

Table S1. Proteins binding to biotin or biotinsphingosine under saline or cerulein plus LPS.

Accession	Area Cerulein+LPS- Biotin	Area Cerulein+LPS- Biotinsphingosine	Area Saline- Biotin	Area Saline- Biotinsphingosine	Avg. Mass	Description
Q8VDD5	8189200000	9056200000	1167200000	9834500000	226370	Myosin-9 OS=Mus musculus OX=10090
P35441	1028900000	1201200000	626660000	937620000	129647	Thrombospondin-1 OS=Mus musculus
Q9JKF1	504500000	594570000	322080000	533510000	188741	Ras GTPase-activating- like protein IQGAP1 OS=Mus musculus OX=10090 GN=Iqgap1 PE=1 SV=2
Q6URW6	252220000	288340000	24876000	365140000	228584	Myosin-14 OS=Mus musculus OX=10090
Q61879	50161000	62722000	7244100	97050000	228994	Myosin-10 OS=Mus musculus OX=10090
P60710	201180000	210650000	39889000	190190000	41737	Actin cytoplasmic 1 OS=Mus musculus OX=10090 GN=Actb
P63260	98474000	110750000	18406000	128930000	41793	Actin cytoplasmic 2 OS=Mus musculus OX=10090 GN=Actg1
Q7TPV4	184780000	236110000	129510000	221100000	152036	Myb-binding protein 1A OS=Mus musculus OX=10090
P29268	732620000	605590000	367920000	572060000	37824	CCN family member 2 OS=Mus musculus OX=10090 GN=Ccn2
P26041	264430000	251950000	218560000	249660000	67767	Moesin OS=Mus musculus OX=10090
P05784	487810000	496300000	55139000	306450000	47538	Keratin type I cytoskeletal 18 OS=Mus musculus OX=10090
P11679	230670000	235630000	41431000	156030000	54565	Keratin type II cytoskeletal 8 OS=Mus musculus OX=10090
Q9Z0N1	599720000	576520000	376720000	533640000	51066	Eukaryotic translation initiation factor 2 subunit 3 X-linked OS=Mus musculus OX=10090
P99024	114510000	137800000	77507000	139910000	49671	Tubulin beta-5 chain OS=Mus musculus OX=10090 GN=Tubb5
P68372	52844000	57452000	32822000	50255000	49831	Tubulin beta-4B chain OS=Mus musculus OX=10090 GN=Tubb4b
Q61656	172950000	162040000	102350000	158180000	69290	Probable ATP-dependent RNA helicase DDX5 OS=Mus musculus
P26040	126610000	106190000	84619000	106130000	69407	Ezrin OS=Mus musculus OX=10090 GN=Ezr
P68369	1751700	2821100	1343000	3687400	50136	Tubulin alpha-1A chain OS=Mus musculus OX=10090 GN=Tuba1a
P62737	835290	904660		429510	42009	Actin aortic smooth muscle OS=Mus musculus OX=10090
O08638	52703000	63989000	791150	30640000	227026	Myosin-11 OS=Mus musculus OX=10090
P68033	0				42019	Actin alpha cardiac muscle 1 OS=Mus musculus OX=10090

P62082	895010000	965020000	612420000	1337400000	22127	40S ribosomal protein S7 OS=Mus musculus OX=10090 GN=Rps7
P68373	4247900	5589900	4298900	5856000	49909	Tubulin alpha-1C chain OS=Mus musculus OX=10090 GN=Tuba1c
P97351	454740000	424430000	360780000	472180000	29885	40S ribosomal protein S3a OS=Mus musculus OX=10090 GN=Rps3a
P68134	258000	767790			42051	Actin alpha skeletal muscle OS=Mus musculus OX=10090
Q91ZA3	155130000	132380000	96226000	171790000	79922	Propionyl-CoA carboxylase alpha chain mitochondrial OS=Mus
Q05D44	135850000	127500000	76650000	150730000	137616	Eukaryotic translation initiation factor 5B OS=Mus musculus
Q7TMM9	1770600	1994000	1053100	1930200	49907	Tubulin beta-2A chain OS=Mus musculus OX=10090 GN=Tubb2a
Q9CWF2	1966500	3391500	1670700	2634400	49953	Tubulin beta-2B chain OS=Mus musculus OX=10090 GN=Tubb2b
P26043	50136000	54134000	37679000	46970000	68543	Radixin OS=Mus musculus OX=10090
P63268	724350	10382000	1813400	349970	41877	Actin gamma-enteric smooth muscle OS=Mus musculus OX=10090
Q8BTM8	56322000	87735000	17097000	55033000	281219	Filamin-A OS=Mus musculus OX=10090
P68368	23905000	22562000	12859000	23128000	49924	Tubulin alpha-4A chain OS=Mus musculus OX=10090 GN=Tuba4a
Q6ZWX6	246960000	244100000	153630000	242910000	36108	Eukaryotic translation initiation factor 2 subunit 1 OS=Mus musculus
P18406	258530000	225400000	164960000	251700000	41709	CCN family member 1 OS=Mus musculus OX=10090 GN=Ccn1
P62702	321660000	315990000	218970000	373950000	29598	40S ribosomal protein S4 X isoform OS=Mus musculus OX=10090
Q99MN9	202990000	208060000	80209000	213130000	58409	Propionyl-CoA carboxylase beta chain mitochondrial OS=Mus
Q80X90	27409000	52057000	3686700	24509000	277822	Filamin-B OS=Mus musculus OX=10090
Q99L45	193850000	200840000	135630000	198550000	38092	Eukaryotic translation initiation factor 2 subunit 2 OS=Mus musculus
P19001	94326000	105350000	15572000	63778000	44542	Keratin type I cytoskeletal 19 OS=Mus musculus OX=10090
P14873	55578000	62701000	25005000	50962000	270252	Microtubule-associated protein 1B OS=Mus musculus OX=10090
Q99MR8	94837000	92437000	51752000	108020000	79344	Methylcrotonoyl-CoA carboxylase subunit alpha mitochondrial OS=Mus musculus
Q8BMK4	95453000	107520000	58585000	78357000	63692	Cytoskeleton-associated protein 4 OS=Mus musculus OX=10090
P20152	95823000	99243000	22839000	75578000	53688	Vimentin OS=Mus musculus OX=10090

Q62167	114880000	164730000	82547000	150940000	73102	ATP-dependent RNA helicase DDX3X OS=Mus musculus
Q922F4	8343900	8186900	16588000	12732000	50090	Tubulin beta-6 chain OS=Mus musculus
Q6P542	60738000	59007000	38525000	70707000	94945	OX=10090 GN=Tubb6 ATP-binding cassette sub-family F member 1 OS=Mus musculus
Q05920	55163000	74544000	56227000	67426000	129684	Pyruvate carboxylase mitochondrial OS=Mus musculus OX=10090
P02535	3453500	3150600	49162	1521500	57770	Keratin type I cytoskeletal 10 OS=Mus musculus OX=10090
P43274	863010000	584960000	442750000	795890000	21977	Histone H1.4 OS=Mus musculus OX=10090
Q9ERD7		20243000	0	21219000	50419	Tubulin beta-3 chain OS=Mus musculus OX=10090 GN=Tubb3
P15864	167670000	119110000	111870000	149190000	21267	Histone H1.2 OS=Mus musculus OX=10090
Q60875	48622000	39058000	23349000	41859000	111974	Rho guanine nucleotide exchange factor 2 OS=Mus musculus
P43277	145570000	106940000	98272000	132300000	22100	Histone H1.3 OS=Mus musculus OX=10090
Q61595	44249000	52203000	17032000	34875000	152592	Kinectin OS=Mus musculus OX=10090
Q3ULD5	58437000	51790000	31524000	68588000	61379	Methylcrotonoyl-CoA carboxylase beta chain mitochondrial OS=Mus musculus OX=10090
P27659	104320000	133390000	89889000	112780000	46110	60S ribosomal protein L3 OS=Mus musculus OX=10090 GN=Rpl3
P63017	41868000	34731000	24255000	24970000	70871	Heat shock cognate 71 kDa protein OS=Mus musculus OX=10090
Q8BMS1	17669000	21346000	34578000	57965000	82670	Trifunctional enzyme subunit alpha mitochondrial OS=Mus
Q7TPR4	15120000	33879000	1425200	8609300	103068	Alpha-actinin-1 OS=Mus musculus OX=10090
Q8CIE6	37819000	41685000	17589000	35891000	138432	Coatomer subunit alpha OS=Mus musculus OX=10090 GN=Copa
Q9DCV7	36698000	45947000	4010100	28997000	50709	Keratin type II cytoskeletal 7 OS=Mus musculus OX=10090
Q501J6	25935000	23979000	17688000	20574000	72400	Probable ATP-dependent RNA helicase DDX17 OS=Mus musculus
P46735	28615000	32741000	5241700	48536000	128564	Unconventional myosin-Ib OS=Mus musculus OX=10090 GN=Myo1b
Q04750	59595000	59093000	42248000	74980000	90876	DNA topoisomerase 1 OS=Mus musculus OX=10090 GN=Top1
O54774	26845000	25701000	15536000	28847000	135081	AP-3 complex subunit delta-1 OS=Mus musculus OX=10090
Q9D6Z1	202840000	177330000	134900000	180210000	64464	Nucleolar protein 56 OS=Mus musculus OX=10090 GN=Nop56

P51410	189930000	211200000	126720000	234280000	21881	60S ribosomal protein L9 OS=Mus musculus OX=10090 GN=Rpl9
Q922Q8	399840000	365670000	233200000	584080000	34877	Leucine-rich repeat- containing protein 59 OS=Mus musculus
Q03265	53169000	59770000	36247000	44192000	59753	ATP synthase subunit alpha mitochondrial OS=Mus musculus
Q5SWU9	23164000	24703000	17644000	29511000	265254	Acetyl-CoA carboxylase 1 OS=Mus musculus OX=10090 GN=Acaca
Q80UM7	65056000	61065000	41977000	61461000	91831	Mannosyl- oligosaccharide glucosidase OS=Mus
P20029	81765000	51859000	51529000	39218000	72422	Endoplasmic reticulum chaperone BiP OS=Mus musculus OX=10090
P63276	230430000	219040000	151040000	260140000	15524	40S ribosomal protein S17 OS=Mus musculus OX=10090 GN=Rps17
P39447	30467000	36360000	22353000	39970000	194740	Tight junction protein ZO-1 OS=Mus musculus OX=10090 GN=Tjp1
P16858	91130000	111710000	46016000	76714000	35810	Glyceraldehyde-3- phosphate dehydrogenase OS=Mus musculus
Q6DFW4	37536000	42189000	24841000	42656000	60343	Nucleolar protein 58 OS=Mus musculus OX=10090 GN=Nop58
Q9D8E6	71237000	92426000	56171000	76701000	47154	60S ribosomal protein L4 OS=Mus musculus OX=10090 GN=Rpl4
Q8BVY0	59727000	58657000	35033000	76607000	50421	Ribosomal L1 domain- containing protein 1 OS=Mus musculus
Q3UQ28	28227000	21536000	6849000	26460000	165102	Peroxidasin homolog OS=Mus musculus OX=10090 GN=Pxdn
V9GWY0	1489700			1133400	29939	40S ribosomal protein S4 OS=Mus musculus OX=10090
Q8K224	12691000	18354000	10873000	17499000	115418	RNA cytidine acetyltransferase OS=Mus musculus
Q8VEK3	83956000	112250000	61126000	103280000	87918	Heterogeneous nuclear ribonucleoprotein U OS=Mus musculus OX=10090 GN=Hnrnpu
Q78PY7	31124000	32655000	17859000	29668000	102088	Staphylococcal nuclease domain-containing protein 1 OS=Mus
Q3THE2	131350000	154010000	27906000	175410000	19779	Myosin regulatory light chain 12B OS=Mus musculus OX=10090
P10126	112970000	150800000	57580000	95239000	50114	Elongation factor 1-alpha 1 OS=Mus musculus OX=10090 GN=Eef1a1
P53395	52856000	58782000	33109000	19825000	53247	Lipoamide acyltransferase component of branched- chain alpha-keto acid dehydrogenase complex
F8VQC1	28506000	204960000	36980000	28066000	74657	Signal recognition particle subunit SRP72 OS=Mus musculus

Q9WTI7	21001000	21496000	5929300	26329000	121944	Unconventional myosin-Ic OS=Mus musculus OX=10090 GN=Myo1c
P26039	12648000	15449000	2037300	7424500	269819	Talin-1 OS=Mus musculus OX=10090
O54724	73541000	65068000	42419000	70836000	43954	Caveolae-associated protein 1 OS=Mus musculus OX=10090
Q99KP6	79003000	83879000	58357000	110510000	55239	Pre-mRNA-processing factor 19 OS=Mus musculus OX=10090
P43276	260510000	179610000	131460000	233430000	22576	Histone H1.5 OS=Mus musculus OX=10090
Q99KQ4	12580000	2773400	30583000	5328900	55447	Nicotinamide phosphoribosyltransferase OS=Mus musculus OX=10090 GN=Nampt
P51881	28408000	44850000	17971000	38026000	32931	ADP/ATP translocase 2 OS=Mus musculus OX=10090 GN=Slc25a5
P47911	57864000	71728000	40930000	62496000	33510	60S ribosomal protein L6 OS=Mus musculus OX=10090 GN=Rpl6
P25444	75008000	100900000	59112000	75730000	31231	40S ribosomal protein S2 OS=Mus musculus OX=10090 GN=Rps2
Q9Z0U1	25821000	28123000	17016000	28446000	131280	Tight junction protein ZO-2 OS=Mus musculus OX=10090 GN=Tjp2
P12970	69058000	79159000	50501000	70505000	29977	60S ribosomal protein L7a OS=Mus musculus OX=10090 GN=Rpl7a
P17182	27338000	59493000	21690000	22179000	47141	Alpha-enolase OS=Mus musculus OX=10090
Q99PL5	49764000	48453000	31089000	32832000	172878	Ribosome-binding protein 1 OS=Mus musculus OX=10090
P10922	360470000	282640000	264140000	386370000	20861	Histone H1.0 OS=Mus musculus OX=10090
P62301	246080000	334960000	218820000	309600000	17222	40S ribosomal protein S13 OS=Mus musculus OX=10090 GN=Rps13
Q61937	91534000	116360000	67186000	135980000	32560	Nucleophosmin OS=Mus musculus OX=10090
Q6PDG5	10117000	10272000	5918600	8871200	132604	SWI/SNF complex subunit SMARCC2 OS=Mus musculus
E9Q557	13025000	6208500	7561800	12098000	332913	Desmoplakin OS=Mus musculus OX=10090
P61255	227410000	287280000	196840000	250380000	17258	60S ribosomal protein L26 OS=Mus musculus OX=10090 GN=Rpl26
Q3TTY5	1721600	5087700		3039000	70923	Keratin type II cytoskeletal 2 epidermal OS=Mus musculus
P38647	19984000	23588000	11866000	17939000	73461	Stress-70 protein mitochondrial OS=Mus musculus OX=10090
Q3TEA8	54363000	44283000	36460000	60117000	60867	Heterochromatin protein 1-binding protein 3 OS=Mus musculus
Q80WJ7	48862000	37593000	23825000	44707000	63846	Protein LYRIC OS=Mus musculus OX=10090
P56480	21454000	41255000	15071000	24003000	56301	ATP synthase subunit beta mitochondrial OS=Mus musculus

