

Table S1. List of identified proteins in each fraction. The protein library was built by LC-MS/MS raw data of gastrocnemius muscle from adult and old mice.

PBS extract						
Protein symbol	Score	Mass	Num. of significant matches	Num. of significant sequences	Num. of significant unique sequences	Protein name
1433B_MOUSE	3708	28183	199	13	6	14-3-3 protein beta/alpha
1433E_MOUSE	11008	29326	481	18	15	14-3-3 protein epsilon
1433F_MOUSE	2260	28365	128	9	4	14-3-3 protein eta
1433G_MOUSE	9375	28456	441	15	9	14-3-3 protein gamma
1433T_MOUSE	2119	28046	102	8	3	14-3-3 protein theta
1433Z_MOUSE	4793	27925	233	14	9	14-3-3 protein zeta/delta
2A5E_MOUSE	32	55078	1	1	1	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform
2AAA_MOUSE	6254	66079	341	24	24	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform
2ABA_MOUSE	1209	52173	71	7	7	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
3HIDH_MOUSE	907	35816	43	5	5	3-hydroxyisobutyrate dehydrogenase, mitochondrial
5NT1A_MOUSE	32	40824	2	2	2	Cytosolic 5'-nucleotidase 1A
5NT3A_MOUSE	1035	37571	90	11	11	Cytosolic 5'-nucleotidase 3A
6PGD_MOUSE	1723	53726	95	13	13	6-phosphogluconate dehydrogenase, decarboxylating
6PGL_MOUSE	1205	27465	81	9	9	6-phosphogluconolactonase
A16A1_MOUSE	20	85501	2	1	1	Aldehyde dehydrogenase family 16 member A1
A1AG1_MOUSE	794	23994	24	3	3	Alpha-1-acid glycoprotein 1
A1AT1_MOUSE	15902	46145	648	14	1	Alpha-1-antitrypsin 1-1
A1AT2_MOUSE	15185	46117	644	13	4	Alpha-1-antitrypsin 1-2
A1AT3_MOUSE	17308	45966	727	14	1	Alpha-1-antitrypsin 1-3
A1AT4_MOUSE	13826	46140	615	12	2	Alpha-1-antitrypsin 1-4
A2AP_MOUSE	1464	55165	88	10	10	Alpha-2-antiplasmin
AAKB2_MOUSE	69	30304	7	3	3	5'-AMP-activated protein kinase subunit beta-2
AAKG1_MOUSE	553	37668	23	3	3	5'-AMP-activated protein kinase subunit gamma-1
AAKG3_MOUSE	252	54271	18	3	3	5'-AMP-activated protein kinase subunit gamma-3
AAMDC_MOUSE	735	13350	35	3	3	Mth938 domain-containing protein
AAPK2_MOUSE	109	62610	16	5	5	5'-AMP-activated protein kinase catalytic subunit alpha-2
AATC_MOUSE	28473	46504	1189	28	28	Aspartate aminotransferase, cytoplasmic
AATM_MOUSE	30635	47780	1383	29	29	Aspartate aminotransferase, mitochondrial
ABCA2_MOUSE	20	272788	1	1	1	ATP-binding cassette sub-family A member 2
ABCB8_MOUSE	30	78691	1	1	1	ATP-binding cassette sub-family B member 8, mitochondrial
ABCE1_MOUSE	132	68240	12	5	5	ATP-binding cassette sub-family E member 1
ABEC2_MOUSE	3409	25872	175	10	10	C->U-editing enzyme APOBEC-2
ABHDB_MOUSE	362	33654	23	4	4	Protein ABHD11
ABHDD_MOUSE	45	38785	6	1	1	Protein ABHD13
ABRA_MOUSE	108	42976	12	1	1	Actin-binding Rho-activating protein
ACACB_MOUSE	32	277969	2	2	2	Acetyl-CoA carboxylase 2
ACAD8_MOUSE	124	45789	7	5	5	Isobutyryl-CoA dehydrogenase, mitochondrial
ACAD9_MOUSE	406	69192	30	3	3	Acyl-CoA dehydrogenase family member 9, mitochondrial
ACADL_MOUSE	13195	48277	708	23	23	Long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADM_MOUSE	5888	46908	309	16	16	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADS_MOUSE	2455	45146	162	15	15	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADV_MOUSE	11086	71230	524	32	32	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACBP_MOUSE	478	9994	40	3	3	Acyl-CoA-binding protein
ACDSB_MOUSE	1586	48300	55	7	7	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
ACLY_MOUSE	226	120564	9	3	3	ATP-citrate synthase
ACO13_MOUSE	382	15287	22	3	3	Acyl-coenzyme A thioesterase 13
ACOC_MOUSE	207	98691	24	7	7	Cytoplasmic aconitate hydratase
ACON_MOUSE	52991	86151	2158	43	43	Aconitate hydratase, mitochondrial
ACOT2_MOUSE	1447	49854	94	14	14	Acyl-coenzyme A thioesterase 2, mitochondrial
ACOT9_MOUSE	23	50813	3	3	3	Acyl-coenzyme A thioesterase 9, mitochondrial
ACS2L_MOUSE	20	75317	1	1	1	Acetyl-coenzyme A synthetase 2-like, mitochondrial
ACSL1_MOUSE	99	78928	9	5	5	Long-chain-fatty-acid--CoA ligase 1
ACTB_MOUSE	16693	42052	839	20	8	Actin, cytoplasmic 1
ACTN2_MOUSE	394	104339	18	5	2	Alpha-actinin-2
ACTN3_MOUSE	580	103605	31	7	4	Alpha-actinin-3
ACTS_MOUSE	36202	42366	1524	27	15	Actin, alpha skeletal muscle
ACTY_MOUSE	275	42369	25	2	2	Beta-centractin
ACY2_MOUSE	79	35778	3	1	1	Aspartoacylase
ACYP1_MOUSE	20	11234	1	1	1	Acylphosphatase-1
ACYP2_MOUSE	1050	11927	71	6	6	Acylphosphatase-2
ADGB_MOUSE	36	189464	8	2	2	Androglobin
ADH1_MOUSE	1392	40601	102	10	10	Alcohol dehydrogenase 1
ADHX_MOUSE	3358	40320	212	15	15	Alcohol dehydrogenase class-3
ADIPO_MOUSE	62	26906	7	2	2	Adiponectin
ADK_MOUSE	398	40466	45	9	9	Adenosine kinase
ADNP_MOUSE	28	125769	4	1	1	Activity-dependent neuroprotector homeobox protein
ADPRH_MOUSE	27	40328	2	2	2	[Protein ADP-ribosylarginine] hydrolase
ADT1_MOUSE	6507	33111	352	19	19	ADP/ATP translocase 1
AFIL2_MOUSE	35	92802	7	2	2	Actin filament-associated protein 1-like 2
AFAM_MOUSE	65	71272	7	4	4	Afamin
AGM1_MOUSE	19	60043	1	1	1	Phosphoacetylglucosamine mutase
AGRIN_MOUSE	25	215386	1	1	1	Agrin
AHSA1_MOUSE	576	38321	28	4	4	Activator of 90 kDa heat shock protein ATPase homolog 1
AIMP1_MOUSE	22	34318	1	1	1	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1
AIMP2_MOUSE	161	35640	13	2	2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
AK1A1_MOUSE	695	36792	55	11	11	Alcohol dehydrogenase [NADP(+)]
AKT2_MOUSE	709	56105	21	3	3	RAC-beta serine/threonine-protein kinase
AL1A1_MOUSE	1181	55060	79	10	9	Retinal dehydrogenase 1

AL1L1_MOUSE	21	99502	1	1	1	Cytosolic 10-formyltetrahydrofolate dehydrogenase
AL3A1_MOUSE	1834	50848	102	14	14	Aldehyde dehydrogenase, dimeric NADP-preferring
AL4A1_MOUSE	986	62258	69	12	12	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial
AL7A1_MOUSE	32	59337	2	1	1	Alpha-aminoadipic semialdehyde dehydrogenase
ALAT1_MOUSE	135	55905	22	4	4	Alanine aminotransferase 1
ALBU_MOUSE	114385	70700	4158	55	52	Serum albumin
ALD1_MOUSE	772	36137	61	6	4	Aldose reductase-related protein 1
ALD2_MOUSE	742	36440	50	6	4	Aldose reductase-related protein 2
ALDH2_MOUSE	7243	57015	400	23	22	Aldehyde dehydrogenase, mitochondrial
ALDOA_MOUSE	213115	39787	9549	42	7	Fructose-bisphosphate aldolase A
ALDR_MOUSE	12532	36052	588	17	17	Aldose reductase
AMBP_MOUSE	84	39916	7	2	2	Protein AMBP
AMPB_MOUSE	19	73054	1	1	1	Aminopeptidase B
AMPD1_MOUSE	7317	86734	470	36	36	AMP deaminase 1
AMPL_MOUSE	989	56505	88	12	12	Cytosol aminopeptidase
AMRP_MOUSE	20	42189	1	1	1	Alpha-2-macroglobulin receptor-associated protein
AN32A_MOUSE	151	28691	13	3	2	Acidic leucine-rich nuclear phosphoprotein 32 family member A
AN32B_MOUSE	168	31231	13	3	2	Acidic leucine-rich nuclear phosphoprotein 32 family member B
AN32E_MOUSE	467	29832	18	1	1	Acidic leucine-rich nuclear phosphoprotein 32 family member E
ANGT_MOUSE	32	52243	1	1	1	Angiotensinogen
ANKR2_MOUSE	3195	36855	140	13	13	Ankyrin repeat domain-containing protein 2
ANM1_MOUSE	128	43035	13	3	3	Protein arginine N-methyltransferase 1
ANM5_MOUSE	56	73318	6	1	1	Protein arginine N-methyltransferase 5
ANT3_MOUSE	2058	52484	145	18	18	Antithrombin-III
ANX11_MOUSE	5017	54387	243	14	14	Annexin A11
ANXA1_MOUSE	1394	38995	39	4	4	Annexin A1
ANXA2_MOUSE	6474	38937	279	17	17	Annexin A2
ANXA3_MOUSE	742	36533	55	4	4	Annexin A3
ANXA4_MOUSE	1261	36178	78	9	8	Annexin A4
ANXA5_MOUSE	8130	35787	297	17	17	Annexin A5
ANXA6_MOUSE	21148	76294	966	42	41	Annexin A6
ANXA7_MOUSE	935	50178	93	12	12	Annexin A7
AP2A2_MOUSE	118	104863	11	2	2	AP-2 complex subunit alpha-2
AP2B1_MOUSE	78	105428	6	3	3	AP-2 complex subunit beta
AP2S1_MOUSE	20	17178	1	1	1	AP-2 complex subunit sigma
AP4A_MOUSE	357	17150	31	6	6	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]
APEH_MOUSE	266	82441	28	6	6	Acylamino-acid-releasing enzyme
APOA1_MOUSE	8350	30597	417	17	17	Apolipoprotein A-I
APOA2_MOUSE	185	11359	16	1	1	Apolipoprotein A-II
APOA4_MOUSE	1324	45001	85	10	10	Apolipoprotein A-IV
APOC3_MOUSE	243	10975	11	1	1	Apolipoprotein C-III
APOD_MOUSE	63	21744	3	1	1	Apolipoprotein D
APOE_MOUSE	621	35901	46	7	7	Apolipoprotein E
APOH_MOUSE	341	39904	36	5	5	Beta-2-glycoprotein 1
APT_MOUSE	1530	19883	61	5	5	Adenine phosphoribosyltransferase
ARC1A_MOUSE	48	42170	6	3	2	Actin-related protein 2/3 complex subunit 1A
ARC1B_MOUSE	56	41836	5	2	1	Actin-related protein 2/3 complex subunit 1B
ARF1_MOUSE	2191	20741	117	6	4	ADP-ribosylation factor 1
ARF4_MOUSE	1164	20498	61	3	1	ADP-ribosylation factor 4
ARHL1_MOUSE	329	40373	20	3	3	[Protein ADP-ribosylarginine] hydrolase-like protein 1
ARK72_MOUSE	590	41042	40	6	6	Aflatoxin B1 aldehyde reductase member 2
ARL3_MOUSE	127	20645	8	2	2	ADP-ribosylation factor-like protein 3
ARLY_MOUSE	37	51878	3	1	1	Argininosuccinate lyase
ARMT1_MOUSE	196	51087	18	5	5	Protein-glutamate O-methyltransferase
ARP2_MOUSE	152	45017	11	3	3	Actin-related protein 2
ARP3_MOUSE	673	47783	30	3	3	Actin-related protein 3
ARPC2_MOUSE	80	34450	7	3	3	Actin-related protein 2/3 complex subunit 2
ARPC3_MOUSE	97	20739	9	1	1	Actin-related protein 2/3 complex subunit 3
ARPC4_MOUSE	68	19768	8	4	4	Actin-related protein 2/3 complex subunit 4
ARXS1_MOUSE	43	20191	3	1	1	Adipocyte-related X-chromosome expressed sequence 1
AS3MT_MOUSE	948	42451	48	9	9	Arsenite methyltransferase
ASGL1_MOUSE	837	34385	67	6	6	Isoaspartyl peptidase/L-asparaginase
ASPC1_MOUSE	38	60044	3	1	1	Tether containing UBX domain for GLUT4
ASPN_MOUSE	250	42944	25	6	6	Asporin
ASPP1_MOUSE	20	119667	1	1	1	Apoptosis-stimulating of p53 protein 1
ASSY_MOUSE	62	46840	3	1	1	Argininosuccinate synthase
AT1A2_MOUSE	132	113457	13	6	6	Sodium/potassium-transporting ATPase subunit alpha-2
AT1B4_MOUSE	19	41716	1	1	1	Protein ATP1B4
AT2A1_MOUSE	67489	110723	2529	63	63	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1
AT2L2_MOUSE	384	52333	19	3	3	5-phosphohydroxy-L-lysine phospho-lyase
AT5F1_MOUSE	252	29044	22	5	5	ATP synthase F(0) complex subunit B1, mitochondrial
ATOX1_MOUSE	63	7505	6	3	3	Copper transport protein ATOX1
ATP5E_MOUSE	47	5891	4	1	1	ATP synthase subunit epsilon, mitochondrial
ATP5H_MOUSE	153	18795	15	3	3	ATP synthase subunit d, mitochondrial
ATP5I_MOUSE	156	8230	13	3	3	ATP synthase subunit e, mitochondrial
ATP5J_MOUSE	27	12489	1	1	1	ATP synthase-coupling factor 6, mitochondrial
ATP5L_MOUSE	33	11417	2	2	2	ATP synthase subunit g, mitochondrial
ATPA_MOUSE	26333	59830	937	30	30	ATP synthase subunit alpha, mitochondrial
ATPB_MOUSE	33582	56265	1276	28	28	ATP synthase subunit beta, mitochondrial
ATPD_MOUSE	117	17589	5	1	1	ATP synthase subunit delta, mitochondrial
ATPG_MOUSE	1063	32979	83	8	8	ATP synthase subunit gamma, mitochondrial
ATPK_MOUSE	208	10394	22	1	1	ATP synthase subunit f, mitochondrial
ATPO_MOUSE	573	23406	26	4	4	ATP synthase subunit O, mitochondrial

