIF-2-alpha kina	1.52769959	2.5915109	1.91107551	1.35176697	1.68773678
Q64310	Surfeit locus pro	9.38266933	8.42095754	8.58334616	11.0578508	3.74235101
Q9WVA4	Transgelin-2 OS=	4.4271319	1.37786241	2.15477703	2.46719342	18.6426443
Q6PB93	Polypeptide N-a	1.52592803	0.43442768	0.83750983	1.17876405	1.38912254
P60122	RuvB-like 1 OS=	26.2264874	21.0867436	1.76072414	3.36694468	39.3631171
Q9DBZ1	Inhibitor of nucl	26.2264874	21.0867436	1.19778476	4.36980346	3.88548798
Q99P72	Reticulon-4 OS=	1.61099123	1.60375896	1.7236656	1.89452881	2.19955141
P07356	Annexin A2 OS=	1.74197748	2.37762417	1.02146711	2.61066545	21.0573561
P27773	Protein disulfide	3.70666935	3.41296937	3.50783015	3.60063897	3.47644906
Q7TPV4	Myb-binding pro	1.07528871	0.88979578	0.63878998	1.12277484	3.13664798
Q6PA06	Atlastin-2 OS=M	26.2264874	8.69079601	2.80449526	4.13480697	26.6123496
Q3TBW2	39S ribosomal p	0.55749719	0.85944403	2.0348021	0.95631744	1.96372581
P57759	Endoplasmic ret	3.05267368	2.87341973	2.9187022	3.49129654	2.44276012
Q8K009	Mitochondrial 1	1.99510964	1.67885038	1.64130889	1.67186983	4.48724617
P46978	Dolichyl-diphosp	5.23353356	2.34135076	1.96951003	7.88140503	14.0223942
Q8VHE0	Translocation pr	1.93695471	2.82708434	1.47480086	2.10869252	1.44681508
P41105	60S ribosomal p	2.45962836	3.57210573	3.07988849	7.36100247	7.69979489
Q80WJ7	Protein LYRIC OS	7.27771769	2.86855595	3.77038147	4.09525784	3.82864816
Q8BI84	Melanoma inhib	10.5354896	2.16484549	2.00526187	3.68882939	4.01865106
O54946	DnaJ homolog s	2.60044551	0.60396568	0.84426564	3.11416909	2.92309668
P61979	Heterogeneous	23.7038808	21.0867436	3.66931556	4.06061323	14.8502504
P55096	ATP-binding cas	1.00014095	1.57089157	1.40385861	0.76356577	2.56142934
P10126	Elongation factc	2.52249258	2.05982302	2.06310574	2.50206063	2.79868577
Q60737	Casein kinase II	8.97051437	15.7272579	4.82804648	4.76908839	5.87450009
P26350	Prothymosin alp	5.5447595	1.28488194	20.4199188	2.2218076	39.3631171
P24668	Cation-depende	1.85742043	1.50833434	4.20882465	12.9537445	4.09555242
P25444	40S ribosomal p	2.75761844	1.30212345	1.60137122	2.01488383	4.19440693
Q9WV84	Nucleoside diph	2.67401766	1.92325055	2.25018927	1.79300305	4.49001809
Q61207	Prosaposin OS=I	3.92829424	2.15740805	2.18018061	3.43862658	9.96753097
Q99JI6	Ras-related prot	10.0512305	21.0867436	10.6480532	4.39161078	3.84379576
Q8BXZ1	Protein disulfide	8.58015346	3.72394181	4.47776928	2.40598658	5.12068853
Q61543	Golgi apparatus	9.46224501	2.92456198	4.01665024	5.25588592	2.61637511
Q8BRF7	Sec1 family dom	6.38208391	3.46419086	2.91594177	4.11475046	3.66148022
Q5ND52	rRNA methyltra	1.1087275	0.67298577	0.69764645	0.81484008	1.67837516
Q9R0Q3	Transmembrane	16.665832	14.141521	20.4199188	23.8422609	22.6383647
Q62186	Translocon-asso	5.12309266	1.80726538	3.2114438	4.68333296	4.67503724
O88455	7-dehydrochole	2.6582614	10.5237928	1.36174892	11.3143417	39.3631171
Q8R180	ERO1-like protei	6.91370142	6.45102732	5.17065016	5.94009534	7.53347572

P43275	Histone H1.1 OS	12.9025276	1.7180907	2.6002766	4.25858402	6.04741384
Q9CZX9	ER membrane p	2.48757198	1.83914437	1.6398721	3.40914936	5.47882338
P62242	40S ribosomal p	1.82996278	1.70108619	1.3268032	1.32582092	14.371553
P09055	Integrin beta-1 (	4.23232912	4.42283675	4.64081728	4.55671506	6.61178935
Q6P5E4	UDP-glucose:gly	7.39959886	2.72498343	3.49731304	4.25737983	4.77949754
Q9QY81	Nuclear pore m	5.78578508	0.95705912	7.05464792	2.95390137	2.73875831
Q9CRD2	ER membrane p	3.37352756	4.33878105	3.18273686	1.66316366	3.32799311
Q6GQT9	Nodal modulato	4.77938225	5.11672072	3.26107395	5.69134979	9.23078941
O08734	Bcl-2 homologo	4.4295135	4.40804513	3.09672119	3.60236136	16.6226252
Q922W5	Pyrroline-5-carb	2.31946025	1.95671682	0.96040469	1.77625988	5.58829297
P26231	Catenin alpha-1	5.18510324	2.59899098	1.78288959	2.42214721	6.36217357
Q91YQ5	Dolichyl-diphosp	4.02024037	2.86018682	2.81505072	2.76170711	4.74455456
P35564	Calnexin OS=Mu	4.29194209	4.29283358	3.85416348	3.64270404	6.1256884
Q61335	B-cell receptor-a	10.3230938	5.70291705	9.76607639	9.21224747	6.36447175
Q9D2V8	Major facilitator	26.2264874	21.0867436	9.36534451	23.8422609	23.9163596
Q9CQF9	Prenylcysteine c	2.68430616	2.13203762	3.31872405	1.5147539	2.29793274
P19324	Serpin H1 OS=M	4.69910825	2.52535903	3.34024471	2.9500796	4.21724715
P47911	60S ribosomal p	4.12277512	2.74757548	5.25914915	5.50172922	7.98391556
Q9CR67	Transmembrane	4.84404405	4.87282601	4.16487467	4.19705111	8.73189572
Q02819	Nucleobindin-1	4.03768666	4.69232893	3.97297133	3.93480207	8.76486749
P47963	60S ribosomal p	2.88342943	2.12962544	2.17870331	5.67052429	5.45315569
Q8R0X7	Sphingosine-1-p	3.25988793	1.72141306	3.08571432	2.48734225	10.9290611
Q9D0F3	Protein ERGIC-5	26.2264874	4.04447448	3.80619758	7.93550906	39.3631171
Q62351	Transferrin rece	1.95061013	4.25255509	2.5404456	1.75156827	3.8461585
Q99LI2	Chloride channe	2.14790594	21.0867436	1.24758443	2.87003817	1.56709579
Q9R0E2	Procollagen-lysi	26.2264874	6.31452544	5.79645184	9.24446596	39.3631171
P13020	Gelsolin OS=Mu	8.31636939	8.24517542	6.44163907	5.74903774	5.21075052
Q9QYF1	Retinol dehydro	6.42753986	3.79595772	1.17227311	2.19594636	8.01864043
Q9CXW4	60S ribosomal p	7.24338637	2.07117646	2.8302036	4.06688522	5.30505148
Q9DBE8	Alpha-1,3/1,6-m	3.00391971	4.80290595	2.39881661	2.31034704	4.76271396
Q9QXT0	Protein canopy	11.3811894	2.549912	3.95997208	8.17545601	39.3631171
P14211	Calreticulin OS=	4.67480455	4.07951033	3.48713323	4.56155228	5.68277712
Q8CCJ3	E3 UFM1-protei	0.70241229	2.50689594	2.76699018	2.09261101	2.69887062
P16014	Secretogranin-1	15.819568	4.37467639	13.1955297	10.2674192	5.76258555
P99027	60S acidic ribos	6.24173622	4.38062128	3.33096499	3.40150606	5.26873004
Q05186	Reticulocalbin-1	1.35258876	1.41965336	1.79729019	1.901442	8.96087222
Q3U7R1	Extended synap	11.0935869	4.53720167	3.57196254	5.48264543	5.37932807
P14148	60S ribosomal p	3.42915895	3.45287422	2.75729721	3.05106933	3.89376734
Q8BHC4	Dephospho-CoA	1.42762284	1.39415212	1.17150038	1.36966374	5.20418559
Q9D8E6	60S ribosomal p	2.74587878	3.77516812	2.5972593	3.97196238	6.76376689
Q91W90	Thioredoxin dor	2.45468708	1.9965722	1.49654956	1.41474349	2.0023777
P61358	60S ribosomal p	3.4826546	3.57834462	3.64573844	3.89569905	7.66211715

P47758	Signal recognitic	12.4253747	4.87980897	5.27217371	5.01424819	11.1520223
P18155	Bifunctional me	7.31155729	5.00568036	3.8042124	4.98655497	6.94109417
P14869	60S acidic ribos	3.56268749	2.56269344	2.26729013	2.2404255	9.15812102
P62754	40S ribosomal p	0.65963845	0.57542869	1.64331412	0.18702737	16.3005911
P61804	Dolichyl-diphosp	9.27359706	2.72528588	1.99609606	2.6812257	6.6466839
Q9EP72	ER membrane p	26.2264874	6.13579521	20.4199188	23.8422609	3.70209205
Q8VBT0	Thioredoxin-rela	4.94339133	5.15768254	3.53694526	3.12108296	3.79321041
Q99N91	39S ribosomal p	5.25721447	1.07405733	2.46587069	23.8422609	39.3631171
Q8VBZ3	Cleft lip and pala	3.20847999	4.72271859	2.65297233	2.82168066	6.90364092
Q9WTQ5	A-kinase anchor	1.9806995	1.60058804	3.15809861	2.51023621	2.07157612
Q9WTI7	Unconventional	1.94781022	21.0867436	2.30134247	14.4263423	0.94473878
P55302	Alpha-2-macrog	1.60087282	0.69509589	0.74353141	0.76131507	2.66994505
Q9DC16	Endoplasmic ret	5.09552945	2.72696486	5.10604026	4.3247054	6.39954048
P50431	Serine hydroxyn	3.56856145	3.45041036	3.22347325	3.50591668	7.61426618
P03975	IgE-binding prot	5.23916515	4.08101253	4.31045376	4.78702256	8.02356488
P08003	Protein disulfide	4.16757152	3.70055119	3.21791908	4.13459642	7.52835081
Q07646	Mesoderm-spec	8.83563621	7.09760319	6.67611246	5.33786006	7.05291711
Q9DBG6	Dolichyl-diphosp	8.40415535	6.30975135	5.06417672	5.87495532	8.40417957
P62270	40S ribosomal p	11.5964646	7.3051726	4.15258115	3.10932641	9.35642392
Q9CYN2	Signal peptidase	4.61190606	13.3943326	1.01500478	4.48657682	10.0865683
P20029	78 kDa glucose-	6.19512974	5.93015755	4.34056945	4.73335237	7.41591297
O70251	Elongation factc	26.2264874	8.41813251	3.7422124	8.10867068	39.3631171
O08807	Peroxiredoxin-4	4.68976694	2.93567933	3.7580603	5.60704594	4.85066773
Q6ZWV7	60S ribosomal p	3.60052693	2.14256736	2.62128996	3.25408403	6.64842048
P62918	60S ribosomal p	26.2264874	2.11071772	2.23628039	2.32968959	10.501362
O08528	Hexokinase-2 OS	7.61928561	5.32502294	3.50554079	6.63682917	2.71967281
Q9CZM2	60S ribosomal p	2.43727881	2.14999293	3.5154098	2.72268844	6.02961294
Q8BMK4	Cytoskeleton-as	6.95776223	4.12606672	4.00164556	4.61656764	7.69078614
Q9R0P6	Signal peptidase	26.2264874	10.5106466	4.12739393	8.05305323	5.85836519
Q921H8	3-ketoacyl-CoA	1.94748094	1.16268502	1.27681707	1.34211854	3.07782325
P15331	Peripherin OS=M	6.78893342	4.71833423	6.22017934	6.24430691	13.0032213
Q9D8V0	Minor histocom	24.4807888	21.0867436	7.76184839	8.65950637	15.6756635
Q922Q8	Leucine-rich rep	10.792275	6.31982037	4.75156136	6.10217913	10.8739042
P12970	60S ribosomal p	3.1312674	2.53240554	1.6914808	1.86687118	8.35385549
Q61937	Nucleophosmin	26.2264874	7.35247186	2.54307517	6.22263828	14.9114699
Q9JKR6	Hypoxia up-regu	9.1272346	4.77385521	4.91982721	5.76718429	8.28873406
Q9D379	Epoxide hydrola	5.48212063	2.52277411	4.44372453	4.17253254	3.73610442
P37040	NADPH--cytochr	7.30892007	6.20725891	2.45476742	6.83178175	3.29383208
Q9ERG0	LIM domain and	2.18065253	1.82461056	1.22429631	1.03116728	2.76277183
Q80UU9	Membrane-assc	14.2376259	21.0867436	10.3291431	11.4783591	17.5405028
O54962	Barrier-to-autoi	26.2264874	21.0867436	20.4199173	23.8422609	39.3631171
O35887	Calumenin OS=M	8.37715741	4.69871905	4.4320238	4.60646889	10.7288069