Q9DB20	76782000	77188000	26117000	78719000	23364	ATP synthase subunit O mitochondrial OS=Mus musculus OX=10090
Q8K363	17408000	25065000	13150000	27031000	74181	ATP-dependent RNA helicase DDX18 OS=Mus musculus
P62908	112650000	130920000	67360000	112020000	26674	40S ribosomal protein S3 OS=Mus musculus OX=10090 GN=Rps3
Q5SYD0	12104000	15567000	447100	25164000	116081	Unconventional myosin- Id OS=Mus musculus OX=10090 GN=Myo1d
P62751	284580000	264620000	181660000	341270000	17695	60S ribosomal protein L23a OS=Mus musculus OX=10090 GN=Rpl23a
Q3TKT4	19471000	22057000	11002000	22049000	181426	Transcription activator BRG1 OS=Mus musculus OX=10090
Q06890	23734000	44751000	15540000	31034000	51656	Clusterin OS=Mus musculus OX=10090
Q9WVE8	23414000	20974000	29749000	42125000	55833	Protein kinase C and casein kinase substrate in neurons protein 2 OS=Mus musculus
Q9D0E1	19108000	35357000	20781000	31407000	77649	Heterogeneous nuclear ribonucleoprotein M OS=Mus musculus OX=10090 GN=Hnrmnp
Q91YQ5	9664300	17897000	6989600	11936000	68528	Dolichyl- diphosphooligosaccharid e--protein glycosyltransferase
P35550	39628000	45545000	21579000	33560000	34307	rRNA 2'-O- methyltransferase fibrillarin OS=Mus
Q6A068	21062000	23337000	16185000	30955000	92190	Cell division cycle 5-like protein OS=Mus musculus OX=10090
Q9JIK5	14244000	24413000	17676000	18098000	93551	Nucleolar RNA helicase 2 OS=Mus musculus OX=10090 GN=Ddx21
F8VPU2	25837000	22053000	12774000	27446000	118875	FERM ARHGEF and pleckstrin domain- containing protein 1 OS=Mus musculus
Q9EQK5	6395000	16162000	4335700	8476400	95924	Major vault protein OS=Mus musculus
P48962	8951200	10867000	5317800	10229000	32904	ADP/ATP translocase 1 OS=Mus musculus OX=10090 GN=Slc25a4
Q5SWD9	20814000	24966000	16167000	28432000	92105	Pre-rRNA-processing protein TSR1 homolog OS=Mus musculus
P14869	25128000	44436000	16516000	36751000	34216	60S acidic ribosomal protein P0 OS=Mus musculus OX=10090
P32233	34615000	44505000	23085000	32305000	40512	Developmentally- regulated GTP-binding protein 1 OS=Mus
Q8BG05	18298000	19605000	16018000	30603000	39652	Heterogeneous nuclear ribonucleoprotein A3 OS=Mus musculus OX=10090 GN=Hnrmnpa3
B2RXM2	18298000	19605000	16018000	30603000	36610	EG627828 protein OS=Mus musculus

F6YVP7	231150000	271620000	170840000	270040000	17672	Predicted gene 10260 OS=Mus musculus OX=10090 40S ribosomal protein
P62270	231150000	271620000	170840000	270040000	17719	S18 OS=Mus musculus OX=10090 GN=Rps18 MCG116671 OS=Mus
A0A1Y7VKY	231150000	271620000	170840000	270040000	17749	musculus OX=10090 GN=Gm11361 PE=3 Peptidyl-prolyl cis-trans
P24369	53297000	54756000	26688000	39286000	23713	isomerase B OS=Mus musculus OX=10090 Fibronectin OS=Mus
P11276	15825000	14464000	15686000	13901000	272536	musculus OX=10090 Gelsolin OS=Mus
P13020	5527700	6184800		5451900	85942	musculus OX=10090 N-acylneuraminate cytidylyltransferase
Q99KK2	36773000	45420000	24829000	37109000	48058	OS=Mus musculus 40S ribosomal protein S9
Q6ZWN5	100410000	120670000	91281000	98733000	22591	OS=Mus musculus OX=10090 GN=Rps9 U4/U6.U5 tri-snRNP-
Q3TIX9	25920000	25644000	13669000	21356000	65146	associated protein 2 OS=Mus musculus Keratin type I
Q9QWL7	444130	0			48162	cytoskeletal 17 OS=Mus musculus OX=10090 60S ribosomal protein
Q9CPR4	52537000	67535000	49308000	63300000	21423	L17 OS=Mus musculus OX=10090 GN=Rpl17 Polyadenylate-binding
P29341	520880	2579900		1658000	70671	protein 1 OS=Mus musculus OX=10090 Heat shock-related 70
P17156		1271500	0		69642	kDa protein 2 OS=Mus musculus OX=10090 Oxysterol-binding
Q9DBS9	14683000	13115000	8966300	14956000	96966	protein-related protein 3 OS=Mus musculus 40S ribosomal protein S8
P62242	87232000	101940000	58945000	93962000	24205	OS=Mus musculus OX=10090 GN=Rps8 AP-2 complex subunit
Q9DBG3	16328000	27766000	8407000	18699000	104583	beta OS=Mus musculus OX=10090 GN=Ap2b1 Tropomyosin alpha-1
P58771	12536000	7883100	236400	15428000	32681	chain OS=Mus musculus OX=10090 GN=Tpm1 40S ribosomal protein
P62843	124820000	138150000	70323000	180930000	17040	S15 OS=Mus musculus OX=10090 GN=Rps15 Poly [ADP-ribose]
P11103	4774400	10572000	7359500	8623200	113100	polymerase 1 OS=Mus musculus OX=10090 40S ribosomal protein
P63325	132150000	116870000	91349000	126250000	18916	S10 OS=Mus musculus OX=10090 GN=Rps10 60S ribosomal protein
P62900	115980000	125500000	122580000	147840000	14463	L31 OS=Mus musculus OX=10090 GN=Rpl31 60S ribosomal protein L7
P14148	51756000	69645000	48698000	55342000	31420	OS=Mus musculus OX=10090 GN=Rpl7

Q8BP47	11434000	14499000	5490700	10750000	64279	Asparagine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
P97496	10970000	13298000	6798600	11518000	122890	SWI/SNF complex subunit SMARCC1 OS=Mus musculus
P17225	21040000	22867000	10515000	18619000	56478	Polypyrimidine tract- binding protein 1 OS=Mus musculus
P04104		1479500		220150	65606	Keratin type II cytoskeletal 1 OS=Mus musculus OX=10090
P57780	590520	2216200		353410	104977	Alpha-actinin-4 OS=Mus musculus OX=10090
P58252	6286800	14635000	3727300	7355500	95314	Elongation factor 2 OS=Mus musculus
P43275	49300000	26976000	27157000	44782000	21785	Histone H1.1 OS=Mus musculus OX=10090
Q02257	15535000	7107800	9465500	10405000	81801	Junction plakoglobin OS=Mus musculus OX=10090 GN=Jup
Q9Z1Q9	14428000	13927000	10030000	10812000	140215	Valine--tRNA ligase OS=Mus musculus OX=10090 GN=Vars
P70670	41998000	43269000	20045000	38156000	220497	Nascent polypeptide- associated complex subunit alpha muscle- specific form OS=Mus pre-rRNA 2'-O-ribose
Q9DBE9	4583700	5287800	3231200	6556700	95532	RNA methyltransferase FTSJ3 OS=Mus musculus OX=10090
P17427	6424400	11260000	1714800	6827800	104016	AP-2 complex subunit alpha-2 OS=Mus musculus OX=10090
Q60997	2372300	190310	13713000	34213000	226814	Deleted in malignant brain tumors 1 protein OS=Mus musculus
Q8BGZ7	679000				59741	Keratin type II cytoskeletal 75 OS=Mus musculus OX=10090
Q64525	190670000	186600000	139870000	191240000	13920	Histone H2B type 2-B OS=Mus musculus OX=10090
Q1HFZ0	18068000	20791000	12379000	17679000	85452	tRNA (cytosine(34)- C(5))-methyltransferase OS=Mus musculus
P62264	35571000	36899000	33483000	38647000	16273	40S ribosomal protein S14 OS=Mus musculus OX=10090 GN=Rps14
Q9CQ19	1688900	1763600		1840700	19854	Myosin regulatory light polypeptide 9 OS=Mus musculus OX=10090
Q9JHJ0	24544000	20854000		37825000	39503	Tropomodulin-3 OS=Mus musculus
P28740	10956000	13649000	10082000	19596000	79756	Kinesin-like protein KIF2A OS=Mus musculus OX=10090
P17426	3845600	4998500	1585100	6969800	107664	AP-2 complex subunit alpha-1 OS=Mus musculus OX=10090
Q9QXS1	5933700	560890	900810	3294100	534193	Plectin OS=Mus musculus OX=10090
P62918	40696000	45696000	31262000	40922000	28025	60S ribosomal protein L8 OS=Mus musculus OX=10090 GN=Rpl8

P52480	2352500	24077000	5928000	4081700	57845	Pyruvate kinase PKM OS=Mus musculus OX=10090 GN=Pkm
P97315	19248000	19862000	13054000	14866000	20583	Cysteine and glycine-rich protein 1 OS=Mus musculus OX=10090
Q9CXS4	18921000	19062000	15061000	21318000	27541	Centromere protein V OS=Mus musculus OX=10090 GN=Cenpv
P62849	76522000	86497000	62491000	83898000	15423	40S ribosomal protein S24 OS=Mus musculus OX=10090 GN=Rps24
P09405	11727000	9247100	9413700	9917100	76723	Nucleolin OS=Mus musculus OX=10090
Q8VED5	0				57552	Keratin type II cytoskeletal 79 OS=Mus musculus OX=10090
Q6PHQ9	794940	1275800	815610	377850	72242	Polyadenylate-binding protein OS=Mus musculus OX=10090
P07356	12366000	17633000	7334300	5053200	38676	Annexin A2 OS=Mus musculus OX=10090
P62281	48076000	57273000	32009000	42606000	18431	40S ribosomal protein S11 OS=Mus musculus OX=10090 GN=Rps11
E9Q1Z0	551210	839140	38526	942100	58224	Keratin 90 OS=Mus musculus OX=10090
P97461	94657000	91911000	59178000	112420000	22889	40S ribosomal protein S5 OS=Mus musculus OX=10090 GN=Rps5
Q8CGF7	11273000	13924000	6342600	9963500	123788	Transcription elongation regulator 1 OS=Mus musculus OX=10090
P61979	14176000	19386000	10604000	13220000	50976	Heterogeneous nuclear ribonucleoprotein K OS=Mus musculus OX=10090 GN=Hnrnpk
D3Z2H9	24974000	18067000		29818000	28992	Tropomyosin 3 related sequence 7 OS=Mus musculus OX=10090
Q9CZM2	9261400	12812000	7222300	12084000	24146	60S ribosomal protein L15 OS=Mus musculus OX=10090 GN=Rpl15
P62827	23265000	26442000	16194000	27687000	24423	GTP-binding nuclear protein Ran OS=Mus musculus OX=10090
Q91VR5	7586200	14055000	4520200	9775600	82500	ATP-dependent RNA helicase DDX1 OS=Mus musculus OX=10090
P11499	2918100	11816000	2149500	1357400	83281	Heat shock protein HSP 90-beta OS=Mus musculus OX=10090
Q8BMA6	16072000	25594000	12034000	21727000	70574	Signal recognition particle subunit SRP68 OS=Mus musculus
Q8VHE0	21736000	17263000	12424000	15709000	87870	Translocation protein SEC63 homolog OS=Mus musculus
P61358	43684000	50316000	23546000	57503000	15798	60S ribosomal protein L27 OS=Mus musculus OX=10090 GN=Rpl27
P84099	44101000	50772000	36957000	57420000	23466	60S ribosomal protein L19 OS=Mus musculus OX=10090 GN=Rpl19

Q9JJ28	8403300	8421600	927920	10063000	144803	Protein flightless-1 homolog OS=Mus musculus OX=10090
O70551	9911300	10627000	6825600	12520000	73089	SRSF protein kinase 1 OS=Mus musculus OX=10090 GN=Srpk1
Q9CXW4	54458000	58699000	32183000	49943000	20252	60S ribosomal protein L11 OS=Mus musculus OX=10090 GN=Rpl11
P80314	2552800	4247500	1565000	2823300	57477	T-complex protein 1 subunit beta OS=Mus musculus OX=10090
Q8CGC7	2726700	4116200	2099000	4415700	170078	Bifunctional glutamate/proline--tRNA ligase OS=Mus musculus
Q6ZWV7	181690000	155480000	111840000	195160000	14553	60S ribosomal protein L35 OS=Mus musculus OX=10090 GN=Rpl35
Q3UV17	268930				62845	Keratin type II cytoskeletal 2 oral OS=Mus musculus
P35979	22705000	28981000	14053000	17372000	17805	60S ribosomal protein L12 OS=Mus musculus OX=10090 GN=Rpl12
Q64512	4221600	3707800	3129800	5635200	270332	Tyrosine-protein phosphatase non-receptor type 13 OS=Mus
P63101	176670	2152100	276760	946790	27771	14-3-3 protein zeta/delta OS=Mus musculus OX=10090 GN=Ywhaz
Q80UM3	6544800	9281200	4952000	7182900	100961	N-alpha-acetyltransferase 15 NatA auxiliary subunit OS=Mus
P62754	50290000	66497000	28840000	50358000	28681	40S ribosomal protein S6 OS=Mus musculus OX=10090 GN=Rps6
Q8BGS1	12103000	10698000	6959500	18652000	81635	Band 4.1-like protein 5 OS=Mus musculus OX=10090 GN=Epb4115
O35737	608320	0	360680	0	49199	Heterogeneous nuclear ribonucleoprotein H OS=Mus musculus
P47963	77565000	70597000	68941000	76594000	24305	OX=10090 GN=Hnrnp1 60S ribosomal protein L13 OS=Mus musculus
Q9CQE8	2559700	5087400	1942700	7393500	28152	OX=10090 GN=Rpl13 RNA transcription translation and transport factor protein OS=Mus
P30999	6351300	8231100	2544500	6366000	104925	musculus OX=10090 Catenin delta-1 OS=Mus musculus OX=10090
Q7TMK9	3515300	11779000	2431200	3645200	69633	Heterogeneous nuclear ribonucleoprotein Q OS=Mus musculus
Q64467	1991700	1672000	1235200	1942000	47657	OX=10090 GN=Syncrip Glyceraldehyde-3- phosphate dehydrogenase
Q61749	14648000	9193600	6117300	8774700	57624	testis-specific OS=Mus musculus OX=10090 Translation initiation factor eIF-2B subunit
Q9CZX8	62184000	45100000	49198000	82762000	16085	delta OS=Mus musculus 40S ribosomal protein S19 OS=Mus musculus
						OX=10090 GN=Rps19

P16546	2590500	2696600	1409600	1367100	284596	Spectrin alpha chain non-erythrocytic 1 OS=Mus musculus Dihydrolipoyllysine-residue acetyltransferase
Q8BMF4	1558500	11439000	8219100	7102700	67942	component of pyruvate dehydrogenase complex mitochondrial OS=Mus AP-3 complex subunit beta-1 OS=Mus musculus OX=10090
Q9Z1T1	6449400	8891900	4305600	5283500	122740	60S ribosomal protein L32 OS=Mus musculus OX=10090 GN=Rpl32
P62911	12872000	22534000	11617000	15023000	15860	Nuclear export mediator factor Nemf OS=Mus musculus OX=10090
Q8CCP0	7363000	6302600	4619400	5006100	121188	RRP12-like protein OS=Mus musculus
Q6P5B0	3849500	4051000	1828800	4823300	143131	Acetyl-CoA carboxylase 2 OS=Mus musculus OX=10090 GN=Acacb
E9Q4Z2	430070				275748	Glycylpeptide N-tetradecanoyltransferase 1 OS=Mus musculus OX=10090 GN=Nmt1
O70310	10285000	13064000	8399700	6866000	56888	ATP synthase subunit gamma mitochondrial OS=Mus musculus
Q91VR2	9868200	13457000	6527100	12132000	32886	Trifunctional enzyme subunit beta mitochondrial OS=Mus
Q99JY0	23902000	23985000	12862000	21636000	51386	Keratin type II cytoskeletal 73 OS=Mus musculus OX=10090
Q6NXH9				634630	58911	Importin-5 OS=Mus musculus OX=10090
Q8BKC5	4275000	8978400	2907500	7594900	123591	Dolichyl-diphosphooligosaccharid e--protein glycosyltransferase
Q3TDQ1	11826000	14864000	10392000	10671000	93246	60S ribosomal protein L10a OS=Mus musculus OX=10090 GN=Rpl10a
P53026	17935000	27368000	10339000	17988000	24916	Keratin type II cytoskeletal 74 OS=Mus musculus OX=10090
Q6IFZ9	2107700	1172200		1294100	54747	Nuclease-sensitive element-binding protein 1 OS=Mus musculus
P62960	12197000	46227000	14153000	28770000	35730	Cleavage and polyadenylation specificity factor subunit 1 OS=Mus musculus
Q9EPU4	4651000	5846900	2822700	5633300	160818	60S ribosomal protein L10 OS=Mus musculus OX=10090 GN=Rpl10
Q6ZWV3	6633100	12073000	3285900	8364100	24604	Probable ATP-dependent RNA helicase DDX27 OS=Mus musculus
Q921N6	8217400	8307500	6810700	11032000	85939	Zinc finger CCH domain-containing protein 15 OS=Mus
Q3TIV5	13588000	13042000	11574000	10148000	48327	DNA topoisomerase 2-beta OS=Mus musculus OX=10090 GN=Top2b
Q64511	1013900	5507000	2965400	6738200	181908	