AUHM_MOUSE	119	33659	12	3	3	Methylglutaconyl-CoA hydratase, mitochondrial
B2L13_MOUSE	387	46862	13	2	2	Bcl-2-like protein 13
BABA2_MOUSE	21	43973	1	1	1	BRISC and BRCA1-A complex member 2
BAF_MOUSE	32	10324	3	2	2	Barrier-to-autointegration factor
BAG3_MOUSE	25	62050	2	1	1	BAG family molecular chaperone regulator 3
BBX_MOUSE	17	101746	1	1	1	HMG box transcription factor BBX
BCAT2_MOUSE	898	44669	72	7	7	Branched-chain-amino-acid aminotransferase, mitochondrial
Bfsp1_MOUSE	61	73966	6	1	1	Filensin
BIEA_MOUSE	146	33675	14	1	1	Biliverdin reductase A
BIN1_MOUSE	9458	64658	446	17	17	Myc box-dependent-interacting protein 1
BIP_MOUSE	4709	72492	241	22	20	Endoplasmic reticulum chaperone BiP
BLMH_MOUSE	44	53104	7	2	2	Bleomycin hydrolase
BLVRB_MOUSE	1371	22297	59	4	4	Flavin reductase (NADPH)
BMPR2_MOUSE	22	116259	1	1	1	Bone morphogenetic protein receptor type-2
BPHL_MOUSE	71	33058	8	4	4	Valacyclovir hydrolase
BPNT1_MOUSE	27	33517	3	2	2	3'(2'),5'-bisphosphate nucleotidase 1
BRNP1_MOUSE	20	89896	1	1	1	BMP/retinoic acid-inducible neural-specific protein 1
BTF3_MOUSE	52	22017	2	1	1	Transcription factor BTF3
BZW2_MOUSE	245	48261	32	2	2	Basic leucine zipper and W2 domain-containing protein 2
C1QBP_MOUSE	580	31336	36	3	3	Complement component 1 Q subcomponent-binding protein, mitochondrial
C1TC_MOUSE	1531	101820	97	14	14	C-1-tetrahydrofolate synthase, cytoplasmic
C4BPA_MOUSE	91	52973	7	3	3	C4b-binding protein
CA2D1_MOUSE	52	125692	2	2	2	Voltage-dependent calcium channel subunit alpha-2/delta-1
CAB39_MOUSE	1112	39989	67	6	6	Calcium-binding protein 39
CACB1_MOUSE	52	65731	4	2	2	Voltage-dependent L-type calcium channel subunit beta-1
CACP_MOUSE	4342	71250	289	21	21	Camitine O-acetyltransferase
CAD13_MOUSE	60	78536	6	3	3	Cadherin-13
CAF17_MOUSE	37	38774	2	1	1	Putative transferase CAF17 homolog, mitochondrial
CAH1_MOUSE	42	28370	2	2	2	Carbonic anhydrase 1
CAH2_MOUSE	1180	29129	78	7	7	Carbonic anhydrase 2
CAH3_MOUSE	29170	29633	1513	23	23	Carbonic anhydrase 3
CALM1_MOUSE	3104	16827	171	10	9	Calmodulin-1
CALR_MOUSE	645	48136	72	7	7	Calreticulin
CALU_MOUSE	126	37155	19	3	3	Calumenin
CAN1_MOUSE	684	82739	55	13	13	Calpain-1 catalytic subunit
CAN2_MOUSE	376	80677	43	11	11	Calpain-2 catalytic subunit
CANB1_MOUSE	22	19402	1	1	1	Calcineurin subunit B type 1
CAND1_MOUSE	211	137955	14	4	4	Cullin-associated NEDD8-dissociated protein 1
CAND2_MOUSE	4720	137086	288	31	31	Cullin-associated NEDD8-dissociated protein 2
CAP1_MOUSE	387	51875	20	3	2	Adenylyl cyclase-associated protein 1
CAP2_MOUSE	43	53114	5	3	2	Adenylyl cyclase-associated protein 2
CAPG_MOUSE	79	39501	6	1	1	Macrophage-capping protein
CAPZB_MOUSE	33	31611	1	1	1	F-actin-capping protein subunit beta
CARME_MOUSE	496	46822	71	7	7	Carnosine N-methyltransferase
CASQ1_MOUSE	18812	46349	837	17	17	Calsequestrin-1
CASQ2_MOUSE	475	48203	19	1	1	Calsequestrin-2
CATA_MOUSE	400	60043	34	9	7	Catalase
CATB_MOUSE	290	38168	35	5	5	Cathepsin B
CATD_MOUSE	388	45381	33	9	9	Cathepsin D
CAVN1_MOUSE	2268	43927	113	8	8	Caveolae-associated protein 1
CAVN4_MOUSE	57	41040	4	4	4	Caveolae-associated protein 4
CAZA2_MOUSE	110	33118	7	2	2	F-actin-capping protein subunit alpha-2
CBG_MOUSE	1083	44911	54	10	10	Corticosteroid-binding globulin
CBPN_MOUSE	31	52098	1	1	1	Carboxypeptidase N catalytic chain
CBPQ_MOUSE	43	51837	2	1	1	Carboxypeptidase Q
CBR1_MOUSE	1340	30907	130	10	9	Carbonyl reductase [NADPH] 1
CBR2_MOUSE	1117	26056	66	8	8	Carbonyl reductase [NADPH] 2
CBR3_MOUSE	146	31333	18	2	1	Carbonyl reductase [NADPH] 3
CBR4_MOUSE	30	25570	3	1	1	Carbonyl reductase family member 4
CBWD1_MOUSE	65	44201	2	1	1	COBW domain-containing protein 1
CC169_MOUSE	124	24739	17	1	1	Coiled-coil domain-containing protein 169
CCD42_MOUSE	34	37965	1	1	1	Coiled-coil domain-containing protein 42
CD158_MOUSE	28	127318	2	1	1	Coiled-coil domain-containing protein 158
CD36_MOUSE	17	53234	1	1	1	Platelet glycoprotein 4
CDC42_MOUSE	358	21587	37	5	4	Cell division control protein 42 homolog
CDC6_MOUSE	18	63658	1	1	1	Cell division control protein 6 homolog
CDNF_MOUSE	60	21645	4	2	2	Cerebral dopamine neurotrophic factor
CDV3_MOUSE	28	29711	1	1	1	Protein CDV3
CE295_MOUSE	33	273923	2	1	1	Centrosomal protein of 295 kDa
CEL3_MOUSE	49	363043	4	1	1	Cadherin EGF LAG seven-pass G-type receptor 3
CERU_MOUSE	5028	121872	265	45	45	Ceruloplasmin
CES1D_MOUSE	822	62034	76	5	2	Carboxylesterase 1D
CFAB_MOUSE	463	86319	40	9	9	Complement factor B
CFAH_MOUSE	38	143722	2	2	2	Complement factor H
CFAL_MOUSE	65	69497	5	3	3	Complement factor I
CH082_MOUSE	102	24656	7	2	2	UPF0598 protein C8orf82 homolog
CH10_MOUSE	2484	10956	133	7	7	10 kDa heat shock protein, mitochondrial
CH60_MOUSE	13405	61088	522	25	25	60 kDa heat shock protein, mitochondrial
CHCH2_MOUSE	52	15879	5	2	2	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2
CIP4_MOUSE	39	68675	1	1	1	Cdc42-interacting protein 4
CISD1_MOUSE	48	12260	2	2	2	CDGSH iron-sulfur domain-containing protein 1
CISY_MOUSE	17653	51988	829	21	21	Citrate synthase, mitochondrial
CKP2L_MOUSE	32	83689	1	1	1	Cytoskeleton-associated protein 2-like

CLAP2_MOUSE	42	141564	4	1	1	CLIP-associating protein 2
CLH1_MOUSE	2319	193202	140	20	20	Clathrin heavy chain 1
CLIC4_MOUSE	47	28939	4	2	2	Chloride intracellular channel protein 4
CLIP1_MOUSE	211	156345	11	7	7	CAP-Gly domain-containing linker protein 1
CLUS_MOUSE	393	52250	23	8	8	Clusterin
CLYBL_MOUSE	73	37867	10	7	7	Citramalyl-CoA lyase, mitochondrial
CMBL_MOUSE	2944	28226	118	8	8	Carboxymethylenebutenolidase homolog
CMC1_MOUSE	1368	74922	86	15	15	Calcium-binding mitochondrial carrier protein Aralar1
CMYA5_MOUSE	97	414327	8	3	3	Cardiomyopathy-associated protein 5
CNBP_MOUSE	144	20833	10	3	3	Cellular nucleic acid-binding protein
CNDP2_MOUSE	360	53190	29	8	8	Cytosolic non-specific dipeptidase
CNPY2_MOUSE	33	21096	1	1	1	Protein canopy homolog 2
CO3_MOUSE	5606	187905	423	53	53	Complement C3
CO4B_MOUSE	335	194447	29	13	13	Complement C4-B
CO5_MOUSE	86	190469	3	1	1	Complement C5
CO6A1_MOUSE	29	109562	2	1	1	Collagen alpha-1(VI) chain
CO8G_MOUSE	19	22665	1	1	1	Complement component C8 gamma chain
CO9_MOUSE	228	63217	9	3	3	Complement component C9
COF1_MOUSE	1690	18776	93	7	5	Cofilin-1
COF2_MOUSE	6546	18812	397	13	11	Cofilin-2
COMP_MOUSE	56	84912	10	4	2	Cartilage oligomeric matrix protein
COMT_MOUSE	19	29695	1	1	1	Catechol O-methyltransferase
COPB_MOUSE	21	108138	1	1	1	Coatomer subunit beta
COPG1_MOUSE	81	98705	2	1	1	Coatomer subunit gamma-1
COQ6_MOUSE	121	51645	5	1	1	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial
COQ7_MOUSE	19	24197	1	1	1	5-demethoxyubiquinone hydroxylase, mitochondrial
COQ8A_MOUSE	3794	72154	175	13	13	Atypical kinase COQ8A, mitochondrial
COQ9_MOUSE	1996	35232	113	6	6	Ubiquinone biosynthesis protein COQ9, mitochondrial
COTL1_MOUSE	229	16048	10	1	1	Coactosin-like protein
COX2_MOUSE	1481	26130	87	3	3	Cytochrome c oxidase subunit 2
COX4I_MOUSE	257	19575	23	6	6	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
COX5A_MOUSE	377	16319	12	1	1	Cytochrome c oxidase subunit 5A, mitochondrial
COX5B_MOUSE	44	14089	4	2	2	Cytochrome c oxidase subunit 5B, mitochondrial
COX6C_MOUSE	21	8464	1	1	1	Cytochrome c oxidase subunit 6C
COX7C_MOUSE	25	7328	1	1	1	Cytochrome c oxidase subunit 7C, mitochondrial
CP2J5_MOUSE	30	58032	1	1	1	Cytochrome P450 2J5
CPN2_MOUSE	62	61296	5	2	2	Carboxypeptidase N subunit 2
CPNE1_MOUSE	27	59591	2	2	2	Copine-1
CPNE2_MOUSE	114	61681	11	3	3	Copine-2
CPNS1_MOUSE	68	28559	4	2	2	Calpain small subunit 1
CPPED_MOUSE	263	35568	31	4	4	Serine/threonine-protein phosphatase CPPED1
CPT1B_MOUSE	410	89073	18	3	3	Camitine O-palmitoyltransferase 1, muscle isoform
CPT2_MOUSE	757	74504	54	12	12	Camitine O-palmitoyltransferase 2, mitochondrial
CQ10B_MOUSE	32	27764	4	1	1	Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
CREG1_MOUSE	66	24550	3	1	1	Protein CREG1
CRK_MOUSE	117	33851	7	1	1	Adapter molecule crk
CRKL_MOUSE	21	33923	1	1	1	Crk-like protein
CRYAB_MOUSE	6100	20056	315	12	12	Alpha-crystallin B chain
CSK21_MOUSE	20	45219	1	1	1	Casein kinase II subunit alpha
CSN1_MOUSE	376	53978	24	4	4	COP9 signalosome complex subunit 1
CSN2_MOUSE	246	51849	23	6	6	COP9 signalosome complex subunit 2
CSN3_MOUSE	162	48371	14	3	3	COP9 signalosome complex subunit 3
CSN4_MOUSE	574	46541	38	7	7	COP9 signalosome complex subunit 4
CSN5_MOUSE	59	37753	4	1	1	COP9 signalosome complex subunit 5
CSN6_MOUSE	171	36142	12	3	3	COP9 signalosome complex subunit 6
CSN7A_MOUSE	536	30377	22	4	4	COP9 signalosome complex subunit 7a
CSN8_MOUSE	58	23298	4	2	2	COP9 signalosome complex subunit 8
CSRP3_MOUSE	622	21793	31	6	6	Cysteine and glycine-rich protein 3
CTBP1_MOUSE	73	48171	4	1	1	C-terminal-binding protein 1
CTL2_MOUSE	16	81539	1	1	1	Choline transporter-like protein 2
CUBN_MOUSE	31	407680	2	1	1	Cubilin
CUL2_MOUSE	110	87448	6	2	2	Cullin-2
CUL4A_MOUSE	42	88211	4	1	1	Cullin-4A
CUL5_MOUSE	425	91486	25	5	5	Cullin-5
CUTA_MOUSE	35	18967	3	2	2	Protein CutA
CUTC_MOUSE	66	29384	3	1	1	Copper homeostasis protein cutC homolog
CX6B1_MOUSE	362	10293	24	3	3	Cytochrome c oxidase subunit 6B1
CX7A1_MOUSE	76	9095	4	1	1	Cytochrome c oxidase subunit 7A1, mitochondrial
CY1_MOUSE	541	35533	38	4	4	Cytochrome c1, heme protein, mitochondrial
CYC_MOUSE	1507	11712	90	6	6	Cytochrome c, somatic
CYGB_MOUSE	70	21566	8	1	1	Cytoglobin
CYTB_MOUSE	30	11153	2	1	1	Cystatin-B
D39U1_MOUSE	69	33145	5	1	1	Epimerase family protein SDR39U1
DAB2_MOUSE	22	82432	1	1	1	Disabled homolog 2
DCI12_MOUSE	47	68751	1	1	1	Cytoplasmic dynein 1 intermediate chain 2
DCAF8_MOUSE	20	66675	1	1	1	DDB1- and CUL4-associated factor 8
DCAM1_MOUSE	24	38647	1	1	1	S-adenosylmethionine decarboxylase proenzyme 1
DCNL2_MOUSE	161	30334	18	3	3	DCN1-like protein 2
DCTN1_MOUSE	23	142272	1	1	1	Dynactin subunit 1
DCTN2_MOUSE	47	44204	4	2	2	Dynactin subunit 2
DCUP_MOUSE	136	40951	5	1	1	Uroporphyrinogen decarboxylase
DCXR_MOUSE	34	25958	3	1	1	L-xylulose reductase
DD19A_MOUSE	29	54355	1	1	1	ATP-dependent RNA helicase DDX19A

DDB1_MOUSE	989	128027	85	15	15	DNA damage-binding protein 1
DDX1_MOUSE	223	83474	9	1	1	ATP-dependent RNA helicase DDX1
DDX3L_MOUSE	72	73494	3	1	1	Putative ATP-dependent RNA helicase P110
DDX6_MOUSE	33	54556	2	1	1	Probable ATP-dependent RNA helicase DDX6
DECR_MOUSE	2720	36476	139	9	9	2,4-dienoyl-CoA reductase, mitochondrial
DENR_MOUSE	34	22551	1	1	1	Density-regulated protein
DESM_MOUSE	461	53522	12	2	1	Desmin
DEST_MOUSE	308	18852	37	5	4	Destrin
DHB4_MOUSE	41	79945	1	1	1	Peroxisomal multifunctional enzyme type 2
DHB8_MOUSE	149	26800	13	3	3	Estradiol 17-beta-dehydrogenase 8
DHDH_MOUSE	4543	36620	199	10	10	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
DHE3_MOUSE	812	61640	70	12	12	Glutamate dehydrogenase 1, mitochondrial
DHPR_MOUSE	1312	25782	97	7	7	Dihydropteridine reductase
DHR11_MOUSE	112	28712	10	3	3	Dehydrogenase/reductase SDR family member 11
DHRS4_MOUSE	39	30094	5	3	3	Dehydrogenase/reductase SDR family member 4
DHX8_MOUSE	33	143337	1	1	1	ATP-dependent RNA helicase DHX8
DIAP1_MOUSE	726	140053	37	5	5	Protein diaphanous homolog 1
DLDH_MOUSE	8537	54751	378	18	18	Dihydrolipoyl dehydrogenase, mitochondrial
DMD_MOUSE	131	427676	9	8	8	Dystrophin
DMKN_MOUSE	27	51858	1	1	1	Dermokine
DNJA2_MOUSE	27	46344	2	1	1	DnaJ homolog subfamily A member 2
DNJA4_MOUSE	36	45500	2	1	1	DnaJ homolog subfamily A member 4
DNM1L_MOUSE	3136	83120	157	21	21	Dynamin-1-like protein
DNPEP_MOUSE	238	52744	37	7	7	Aspartyl aminopeptidase
DOPD_MOUSE	752	13183	42	6	6	D-dopachrome decarboxylase
DPP3_MOUSE	28	83245	3	3	3	Dipeptidyl peptidase 3
DPP9_MOUSE	17	98965	1	1	1	Dipeptidyl peptidase 9
DPYL2_MOUSE	2028	62638	105	11	11	Dihydropyrimidinase-related protein 2
DRG2_MOUSE	22	41092	1	1	1	Developmentally-regulated GTP-binding protein 2
DSCAM_MOUSE	138	223897	11	1	1	Down syndrome cell adhesion molecule homolog
DUPD1_MOUSE	413	24405	30	7	7	Dual specificity phosphatase DUPD1
DUS23_MOUSE	102	16855	9	3	3	Dual specificity protein phosphatase 23
DUS28_MOUSE	78	17779	9	1	1	Dual specificity phosphatase 28
DUS3_MOUSE	2495	20687	111	6	6	Dual specificity protein phosphatase 3
DX39A_MOUSE	26	49549	1	1	1	ATP-dependent RNA helicase DDX39A
DYH1_MOUSE	32	490749	2	1	1	Dynein heavy chain 1, axonemal
DYHC1_MOUSE	236	534447	24	10	10	Cytoplasmic dynein 1 heavy chain 1
DYHC2_MOUSE	53	495451	13	1	1	Cytoplasmic dynein 2 heavy chain 1
DYL1_MOUSE	219	10530	12	2	2	Dynein light chain 1, cytoplasmic
DYN2_MOUSE	66	98426	4	3	3	Dynamin-2
DYSF_MOUSE	542	240040	20	4	4	Dysferlin
DZIP3_MOUSE	19	139586	1	1	1	E3 ubiquitin-protein ligase DZIP3
ECH1_MOUSE	423	36437	49	8	8	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
ECHA_MOUSE	9011	83302	441	29	29	Trifunctional enzyme subunit alpha, mitochondrial
ECHB_MOUSE	4174	51639	226	16	16	Trifunctional enzyme subunit beta, mitochondrial
ECHD1_MOUSE	76	35786	4	1	1	Ethylmalonyl-CoA decarboxylase
ECHD2_MOUSE	171	32174	10	2	2	Enoyl-CoA hydratase domain-containing protein 2, mitochondrial
ECHM_MOUSE	2459	31853	148	10	10	Enoyl-CoA hydratase, mitochondrial
ECI1_MOUSE	6075	32515	299	12	12	Enoyl-CoA delta isomerase 1, mitochondrial
ECI2_MOUSE	46	43639	4	1	1	Enoyl-CoA delta isomerase 2, mitochondrial
ECM29_MOUSE	68	205398	7	5	5	Proteasome adapter and scaffold protein ECM29
EEA1_MOUSE	19	161958	1	1	1	Early endosome antigen 1
EF1A1_MOUSE	13274	50424	534	15	7	Elongation factor 1-alpha 1
EF1A2_MOUSE	19139	50764	893	21	13	Elongation factor 1-alpha 2
EF1B_MOUSE	57	24849	4	2	2	Elongation factor 1-beta
EF1D_MOUSE	1231	31388	84	5	5	Elongation factor 1-delta
EF1G_MOUSE	4024	50371	281	20	20	Elongation factor 1-gamma
EF2_MOUSE	22664	96222	1143	44	44	Elongation factor 2
EFGM_MOUSE	59	84238	3	1	1	Elongation factor G, mitochondrial
EFTU_MOUSE	3974	49876	185	19	19	Elongation factor Tu, mitochondrial
EH1L1_MOUSE	303	185634	22	4	4	EH domain-binding protein 1-like protein 1
EHD1_MOUSE	314	60622	27	3	3	EH domain-containing protein 1
EHD2_MOUSE	4267	61307	242	15	14	EH domain-containing protein 2
EHD4_MOUSE	272	61670	28	4	3	EH domain-containing protein 4
EI2BA_MOUSE	22	34023	1	1	1	Translation initiation factor eIF-2B subunit alpha
EI3JA_MOUSE	572	29440	24	4	4	Eukaryotic translation initiation factor 3 subunit J-A
EIF1B_MOUSE	21	12930	2	1	1	Eukaryotic translation initiation factor 1b
EIF3D_MOUSE	25	64576	1	1	1	Eukaryotic translation initiation factor 3 subunit D
EIF3E_MOUSE	19	52587	1	1	1	Eukaryotic translation initiation factor 3 subunit E
EIF3F_MOUSE	88	38074	7	2	2	Eukaryotic translation initiation factor 3 subunit F
EIF3I_MOUSE	26	36837	2	2	2	Eukaryotic translation initiation factor 3 subunit I
EIF3L_MOUSE	55	66798	4	2	2	Eukaryotic translation initiation factor 3 subunit L
EIF3M_MOUSE	81	42946	5	1	1	Eukaryotic translation initiation factor 3 subunit M
ELOB_MOUSE	25	13219	2	2	2	Elongin-B
ELOC_MOUSE	22	12636	1	1	1	Elongin-C
EMAL1_MOUSE	269	90650	31	8	8	Echinoderm microtubule-associated protein-like 1
EMAL2_MOUSE	361	71602	25	5	5	Echinoderm microtubule-associated protein-like 2
ENOA_MOUSE	128808	47453	4612	26	18	Alpha-enolase
ENOB_MOUSE	206113	47337	7237	45	36	Beta-enolase
ENOG_MOUSE	90233	47609	3423	11	2	Gamma-enolase
ENOPH_MOUSE	225	28696	21	1	1	Enolase-phosphatase E1
ENPL_MOUSE	1057	92703	44	10	8	Endoplasmin
ENTP2_MOUSE	29	54912	2	1	1	Ectonucleoside triphosphate diphosphohydrolase 2