Q921F2	TAR DNA-bindin	22.845191	8.07389148	1.87030251	9.4299478	1.28629353
Q8R5J9	PRA1 family pro	18.3113774	21.0867436	8.86972932	4.67850118	13.3341748
P09103	Protein disulfide	6.27659629	4.609695	5.07535515	5.12052126	8.52911885
Q9QZQ8	Core histone ma	26.2264874	6.56570354	7.96055748	8.53219133	17.0264387
Q9CR60	Vesicle transpor	4.80642271	1.44925652	2.84406711	3.69184055	7.05329326
O09167	60S ribosomal p	5.02122321	21.0867436	0.91223441	4.80749381	39.3631171
Q8BMD8	Calcium-binding	5.73819465	12.4466759	4.32283997	6.35290105	15.1116896
P62751	60S ribosomal p	1.73598359	0.8815644	1.73101702	2.07649177	3.44428664
Q8C7E7	Starch-binding d	16.327237	1.69274662	5.28140242	2.98083924	39.3631171
P49817	Caveolin-1 OS=M	26.2264874	4.35617932	20.4199188	3.55450271	39.3631171
Q91YN9	BAG family mole	13.094327	4.59280591	4.14478846	8.52765378	6.38878839
Q9QYI4	DnaJ homolog s	4.54460254	21.0867436	6.27881268	11.5595857	12.0114658
P16045	Galectin-1 OS=M	26.2264874	21.0867436	4.70748012	6.47144886	10.3968233
P43276	Histone H1.5 OS	9.62043091	10.5333337	6.27154344	6.76370856	13.0159277
Q8VCF0	Mitochondrial a	5.76201813	3.48438722	16.0242443	1.93246221	4.5024163
P10922	Histone H1.0 OS	11.1363786	9.49959873	4.38771627	5.32946892	19.200756
Q9Z2G6	Protein sel-1 ho	26.2264874	21.0867436	1.27452041	2.72843837	39.3631171
P10404	MLV-related prc	1.89415686	3.97049343	2.09162222	3.75333594	4.37370467
P08113	Endoplasmin OS	6.52683062	4.6261843	6.31965852	7.16734276	7.7272506
Q60605	Myosin light pol	7.723177	5.29831218	10.3551346	10.8555676	7.03691849
Q8BH79	Anoctamin-10 C	1.7767006	21.0867436	16.5998445	4.84698792	1.08402381
Q8VDD5	Myosin-9 OS=M	10.2530295	7.79551114	7.23417985	9.04216636	12.9674881
Q8C7K6	Prenylcysteine c	10.0319886	11.534938	3.05970841	23.8422609	6.76432022
Q8BHN3	Neutral alpha-gl	6.12201755	3.71417886	5.54554594	6.01014081	8.62509933
P43274	Histone H1.4 OS	9.05016108	5.7383748	7.42797839	6.67088805	12.4627667
Q9DBH5	Vesicular integra	12.4626478	1.67304848	6.13397789	11.8092534	5.73662204
Q9Z127	Large neutral an	8.19286197	17.9473957	7.53230424	2.84611533	3.60024413
Q922R8	Protein disulfide	9.72341037	7.03436081	6.85426563	6.23131046	13.5544767
Q9CY50	Translocon-asso	10.4156354	6.72522159	20.4199188	4.13125716	36.0467343
Q8CGC7	Bifunctional glut	3.56646748	3.02066733	2.17064149	2.60724092	5.52182424
Q8BFZ9	Erlin-2 OS=Mus	2.61873068	1.86106254	4.05863608	4.9134531	7.93336399
P20152	Vimentin OS=M	3.08221154	4.73370743	2.69608903	5.78612074	4.03480585
Q6ZWN5	40S ribosomal p	5.6113782	1.6780116	2.31763088	2.74655331	26.6921888
P49312	Heterogeneous	1.06763318	1.56732588	1.0137675	1.60676551	39.3631171
Q922J9	Fatty acyl-CoA r	4.58980537	5.38404786	5.38304788	2.96039299	7.50285467
Q8K358	Phosphatidylino	26.2264854	21.0867436	2.95037736	7.36121075	15.1537175
Q924Z4	Ceramide synth	4.12753607	3.57902796	9.33852187	5.67971852	6.76359196
P10107	Annexin A1 OS=	26.2264874	7.56643139	11.5442507	1.56519192	2.93297729
Q8BTV1	Tumor suppress	26.2264874	21.0867436	5.00976299	1.24546297	39.3631171
P62806	Histone H4 OS=I	14.4975787	9.67037107	9.26745753	12.5367414	18.8850855
P62908	40S ribosomal p	5.60278924	6.06743206	3.13536043	4.8234498	39.3631171
O54734	Dolichyl-diphosp	6.35576127	5.69730237	7.34142056	5.26361084	20.0989673

Q8VDL4	ADP-dependent	14.370164	5.12079458	7.8226079	5.92621804	22.4335907
Q9DBG7	Signal recognitic	2.41585143	1.56274053	3.09634807	3.03298395	19.4406039
Q8BTM8	Filamin-A OS=M	7.68421604	3.65988297	1.45709378	3.77752095	7.81244971
Q6GSS7	Histone H2A typ	11.7633415	21.0867436	8.85954678	12.8302058	39.3631171
Q9R1J0	Sterol-4-alpha-c	26.2264874	2.38384034	0.77589493	1.55478337	39.3631171
P62843	40S ribosomal p	26.2264874	15.7451782	20.4199188	9.62505681	27.3457712
O35316	Sodium- and chl	26.2264874	6.40299084	8.16068038	23.8422609	7.01239988
Q31125	Zinc transporter	26.2264854	21.0867436	6.85016909	6.85077277	9.45814421
Q9ET30	Transmembrane	26.2264874	21.0867436	20.4199188	15.7272409	39.3631171
P57787	Monocarboxylat	26.2264874	21.0867436	20.4199188	23.8422609	39.3631171
P59481	VIP36-like prote	17.7502208	0.87919526	20.4199188	16.8858731	39.3631171
Q09143	High affinity cat	0.1231915	0.74187138	0.21052138	23.8422609	39.3631171
P09602	Non-histone chr	26.2264874	21.0867436	20.4199188	23.8422609	39.3631171
Q8CFE6	Sodium-coupled	26.2264874	21.0867436	20.4199188	23.8422609	39.3631171
Q9CQ19	Myosin regulatc	26.2264874	21.0867436	20.4199188	23.8422609	39.3631171
Q9CX13	Protein cornichc	26.2264874	21.0867436	20.4199188	23.8422609	39.3631171
Q6ZQI3	Malectin OS=Mu	26.2264874	12.0947763	20.4199188	23.8422609	39.3631171
P27661	Histone H2AX O	19.3227616	21.0867436	12.7018744	23.8422609	34.8226582
Q9DC51	Guanine nucleo	26.2264874	21.0867436	6.81549455	23.8422609	39.3631171
Q9ERE7	LDLR chaperone	26.2264874	21.0867436	6.45024733	23.8422609	39.3631171
P70245	3-beta-hydroxys	26.2264874	21.0867436	5.31989931	23.8422609	39.3631171
Q91YH5	Atlastin-3 OS=M	5.67376945	21.0867436	20.4199188	23.8422609	39.3631171
Q3THE2	Myosin regulatc	11.0142723	15.9586052	20.4199188	23.8422609	39.3631171
Q9DCF9	Translocon-asso	26.2264874	21.0867436	3.59667927	23.8422609	5.81886003
P63276	40S ribosomal p	4.43009176	21.0867436	20.4199188	23.8422609	6.40920317
Q5SS80	Dehydrogenase,	26.2264874	21.0867436	20.4199188	3.74527359	39.3631171
Q9DC23	DnaJ homolog s	26.2264874	2.358634	20.4199188	23.8422609	39.3631171
Q9CXY9	GPI-anchor tran	2.41781208	21.0867436	20.4199188	23.8422609	39.3631171
P62342	Selenoprotein T	26.2264874	21.0867436	20.4199188	1.87487237	2.33802109
Q3TLP5	Enoyl-CoA hydra	1.10893547	21.0867436	20.4199188	23.8422609	39.3631171
Q99J25	rRNA methyltra	26.2264874	21.0867436	0.59993619	23.8422609	39.3631171
Q8K4X7	1-acyl-sn-glycer	0.52037299	21.0867436	20.4199173	23.8422609	39.3631171
Q8BRH0	Transmembrane	26.2264874	21.0867436	2.42134778	9.24154188	2.76197674
Q3TDQ1	Dolichyl-diphosp	12.8468669	10.0513295	20.4199188	11.1637132	39.3631171
Q9DC29	ATP-binding cas	7.47442385	8.88031077	12.3010327	23.8422609	39.3631171
Q9CXS4	Centromere pro	26.2264874	2.37138588	20.4199188	2.86496424	9.56738142
P62849	40S ribosomal p	26.2264854	1.33584179	20.4199188	2.93985739	2.40589436
Q6DFW4	Nucleolar protei	8.40418336	21.0867436	11.4599316	6.30753878	16.0940242
Q9CWV0	Mitochondrial a	0.77613533	1.66503479	20.4199188	23.8422591	1.98203969
Q8R2Q4	Ribosome-relea	26.2264874	21.0867436	0.97323432	1.43154976	0.6379304
Q9QXY9	Peroxisomal bio	1.31346611	21.0867436	20.4199188	0.53562322	8.3087817
Q8C129	Leucyl-cystinyl a	6.13273398	21.0867436	1.52626535	9.45454732	1.04007217

Q99KU0	Vacuole membr	5.36333288	7.61318687	14.6556041	9.19759981	5.96600623
P70699	Lysosomal alpha	26.2264874	3.58981048	0.91119343	4.29152647	14.6737182
Q810S1	Calcium uniport	26.2264874	1.71533746	1.15206236	4.58469159	6.5796975
P62889	60S ribosomal p	5.39687734	21.0867436	1.98983246	0.26270971	0.7280877
Q9DB25	Dolichyl-phosph	3.68499486	1.61935901	1.7006544	23.8422609	5.37159341
A2AIL4	NADH dehydrog	4.62123636	21.0867436	0.73881633	2.00360704	0.90256962
Q8K248	4-hydroxypheny	1.81244345	21.0867436	1.65079037	3.10720179	0.7880747
Q9Z247	Peptidyl-prolyl c	0.58197135	21.0867436	2.54872496	2.63795667	2.52209555
P51410	60S ribosomal p	3.24087717	12.3817435	5.48121335	1.99423204	39.3631171
Q6PD26	GPI transamidas	7.74245288	7.45120496	5.08325535	2.74180794	5.89062184
Q3V009	Transmembrane	0.80155949	0.72164687	9.52081053	10.1420087	39.3631171
Q07813	Apoptosis regula	5.96797505	4.23673424	6.09980149	3.54806679	11.8428116
Q8C0L0	Thioredoxin-rela	12.0591629	1.87548273	1.28856288	2.23240862	1.96968372
Q08943	FACT complex su	12.847088	0.9584089	1.18192138	2.52444662	39.3631171
P84099	60S ribosomal p	3.08346137	2.38137848	3.00999745	2.60060695	39.3631171
P45878	Peptidyl-prolyl c	1.97029558	2.5006478	2.54384108	3.66318416	1.9825506
P53026	60S ribosomal p	2.9034289	1.53842034	3.73150913	1.36387175	12.2647131
Q8VDP6	CDP-diacylglyce	1.3024858	1.94722294	2.41704131	2.6121625	3.10925552
P62852	40S ribosomal p	2.20773526	2.36053921	1.0796066	2.62446454	5.82028315
Q9D773	39S ribosomal p	1.2031714	1.10971528	1.2839831	0.75511744	2.71668935
Q9CYL5	Golgi-associatec	1.80757221	0.86548906	0.92182874	0.67775236	39.3631171
P29341	Polyadenylate-b	1.22821882	1.04135494	0.78600951	0.46715874	2.07138749
P02469	Laminin subunit	1.57213407	1.013458	0.37102752	0.63300554	3.92447135
Q8CD10	Calcium uptake	0.74850923	0.98787763	0.76057949	0.77870775	17.0853173
Q9D958	Signal peptidase	2.34489648	0.10899233	0.39684667	0.50245481	3.00553212

P42 Mouse 2	P42 Mouse 3	P42 Mouse 4	P7 Avg	P42 Avg	Log2 P42/P7
0.01015099	0.00670601	0.00347168	0.00585362	0.00822804	-0.49
0.00551735	0.01007096	0.00796409	0.00998622	0.00700246	0.51
0.05472693	0.01394384	0.00851066	0.04629445	0.05049642	-0.13
0.00462846	0.0040803	0.00853014	0.00297394	0.00620945	-1.06
0.0095519	0.00759453	0.00922648	0.03969514	0.00903512	2.14
0.01287534	0.0099716	0.01223223	0.03582148	0.01172975	1.61
0.01962147	0.01459364	0.01711263	0.08009685	0.01726722	2.21
0.01617609	0.05783606	0.02000033	0.03486691	0.0278408	0.32
0.02240336	0.00321175	0.02081899	0.01878079	0.01317505	0.51
0.02267777	0.00707422	0.02145632	0.00998838	0.01667361	-0.74
0.04721617	0.05110277	0.02573845	0.02613022	0.06341422	-1.28
0.00943567	0.02039939	0.02629937	0.01120535	0.02125688	-0.92
0.03956879	0.02801057	0.02988998	0.16758699	0.03017767	2.47
0.04273832	0.03465486	0.03220387	0.24689787	0.03360441	2.88
0.02906905	0.01929496	0.0326499	0.22686051	0.02629807	3.11
0.06530645	0.05015998	0.0405908	0.14419145	0.04730503	1.61
0.16761011	0.20311799	0.04092037	0.17383546	0.12288844	0.50
0.04373345	0.04803162	0.04482933	0.07009227	0.04279889	0.71
0.06616485	0.07138284	0.05144951	0.15706968	0.05531304	1.51
0.05541451	0.05287679	0.05230908	0.12506396	0.05258431	1.25
0.05325748	0.04423059	0.05631305	0.1154353	0.05220087	1.14
0.07184141	0.07380976	0.05748044	0.10438429	0.06575271	0.67
0.05811965	0.05637399	0.05818209	0.10489392	0.05559421	0.92
0.03974476	0.03926244	0.05880984	0.0624872	0.04753509	0.39
0.00290754	0.00740887	0.05917929	0.01222901	0.018358	-0.59
0.01395143	0.00321175	0.05924129	0.01200925	0.02685621	-1.16
0.07065594	0.06738085	0.0638718	0.21941641	0.06335876	1.79
0.06458296	0.04476745	0.06801091	0.24649744	0.05581738	2.14
0.07346758	0.06252334	0.06915499	0.5107707	0.06676673	2.94
0.08259965	0.05371717	0.07080053	0.28559978	0.06631503	2.11
0.06317568	0.05373728	0.07222123	0.1252533	0.06126016	1.03
0.11754354	0.06959755	0.07335544	0.27591403	0.08300832	1.73
0.06517816	0.05447777	0.07397342	0.13867082	0.06402341	1.11
0.1466912	0.08963977	0.07437076	0.29053317	0.1075726	1.43
0.00290754	0.00321175	0.07526636	0.53990879	0.03770866	3.84
0.12959874	0.10846332	0.07884923	0.35640163	0.1047173	1.77
0.07048936	0.05069896	0.08184447	0.18048196	0.06316151	1.51
0.08935497	0.09209523	0.08498896	0.13870769	0.08652723	0.68
0.08384187	0.07161972	0.08618926	0.42824528	0.07526238	2.51
0.08440513	0.07019045	0.08741242	0.06135352	0.07951438	-0.37
0.09083267	0.07779457	0.09119642	0.1426135	0.08496483	0.75