Q9Z2X1	7934200	10335000	6862300	8763200	45730	Heterogeneous nuclear ribonucleoprotein F OS=Mus musculus
Q922V4	8316100	8035000	5120700	9895100	56938	Pleiotropic regulator 1 OS=Mus musculus
P22777	6104300	8614000	6566000	11982000	45170	OX=10090 GN=Plrg1 Plasminogen activator inhibitor 1 OS=Mus musculus
Q60605	9156600	10370000	2540900	18321000	16930	OX=10090 Myosin light polypeptide 6 OS=Mus musculus
P47962	11178000	20122000	13572000	11749000	34401	OX=10090 GN=Myl6 60S ribosomal protein L5 OS=Mus musculus
Q03350	331960	0	137240	0	129882	OX=10090 GN=Rpl5 Thrombospondin-2 OS=Mus musculus
Q8BP67	56474000	58289000	37160000	51040000	17779	60S ribosomal protein L24 OS=Mus musculus
P62717	3545600	16748000	2548900	11358000	20732	OX=10090 GN=Rpl24 60S ribosomal protein L18a OS=Mus musculus
O70318	3734200	6346200	3453300	14235000	109940	OX=10090 GN=Rpl18a Band 4.1-like protein 2 OS=Mus musculus
Q6PGC1	1688000	2759500	1155400	2498000	153975	OX=10090 GN=Epb4112 ATP-dependent RNA helicase DHX29 OS=Mus musculus
P62852	65597000	71951000	51277000	71479000	13742	40S ribosomal protein S25 OS=Mus musculus
P84091	7769500	11294000	13670000	9727100	49655	OX=10090 GN=Rps25 AP-2 complex subunit mu OS=Mus musculus
O70503	2247100	7013700	0	2479200	34742	OX=10090 GN=Ap2m1 Very-long-chain 3-oxoacyl-CoA reductase OS=Mus musculus
P57776	4868600	16314000	5219800	10101000	31293	OX=10090 Elongation factor 1-delta OS=Mus musculus
Q9CR57	34740000	41925000	20544000	27626000	23564	OX=10090 GN=Eef1d 60S ribosomal protein L14 OS=Mus musculus
Q9Z315	2668400	3475300	1449600	4786700	90885	OX=10090 GN=Rpl14 U4/U6.U5 tri-snRNP-associated protein 1 OS=Mus musculus
P62141	2760900	3313100	1342000	2389000	37187	Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Mus musculus
P14131	15520000	17129000	13389000	20535000	16445	40S ribosomal protein S16 OS=Mus musculus
P35980	40603000	55366000	36687000	24406000	21645	OX=10090 GN=Rps16 60S ribosomal protein L18 OS=Mus musculus
Q61103	7936200	6564400	4406300	6146900	44230	OX=10090 GN=Rpl18 Zinc finger protein ubi-d4 OS=Mus musculus
O09167	21955000	25139000	10772000	20671000	18562	OX=10090 GN=Dpf2 60S ribosomal protein L21 OS=Mus musculus
						OX=10090 GN=Rpl21

P19253	27486000	38742000	23363000	21077000	23464	60S ribosomal protein L13a OS=Mus musculus OX=10090 GN=Rpl13a
S4R1R7	0				21992	MCG50795 OS=Mus musculus OX=10090
Q9D824	3212600	2119800	2591900	4601400	64959	Pre-mRNA 3'-end-processing factor FIP1 OS=Mus musculus
Q99020	9420900	11197000	7111200	1738200	30831	Heterogeneous nuclear ribonucleoprotein A/B OS=Mus musculus
O35286	5943700	10791000	1454600	8665400	91007	OX=10090 GN=Hnrnpab Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 OS=Mus musculus
P09103	1789500	5381500	1325000	2175400	57059	Protein disulfide-isomerase OS=Mus musculus OX=10090
P29788	840320			613710	54849	Vitronectin OS=Mus musculus OX=10090
P18760	14002000	21616000	8413500	13570000	18560	Cofilin-1 OS=Mus musculus OX=10090
O54941	9680600	6734600	5125300	8359300	46638	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 OS=Mus
V9GXQ2		6111000			17596	Predicted gene 17087 OS=Mus musculus OX=10090
A2AT37	2779400	3031300	1292700	3205400	147552	UPF2 regulator of nonsense transcripts homolog (Yeast)
Q9R112	5595900	13197000	4504300	9383900	50282	Sulfide:quinone oxidoreductase mitochondrial OS=Mus
Q99LF4	5397900	9344800	3144600	8589900	55249	tRNA-splicing ligase RtcB homolog OS=Mus musculus OX=10090
Q9R1R2	2130500	3118600	117610	3005900	80775	Tripartite motif-containing protein 3 OS=Mus musculus
Q8BFR5	3819100	28215000	23050000	32406000	49508	Elongation factor Tu mitochondrial OS=Mus musculus OX=10090
P21981	8962200	11159000	1886300	9022800	77061	Protein-glutamine gamma-glutamyltransferase 2 OS=Mus musculus
P07724	1830300	172340	130410	2167800	68693	Serum albumin OS=Mus musculus OX=10090
Q6IRU2	7670400	6026600		11524000	28468	Tropomyosin alpha-4 chain OS=Mus musculus OX=10090 GN=Tpm4
O70133	2612800	4210500	2081600	4462500	149474	ATP-dependent RNA helicase A OS=Mus musculus OX=10090
Q8VH51	7110600	3027900	7536000	4557800	59407	RNA-binding protein 39 OS=Mus musculus OX=10090 GN=Rbm39
Q8BKX1	7004200	7045600	5034600	6688400	59237	Brain-specific angiogenesis inhibitor 1-associated protein 2

P07901	694480	2577200	412000	520900	84788	Heat shock protein HSP 90-alpha OS=Mus musculus OX=10090
P58774	302350			695960	32837	Tropomyosin beta chain OS=Mus musculus OX=10090 GN=Tpm2
Q99JR8	3233100	3662100	2129100	3452100	59085	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 OS=Mus
Q61696				86253	70079	Heat shock 70 kDa protein 1A OS=Mus musculus OX=10090
P17879				86253	70176	Heat shock 70 kDa protein 1B OS=Mus musculus OX=10090
E9Q0F0			158460		112265	Keratin 78 OS=Mus musculus OX=10090
P60766	7639800	12262000	5697900	14290000	21259	Cell division control protein 42 homolog OS=Mus musculus
Q61768	1626200	4232700	1427600	929610	109551	Kinesin-1 heavy chain OS=Mus musculus OX=10090 GN=Kif5b
Q8VHX6	13929000	118530		180590	291117	Filamin-C OS=Mus musculus OX=10090
Q9Z1R9	658820000	210880000	417310000	381710000	26135	MCG124046 OS=Mus musculus OX=10090
Q9Z2D6	4455700	3957900	1786800	3979600	52308	Methyl-CpG-binding protein 2 OS=Mus musculus OX=10090
Q99NH0	1249500	1236800	668870	1594600	274211	Ankyrin repeat domain-containing protein 17 OS=Mus musculus
D3YTY6		638270		0	17224	Predicted gene 6096 OS=Mus musculus OX=10090 GN=Gm6096
P27661	41320000	36944000	33539000	38675000	15143	Histone H2AX OS=Mus musculus OX=10090
P62983	78684000	64280000	51205000	75335000	17951	Ubiquitin-40S ribosomal protein S27a OS=Mus musculus OX=10090
P0CG49	78684000	64280000	51205000	75335000	34369	Polyubiquitin-B OS=Mus musculus OX=10090
P0CG50	78684000	64280000	51205000	75335000	82550	Polyubiquitin-C OS=Mus musculus OX=10090
A0A0A6YW6	78684000	64280000	51205000	75335000	8728	MCG23377 isoform CRA_b OS=Mus musculus OX=10090
P62984	78684000	64280000	51205000	75335000	14728	Ubiquitin-60S ribosomal protein L40 OS=Mus musculus OX=10090
P07744	0	296190	94252		56283	Keratin type II cytoskeletal 4 OS=Mus musculus OX=10090
Q792Z1	109390000	115610000	173600000	179060000	26221	MCG140784 OS=Mus musculus OX=10090
Q8VCR2	6594100	8476100	2847400	7619900	33458	17-beta-hydroxysteroid dehydrogenase 13 OS=Mus musculus
Q00PI9	2939100	7359800	5360300	7060800	84940	Heterogeneous nuclear ribonucleoprotein U-like protein 2 OS=Mus musculus OX=10090

P70333		201220			49280	Heterogeneous nuclear ribonucleoprotein H2 OS=Mus musculus OX=10090 GN=Hnrnp2
P62137				656610	37540	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Mus musculus
Q99LG0	4715400	2393500	1767900	5754900	93434	Ubiquitin carboxyl-terminal hydrolase 16 OS=Mus musculus
Q68FD5	219860	4841100	323990	593880	191555	Clathrin heavy chain 1 OS=Mus musculus
Q9Z2H5	1680300	2079100	1706200	3843700	98315	OX=10090 GN=Cltc Band 4.1-like protein 1 OS=Mus musculus
Q922K7	5565100	5070300	3066700	3992100	86752	OX=10090 GN=Epb4111 Probable 28S rRNA (cytosine-C(5))-methyltransferase
P11983	3799600	7503000	1581900	4546900	60449	T-complex protein 1 subunit alpha OS=Mus musculus OX=10090
P19157	7039900	15599000	2581900	959740	23609	Glutathione S-transferase P 1 OS=Mus musculus OX=10090 GN=Gstp1
Q9DB77	1171700	2128900	556150	1772300	48235	Cytochrome b-c1 complex subunit 2 mitochondrial OS=Mus
Q9QZQ8	3153800	3951600	849900	3886400	39735	Core histone macro-H2A.1 OS=Mus musculus OX=10090
Q9WV92	2176000	4364000	1305900	6960600	103338	Band 4.1-like protein 3 OS=Mus musculus OX=10090 GN=Epb4113
P14115	42683000	51377000	29361000	43911000	16605	60S ribosomal protein L27a OS=Mus musculus OX=10090 GN=Rpl27a
Q9D0I9	2497200	6137700	1695600	2280800	75674	Arginine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
P62259	222390	1144900	83351	911850	29174	14-3-3 protein epsilon OS=Mus musculus OX=10090 GN=Ywhae
P21107	2220400	2285300		2351700	32994	Tropomyosin alpha-3 chain OS=Mus musculus OX=10090 GN=Tpm3
Q8R0X7	2913500	5798600	1462700	5835500	63677	Sphingosine-1-phosphate lyase 1 OS=Mus musculus OX=10090
P57784	8365500	7030100	3232900	5130100	28357	U2 small nuclear ribonucleoprotein A' OS=Mus musculus
Q3V132	66684				35258	ADP/ATP translocase 4 OS=Mus musculus OX=10090
Q6P9Q4	1289400	1049900	330790	3802900	129600	FH1/FH2 domain-containing protein 1 OS=Mus musculus
Q9D4E6	0		146090		71001	Polyadenylate-binding protein OS=Mus musculus OX=10090
Q9D287	1878500	4069300	3547300	6702200	26131	Pre-mRNA-splicing factor SPF27 OS=Mus musculus OX=10090

Q8BK63	4067100	3164300	2702900	3205900	38915	Casein kinase I isoform alpha OS=Mus musculus OX=10090 GN=Csnk1a1
P35700	18218000	17573000	8010200	15273000	22176	Peroxiredoxin-1 OS=Mus musculus
Q9D8N0	7480000	10994000	3020200	7298900	50061	Elongation factor 1-gamma OS=Mus musculus OX=10090
P62806	7016700	9335300	5466700	9394000	11367	Histone H4 OS=Mus musculus OX=10090
P62267	8209100	14350000	8757800	12586000	15808	40S ribosomal protein S23 OS=Mus musculus OX=10090 GN=Rps23
E9Q634	2952000	3509400	1522200	3681400	126818	Unconventional myosin-Ie OS=Mus musculus OX=10090 GN=Myo1e
P60843	2939400	7399000	1593100	2943700	46154	Eukaryotic initiation factor 4A-I OS=Mus musculus OX=10090
Q80X41	5165500	3605100	989360	2529900	49741	Serine/threonine-protein kinase VRK1 OS=Mus musculus OX=10090
P14206	5149200	4196400	2274200	3982200	32838	40S ribosomal protein SA OS=Mus musculus OX=10090 GN=Rpsa
Q810D6	1681600	1942000	605060	3568200	49224	Glutamate-rich WD repeat-containing protein 1 OS=Mus musculus
Q02248	488890	1181700	376170	683690	85471	Catenin beta-1 OS=Mus musculus OX=10090
P39876	8726500	9211300	4544500	9018700	24182	Metalloproteinase inhibitor 3 OS=Mus musculus OX=10090
Q922P9	3371600	2383300	1944400	4165000	59716	Putative oxidoreductase GLYR1 OS=Mus musculus OX=10090
Q6IFZ8	8803000	7607500		5084200	60228	MCG1050941 OS=Mus musculus OX=10090
Q922B2	12803000	10498000	2972400	1641100	57147	Aspartate--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
Q6IME9	0			1251200	56750	Keratin type II cytoskeletal 72 OS=Mus musculus OX=10090
Q6NSQ7	2474000	2078200	781740	2411900	54023	Protein LTV1 homolog OS=Mus musculus OX=10090 GN=Ltv1
Q3U0S6	2936900	3847900	1261900	2000900	103558	Ras-interacting protein 1 OS=Mus musculus OX=10090 GN=Rasip1
Q6P4T2	747820	746000	188990	1242700	244544	U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Mus
Q9CQY5	5479900	5238300	2383300	4772300	37970	Magnesium transporter protein 1 OS=Mus musculus OX=10090
Q61033	5023200	5511700	3510400	4835500	75168	Lamina-associated polypeptide 2 isoforms alpha/zeta OS=Mus
D3Z6P0	4261500	6633400	2377800	3377700	58317	Protein disulfide-isomerase A2 OS=Mus musculus OX=10090
Q8CCF0	2637500	4217600	332800	1298300	55430	U4/U6 small nuclear ribonucleoprotein Prp31 OS=Mus musculus

Q2KN98		486270		4830500	124488	Cytospin-A OS=Mus musculus OX=10090
Q9R0P5	3353600	5794100	918810	4755400	18522	Destrin OS=Mus musculus OX=10090
Q9EQ61	2168200	1128900	1560700	2910400	67796	Pescadillo homolog OS=Mus musculus
Q3TJD7	3101700	5920500	1567100	3149300	50119	PDZ and LIM domain protein 7 OS=Mus musculus OX=10090
Q9CR62	780740	2421900	476910	1957000	34155	Mitochondrial 2-oxoglutarate/malate carrier protein OS=Mus
Q9JI13	3279600	3781200	1605700	6464400	53399	Something about silencing protein 10 OS=Mus musculus
Q64152	5526700	5820000	2338600	5197400	22031	Transcription factor BTF3 OS=Mus musculus OX=10090 GN=Btf3
Q80UU2	2132600	2210200	1586600	2113600	31129	Ribonuclease P protein subunit p38 OS=Mus musculus OX=10090
Q9Z204	1826900	4833800	1282600	2160400	34385	Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Mus musculus OX=10090
Q9DAW6	1458700	1243500	1312700	1997400	58370	U4/U6 small nuclear ribonucleoprotein Prp4 OS=Mus musculus
Q9JMH9	401720	1395600		1546900	232753	Unconventional myosin-XVIIa OS=Mus musculus OX=10090
Q9D8X2	12161000	7965100	11899000	8748000	25346	Coiled-coil domain-containing protein 124 OS=Mus musculus
Q5F2E8	5577600	5708600	4614500	5841700	116050	Serine/threonine-protein kinase TAO1 OS=Mus musculus OX=10090
Q9QYJ0	3299900	5477200	2172700	4786300	45746	DnaJ homolog subfamily A member 2 OS=Mus musculus OX=10090
P41105	9621300	8841100	8015300	12567000	15733	60S ribosomal protein L28 OS=Mus musculus OX=10090 GN=Rpl28
Q921I2	2844500	2236000	2556800	2534700	64861	Kelch domain-containing protein 4 OS=Mus musculus OX=10090
Q8VHM5	1735100	2339700	1309100	1565200	70888	Heterogeneous nuclear ribonucleoprotein R OS=Mus musculus
P32067	2141600	2900300	1125100	2388500	47756	Lupus La protein homolog OS=Mus musculus OX=10090
P08249	14681000	14379000	11528000	15725000	35611	Malate dehydrogenase mitochondrial OS=Mus musculus OX=10090
Q8BP48	4058100	4162700	3379000	4364900	43221	Methionine aminopeptidase 1 OS=Mus musculus
E9QA15	7452000	5198100	1636100	3760800	89274	Caldesmon 1 OS=Mus musculus OX=10090
E9PUR0		2386400			269675	Ankyrin repeat and KH domain-containing 1 OS=Mus musculus
Q99PV0	121370	480720	0	741580	273615	Pre-mRNA-processing-splicing factor 8 OS=Mus musculus OX=10090