EPDR1_MOUSE	70	25868	4	2	2	Mammalian ependymin-related protein 1
ERF1_MOUSE	29	49228	2	2	2	Eukaryotic peptide chain release factor subunit 1
ERF3A_MOUSE	30	69380	3	2	2	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A
ERG12_MOUSE	26	42740	2	1	1	Endoplasmic reticulum-Golgi intermediate compartment protein 2
ERP44_MOUSE	593	47222	20	2	2	Endoplasmic reticulum resident protein 44
ES1_MOUSE	3354	28415	214	10	10	ES1 protein homolog, mitochondrial
EST1C_MOUSE	3245	61302	213	13	10	Carboxylesterase 1C
EST2C_MOUSE	538	62714	28	8	8	Acylcamitine hydrolase
ESTD_MOUSE	2220	31870	137	10	10	S-formylglutathione hydrolase
ETFA_MOUSE	11016	35330	478	16	16	Electron transfer flavoprotein subunit alpha, mitochondrial
ETFB_MOUSE	12939	27834	514	13	13	Electron transfer flavoprotein subunit beta
ETFD_MOUSE	33	68903	1	1	1	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
ETHE1_MOUSE	249	28234	20	3	3	Persulfide dioxygenase ETHE1, mitochondrial
EXT1_MOUSE	19	86994	2	1	1	Exostosin-1
F10A1_MOUSE	40	41801	2	1	1	Hsc70-interacting protein
F16P2_MOUSE	2991	37209	152	11	11	Fructose-1,6-bisphosphatase isozyme 2
F261_MOUSE	85	55385	6	3	3	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1
FA12_MOUSE	74	67939	3	1	1	Coagulation factor XII
FA83B_MOUSE	26	115119	5	1	1	Protein FAM83B
FABP4_MOUSE	8428	14755	371	10	10	Fatty acid-binding protein, adipocyte
FABP5_MOUSE	77	15470	6	2	2	Fatty acid-binding protein, epidermal
FABPH_MOUSE	8400	14810	396	10	10	Fatty acid-binding protein, heart
FAD1_MOUSE	18	55245	1	1	1	FAD synthase
FAHD1_MOUSE	463	25498	37	2	2	Acylpyruvase FAHD1, mitochondrial
FAHD2_MOUSE	125	35067	14	4	4	Fumarylacetoacetate hydrolase domain-containing protein 2A
FAK2_MOUSE	19	117032	1	1	1	Protein-tyrosine kinase 2-beta
FAS_MOUSE	3575	274994	224	47	47	Fatty acid synthase
FCER2_MOUSE	49	38251	5	1	1	Low affinity immunoglobulin epsilon Fc receptor
FCL_MOUSE	134	36083	17	3	3	GDP-L-fucose synthase
FERM2_MOUSE	32	78435	2	2	2	Fermitin family homolog 2
FETA_MOUSE	19	69118	2	1	1	Alpha-fetoprotein
FETUA_MOUSE	4807	38100	212	9	9	Alpha-2-HS-glycoprotein
FETUB_MOUSE	87	43541	5	2	2	Fetuin-B
FHL1_MOUSE	11071	33806	576	17	17	Four and a half LIM domains protein 1
FHL3_MOUSE	24	33769	1	1	1	Four and a half LIM domains protein 3
FHOD3_MOUSE	52	176630	6	1	1	FH1/FH2 domain-containing protein 3
FIBA_MOUSE	1590	88117	105	14	14	Fibrinogen alpha chain
FIBB_MOUSE	2094	55402	166	18	18	Fibrinogen beta chain
FIBG_MOUSE	2990	50044	164	13	13	Fibrinogen gamma chain
FIGL1_MOUSE	20	75716	1	1	1	Fidgetin-like protein 1
FKB1A_MOUSE	1075	11972	48	3	3	Peptidyl-prolyl cis-trans isomerase FKBP1A
FKBP3_MOUSE	145	25189	12	3	3	Peptidyl-prolyl cis-trans isomerase FKBP3
FLNA_MOUSE	1376	283897	60	7	3	Filamin-A
FLNC_MOUSE	5702	293560	324	43	39	Filamin-C
FMOD_MOUSE	169	43427	14	3	3	Fibromodulin
FN3K_MOUSE	183	35238	11	1	1	Fructosamine-3-kinase
FNTA_MOUSE	239	44157	16	2	2	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha
FNTB_MOUSE	24	49757	1	1	1	Protein farnesyltransferase subunit beta
FRIH_MOUSE	2478	21224	164	11	11	Ferritin heavy chain
FRIL1_MOUSE	3244	20847	126	9	9	Ferritin light chain 1
FSCN1_MOUSE	45	55215	5	2	2	Fascin
FUMH_MOUSE	11789	54550	609	20	20	Fumarate hydratase, mitochondrial
FXR1_MOUSE	120	76517	5	2	2	Fragile X mental retardation syndrome-related protein 1
FYB2_MOUSE	75	82815	4	2	2	FYN-binding protein 2
G3P_MOUSE	127934	36072	5292	35	35	Glyceraldehyde-3-phosphate dehydrogenase
G3ST2_MOUSE	22	47107	1	1	1	Galactose-3-O-sulfotransferase 2
G6PE_MOUSE	26	89442	1	1	1	GDH/6PGL endoplasmic bifunctional protein
G6PI_MOUSE	39239	62955	1907	34	34	Glucose-6-phosphate isomerase
GALK1_MOUSE	17	42668	1	1	1	Galactokinase
GARS_MOUSE	3249	82624	131	18	18	Glycine--tRNA ligase
GBB1_MOUSE	59	38151	3	2	2	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
GCAA_MOUSE	1190	36936	87	8	8	Ig gamma-2A chain C region, A allele
GCDH_MOUSE	40	49088	3	1	1	Glutaryl-CoA dehydrogenase, mitochondrial
GDIA_MOUSE	3256	51059	125	9	5	Rab GDP dissociation inhibitor alpha
GDIB_MOUSE	8222	51018	339	23	19	Rab GDP dissociation inhibitor beta
GDIR1_MOUSE	1965	23450	104	7	7	Rho GDP-dissociation inhibitor 1
GDIR2_MOUSE	21	22894	1	1	1	Rho GDP-dissociation inhibitor 2
GELS_MOUSE	331	86287	34	6	6	Gelsolin
GEPH_MOUSE	32	83971	2	2	2	Gephyrin
GGA1_MOUSE	19	70270	1	1	1	ADP-ribosylation factor-binding protein GGA1
GGYF2_MOUSE	18	149387	1	1	1	GRB10-interacting GYF protein 2
GLGB_MOUSE	2838	80769	145	17	17	1,4-alpha-glucan-branching enzyme
GLNA_MOUSE	283	42834	16	3	3	Glutamine synthetase
GLO2_MOUSE	288	34519	26	3	3	Hydroxyacylglutathione hydrolase, mitochondrial
GLOD4_MOUSE	1664	33581	115	12	12	Glyoxalase domain-containing protein 4
GLRX1_MOUSE	2530	12148	107	4	4	Glutaredoxin-1
GLRX3_MOUSE	709	38039	45	8	8	Glutaredoxin-3
GLUCM_MOUSE	842	67236	39	10	10	D-glutamate cyclase, mitochondrial
GLYC_MOUSE	42	53138	3	1	1	Serine hydroxymethyltransferase, cytosolic
GLYG_MOUSE	1519	37606	95	8	8	Glycogenin-1
GMFB_MOUSE	396	16884	17	2	2	Glia maturation factor beta
GMPR1_MOUSE	2207	37971	107	10	10	GMP reductase 1
GNAL_MOUSE	47	44794	5	1	1	Guanine nucleotide-binding protein G(olf) subunit alpha

GP101_MOUSE	19	56893	1	1	1	Probable G-protein coupled receptor 101
GPD1L_MOUSE	3746	38828	146	14	13	Glycerol-3-phosphate dehydrogenase 1-like protein
GPD_A_MOUSE	26901	38176	1206	24	23	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
GPR87_MOUSE	20	42014	1	1	1	G-protein coupled receptor 87
GPX1_MOUSE	188	22684	25	3	3	Glutathione peroxidase 1
GPX3_MOUSE	272	25720	33	3	3	Glutathione peroxidase 3
GPX4_MOUSE	540	22925	26	3	3	Phospholipid hydroperoxide glutathione peroxidase
GRB2_MOUSE	23	25336	2	1	1	Growth factor receptor-bound protein 2
GRHPR_MOUSE	2964	35706	180	11	11	Glyoxylate reductase/hydroxypyruvate reductase
GRP75_MOUSE	2383	73701	158	20	20	Stress-70 protein, mitochondrial
GRPE1_MOUSE	186	24520	16	2	2	GrpE protein homolog 1, mitochondrial
GSHB_MOUSE	34	52442	2	1	1	Glutathione synthetase
GSHR_MOUSE	1207	54256	74	8	8	Glutathione reductase, mitochondrial
GSTA3_MOUSE	135	25401	19	2	1	Glutathione S-transferase A3
GSTA4_MOUSE	1056	25547	91	8	7	Glutathione S-transferase A4
GSTK1_MOUSE	173	25801	9	3	3	Glutathione S-transferase kappa 1
GSTM1_MOUSE	9929	26067	477	19	16	Glutathione S-transferase Mu 1
GSTM2_MOUSE	6539	25871	336	18	15	Glutathione S-transferase Mu 2
GSTM5_MOUSE	4417	27016	195	13	12	Glutathione S-transferase Mu 5
GSTO1_MOUSE	148	27708	14	6	6	Glutathione S-transferase omega-1
GSTP1_MOUSE	11558	23765	524	10	3	Glutathione S-transferase P 1
GSTP2_MOUSE	6122	23693	290	9	2	Glutathione S-transferase P 2
GSTT1_MOUSE	31	27641	4	2	2	Glutathione S-transferase theta-1
GYS1_MOUSE	3627	84672	225	20	20	Glycogen [starch] synthase, muscle
H10_MOUSE	45	20848	2	2	2	Histone H1.0
H12_MOUSE	297	21254	19	6	6	Histone H1.2
H2A2A_MOUSE	166	14087	15	4	4	Histone H2A type 2-A
H2B1A_MOUSE	107	14285	11	2	2	Histone H2B type 1-A
H3C_MOUSE	75	15363	9	2	2	Histone H3.3C
H4_MOUSE	82	11360	9	2	2	Histone H4
HA10_MOUSE	105	37455	5	3	3	H-2 class I histocompatibility antigen, Q10 alpha chain
HBA_MOUSE	19513	15133	941	11	11	Hemoglobin subunit alpha
HBB1_MOUSE	44005	15944	1570	20	11	Hemoglobin subunit beta-1
HBB2_MOUSE	26001	15982	1078	16	7	Hemoglobin subunit beta-2
HCD2_MOUSE	3139	27516	147	9	9	3-hydroxyacyl-CoA dehydrogenase type-2
HCDH_MOUSE	6541	34613	341	17	17	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
HDDC2_MOUSE	89	22909	2	1	1	HD domain-containing protein 2
HDGF_MOUSE	151	26367	9	2	2	Hepatoma-derived growth factor
HDHD2_MOUSE	1716	28883	121	7	7	Haloacid dehalogenase-like hydrolase domain-containing protein 2
HDHD5_MOUSE	329	46562	23	5	5	Haloacid dehalogenase-like hydrolase domain-containing 5
HECD1_MOUSE	72	292870	2	1	1	E3 ubiquitin-protein ligase HECTD1
HEM2_MOUSE	2407	36456	133	11	11	Delta-aminolevulinic acid dehydratase
HEM3_MOUSE	197	39605	16	3	3	Porphobilinogen deaminase
HEM4_MOUSE	17	28885	1	1	1	Uroporphyrinogen-III synthase
HEMH_MOUSE	37	47670	1	1	1	Ferrochelatase, mitochondrial
HEMO_MOUSE	17810	52026	908	26	26	Hemopexin
HEP2_MOUSE	375	54747	29	9	9	Heparin cofactor 2
HHA1L_MOUSE	390	57021	27	6	6	Protein-cysteine N-palmitoyltransferase HHAT-like protein
HIBCH_MOUSE	1140	43295	96	13	13	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
HINT1_MOUSE	3866	13882	206	6	6	Histidine triad nucleotide-binding protein 1
HINT2_MOUSE	205	17366	14	3	3	Histidine triad nucleotide-binding protein 2, mitochondrial
HMGBl_MOUSE	550	25049	45	3	3	High mobility group protein B1
HMGCL_MOUSE	294	34673	18	4	4	Hydroxymethylglutaryl-CoA lyase, mitochondrial
HNRPD_MOUSE	26	38501	2	1	1	Heterogeneous nuclear ribonucleoprotein D0
HNRPK_MOUSE	2185	51230	107	9	9	Heterogeneous nuclear ribonucleoprotein K
HNRPU_MOUSE	49	88661	2	2	2	Heterogeneous nuclear ribonucleoprotein U
HOOK3_MOUSE	43	83566	2	1	1	Protein Hook homolog 3
HOT_MOUSE	20	50362	1	1	1	Hydroxyacid-oxoacid transhydrogenase, mitochondrial
HPRT_MOUSE	182	24783	10	3	3	Hypoxanthine-guanine phosphoribosyltransferase
HPT_MOUSE	1255	39241	66	8	8	Haptoglobin
HRG_MOUSE	203	60095	13	6	6	Histidine-rich glycoprotein
HS3S2_MOUSE	27	41865	8	1	1	Heparan sulfate glucosamine 3-O-sulfotransferase 2
HS71A_MOUSE	2978	70321	160	7	3	Heat shock 70 kDa protein 1A
HS90A_MOUSE	5944	85134	294	18	7	Heat shock protein HSP 90-alpha
HS90B_MOUSE	16385	83571	887	35	22	Heat shock protein HSP 90-beta
HSDL2_MOUSE	38	54516	2	2	2	Hydroxysteroid dehydrogenase-like protein 2
HSP74_MOUSE	1727	94872	100	17	17	Heat shock 70 kDa protein 4
HSP7C_MOUSE	20369	71055	1011	37	32	Heat shock cognate 71 kDa protein
HSPB1_MOUSE	4798	23057	283	13	13	Heat shock protein beta-1
HSPB2_MOUSE	821	20419	61	3	3	Heat shock protein beta-2
HSPB6_MOUSE	3377	17567	170	9	9	Heat shock protein beta-6
HSPB7_MOUSE	357	18680	15	2	2	Heat shock protein beta-7
HTR5B_MOUSE	29	226799	1	1	1	HEAT repeat-containing protein 5B
HUTH_MOUSE	22	72897	1	1	1	Histidine ammonia-lyase
HUWE1_MOUSE	62	486267	3	2	2	E3 ubiquitin-protein ligase HUWE1
HVM12_MOUSE	72	13089	3	1	1	Ig heavy chain V region MOPC 104E
HVM27_MOUSE	96	12781	4	1	1	Ig heavy chain V-III region A4
HVM56_MOUSE	30	10768	1	1	1	Ig heavy chain V region 914
HXK2_MOUSE	3713	103951	249	31	31	Hexokinase-2
HYAL2_MOUSE	18	54211	1	1	1	Hyaluronidase-2
HYES_MOUSE	779	63045	49	6	6	Bifunctional epoxide hydrolase 2
IC1_MOUSE	160	55834	6	4	4	Plasma protease C1 inhibitor
ICA_MOUSE	687	78711	31	4	3	Inhibitor of carbonic anhydrase