0.08139253	0.09136321	0.0913338	0.13173258	0.08650202	0.61
0.09705482	0.07743933	0.09190377	0.43761549	0.08661251	2.34
0.05148085	0.10615103	0.09291475	0.12121506	0.09243435	0.39
0.12604064	0.12483665	0.09314529	0.49392519	0.11301446	2.13
0.09950573	0.0845188	0.09324936	0.16369737	0.09119715	0.84
0.21171289	0.16391441	0.09331094	0.34748168	0.16748216	1.05
0.20292354	0.09954374	0.09686058	0.37251757	0.11953647	1.64
0.10279883	0.09180383	0.0975583	0.17104129	0.09495759	0.85
0.09458314	0.08218594	0.09794026	0.17187509	0.0906537	0.92
0.10545628	0.10121574	0.09929903	0.18132496	0.10255278	0.82
0.10899644	0.10906506	0.10025086	0.17475593	0.10431574	0.74
0.1034887	0.07880384	0.10071856	0.16394359	0.09145096	0.84
0.09686827	0.08376448	0.10190228	0.16286624	0.09092494	0.84
0.10317266	0.08132454	0.10465425	0.10220979	0.09572569	0.09
0.13340401	0.09219221	0.10491228	0.1754961	0.10017522	0.81
0.12774329	0.08337066	0.10531418	1.52149155	0.09704912	3.97
0.09251094	0.08962372	0.10555217	0.16832805	0.09339001	0.85
0.09447217	0.08850775	0.10764994	0.18002076	0.09599697	0.91
0.09499061	0.07922873	0.10824008	0.22556698	0.09731254	1.21
0.10862387	0.09931742	0.10865722	0.18645772	0.10579719	0.82
0.13427073	0.09440144	0.10880529	0.21670795	0.10878431	0.99
0.12283358	0.11959369	0.10886708	0.1973463	0.11624142	0.76
0.11201059	0.12227241	0.11121403	0.3085664	0.11883906	1.38
0.09704622	0.0952605	0.1121841	0.15488506	0.10075152	0.62
0.16298151	0.12759241	0.11346099	0.55549258	0.12582252	2.14
0.07654935	0.07127595	0.11442815	0.11560985	0.08373569	0.47
0.24164837	0.16824908	0.11512412	0.94130549	0.17369324	2.44
0.12058883	0.10533811	0.11661225	0.2677257	0.1101562	1.28
0.11371927	0.09869392	0.11710444	0.1853332	0.10944715	0.76
0.10132787	0.11097153	0.119824	0.18232113	0.11161527	0.71
0.11119431	0.09297868	0.12070957	0.26034935	0.10693137	1.28
0.13445442	0.11701868	0.12180304	0.34653887	0.120565	1.52
0.11557303	0.10464858	0.12326063	0.25858399	0.11134637	1.22
0.11846513	0.0947653	0.12351265	0.18688293	0.11136424	0.75
0.10869611	0.12712256	0.12409745	0.18431804	0.11582176	0.67
0.12648395	0.12355181	0.12415635	0.14597391	0.12045452	0.28
0.12633272	0.10712423	0.12487644	0.19453902	0.12074932	0.69
0.12664881	0.1216522	0.12605522	0.27752597	0.12602912	1.14
0.21211445	0.14636836	0.12755554	0.14220129	0.16306509	-0.20
0.12526006	0.12357263	0.12786475	0.2205702	0.12644061	0.80
0.12189995	0.10419945	0.12848954	0.33051791	0.11616736	1.51
0.21466136	0.00321175	0.1294811	0.2055812	0.11120078	0.89

0.13866904	0.11111396	0.13079272	0.23111944	0.12621494	0.87
0.13482473	0.11060511	0.13135966	0.21047781	0.12569675	0.74
0.13382293	0.13137226	0.1317543	0.21740181	0.12947574	0.75
0.12995189	0.11109711	0.13474807	0.21907188	0.12393187	0.82
0.20733601	0.16951715	0.13487563	0.15506215	0.16944989	-0.13
0.12384203	0.10128024	0.13563733	0.17911706	0.11807891	0.60
0.14142435	0.10374563	0.1362033	0.21154298	0.12525406	0.76
0.14179868	0.13448588	0.13641354	0.24715605	0.13293685	0.89
0.09434445	0.09809413	0.13966711	0.17099974	0.10942819	0.64
0.1596828	0.12334307	0.14052152	0.8502461	0.13439961	2.66
0.13154648	0.12720206	0.14291931	0.22435934	0.13036652	0.78
0.13107174	0.12005063	0.14553351	0.21346749	0.13175929	0.70
0.12471854	0.11168405	0.14613036	0.20827768	0.12881787	0.69
0.13721335	0.12572058	0.14685701	0.22238097	0.13526663	0.72
0.13832999	0.11478882	0.14742396	0.20433946	0.1309353	0.64
0.23118986	0.21249147	0.14752087	0.33679681	0.19174766	0.81
0.14655723	0.12290315	0.15180697	0.22434738	0.13862171	0.69
0.13558638	0.12038652	0.15204102	0.20222498	0.13304688	0.60
0.19436361	0.23772774	0.15603536	0.49320242	0.18202144	1.44
0.14079221	0.07897786	0.15816442	0.25985682	0.1355813	0.94
0.20416958	0.18041678	0.15841026	0.64939352	0.18237294	1.83
0.16130708	0.13891104	0.15889608	0.24677285	0.15236453	0.70
0.16515071	0.15311306	0.16048069	0.7495359	0.15489405	2.27
0.15200922	0.1337604	0.16119619	0.27974246	0.15030718	0.90
0.26746508	0.22576151	0.16295726	6.68666453	0.20460079	5.03
0.16184759	0.13392361	0.16443365	0.19772452	0.14989813	0.40
0.19783272	0.17842861	0.16459195	0.34915962	0.180667	0.95
0.1550891	0.13015735	0.16466957	0.29337957	0.14843145	0.98
0.18486297	0.13638343	0.16546157	0.21355578	0.16563318	0.37
0.18767728	0.16200856	0.16720402	0.33322549	0.16917678	0.98
29.075367	32.1175034	0.16901665	5.48124983	15.6770885	-1.52
0.15672984	0.15706725	0.16982328	0.26762071	0.1745129	0.62
0.1733424	0.14014388	0.17234886	0.43627298	0.16034098	1.44
0.18327028	0.14583183	0.1730723	0.4421035	0.17190314	1.36
0.21251286	0.15325292	0.1736117	0.18047786	0.18086529	0.00
0.21775424	0.24017253	0.17675393	0.46050738	0.21170614	1.12
0.17803876	0.1654565	0.18048078	0.24304195	0.16832941	0.53
0.16507459	0.12074313	0.18129241	0.31370249	0.15658979	1.00
0.22584095	0.27802465	0.18243464	0.26218717	0.23576943	0.15
0.54119984	0.12584326	0.18272489	0.14906349	0.31504631	-1.08
0.20399571	0.18289514	0.18597864	0.25801874	0.19859412	0.38
0.33503171	0.19198695	0.18621762	6.63980554	0.26346325	4.66

0.1850614	0.15120524	0.18803751	0.38031747	0.17426505	1.13
0.18079843	0.140287	0.1887814	0.32231367	0.16868798	0.93
0.2397541	0.20468254	0.18999624	11.2832707	0.19135812	5.88
0.25139587	0.28801702	0.195655	0.30348834	0.23955054	0.34
0.18995918	0.19222642	0.1966254	11.6519925	0.18600375	5.97
0.13132956	0.18835637	0.19773203	0.15000984	0.17201708	-0.20
0.20146462	0.17917146	0.19798607	0.29469251	0.19342728	0.61
0.16908093	0.17861137	0.19864963	0.41014229	0.17945748	1.19
0.30071116	0.30352668	0.20066292	0.37836377	0.27535711	0.46
0.2654124	0.30144206	0.20068477	6.62067198	0.23707425	4.80
0.23522092	0.23601208	0.2017744	0.26247498	0.21751796	0.27
0.20218397	0.16587138	0.20294801	0.32921034	0.18758556	0.81
0.26621231	0.24623717	0.20374224	0.33937153	0.27234498	0.32
0.20277172	0.18326781	0.20409938	0.32811576	0.19472409	0.75
0.20520007	0.16985384	0.20754493	0.14639483	0.19209346	-0.39
0.18353703	0.16061899	0.20927139	0.4410091	0.18468776	1.26
0.20415653	0.19441307	0.21128421	0.32554386	0.20420815	0.67
0.20764539	0.16621286	0.21147768	0.35675536	0.19376916	0.88
0.22253128	0.18076337	0.21407205	1.03460174	0.19757749	2.39
0.23897069	0.21742433	0.21455034	0.32931709	0.2249324	0.55
0.20842259	0.18863062	0.21476528	0.38700312	0.1851673	1.06
0.22366981	0.19648869	0.21514479	0.18237933	0.20456795	-0.17
0.20587192	0.17318524	0.21527631	0.15489031	0.19622058	-0.34
0.24448284	0.20265399	0.21577758	0.46395428	0.28883808	0.68
1.78194237	2.10617738	0.21859253	1.94181199	1.12949339	0.78
0.21079891	0.17533035	0.21959532	0.39236013	0.19892273	0.98
0.22538805	0.19731601	0.22065225	0.37276017	0.21207225	0.81
0.21669957	0.1798861	0.22118913	0.34817194	0.20521536	0.76
0.22895591	0.17327326	0.22208316	0.49681613	0.20781958	1.26
0.18913062	0.1819277	0.22224485	0.34185331	0.20243065	0.76
0.21049073	0.18001469	0.22263984	0.2574035	0.20341123	0.34
0.2436818	0.18222519	0.22374389	0.36633129	0.21485303	0.77
0.06373216	0.48914893	0.22622945	17.0383221	10.0355569	0.76
0.26870747	0.23562362	0.22771962	1.13960713	0.22918852	2.31
0.2252814	0.20868122	0.22809135	0.24977469	0.22051912	0.18
0.20086662	0.21683339	0.23323956	0.33609752	0.22914478	0.55
0.23317463	0.19034205	0.23519421	0.37603535	0.2161121	0.80
0.25012854	0.23315355	0.23525298	0.34014622	0.23770575	0.52
0.23020722	0.23331139	0.23703978	0.22258433	0.23317534	-0.07
0.3136699	0.20657503	0.23753349	0.25214645	0.26494478	-0.07
0.21447451	0.20374221	0.24068733	0.40447118	0.22384562	0.85
0.21998548	0.14032461	0.24124385	0.34014845	0.20018704	0.76

0.70805026	0.38324021	0.24228519	17.4771487	0.4117101	5.41
0.25580846	0.31708565	0.24291307	0.22669858	0.26214158	-0.21
0.22355857	0.26555383	0.24423409	0.34652804	0.22070933	0.65
0.41325063	0.28401902	0.24765014	0.21808348	0.31324488	-0.52
0.19989828	0.19373547	0.25552731	0.32426731	0.20454702	0.66
0.30807115	0.2700285	0.25674999	0.39890189	0.27670454	0.53
0.20601222	0.30069736	0.25713558	0.55541653	0.2702566	1.04
0.25426853	0.23654988	0.26055348	0.26019325	0.24503922	0.09
0.25365578	0.23292368	0.26244801	0.42996469	0.24906102	0.79
0.33032162	0.38819663	0.26250787	0.97978377	0.32038044	1.61
0.25928821	0.22659226	0.26503764	0.77878582	0.24472692	1.67
0.32395604	0.23279618	0.26553944	0.47566865	0.28450033	0.74
0.24314742	0.20467509	0.26613378	0.39672466	0.23554857	0.75
29.075367	1.04318475	0.27048782	22.8938527	7.70216265	1.57
0.14180423	0.86698477	0.27074332	1.21614247	0.45734498	1.41
0.30648994	0.14365643	0.27187476	6.7521311	0.18148936	5.22
0.26961807	0.32985544	0.27381844	0.18604333	0.26261237	-0.50
0.26944364	0.22916774	0.27474809	0.36900115	0.25369587	0.54
0.2817302	0.34769777	0.27503836	0.49757121	0.27860333	0.84
0.28579813	0.21311957	0.27807347	0.41956113	0.28225504	0.57
0.34030829	0.28630635	0.28333233	0.32000831	0.30903581	0.05
0.26967653	0.24324045	0.28458778	0.44028842	0.2633878	0.74
0.24586728	0.41945076	0.28461197	0.17825212	0.32331228	-0.86
0.29049878	0.25432828	0.28820849	0.44016547	0.27520756	0.68
0.31259806	0.24266832	0.28872447	0.64112066	0.27297634	1.23
0.27268496	0.22714007	0.29082423	0.34259834	0.25548865	0.42
0.27495926	0.24255101	0.29326073	0.44304229	0.26921819	0.72
0.26086454	0.15349513	0.29331867	0.35393042	0.22963534	0.62
0.35620847	0.29396037	0.29536391	0.33456844	0.32610603	0.04
0.25758906	0.25294378	0.29674477	0.447411	0.26854368	0.74
0.31517729	0.29850208	0.29683292	0.49484567	0.29357776	0.75
0.32986008	0.33357636	0.29807858	0.41464787	0.33224638	0.32
0.37163043	0.40060408	0.30046474	0.3684546	0.34876442	0.08
0.38810535	0.4413652	0.30159726	0.3787544	0.37034577	0.03
0.29241453	0.25461145	0.30325993	0.47627392	0.27930316	0.77
0.28926909	0.2580726	0.30443305	0.4645621	0.28437929	0.71
0.30990064	0.27756764	0.30765712	0.67953422	0.2990759	1.18
0.33194647	0.30126715	0.30796637	0.41906586	0.30328816	0.47
0.32759571	0.30122059	0.31113356	0.35320842	0.30963862	0.19
0.47965475	0.38554176	0.31175399	0.54496637	0.39739554	0.46
0.2951	0.24709389	0.31217188	0.46244602	0.28165688	0.72
0.29347605	0.24782632	0.31219121	0.46491166	0.28056549	0.73