B2RY56	986710	815570	245330	806090	99552	RNA-binding protein 25 OS=Mus musculus OX=10090 GN=Rbm25
Q6PDQ2	3609000	3208600	1566400	1817300	217749	Chromodomain-helicase- DNA-binding protein 4 OS=Mus musculus
P47757	3583300	5060700		4558500	31345	F-actin-capping protein subunit beta OS=Mus musculus OX=10090
Q99JF8	5529200	3066800	4332100	4680100	59697	PC4 and SFRS1- interacting protein OS=Mus musculus
Q9CX86	406670	1009600	861600	707960	30530	Heterogeneous nuclear ribonucleoprotein A0 OS=Mus musculus
Q99M73		300910			64983	OX=10090 GN=Hnrnpa0 Keratin type II cuticular Hb4 OS=Mus musculus
Q921M3	2682700	3830200	2351000	2674200	135550	OX=10090 GN=Krt84 Splicing factor 3B subunit 3 OS=Mus
Q922H2	2101700	1747200	1053400	1944300	47923	musculus OX=10090 [Pyruvate dehydrogenase (acetyl-transferring)]
P28352	5184100	2939800	2356400	3932600	35490	kinase isozyme 3 mitochondrial OS=Mus DNA-(apurinic or
Q3U9G9	1210000	1622800	867630	2357900	71440	aprimidinic site) lyase OS=Mus musculus Delta(14)-sterol
J3QQ02			500630		16571	reductase OS=Mus musculus OX=10090 Predicted gene 2056
Q9D1M7	13175000	15278000	5259700	12699000	22137	OS=Mus musculus OX=10090 GN=Gm2056 Peptidyl-prolyl cis-trans
P47754	3799600	5086300		5757300	32967	isomerase FKBP11 OS=Mus musculus F-actin-capping protein
P01027	259470000	238640000	156490000	268920000	186483	subunit alpha-2 OS=Mus musculus OX=10090 Complement C3
P42669	2724500	2462200	3896500	3177100	34884	OS=Mus musculus Transcriptional activator protein Pur-alpha
P84228	49755000	49282000	29232000	36190000	15388	OS=Mus musculus Histone H3.2 OS=Mus musculus OX=10090
P68433	49755000	49282000	29232000	36190000	15404	GN=Hist2h3c2 PE=1 Histone H3.1 OS=Mus musculus OX=10090
P47915	9138800	10975000	8804300	7313000	17587	60S ribosomal protein L29 OS=Mus musculus OX=10090 GN=Rpl29
Q3ULL6	998380	1445200	526730	1210100	57066	UPF3 regulator of nonsense transcripts homolog B (yeast)
Q9R0G8	3365600	3520900	1558200	3289300	163647	Nik-related protein kinase OS=Mus musculus OX=10090
P61982		131400	259980		28303	14-3-3 protein gamma OS=Mus musculus OX=10090 GN=Ywhag
P68254		112090		530120	27778	14-3-3 protein theta OS=Mus musculus

Q921F2	1401700	1792900	89347	889510	44548	TAR DNA-binding protein 43 OS=Mus musculus OX=10090 Glycylpeptide N-tetradecanoyltransferase 2 OS=Mus musculus OX=10090 GN=Nmt2 Aldehyde dehydrogenase mitochondrial OS=Mus musculus OX=10090 Testis-expressed protein 10 OS=Mus musculus OX=10090 GN=Tex10 Rab-like protein 6 OS=Mus musculus Receptor of activated protein C kinase 1 OS=Mus musculus Unconventional myosin-Vb OS=Mus musculus OX=10090 GN=Myo5b Protein Red OS=Mus musculus OX=10090 Ras-related protein Rab-1A OS=Mus musculus OX=10090 GN=Rab1A Serpin H1 OS=Mus musculus OX=10090 14-3-3 protein eta OS=Mus musculus Treacle protein OS=Mus musculus OX=10090 Protein phosphatase 1 regulatory subunit 12A OS=Mus musculus Actin-like protein 6A OS=Mus musculus OX=10090 GN=Actl6a H/ACA ribonucleoprotein complex subunit DKC1 Rho guanine nucleotide exchange factor 40 OS=Mus musculus Methionine aminopeptidase 2 OS=Mus musculus DNA topoisomerase 2-alpha OS=Mus musculus OX=10090 GN=Top2a Laminin subunit beta-3 OS=Mus musculus OX=10090 GN=Lamb3 Spectrin beta chain non-erythrocytic 1 OS=Mus musculus OX=10090 Phenylalanine--tRNA ligase alpha subunit OS=Mus musculus 40S ribosomal protein S26 OS=Mus musculus OX=10090 GN=Rps26 Phosphate carrier protein mitochondrial OS=Mus musculus OX=10090
O70311	483030	810780	494160	462210	60484	
P47738	1847700	4584500		1009100	56538	
Q3URQ0	2306600	1791700	1121100	2745800	105209	
Q5U3K5	13447000	1124700	7082500	1928000	79831	
P68040	4513300	4833600	2504400	3691800	35077	
P21271	419820	1761300		2911900	210569	
Q9Z1M8	2991400	3490300	1541400	2190400	65616	
P62821	1066400	1736300	648460	1379200	22678	
P19324	0	1467800			46534	
P68510		749550			28212	
O08784	4859000	2395900	2496000	3682000	135001	
Q9DBR7	2526400	2211800	1461000	3058100	114996	
Q9Z2N8	5458200	443010	4893900	6249200	47448	
Q9ESX5	1324400	3296100	1543700	2415500	57402	
Q3UPH7	789780	457240	160560	621460	165132	
O08663	1001400	409120			52922	
Q01320	825070				172789	
Q61087	1158100	4504700	1692500	1947300	128900	
Q62261	118290	706520	0	0	274221	
Q8C0C7	1795100	2101300	1245500	2185200	57599	
P62855	4763600	2336700	4717300	5233900	13015	
Q8VEM8	3576300	5460000	2640800	5048800	39632	

Q9CPN9			809420		26422	RIKEN cDNA 2210010C04 gene
O08582	771020	1450800		428780	72301	OS=Mus musculus GTP-binding protein 1
Q8VHZ7	1312500	2086200	1716300	1790300	33656	OS=Mus musculus OX=10090 GN=Gtpbp1 U3 small nucleolar ribonucleoprotein protein
Q925I1	673640	997200	801980	445680	66742	IMP4 OS=Mus musculus ATPase family AAA domain-containing protein 3 OS=Mus
Q9DCR2	4133600	3591300	2253500	2119600	21732	AP-3 complex subunit sigma-1 OS=Mus
Q8CI11	1244200	2593600	900650	495380	60787	musculus OX=10090 Guanine nucleotide- binding protein-like 3
Q9WVA3	1902300	1639400	718700	1218200	36955	OS=Mus musculus Mitotic checkpoint protein BUB3 OS=Mus
P06151		3545300			36499	musculus OX=10090 L-lactate dehydrogenase A chain OS=Mus
B2RY53			0		21973	musculus OX=10090 EG620155 protein OS=Mus musculus
P97434	427010	1050900		1561200	116408	Myosin phosphatase Rho-interacting protein
P48193	318160	203700	1038800	3928200	95911	OS=Mus musculus Protein 4.1 OS=Mus
Q9CZN7	3614000	4319700	476160	1106800	55759	musculus OX=10090 Serine hydroxymethyltransferase
Q8VIJ6	294570	1669700		363970	75442	mitochondrial OS=Mus Splicing factor proline- and glutamine-rich
P11214		2177800	1794300	2339600	63097	OS=Mus musculus Tissue-type plasminogen activator OS=Mus
Q8R0W0	2350700	815250		2435200	724747	musculus OX=10090 Epiplakin OS=Mus
P47753	4618300	4513300		4470200	32940	musculus OX=10090 F-actin-capping protein subunit alpha-1 OS=Mus
Q7TNV0	6813600	2699800	5267500	4092700	43159	musculus OX=10090 Protein DEK OS=Mus
P67984	8010600	10288000	7114600	13598000	14759	musculus OX=10090 60S ribosomal protein L22 OS=Mus musculus
Q9Z2T6	1075100				55759	OX=10090 GN=Rpl22 Keratin type II cuticular Hb5 OS=Mus musculus
Q0VBK2	588800	1107700			50661	OX=10090 GN=Krt85 Keratin type II cytoskeletal 80 OS=Mus
Q9D1G1		885660		672240	22187	musculus OX=10090 Ras-related protein Rab- 1B OS=Mus musculus
Q810V0	377890	2137500	1741200	5422400	78735	OX=10090 GN=Rab1b U3 small nucleolar ribonucleoprotein protein
Q8R3H7	2127900	1960300	1098300	2572900	41813	MPP10 OS=Mus musculus OX=10090 Heparan sulfate 2-O- sulfotransferase 1
						OS=Mus musculus

A2BH40	542990	1221800	300010	1784700	242089	AT-rich interactive domain-containing protein 1A OS=Mus SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5 OS=Mus ADP-ribosylation factor 5 OS=Mus musculus OX=10090 GN=Arf5
Q91ZW3	1049300	878480	863590	1511900	121627	ADP-ribosylation factor 3 OS=Mus musculus OX=10090 GN=Arf3
P84084	1418400	1951000	1143400	1716600	20530	ADP-ribosylation factor 1 OS=Mus musculus OX=10090 GN=Arf1
P61205	1418400	1951000	1143400	1716600	20601	Nuclear RNA export factor 1 OS=Mus musculus OX=10090
P84078	1418400	1951000	1143400	1716600	20697	Ras GTPase-activating protein-binding protein 2 OS=Mus musculus
Q99JX7	1090600	1310700	1115000	446950	70300	Eukaryotic translation initiation factor 3 subunit D OS=Mus musculus
P97379	584520	847620	704370	1156200	54088	Alpha-2-macroglobulin-P OS=Mus musculus OX=10090 GN=A2m
O70194	393240	497780	553340	314340	63989	ATP-binding cassette sub-family E member 1 OS=Mus musculus
Q6GQT1	212410		269140		164352	Plasminogen activator inhibitor 1 RNA-binding protein OS=Mus
P61222	1629900	1558600	1026800	1483900	67314	Myosin-8 OS=Mus musculus OX=10090
Q9CY58	6415100	3325000	2233700	2478900	44714	Myosin-4 OS=Mus musculus OX=10090
P13542	688000	639350	51674	785790	222706	MCG140437 isoform CRA_d OS=Mus musculus OX=10090
Q5SX39	688000	639350	51674	785790	222857	Myosin-1 OS=Mus musculus OX=10090
G3UW82	688000	639350	51674	785790	223217	Myosin-3 OS=Mus musculus OX=10090
Q5SX40	688000	639350	51674	785790	223340	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Mus musculus OX=10090
P13541	688000	639350	51674	785790	223789	Mitogen-activated protein kinase kinase kinase 4 OS=Mus
O88569	1146200	1745100	1266900	2526600	37403	Isoleucine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
P97820	1307300	2790800	897840	948280	140602	Fructose-bisphosphate aldolase A OS=Mus musculus OX=10090
Q8BU30	1647200	2983100	807270	1843300	144270	Galectin-9 OS=Mus musculus OX=10090
P05064	174160	3659400			39356	Keratin type I cytoskeletal 27 OS=Mus musculus OX=10090
O08573		2350100	1118300	7973000	40036	
Q9Z320	0			589140	49105	

Q9QZE5	668740	1270400	304090	1087800	97513	Coatomer subunit gamma-1 OS=Mus musculus OX=10090
Q6P1F6	319940	1393400	405520	1406400	51692	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform OS=Mus
Q9CPP0	1702100	2417300	1324600	2026500	19023	Nucleoplasmin-3 OS=Mus musculus
O54781	925710	803880	333370	857600	76757	SRSF protein kinase 2 OS=Mus musculus
Q99LE6	1422100	3129000	180910	2200100	71782	OX=10090 GN=SrpK2 ATP-binding cassette sub-family F member 2 OS=Mus musculus
P40630	1629400	3296900	2012500	3867800	27988	Transcription factor A mitochondrial OS=Mus musculus OX=10090
P09803	1631200	1021100	750830	1560300	98256	Cadherin-1 OS=Mus musculus OX=10090
Q61301	658050	852270		716480	105286	Catenin alpha-2 OS=Mus musculus OX=10090
Q61581	1385900	1255200	0		28969	Insulin-like growth factor-binding protein 7 OS=Mus musculus
P35922	95761	241630	112000	472870	68989	Synaptic functional regulator FMR1 OS=Mus musculus OX=10090
P80318	876600	2482600	716800	2181100	60630	T-complex protein 1 subunit gamma OS=Mus musculus OX=10090
P00688	1252800	2954300	1808300	854620	57318	Pancreatic alpha-amylase OS=Mus musculus
P80315	404060	1194300		426060	58066	OX=10090 GN=Amy2 T-complex protein 1 subunit delta OS=Mus musculus OX=10090
Q3UTJ2	1752100	2745700		829760	132349	Sorbin and SH3 domain-containing protein 2 OS=Mus musculus
Q7TMB8	1282100	2082000	759430	1477600	145241	Cytoplasmic FMR1-interacting protein 1 OS=Mus musculus
Q8BH04	236070	898700	0	529430	70528	Phosphoenolpyruvate carboxykinase [GTP] mitochondrial OS=Mus musculus OX=10090
O54734	1241600	1113800	125880	284430	49028	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48
Q9QYR6			0		300139	Microtubule-associated protein 1A OS=Mus musculus OX=10090
P54823	1846400	1878800	746900	2013100	54192	Probable ATP-dependent RNA helicase DDX6 OS=Mus musculus
Q63918	1501300	2813900	1068100	2099400	46764	Caveolae-associated protein 2 OS=Mus musculus OX=10090
P67778		653250			29820	Prohibitin OS=Mus musculus OX=10090
Q9CWX9	1778400	1190400	204970	619770	50639	Probable ATP-dependent RNA helicase DDX47 OS=Mus musculus