IDE_MOUSE	103	118438	12	4	4	Insulin-degrading enzyme
IDH3A_MOUSE	9931	40069	486	16	16	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial
IDHC_MOUSE	1827	47044	128	16	15	Isocitrate dehydrogenase [NADP] cytoplasmic
IDHG1_MOUSE	4915	43157	307	13	13	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial
IDHP_MOUSE	13760	51330	747	26	25	Isocitrate dehydrogenase [NADP], mitochondrial
IF2A_MOUSE	104	36371	4	2	2	Eukaryotic translation initiation factor 2 subunit 1
IF2G_MOUSE	76	51603	6	1	1	Eukaryotic translation initiation factor 2 subunit 3, X-linked
IF2P_MOUSE	34	137988	1	1	1	Eukaryotic translation initiation factor 5B
IF4A1_MOUSE	3637	46353	194	13	5	Eukaryotic initiation factor 4A-I
IF4A2_MOUSE	3402	46601	185	13	5	Eukaryotic initiation factor 4A-II
IF4B_MOUSE	169	68970	9	2	2	Eukaryotic translation initiation factor 4B
IF4E_MOUSE	77	25266	9	1	1	Eukaryotic translation initiation factor 4E
IF4G1_MOUSE	255	176823	18	6	6	Eukaryotic translation initiation factor 4 gamma 1
IF4G3_MOUSE	121	176092	4	1	1	Eukaryotic translation initiation factor 4 gamma 3
IF4H_MOUSE	97	27381	5	1	1	Eukaryotic translation initiation factor 4H
IF5A1_MOUSE	3662	17049	171	7	7	Eukaryotic translation initiation factor 5A-1
IF6_MOUSE	117	27007	6	2	2	Eukaryotic translation initiation factor 6
IGG2B_MOUSE	763	44972	48	6	6	Ig gamma-2B chain C region
IGH1M_MOUSE	3084	44043	136	11	11	Ig gamma-1 chain C region, membrane-bound form
IGHG3_MOUSE	87	44472	8	5	5	Ig gamma-3 chain C region
IGHM_MOUSE	389	50625	29	6	6	Immunoglobulin heavy constant mu
IGKC_MOUSE	1217	12098	86	7	7	Immunoglobulin kappa constant
IGS10_MOUSE	31	287757	3	1	1	Immunoglobulin superfamily member 10
IL1R2_MOUSE	30	46130	1	1	1	Interleukin-1 receptor type 2
ILEUA_MOUSE	537	42719	39	8	7	Leukocyte elastase inhibitor A
ILK_MOUSE	28	51853	1	1	1	Integrin-linked protein kinase
IMA3_MOUSE	414	58400	30	6	3	Importin subunit alpha-3
IMA4_MOUSE	485	58193	40	10	7	Importin subunit alpha-4
IMA5_MOUSE	77	60886	5	1	1	Importin subunit alpha-5
IMB1_MOUSE	530	98377	40	11	11	Importin subunit beta-1
IMDH1_MOUSE	27	55586	1	1	1	Inosine-5'-monophosphate dehydrogenase 1
IMDH2_MOUSE	25	56179	2	1	1	Inosine-5'-monophosphate dehydrogenase 2
IMPA1_MOUSE	1127	30815	56	4	4	Inositol monophosphatase 1
INHBA_MOUSE	70	48160	16	1	1	Inhibin beta A chain
INMT_MOUSE	1035	30068	57	5	5	Indolethylamine N-methyltransferase
INT4_MOUSE	31	109093	1	1	1	Integrator complex subunit 4
IPKA_MOUSE	79	7956	5	2	2	cAMP-dependent protein kinase inhibitor alpha
IPO5_MOUSE	761	124993	45	10	10	Importin-5
IPO7_MOUSE	213	120721	21	5	5	Importin-7
IPYR_MOUSE	1426	33102	93	9	9	Inorganic pyrophosphatase
IPYR2_MOUSE	143	38546	12	3	3	Inorganic pyrophosphatase 2, mitochondrial
IQGA1_MOUSE	55	189423	3	2	2	Ras GTPase-activating-like protein IQGAP1
IQGA2_MOUSE	51	181100	9	2	2	Ras GTPase-activating-like protein IQGAP2
IRS1_MOUSE	19	131783	1	1	1	Insulin receptor substrate 1
ISC2A_MOUSE	1677	22745	66	5	5	Isochorismatase domain-containing protein 2A
ISOC1_MOUSE	651	32297	51	9	9	Isochorismatase domain-containing protein 1
ITBP2_MOUSE	113	39541	9	1	1	Integrin beta-1-binding protein 2
ITIH1_MOUSE	76	101460	4	3	3	Inter-alpha-trypsin inhibitor heavy chain H1
ITIH2_MOUSE	664	106261	43	15	15	Inter-alpha-trypsin inhibitor heavy chain H2
ITIH3_MOUSE	279	99638	22	6	6	Inter-alpha-trypsin inhibitor heavy chain H3
ITIH4_MOUSE	606	104765	25	10	10	Inter alpha-trypsin inhibitor, heavy chain 4
ITPA_MOUSE	356	22225	42	4	4	Inosine triphosphate pyrophosphatase
ITPR3_MOUSE	40	306931	3	1	1	Inositol 1,4,5-trisphosphate receptor type 3
IVD_MOUSE	2229	46695	161	12	12	Isovaleryl-CoA dehydrogenase, mitochondrial
JIP4_MOUSE	79	146984	2	1	1	C-Jun-amino-terminal kinase-interacting protein 4
JPH1_MOUSE	38	72374	3	2	2	Junctophilin-1
JPH2_MOUSE	28	74818	1	1	1	Junctophilin-2
JSPR1_MOUSE	32	36242	2	1	1	Junctional sarcoplasmic reticulum protein 1
K0319_MOUSE	28	119055	1	1	1	Dyslexia-associated protein KIAA0319 homolog
K1109_MOUSE	24	559349	1	1	1	Uncharacterized protein KIAA1109
K1C14_MOUSE	73	53176	5	4	3	Keratin, type I cytoskeletal 14
K22O_MOUSE	157	63319	11	2	1	Keratin, type II cytoskeletal 2 oral
K2C6A_MOUSE	461	59641	22	3	1	Keratin, type II cytoskeletal 6A
KAD1_MOUSE	43152	21640	1389	18	18	Adenylate kinase isoenzyme 1
KAD2_MOUSE	47	26737	3	1	1	Adenylate kinase 2, mitochondrial
KAD4_MOUSE	24	25160	2	2	2	Adenylate kinase 4, mitochondrial
KANK4_MOUSE	44	111077	2	1	1	KN motif and ankyrin repeat domain-containing protein 4
KAP0_MOUSE	89	43443	10	4	4	cAMP-dependent protein kinase type I-alpha regulatory subunit
KAP2_MOUSE	1376	45703	99	11	11	cAMP-dependent protein kinase type II-alpha regulatory subunit
KAPCA_MOUSE	1751	40659	107	10	4	cAMP-dependent protein kinase catalytic subunit alpha
KAPCB_MOUSE	776	40853	73	8	2	cAMP-dependent protein kinase catalytic subunit beta
KAT1_MOUSE	334	47932	31	4	4	Kynurenine--oxoglutarate transaminase 1
KAT6B_MOUSE	33	211074	1	1	1	Histone acetyltransferase KAT6B
KCC2A_MOUSE	253	54651	26	3	2	Calcium/calmodulin-dependent protein kinase type II subunit alpha
KCC2B_MOUSE	678	61164	41	6	3	Calcium/calmodulin-dependent protein kinase type II subunit beta
KCC2D_MOUSE	619	56961	38	4	1	Calcium/calmodulin-dependent protein kinase type II subunit delta
KCNF1_MOUSE	32	56410	1	1	1	Potassium voltage-gated channel subfamily F member 1
KCRB_MOUSE	1718	42971	139	11	10	Creatine kinase B-type
KCRM_MOUSE	449248	43246	17966	51	49	Creatine kinase M-type
KCRS_MOUSE	31274	47899	1395	26	25	Creatine kinase S-type, mitochondrial
KCY_MOUSE	839	22379	42	6	6	UMP-CMP kinase
KERA_MOUSE	30	40777	1	1	1	Keratocan
KIF11_MOUSE	27	118980	8	1	1	Kinesin-like protein KIF11



KIF4_MOUSE	26	141029	1	1	1	Chromosome-associated kinesin KIF4
KINH_MOUSE	248	110225	16	5	5	Kinesin-1 heavy chain
KLC1_MOUSE	39	61868	3	2	2	Kinesin light chain 1
KLH31_MOUSE	632	71163	22	3	3	Kelch-like protein 31
KLH40_MOUSE	52	70400	2	2	2	Kelch-like protein 40
KLH41_MOUSE	127	68945	15	6	6	Kelch-like protein 41
KNG1_MOUSE	2934	74140	209	15	15	Kininogen-1
KPB1_MOUSE	4450	139877	253	27	27	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform
KPBB_MOUSE	3193	124951	176	21	21	Phosphorylase b kinase regulatory subunit beta
KPCT_MOUSE	47	83059	2	1	1	Protein kinase C theta type
KPRA_MOUSE	733	39692	45	6	5	Phosphoribosyl pyrophosphate synthase-associated protein 1
KPRB_MOUSE	425	41254	34	7	6	Phosphoribosyl pyrophosphate synthase-associated protein 2
KPYM_MOUSE	102386	58378	3969	41	41	Pyruvate kinase PKM
KS6A3_MOUSE	355	83983	25	5	5	Ribosomal protein S6 kinase alpha-3
KT3K_MOUSE	27	34674	1	1	1	Ketosamine-3-kinase
KV2A7_MOUSE	111	12379	3	1	1	Ig kappa chain V-II region 26-10
KV3A1_MOUSE	41	12087	1	1	1	Ig kappa chain V-III region PC 2880/PC 1229
LACB2_MOUSE	109	33019	12	1	1	Endoribonuclease LACTB2
LANC1_MOUSE	18	46053	1	1	1	LanC-like protein 1
LANC2_MOUSE	24	51486	1	1	1	LanC-like protein 2
LCAP_MOUSE	22	117799	1	1	1	Leucyl-cystinyl aminopeptidase
LDB3_MOUSE	6984	77581	396	18	18	LIM domain-binding protein 3
LDHA_MOUSE	50403	36817	2116	33	31	L-lactate dehydrogenase A chain
LDHB_MOUSE	13148	36834	560	21	19	L-lactate dehydrogenase B chain
LEG1_MOUSE	2490	15198	167	7	7	Galectin-1
LEGL_MOUSE	79	19172	5	2	2	Galectin-related protein
LGUL_MOUSE	5763	20967	340	12	12	Lactoylglutathione lyase
LIS1_MOUSE	29	47210	2	1	1	Platelet-activating factor acetylhydrolase IB subunit alpha
LKHA4_MOUSE	1409	69634	76	14	14	Leukotriene A-4 hydrolase
LMCD1_MOUSE	1334	42167	93	16	16	LIM and cysteine-rich domains protein 1
LONM_MOUSE	407	106347	34	8	8	Lon protease homolog, mitochondrial
LOX5_MOUSE	24	78602	1	1	1	Arachidonate 5-lipoxygenase
LPPRC_MOUSE	816	157770	70	17	17	Leucine-rich PPR motif-containing protein, mitochondrial
LRC20_MOUSE	246	20910	34	5	5	Leucine-rich repeat-containing protein 20
LRC47_MOUSE	21	64178	1	1	1	Leucine-rich repeat-containing protein 47
LRC49_MOUSE	39	79397	4	1	1	Leucine-rich repeat-containing protein 49
LRP1_MOUSE	28	523342	1	1	1	Prolow-density lipoprotein receptor-related protein 1
LUM_MOUSE	2553	38640	178	8	8	Lumican
LX12E_MOUSE	20	76092	1	1	1	Arachidonate 12-lipoxygenase, epidermal-type
LYAG_MOUSE	59	106921	2	2	2	Lysosomal alpha-glucosidase
LYPA1_MOUSE	2542	25014	83	6	6	Acyl-protein thioesterase 1
LYPA2_MOUSE	502	25120	24	4	4	Acyl-protein thioesterase 2
LYRM7_MOUSE	18	12096	1	1	1	Complex III assembly factor LYRM7
LZTL1_MOUSE	18	34809	1	1	1	Leucine zipper transcription factor-like protein 1
M2OM_MOUSE	224	34304	16	4	4	Mitochondrial 2-oxoglutarate/malate carrier protein
M3K20_MOUSE	301	92232	21	5	5	Mitogen-activated protein kinase kinase kinase 20
MA2C1_MOUSE	31	116983	3	2	2	Alpha-mannosidase 2C1
MAA1_MOUSE	615	24431	25	5	5	Maleylacetoacetate isomerase
MABP1_MOUSE	18	164615	1	1	1	Mitogen-activated protein kinase-binding protein 1
MACD1_MOUSE	10798	35843	336	10	10	O-acetyl-ADP-ribose deacetylase MACROD1
MAON_MOUSE	2184	67683	92	10	10	NADP-dependent malic enzyme, mitochondrial
MAOX_MOUSE	5588	64540	326	22	22	NADP-dependent malic enzyme
MAP11_MOUSE	38	44163	3	1	1	Methionine aminopeptidase 1
MAP4_MOUSE	237	117927	25	9	9	Microtubule-associated protein 4
MAPK2_MOUSE	19	44421	1	1	1	MAP kinase-activated protein kinase 2
MARE3_MOUSE	44	32231	2	1	1	Microtubule-associated protein RP/EB family member 3
MAT2B_MOUSE	116	37768	9	3	3	Methionine adenosyltransferase 2 subunit beta
MBP_MOUSE	20	27151	1	1	1	Myelin basic protein
MCA3_MOUSE	45	19903	6	1	1	Eukaryotic translation elongation factor 1 epsilon-1
MCCB_MOUSE	55	61910	3	1	1	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
MCTS1_MOUSE	30	20770	1	1	1	Malignant T-cell-amplified sequence 1
MDHC_MOUSE	25441	36659	1014	18	18	Malate dehydrogenase, cytoplasmic
MDHM_MOUSE	47535	36045	1691	22	22	Malate dehydrogenase, mitochondrial
MECR_MOUSE	28	40545	4	3	3	Enoyl-[acyl-carrier-protein] reductase, mitochondrial
MED23_MOUSE	17	157925	1	1	1	Mediator of RNA polymerase II transcription subunit 23
MEG11_MOUSE	18	124417	1	1	1	Multiple epidermal growth factor-like domains protein 11
MEI1_MOUSE	23	142723	1	1	1	Meiosis inhibitor protein 1
MEMO1_MOUSE	72	34070	6	1	1	Protein MEMO1
MESH1_MOUSE	23	20307	1	1	1	Guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase MESH1
MET13_MOUSE	17	79391	1	1	1	Methyltransferase-like protein 13
METK2_MOUSE	376	44003	40	4	4	S-adenosylmethionine synthase isoform type-2
MFAP4_MOUSE	397	29261	17	1	1	Microfibril-associated glycoprotein 4
MGDP1_MOUSE	685	18628	28	2	2	Magnesium-dependent phosphatase 1
MIC60_MOUSE	109	84247	8	2	2	MIC complex subunit Mic60
MIF_MOUSE	1392	12667	80	3	3	Macrophage migration inhibitory factor
MIME_MOUSE	1358	34333	48	3	3	Mimecan
MINP1_MOUSE	64	55130	4	3	3	Multiple inositol polyphosphate phosphatase 1
MINT_MOUSE	25	399881	1	1	1	Msx2-interacting protein
MK01_MOUSE	350	41648	20	6	6	Mitogen-activated protein kinase 1
MK12_MOUSE	2676	42188	173	12	11	Mitogen-activated protein kinase 12
MK14_MOUSE	1333	41489	73	6	5	Mitogen-activated protein kinase 14
MLR5_MOUSE	7125	19057	373	13	13	Myosin regulatory light chain 2, skeletal muscle isoform
MMSA_MOUSE	4155	58335	285	20	20	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial

MOB2_MOUSE	26	27176	1	1	1	MOB kinase activator 2
MOC51_MOUSE	19	70670	1	1	1	Molybdenum cofactor biosynthesis protein 1
MOES_MOUSE	868	67839	75	11	5	Moesin
MOONR_MOUSE	34	109720	3	1	1	Protein moonraker
MP2K1_MOUSE	569	43788	61	7	5	Dual specificity mitogen-activated protein kinase kinase 1
MP2K2_MOUSE	334	44659	38	4	2	Dual specificity mitogen-activated protein kinase kinase 2
MP2K3_MOUSE	866	39613	40	5	4	Dual specificity mitogen-activated protein kinase kinase 3
MP2K4_MOUSE	236	44542	13	2	2	Dual specificity mitogen-activated protein kinase kinase 4
MP2K6_MOUSE	294	37750	21	3	2	Dual specificity mitogen-activated protein kinase kinase 6
MPC1_MOUSE	365	12617	20	2	2	Mitochondrial pyruvate carrier 1
MPCP_MOUSE	792	40063	49	7	7	Phosphate carrier protein, mitochondrial
MPI_MOUSE	2481	47229	136	11	11	Mannose-6-phosphate isomerase
MPP4_MOUSE	17	73038	1	1	1	MAGUK p55 subfamily member 4
MPPA_MOUSE	1211	58755	25	5	5	Mitochondrial-processing peptidase subunit alpha
MRO2B_MOUSE	27	182188	2	2	2	Maestro heat-like repeat-containing protein family member 2B
MSH6_MOUSE	31	152813	2	1	1	DNA mismatch repair protein Msh6
MSRA_MOUSE	56	26200	9	4	4	Mitochondrial peptide methionine sulfoxide reductase
MSRB3_MOUSE	33	27442	3	2	2	Methionine-R-sulfoxide reductase B3, mitochondrial
MSTN1_MOUSE	36	8936	4	1	1	Musculoskeletal embryonic nuclear protein 1
MTAP_MOUSE	150	31612	11	2	2	S-methyl-5'-thioadenosine phosphorylase
MTBP_MOUSE	20	101619	1	1	1	Mdm2-binding protein
MTL26_MOUSE	183	23015	6	2	2	Methyltransferase-like 26
MTM1_MOUSE	24	70028	2	2	2	Myotubularin
MTNA_MOUSE	126	39671	14	3	3	Methylthioribose-1-phosphate isomerase
MTNB_MOUSE	41	27558	1	1	1	Methylthioribulose-1-phosphate dehydratase
MTND_MOUSE	21	21567	1	1	1	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
MTPN_MOUSE	29	13024	1	1	1	Myotrophin
MUG1_MOUSE	5623	166618	351	37	37	Murinoglobulin-1
MUP1_MOUSE	23	20920	1	1	1	Major urinary protein 1
MUTA_MOUSE	242	83248	17	3	3	Methylmalonyl-CoA mutase, mitochondrial
MY18A_MOUSE	37	233637	1	1	1	Unconventional myosin-XVIIIa
MYBPH_MOUSE	31	53065	3	2	2	Myosin-binding protein H
MYBPP_MOUSE	62	106785	8	1	1	MYCBP-associated protein
MYG_MOUSE	58248	17116	2811	18	17	Myoglobin
MYH1_MOUSE	67299	224116	3036	119	19	Myosin-1
MYH11_MOUSE	1036	227743	62	7	4	Myosin-11
MYH3_MOUSE	23819	224736	1235	50	3	Myosin-3
MYH4_MOUSE	109464	223632	4906	145	41	Myosin-4
MYH6_MOUSE	20128	224225	885	41	3	Myosin-6
MYH7_MOUSE	20784	223539	944	45	4	Myosin-7
MYH8_MOUSE	57923	223653	2575	92	5	Myosin-8
MYH9_MOUSE	2191	227429	131	15	13	Myosin-9
MYL1_MOUSE	14914	20695	613	16	13	Myosin light chain 1/3, skeletal muscle isoform
MYL3_MOUSE	2627	22521	162	10	7	Myosin light chain 3
MYL6_MOUSE	1842	17090	115	4	4	Myosin light polypeptide 6
MYLK2_MOUSE	3888	66633	310	22	22	Myosin light chain kinase 2, skeletal/cardiac muscle
MYO1A_MOUSE	18	119418	1	1	1	Unconventional myosin-Ia
MYO5B_MOUSE	27	212092	1	1	1	Unconventional myosin-Vb
MYOC_MOUSE	66	55622	6	3	3	Myocilin
MYOM1_MOUSE	11753	186546	748	64	64	Myomesin-1
MYOM3_MOUSE	71	162761	4	2	2	Myomesin-3
MYOT1_MOUSE	99	55738	10	3	3	Myotilin
MYP0_MOUSE	41	27775	3	2	2	Myelin protein P0
MYPC2_MOUSE	18574	128128	913	54	54	Myosin-binding protein C, fast-type
NACAM_MOUSE	3376	221277	247	48	48	Nascent polypeptide-associated complex subunit alpha, muscle-specific form
NAMPT_MOUSE	197	55698	25	7	7	Nicotinamide phosphoribosyltransferase
NAR3_MOUSE	36	42330	2	2	2	Ecto-ADP-ribosyltransferase 3
NCAM1_MOUSE	19	120152	1	1	1	Neural cell adhesion molecule 1
NDKA_MOUSE	6306	17311	299	8	3	Nucleoside diphosphate kinase A
NDKB_MOUSE	9628	17466	506	11	6	Nucleoside diphosphate kinase B
NDRG2_MOUSE	4447	41105	282	9	9	Protein NDRG2
NDUA4_MOUSE	310	9321	14	4	4	Cytochrome c oxidase subunit NDUFA4
NDUA5_MOUSE	67	13408	4	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5
NDUA9_MOUSE	113	42612	16	4	4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
NDUAA_MOUSE	846	40863	29	2	2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial
NDUAC_MOUSE	155	17133	8	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
NDUAD_MOUSE	167	16849	14	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13
NDUB4_MOUSE	34	15072	1	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4
NDUB8_MOUSE	23	21919	1	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial
NDUC2_MOUSE	66	14211	6	2	2	NADH dehydrogenase [ubiquinone] 1 subunit C2
NDUS1_MOUSE	689	80752	66	13	13	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
NDUS3_MOUSE	549	30302	25	5	5	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
NDUS5_MOUSE	116	12867	5	1	1	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
NDUS7_MOUSE	86	24952	12	2	2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
NDUS8_MOUSE	79	24479	7	1	1	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
NDUV1_MOUSE	232	51486	28	6	6	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
NDUV2_MOUSE	171	27610	13	2	2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
NEDD4_MOUSE	278	103155	23	8	8	E3 ubiquitin-protein ligase NEDD4
NEDD8_MOUSE	1351	8967	57	2	2	NEDD8
NEIL2_MOUSE	27	37210	3	1	1	Endonuclease 8-like 2
NEK9_MOUSE	33	108843	1	1	1	Serine/threonine-protein kinase Nek9
NHLC2_MOUSE	23	79236	1	1	1	NHL repeat-containing protein 2
NID1_MOUSE	19	139302	1	1	1	Nidogen-1

NIF3L_MOUSE	31	42176	2	2	2	NIF3-like protein 1
NIN_MOUSE	23	245791	2	1	1	Ninein
NIPS2_MOUSE	1700	33083	150	12	12	Protein NipSnap homolog 2
NIT1_MOUSE	62	36423	4	1	1	Deaminated glutathione amidase
NIT2_MOUSE	747	30825	46	5	5	Omega-amidase NIT2
NLTP_MOUSE	28	59715	2	2	2	Non-specific lipid-transfer protein
NNRD_MOUSE	159	37093	18	3	3	ATP-dependent (S)-NAD(P)H-hydrate dehydratase
NNRE_MOUSE	71	31295	11	3	3	NAD(P)H-hydrate epimerase
NOL3_MOUSE	1985	24781	82	7	7	Nucleolar protein 3
NP1L1_MOUSE	282	45602	21	2	1	Nucleosome assembly protein 1-like 1
NP1L4_MOUSE	559	42824	37	5	4	Nucleosome assembly protein 1-like 4
NPM_MOUSE	40	32711	3	1	1	Nucleophosmin
NQO1_MOUSE	64	30997	3	2	2	NAD(P)H dehydrogenase [quinone] 1
NQO2_MOUSE	600	26459	42	7	7	Ribosyldihydronicotinamide dehydrogenase [quinone]
NR1D1_MOUSE	23	67615	2	1	1	Nuclear receptor subfamily 1 group D member 1
NRBP_MOUSE	23	60398	1	1	1	Nuclear receptor-binding protein
NRK_MOUSE	28	164515	1	1	1	Nik-related protein kinase
NRK2_MOUSE	43	22531	3	1	1	Nicotinamide riboside kinase 2
NSF1C_MOUSE	1078	40685	93	13	13	NSFL1 cofactor p47
NT5C_MOUSE	17	23290	1	1	1	5'(3')-deoxyribonucleotidase, cytosolic type
NTF2_MOUSE	371	14640	38	5	5	Nuclear transport factor 2
NU5M_MOUSE	188	68771	9	1	1	NADH-ubiquinone oxidoreductase chain 5
NUAK1_MOUSE	17	74129	1	1	1	NUAK family SNF1-like kinase 1
NUCG_MOUSE	35	32285	3	2	2	Endonuclease G, mitochondrial
NUCL_MOUSE	30	76734	2	2	2	Nucleolin
NUD13_MOUSE	38	39682	4	1	1	Nucleoside diphosphate-linked moiety X motif 13
NUD14_MOUSE	25	24656	1	1	1	Uridine diphosphate glucose pyrophosphatase
NUD16_MOUSE	65	21926	7	2	2	U8 snoRNA-decapping enzyme
NUDT3_MOUSE	29	19246	1	1	1	Diphosphoinositol polyphosphate phosphohydrolase 1
NXN_MOUSE	34	48713	3	2	2	Nucleoredoxin
OAT_MOUSE	3006	48723	139	9	9	Ornithine aminotransferase, mitochondrial
OBSCN_MOUSE	854	979281	84	21	21	Obscurin
OCAD1_MOUSE	21	27821	1	1	1	OCIA domain-containing protein 1
OCTC_MOUSE	357	71131	25	3	3	Peroxisomal carnitine O-octanoyltransferase
ODO1_MOUSE	13630	117572	675	41	41	2-oxoglutarate dehydrogenase, mitochondrial
ODO2_MOUSE	4964	49306	243	11	11	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial
ODP2_MOUSE	3768	68469	211	16	16	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
ODPA_MOUSE	5552	43888	275	15	15	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
ODPB_MOUSE	4060	39254	269	12	12	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial
ODPX_MOUSE	389	54250	32	7	7	Pyruvate dehydrogenase protein X component, mitochondrial
OLA1_MOUSE	3324	44929	184	14	14	Obg-like ATPase 1
OPLA_MOUSE	322	138950	22	6	6	5-oxoprolinase
ORN_MOUSE	70	26950	5	1	1	Oligoribonuclease, mitochondrial
OSBP1_MOUSE	57	89596	8	3	3	Oxysterol-binding protein 1
OSGEP_MOUSE	101	36790	5	1	1	Probable tRNA N6-adenosine threonylcarbamoyltransferase
OTUB1_MOUSE	2105	31478	125	8	8	Ubiquitin thioesterase OTUB1
OXR1_MOUSE	17	96309	1	1	1	Oxidation resistance protein 1
OXSR1_MOUSE	1058	58462	51	7	7	Serine/threonine-protein kinase R1
P20D2_MOUSE	36	46852	2	1	1	Peptidase M20 domain-containing protein 2
PA1B2_MOUSE	1416	25736	75	3	3	Platelet-activating factor acetylhydrolase IB subunit beta
PABP1_MOUSE	106	70854	7	2	2	Polyadenylate-binding protein 1
PACN3_MOUSE	25	48897	1	1	1	Protein kinase C and casein kinase II substrate protein 3
PADI2_MOUSE	4122	76942	209	16	16	Protein-arginine deiminase type-2
PALMD_MOUSE	61	62833	14	1	1	Palmdelphin
PAN2_MOUSE	35	136650	2	2	2	PAN2-PAN3 deadenylation complex catalytic subunit Pan2
PANK4_MOUSE	120	92433	8	3	3	Pantothenate kinase 4
PAOX_MOUSE	20	55868	1	1	1	Peroxisomal N(1)-acetyl-spermine/spermidine oxidase
PAQR9_MOUSE	39	43568	5	1	1	Membrane progesterone receptor epsilon
PARK7_MOUSE	12404	20236	601	17	17	Protein/nucleic acid deglycase DJ-1
PARP9_MOUSE	33	97566	2	1	1	Poly [ADP-ribose] polymerase 9
PARVB_MOUSE	145	41700	11	2	2	Beta-parvin
PBIP1_MOUSE	51	81514	4	1	1	Pre-B-cell leukemia transcription factor-interacting protein 1
PCBP1_MOUSE	176	37987	19	6	4	Poly(rC)-binding protein 1
PCBP2_MOUSE	99	38597	12	4	2	Poly(rC)-binding protein 2
PCCA_MOUSE	151	80498	15	5	5	Propionyl-CoA carboxylase alpha chain, mitochondrial
PCCB_MOUSE	313	58999	18	7	7	Propionyl-CoA carboxylase beta chain, mitochondrial
PCD19_MOUSE	31	127154	1	1	1	Protocadherin-19
PCLO_MOUSE	63	552378	5	1	1	Protein piccolo
PCM1_MOUSE	19	230131	2	1	1	Pericentriolar material 1 protein
PCY2_MOUSE	22	45663	1	1	1	Ethanolamine-phosphate cytidyltransferase
PDC6I_MOUSE	277	96534	21	11	11	Programmed cell death 6-interacting protein
PDCD5_MOUSE	178	14266	20	4	4	Programmed cell death protein 5
PDCD6_MOUSE	49	21911	4	1	1	Programmed cell death protein 6
PDIA1_MOUSE	7164	57422	400	25	25	Protein disulfide-isomerase
PDIA3_MOUSE	1399	57099	94	13	13	Protein disulfide-isomerase A3
PDIA6_MOUSE	1046	48469	59	8	8	Protein disulfide-isomerase A6
PDK2_MOUSE	1374	46239	71	8	8	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
PDK4_MOUSE	338	46909	28	4	4	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial
PDLI3_MOUSE	5383	34734	240	11	11	PDZ and LIM domain protein 3
PDLI5_MOUSE	838	64514	67	6	6	PDZ and LIM domain protein 5
PDLI7_MOUSE	526	51170	40	4	4	PDZ and LIM domain protein 7
PDP1_MOUSE	104	61712	9	4	4	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial
PDPR_MOUSE	210	100079	18	2	2	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial

PDXK_MOUSE	188	35278	16	3	3	Pyridoxal kinase
PEAK1_MOUSE	17	193088	1	1	1	Pseudopodium-enriched atypical kinase 1
PEBP1_MOUSE	9095	20988	416	11	11	Phosphatidylethanolamine-binding protein 1
PEDF_MOUSE	214	46262	13	5	5	Pigment epithelium-derived factor
PEPD_MOUSE	766	55962	62	11	11	Xaa-Pro dipeptidase
PEPL1_MOUSE	252	56817	19	2	2	Probable aminopeptidase NPEPL1
PEX10_MOUSE	96	37704	7	1	1	Peroxisome biogenesis factor 10
PEX6_MOUSE	35	105681	1	1	1	Peroxisome assembly factor 2
PFD3_MOUSE	235	22592	9	2	2	Prefoldin subunit 3
PFD5_MOUSE	118	17402	7	1	1	Prefoldin subunit 5
PFKAL_MOUSE	6821	86104	294	5	1	ATP-dependent 6-phosphofructokinase, liver type
PFKAM_MOUSE	75686	86070	2871	43	39	ATP-dependent 6-phosphofructokinase, muscle type
PGAM1_MOUSE	5513	28928	240	9	4	Phosphoglycerate mutase 1
PGAM2_MOUSE	43092	28980	1980	25	20	Phosphoglycerate mutase 2
PGFS_MOUSE	400	22055	36	5	5	Prostamide/prostaglandin F synthase
PGK1_MOUSE	54777	44921	2382	34	27	Phosphoglycerate kinase 1
PGK2_MOUSE	10410	45223	441	9	2	Phosphoglycerate kinase 2
PGM1_MOUSE	57797	61665	2419	44	44	Phosphoglucomutase-1
PGM5_MOUSE	357	62751	53	2	2	Phosphoglucomutase-like protein 5
PGP_MOUSE	2357	34975	131	11	11	Glycerol-3-phosphate phosphatase
PCRP2_MOUSE	48	58184	1	1	1	N-acetylmuramoyl-L-alanine amidase
PGS1_MOUSE	99	42069	5	1	1	Biglycan
PGS2_MOUSE	699	40126	76	5	5	Decorin
PGTA_MOUSE	115	66203	13	3	3	Geranylgeranyl transferase type-2 subunit alpha
PHB_MOUSE	91	29859	4	1	1	Prohibitin
PHB2_MOUSE	25	33276	1	1	1	Prohibitin-2
PHF8_MOUSE	25	114508	1	1	1	Histone lysine demethylase PHF8
PHKG1_MOUSE	758	45387	74	8	8	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
PHOP1_MOUSE	30	30348	4	3	3	Phosphoethanolamine/phosphocholine phosphatase
PHP14_MOUSE	686	14159	64	5	5	14 kDa phosphohistidine phosphatase
PICAL_MOUSE	26	71669	2	1	1	Phosphatidylinositol-binding clathrin assembly protein
PIMT_MOUSE	838	24676	67	7	7	Protein-L-isoaspartate(D-aspartate) O-methyltransferase
PIN1_MOUSE	45	18473	3	1	1	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
PIPNA_MOUSE	864	32101	35	3	3	Phosphatidylinositol transfer protein alpha isoform
PIPNB_MOUSE	47	31752	4	1	1	Phosphatidylinositol transfer protein beta isoform
PK3CA_MOUSE	18	126099	1	1	1	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform
PKHA1_MOUSE	18	43743	1	1	1	Pleckstrin homology domain-containing family A member 1
PKHH3_MOUSE	24	86872	1	1	1	Pleckstrin homology domain-containing family H member 3
PLAP_MOUSE	36	88591	2	1	1	Phospholipase A-2-activating protein
PLCD4_MOUSE	256	93547	11	1	1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
PLEC_MOUSE	818	535800	42	10	10	Plectin
PLIN4_MOUSE	459	140297	30	6	6	Perilipin-4
PLMN_MOUSE	596	93486	41	9	9	Plasminogen
PLPHP_MOUSE	453	30201	45	4	4	Pyridoxal phosphate homeostasis protein
PLSL_MOUSE	65	70732	6	2	2	Plastin-2
PLXA4_MOUSE	24	215787	1	1	1	Plexin-A4
PMGE_MOUSE	872	30131	66	7	7	Bisphosphoglycerate mutase
PMM2_MOUSE	22	27981	1	1	1	Phosphomannomutase 2
PNCB_MOUSE	18	58799	1	1	1	Nicotinate phosphoribosyltransferase
PNPH_MOUSE	124	32541	10	5	5	Purine nucleoside phosphorylase
PNPO_MOUSE	23	30437	1	1	1	Pyridoxine-5'-phosphate oxidase
PP14B_MOUSE	58	16061	2	1	1	Protein phosphatase 1 regulatory subunit 14B
PP1A_MOUSE	944	38257	60	6	1	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
PP1B_MOUSE	1009	37961	68	8	3	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
PP1R7_MOUSE	890	41380	57	9	9	Protein phosphatase 1 regulatory subunit 7
PP2AA_MOUSE	634	36156	51	7	7	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
PP2BA_MOUSE	445	59291	40	3	1	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
PP2BB_MOUSE	493	59820	40	3	1	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform
PP6R3_MOUSE	59	95449	4	1	1	Serine/threonine-protein phosphatase 6 regulatory subunit 3
PPA6_MOUSE	38	47994	2	2	2	Lysophosphatidic acid phosphatase type 6
PPAC_MOUSE	2040	18636	93	6	6	Low molecular weight phosphotyrosine protein phosphatase
PPCE_MOUSE	2070	81669	134	15	15	Prolyl endopeptidase
PPCS_MOUSE	33	33830	2	1	1	Phosphopantothenate--cysteine ligase
PPIA_MOUSE	4231	18131	203	11	11	Peptidyl-prolyl cis-trans isomerase A
PPIB_MOUSE	116	23699	14	3	3	Peptidyl-prolyl cis-trans isomerase B
PPID_MOUSE	91	41116	7	1	1	Peptidyl-prolyl cis-trans isomerase D
PPM1A_MOUSE	37	42976	3	2	2	Protein phosphatase 1A
PPM1F_MOUSE	226	49922	12	1	1	Protein phosphatase 1F
PPME1_MOUSE	209	42628	18	1	1	Protein phosphatase methylesterase 1
PPP5_MOUSE	35	57467	3	3	3	Serine/threonine-protein phosphatase 5
PPP6_MOUSE	18	35821	1	1	1	Serine/threonine-protein phosphatase 6 catalytic subunit
PRAF3_MOUSE	38	21543	1	1	1	PRA1 family protein 3
PRDX1_MOUSE	3980	22390	330	15	15	Peroxisiredoxin-1
PRDX2_MOUSE	8875	21936	353	12	12	Peroxisiredoxin-2
PRDX3_MOUSE	6054	28337	347	11	11	Thioredoxin-dependent peroxide reductase, mitochondrial
PRDX5_MOUSE	7465	22226	284	11	11	Peroxisiredoxin-5, mitochondrial
PRDX6_MOUSE	9702	24969	428	13	13	Peroxisiredoxin-6
PRELP_MOUSE	1523	43607	71	7	7	Prolargin
PREP_MOUSE	24	118438	1	1	1	Presequence protease, mitochondrial
PRKN_MOUSE	18	53523	1	1	1	E3 ubiquitin-protein ligase parkin
PROF1_MOUSE	4120	15119	246	6	6	Profilin-1
PROF2_MOUSE	950	15364	81	5	5	Profilin-2
PRPS1_MOUSE	12417	35325	399	15	15	Ribose-phosphate pyrophosphokinase 1