0.28482072	0.14971468	0.3122476	0.39220054	0.24973233	0.65
0.417631	0.42793858	0.31225302	0.50685369	0.39199137	0.37
0.38854415	0.2803029	0.31281332	2.35152613	0.31745501	2.89
0.3307782	0.3025705	0.31289559	0.29401391	0.33045842	-0.17
0.30376978	0.32146839	0.31417062	0.30677466	0.30987481	-0.01
0.29119594	0.25308864	0.31641729	0.66452468	0.27949865	1.25
0.34641822	0.32265142	0.31830346	0.38634466	0.33372738	0.21
0.32344944	0.28466625	0.31874887	0.49653912	0.30610602	0.70
0.43021284	0.33901546	0.31878353	0.36694213	0.35971941	0.03
0.30026196	0.25965018	0.32000011	0.48292795	0.28988744	0.74
0.3906156	0.80337896	0.32010361	0.39358856	0.53016346	-0.43
0.35419358	0.32166296	0.32290077	0.36071319	0.33756504	0.10
0.40279663	0.62220101	0.32323748	1.34693077	0.4290646	1.65
0.32258726	0.32253243	0.32554411	0.35438561	0.32509071	0.12
0.38182843	0.36250981	0.32716271	0.20773566	0.35152228	-0.76
0.6448964	1.46989306	0.32939458	16.501917	0.71672293	4.53
0.31187476	0.2405655	0.32941217	0.47902705	0.2900958	0.72
0.34766794	0.34568395	0.33082998	0.6646621	0.33899423	0.97
0.33877817	0.31880509	0.33107192	0.68259657	0.33288306	1.04
0.33411802	0.24505623	0.3321949	0.46777649	0.29622327	0.66
0.51542373	0.44169906	0.33294044	2.13574112	0.42194192	2.34
0.31584045	0.28002366	0.33298092	0.60291832	0.29798722	1.02
0.26699907	0.29586869	0.33743857	0.29445202	0.33272222	-0.18
0.3362849	0.81982432	0.33768057	0.53497056	0.47466474	0.17
0.34239482	0.30950897	0.33793702	0.46334967	0.33046925	0.49
0.16008942	0.1463927	0.33936344	0.11774269	0.20554292	-0.80
0.35564981	0.30993003	0.33986807	0.46715995	0.33422251	0.48
0.35027098	0.30877593	0.3413245	0.49006195	0.33054411	0.57
0.3079244	0.25110332	0.34184213	0.47707966	0.29482892	0.69
0.35584942	0.33080515	0.34239407	0.31950576	0.33443269	-0.07
0.36369948	0.3338464	0.34530086	0.51190108	0.33746206	0.60
0.33387349	0.27143874	0.34602773	0.30919329	0.30726428	0.01
0.29877564	0.39229774	0.34789588	0.40617342	0.35369115	0.20
0.25131618	0.15033912	0.3490282	0.38487137	0.26258366	0.55
0.31708663	0.27789763	0.3493729	0.58645649	0.31116699	0.91
0.31361015	0.27630133	0.34966293	0.44402314	0.31763337	0.48
0.48032383	0.24837422	0.35233355	0.36120047	0.34235992	0.08
0.37860496	0.33848664	0.35592773	0.35555435	0.35094081	0.02
0.36289854	0.29721029	0.35967798	0.46525757	0.33953318	0.45
0.54110566	0.56758136	0.36090444	0.68877383	0.4991703	0.46
0.35568603	0.30730027	0.36284961	0.56532389	0.33874993	0.74
0.37104345	0.32750025	0.3643445	0.5629605	0.34591144	0.70

2.32509643	0.27544064	0.36732042	0.34460806	10.5827437	-4.94
0.30166141	0.50032809	0.3676811	0.44936072	0.42549605	0.08
0.31090735	0.2457855	0.36812691	0.45731055	0.30108728	0.60
0.36786196	0.30668216	0.36814168	0.44505012	0.34429161	0.37
0.30332713	0.39824227	0.36950472	0.41898883	0.37271512	0.17
0.42480594	0.45719873	0.37208085	0.35943366	0.4112034	-0.19
0.3603243	0.28129538	0.37263753	0.60416516	0.33298916	0.86
0.33138261	0.2992075	0.3732793	0.19125254	0.33045186	-0.79
0.23605556	0.00321175	0.37378975	0.02398532	0.15424834	-2.69
0.36422659	0.53964973	0.37601949	0.60991417	0.41430647	0.56
0.41806356	0.39944172	0.378865	0.31879676	0.39109261	-0.29
0.52983433	0.62715834	0.3790805	0.3661761	0.58371819	-0.67
0.27393802	0.42610291	0.38014452	0.39599962	0.34846157	0.18
0.32162605	0.35658963	0.38422809	0.41745874	0.36095965	0.21
0.47970958	0.39982685	0.38500925	1.14909159	0.44106116	1.38
0.29113261	0.25592297	0.38512794	0.34331416	0.31100329	0.14
0.51278769	0.41129616	0.38719524	0.44327714	0.43487047	0.03
0.76723237	0.44650994	0.38797225	8.4384441	0.50529717	4.06
0.37222202	0.30262209	0.38805714	0.42416027	0.34739287	0.29
0.37046736	0.30307478	0.39042907	0.55443387	0.34919007	0.67
0.64634473	0.58980703	0.39161829	0.80597333	0.52124119	0.63
0.33515555	0.72419575	0.39171013	0.55075704	0.48539915	0.18
0.51821314	0.48817563	0.39411811	1.41413174	0.4541459	1.64
0.36577304	0.3218307	0.39534449	0.50860723	0.35152588	0.53
0.35739795	0.38542051	0.3975131	0.60089554	0.34779605	0.79
0.35452851	0.41103791	0.39884593	0.45074663	0.39227782	0.20
0.40199989	0.3287414	0.39932969	0.26780644	0.36617763	-0.45
0.33734121	0.38242539	0.40046763	0.3801658	0.38251444	-0.01
0.50629609	0.42752673	0.40064079	0.69729895	0.44245973	0.66
0.40024083	0.34254166	0.40204281	0.17220034	0.38321573	-1.15
0.60550338	0.35833246	0.40445121	0.40870337	0.46302862	-0.18
0.46232687	0.46664916	0.40689309	0.4870208	0.48652196	0.00
0.3808693	0.3306502	0.40840996	0.45546235	0.37235789	0.29
0.37818557	0.41574163	0.41771797	0.7580378	0.38886666	0.96
0.3845377	0.44485062	0.42022487	0.48946415	0.42878721	0.19
0.41840368	0.42644879	0.42172704	1.03836812	0.42379792	1.29
0.62313028	3.69025605	0.42461208	13.1470048	1.5976927	3.04
0.4249904	0.36209673	0.42673922	0.62000876	0.40211219	0.62
0.41996708	0.44001899	0.42718772	0.47179725	0.43889473	0.10
0.65579028	0.78893708	0.42832562	1.07532323	0.57410892	0.91
0.41101794	0.39411569	0.43183968	0.43949868	0.41750405	0.07
0.41739395	0.489698	0.43806024	0.35125596	0.44261979	-0.33

0.45309698	32.1175034	0.43844322	1.89951564	18.0930402	-3.25
0.42766463	0.60182208	0.44076943	0.64746463	0.50255819	0.37
0.4305277	0.39903699	0.44146098	0.75284746	0.42700044	0.82
0.42964694	0.39173879	0.44196651	0.4004274	0.41634999	-0.06
0.48940351	0.46564738	0.44211289	0.50155247	0.43535825	0.20
2.57107603	0.59688171	0.44393601	1.80320042	1.2897584	0.48
0.43774787	0.45865199	0.44429644	0.49416784	0.45365595	0.12
0.51898406	0.48492809	0.44718268	1.16917616	0.4764866	1.29
0.53579816	0.43668476	0.44798047	0.51829775	0.46723147	0.15
0.38878362	0.34124135	0.4490339	0.37052453	0.40365457	-0.12
0.77053261	0.6283145	0.45153902	0.38621455	0.55395003	-0.52
0.42879363	0.49792773	0.45164227	0.29173079	0.44688167	-0.62
0.50357859	0.39619073	0.45461791	1.67172971	0.43631554	1.94
0.49822458	0.35025401	0.45736024	0.51105657	0.4273831	0.26
0.4019488	0.33020377	0.45809058	11.9160813	0.41952904	4.83
0.37221439	0.33844077	0.45811338	0.49929564	0.4017572	0.31
0.47623722	0.43976128	0.45874315	0.67763242	0.45521956	0.57
0.4277691	0.37429196	0.45912874	0.5600836	0.4226715	0.41
0.44713772	0.40828086	0.46331407	0.67481904	0.43246527	0.64
0.62854502	0.45363007	0.46519878	0.49483376	0.49104582	0.01
0.42552019	0.39406764	0.46536747	0.57589246	0.43244221	0.41
0.47283397	0.55755042	0.46578666	1.28032366	0.51413081	1.32
0.43994095	0.41334551	0.46604338	0.6909425	0.44962144	0.62
0.36080116	0.33747222	0.46677719	0.34753179	0.41135904	-0.24
0.42557176	0.70081393	0.47066508	0.55975107	0.54132908	0.05
0.54821031	0.45551471	0.47195296	0.86303878	0.48854524	0.82
0.44257022	0.36048515	0.47358559	0.60470271	0.42365788	0.51
0.53719467	0.46077459	0.47373727	0.50594119	0.48519034	0.06
0.73878792	32.1175034	0.47461775	0.98974867	8.47225933	-3.10
0.86003395	0.23292551	0.47592454	6.90414748	10.2330003	-0.57
0.70279857	0.44492501	0.48243923	0.86240019	0.52755875	0.71
0.47357068	0.50413896	0.48262451	0.48574149	0.47416171	0.03
0.38967041	0.43561502	0.48268572	0.38945699	0.44155709	-0.18
0.4588168	0.48869986	0.48305712	0.28836472	0.47468774	-0.72
0.44036758	0.3714733	0.48368568	0.75828353	0.42198323	0.85
29.075367	0.79070319	0.48424091	5.75598284	7.7414699	-0.43
0.48157376	0.49766389	0.48545997	0.609393	0.50942984	0.26
0.58078959	0.48737279	0.48817172	0.81822363	0.50065142	0.71
0.58888456	0.6550691	0.49003718	7.35567058	0.77208978	3.25
0.54826612	0.41505166	0.49415763	0.8523123	0.48789355	0.80
0.50788607	0.41701873	0.49518606	1.00546224	0.47721223	1.08
0.54094318	0.48511435	0.49700997	0.44547827	0.49493782	-0.15

0.4549953	0.47284121	0.49707627	0.73143433	0.44150649	0.73
0.74987382	2.11855176	0.49775168	0.48052568	0.95308136	-0.99
0.50002565	0.44006903	0.50077822	0.62581702	0.47846245	0.39
0.4958164	0.50459185	0.5031209	0.55422863	0.48986	0.18
0.51423841	0.52473976	0.50359232	0.53596677	0.5044143	0.09
0.48811584	0.42757734	0.50414917	0.69524934	0.47008268	0.56
1.03996277	0.52735649	0.50523972	0.562586	0.6160523	-0.13
0.70971341	0.9948364	0.5071327	2.77230435	0.69193915	2.00
0.51005117	0.43525761	0.51258903	0.40857913	0.47802468	-0.23
0.66360914	0.42864716	0.51282547	0.52542485	0.56641942	-0.11
1.35065491	0.48012057	0.51321201	0.49433323	0.80143935	-0.70
0.52578047	0.63686786	0.51337064	1.27291338	0.53799801	1.24
0.44859599	0.63085151	0.51398414	1.61235327	0.59303378	1.44
0.37189974	0.52043266	0.51445747	0.4351731	0.43037818	0.02
29.075367	32.1175034	0.51636519	3.0719068	16.3984865	-2.42
0.75840065	0.67472008	0.52056132	5.74989959	0.69220615	3.05
0.64359643	0.52069236	0.52294953	0.92525142	0.5470781	0.76
0.74572024	3.24287281	0.52457822	0.73047566	1.52836808	-1.07
0.68887252	0.58987334	0.52913586	1.52390377	0.56040113	1.44
0.49745605	0.60721604	0.53077705	0.62420884	0.52052265	0.26
0.48443159	32.1175034	0.5370195	0.8964824	8.71671969	-3.28
0.52084003	0.47931586	0.53976917	0.71807772	0.51012883	0.49
0.53161315	0.49347199	0.54429341	0.56931324	0.50469902	0.17
0.58256913	0.483968	0.54782746	0.34887635	0.52574028	-0.59
0.68226455	0.54926786	0.55152088	22.8938527	0.57242279	5.32
0.54777865	0.54711498	0.55213575	0.97748325	0.55811827	0.81
0.51973664	0.51757404	0.55333279	0.79397348	0.53798897	0.56
0.47333814	0.52695677	0.55630714	0.88415613	0.50342144	0.81
0.80066267	1.01352408	0.55910411	1.90427581	0.7557428	1.33
0.52332775	0.522729	0.55990633	0.37045105	0.52143939	-0.49
0.5465169	0.47507021	0.56642606	0.44615182	0.52927601	-0.25
0.55673282	0.48798787	0.56777238	0.59668386	0.54141686	0.14
0.57549426	0.49601919	0.56987895	0.39904534	0.53505973	-0.42
0.65620052	0.70817194	0.57124125	0.89653114	0.65979661	0.44
0.591398	0.64456934	0.57654553	0.59801814	0.59612913	0.00
0.52626738	0.66981375	0.57834692	1.13329714	0.67934025	0.74
2.25696796	1.4973585	0.57879811	2.10803945	10.9240604	-2.37
0.63207866	0.48580731	0.57900458	0.48137932	0.55915644	-0.22
0.79249124	1.52449039	0.58076111	1.98594062	0.97722658	1.02
0.60151985	0.51920671	0.58238856	0.31640668	0.58094789	-0.88
0.44054796	0.480566	0.58384774	0.70667708	0.47871411	0.56
0.72681846	0.76809967	0.58589273	0.389358	0.65438589	-0.75