Q9WVA4		2013200		190450	22395	Transgelin-2 OS=Mus musculus OX=10090
Q9D312	344480	333240		287410	49034	Keratin type I cytoskeletal 20 OS=Mus musculus OX=10090
Q9JKC8	1740700	2386700	1039200	1693700	46936	AP-3 complex subunit mu-1 OS=Mus musculus OX=10090 GN=Ap3m1
P70372	1431000	1043700	791550	1393400	36169	ELAV-like protein 1 OS=Mus musculus OX=10090 GN=Elavl1
Q08093	997400	3334700	4377900	3257600	33156	Calponin-2 OS=Mus musculus OX=10090
Q9JF3	972670	463210	317810	2238900	67557	Ribosomal oxygenase 1 OS=Mus musculus OX=10090 GN=Riox1
Q497I4			4121000		50530	Keratin type I cuticular Ha5 OS=Mus musculus OX=10090 GN=Krt35
E9Q264	3031800	2604900	2781500	1833000	221844	Myosin heavy chain 15 OS=Mus musculus OX=10090 GN=Myh15
P08113	1921300	2976100	0	597610	92476	Endoplasmic reticulum protein OS=Mus musculus OX=10090
P63037	3111700	653400	0	2174900	44868	DnaJ homolog subfamily A member 1 OS=Mus musculus OX=10090
A6BLY7		29033	0		50346	Keratin type I cytoskeletal 28 OS=Mus musculus OX=10090
Q8BK67	270260	624480	170700	158300	55983	Protein RCC2 OS=Mus musculus OX=10090
P46935	568030	912850	303160	532850	102706	E3 ubiquitin-protein ligase NEDD4 OS=Mus musculus OX=10090
Q9DCE5	667830	445910	1687100	1165100	42116	p21-activated protein kinase-interacting protein 1 OS=Mus musculus
Q9QY06	1008100	1967000	681650	1381500	238832	Unconventional myosin-IXb OS=Mus musculus OX=10090 GN=Myo9b
Q8CGK3	278490	707750	218720	213320	105843	Lon protease homolog mitochondrial OS=Mus musculus OX=10090
G5E870	195540	495920	215310	329000	224126	E3 ubiquitin-protein ligase TRIP12 OS=Mus musculus OX=10090
P60335	1759100	3076400	1258900	2251200	37498	Poly(rC)-binding protein 1 OS=Mus musculus OX=10090 GN=Pcbp1
Q6A065	785990	430740	152090	692430	175049	Centrosomal protein of 170 kDa OS=Mus musculus OX=10090
Q61495	3908300	1308600	1220200	1630400	114597	Desmoglein-1-alpha OS=Mus musculus OX=10090 GN=Dsg1a
Q7TSF1	3908300	1308600	1220200	1630400	114454	Desmoglein-1-beta OS=Mus musculus
O54825	1174100	809750	419610	894520	49784	Bystin OS=Mus musculus OX=10090
Q99LH1	196200	0	177300	524150	83346	Nucleolar GTP-binding protein 2 OS=Mus musculus OX=10090
B1AZI6	751600	841590	431910	933330	182772	THO complex subunit 2 OS=Mus musculus OX=10090 GN=Thoc2

Q920B9	1985900	4263600	116320	3433500	119825	FACT complex subunit SPT16 OS=Mus musculus OX=10090
Q8CI43	2417500	2291300		2369100	22749	Myosin light chain 6B OS=Mus musculus OX=10090 GN=Myl6b
P07146	928980	2010300		1415900	26204	Anionic trypsin-2 OS=Mus musculus
Q91Z67	181740	1504500	923030	1582400	120798	SLIT-ROBO Rho GTPase-activating protein 2 OS=Mus
Q8VE37	1398100	1748700	645140	244860	44931	Regulator of chromosome condensation OS=Mus
Q99JB8	610940	1487600			48585	Protein kinase C and casein kinase II substrate protein 3 OS=Mus
Q3UEB3	10648000	3577500	71221	4102500	60249	Poly(U)-binding-splicing factor PUF60 OS=Mus musculus OX=10090
P51859	4313300	2888700	1748400	607990	26269	Hepatoma-derived growth factor OS=Mus musculus OX=10090
O54791	2019000	1107200	1306600	780280	16955	Transcription factor MafF OS=Mus musculus OX=10090 GN=Maff
Q9EQ06	214310				32881	Estradiol 17-beta-dehydrogenase 11 OS=Mus musculus
P49718	859690	870720		858610	82407	DNA replication licensing factor MCM5 OS=Mus musculus
Q8BWY3	2471400	2509200	1004100	2080800	49031	Eukaryotic peptide chain release factor subunit 1 OS=Mus musculus
Q8C8U0	1825700	674790	365900	694720	108540	Liprin-beta-1 OS=Mus musculus OX=10090
Q62318	310840	926480	324450	2933500	88847	Transcription intermediary factor 1-beta OS=Mus musculus
Q08288	2713400	2687700	411800	3051000	43736	Cell growth-regulating nucleolar protein OS=Mus musculus
P42932	394180	2260300	79665	0	59556	T-complex protein 1 subunit theta OS=Mus musculus OX=10090
P10833	683100	1213900		1049600	23764	Ras-related protein R-Ras OS=Mus musculus OX=10090 GN=Rras
P56959	1509100	3085400	890460	1463000	52673	RNA-binding protein FUS OS=Mus musculus OX=10090 GN=Fus
Q8VI75	806280	961340	642240	515280	119275	Importin-4 OS=Mus musculus OX=10090
Q6ZPF4	931510	1519300	296550	796880	117169	Formin-like protein 3 OS=Mus musculus OX=10090 GN=Fmn13
A2APV2	931510	1519300	296550	796880	123101	Formin-like protein 2 OS=Mus musculus OX=10090 GN=Fmn12
P02469	563440	922110	166960	712740	197089	Laminin subunit beta-1 OS=Mus musculus OX=10090 GN=Lamb1
Q8R409	537830	1427400	657310	1144000	40243	Protein HEXIM1 OS=Mus musculus

G3UZK1	1159300	1028400	449820	793490	16000	Guanine nucleotide-binding protein subunit gamma OS=Mus musculus OX=10090
A2ALW5	1159300	1028400	449820	793490	41937	DnaJ homolog subfamily C member 25 OS=Mus musculus OX=10090
Q8BMC4		464700		644630	70047	Nucleolar protein 9 OS=Mus musculus MKI67 FHA domain-interacting nucleolar phosphoprotein OS=Mus musculus OX=10090
Q91VE6		2858400		2218900	36265	MCG21910 OS=Mus musculus OX=10090
A2A4X6	216050	0	2002700	2212800	19130	GN=Gm12355 PE=4 Serine/arginine-rich splicing factor 3 OS=Mus musculus OX=10090
P84104	216050	0	2002700	2212800	19330	Annexin A1 OS=Mus musculus OX=10090
P10107		307730		210860	38734	Importin-7 OS=Mus musculus OX=10090
Q9EPL8	189040	494390		192500	119486	Catenin alpha-1 OS=Mus musculus OX=10090
P26231		1365100			100106	Family with sequence similarity 98 member C OS=Mus musculus 26S proteasome regulatory subunit 6A OS=Mus musculus Probable ATP-dependent RNA helicase DDX49 OS=Mus musculus U3 small nucleolar ribonucleoprotein protein IMP3 OS=Mus musculus Protein disulfide-isomerase A6 OS=Mus musculus OX=10090
E9PYD1	292180	216540	620680	143170	37272	AHNAK nucleoprotein (desmoyokin) OS=Mus musculus OX=10090
O88685		882700			49549	Succinate dehydrogenase [ubiquinone] flavoprotein subunit mitochondrial OS=Mus musculus RuvB-like 1 OS=Mus musculus OX=10090
Q4FZF3	146450	176320		125790	54094	U2 small nuclear ribonucleoprotein B" OS=Mus musculus Nuclear mitotic apparatus protein 1 OS=Mus musculus OX=10090
Q921Y2	1759400	1902900	1100900	2863600	21777	High mobility group protein HMG-I/HMG-Y OS=Mus musculus Importin subunit alpha-5 OS=Mus musculus OX=10090 GN=Kpna1
Q922R8	284140	1397100	261240	272040	48100	Protein LLP homolog OS=Mus musculus OX=10090 GN=Llph
E9Q616	3156900	3720600	996150	3188000	604264	
Q8K2B3	267840	543830	183030	423460	72585	
P60122	287550	880650	381690	692940	50214	
Q9CQI7	1019500	1316700	511660	934050	25323	
E9Q7G0		696190	484070	461640	235628	
P17095	10372000	2749900	1991800	3502100	11614	
Q60960		483670	470070	353190	60183	
Q9D945	1754200			2547100	15391	

O08810		1390600		1435300	109361	116 kDa U5 small nuclear ribonucleoprotein component OS=Mus musculus OX=10090
O35218	271140	531390	277890	543490	88383	Cleavage and polyadenylation specificity factor subunit 2 OS=Mus musculus
Q08943	62116	1127500	62637	912750	80860	FACT complex subunit SSRP1 OS=Mus musculus OX=10090
P28656	2774600	3268000		2447600	45345	Nucleosome assembly protein 1-like 1 OS=Mus musculus OX=10090
Q99NB9	0	1814700	0	0	145816	Splicing factor 3B subunit 1 OS=Mus musculus OX=10090
Q01853	141790	2357500	379350		89322	Transitional endoplasmic reticulum ATPase OS=Mus musculus
Q9JHU4	826350	235950	359760	817480	532050	Cytoplasmic dynein 1 heavy chain 1 OS=Mus musculus OX=10090
O35231	0	130400	132020	0	92556	Kinesin-like protein KIFC3 OS=Mus musculus OX=10090
Q8VDJ3	1530900	2434400	902340	1234800	141742	Vigilin OS=Mus musculus OX=10090
P31230	666400	1430600	160710	835800	33997	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1
Q6PDM2	1669200	1365100	1036000	1295500	27745	Serine/arginine-rich splicing factor 1 OS=Mus musculus OX=10090
P24788	352900		109630	335350	91514	Cyclin-dependent kinase 11B OS=Mus musculus OX=10090 GN=Cdk11b
Q8R361	1157600	1219100		849510	69553	Rab11 family-interacting protein 5 OS=Mus musculus OX=10090
Q8BX10	1680300	830830	875330	1476800	31994	Serine/threonine-protein phosphatase PGAM5 mitochondrial OS=Mus musculus OX=10090
P61750		0		0	20397	ADP-ribosylation factor 4 OS=Mus musculus OX=10090 GN=Arf4
Q9DBB4	131950	563750	176080		101284	N-alpha-acetyltransferase 16 NatA auxiliary subunit OS=Mus
Q9QX47	240740	270320	294350	299620	265649	Protein SON OS=Mus musculus OX=10090
O54988	1891800	2398800	987460	1640500	141457	STE20-like serine/threonine-protein kinase OS=Mus
Q8CB77	3201200	2333600	1558800	3112400	87161	Elongin-A OS=Mus musculus OX=10090
Q3UJB0	1628700	1724100	1640500	1330800	98199	Splicing factor 3b subunit 2 OS=Mus musculus OX=10090
P49312	894670	1331300	1237100	1399100	34196	Heterogeneous nuclear ribonucleoprotein A1 OS=Mus musculus OX=10090 GN=Hnnpa1

O89079	887820	1987800	792460	1667800	34567	Coatomer subunit epsilon OS=Mus musculus OX=10090 GN=Cope
Q9DBJ3	564200	324090	660250	281180	57188	Brain-specific angiogenesis inhibitor 1- associated protein 2-like protein 1 OS=Mus
E9Q1F5	907000	827060		1029800	202701	Myosin VC OS=Mus musculus OX=10090
P46662		316440	242950	2975900	69776	Merlin OS=Mus musculus OX=10090
Q8R3N1	1390200	1520400	443240	1764400	98769	Nucleolar protein 14 OS=Mus musculus OX=10090 GN=Nop14
Q8K310	1007100	1791200		948970	94630	Matrin-3 OS=Mus musculus OX=10090
P70168	519850	595010		515940	97184	Importin subunit beta-1 OS=Mus musculus OX=10090 GN=Kpnb1
P08905	2139000	3002200	769450	1525400	16689	Lysozyme C-2 OS=Mus musculus OX=10090
P17897	2139000	3002200	769450	1525400	16794	Lysozyme C-1 OS=Mus musculus OX=10090
Q05895	0				104119	Thrombospondin-3 OS=Mus musculus
Q64285	880200	686910		822480	65813	Bile salt-activated lipase OS=Mus musculus OX=10090 GN=Cel
A0A2I3BRL8			1175100		42179	Predicted gene 7324 OS=Mus musculus OX=10090 GN=Gm7324
Q91VM5			1175100		42162	RNA binding motif protein X-linked-like-1 OS=Mus musculus
Q9WV02			1175100		42301	RNA-binding motif protein X chromosome OS=Mus musculus
Q9D937	1144400			2012000	14099	Uncharacterized protein C11orf98 homolog OS=Mus musculus
A0A087WRC:	1144400			2012000	11508	Predicted gene 49416 OS=Mus musculus OX=10090
P51150	183920	1670700			23490	Ras-related protein Rab- 7a OS=Mus musculus OX=10090 GN=Rab7a
Q8BH59	281790	304790		206430	74570	Calcium-binding mitochondrial carrier protein Aralar1 OS=Mus
Q8BGT7	2601200	2386100	2068700	2470900	26753	Survival of motor neuron-related-splicing factor 30 OS=Mus
Q924W7	984910	1126400	745540	1283900	126861	Suppression of tumorigenicity 5 protein OS=Mus musculus
P13864	249170	696930	201510	676640	183188	DNA (cytosine-5)- methyltransferase 1 OS=Mus musculus
Q60865		792510	2308200	579250	78169	Caprin-1 OS=Mus musculus OX=10090
Q61092		475580	47328	420560	130161	Laminin subunit gamma- 2 OS=Mus musculus OX=10090 GN=Lamc2
Q9R0T7		67859000	1348700	52816000	26274	MCG15085 OS=Mus musculus OX=10090

Q9QUK9		67859000	1348700	52816000	26277	MCG15083 OS=Mus musculus OX=10090
Q8K2C9	169600	299920	125430	666960	43131	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3 OS=Mus
Q9R190	1370000	1055800	436990	1222900	75030	Metastasis-associated protein MTA2 OS=Mus musculus OX=10090
Q91W50	147950	223340			88791	Cold shock domain-containing protein E1 OS=Mus musculus
Q9Z1Q5		3062800			27013	Chloride intracellular channel protein 1 OS=Mus musculus
O09118			480250	117360	67810	Netrin-1 OS=Mus musculus OX=10090
Q61194	1329400	1605900	90089	1189300	190757	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha OS=Mus
Q3UFY8	0	266060	137930	1254800	48386	tRNA methyltransferase 10 homolog C OS=Mus musculus OX=10090
Q8CH25		144700		826380	116920	SAFB-like transcription modulator OS=Mus musculus OX=10090
Q8BGA5	992830	1171600	1121300	1308200	43538	KRR1 small subunit processome component homolog OS=Mus musculus OX=10090
P70279	1159300	1609000	1147000	1722500	41235	Surfeit locus protein 6 OS=Mus musculus OX=10090 GN=Surf6
P09411		5565700			44550	Phosphoglycerate kinase 1 OS=Mus musculus OX=10090 GN=Pgk1
Q62266	1716400	5518000	411680	411720	15765	Cornifin-A OS=Mus musculus OX=10090
Q9CY27		0	104890	669730	36090	Very-long-chain enoyl-CoA reductase OS=Mus musculus OX=10090
Q8CBE3	50261	280690	186000	249680	55046	WD repeat-containing protein 37 OS=Mus musculus OX=10090
Q9QXY1			230730	221640	99324	Tight junction protein ZO-3 OS=Mus musculus OX=10090 GN=Tjp3
Q9ERG0	213720	140640		0	84060	LIM domain and actin-binding protein 1 OS=Mus musculus
Q99KI0		713380			85464	Aconitate hydratase mitochondrial OS=Mus musculus OX=10090
P97376	1770600	1346700	858760	1612400	29127	Protein FRG1 OS=Mus musculus OX=10090
Q6PGH1	453860	229170	197600	0	17000	Protein BUD31 homolog OS=Mus musculus OX=10090 GN=Bud31
O09106	0	638270	278440	962610	55075	Histone deacetylase 1 OS=Mus musculus OX=10090 GN=Hdac1
Q6NZJ6	572690	158690		0	176076	Eukaryotic translation initiation factor 4 gamma 1 OS=Mus musculus