PRR33_MOUSE	49	28673	4	1	1	Proline-rich protein 33
PRS10_MOUSE	307	44430	24	7	7	26S proteasome regulatory subunit 10B
PRS4_MOUSE	62	49325	4	3	3	26S proteasome regulatory subunit 4
PRS6A_MOUSE	83	49803	9	4	4	26S proteasome regulatory subunit 6A
PRS6B_MOUSE	30	47493	1	1	1	26S proteasome regulatory subunit 6B
PRS7_MOUSE	163	49016	14	4	4	26S proteasome regulatory subunit 7
PRS8_MOUSE	322	45768	28	7	7	26S proteasome regulatory subunit 8
PRUN1_MOUSE	364	50892	24	4	4	Exopolyphosphatase PRUNE1
PRVA_MOUSE	20324	11923	779	16	16	Parvalbumin alpha
PSA_MOUSE	2825	103944	213	27	27	Puromycin-sensitive aminopeptidase
PSA1_MOUSE	466	29813	73	7	7	Proteasome subunit alpha type-1
PSA2_MOUSE	1364	26024	67	8	8	Proteasome subunit alpha type-2
PSA3_MOUSE	534	28615	31	6	6	Proteasome subunit alpha type-3
PSA4_MOUSE	750	29737	50	7	7	Proteasome subunit alpha type-4
PSA5_MOUSE	174	26565	12	5	5	Proteasome subunit alpha type-5
PSA6_MOUSE	734	27811	42	5	5	Proteasome subunit alpha type-6
PSA7_MOUSE	731	28009	42	5	5	Proteasome subunit alpha type-7
PSB1_MOUSE	589	26583	42	6	6	Proteasome subunit beta type-1
PSB2_MOUSE	676	23063	23	2	2	Proteasome subunit beta type-2
PSB3_MOUSE	942	23235	25	2	2	Proteasome subunit beta type-3
PSB4_MOUSE	84	29211	9	2	2	Proteasome subunit beta type-4
PSB5_MOUSE	309	28685	20	8	8	Proteasome subunit beta type-5
PSB6_MOUSE	361	25591	34	4	4	Proteasome subunit beta type-6
PSB7_MOUSE	82	30214	7	2	2	Proteasome subunit beta type-7
PSD11_MOUSE	267	47692	27	10	10	26S proteasome non-ATPase regulatory subunit 11
PSD12_MOUSE	495	53261	27	5	5	26S proteasome non-ATPase regulatory subunit 12
PSD13_MOUSE	478	43124	30	6	6	26S proteasome non-ATPase regulatory subunit 13
PSDE_MOUSE	146	34726	20	4	4	26S proteasome non-ATPase regulatory subunit 14
PSMD1_MOUSE	710	106689	45	11	11	26S proteasome non-ATPase regulatory subunit 1
PSMD2_MOUSE	788	100937	58	12	12	26S proteasome non-ATPase regulatory subunit 2
PSMD3_MOUSE	716	60794	33	6	6	26S proteasome non-ATPase regulatory subunit 3
PSMD5_MOUSE	249	56336	16	3	3	26S proteasome non-ATPase regulatory subunit 5
PSMD6_MOUSE	861	45792	33	5	5	26S proteasome non-ATPase regulatory subunit 6
PSMD7_MOUSE	903	36574	30	5	5	26S proteasome non-ATPase regulatory subunit 7
PSMD8_MOUSE	51	40190	4	3	3	26S proteasome non-ATPase regulatory subunit 8
PSME1_MOUSE	721	28826	44	3	3	Proteasome activator complex subunit 1
PSME2_MOUSE	431	27268	38	5	5	Proteasome activator complex subunit 2
PSME4_MOUSE	59	213456	4	1	1	Proteasome activator complex subunit 4
PSYR_MOUSE	70	40103	21	1	1	Psychosine receptor
PTER_MOUSE	163	39535	17	7	7	Phosphotriesterase-related protein
PTG3L_MOUSE	48	15814	4	1	1	Putative protein PTGES3L
PTGR2_MOUSE	465	38447	33	4	4	Prostaglandin reductase 2
PTGR3_MOUSE	46	40788	3	2	2	Prostaglandin reductase-3
PTN11_MOUSE	280	68988	16	4	4	Tyrosine-protein phosphatase non-receptor type 11
PTPA_MOUSE	267	36972	17	4	4	Serine/threonine-protein phosphatase 2A activator
PTPRU_MOUSE	26	164329	3	1	1	Receptor-type tyrosine-protein phosphatase U
PUR2_MOUSE	1993	108633	118	14	14	Trifunctional purine biosynthetic protein adenosine-3
PUR6_MOUSE	1603	47717	82	11	11	Multifunctional protein ADE2
PUR8_MOUSE	6344	55572	291	18	18	Adenylosuccinate lyase
PUR9_MOUSE	3466	64690	216	22	22	Bifunctional purine biosynthesis protein PURH
PURA_MOUSE	47	34976	2	1	1	Transcriptional activator protein Pur-alpha
PURA1_MOUSE	27535	50508	1296	26	26	Adenylosuccinate synthetase isozyme 1
PX11C_MOUSE	21	27533	1	1	1	Peroxisomal membrane protein 11C
PYC_MOUSE	882	130344	69	14	14	Pyruvate carboxylase, mitochondrial
PYGM_MOUSE	122076	97681	4563	70	70	Glycogen phosphorylase, muscle form
PYRG1_MOUSE	33	67324	3	3	3	CTP synthase 1
PZP_MOUSE	13466	167116	742	47	47	Pregnancy zone protein
QCR1_MOUSE	1799	53446	114	12	12	Cytochrome b-c1 complex subunit 1, mitochondrial
QCR10_MOUSE	29	6534	4	1	1	Cytochrome b-c1 complex subunit 10
QCR2_MOUSE	1905	48262	103	14	14	Cytochrome b-c1 complex subunit 2, mitochondrial
QCR6_MOUSE	74	10713	2	1	1	Cytochrome b-c1 complex subunit 6, mitochondrial
QCR8_MOUSE	258	9762	20	3	3	Cytochrome b-c1 complex subunit 8
QCR9_MOUSE	216	7441	18	2	2	Cytochrome b-c1 complex subunit 9
QOR_MOUSE	592	35531	66	10	10	Quinone oxidoreductase
QSOX1_MOUSE	34	83531	2	2	2	Sulfhydryl oxidase 1
RAB10_MOUSE	1790	22755	76	5	4	Ras-related protein Rab-10
RAB12_MOUSE	330	27653	17	2	1	Ras-related protein Rab-12
RAB5A_MOUSE	133	23812	11	1	1	Ras-related protein Rab-5A
RAB7A_MOUSE	29	23760	1	1	1	Ras-related protein Rab-7a
RAC1_MOUSE	686	21835	79	6	5	Ras-related C3 botulinum toxin substrate 1
RACK1_MOUSE	452	35511	27	7	7	Receptor of activated protein C kinase 1
RAD54_MOUSE	36	85724	1	1	1	DNA repair and recombination protein RAD54-like
RADI_MOUSE	1055	68614	103	17	11	Radixin
RAN_MOUSE	2196	24579	142	7	7	GTP-binding nuclear protein Ran
RAP1A_MOUSE	289	21316	13	1	1	Ras-related protein Rap-1A
RB11B_MOUSE	39	24589	2	2	2	Ras-related protein Rab-11B
RBBP7_MOUSE	64	48102	4	1	1	Histone-binding protein RBBP7
RBBP9_MOUSE	29	21069	2	1	1	Putative hydrolase RBBP9
RBM3_MOUSE	113	16595	12	2	2	RNA-binding protein 3
RBM7_MOUSE	19	30130	1	1	1	RNA-binding protein 7
RBP2_MOUSE	20	344727	1	1	1	E3 SUMO-protein ligase RanBP2
RBSK_MOUSE	23	34610	1	1	1	Ribokinase
RD23A_MOUSE	422	39739	25	3	2	UV excision repair protein RAD23 homolog A

RD23B_MOUSE	465	43543	26	4	3	UV excision repair protein RAD23 homolog B
RFTN1_MOUSE	22	61955	2	1	1	Raftlin
RHOA_MOUSE	552	22110	48	5	5	Transforming protein RhoA
RIC1_MOUSE	17	160495	1	1	1	RAB6A-GEF complex partner protein 1
RIFK_MOUSE	131	17483	10	1	1	Riboflavin kinase
RIMB1_MOUSE	52	202143	6	1	1	Peripheral-type benzodiazepine receptor-associated protein 1
RINI_MOUSE	1664	51495	116	14	14	Ribonuclease inhibitor
RL10L_MOUSE	35	24998	3	1	1	60S ribosomal protein L10-like
RL12_MOUSE	29	17965	1	1	1	60S ribosomal protein L12
RL14_MOUSE	46	23663	2	1	1	60S ribosomal protein L14
RL17_MOUSE	28	21637	1	1	1	60S ribosomal protein L17
RL18A_MOUSE	29	21004	1	1	1	60S ribosomal protein L18a
RL19_MOUSE	22	23565	1	1	1	60S ribosomal protein L19
RL22_MOUSE	26	14807	1	1	1	60S ribosomal protein L22
RL23_MOUSE	27	14970	1	1	1	60S ribosomal protein L23
RL26_MOUSE	33	17248	2	1	1	60S ribosomal protein L26
RL27_MOUSE	31	15788	3	2	2	60S ribosomal protein L27
RL27A_MOUSE	49	16709	4	1	1	60S ribosomal protein L27a
RL30_MOUSE	37	12947	2	1	1	60S ribosomal protein L30
RL31_MOUSE	49	14454	2	1	1	60S ribosomal protein L31
RL4_MOUSE	33	47409	3	2	2	60S ribosomal protein L4
RL7_MOUSE	128	31457	10	2	2	60S ribosomal protein L7
RL7A_MOUSE	24	30129	2	1	1	60S ribosomal protein L7a
RL8_MOUSE	147	28235	6	1	1	60S ribosomal protein L8
RL9_MOUSE	24	21982	1	1	1	60S ribosomal protein L9
RM21_MOUSE	25	23466	3	1	1	39S ribosomal protein L21, mitochondrial
RMD1_MOUSE	38	35263	1	1	1	Regulator of microtubule dynamics protein 1
RN123_MOUSE	488	150040	20	2	2	E3 ubiquitin-protein ligase RNF123
RNAS4_MOUSE	21	17470	1	1	1	Ribonuclease 4
RNF14_MOUSE	62	56601	3	1	1	E3 ubiquitin-protein ligase RNF14
RNF31_MOUSE	107	122374	11	1	1	E3 ubiquitin-protein ligase RNF31
ROA2_MOUSE	222	37437	13	4	4	Heterogeneous nuclear ribonucleoproteins A2/B1
ROA3_MOUSE	47	39856	3	1	1	Heterogeneous nuclear ribonucleoprotein A3
ROAA_MOUSE	22	30926	2	1	1	Heterogeneous nuclear ribonucleoprotein A/B
ROBO1_MOUSE	17	177552	1	1	1	Roundabout homolog 1
RP3A_MOUSE	21	76297	1	1	1	Rabphilin-3A
RPIA_MOUSE	116	32545	6	2	2	Ribose-5-phosphate isomerase
RRAGA_MOUSE	238	36942	14	1	1	Ras-related GTP-binding protein A
RRAGC_MOUSE	28	44492	1	1	1	Ras-related GTP-binding protein C
RS10_MOUSE	490	18904	22	2	2	40S ribosomal protein S10
RS11_MOUSE	37	18590	5	2	2	40S ribosomal protein S11
RS12_MOUSE	32	14858	1	1	1	40S ribosomal protein S12
RS13_MOUSE	346	17212	33	5	5	40S ribosomal protein S13
RS14_MOUSE	132	16434	11	2	2	40S ribosomal protein S14
RS15_MOUSE	80	17029	3	1	1	40S ribosomal protein S15
RS15A_MOUSE	71	14944	6	1	1	40S ribosomal protein S15a
RS16_MOUSE	218	16549	15	3	3	40S ribosomal protein S16
RS17_MOUSE	18	15571	1	1	1	40S ribosomal protein S17
RS18_MOUSE	163	17708	11	3	3	40S ribosomal protein S18
RS19_MOUSE	267	16076	19	3	3	40S ribosomal protein S19
RS2_MOUSE	370	31497	19	4	4	40S ribosomal protein S2
RS20_MOUSE	255	13478	21	3	3	40S ribosomal protein S20
RS21_MOUSE	21	9250	1	1	1	40S ribosomal protein S21
RS23_MOUSE	32	15969	1	1	1	40S ribosomal protein S23
RS24_MOUSE	236	15413	10	1	1	40S ribosomal protein S24
RS25_MOUSE	162	13791	17	5	5	40S ribosomal protein S25
RS26_MOUSE	62	13292	3	1	1	40S ribosomal protein S26
RS27A_MOUSE	1492	18282	82	3	3	Ubiquitin-40S ribosomal protein S27a
RS28_MOUSE	41	7893	2	1	1	40S ribosomal protein S28
RS3_MOUSE	416	26828	31	9	9	40S ribosomal protein S3
RS3A_MOUSE	101	30094	12	7	7	40S ribosomal protein S3a
RS4X_MOUSE	202	29807	14	4	4	40S ribosomal protein S4, X isoform
RS5_MOUSE	73	23046	6	2	2	40S ribosomal protein S5
RS6_MOUSE	217	28834	13	2	2	40S ribosomal protein S6
RS7_MOUSE	366	22113	27	3	3	40S ribosomal protein S7
RS8_MOUSE	105	24475	9	3	3	40S ribosomal protein S8
RS9_MOUSE	73	22635	8	4	4	40S ribosomal protein S9
RSCA1_MOUSE	35	62125	1	1	1	Regulatory solute carrier protein family 1 member 1
RSP01_MOUSE	22	30624	1	1	1	R-spondin-1
RSSA_MOUSE	1444	32931	73	7	7	40S ribosomal protein S4
RSU1_MOUSE	703	31531	63	5	5	Ras suppressor protein 1
RT30_MOUSE	23	50364	1	1	1	28S ribosomal protein S30, mitochondrial
RTCA_MOUSE	46	39686	3	2	2	RNA 3'-terminal phosphate cyclase
RTCB_MOUSE	21	55727	1	1	1	tRNA-splicing ligase RtcB homolog
RTN2_MOUSE	1317	51543	60	6	6	Reticulon-2
RTN4_MOUSE	93	127048	11	3	3	Reticulon-4
RTRAF_MOUSE	320	28249	12	1	1	RNA transcription, translation and transport factor protein
RUFY1_MOUSE	34	81466	3	1	1	RUN and FYVE domain-containing protein 1
RYR1_MOUSE	571	570381	45	11	11	Ryanodine receptor 1
S10A1_MOUSE	1253	10555	47	2	2	Protein S100-A1
S10A4_MOUSE	27	11942	3	1	1	Protein S100-A4
S10A6_MOUSE	280	10101	19	4	4	Protein S100-A6
SAE2_MOUSE	57	71209	4	1	1	SUMO-activating enzyme subunit 2