0.72483345	0.56379496	0.58767956	5.74948359	0.63884942	3.17
1.05244874	0.69664639	0.59110679	2.21904012	0.75024398	1.56
0.32197495	0.28717112	0.59218857	7.3344781	0.44064098	4.06
0.58038281	0.45591749	0.59359622	0.45948272	0.54275135	-0.24
0.4514994	0.3458095	0.59433636	0.30050114	0.4198032	-0.48
0.51110756	0.49051306	0.59528385	0.62391759	0.51303983	0.28
1.96075594	0.5917656	0.59619826	1.30171905	0.92935972	0.49
0.85009989	0.714488	0.59799105	0.6679812	0.70101864	-0.07
1.05995164	32.1175034	0.59887004	12.50935	8.60470385	0.54
0.55904821	0.48840195	0.60169689	0.76210682	0.53640219	0.51
0.415856	0.22942131	0.60349084	12.6650161	0.37562053	5.08
0.79953564	0.55194022	0.6074471	1.31217947	0.62885722	1.06
0.60422982	0.61277041	0.60749196	0.40361649	0.60519741	-0.58
0.62313541	0.5431569	0.60842058	0.70242058	0.58052893	0.27
2.04486085	1.25454212	0.60859489	13.0528712	1.20649486	3.44
0.62145812	0.57512295	0.61085492	0.74968789	0.59540916	0.33
0.77864435	0.59911365	0.61204505	0.6793957	0.64669704	0.07
0.76032411	0.59436235	0.61711906	2.33412612	0.63374411	1.88
0.59152437	0.54031712	0.61801403	0.69583354	0.57076074	0.29
0.60957101	0.51384614	0.61816252	0.73479275	0.56885767	0.37
0.58770866	0.50581045	0.62026528	0.69530209	0.5637098	0.30
0.61362248	0.52133298	0.62195755	0.6474397	0.64754106	0.00
0.63043422	0.58817171	0.6224519	0.56122727	0.6218119	-0.15
0.62150706	0.4459848	0.62447644	2.13640748	0.53715909	1.99
1.25430846	0.85509481	0.62890984	1.07899319	0.95494918	0.18
0.63087074	0.80272823	0.63428191	0.62556221	0.63254502	-0.02
29.075367	0.49615595	0.63494421	0.91355485	17.3923961	-4.25
2.09919499	0.94483857	0.63803729	0.9467629	1.12247554	-0.25
0.46146933	0.59854842	0.64319801	0.5345592	0.51480589	0.05
0.92569654	0.58221088	0.64322573	1.48793084	0.75959808	0.97
3.14192068	6.01139484	0.64978884	1.19926577	2.79325109	-1.22
0.62922783	32.1175034	0.6505075	0.33261182	8.51188096	-4.68
0.62323475	0.65693544	0.65972252	1.00277747	0.64897623	0.63
0.86667851	0.27188266	0.6649735	0.90848561	0.55149157	0.72
0.69002075	0.63930005	0.66569191	0.89826542	0.66396428	0.44
0.86073312	0.59507927	0.66701688	0.89170225	0.70309188	0.34
0.82411399	0.75806379	0.6686793	11.9571373	0.72034637	4.05
0.65677076	0.55951076	0.66928908	0.56840465	0.61511353	-0.11
0.75406878	1.19942294	0.67347267	2.1849234	0.84656647	1.37
0.55935042	0.59530379	0.67352308	0.52492907	0.61105768	-0.22
0.54968765	0.63044107	0.67671578	0.53585198	0.6090857	-0.18
0.71868148	0.81172324	0.68015418	0.62057733	0.71770597	-0.21

0.67611501	0.61730735	0.68129241	0.71944175	0.65647983	0.13
1.05890419	1.13259251	0.69060991	0.68560242	0.86688393	-0.34
1.03927801	1.03935972	0.69171035	0.77484443	0.8759985	-0.18
0.75697042	0.51405515	0.6923145	2.72795203	0.62377111	2.13
0.72058455	0.6368483	0.69231707	0.61938256	0.66582354	-0.10
0.78891739	1.07124793	0.70237441	0.77189959	0.82118236	-0.09
0.58973991	0.6876634	0.70417883	0.91371689	0.6225681	0.55
0.84917868	0.86666002	0.7133931	0.89491465	0.81330546	0.14
6.38376354	6.08796035	0.71393095	7.13510868	4.85123743	0.56
0.81055645	0.4465011	0.71557686	1.62486765	0.64737406	1.33
0.69973139	32.1175034	0.72066523	16.7686008	18.2252543	-0.12
0.84498566	0.82944555	0.72173513	11.614689	1.0902993	3.41
0.84747054	0.93179869	0.72265994	0.9655149	0.81491402	0.24
0.64157176	1.09543072	0.72780666	0.72983247	0.83720229	-0.20
0.73205871	0.68265569	0.73115667	0.97417034	0.74524178	0.39
1.15561472	1.35032613	0.73145522	0.84357527	1.06159491	-0.33
0.65059134	0.85867357	0.73180212	1.07249016	0.71572281	0.58
0.11936154	0.72495016	0.73793531	6.36331619	0.90004185	2.82
0.3566845	0.26223898	0.73985172	0.50883558	0.43621217	0.22
0.83514179	0.56316062	0.74735627	1.09981219	0.68107788	0.69
1.0871716	1.89393176	0.75010916	0.86169426	1.19085189	-0.47
0.63352366	0.77111025	0.75534263	0.61830119	0.81942578	-0.41
0.75561665	0.64914518	0.77491558	0.44940334	0.72495413	-0.69
2.16037319	32.1175034	0.77636325	1.32577903	18.6043393	-3.81
0.76383189	0.74900591	0.77741088	0.55140926	0.73786955	-0.42
0.55667265	0.78941996	0.77813596	0.32257508	0.77765286	-1.27
0.97342299	0.9830417	0.77864683	0.85391303	0.76806041	0.15
0.98663489	1.4980057	0.78291957	0.63905888	1.04811409	-0.71
0.86755841	0.84529906	0.78758142	1.02064439	0.84016978	0.28
0.9370819	0.91155541	0.798358	2.45885856	0.82639136	1.57
0.86067149	0.93708912	0.80008337	0.99222914	0.88243139	0.17
0.76895479	0.67339451	0.80241372	0.62046084	0.73975181	-0.25
1.5806237	1.08795625	0.8035952	0.9796348	1.12566971	-0.20
9.21649336	1.56725901	0.80797339	0.65703309	3.34719103	-2.35
1.00727878	1.04647537	0.80836233	0.87839844	0.96172196	-0.13
0.90712279	1.00093239	0.81155408	0.33272919	0.87371885	-1.39
1.06417398	0.97036401	0.81474839	0.6378313	0.96211346	-0.59
0.79653633	0.77631545	0.82015667	0.77481799	0.79485499	-0.04
0.84613875	0.81992279	0.82466076	0.75878677	0.85705438	-0.18
1.75302841	1.78247219	0.82878244	8.17458945	1.21946095	2.74
0.58405309	0.99064259	0.82937269	1.35826639	0.79391819	0.77
0.699011	0.35765114	0.83418634	0.91282378	2.62384347	-1.52

0.90654694	0.78353762	0.83797379	1.20202041	0.85048632	0.50
4.03329046	0.99654378	0.85120422	1.05430468	1.70734791	-0.70
0.72781107	0.73400582	0.85767719	0.63365827	0.92235408	-0.54
1.06327232	0.97481266	0.86114067	0.79533368	0.9561893	-0.27
0.84531057	0.87397553	0.86420371	3.61542229	0.79218472	2.19
0.33737241	1.40325016	0.86792321	0.88406385	0.97675513	-0.14
0.84605757	0.73282711	0.87269117	0.80628192	0.81486568	-0.02
1.13248893	1.00919167	0.87370239	0.61625415	1.15257334	-0.90
0.85440515	0.73374439	0.87685441	0.67946563	0.81203406	-0.26
0.98973625	0.84262448	0.8854061	1.18561637	0.95223525	0.32
0.96523971	0.9236189	0.88858493	0.70219577	0.91913633	-0.39
0.78071608	0.56681765	0.88925314	0.77488967	0.73339445	0.08
1.21893128	0.97208019	0.89114455	1.10913446	1.01932065	0.12
0.95148391	0.80895577	0.89497579	0.99603841	0.86997451	0.20
0.86860786	0.70414567	0.89530588	0.82872638	0.83981382	-0.02
0.71833661	0.88531424	0.89821538	1.29732993	0.89187701	0.54
0.95860554	1.36851003	0.89969715	0.67297187	1.08387374	-0.69
3.00410123	6.28180124	0.90011209	1.37486232	3.18206581	-1.21
1.00943889	1.2793813	0.90392959	0.67599926	1.105788	-0.71
0.78049619	2.6579331	0.90838633	1.16407648	1.48923285	-0.36
0.85742616	0.72061186	0.91772857	0.78525965	0.82004306	-0.06
0.60739127	0.74101564	0.91919966	0.51548836	0.75248042	-0.55
0.58458131	0.78744527	0.92244935	0.63695646	0.77259298	-0.28
0.99047348	0.99432634	0.92326026	1.59765054	1.08135024	0.56
0.93947015	0.76739036	0.92432189	0.81706229	0.87296894	-0.10
0.83958555	0.88884109	0.9287	0.98874487	0.86892089	0.19
1.54123685	3.12839178	0.93097538	1.43712073	1.63503894	-0.19
0.84079492	0.67853577	0.9313856	0.78318205	0.83625551	-0.09
1.00725937	0.9713803	0.93240186	1.01625227	0.93388154	0.12
0.93497974	1.0656885	0.93343468	1.59837093	0.92239498	0.79
0.81973934	0.81680462	0.93837001	0.67034278	0.87378762	-0.38
0.77849122	0.91178782	0.94045022	0.58017413	0.88226955	-0.60
0.90568839	0.86106314	0.94248714	16.7603088	0.98331388	4.09
1.9789799	0.43834929	0.9503193	6.33317018	0.98017446	2.69
0.86589096	0.72792331	0.95295292	0.78496057	0.88050838	-0.17
0.19392855	1.32935647	0.95441905	2.26723499	3.00406828	-0.41
1.2312915	0.96023288	0.95462234	2.41075249	1.18682484	1.02
1.14319987	1.04222551	0.95607779	0.45409808	1.08367028	-1.25
0.82353141	0.86912594	0.95893075	1.23249588	0.88469089	0.48
1.14584724	0.8040522	0.95981111	0.89351903	0.94876807	-0.09
0.9977133	1.14591434	0.96124686	0.88664784	1.00701597	-0.18
0.8150506	0.89716063	0.96182237	0.95391624	0.8679831	0.14

1.47165859	1.04574141	0.96469172	1.051854	1.1518881	-0.13
1.51576759	1.08209787	0.96772645	0.83774233	1.17106244	-0.48
0.94574454	1.0749519	0.9727597	1.24387042	1.02057717	0.29
1.2351018	0.97517256	0.9752579	0.84223485	1.05503727	-0.32
0.93433498	0.79598741	0.98198076	1.10612387	0.89585367	0.30
1.5609702	1.15723283	0.98241754	0.84799559	1.22466188	-0.53
1.1358117	0.94312033	0.98528185	2.25552637	0.99094112	1.19
0.9596064	0.82680994	0.98712004	1.02213168	0.91699945	0.16
1.71120769	1.08175221	0.98716018	3.21876473	1.15000871	1.48
0.96844109	1.48413017	0.99344393	1.44344384	1.12385162	0.36
1.12436263	0.77960071	0.99499979	0.7320905	0.93511072	-0.35
1.14581383	1.00502007	0.99886811	2.57813161	1.02695594	1.33
0.92459156	0.82254622	0.99917867	1.14123121	0.89589064	0.35
1.74713237	1.0242041	1.00082201	1.69006938	1.1691234	0.53
1.05779603	1.11100497	1.00146001	0.39227455	0.99980084	-1.35
0.9185923	0.90160438	1.00685795	1.87526789	0.95866111	0.97
0.84011086	1.10795127	1.01520345	2.05524703	0.98624318	1.06
0.71700883	1.20077761	1.01558395	0.7796838	0.99968688	-0.36
0.96450927	0.7831196	1.02031376	0.98350249	0.91279186	0.11
0.99798144	0.94334959	1.02343772	0.56887805	0.98046275	-0.79
0.87770202	1.17280387	1.0264626	0.90244073	1.29496883	-0.52
14.9794539	2.09605444	1.03081124	12.3462873	14.3673592	-0.22
1.0560273	0.94336414	1.03444507	1.41118214	0.9998946	0.50
29.075367	0.12759965	1.03471697	7.28220697	7.66639752	-0.07
2.86459367	1.35737493	1.0369239	1.37830586	1.70776718	-0.31
1.04376413	1.10471158	1.03713042	1.87422932	1.03722511	0.85
2.24055993	0.88636575	1.04506778	1.34010941	1.24386534	0.11
0.58870134	1.05866405	1.05081369	1.18414061	0.89251786	0.41
1.05919923	0.79637074	1.05816561	0.89286	0.98206246	-0.14
0.37178633	0.50220404	1.05934212	0.54484962	0.65984668	-0.28
1.14492964	1.01649209	1.05943937	1.53954725	1.10125725	0.48
1.2964529	0.93038054	1.06662476	0.70171348	1.1163547	-0.67
0.60466453	0.75974306	1.06740182	1.02013846	1.09396382	-0.10
0.97770599	1.05208718	1.0694644	4.90994917	1.02533271	2.26
29.075367	1.20004893	1.07360884	0.79479234	17.6780355	-4.48
1.15468735	1.51439256	1.08013636	1.23761864	1.234629	0.00
1.01345286	0.9570451	1.08137569	0.97620896	1.01205608	-0.05
1.04734393	0.89244964	1.08187812	0.69942967	1.0238354	-0.55
1.09577656	0.74178375	1.08188317	0.90426876	0.87179481	0.05
0.52515676	0.71916208	1.08235347	0.87929097	0.72036621	0.29
1.18647002	0.77799388	1.08870129	18.5680873	10.6040706	0.81
0.96306282	0.87109895	1.09006975	1.60188497	0.94878407	0.76