P59999	718340	1240700	102610	273570	19667	Actin-related protein 2/3 complex subunit 4 OS=Mus musculus
Q9CY50	697150	801450	387080	1020200	32065	Translocon-associated protein subunit alpha OS=Mus musculus
P53569	678400	857480	173070	964020	120262	CCAAT/enhancer-binding protein zeta OS=Mus musculus
Q9CYH6	906140	878960	689950	828780	41552	Ribosome biogenesis regulatory protein homolog OS=Mus
Q8VI84		100520	382140	0	93211	Nucleolar complex protein 3 homolog OS=Mus musculus
Q9DBD5	0	133910		113170	118069	Proline- glutamic acid- and leucine-rich protein 1 OS=Mus musculus
Q8BSY0	349750	650660	109520		83042	Aspartyl/asparaginyl beta-hydroxylase OS=Mus musculus
P63038		581430	278220	341200	60956	60 kDa heat shock protein mitochondrial OS=Mus musculus
Q60668	142740	237570	1013000		38354	Heterogeneous nuclear ribonucleoprotein D0 OS=Mus musculus
Q9Z130	142740	237570	0		33559	OX=10090 GN=Hnrnpd Heterogeneous nuclear ribonucleoprotein D-like OS=Mus musculus
A2AMD0		143670		81999	28466	OX=10090 GN=Hnrnpdl Predicted gene 12666 (Fragment) OS=Mus musculus
Q05CL8		143670		81999	64802	OX=10090 La-related protein 7 OS=Mus musculus
P14824		261480			75885	Annexin A6 OS=Mus musculus
Q99MJ9		147190	104490	149770	82176	OX=10090 ATP-dependent RNA helicase DDX50 OS=Mus musculus
Q61545	499380	817060			68462	RNA-binding protein EWS OS=Mus musculus
Q61771				924280	85288	OX=10090 GN=Ewsr1 Kinesin-like protein KIF3B OS=Mus musculus
O35066				924280	89973	OX=10090 Kinesin-like protein KIF3C OS=Mus musculus
P97855	0	0	39767		51829	OX=10090 Ras GTPase-activating protein-binding protein 1 OS=Mus musculus
B2RS76		601230		109080	47574	Carboxypeptidase B1 (Tissue) isoform CRA_b OS=Mus musculus
Q8VEH6		241130	393870	504080	43772	COBW domain-containing protein 1 OS=Mus musculus
P56960	0	929880	420160		100942	Exosome component 10 OS=Mus musculus
Q8CHW4	1470900	1066700		992540	80086	OX=10090 GN=Exosc10 Translation initiation factor eIF-2B subunit epsilon OS=Mus

Q9D154		957210	441680	165790	42575	Leukocyte elastase inhibitor A OS=Mus musculus OX=10090
P63158	620820		324720	401510	24894	High mobility group protein B1 OS=Mus musculus OX=10090
Q5BLK4	375680	466600		0	169102	Terminal uridylyltransferase 7 OS=Mus musculus
Q99JR5	836320	331420		239590	52665	Tubulointerstitial nephritis antigen-like OS=Mus musculus
Q505F5		581090		265610	63590	Leucine-rich repeat-containing protein 47 OS=Mus musculus
Q80XC3		120800		192180	93574	USP6 N-terminal-like protein OS=Mus musculus OX=10090
Q9WUM4	1016700	1384900	524150	1409700	53121	Coronin-1C OS=Mus musculus OX=10090
Q9EQI8	448940	1013900		1776000	32132	39S ribosomal protein L46 mitochondrial OS=Mus musculus
Q9CR02	1530400	1581300	1123700	2182600	25782	Translation machinery-associated protein 16 OS=Mus musculus
Q9JKX4	582490	1244000	420630	1691600	59482	Protein AATF OS=Mus musculus OX=10090
Q61838				0	165852	Pregnancy zone protein OS=Mus musculus OX=10090 GN=Pzp
Q9DC71		274400	216250	347740	29464	28S ribosomal protein S15 mitochondrial OS=Mus musculus
Q9JMB0	511230	390050	341400	461370	41763	G kinase-anchoring protein 1 OS=Mus musculus OX=10090
Q9D883	626220	997580		1126800	27815	Splicing factor U2AF 35 kDa subunit OS=Mus musculus OX=10090
Q8BGJ9	626220	997580		1126800	25836	Splicing factor U2AF 26 kDa subunit OS=Mus musculus OX=10090
P56183	904270	0		1054700	54777	Ribosomal RNA processing protein 1 homolog A OS=Mus
Q8C4J7	0			91881	88266	Transducin beta-like protein 3 OS=Mus musculus OX=10090
Q8JZU2	1172000	1433300	597740	1275400	33932	Tricarboxylate transport protein mitochondrial OS=Mus musculus
Q9WVR4	862980		0		73743	Fragile X mental retardation syndrome-related protein 2
Q80X98	168750	153850	113550	196030	140622	DEAH (Asp-Glu-Ala-His) box polypeptide 38 OS=Mus musculus
Q922H9	1229100	623560	655520	740610	35608	Zinc finger protein 330 OS=Mus musculus OX=10090 GN=Znf330
P23116	594860	1743100	260090	668460	161936	Eukaryotic translation initiation factor 3 subunit A OS=Mus musculus

Q9Z110		0			87266	Delta-1-pyrroline-5-carboxylate synthase OS=Mus musculus
O88967		1242200			80028	ATP-dependent zinc metalloprotease YME1L1 OS=Mus
Q8R081		673250	721500	702340	63964	Heterogeneous nuclear ribonucleoprotein L OS=Mus musculus
Q91VH2	267590	416930	306180	358720	66546	Sorting nexin-9 OS=Mus musculus OX=10090
Q8R1B4	196610	915160		0	105531	Eukaryotic translation initiation factor 3 subunit C OS=Mus musculus
Q5RJG1	259500			466600	80077	Nucleolar protein 10 OS=Mus musculus
Q921I9	1308200	1572200	846960	1324400	26250	OX=10090 GN=Nol10 Exosome complex component RRP41 OS=Mus musculus
P54071	0	1077200			50906	Isocitrate dehydrogenase [NADP] mitochondrial OS=Mus musculus
O08992	191290	282920	88740	386890	32379	Syntenin-1 OS=Mus musculus OX=10090
P09602			2204100	1452500	9423	Non-histone chromosomal protein HMG-17 OS=Mus
Q9DBJ1	56777	416670			28832	Phosphoglycerate mutase 1 OS=Mus musculus
Q9Z2Q5	264170	2652300	1924200	2952700	24301	OX=10090 GN=Pgam1 39S ribosomal protein L40 mitochondrial OS=Mus musculus
Q9QXB9	338430	612760	323090	580310	40718	Developmentally- regulated GTP-binding protein 2 OS=Mus
P54103	121640	178830	124700	159280	71722	DnaJ homolog subfamily C member 2 OS=Mus musculus OX=10090
Q61753		1236600	545090	0	56586	D-3-phosphoglycerate dehydrogenase OS=Mus musculus OX=10090
Q6A0A9	204480	492740	292600	206080	121646	Constitutive coactivator of PPAR-gamma-like protein 1 OS=Mus musculus OX=10090
Q8BML9	0	0		381640	87677	Glutamine--tRNA ligase OS=Mus musculus
Q8K1E0	239410	265930	123110		39713	OX=10090 GN=Qars Syntaxin-5 OS=Mus musculus OX=10090
Q80XP8	856850	816030	479880	975430	38556	Protein FAM76B OS=Mus musculus
Q91YK2		561970		1440800	80582	Ribosomal RNA processing protein 1 homolog B OS=Mus
Q923D5	1198500	0			69875	WW domain-binding protein 11 OS=Mus musculus OX=10090
Q8BMJ2		1295900			134192	Leucine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
Q8C092	672260			363700	87045	Transcription initiation factor TFIID subunit 5 OS=Mus musculus

Q61166		970140			30016	Microtubule-associated protein RP/EB family member 1 OS=Mus
Q9DB96	1479100			139770	35659	Neuroguidin OS=Mus musculus OX=10090
Q61792	1979600	1845900	1107200	1828900	29994	LIM and SH3 domain protein 1 OS=Mus musculus OX=10090
Q8BUN5	1210400		462430		48081	Mothers against decapentaplegic homolog 3 OS=Mus musculus
O35613			354280	859020	81489	Death domain-associated protein 6 OS=Mus musculus OX=10090
P48678	742480	352290		0	74238	Prelamin-A/C OS=Mus musculus OX=10090
Q8BK35			197710	231860	55793	Ribosome biogenesis protein NOP53 OS=Mus musculus OX=10090
Q91YR7		288650		0	106722	Pre-mRNA-processing factor 6 OS=Mus musculus OX=10090
P26638	243480	463250	147880	115030	58389	Serine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
Q9Z0H3		3735700	2831000	765100	44141	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1 OS=Mus
Q9DCH4	246920	231620		245700	37984	Eukaryotic translation initiation factor 3 subunit F OS=Mus musculus
Q9D0D4	473360	240880		223410	35274	Probable dimethyladenosine transferase OS=Mus
Q99LC3	117480	224320		175100	40603	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10 mitochondrial OS=Mus
Q9JKR6	289140	1027500	172850	283050	111181	Hypoxia up-regulated protein 1 OS=Mus musculus OX=10090
Q9D1R9	1795100	3633100	1882200	2193900	13293	60S ribosomal protein L34 OS=Mus musculus OX=10090 GN=Rpl34
P23927		412060		989570	20069	Alpha-crystallin B chain OS=Mus musculus OX=10090 GN=Cryab
Q68FL6	1692000	1862900	1047900	0	101431	Methionine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
A2AJI0	941850	1694900	782980	718760	93276	MAP7 domain-containing protein 1 OS=Mus musculus
Q8R5C5		315610		445140	42281	Beta-centractin OS=Mus musculus OX=10090
P61164		315610		445140	42614	Alpha-centractin OS=Mus musculus
Q8CFI7	177120	185180		1199100	133910	DNA-directed RNA polymerase II subunit RPB2 OS=Mus musculus
Q60973				400860	47790	Histone-binding protein RBBP7 OS=Mus musculus OX=10090

Q9WTM5	162570	769380	122940	320180	51113	RuvB-like 2 OS=Mus musculus OX=10090
A8DUK4	832300	1511900	905080	1012800	15748	Beta-globin OS=Mus musculus OX=10090
P02089	832300	1511900	905080	1012800	15878	Hemoglobin subunit beta-2 OS=Mus musculus OX=10090
P02088	832300	1511900	905080	1012800	15840	Hemoglobin subunit beta-1 OS=Mus musculus OX=10090
P02104	832300	1511900	905080	1012800	16137	Hemoglobin subunit epsilon-Y2 OS=Mus musculus OX=10090
Q3TJZ6	841510	1444600	380710		55055	Protein FAM98A OS=Mus musculus
Q05512	135080		757560		86306	Serine/threonine-protein kinase MARK2 OS=Mus musculus OX=10090
Q60760	111750	155690	116820	170670	70585	Growth factor receptor-bound protein 10 OS=Mus musculus
Q3TXS7		64877			105730	26S proteasome non-ATPase regulatory subunit 1 OS=Mus
Q9JM76	91557	212060			20525	Actin-related protein 2/3 complex subunit 3 OS=Mus musculus
Q3THS6	1028200	1129800			43689	S-adenosylmethionine synthase isoform type-2 OS=Mus musculus
P54869		858030			56823	Hydroxymethylglutaryl-CoA synthase mitochondrial OS=Mus
P12382			0	328130	85360	ATP-dependent 6-phosphofructokinase liver type OS=Mus
Q8BU14	591800	2182300	421550	1335700	45581	Translocation protein SEC62 OS=Mus musculus OX=10090
O35658		272030			31013	Complement component 1 Q subcomponent-binding protein mitochondrial OS=Mus
Q9CYX7	1526900	1240000	982390	1241100	31058	RRP15-like protein OS=Mus musculus
P59325	125890	288840	111790	174190	48968	Eukaryotic translation initiation factor 5 OS=Mus musculus
Q9CXY6	276760	1863900	415440	539390	43062	Interleukin enhancer-binding factor 2 OS=Mus musculus OX=10090
Q99KV1	3050200	2131000	1434200	1808600	40555	DnaJ homolog subfamily B member 11 OS=Mus musculus OX=10090
Q9CY21	2081100	1607000	713350	2386400	31587	Probable 18S rRNA (guanine-N(7))-methyltransferase
O54785	607850	566520	346640	370320	72202	LIM domain kinase 2 OS=Mus musculus OX=10090
Q8CD10	1144000		727920	1555300	49476	GN=Limk2 Calcium uptake protein 2 mitochondrial OS=Mus musculus OX=10090
Q4VA53	162750				164418	Sister chromatid cohesion protein PDS5 homolog B OS=Mus

Q62074		1093400		1177600	68204	Protein kinase C iota type OS=Mus musculus OX=10090 GN=Prkci
Q4VBE8	324180	182560	68368	0	47211	WD repeat-containing protein 18 OS=Mus musculus OX=10090
Q09200				0	59212	Beta-1 4 N- acetylgalactosaminyltrans ferase 1 OS=Mus musculus OX=10090
Q6NS46		196400		105510	207777	Protein RRP5 homolog OS=Mus musculus OX=10090 GN=Pdc11
P68181	219660	269500			40708	cAMP-dependent protein kinase catalytic subunit beta OS=Mus musculus OX=10090 GN=Prkacb
Q9JIF7	26888			137310	107066	Coatomer subunit beta OS=Mus musculus OX=10090 GN=Copb1
Q9D0D5	187970				49593	General transcription factor IIE subunit 1 OS=Mus musculus
P02468	703180	792440	383050	718880	177298	Laminin subunit gamma- 1 OS=Mus musculus OX=10090 GN=Lamc1
P63242	0	611320	0		16832	Eukaryotic translation initiation factor 5A-1 OS=Mus musculus
Q8BG17			378660	767190	25356	Nucleolar protein 12 OS=Mus musculus OX=10090 GN=Nol12
Q9D0M3	596100	921690		277810	35328	Cytochrome c1 heme protein mitochondrial OS=Mus musculus
P70336		240880	113010	251420	160585	Rho-associated protein kinase 2 OS=Mus musculus OX=10090
Q9WU56	2050400	1895700	1403100	1664300	47502	tRNA pseudouridine synthase A OS=Mus musculus OX=10090
P35601	175370	280020		151310	125985	Replication factor C subunit 1 OS=Mus musculus OX=10090
Q6PGF5	261480		99904		145413	BMS1 homolog ribosome assembly protein (Yeast) OS=Mus
P63330			0		35608	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform OS=Mus musculus
P62715			0		35575	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform OS=Mus musculus
P17751	2459900	363310		483750	32192	Triosephosphate isomerase OS=Mus musculus OX=10090
Q91VN6	790510	735520	482230	834800	69820	Probable ATP-dependent RNA helicase DDX41 OS=Mus musculus
P70412		253840		0	68082	CUB and zona pellucida- like domain-containing protein 1 OS=Mus

P62492		270080			24394	Ras-related protein Rab-11A OS=Mus musculus OX=10090 GN=Rab11a
P46638		270080			24489	Ras-related protein Rab-11B OS=Mus musculus OX=10090 GN=Rab11b
P28741	243700	280270			80170	Kinesin-like protein KIF3A OS=Mus musculus OX=10090
Q07235	416290			145200	44207	Glia-derived nexin OS=Mus musculus
Q01730			0	1697500	31550	Ras suppressor protein 1 OS=Mus musculus OX=10090 GN=Rsu1
P42125	158360			222940	32250	Enoyl-CoA delta isomerase 1 mitochondrial OS=Mus
Q9ESL4		134330			91720	Mitogen-activated protein kinase kinase kinase 20 OS=Mus
Q6PAC3	680710			682960	51456	DDB1- and CUL4-associated factor 13 OS=Mus musculus
Q9D0R4	410990	1290300		1309200	61212	Probable ATP-dependent RNA helicase DDX56 OS=Mus musculus
Q8VCX5		838340		926770	54353	Calcium uptake protein 1 mitochondrial OS=Mus musculus OX=10090
Q9CR67	958980	857580	460790	1209400	28031	Transmembrane protein 33 OS=Mus musculus OX=10090 GN=Tmem33
Q99K30		42142			82229	Epidermal growth factor receptor kinase substrate 8-like protein 2 OS=Mus musculus OX=10090
P53994		177700			23548	Ras-related protein Rab-2A OS=Mus musculus OX=10090 GN=Rab2a
P59279		177700			24198	Ras-related protein Rab-2B OS=Mus musculus OX=10090 GN=Rab2b
Q8C854		723960			63295	Myelin expression factor 2 OS=Mus musculus OX=10090 GN=Myef2
P43883		2420500	826850	1367200	46646	Perilipin-2 OS=Mus musculus OX=10090
O35343	599760	606830	480650		57923	Importin subunit alpha-3 OS=Mus musculus OX=10090 GN=Kpna4
Q64331	656310			859880	146409	Unconventional myosin-VI OS=Mus musculus OX=10090 GN=Myo6
Q8JZW4	124300	0	0		65592	Copine-5 OS=Mus musculus OX=10090
Q8BT60	124300	0	0		59585	Copine-3 OS=Mus musculus OX=10090
P59108	124300	0	0		61036	Copine-2 OS=Mus musculus OX=10090
Q1RLL3	124300	0	0		61852	Copine-9 OS=Mus musculus OX=10090
Q8BLR2	124300	0	0		62408	Copine-4 OS=Mus musculus OX=10090
Q9Z140	124300	0	0		61781	Copine-6 OS=Mus musculus OX=10090