SAHH_MOUSE	2855	48170	172	13	13	Adenosylhomocysteinase
SAMP_MOUSE	35	26401	2	2	2	Serum amyloid P-component
SAP_MOUSE	64	63263	7	2	2	Prosaposin
SAR1B_MOUSE	933	22482	55	4	4	GTP-binding protein SAR1b
SBP1_MOUSE	678	53051	59	10	10	Methanethiol oxidase
SCOT1_MOUSE	4765	56352	220	19	19	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
SCRN2_MOUSE	1781	47141	78	8	8	Secemin-2
SCRN3_MOUSE	2205	48030	130	11	11	Secemin-3
SDHA_MOUSE	2716	73623	90	14	14	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
SDHB_MOUSE	300	32591	25	6	6	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
SEPT2_MOUSE	23	41727	2	2	2	Septin-2
SEPT7_MOUSE	87	50860	12	2	2	Septin-7
SERHL_MOUSE	40	35573	1	1	1	Serine hydrolase-like protein
SETB1_MOUSE	19	146453	1	1	1	Histone-lysine N-methyltransferase SETDB1
SGT1_MOUSE	76	38420	9	2	2	Protein SGT1 homolog
SGTA_MOUSE	37	34529	1	1	1	Small glutamine-rich tetratricopeptide repeat-containing protein alpha
SH2B1_MOUSE	33	80032	1	1	1	SH2B adapter protein 1
SH3BG_MOUSE	1405	23146	106	7	7	SH3 domain-binding glutamic acid-rich protein
SIAS_MOUSE	185	40455	15	2	2	Sialic acid synthase
SIR2_MOUSE	316	43856	19	2	2	NAD-dependent protein deacetylase sirtuin-2
SKP1_MOUSE	175	18831	8	1	1	S-phase kinase-associated protein 1
SLIRP_MOUSE	39	12654	2	2	2	SRA stem-loop-interacting RNA-binding protein, mitochondrial
SLIT2_MOUSE	17	174717	1	1	1	Slit homolog 2 protein
SMPX_MOUSE	17	9247	1	1	1	Small muscular protein
SMTL2_MOUSE	292	49778	13	2	2	Smoothelin-like protein 2
SMYD1_MOUSE	4807	57428	197	17	17	Histone-lysine N-methyltransferase Smyd1
SMYD2_MOUSE	156	50618	12	1	1	N-lysine methyltransferase SMYD2
SMYD5_MOUSE	25	48319	1	1	1	SET and MYND domain-containing protein 5
SNTA1_MOUSE	272	54088	27	6	6	Alpha-1-syntrophin
SNX12_MOUSE	18	19275	1	1	1	Sorting nexin-12
SNX19_MOUSE	24	111107	1	1	1	Sorting nexin-19
SNX3_MOUSE	75	18803	7	1	1	Sorting nexin-3
SOCs1_MOUSE	22	23985	1	1	1	Suppressor of cytokine signaling 1
SODC_MOUSE	4528	16104	175	8	8	Superoxide dismutase [Cu-Zn]
SODE_MOUSE	20	27717	1	1	1	Extracellular superoxide dismutase [Cu-Zn]
SODM_MOUSE	4196	24816	245	11	11	Superoxide dismutase [Mn], mitochondrial
SOGA1_MOUSE	23	160627	1	1	1	Protein SOGA1
SPA3K_MOUSE	21594	47021	897	24	16	Serine protease inhibitor A3K
SPA3M_MOUSE	7575	47205	354	10	1	Serine protease inhibitor A3M
SPA3N_MOUSE	4229	46859	176	7	3	Serine protease inhibitor A3N
SPB6_MOUSE	12160	42913	648	21	21	Serpin B6
SPCS_MOUSE	203	56032	23	1	1	O-phosphoseryl-tRNA(Sec) selenium transferase
SPI2_MOUSE	199	45861	13	2	1	Serpin I2
SPN90_MOUSE	28	79207	1	1	1	NCK-interacting protein with SH3 domain
SPRE_MOUSE	4376	28208	201	10	10	Sepiapterin reductase
SPRY4_MOUSE	58	23374	7	2	2	SPRY domain-containing protein 4
SPS1_MOUSE	24	43392	2	1	1	Selenide, water dikinase 1
SPSY_MOUSE	1485	41743	107	14	14	Spermine synthase
SPTB1_MOUSE	20	245897	1	1	1	Spectrin beta chain, erythrocytic
SRCA_MOUSE	23254	99522	910	35	35	Sarcalumenin
ST1A1_MOUSE	32	34180	1	1	1	Sulfotransferase 1A1
STA5A_MOUSE	22	91345	1	1	1	Signal transducer and activator of transcription 5A
STAC3_MOUSE	125	41317	17	6	6	SH3 and cysteine-rich domain-containing protein 3
STBD1_MOUSE	20	36219	1	1	1	Starch-binding domain-containing protein 1
STIP1_MOUSE	352	63170	36	7	7	Stress-induced-phosphoprotein 1
STML2_MOUSE	18	38475	1	1	1	Stomatin-like protein 2, mitochondrial
STRAP_MOUSE	98	38703	10	2	2	Serine-threonine kinase receptor-associated protein
STX7_MOUSE	32	29973	1	1	1	Syntaxin-7
SUCA_MOUSE	4905	36474	294	9	9	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
SUCB1_MOUSE	13449	50424	618	27	27	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial
SUCB2_MOUSE	296	47096	40	9	9	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial
SULF2_MOUSE	28	101688	1	1	1	Extracellular sulfatase Sulf-2
SUOX_MOUSE	500	61231	30	3	3	Sulfite oxidase, mitochondrial
SYAC_MOUSE	892	107697	47	10	10	Alanine--tRNA ligase, cytoplasmic
SYDC_MOUSE	706	57567	79	12	12	Aspartate--tRNA ligase, cytoplasmic
SYEP_MOUSE	236	171739	22	7	7	Bifunctional glutamate/proline--tRNA ligase
SYHC_MOUSE	142	57909	12	4	4	Histidine--tRNA ligase, cytoplasmic
SYIC_MOUSE	23	145547	1	1	1	Isoleucine--tRNA ligase, cytoplasmic
SYIM_MOUSE	412	113873	26	6	6	Isoleucine--tRNA ligase, mitochondrial
SYK_MOUSE	148	68253	8	2	2	Lysine--tRNA ligase
SYLM_MOUSE	22	102555	1	1	1	Probable leucine--tRNA ligase, mitochondrial
SYMC_MOUSE	31	102735	1	1	1	Methionine--tRNA ligase, cytoplasmic
SYNC_MOUSE	700	65150	47	8	8	Asparagine--tRNA ligase, cytoplasmic
SYNP2_MOUSE	30	116968	1	1	1	Synaptopodin-2
SYPL2_MOUSE	1267	29605	41	2	2	Synaptophysin-like protein 2
SYQ_MOUSE	66	88533	8	3	3	Glutamine--tRNA ligase
SYRC_MOUSE	92	76423	14	5	5	Arginine--tRNA ligase, cytoplasmic
SYSC_MOUSE	783	58865	72	8	8	Serine--tRNA ligase, cytoplasmic
SYTC_MOUSE	45	84215	2	2	2	Threonine--tRNA ligase, cytoplasmic
SYVC_MOUSE	194	141439	12	2	2	Valine--tRNA ligase
SYWC_MOUSE	525	54893	26	3	3	Tryptophan--tRNA ligase, cytoplasmic
SYYC_MOUSE	88	59410	14	3	3	Tyrosine--tRNA ligase, cytoplasmic
TACO1_MOUSE	124	32750	13	3	3	Translational activator of cytochrome c oxidase 1

TAGL_MOUSE	591	22618	54	7	7	Transgelin
TAGL2_MOUSE	185	22552	18	5	5	Transgelin-2
TALDO_MOUSE	1673	37534	84	8	8	Transaldolase
TBA1A_MOUSE	15498	50788	749	22	7	Tubulin alpha-1A chain
TBA4A_MOUSE	18829	50634	809	22	7	Tubulin alpha-4A chain
TBA8_MOUSE	11100	50704	465	15	4	Tubulin alpha-8 chain
TBB2B_MOUSE	16559	50377	797	22	3	Tubulin beta-2B chain
TBB3_MOUSE	11398	50842	566	16	1	Tubulin beta-3 chain
TBB4B_MOUSE	20510	50255	998	26	5	Tubulin beta-4B chain
TBB5_MOUSE	16885	50095	814	26	4	Tubulin beta-5 chain
TBB6_MOUSE	9127	50514	436	15	3	Tubulin beta-6 chain
TBCB_MOUSE	18	27654	1	1	1	Tubulin-folding cofactor B
TCPA_MOUSE	140	60867	13	6	6	T-complex protein 1 subunit alpha
TCPB_MOUSE	356	57783	28	8	8	T-complex protein 1 subunit beta
TCPD_MOUSE	713	58543	41	6	6	T-complex protein 1 subunit delta
TCPE_MOUSE	131	60042	10	5	5	T-complex protein 1 subunit epsilon
TCPG_MOUSE	113	61162	13	5	5	T-complex protein 1 subunit gamma
TCPH_MOUSE	391	60127	50	8	8	T-complex protein 1 subunit eta
TCPQ_MOUSE	501	60088	39	7	7	T-complex protein 1 subunit theta
TCPZ_MOUSE	1550	58424	44	3	3	T-complex protein 1 subunit zeta
TCTP_MOUSE	4284	19564	201	9	9	Translationally-controlled tumor protein
TDG_MOUSE	20	47249	1	1	1	G/T mismatch-specific thymine DNA glycosylase
TEBP_MOUSE	41	18995	3	2	2	Prostaglandin E synthase 3
TELT_MOUSE	24	19294	2	1	1	Telethonin
TERA_MOUSE	9140	89950	570	42	42	Transitional endoplasmic reticulum ATPase
THIC_MOUSE	30	41727	2	1	1	Acetyl-CoA acetyltransferase, cytosolic
THIKA_MOUSE	57	44382	2	2	2	3-ketoacyl-CoA thiolase A, peroxisomal
THIL_MOUSE	4717	45129	283	17	17	Acetyl-CoA acetyltransferase, mitochondrial
THIM_MOUSE	6847	42260	388	20	20	3-ketoacyl-CoA thiolase, mitochondrial
THIO_MOUSE	1801	12010	81	3	3	Thioredoxin
THNS2_MOUSE	41	54952	5	2	2	Threonine synthase-like 2
THOP1_MOUSE	190	78774	16	6	6	Thimet oligopeptidase
THRB_MOUSE	91	71649	6	4	4	Prothrombin
THTM_MOUSE	4700	33305	286	12	11	3-mercaptopyruvate sulfurtransferase
THTR_MOUSE	280	33673	34	8	7	Thiosulfate sulfurtransferase
TIGAR_MOUSE	1331	29571	82	8	8	Fructose-2,6-bisphosphatase TIGAR
TIPRL_MOUSE	120	31405	7	1	1	TIP41-like protein
TITIN_MOUSE	2696	3933362	196	47	47	Titin
TKT_MOUSE	1378	68272	96	10	10	Transketolase
TLN1_MOUSE	817	271820	44	17	17	Talin-1
TM1L2_MOUSE	318	55970	10	1	1	TOM1-like protein 2
TM38A_MOUSE	566	33686	21	4	4	Trimeric intracellular cation channel type A
TM9S1_MOUSE	37	69454	8	1	1	Transmembrane 9 superfamily member 1
TMM94_MOUSE	19	154378	1	1	1	Transmembrane protein 94
TMOD4_MOUSE	91	39579	8	2	2	Tropomodulin-4
TNNC2_MOUSE	6313	18155	292	10	9	Troponin C, skeletal muscle
TNNI1_MOUSE	103	21856	5	1	1	Troponin I, slow skeletal muscle
TNNI2_MOUSE	4841	21515	228	7	7	Troponin I, fast skeletal muscle
TNNT3_MOUSE	6965	32221	200	11	11	Troponin T, fast skeletal muscle
TOLIP_MOUSE	189	30553	19	4	4	Toll-interacting protein
TOM1_MOUSE	846	54519	48	6	6	Target of Myb protein 1
TPIS_MOUSE	49259	32684	1945	24	24	Triosephosphate isomerase
TPM1_MOUSE	15954	32718	708	23	11	Tropomyosin alpha-1 chain
TPM2_MOUSE	9415	32931	433	20	12	Tropomyosin beta chain
TPM3_MOUSE	4604	33031	243	11	3	Tropomyosin alpha-3 chain
TPP2_MOUSE	39	141330	2	2	2	Tripeptidyl-peptidase 2
TPPP3_MOUSE	79	19125	5	2	2	Tubulin polymerization-promoting protein family member 3
TRAF5_MOUSE	19	65643	1	1	1	TNF receptor-associated factor 5
TRAP1_MOUSE	1290	80501	58	6	6	Heat shock protein 75 kDa, mitochondrial
TRDN_MOUSE	125	77967	11	2	2	Triadin
TRFE_MOUSE	44344	78841	2053	51	50	Serotransferrin
TRI56_MOUSE	27	81173	1	1	1	E3 ubiquitin-protein ligase TRIM56
TRI69_MOUSE	18	58301	1	1	1	E3 ubiquitin-protein ligase TRIM69
TRI72_MOUSE	5407	53695	269	17	17	Tripartite motif-containing protein 72
TRNT1_MOUSE	25	50035	1	1	1	CCA tRNA nucleotidyltransferase 1, mitochondrial
TRXR1_MOUSE	3245	68380	142	10	10	Thioredoxin reductase 1, cytoplasmic
TRXR2_MOUSE	24	57335	1	1	1	Thioredoxin reductase 2, mitochondrial
TRYB1_MOUSE	56	30773	1	1	1	Tryptase
TS101_MOUSE	33	44267	2	1	1	Tumor susceptibility gene 101 protein
TSN_MOUSE	180	26299	18	4	4	Translin
TSN7_MOUSE	35	28153	1	1	1	Tetraspanin-7
TSNAX_MOUSE	41	33020	2	1	1	Translin-associated protein X
TSP4_MOUSE	459	108979	49	15	13	Thrombospondin-4
TTHY_MOUSE	3098	15880	176	6	6	Transthyretin
TTL12_MOUSE	60	74680	4	2	2	Tubulin--tyrosine ligase-like protein 12
TTPAL_MOUSE	23	39267	1	1	1	Alpha-tocopherol transfer protein-like
TWF2_MOUSE	32	39674	2	1	1	Twinfilin-2
TXD17_MOUSE	87	14348	10	2	2	Thioredoxin domain-containing protein 17
TXLNB_MOUSE	48	77730	2	1	1	Beta-taxilin
TXND5_MOUSE	20	47070	1	1	1	Thioredoxin domain-containing protein 5
TXNL1_MOUSE	231	32616	23	3	3	Thioredoxin-like protein 1
UAP1L_MOUSE	1120	57319	37	2	2	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1
UB2D1_MOUSE	487	16819	42	4	3	Ubiquitin-conjugating enzyme E2 D1



UB2D2_MOUSE	870	16953	76	4	1	Ubiquitin-conjugating enzyme E2 D2
UB2D3_MOUSE	871	16904	76	4	1	Ubiquitin-conjugating enzyme E2 D3
UB2FA_MOUSE	52	21382	1	1	1	NEDD8-conjugating enzyme UBE2F
UB2L3_MOUSE	2356	18021	110	6	6	Ubiquitin-conjugating enzyme E2 L3
UB2V1_MOUSE	1572	16458	107	5	5	Ubiquitin-conjugating enzyme E2 variant 1
UBA1_MOUSE	11488	118931	552	33	33	Ubiquitin-like modifier-activating enzyme 1
UBA3_MOUSE	32	52389	4	4	4	NEDD8-activating enzyme E1 catalytic subunit
UBAC1_MOUSE	30	45730	3	3	3	Ubiquitin-associated domain-containing protein 1
UBC12_MOUSE	227	21172	16	4	4	NEDD8-conjugating enzyme Ubc12
UBCP1_MOUSE	27	36927	1	1	1	Ubiquitin-like domain-containing CTD phosphatase 1
UBE2B_MOUSE	24	17359	1	1	1	Ubiquitin-conjugating enzyme E2 B
UBE2K_MOUSE	516	22507	38	4	4	Ubiquitin-conjugating enzyme E2 K
UBE2N_MOUSE	2093	17184	148	9	9	Ubiquitin-conjugating enzyme E2 N
UBP14_MOUSE	1303	56422	73	9	9	Ubiquitin carboxyl-terminal hydrolase 14
UBP15_MOUSE	67	113508	8	1	1	Ubiquitin carboxyl-terminal hydrolase 15
UBP5_MOUSE	1661	96685	109	17	17	Ubiquitin carboxyl-terminal hydrolase 5
UBR4_MOUSE	22	578883	1	1	1	E3 ubiquitin-protein ligase UBR4
UBXN1_MOUSE	129	33666	13	2	2	UBX domain-containing protein 1
UCHL1_MOUSE	497	25165	32	9	9	Ubiquitin carboxyl-terminal hydrolase isozyme L1
UCHL3_MOUSE	18	26306	1	1	1	Ubiquitin carboxyl-terminal hydrolase isozyme L3
UCRL_MOUSE	177	29634	21	6	6	Cytochrome b-c1 complex subunit Rieske, mitochondrial
UFC1_MOUSE	53	19640	6	2	2	Ubiquitin-fold modifier-conjugating enzyme 1
UFL1_MOUSE	19	90035	2	1	1	E3 UFM1-protein ligase 1
UGGG1_MOUSE	19	177007	1	1	1	UDP-glucose:glycoprotein glucosyltransferase 1
UGPA_MOUSE	18679	57115	856	29	29	UTP--glucose-1-phosphate uridylyltransferase
ULA1_MOUSE	172	60692	15	3	3	NEDD8-activating enzyme E1 regulatory subunit
UN45B_MOUSE	902	104884	62	14	14	Protein unc-45 homolog B
USO1_MOUSE	258	108000	19	4	4	General vesicular transport factor p115
USP9X_MOUSE	23	294061	1	1	1	Probable ubiquitin carboxyl-terminal hydrolase FAF-X
VAPB_MOUSE	71	27157	7	2	2	Vesicle-associated membrane protein-associated protein B
VAT1_MOUSE	351	43297	18	2	2	Synaptic vesicle membrane protein VAT-1 homolog
VATA_MOUSE	277	68625	21	5	5	V-type proton ATPase catalytic subunit A
VATB2_MOUSE	60	56857	6	4	4	V-type proton ATPase subunit B, brain isoform
VATE1_MOUSE	125	26198	9	2	2	V-type proton ATPase subunit E 1
VATH_MOUSE	33	56275	1	1	1	V-type proton ATPase subunit H
VDAC1_MOUSE	1725	32502	100	14	14	Voltage-dependent anion-selective channel protein 1
VDAC2_MOUSE	184	32340	15	3	3	Voltage-dependent anion-selective channel protein 2
VDAC3_MOUSE	339	31076	18	5	5	Voltage-dependent anion-selective channel protein 3
VIME_MOUSE	62	53712	4	2	1	Vimentin
VINC_MOUSE	2820	117215	196	34	34	Vinculin
VMA5A_MOUSE	241	87829	30	8	8	von Willebrand factor A domain-containing protein 5A
VPS29_MOUSE	76	20654	5	1	1	Vacuolar protein sorting-associated protein 29
VPS35_MOUSE	178	92453	17	7	7	Vacuolar protein sorting-associated protein 35
VPS36_MOUSE	18	43993	1	1	1	Vacuolar protein-sorting-associated protein 36
VTA1_MOUSE	17	34177	1	1	1	Vacuolar protein sorting-associated protein VTA1 homolog
VTDB_MOUSE	1760	55162	104	18	18	Vitamin D-binding protein
VWA8_MOUSE	27	214370	1	1	1	von Willebrand factor A domain-containing protein 8
WDFY3_MOUSE	38	396707	3	1	1	WD repeat and FYVE domain-containing protein 3
WDR1_MOUSE	1478	67049	126	17	17	WD repeat-containing protein 1
WDR75_MOUSE	104	95402	13	1	1	WD repeat-containing protein 75
WISP3_MOUSE	19	41462	1	1	1	WNT1-inducible-signaling pathway protein 3
XDH_MOUSE	163	148578	10	1	1	Xanthine dehydrogenase/oxidase
XIRP1_MOUSE	224	124096	14	4	4	Xin actin-binding repeat-containing protein 1
XPO1_MOUSE	59	124153	7	2	2	Exportin-1
XPO2_MOUSE	1018	111183	119	18	18	Exportin-2
XPO5_MOUSE	165	139050	21	2	2	Exportin-5
XPP1_MOUSE	163	70231	14	6	6	Xaa-Pro aminopeptidase 1
XXLT1_MOUSE	145	44266	20	1	1	Xyloside xylosyltransferase 1
XYLT1_MOUSE	21	108086	1	1	1	Xylosyltransferase 1
YBOX3_MOUSE	265	38790	18	5	5	Y-box-binding protein 3
ZA2G_MOUSE	104	35538	10	3	3	Zinc-alpha-2-glycoprotein
ZC4H2_MOUSE	22	26570	1	1	1	Zinc finger C4H2 domain-containing protein
ZEB1_MOUSE	21	124327	1	1	1	Zinc finger E-box-binding homeobox 1
ZN618_MOUSE	19	106511	1	1	1	Zinc finger protein 618
Urea/Thiourea exsctract						
1433B_MOUSE	1853	28183	106	9	4	14-3-3 protein beta/alpha
1433E_MOUSE	7345	29326	322	16	13	14-3-3 protein epsilon
1433G_MOUSE	9286	28456	409	18	13	14-3-3 protein gamma
1433Z_MOUSE	2681	27925	148	11	8	14-3-3 protein zeta/delta
2AAA_MOUSE	3013	66079	139	15	15	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform
2ABA_MOUSE	189	52173	16	2	2	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
3HIDH_MOUSE	442	35816	20	2	2	3-hydroxyisobutyrate dehydrogenase, mitochondrial
5NT3A_MOUSE	59	37571	4	2	2	Cytosolic 5'-nucleotidase 3A
68MP_MOUSE	419	6694	28	2	2	6.8 kDa mitochondrial proteolipid
A16L1_MOUSE	23	68586	1	1	1	Autophagy-related protein 16-1
A1AG1_MOUSE	143	23994	5	1	1	Alpha-1-acid glycoprotein 1
A1AT2_MOUSE	3310	46117	171	10	3	Alpha-1-antitrypsin 1-2
A1AT3_MOUSE	4316	45966	226	14	7	Alpha-1-antitrypsin 1-3
A2AP_MOUSE	32	55165	4	1	1	Alpha-2-antiplasmin
AAKG1_MOUSE	411	37668	14	2	2	5'-AMP-activated protein kinase subunit gamma-1
AAKG3_MOUSE	79	54271	6	1	1	5'-AMP-activated protein kinase subunit gamma-3
AAPK2_MOUSE	140	62610	8	2	2	5'-AMP-activated protein kinase catalytic subunit alpha-2
AATC_MOUSE	6740	46504	356	22	22	Aspartate aminotransferase, cytoplasmic