2.2016087	3.84506406	1.10010081	1.37951826	2.11188932	-0.61
29.075367	0.81474914	1.1178758	5.80227731	17.5927773	-1.60
1.12529542	1.06354879	1.11880019	0.75835248	1.11805533	-0.56
1.28514178	1.2948021	1.12214143	0.88994984	1.369988	-0.62
1.19181162	1.74701226	1.12850464	1.13735183	1.44706933	-0.35
0.87060534	0.89885996	1.13506833	1.23277883	0.99452747	0.31
1.30532738	1.33443808	1.13573977	0.73986543	1.10680029	-0.58
1.3787445	1.70968453	1.13761206	1.86021831	1.36747816	0.44
0.94803033	1.13353345	1.14415754	0.60245501	1.05993105	-0.82
1.44599676	1.28900835	1.15393515	3.35335492	1.27327375	1.40
1.4139316	1.13559422	1.15778303	1.15687794	1.26744553	-0.13
1.05108928	1.33372195	1.16243271	0.73341044	1.16491685	-0.67
1.23175041	1.2097648	1.16302751	0.93686656	1.20541715	-0.36
0.75688911	1.23990728	1.18504891	1.16583657	1.10383492	0.08
1.27784781	0.9132843	1.19072256	0.75806022	1.28743242	-0.76
0.74841308	1.07846006	1.19678821	0.57961485	0.92795245	-0.68
1.24785189	0.93271751	1.2103441	2.00454425	1.09793669	0.87
1.72725039	0.90810897	1.21041544	1.54258215	1.33642422	0.21
1.19094456	0.94651294	1.21154759	2.89575463	1.17401076	1.30
1.00202265	0.9509668	1.21361737	0.59637077	0.99885119	-0.74
1.23427175	0.8315047	1.22452341	1.66605543	1.05682581	0.66
1.17463525	1.1402392	1.22704777	2.0106944	1.14627055	0.81
1.37664366	1.02281926	1.2376978	1.17203007	1.16124481	0.01
1.70748654	6.11428101	1.24598694	0.77078156	2.71191185	-1.81
29.075367	1.96233034	1.24719184	9.10429155	8.304732	0.13
0.95873746	1.31884882	1.24844509	1.04400713	1.26172513	-0.27
6.88483569	1.0107145	1.2485171	1.21853648	2.46393147	-1.02
1.20361714	1.30442608	1.24929225	4.67923752	1.47602444	1.66
3.27742675	3.04597692	1.25849237	2.03307602	2.29985014	-0.18
1.60202852	1.71425861	1.2652514	0.76567975	1.44175348	-0.91
1.74594476	2.40581228	1.27404089	0.91170972	2.09424567	-1.20
6.02660471	11.3216724	1.27445541	7.7289069	5.63705407	0.46
1.26966945	1.18840224	1.27592982	0.88362983	1.26828413	-0.52
1.24283693	1.05046909	1.28034815	0.80681316	1.16728027	-0.53
3.09278036	1.35696235	1.28060408	2.12635598	1.83697597	0.21
1.2147002	0.95507668	1.28827244	0.98619346	1.14785459	-0.22
1.11184331	0.97073639	1.28896532	1.25811679	1.17029308	0.10
0.89026452	1.06391719	1.29740775	0.87182739	1.19881359	-0.46
29.075367	2.9315596	1.31676019	2.25484295	8.79325407	-1.96
1.87561206	1.1129959	1.32455676	2.97762516	1.17864574	1.34
1.04266497	2.84097551	1.3355983	1.42256784	1.73232983	-0.28
1.21850939	1.87546392	1.33597607	3.00341434	1.33831878	1.17

0.76363072	0.62006628	1.33768786	0.8407399	0.9203707	-0.13
1.54264975	1.12654783	1.33782137	1.27493508	1.35145475	-0.08
1.47573107	1.22157467	1.35016341	0.9209034	1.31125993	-0.51
1.23343588	1.78495518	1.35298948	1.47751769	1.41653014	0.06
1.18627509	1.01557489	1.35309989	0.84587028	1.1959211	-0.50
2.10902846	1.6860922	1.36155027	5.32942552	11.129947	-1.06
1.35796191	1.27866242	1.36259675	1.10712694	1.28442526	-0.21
2.03746429	2.31442799	1.36849024	0.73144431	1.77578933	-1.28
3.28781549	1.82755228	1.37173148	1.44923855	1.9573895	-0.43
0.50876412	0.48332371	1.37199196	12.9201212	0.73825734	4.13
1.65368853	1.55175076	1.37233778	1.39500357	1.51905143	-0.12
1.67799264	1.95936493	1.37714134	0.96388269	1.71269102	-0.83
1.32563638	1.19375178	1.38644401	1.0723142	1.18912787	-0.15
0.94998422	1.48669739	1.38693865	2.72465325	1.33773501	1.03
1.39604954	1.17051545	1.38845444	0.90248251	1.37055437	-0.60
0.7739796	0.70715228	1.39388524	1.81834955	0.98255819	0.89
1.48511298	0.84820896	1.39404317	1.17002111	1.22991978	-0.07
1.29755538	0.99168048	1.3964788	1.62621778	1.17542691	0.47
0.85812429	0.79925575	1.41400349	0.78709649	1.04182194	-0.40
1.87377269	2.05712096	1.41723935	12.123488	1.65798861	2.87
2.48335742	2.76965869	1.42161233	0.81426672	2.03263756	-1.32
1.91274985	1.17085605	1.42648773	1.16044918	2.14093412	-0.88
1.06655516	2.76301696	1.4282938	7.79941702	11.1552458	-0.52
1.4929769	1.3153552	1.43271958	4.39316597	1.28467588	1.77
3.97861416	1.07726145	1.43359117	1.23594256	1.84146177	-0.58
1.04531609	5.88183085	1.43509992	4.47908009	2.22097151	1.01
1.46165986	1.11510575	1.44235368	1.16497641	1.31979597	-0.18
2.08470855	1.49620637	1.44463138	2.37305908	1.5343683	0.63
0.69612489	0.81921961	1.44790797	1.52865053	1.01318392	0.59
1.60626778	1.26613728	1.45107364	1.16031613	1.40778996	-0.28
1.4705532	1.64358271	1.45615018	0.91584441	1.518904	-0.73
1.26682867	1.33638505	1.45620547	0.84027026	1.33393163	-0.67
1.7281237	2.27039314	1.46113599	1.97388517	1.85091374	0.09
1.18484167	1.11067264	1.46857995	1.30087777	1.26108011	0.04
1.96206362	1.07254946	1.46967005	1.52396084	1.50107061	0.02
1.63243885	1.20104309	1.48412028	1.64598059	1.41440452	0.22
3.66396052	0.78080599	1.49334962	10.7290049	1.70446356	2.65
1.14194398	0.79159313	1.50239305	0.55509453	2.17310942	-1.97
1.94286861	1.20477669	1.5056165	3.87034133	1.57185632	1.30
4.52418434	1.62914175	1.50596646	1.3998989	11.7556024	-3.07
0.72463574	0.62464235	1.5358908	0.71030089	0.90209944	-0.34
0.82461767	1.01959166	1.53596165	0.9292242	1.3632492	-0.55

1.71051379	1.54522742	1.53847194	2.59989144	1.64353332	0.66
0.88218162	0.99909714	1.53894936	1.37602975	1.15554022	0.25
1.68799886	1.3474886	1.54875546	0.92327964	1.54785803	-0.75
1.59900904	1.3501883	1.55565528	0.94211848	1.48214183	-0.65
0.54271984	32.1175034	1.55639558	2.70041472	8.83292426	-1.71
1.62849753	2.46372098	1.56052836	7.22512623	1.70629502	2.08
1.63530167	1.28262268	1.57019473	1.45476556	1.47881527	-0.02
3.04419017	0.75514777	1.59229916	0.87554114	1.48627928	-0.76
1.53542442	1.3718145	1.59612005	0.90700638	1.73357203	-0.93
1.34578857	0.95776168	1.60157336	3.11637195	1.17499301	1.41
1.95920995	1.78643459	1.61082654	0.9325457	1.7311086	-0.89
1.51085425	32.1175034	1.62340001	10.8789632	9.23579428	0.24
1.399319	1.27681906	1.62523058	1.70131708	1.38744984	0.29
3.09893773	1.84882962	1.63699819	4.61639791	1.84262699	1.33
1.33768452	1.30136481	1.63735609	0.92537626	1.41131729	-0.61
2.01903709	2.22946367	1.65034987	1.34998648	3.07183674	-1.19
0.38717457	3.80290665	1.65287026	0.30982628	1.53856838	-2.31
1.48433256	2.06511238	1.66412932	2.13764999	1.94135198	0.14
1.43225594	3.57144092	1.6669654	1.35330777	2.13217003	-0.66
2.14771988	3.06214049	1.6684283	2.67050266	2.11966597	0.33
1.36355265	1.29227806	1.66875839	1.83624579	1.40589458	0.39
2.5921416	1.71388722	1.67147313	2.75277524	2.04488345	0.43
2.93651928	2.61684681	1.68708149	1.44594462	2.28608448	-0.66
1.24520161	2.07466056	1.69942916	1.41429407	1.60372572	-0.18
3.43869863	2.53254838	1.7104409	2.53071119	2.57471847	-0.02
5.01849048	4.88501868	1.71473227	3.74803428	3.59038438	0.06
3.07082693	2.08932771	1.7246789	1.99628542	1.90654906	0.07
6.6706502	9.85723566	1.74001876	1.75798361	5.14729482	-1.55
1.35894862	1.27020742	1.74272174	2.46453999	1.37458901	0.84
1.61228887	1.69498919	1.74460545	1.14966921	1.56039483	-0.44
1.76163295	1.59324382	1.7462819	2.46524922	1.63512549	0.59
4.75198199	3.18759306	1.75968954	7.73872492	2.92512903	1.40
1.18630226	2.02451188	1.76269017	2.29330374	1.63086723	0.49
1.47139559	2.55348711	1.7695741	1.21446563	1.93310597	-0.67
1.67038673	1.5616616	1.77215094	1.88073248	1.6958636	0.15
1.85189038	1.59354889	1.77222874	1.38432898	1.76581113	-0.35
0.81864635	1.11625436	1.77552552	1.63195607	1.38025105	0.24
1.55089882	1.30801128	1.78392798	0.85181225	1.48460522	-0.80
1.14655855	15.4629832	1.7898506	2.79059341	5.15900958	-0.89
1.71337966	1.5593535	1.79146597	1.59156369	1.67972588	-0.08
1.88882465	1.58284536	1.79478808	2.8836359	1.75511058	0.72
0.61094599	0.75245542	1.79890662	7.81540416	1.57383782	2.31

1.74821198	1.07624232	1.7994837	8.68472598	1.35059871	2.68
1.73037969	1.13210941	1.80288676	0.96323741	1.52524644	-0.66
1.87792322	1.56599247	1.8070255	1.22781195	1.93883866	-0.66
7.10759703	2.98603472	1.82040681	1.93880691	3.51342328	-0.86
1.94291409	1.56371853	1.84418107	0.938255	1.77564403	-0.92
1.88074362	1.61706831	1.84650198	1.14223579	1.6948909	-0.57
2.2953319	2.23176472	1.84838122	1.05616533	2.14844122	-1.02
29.075367	32.1175034	1.8608941	1.92697825	16.0910664	-3.06
2.94122202	0.96492296	1.87246753	4.23389667	2.09464444	1.02
1.19787389	1.23967549	1.8854969	0.9227113	1.59619849	-0.79
1.8945252	1.79892199	1.89332741	2.22772753	1.82452381	0.29
0.75022694	3.88625663	1.8987193	1.24989221	11.47458	-3.20
1.02117259	0.75019143	1.90575454	2.18603949	1.17146477	0.90
2.03327342	1.6570478	1.90993035	2.27584785	1.87463342	0.28
2.19909955	3.41867101	1.92761396	1.97437735	2.70189784	-0.45
1.34885797	2.16266257	1.93271748	0.69909973	1.92922703	-1.46
3.19450266	2.75704234	1.98225317	2.02628083	3.32812061	-0.72
1.15323257	2.777978	1.99471738	6.49478972	1.79870807	1.85
2.27024807	2.9438476	1.99701379	1.72622916	1.91667078	-0.15
29.075367	12.0946885	2.00391543	18.5740456	20.634272	-0.15
8.94666357	2.29674427	2.0151538	3.59184184	4.25386866	-0.24
7.15435826	4.85201801	2.02028297	7.06529173	4.18228046	0.76
2.69140162	1.87678682	2.02430632	1.86004546	2.20976496	-0.25
1.70317768	1.54838487	2.02553978	2.37333734	1.73411423	0.45
2.96221328	2.68135834	2.02812341	2.71777841	3.38241755	-0.32
1.89558831	1.78323318	2.03164219	1.5058488	1.80368771	-0.26
3.03861564	32.1175034	2.04023021	3.68864677	10.3246495	-1.48
3.30290058	32.1175034	2.06068782	12.6423866	11.7515883	0.11
8.84182404	2.00287189	2.07438433	3.96469415	4.30784235	-0.12
0.53948237	1.08330981	2.07554098	1.16564305	1.12548255	0.05
2.02520458	2.68170047	2.07660906	2.93329415	2.26013429	0.38
1.95294803	32.1175034	2.08829837	0.90790842	9.89535389	-3.45
1.72412789	32.1175034	2.09375184	3.34695417	18.8246251	-2.49
0.8501629	2.47347116	2.10180186	1.35072741	1.72250129	-0.35
2.65006907	1.65422436	2.11317862	2.9197713	2.78576409	0.07
3.3257721	2.26337788	2.12360649	2.73614982	2.77141633	-0.02
1.82143223	1.49646932	2.1474953	0.58121307	1.86184201	-1.68
2.49330139	2.22671925	2.15123756	2.23614793	2.38172789	-0.09
1.88958011	1.80331964	2.15415277	1.37859248	1.93892281	-0.49
1.92723615	1.73329967	2.15734426	1.84090813	1.93887334	-0.07
1.98616503	2.3748474	2.16748624	1.46066033	2.23308364	-0.61
2.69548213	2.08020927	2.24400341	1.68035034	2.41995976	-0.53