Q0VE82	124300	0	0	61891	Copine-7 OS=Mus musculus OX=10090	
Q9DC53	124300	0	0	64667	Copine-8 OS=Mus musculus OX=10090	
Q921X9		1328900	447760	573080	59267	Protein disulfide-isomerase A5 OS=Mus musculus OX=10090
Q8K4L0	110220				97748	ATP-dependent RNA helicase DDX54 OS=Mus musculus
E9Q8D0	331310			289080	61735	DnaJ homolog subfamily C member 21 OS=Mus musculus OX=10090
Q61584			320490	472570	76222	Fragile X mental retardation syndrome-related protein 1
Q62186		767070			18937	Translocon-associated protein subunit delta OS=Mus musculus
Q9Z0H1		109790	237980	896140	69048	WD repeat-containing protein 46 OS=Mus musculus OX=10090
Q920Q6		0			36939	RNA-binding protein Musashi homolog 2 OS=Mus musculus
Q5SSK3	152790			277580	41874	Transcription elongation factor mitochondrial OS=Mus musculus
G3UYQ4	931120	996950	699690	702250	219532	Adenylate kinase 9 OS=Mus musculus
A0A1B0GRV	931120	996950	699690	702250	24262	Predicted gene 17949 OS=Mus musculus OX=10090
Q9WTP6	931120	996950	699690	702250	26469	Adenylate kinase 2 mitochondrial OS=Mus musculus OX=10090
Q8CGC6	274070	263880		176530	84214	RNA-binding protein 28 OS=Mus musculus OX=10090 GN=Rbm28
Q9DBN5		0			94526	Lon protease homolog 2 peroxisomal OS=Mus musculus OX=10090
P70188		784760			91291	Kinesin-associated protein 3 OS=Mus musculus OX=10090
Q9CZX0	275880	376660	196570	280410	62385	Elongator complex protein 3 OS=Mus musculus OX=10090
P58468		207390			24814	Protein FAM207A OS=Mus musculus
Q8VDN2		1065300			112982	Sodium/potassium-transporting ATPase subunit alpha-1 OS=Mus
Q6PIE5		1065300			112217	Sodium/potassium-transporting ATPase subunit alpha-2 OS=Mus
Q6PIC6		1065300			111691	Sodium/potassium-transporting ATPase subunit alpha-3 OS=Mus
Q61316		603270			94133	Heat shock 70 kDa protein 4 OS=Mus musculus OX=10090
P37040	290420			432850	77044	NADPH--cytochrome P450 reductase OS=Mus musculus OX=10090

Q8VEJ9	0	346260		291140	48907	Vacuolar protein sorting-associated protein 4A OS=Mus musculus
P46467	0	346260		291140	49419	Vacuolar protein sorting-associated protein 4B OS=Mus musculus
Q8BPY9	0	346260		291140	74851	Fidgetin-like protein 1 OS=Mus musculus OX=10090 GN=Figl1
P08775		458200		582010	217174	DNA-directed RNA polymerase II subunit RPB1 OS=Mus musculus
Q8BJL1	147930			0	82688	F-box only protein 30 OS=Mus musculus OX=10090 GN=Fbxo30
P25206	249730	235180	166110	217980	91546	DNA replication licensing factor MCM3 OS=Mus musculus
Q9CRB2	1365400		893190	1672300	17247	H/ACA ribonucleoprotein complex subunit 2
Q9CZD3		416110	182530		81878	Glycine--tRNA ligase OS=Mus musculus OX=10090 GN=Gars
Q8B XK8		814890		824240	94411	Arf-GAP with GTPase ANK repeat and PH domain-containing protein 1 OS=Mus
Q8VHH5		814890		824240	97965	Arf-GAP with GTPase ANK repeat and PH domain-containing protein 3 OS=Mus
P08752	546580				40489	Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Mus musculus OX=10090
B2RSH2	546580				40361	Guanine nucleotide-binding protein G(i) subunit alpha-1 OS=Mus musculus OX=10090
Q3V3I2	546580				40316	Guanine nucleotide-binding protein G(t) subunit alpha-3 OS=Mus musculus OX=10090
Q6R0H7	546580				121505	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas OS=Mus musculus
P18872	546580				40085	Guanine nucleotide-binding protein G(o) subunit alpha OS=Mus
P50149	546580				40118	Guanine nucleotide-binding protein G(t) subunit alpha-2 OS=Mus musculus OX=10090
P27601	546580				44055	Guanine nucleotide-binding protein subunit alpha-13 OS=Mus
P27600	546580				44095	Guanine nucleotide-binding protein subunit alpha-12 OS=Mus
Q9DC51	546580				40538	Guanine nucleotide-binding protein G(i) subunit alpha OS=Mus

Q8CGK7	546580				44309	Guanine nucleotide-binding protein G(olf) subunit alpha OS=Mus musculus OX=10090
P20612	546580				39967	Guanine nucleotide-binding protein G(t) subunit alpha-1 OS=Mus musculus OX=10090
Q9Z2Q2	1573300		745100		53846	Lysine-rich nucleolar protein 1 OS=Mus musculus OX=10090
Q8BGX0		80212			63931	E3 ubiquitin-protein ligase TRIM23 OS=Mus musculus OX=10090
P62331		80212			20082	ADP-ribosylation factor 6 OS=Mus musculus OX=10090 GN=Arf6
Q99MN1	44796	168300	75029	0	67840	Lysine--tRNA ligase OS=Mus musculus OX=10090 GN=Kars
Q6P8K8	0			233870	47339	Carboxypeptidase A4 OS=Mus musculus OX=10090 GN=Cpa4
Q8BU03	370330			484870	102910	Periodic tryptophan protein 2 homolog OS=Mus musculus
Q8K4L3				405810	243159	Supervillin OS=Mus musculus OX=10090
Q61024	119530	279070			64283	Asparagine synthetase [glutamine-hydrolyzing] OS=Mus musculus
Q9QXK7		211520	42924		77505	Cleavage and polyadenylation specificity factor subunit 3 OS=Mus musculus
Q5U4D9		554070	299550	563520	37315	THO complex subunit 6 homolog OS=Mus musculus OX=10090
Q9WTX2	654990			881580	34371	Interferon-inducible double-stranded RNA-dependent protein kinase activator A OS=Mus
Q8BJW6	1485900	1168000		793650	64403	Eukaryotic translation initiation factor 2A OS=Mus musculus
P17742		0			17971	Peptidyl-prolyl cis-trans isomerase A OS=Mus musculus OX=10090
V9GX31		0			8561	Peptidyl-prolyl cis-trans isomerase OS=Mus musculus OX=10090
Q70FJ1	87369	216740			436231	A-kinase anchor protein 9 OS=Mus musculus OX=10090 GN=Akap9
Q9CWX4		339410		544520	42407	Mitochondrial RNA pseudouridine synthase Rpusd4 OS=Mus
Q9CPR1		404110			21138	RWD domain-containing protein 4 OS=Mus musculus OX=10090
Q9CY66				242140	23474	H/ACA ribonucleoprotein complex subunit 1
Q9JJW6			388040		23730	Aly/REF export factor 2 OS=Mus musculus OX=10090 GN=Alyref2

O08583			388040	26940	THO complex subunit 4 OS=Mus musculus OX=10090 GN=Alyref
Q9CR26	239050	354900		33913	Vacuolar protein sorting- associated protein VTA1 homolog OS=Mus musculus OX=10090
E9QAE1	9284500	8179900		209076	NCK-associated protein 5 OS=Mus musculus OX=10090 GN=Nckap5
Q923G2			214900	17143	DNA-directed RNA polymerases I II and III subunit RPABC3 OS=Mus musculus
Q8BTU1	1231400		1877300	22748	Cilia- and flagella- associated protein 20 OS=Mus musculus
P47758	0			29579	Signal recognition particle receptor subunit beta OS=Mus musculus
E9Q035	0			107796	Predicted gene 20425 OS=Mus musculus OX=10090
Q8VD00		1401500	865680	20811	Sigma intracellular receptor 2 OS=Mus musculus OX=10090
Q60520	82856	118240		145088	Paired amphipathic helix protein Sin3a OS=Mus musculus OX=10090
O54879	1094700	723620		23010	High mobility group protein B3 OS=Mus musculus OX=10090
Q921M4	140130	236910	0	113278	Golgin subfamily A member 2 OS=Mus musculus OX=10090
Q9JJ89			631960	46487	Coiled-coil domain- containing protein 86 OS=Mus musculus
O55143		556880	260250	114858	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 OS=Mus
Q5PR73	5311500	4837300	4467800	5175300	GTP-binding protein Di- Ras2 OS=Mus musculus OX=10090 GN=Diras2
Q80U49	128000	0		170820	Centrosomal protein of 170 kDa protein B OS=Mus musculus
P51432		0		139487	1-phosphatidylinositol 4 5-bisphosphate phosphodiesterase beta-3 OS=Mus musculus
Q9JHI7	522560	256650	319270	459270	Exosome complex component RRP45 OS=Mus musculus
O08756		639410	35355	27419	3-hydroxyacyl-CoA dehydrogenase type-2 OS=Mus musculus
D3Z0M9	158200			95495	DEAD (Asp-Glu-Ala- Asp) box polypeptide 23 OS=Mus musculus
Q8CAQ8	163310			83900	MICOS complex subunit Mic60 OS=Mus musculus OX=10090
O08709		136850		24871	Peroxiredoxin-6 OS=Mus musculus

Q9DC28	486270	951430		609290	47316	Casein kinase I isoform delta OS=Mus musculus OX=10090 GN=Csnk1d
Q9JMK2	486270	951430		609290	47322	Casein kinase I isoform epsilon OS=Mus musculus OX=10090
Q8BTW3		314530			28370	Exosome complex component MTR3 OS=Mus musculus
Q91WQ3	398350	363180		0	59105	Tyrosine--tRNA ligase cytoplasmic OS=Mus musculus OX=10090
Q99LC8	519280			415020	33816	Translation initiation factor eIF-2B subunit alpha OS=Mus musculus
Q99LH2	356320			287660	55604	Phosphatidylserine synthase 1 OS=Mus musculus OX=10090
A2BGJ5	506750	505540		736020	41346	Zinc finger MYND domain-containing 12 OS=Mus musculus
Q8R5K4	686330	1014200		1017000	129228	Nucleolar protein 6 OS=Mus musculus
Q8BG32		280040			47437	26S proteasome non-ATPase regulatory subunit 11 OS=Mus
Q8C3X8	0	161220	0		79997	Lipase maturation factor 2 OS=Mus musculus OX=10090 GN=Lmf2
Q9DBG6		2036000			69063	Dolichyl-diphosphooligosaccharid e--protein glycosyltransferase
Q8R010	146060	489510			35378	Aminoacyl tRNA synthase complex-interacting
Q91V92		0			119728	multifunctional protein 2 ATP-citrate synthase OS=Mus musculus OX=10090 GN=Acly
Q9QXS6				166790	77287	Drebrin OS=Mus musculus OX=10090
Q9DC69		125660			42525	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9 mitochondrial OS=Mus
Q61187	181960	0	94504		44124	Tumor susceptibility gene 101 protein OS=Mus musculus tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit
Q80XC2		384750			31639	TRMT61A OS=Mus
O88665			487420	906450	74000	Bromodomain-containing protein 7 OS=Mus musculus OX=10090
Q91YU8		511160			52756	Suppressor of SWI4 1 homolog OS=Mus musculus OX=10090
Q8VCC9		1091500	259960	297810	90821	Spondin-1 OS=Mus musculus OX=10090
Q9JLF6	0				89826	Protein-glutamine gamma-glutamyltransferase K OS=Mus musculus

Q9DCA5		409800		41241	Ribosome biogenesis protein BRX1 homolog OS=Mus musculus
P00405		0		25976	Cytochrome c oxidase subunit 2 OS=Mus musculus OX=10090
Q91X79		648660	529040	28901	Chymotrypsin-like elastase family member 1 OS=Mus musculus
P47856			204420	78539	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1 OS=Mus
P12367		0		45389	cAMP-dependent protein kinase type II-alpha regulatory subunit OS=Mus musculus
E9Q7E2			0	195987	AT-rich interactive domain-containing protein 2 OS=Mus
Q9CRA8			1059100	25194	Exosome complex component RRP46 OS=Mus musculus
Q8K202			280140	54034	DNA-directed RNA polymerase I subunit RPA49 OS=Mus
Q791V5		80491		33499	Mitochondrial carrier homolog 2 OS=Mus musculus OX=10090
Q5XG71	0			317744	Small subunit processome component 20 homolog OS=Mus
P62245	321070	130560	356870	14840	40S ribosomal protein S15a OS=Mus musculus OX=10090 GN=Rps15a
Q8R3L2	970480		758590	76685	Transcription factor 25 OS=Mus musculus OX=10090 GN=Tcf25
Q8BW10		0		45464	RNA-binding protein NOB1 OS=Mus musculus OX=10090
G3XA57	241530			58207	Rab11 family-interacting protein 2 OS=Mus musculus OX=10090
Q9D620	241530			70684	Rab11 family-interacting protein 1 OS=Mus musculus OX=10090
Q8CHP5			348570	22690	Partner of Y14 and mago OS=Mus musculus OX=10090 GN=Pym1
Q9D6X6	647850		331210	43072	Serine protease 23 OS=Mus musculus
Q61171		256330		21779	Peroxiredoxin-2 OS=Mus musculus
P61965		1101900	200210	36589	WD repeat-containing protein 5 OS=Mus musculus OX=10090
E9Q6A2		2007600		44193	Serpin peptidase inhibitor clade E (nexin plasminogen activator inhibitor type 1) member
Q922Q4		123400	98036	33659	Pyrroline-5-carboxylate reductase 2 OS=Mus musculus OX=10090

Q9CZI9	353880			37309	Apoptosis-enhancing nuclease OS=Mus musculus OX=10090
P80316		534140		59624	T-complex protein 1 subunit epsilon OS=Mus musculus OX=10090
Q792Y8	464860			26119	MCG15081 OS=Mus musculus OX=10090
Q792Z0	464860			26184	GN=Gm10334 PE=3 Protease serine 3 OS=Mus musculus
Q07417	333470	484790	221200	44890	Short-chain specific acyl- CoA dehydrogenase mitochondrial OS=Mus musculus OX=10090
O88543	106360	134850		47832	COP9 signalosome complex subunit 3 OS=Mus musculus
P62334	380430	848020		44173	26S proteasome regulatory subunit 10B OS=Mus musculus
Q9ER67	0	0		65401	Maged2 protein OS=Mus musculus OX=10090
Q7TT50			0	194751	Serine/threonine-protein kinase MRCK beta OS=Mus musculus
Q61191		446610	121130	210435	Host cell factor 1 OS=Mus musculus
Q8BHF7		103360	0	62489	CDP-diacylglycerol-- glycerol-3-phosphate 3- phosphatidyltransferase mitochondrial OS=Mus
Q9D0D3		0		65229	Poly(A) RNA polymerase mitochondrial OS=Mus musculus OX=10090
Q8K4G5	337500	420180	512010	96805	Actin-binding LIM protein 1 OS=Mus musculus OX=10090
P28301	1022100	730510	391370	46701	Protein-lysine 6-oxidase OS=Mus musculus OX=10090 GN=Lox
Q80UZ2	0			79559	Protein SDA1 homolog OS=Mus musculus OX=10090 GN=Sdad1
Q8BTH8	111480	217700	171260	52744	Casein kinase I isoform gamma-1 OS=Mus musculus OX=10090
Q7TT37		125510		149583	Elongator complex protein 1 OS=Mus musculus OX=10090
O55222	691710	417780		51373	Integrin-linked protein kinase OS=Mus musculus OX=10090
Q8C181		0		40156	Muscleblind-like protein 2 OS=Mus musculus OX=10090 GN=Mbnl2
A2AGT5	150980			225633	Cytoskeleton-associated protein 5 OS=Mus musculus OX=10090
Q6PB66		83474		156614	Leucine-rich PPR motif- containing protein mitochondrial OS=Mus musculus OX=10090