2.57341049	2.62683667	2.26165574	1.31316811	2.57874964	-0.97
29.075367	2.36767915	2.26891131	1.23560912	9.40462243	-2.93
1.31542663	1.28203383	2.30031974	2.94676437	1.56799479	0.91
1.38086961	1.00090368	2.30627199	1.51749034	1.54951569	-0.03
2.81799466	5.89630336	2.34652404	9.62593595	4.85131078	0.99
2.18448764	2.97700235	2.34708888	3.87672132	2.58335143	0.59
1.60805447	2.2912631	2.38152177	1.77155203	1.93678207	-0.13
2.53913649	2.42029106	2.39150516	1.87829732	2.74138055	-0.55
3.50404872	3.36567438	2.39971608	1.11633318	12.1581391	-3.45
2.33391948	2.90670733	2.41049622	3.10094555	2.92976655	0.08
2.42362206	2.16564314	2.41816433	1.58691865	2.41754587	-0.61
0.90513861	1.9706662	2.42036787	1.26231388	11.1648225	-3.14
1.57441101	2.18966796	2.42852697	0.8101416	1.98220055	-1.29
3.03876205	1.81062772	2.4291764	1.09036116	2.24885081	-1.04
2.22405902	2.14423548	2.46419713	4.80991204	2.35877374	1.03
6.32302885	2.84796183	2.47511236	5.755765	3.78518867	0.60
0.43821984	0.46035041	2.48825679	0.92098737	0.93407291	-0.02
10.1525963	1.02973398	2.49592439	8.50212094	13.2603422	-0.64
3.93134827	7.98220928	2.49709942	1.68320584	4.16765962	-1.31
2.09922909	2.28806567	2.50739899	1.53688361	2.31210366	-0.59
1.07470476	3.11282305	2.51342872	2.71653276	3.24635353	-0.26
5.70859289	3.46259054	2.53470676	2.43077124	3.577667	-0.56
3.09341007	2.2362345	2.53749963	2.32792527	2.42790271	-0.06
29.075367	5.9027901	2.56082295	14.2592336	19.2255243	-0.43
2.39850842	1.95453847	2.57555725	1.9037289	2.20226448	-0.21
2.06769036	2.69493125	2.59118631	3.86012852	2.63043633	0.55
2.06270091	1.22390819	2.59402023	2.38769721	1.86043795	0.36
2.33387401	0.80304686	2.61426164	1.61580978	1.82039942	-0.17
4.14625831	3.90229921	2.63432277	2.8145769	4.00214839	-0.51
24.8518633	8.63184737	2.63437856	11.2267561	9.85428803	0.19
5.30334964	2.49293001	2.6701901	3.64001377	3.19496617	0.19
1.96773977	1.87229176	2.69975686	1.04575732	2.22636529	-1.09
3.01406794	4.56012429	2.74216593	6.39257915	4.00749408	0.67
3.24198372	2.2682195	2.74527632	3.01862065	3.17689416	-0.07
1.61423929	1.58373837	2.75306328	1.37520875	1.96357238	-0.51
3.4408035	2.62405641	2.76579369	1.3496945	2.74884789	-1.03
1.84325852	5.00109797	2.77130543	2.57220215	12.2446948	-2.25
0.87921225	2.76751982	2.78137192	1.16522709	2.0287511	-0.80
2.52455965	3.59774259	2.82115052	3.29279911	2.97286926	0.15
2.24660695	2.09791427	2.83915263	3.20819758	2.69122013	0.25
0.90144698	1.74415421	2.85694848	2.92154619	2.30930859	0.34
4.24041907	3.55434714	2.89995881	6.15091306	3.53566081	0.80

2.84220213	5.77012701	2.90007237	4.05831185	3.46314294	0.23
2.41436021	3.02221384	2.90962485	2.1743778	2.60441645	-0.26
2.72141016	2.98841556	2.92881821	1.83380611	2.67922689	-0.55
2.50008543	9.26949272	2.93016275	4.29811904	4.34661658	-0.02
3.17254812	2.25198656	2.97093063	3.68722519	3.1586451	0.22
2.03872164	2.71847656	2.98492296	2.04225119	2.61815726	-0.36
1.76565926	4.49902643	2.98733525	1.39222446	3.65793983	-1.39
2.60777323	2.80016458	2.99606333	2.82524345	2.99937814	-0.09
5.63162376	4.386423	3.0095544	9.95982607	5.00908711	0.99
2.36207216	2.14946472	3.01002289	3.78766669	2.4963502	0.60
2.7721482	1.79393747	3.01423827	7.38074146	2.56088158	1.53
2.0829733	2.05549529	3.04401709	2.5444336	2.38237954	0.09
29.075367	3.44540119	3.04680384	2.62741115	9.30278773	-1.82
14.2237	25.64526	3.06775626	2.66035641	20.5749583	-2.95
2.38670055	5.81438071	3.10870657	6.050303	3.36019301	0.85
3.15263107	2.68900779	3.10874762	2.59228665	3.08293206	-0.25
0.86414524	1.59694173	3.12111565	0.47904375	1.64712856	-1.78
4.37792713	4.51994587	3.14592389	8.71678655	12.8517285	-0.56
0.94594716	3.18425197	3.14719592	22.8938527	2.71398842	3.08
4.79597038	3.62035523	3.15578461	13.7650898	3.96612847	1.80
2.08174535	2.03834759	3.20480646	8.35560879	11.6720041	-0.48
10.5776388	7.4312213	3.24573922	3.32695715	6.02449755	-0.86
5.84885605	3.0831953	3.2493017	2.55709298	4.19537564	-0.71
7.35064005	3.71443478	3.25908362	2.46694026	6.03423912	-1.29
2.11215831	0.53430207	3.26783918	2.13452194	2.17456839	-0.03
7.88821613	5.94476863	3.29515108	2.77019771	4.92686855	-0.83
2.97960538	2.82774933	3.30732245	1.98366291	3.08228069	-0.64
5.2741211	4.06401727	3.31183713	2.7715743	3.9901858	-0.53
2.29117527	1.40222009	3.40307238	2.31732112	2.69460542	-0.22
2.0412757	1.87564326	3.41748056	1.94888514	2.40241074	-0.30
2.203375	1.27788948	3.42957246	2.21515885	2.55327013	-0.20
1.11256342	0.72700457	3.4435009	2.84608555	1.4969422	0.93
1.20979559	2.975628	3.44770171	4.30680378	2.28232366	0.92
9.34432919	4.74249377	3.46036838	2.86207968	6.06995629	-1.08
2.16746918	9.37018215	3.49101962	2.23910699	6.43680738	-1.52
6.30188814	4.05949358	3.53079027	2.06701273	4.78984683	-1.21
6.62125921	7.93526752	3.55969073	1.58422662	7.52988203	-2.25
1.19016248	0.69759001	3.564855	3.94819759	1.55999387	1.34
9.71473223	4.45450166	3.57329602	5.79301196	5.32176632	0.12
8.23724221	4.94305389	3.61608916	1.50503094	4.55657005	-1.60
29.075367	4.36477397	3.61758169	0.98739756	10.0493049	-3.35
0.89129269	1.25522026	3.64398311	9.99989894	1.86207263	2.43

6.44881333	32.1175034	3.65296679	8.81019735	11.3352122	-0.36
2.76373678	32.1175034	3.7094162	3.87229554	10.2056963	-1.40
6.69415282	6.38733137	3.73675691	12.0517195	4.8606361	1.31
3.44355721	4.74043485	3.75771099	3.59746979	3.97364825	-0.14
2.96194958	1.40620408	3.76093377	1.84551324	2.45420605	-0.41
3.82563724	9.90684158	3.77872035	9.36120595	5.31338755	0.82
3.3445961	1.64860428	3.79724856	2.60674119	6.85827331	-1.40
0.76573954	0.56918164	3.81374191	0.9941574	1.63444641	-0.72
2.35943407	7.91393766	3.83279588	13.1102249	13.3673212	-0.03
9.42699874	3.6336537	3.83519691	13.2202048	5.19533433	1.35
3.9385158	3.5589134	3.83666925	1.70823615	3.38341247	-0.99
7.18824628	25.2094125	3.85124231	1.93793355	14.3265643	-2.89
2.97782827	3.16072994	3.86788267	3.55702696	3.37072249	0.08
3.37293151	1.1993155	3.87050818	0.93166233	2.89485079	-1.64
2.43322442	4.02146198	3.89159038	10.4641464	9.2396566	0.18
0.91173596	1.92176231	3.92395829	1.10201519	2.18029559	-0.98
3.63015485	4.08856264	3.96016878	3.08402304	3.5304116	-0.20
4.40446795	3.52679976	3.97245603	1.74678469	4.09774248	-1.23
3.24105121	6.34871475	3.99571412	4.35644985	6.90196858	-0.66
3.25076808	2.78368676	4.02339089	2.08688311	2.8761652	-0.46
29.075367	2.75747085	4.10957774	4.11815626	10.9105526	-1.41
4.23502256	4.28429736	4.11125237	4.50297824	4.11480511	0.13
6.74076986	8.70601152	4.20109806	4.5986066	5.91663262	-0.36
4.40760376	4.71461192	4.21434446	1.79071148	4.0649142	-1.18
29.075367	32.1175034	4.25096781	13.1301383	20.0735221	-0.61
6.99812907	4.34890997	4.26451252	1.18461422	4.54324522	-1.94
4.04331623	2.67907153	4.29802864	2.28687049	3.45477554	-0.60
7.95949317	4.94619679	4.31206832	8.57372679	5.77306459	0.57
29.075367	3.37543299	4.32786275	7.36784197	19.035445	-1.37
4.18555476	32.1175034	4.33341969	5.13208099	11.1830076	-1.12
2.78350715	2.888989	4.46662433	1.91899924	3.58338185	-0.90
3.86326721	3.73062438	4.52929452	2.16011513	4.15330105	-0.94
1.85589714	3.73728541	4.5472228	2.92612737	5.02698408	-0.78
2.61347225	2.06069651	4.57096262	11.5444095	3.27223178	1.82
3.82603043	8.86647285	4.59095688	4.79696278	5.60103717	-0.22
4.15004074	2.48903147	4.60540677	5.41483579	3.46521352	0.64
6.30524217	1.16874498	4.61335282	4.21924175	3.93720505	0.10
2.17332972	1.04765607	4.65942072	0.82354995	2.38969542	-1.54
4.76606804	12.752765	4.69404896	18.7673832	11.2128117	0.74
3.96790599	5.8627394	4.7545012	3.7062837	4.81504596	-0.38
3.41945871	17.0327534	4.77412067	6.46453621	16.1473625	-1.32
8.17105888	6.75654287	4.84214086	6.11886856	6.82580458	-0.16

4.95814787	3.1971593	4.86407693	5.36986972	4.76669948	0.17
6.78066109	3.00777533	4.90021127	2.34393445	5.04186777	-1.11
2.50142804	2.29755152	4.90700151	1.54591827	6.01938351	-1.96
5.7932012	4.49106885	4.91012861	4.46317455	5.451547	-0.29
3.76649859	2.92275052	4.91520845	4.46981879	4.09598878	0.13
0.98193721	4.73672192	4.92140174	4.18784837	3.3447048	0.32
4.04274419	3.88327637	4.93267984	3.13955228	4.04667338	-0.37
4.14603371	4.32270233	4.99815663	4.71213168	5.67442052	-0.27
10.36903	19.4330413	5.00142047	3.88416029	12.8565293	-1.73
4.28493429	4.68656742	5.04724138	1.75321041	4.90175902	-1.48
14.4569693	3.23812399	5.10499561	2.99728275	7.29056563	-1.28
4.18995471	3.95613846	5.11088363	3.11429625	4.50038284	-0.53
5.9396173	4.93582498	5.1540787	4.0204108	5.53880235	-0.46
8.87050411	8.19618671	5.1958213	8.75108367	7.15674597	0.29
29.075367	2.38572904	5.22048386	20.1302091	15.1494849	0.41
3.87761584	3.26541316	5.24776233	2.41245543	3.67218102	-0.61
3.90394066	4.73123033	5.28180487	3.3786979	4.53355575	-0.42
7.24620757	6.21708878	5.283309	4.40780724	6.68263023	-0.60
3.56993646	3.70235904	5.34961284	4.51969896	5.33845102	-0.24
4.60202747	4.64232199	5.35240323	4.15944725	5.84040505	-0.49
4.35003233	2.22184286	5.36045126	3.21557062	4.34637053	-0.43
3.98454943	2.67465014	5.45065716	2.63858939	5.75972946	-1.13
3.32015321	4.73925989	5.51885151	10.5031671	13.2353454	-0.33
3.55811472	4.64988108	5.5401466	2.62379477	4.39857522	-0.75
5.92545584	4.03093144	5.57256053	6.83806802	4.2740109	0.68
6.24883256	5.63825539	5.59658409	11.8954827	14.2116973	-0.26
6.1889752	4.97009526	5.60484137	7.18805541	5.49366558	0.39
7.95059955	5.46596736	5.65058282	3.39792926	6.77144754	-0.99
4.05032099	32.1175034	5.66062795	4.05291291	11.783376	-1.54
6.24923129	4.7286066	5.70316052	3.12899733	5.36092809	-0.78
29.075367	4.54201391	5.73592011	6.51663238	19.6791045	-1.59
7.05795094	5.23458188	5.75534754	4.2007501	5.93266437	-0.50
3.00431003	1.44943567	5.83122771	2.01722736	3.24596101	-0.69
10.8051694	9.50030175	5.88859556	10.9142983	7.98916306	0.45
5.68544797	6.36595679	5.89178788	4.33870714	5.80298067	-0.42
5.97900609	6.88313455	5.91312436	1.61774358	6.93403431	-2.10
2.17423921	1.48739468	5.91705964	6.17134913	3.7395054	0.72
6.04114384	4.3345563	5.94765724	3.17259993	5.05428118	-0.67
4.21033705	3.98621615	5.94882597	1.34073477	4.83739119	-1.85
3.80708553	4.09342203	6.00566673	3.27256715	5.1674853	-0.66
7.67505715	5.45501603	6.00681163	1.84063808	5.28481563	-1.52
7.10252328	4.90100674	6.08387642	3.65060918	6.4373809	-0.82

5.59654341	7.21199763	6.09504923	6.89790139	7.51390313	-0.12
8.55441608	10.6873865	6.21265941	5.27700126	8.09888903	-0.62
7.83886507	8.39931205	6.30996346	2.65827414	7.9265654	-1.58
23.1510236	0.57832501	6.38036747	0.76635216	11.6025768	-3.92
4.37682076	4.37450072	6.47226687	4.16905118	5.46756806	-0.39
24.0083489	32.117501	6.56704805	19.1561156	16.5987475	0.21
4.35581786	2.66154924	6.58275209	4.18977553	4.3483324	-0.05
1.09529984	32.1175034	6.70082977	8.15985085	19.8191875	-1.28
22.3179284	5.04849427	6.72546253	3.35146289	10.2488815	-1.61
1.23096777	3.1817287	6.83088678	2.31240559	3.32878985	-0.53
0.15764608	1.18080747	6.8578868	9.94055964	2.28526978	2.12
1.03918374	1.06736364	6.87998146	0.9502038	2.91411847	-1.62
6.51844053	2.79494958	7.08436784	4.31330999	5.69932461	-0.40
6.20834295	5.93884854	7.12289427	3.43709043	6.72108798	-0.97
6.00879419	6.74600995	7.20382216	4.6044135	6.9955478	-0.60
5.12426169	6.51213735	7.21674973	3.80515955	6.59537489	-0.79
7.01243638	5.43790877	7.34753976	6.98680298	6.71270051	0.06
6.95884786	8.23002511	7.35931118	6.41325968	7.73809093	-0.27
22.1883413	12.0813107	7.44543049	6.5408862	12.7678766	-0.96
3.52711378	8.40799127	7.48408208	5.87695506	7.37643885	-0.33
6.69113153	5.9548464	7.494404	5.29980228	6.88907372	-0.38
7.66228987	32.1175034	7.62684748	11.6238757	21.6924395	-0.90
3.65029456	5.51949387	7.69990613	4.24763813	5.43009057	-0.35
5.40043242	4.15381663	8.0008516	2.90461707	6.05088028	-1.06
4.88042175	6.51282713	8.04485419	8.22579377	7.48486627	0.14
6.33586711	4.42904108	8.12024965	5.77166963	5.40120766	0.10
6.08967636	2.77750753	8.16411914	2.70634249	5.76522899	-1.09
5.96789586	8.23140283	8.18592642	4.92551054	7.51900281	-0.61
29.075367	7.07209247	8.19746806	12.2293953	12.5508232	-0.04
4.94834698	2.14917864	8.35040705	1.43227539	4.63143898	-1.69
5.9737144	3.83888912	8.41031168	5.99293847	7.80653412	-0.38
12.9357577	32.1175034	8.45944609	15.4972218	17.2970927	-0.16
8.53087242	7.44396384	8.48235589	6.99145897	8.83277409	-0.34
5.11089215	9.06382144	8.67199107	2.30550623	7.80014004	-1.76
29.075367	9.10484249	8.75595105	10.5861682	15.4619076	-0.55
7.65571213	6.81042163	8.83649952	6.14702533	7.89784183	-0.36
4.96720785	5.27018271	9.12946385	4.15528795	5.77573971	-0.48
2.79530116	2.85986665	9.21502363	5.70068204	4.54100588	0.33
6.01885628	32.1175034	9.22420463	1.56518167	12.530834	-3.00
29.075367	6.41061235	9.31463666	14.2829679	15.5852797	-0.13
8.2705618	12.7990035	9.35134676	22.8938523	17.4460073	0.39
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1.89920742	2.49196962	9.52211008	10.5548332	3.79989516	1.47
10.8388761	30.8311028	9.61400948	13.2365879	16.1545408	-0.29
8.99445407	7.45823725	9.65737241	5.27054192	8.65979565	-0.72
2.36247976	5.89520069	9.755579	12.3212349	8.75992453	0.49
2.98080436	1.892832	9.85163022	3.19789672	5.44463996	-0.77
29.075367	32.1175034	9.91593961	7.95692375	27.6179818	-1.80
8.50741528	11.9517889	9.97060977	7.2151529	11.3853759	-0.66
2.62172839	3.98992754	10.1109536	1.60626419	5.04172405	-1.65
7.36522133	8.65135538	10.1956248	6.57055631	16.3938296	-1.32
29.075367	16.2663141	10.5222155	13.6392721	23.8067534	-0.80
7.61221953	6.07777049	10.5621907	7.58989378	7.66024228	-0.01
4.50179308	10.8738291	10.7589714	10.8674361	9.53651482	0.19
8.42329998	3.96441551	10.7797953	14.62304	8.39108352	0.80
10.9961262	14.0585604	10.8105413	8.29725416	12.2202889	-0.56
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8.36912417	5.70745877	10.9442872	7.58829063	11.0554065	-0.54
19.1626859	32.1175034	11.2493786	12.8290474	25.4731713	-0.99
4.86602237	4.58536434	11.4197101	2.92740211	6.31120038	-1.11
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17.2272104	4.80196642	11.7841572	11.0775691	8.72433944	0.34
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14.8011668	14.2259587	12.0813541	12.117224	11.9682	0.02
8.37386074	5.913497	12.1183747	5.34797079	8.75770795	-0.71
8.27070155	32.1175034	12.4946958	7.22185058	16.3364169	-1.18
2.27798722	2.02029019	12.6355952	8.01973191	5.66762366	0.50
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12.137068	12.6843421	13.3392142	7.46083682	12.9287752	-0.79
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1.36440433	2.01755834	13.8210363	2.8412543	5.6812058	-1.00
9.58524378	7.60135546	13.8826434	3.3629706	9.75065165	-1.54
5.61804182	18.0095742	14.5737738	4.07453219	10.5590489	-1.37
29.075367	10.7621755	14.9033972	3.0883935	20.3582821	-2.72
5.19003463	5.32261881	14.9551432	1.31387302	16.2077284	-3.62
12.9279826	11.9978939	15.7269949	4.57932353	12.0389315	-1.39
29.075367	11.5109084	16.0938668	14.4062043	17.9584649	-0.32
8.49481825	7.4835453	16.4762852	5.68120111	9.80456017	-0.79
11.3568742	4.17332342	17.1401818	11.7255904	8.90083918	0.40
29.075367	32.1175034	18.6959447	13.3921142	29.8129831	-1.15
15.8606712	15.5197693	19.0702435	11.4930372	17.3339424	-0.59
5.3616287	11.4531899	19.9270689	4.90725788	19.0262512	-1.96
18.0488515	17.9505117	20.3798734	6.16452376	19.119551	-1.63

13.5657144	3.02784938	21.1856574	8.30994613	15.053203	-0.86
2.45820607	2.91260506	21.3455558	2.52698099	11.5392427	-2.19
3.05393671	4.21616571	25.0978367	4.14467843	10.0450972	-1.28
13.3344249	32.1175034	25.3309394	13.6349594	27.5364962	-1.01
3.62598422	5.17365892	25.6082408	7.73525151	18.4427503	-1.25
29.075367	13.6447479	25.8310957	18.0041603	23.9742454	-0.41
8.74956378	14.1067261	27.4686182	16.1581049	14.334327	0.17
21.7765319	17.5171072	30.005104	15.2535427	19.6892218	-0.37
29.075367	32.1175034	30.0538054	20.8650977	32.6524482	-0.65
29.075367	32.1175034	34.7168297	22.8938527	33.8182043	-0.56
10.728558	32.1175034	34.7168297	13.983802	29.231502	-1.06
29.075367	32.1175034	34.7168297	6.2294613	33.8182043	-2.44
24.2799012	32.1175034	34.7168323	22.8938527	32.6193385	-0.51
29.075367	32.1175034	34.7168323	22.8938527	33.818205	-0.56
29.075367	32.1175034	34.7168323	22.8938527	33.818205	-0.56
29.075367	32.1175034	34.7168323	22.8938527	33.818205	-0.56
29.075367	32.1175034	34.7168323	20.6458609	33.818205	-0.71
29.075367	32.1175034	34.7168323	19.2384101	32.6830902	-0.76
29.075367	4.79663962	34.7168323	19.4927466	26.987989	-0.47
29.075367	3.07086718	34.7168323	19.4014348	26.5565459	-0.45
29.075367	32.117501	34.7168323	19.1188478	33.8182043	-0.82
29.075367	32.1175034	34.7168323	17.7556732	33.818205	-0.93
29.075367	32.117501	34.7168323	17.8087643	33.8182043	-0.93
29.075367	6.25541932	34.7168323	18.6880428	18.9666197	-0.02
0.70506876	13.6121248	34.7168323	17.4447538	13.8608073	0.33
29.075367	3.50406797	34.7168323	17.8696058	26.6648461	-0.58
29.075367	32.1175034	34.7168323	18.2118253	33.818205	-0.89
8.433153	32.1175034	34.7168323	16.9416838	28.6576515	-0.76
29.075367	32.1175034	34.7168323	17.4020055	24.5619309	-0.50
29.075367	32.1175034	34.7168323	16.6144647	33.818205	-1.03
29.075367	32.1175034	34.7168323	17.938857	33.818205	-0.91
0.7083028	32.1175034	34.7168323	16.4673237	26.7264389	-0.70
5.25544267	4.11693456	34.7168323	14.7440302	11.7127966	0.33
29.075367	32.1175034	34.7168323	13.6204571	33.818205	-1.31
5.56292601	32.117501	34.7168323	13.1245071	27.9400941	-1.09
29.075367	32.1175034	34.7168323	12.9706891	26.369271	-1.02
3.85456298	2.12568387	34.7168323	12.7305259	10.7757434	0.24
29.075367	32.1175034	34.7168323	11.8145993	28.0009317	-1.24
29.075367	32.1175034	34.7168323	11.675837	24.4729356	-1.07
1.8682643	0.4755164	34.7168323	12.4295038	9.42463585	0.40
29.075367	32.1175034	34.7168323	10.8389379	26.0546211	-1.27
29.075367	32.1175034	34.7168323	9.55007255	24.2374437	-1.34

29.075367	32.1175034	34.7168323	9.20743091	25.4689272	-1.47
1.49642258	32.1175034	34.7168323	8.75475444	20.7511191	-1.25
4.40398908	5.74435217	34.7168323	8.4196447	12.8612178	-0.61
0.35114002	0.27421185	34.7168323	7.18404077	9.01756797	-0.33
4.86854123	1.98934798	34.7168323	7.7118173	11.7365787	-0.61
29.075367	32.1175034	34.7168323	7.11260082	24.2030681	-1.77
29.075367	32.1175034	34.7168323	6.91429479	24.1744444	-1.81
29.075367	32.1175034	34.7168323	6.71384913	24.6079496	-1.87
2.62589098	32.1175034	34.7168323	5.77451652	27.205836	-2.24
29.075367	5.50584163	34.7168323	5.75468028	18.7971657	-1.71
29.075367	32.1175034	34.7168323	5.2965064	33.818205	-2.67
6.96947839	5.23794073	34.7168323	4.96314439	14.6917658	-1.57
29.075367	1.44109293	34.7168323	4.36390428	16.800744	-1.94
3.69831022	1.65028953	34.7168323	4.37796623	19.8571373	-2.18
21.5560732	32.1175034	34.7168323	2.76886106	31.9383815	-3.53
29.075367	4.28055196	34.7168323	2.66949216	17.5138255	-2.71
7.56444067	32.1175034	34.7168323	2.38430753	21.6658724	-3.18
2.99769596	3.78529032	34.7168323	2.06972814	11.1522685	-2.43
29.075367	32.1175034	34.7168323	2.0680864	25.4324965	-3.62
1.7459883	2.48128907	34.7168323	1.0879968	10.4151998	-3.26
1.61697623	1.19841377	34.7168323	1.06816059	19.2238349	-4.17
1.57161348	1.03201359	34.7168323	0.8806855	9.84796172	-3.48
0.70973157	0.99161363	34.7168323	0.89740628	10.0856622	-3.49
1.95347016	10.9394524	34.7168323	0.81891852	16.173768	-4.30
29.075367	32.1175034	34.7168323	0.83829757	24.7288087	-4.88