P97857	92850			105801	A disintegrin and metalloproteinase with thrombospondin motifs 1 OS=Mus musculus
B9EJ86	60981			101269	Oxysterol-binding protein-related protein 8 OS=Mus musculus
Q8CHY6	242010			67334	Transcriptional repressor p66 alpha OS=Mus musculus OX=10090
O88986		975420		44931	2-amino-3-ketobutyrate coenzyme A ligase mitochondrial OS=Mus musculus OX=10090
Q62181		126320		85289	Semaphorin-3C OS=Mus musculus OX=10090
P49135		54516		89127	General transcription and DNA repair factor IIH helicase subunit XPB OS=Mus musculus
Q9DCN2		221920		34128	NADH-cytochrome b5 reductase 3 OS=Mus musculus OX=10090
Q9D4J7		164040		41139	PHD finger protein 6 OS=Mus musculus OX=10090 GN=Phf6
Q6ZQ38		111900	191210	136331	Cullin-associated NEDD8-dissociated protein 1 OS=Mus Processing of 1
Q8K205		235330		117367	ribonuclease P/MRP family (S. cerevisiae) OS=Mus musculus
A6H687	692690	663280		46384	SAC3 domain-containing protein 1 OS=Mus musculus OX=10090
P19221		271530		70269	Prothrombin OS=Mus musculus OX=10090
P63001	738050	481430		21450	Ras-related C3 botulinum toxin substrate 1 OS=Mus musculus
P60764	412590	481430		21379	Ras-related C3 botulinum toxin substrate 3 OS=Mus musculus
Q05144	412590	481430		21441	Ras-related C3 botulinum toxin substrate 2 OS=Mus musculus
Q9Z1X4		304300		96021	Interleukin enhancer-binding factor 3 OS=Mus musculus OX=10090
P55096		380380	344730	75475	ATP-binding cassette sub-family D member 3 OS=Mus musculus
P19182		294560		49935	Interferon-related developmental regulator 1 OS=Mus musculus
Q9DBS5	1278000	1379100	1190800	68613	Kinesin light chain 4 OS=Mus musculus OX=10090 GN=Klc4
Q9WVK4	472500		438500	60603	EH domain-containing protein 1 OS=Mus musculus OX=10090
Q8BH64	472500		438500	61175	EH domain-containing protein 2 OS=Mus musculus OX=10090

P52432			122590		39107	DNA-directed RNA polymerases I and III subunit RPAC1 OS=Mus
P51174	411550	493050			47908	Long-chain specific acyl-CoA dehydrogenase mitochondrial OS=Mus musculus OX=10090
Q91YN9		0			23474	BAG family molecular chaperone regulator 2 OS=Mus musculus
Q9D7N3	375140	472430	157690		44929	28S ribosomal protein S9 mitochondrial OS=Mus musculus OX=10090
Q9QZQ1				259090	206497	Afadin OS=Mus musculus OX=10090
Q61598		318170			50537	Rab GDP dissociation inhibitor beta OS=Mus musculus OX=10090
Q9QYI8				0	35626	DnaJ homolog subfamily B member 7 OS=Mus musculus OX=10090
O54946				0	39807	DnaJ homolog subfamily B member 6 OS=Mus musculus OX=10090
Q9D2G2	644070		357390	0	48995	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate
G5E8A8			0		62735	Tektin-5 OS=Mus musculus OX=10090
Q80X66	1009500	0	2089200	487910	53772	BTB/POZ domain-containing protein 10 OS=Mus musculus
Q8C460	634720	771650	464650		37189	ERI1 exoribonuclease 3 OS=Mus musculus OX=10090 GN=Eri3
Q6P9K8	571570	675540		687450	150495	Caskin-1 OS=Mus musculus OX=10090
Q921U8		584700		582030	100289	Smoothelin OS=Mus musculus OX=10090
Q69ZL1	1952500	2799800		0	155169	FYVE RhoGEF and PH domain-containing protein 6 OS=Mus
Q9D903			295620		34703	Probable rRNA-processing protein EBP2 OS=Mus musculus
Q91V12		126780			42537	Cytosolic acyl coenzyme A thioester hydrolase OS=Mus musculus
Q8CBW3		290510			52288	Abl interactor 1 OS=Mus musculus OX=10090
Q02053	347130	960680			117809	Ubiquitin-like modifier-activating enzyme 1 OS=Mus musculus
H3BK29			1289300		102849	Vomerionasal 2 receptor 6 OS=Mus musculus OX=10090 GN=Vmn2r6
Q8JZS9	489580		401430	581070	23953	39S ribosomal protein L48 mitochondrial OS=Mus musculus
A2A863	257970			0	201649	Integrin beta-4 OS=Mus musculus OX=10090
E9Q4G9		409850			30157	Predicted gene 21293 OS=Mus musculus OX=10090

L7N2C4	409850		30362	Predicted gene 4340 OS=Mus musculus OX=10090 GN=Gm4340
E9PZY4	409850		32988	Predicted gene 4303 OS=Mus musculus OX=10090 GN=Gm4307
E9PX25	409850		33628	Predicted gene 4302 OS=Mus musculus OX=10090 GN=Gm4302
O35129	397040		33296	Prohibitin-2 OS=Mus musculus OX=10090
P10417		90535	26407	Apoptosis regulator Bcl- 2 OS=Mus musculus OX=10090 GN=Bcl2
Q61136	114320	0	116976	Serine/threonine-protein kinase PRP4 homolog OS=Mus musculus
A0A0B4J1H6	451950	1118800	13131	Immunoglobulin kappa chain variable 2-137 (Fragment) OS=Mus musculus OX=10090
P01630	451950	1118800	12496	Ig kappa chain V-II region 7S34.1 OS=Mus musculus OX=10090
P52293	282700		57928	Importin subunit alpha-1 OS=Mus musculus OX=10090 GN=Kpna2
Q5F259		244540	70374	Ankyrin repeat domain- containing protein 13B OS=Mus musculus
Q8BSQ9		119280	187187	Protein polybromo-1 OS=Mus musculus OX=10090 GN=Pbrm1
E9PVA8		48756	293018	eIF-2-alpha kinase activator GCN1 OS=Mus musculus OX=10090
Q8C547		21887	224318	HEAT repeat-containing protein 5B OS=Mus musculus OX=10090
P63085		61572	41276	Mitogen-activated protein kinase 1 OS=Mus musculus OX=10090
Q63844		61572	43067	Mitogen-activated protein kinase 3 OS=Mus musculus OX=10090
Q00342		61572	113496	Receptor-type tyrosine- protein kinase FLT3 OS=Mus musculus
P26618		61572	122683	Platelet-derived growth factor receptor alpha OS=Mus musculus
P05622		61572	122790	Platelet-derived growth factor receptor beta OS=Mus musculus
P35917		61572	153016	Vascular endothelial growth factor receptor 3 OS=Mus musculus
O54949		61572	58313	Serine/threonine-protein kinase NLK OS=Mus musculus OX=10090
Q80Y86		61572	60679	Mitogen-activated protein kinase 15 OS=Mus musculus
P35969		61572	149876	Vascular endothelial growth factor receptor 1 OS=Mus musculus

P35918			61572	152516	Vascular endothelial growth factor receptor 2 OS=Mus musculus	
A2AAJ9	0			966606	Obscurin OS=Mus musculus OX=10090	
Q9D1Q5	664990	414810		44558	MCG21235 OS=Mus musculus OX=10090	
Q6UKZ0	664990	414810		44771	GN=Serpib3b PE=2 MCG8992 OS=Mus musculus OX=10090	
A2RSF9	664990	414810		44370	GN=Serpib3d PE=2 Serine (Or cysteine) peptidase inhibitor clade B member 3C OS=Mus musculus OX=10090	
G3X9V8	664990	414810		44453	MCG129038 OS=Mus musculus OX=10090	
Q9WVB4		387280	578500	1538800	167726	Slit homolog 3 protein OS=Mus musculus OX=10090 GN=Slit3
Q3UM18			1469700		73157	Large subunit GTPase 1 homolog OS=Mus musculus OX=10090
Q922J9	0		0		59435	Fatty acyl-CoA reductase 1 OS=Mus musculus OX=10090 GN=Far1
Q9DC50	0		209130	0	70264	Peroxisomal carnitine O-octanoyltransferase OS=Mus musculus
Q91YJ3	260750	0	129300	277700	26178	Thymocyte nuclear protein 1 OS=Mus musculus OX=10090
Q91WM3				0	52107	U3 small nucleolar RNA-interacting protein 2 OS=Mus musculus
P61620	543110				52265	Protein transport protein Sec61 subunit alpha isoform 1 OS=Mus
Q9JLR1	543110				52248	Protein transport protein Sec61 subunit alpha isoform 2 OS=Mus
P80317	379840	2159900			58004	T-complex protein 1 subunit zeta OS=Mus musculus OX=10090
Q9DCN1				99971	51511	Peroxisomal NADH pyrophosphatase NUDT12 OS=Mus
Q80VI1		56354			79513	E3 ubiquitin-protein ligase TRIM56 OS=Mus musculus OX=10090
Q8CJF7	825760				247644	Protein ELYS OS=Mus musculus OX=10090
Q3UB74		579290			44881	Transforming growth factor beta regulator 1 OS=Mus musculus
O35593		215980		0	34577	26S proteasome non-ATPase regulatory subunit 14 OS=Mus
Q8CD15			94893		53517	Ribosomal oxygenase 2 OS=Mus musculus OX=10090 GN=Riox2
A0A1B0GR13		0			71774	Cylicin basic protein of sperm head cytoskeleton 1 OS=Mus musculus

Q925B0	0			35908	PRKC apoptosis WT1 regulator protein OS=Mus musculus
Q9EST1	278830			49593	Gasdermin-A OS=Mus musculus OX=10090
P27773	86330			56678	Protein disulfide- isomerase A3 OS=Mus musculus OX=10090
Q3UXZ9	17532			192215	Lysine-specific demethylase 5A OS=Mus musculus OX=10090
Q9D051		0		38937	Pyruvate dehydrogenase E1 component subunit beta mitochondrial OS=Mus musculus
Q8C147		0		238976	Dedicator of cytokinesis protein 8 OS=Mus musculus OX=10090
Q8R1A4		0		241436	Dedicator of cytokinesis protein 7 OS=Mus musculus OX=10090
P15105	1310500	1115700	884710	42120	Glutamine synthetase OS=Mus musculus OX=10090 GN=Glul U3 small nucleolar RNA-
Q640M1		323530		87265	associated protein 14 homolog A OS=Mus musculus OX=10090
Q9JLZ6		439240		66767	Hypermethylated in cancer 2 protein OS=Mus musculus OX=10090
A0A0N4SVP8			315030	46959	Predicted pseudogene 5580 OS=Mus musculus OX=10090 GN=Gm5580
E9PV04			315030	46854	Predicted gene 8994 OS=Mus musculus OX=10090 GN=Gm8994
Q91VC3			315030	46840	Eukaryotic initiation factor 4A-III OS=Mus musculus OX=10090
Q8BIL5		95067		84439	Protein Hook homolog 1 OS=Mus musculus OX=10090 GN=Hook1
Q91X78			77951	39182	Erlin-1 OS=Mus musculus OX=10090
Q8BFZ9			77951	37873	Erlin-2 OS=Mus musculus OX=10090
Q9CWG8			0	48385	Protein arginine methyltransferase NDUFAF7
Q8VCH0		123040		43995	mitochondrial OS=Mus 3-ketoacyl-CoA thiolase B peroxisomal OS=Mus musculus OX=10090
Q921H8		123040		43953	3-ketoacyl-CoA thiolase A peroxisomal OS=Mus musculus OX=10090
P70419		0		72932	Polypeptide N- acetylgalactosaminyltrans ferase 3 OS=Mus musculus OX=10090
Q9Z2C4	2546200	2826600	2954700	75314	Myotubularin-related protein 1 OS=Mus musculus OX=10090
Q8VC77			8456300	36857	Akr1c20 protein OS=Mus musculus

P23249		99739		113583	Putative helicase MOV-10 OS=Mus musculus OX=10090 GN=Mov10
P42208		1409600	851370	41526	Septin-2 OS=Mus musculus OX=10090
E9PVZ8		3722000	0	370154	Golgi autoantigen golgin subfamily b macrogolgin 1 OS=Mus musculus
O88207	0		172050	183676	Collagen alpha-1(V) chain OS=Mus musculus OX=10090 GN=Col5a1
E9Q7L1			256280	171618	URB2 ribosome biogenesis 2 homolog (S. cerevisiae) OS=Mus
Q8BXR5			0	200440	Sodium leak channel non-selective protein OS=Mus musculus
Q6NZQ2		65692		76913	Probable ATP-dependent RNA helicase DDX31 OS=Mus musculus
Q64518			174380	113638	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 OS=Mus
Q7M6Z4			0	158955	Kinesin-like protein KIF27 OS=Mus musculus OX=10090
Q6ZQ58			291210	121125	La-related protein 1 OS=Mus musculus
P18242	103430		157040	44954	Cathepsin D OS=Mus musculus OX=10090
Q80WR5		0		24774	UPF0688 protein C1orf174 homolog OS=Mus musculus
Q61176	378090			34808	Arginase-1 OS=Mus musculus OX=10090
Q5DTX6	0	0		144797	Junctional protein associated with coronary artery disease OS=Mus musculus OX=10090
Q8BTV1	769100	882410		39548	Tumor suppressor candidate 3 OS=Mus musculus OX=10090
Q8K0J2			0	45379	UDP-GlcNAc:betaGal beta-1 3-N-acetylglucosaminyltransferase 7 OS=Mus
Q8C052	0	148910		102939	Microtubule-associated protein 1S OS=Mus musculus OX=10090
Q91VS8		210210		121280	FERM ARHGEF and pleckstrin domain-containing protein 2 OS=Mus musculus
Q9D0I8	674610			27546	mRNA turnover protein 4 homolog OS=Mus musculus OX=10090
Q8K1A6			127400	103698	Coiled-coil and C2 domain-containing protein 1A OS=Mus
Q8C5N3			1619500	104774	Pre-mRNA-splicing factor CWC22 homolog OS=Mus musculus
A2AK42			1619500	95672	Predicted gene 13691 OS=Mus musculus OX=10090

Q8K3A9		153030		72050	7SK snRNA methylphosphate capping enzyme OS=Mus
Q9R1V4	0			84134	Disintegrin and metalloproteinase domain-containing protein 11 OS=Mus
E9Q4F7	0			296184	Ankyrin repeat domain- containing protein 11 OS=Mus musculus
Q99M74	539080			57140	Keratin type II cuticular Hb2 OS=Mus musculus OX=10090 GN=Krt82
D3Z2X2	937320		570970	536540	Dynein heavy chain domain 1 OS=Mus musculus OX=10090
Q9ERL9		97651		77588	Guanylate cyclase soluble subunit alpha-1 OS=Mus musculus
P70662		133450000	89534000	46503	LIM domain-binding protein 1 OS=Mus musculus OX=10090
Q9JKV1		179310		42060	Proteasomal ubiquitin receptor ADRM1 OS=Mus musculus
Q8BJY1		0		55972	26S proteasome non- ATPase regulatory subunit 5 OS=Mus
Q91ZU6	470420	386050		834234	Dystonin OS=Mus musculus OX=10090
Q9WU78		108670		96024	Programmed cell death 6- interacting protein OS=Mus musculus
Q9WTP9			0	31702	Ventral anterior homeobox 2 OS=Mus musculus OX=10090
Q8CI51		512780		63299	PDZ and LIM domain protein 5 OS=Mus musculus OX=10090
B1ART2			4679200	490973	Vacuolar protein sorting 13D OS=Mus musculus OX=10090 GN=Vps13d
Q9D483				60706	DNA-directed RNA polymerase III subunit RPC3 OS=Mus musculus
Q9ES52		396680		133542	Phosphatidylinositol 3 4 5-trisphosphate 5- phosphatase 1 OS=Mus musculus OX=10090