AATM_MOUSE	20455	47780	873	24	24	Aspartate aminotransferase, mitochondrial
ABCA4_MOUSE	36	262323	4	2	2	Retinal-specific ATP-binding cassette transporter
ABCB5_MOUSE	35	138450	5	1	1	ATP-binding cassette sub-family B member 5
ABCB8_MOUSE	111	78691	4	1	1	ATP-binding cassette sub-family B member 8, mitochondrial
ABCE1_MOUSE	26	68240	1	1	1	ATP-binding cassette sub-family E member 1
ABCF2_MOUSE	35	72306	1	1	1	ATP-binding cassette sub-family F member 2
ABEC2_MOUSE	6681	25872	328	12	12	C->U-editing enzyme APOBEC-2
ABH15_MOUSE	17	52032	1	1	1	Protein ABHD15
ABLM2_MOUSE	36	69774	2	2	2	Actin-binding LIM protein 2
ACAD8_MOUSE	20	45789	2	1	1	Isobutyryl-CoA dehydrogenase, mitochondrial
ACAD9_MOUSE	939	69192	70	2	2	Acyl-CoA dehydrogenase family member 9, mitochondrial
ACADL_MOUSE	6086	48277	294	20	20	Long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADM_MOUSE	4283	46908	212	16	16	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADS_MOUSE	1114	45146	67	9	9	Short-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADV_MOUSE	18081	71230	732	32	32	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACBP_MOUSE	122	9994	6	1	1	Acyl-CoA-binding protein
ACD10_MOUSE	628	119816	37	6	6	Acyl-CoA dehydrogenase family member 10
ACDSB_MOUSE	1151	48300	33	3	3	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
ACHB3_MOUSE	21	53363	2	1	1	Neuronal acetylcholine receptor subunit beta-3
ACO13_MOUSE	235	15287	16	4	4	Acyl-coenzyme A thioesterase 13
ACON_MOUSE	38540	86151	1582	42	42	Aconitate hydratase, mitochondrial
ACOT2_MOUSE	121	49854	8	1	1	Acyl-coenzyme A thioesterase 2, mitochondrial
ACPM_MOUSE	47	17644	3	1	1	Acyl carrier protein, mitochondrial
ACSF3_MOUSE	40	65435	6	1	1	Acyl-CoA synthetase family member 3, mitochondrial
ACSL1_MOUSE	10711	78928	527	31	31	Long-chain-fatty-acid--CoA ligase 1
ACTA_MOUSE	245347	42381	8931	37	4	Actin, aortic smooth muscle
ACTB_MOUSE	78366	42052	3710	27	9	Actin, cytoplasmic 1
ACTBL_MOUSE	38101	42319	1268	14	5	Beta-actin-like protein 2
ACTN1_MOUSE	44317	103631	1726	27	4	Alpha-actinin-1
ACTN2_MOUSE	127571	104339	4804	72	48	Alpha-actinin-2
ACTN3_MOUSE	174624	103605	6267	81	62	Alpha-actinin-3
ACTN4_MOUSE	32572	105368	1344	22	3	Alpha-actinin-4
ACTS_MOUSE	304957	42366	10751	39	5	Actin, alpha skeletal muscle
ACTY_MOUSE	258	42369	23	3	1	Beta-centractin
ACTZ_MOUSE	248	42701	21	3	1	Alpha-centractin
ACYP2_MOUSE	167	11927	12	3	3	Acylphosphatase-2
ADDA_MOUSE	36	80995	1	1	1	Alpha-adducin
ADHX_MOUSE	63	40320	3	3	3	Alcohol dehydrogenase class-3
ADK_MOUSE	25	40466	1	1	1	Adenosine kinase
ADT1_MOUSE	30440	33111	1311	25	25	ADP/ATP translocase 1
AGRF4_MOUSE	18	78479	1	1	1	Adhesion G protein-coupled receptor F4
AGRG6_MOUSE	89	131804	8	1	1	Adhesion G-protein coupled receptor G6
AGRIN_MOUSE	70	215386	19	1	1	Agrin
AIFM1_MOUSE	1854	66952	102	14	14	Apoptosis-inducing factor 1, mitochondrial
AIMP2_MOUSE	74	35640	7	2	2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2
AKAP9_MOUSE	27	439138	2	1	1	A-kinase anchor protein 9
AL1A1_MOUSE	32	55060	1	1	1	Retinal dehydrogenase 1
AL3A1_MOUSE	82	50848	8	4	4	Aldehyde dehydrogenase, dimeric NADP+-preferring
AL4A1_MOUSE	317	62258	21	3	3	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial
ALBU_MOUSE	51275	70700	2157	41	41	Serum albumin
ALDH2_MOUSE	1812	57015	110	15	15	Aldehyde dehydrogenase, mitochondrial
ALDOA_MOUSE	87523	39787	4119	37	32	Fructose-bisphosphate aldolase A
ALDOC_MOUSE	11799	39769	748	8	3	Fructose-bisphosphate aldolase C
ALDR_MOUSE	4319	36052	203	13	13	Aldose reductase
ALLC_MOUSE	18	46721	1	1	1	Probable allantoinase
AMPD1_MOUSE	15609	86734	770	39	39	AMP deaminase 1
AMPL_MOUSE	43	56505	5	2	2	Cytosol aminopeptidase
AMPN_MOUSE	25	110038	1	1	1	Aminopeptidase N
AMRP_MOUSE	19	42189	1	1	1	Alpha-2-macroglobulin receptor-associated protein
ANGL7_MOUSE	213	39502	11	4	4	Angiopoietin-related protein 7
ANK1_MOUSE	226	205355	16	2	2	Ankyrin-1
ANK2_MOUSE	19	428451	1	1	1	Ankyrin-2
ANK3_MOUSE	24	215412	2	1	1	Ankyrin-3
ANKR2_MOUSE	1289	36855	47	7	7	Ankyrin repeat domain-containing protein 2
ANM6_MOUSE	30	42182	1	1	1	Protein arginine N-methyltransferase 6
ANR44_MOUSE	34	109142	3	1	1	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit B
ANT3_MOUSE	42	52484	2	2	2	Antithrombin-III
ANX11_MOUSE	1030	54387	57	9	9	Annexin A11
ANXA1_MOUSE	20	38995	1	1	1	Annexin A1
ANXA2_MOUSE	5103	38937	177	15	15	Annexin A2
ANXA5_MOUSE	467	35787	25	6	6	Annexin A5
ANXA6_MOUSE	7862	76294	343	29	29	Annexin A6
ANXA7_MOUSE	57	50178	5	1	1	Annexin A7
AOC3_MOUSE	68	85108	6	1	1	Membrane primary amine oxidase
AOFB_MOUSE	427	59034	17	2	2	Amine oxidase [flavin-containing] B
AP1B1_MOUSE	63	104724	5	3	3	AP-1 complex subunit beta-1
AP2A2_MOUSE	28	104863	1	1	1	AP-2 complex subunit alpha-2
AP2S1_MOUSE	24	17178	1	1	1	AP-2 complex subunit sigma
API5_MOUSE	31	57092	1	1	1	Apoptosis inhibitor 5
APMAP_MOUSE	81	46576	3	1	1	Adipocyte plasma membrane-associated protein
APOA1_MOUSE	3979	30597	137	15	15	Apolipoprotein A-I
APOA2_MOUSE	24	11359	1	1	1	Apolipoprotein A-II
APOA4_MOUSE	90	45001	6	2	2	Apolipoprotein A-IV

APOD_MOUSE	34	21744	2	1	1	Apolipoprotein D
APOE_MOUSE	141	35901	11	4	3	Apolipoprotein E
APT_MOUSE	102	19883	5	2	2	Adenine phosphoribosyltransferase
AQP1_MOUSE	449	29003	21	4	4	Aquaporin-1
ARAP3_MOUSE	76	171573	24	1	1	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3
ARF1_MOUSE	433	20741	38	7	5	ADP-ribosylation factor 1
ARF4_MOUSE	59	20498	5	3	1	ADP-ribosylation factor 4
ARG33_MOUSE	23	95383	1	1	1	Rho guanine nucleotide exchange factor 33
ARK72_MOUSE	40	41042	2	1	1	Aflatoxin B1 aldehyde reductase member 2
ARL1_MOUSE	37	20513	1	1	1	ADP-ribosylation factor-like protein 1
ARL8B_MOUSE	230	21753	11	3	3	ADP-ribosylation factor-like protein 8B
ARP10_MOUSE	107	46748	10	2	2	Actin-related protein 10
ARP2_MOUSE	29	45017	2	1	1	Actin-related protein 2
ARP3B_MOUSE	636	48062	26	2	2	Actin-related protein 3B
ARPC4_MOUSE	22	19768	1	1	1	Actin-related protein 2/3 complex subunit 4
ARSA_MOUSE	19	54512	1	1	1	Arylsulfatase A
ASGL1_MOUSE	45	34385	1	1	1	Isoaspartyl peptidase/L-asparaginase
ASIC5_MOUSE	21	57342	1	1	1	Acid-sensing ion channel 5
ASPH_MOUSE	388	83390	20	1	1	Aspartyl/asparaginyl beta-hydroxylase
ASPN_MOUSE	9858	42944	485	15	15	Asporin
AT1A1_MOUSE	2225	114221	125	17	4	Sodium/potassium-transporting ATPase subunit alpha-1
AT1A2_MOUSE	4144	113457	250	32	19	Sodium/potassium-transporting ATPase subunit alpha-2
AT1B1_MOUSE	834	35571	36	3	3	Sodium/potassium-transporting ATPase subunit beta-1
AT1B2_MOUSE	40	33722	4	3	3	Sodium/potassium-transporting ATPase subunit beta-2
AT2A1_MOUSE	197952	110723	6535	76	56	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1
AT2A2_MOUSE	60181	116437	2093	35	15	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
AT5F1_MOUSE	4930	29044	270	13	13	ATP synthase F(0) complex subunit B1, mitochondrial
AT5G1_MOUSE	125	14362	15	1	1	ATP synthase F(0) complex subunit C1, mitochondrial
ATAD1_MOUSE	203	41060	16	2	2	ATPase family AAA domain-containing protein 1
ATAD3_MOUSE	57	66872	2	2	2	ATPase family AAA domain-containing protein 3
ATF6B_MOUSE	18	76473	1	1	1	Cyclic AMP-dependent transcription factor ATF-6 beta
ATLA2_MOUSE	267	66809	24	8	8	Atlantin-2
ATP5E_MOUSE	870	5891	58	2	2	ATP synthase subunit epsilon, mitochondrial
ATP5H_MOUSE	7341	18795	371	10	10	ATP synthase subunit d, mitochondrial
ATP5I_MOUSE	1547	8230	73	4	4	ATP synthase subunit e, mitochondrial
ATP5J_MOUSE	32	12489	1	1	1	ATP synthase-coupling factor 6, mitochondrial
ATP5L_MOUSE	2822	11417	147	2	2	ATP synthase subunit g, mitochondrial
ATP8_MOUSE	148	7761	20	2	2	ATP synthase protein 8
ATPA_MOUSE	59386	59830	1775	38	38	ATP synthase subunit alpha, mitochondrial
ATPB_MOUSE	69839	56265	2495	33	33	ATP synthase subunit beta, mitochondrial
ATPD_MOUSE	1451	17589	58	2	2	ATP synthase subunit delta, mitochondrial
ATPG_MOUSE	8734	32979	412	13	13	ATP synthase subunit gamma, mitochondrial
ATPK_MOUSE	2511	10394	83	2	2	ATP synthase subunit f, mitochondrial
ATPO_MOUSE	16945	23406	523	13	13	ATP synthase subunit O, mitochondrial
ATX2L_MOUSE	39	110865	5	1	1	Ataxin-2-like protein
AUHM_MOUSE	250	33659	21	2	2	Methylglutaconyl-CoA hydratase, mitochondrial
B2L13_MOUSE	321	46862	10	2	2	Bcl-2-like protein 13
B3AT_MOUSE	100	103412	8	2	2	Band 3 anion transport protein
BAF_MOUSE	497	10324	25	2	2	Barrier-to-autointegration factor
BAG3_MOUSE	339	62050	21	4	4	BAG family molecular chaperone regulator 3
BAP31_MOUSE	17	27996	1	1	1	B-cell receptor-associated protein 31
BASI_MOUSE	503	42874	36	7	7	Basigin
BCAM_MOUSE	18	68426	2	1	1	Basal cell adhesion molecule
BCAR1_MOUSE	18	94455	1	1	1	Breast cancer anti-estrogen resistance protein 1
BCAT2_MOUSE	349	44669	14	2	2	Branched-chain-amino-acid aminotransferase, mitochondrial
BCKD_MOUSE	84	46786	5	2	2	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
BCS1_MOUSE	37	47547	1	1	1	Mitochondrial chaperone BCS1
BDH_MOUSE	1898	38617	93	9	9	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
BGH3_MOUSE	1292	75177	60	8	8	Transforming growth factor-beta-induced protein ig-h3
BICL1_MOUSE	48	65589	7	1	1	BICD family-like cargo adapter 1
BIN1_MOUSE	7278	64658	302	13	13	Myc box-dependent-interacting protein 1
BIP_MOUSE	7911	72492	387	24	22	Endoplasmic reticulum chaperone BiP
BLVRB_MOUSE	126	22297	3	1	1	Flavin reductase (NADPH)
BRCA1_MOUSE	18	201750	1	1	1	Breast cancer type 1 susceptibility protein homolog
BRPF1_MOUSE	19	138877	1	1	1	Peregrin
C1QBP_MOUSE	805	31336	49	3	3	Complement component 1 Q subcomponent-binding protein, mitochondrial
C1TC_MOUSE	50	101820	3	2	2	C-1-tetrahydrofolate synthase, cytoplasmic
C560_MOUSE	1763	18598	101	5	5	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
CA087_MOUSE	33	63085	1	1	1	Uncharacterized protein C1orf87 homolog
CA2D1_MOUSE	11259	125692	480	29	29	Voltage-dependent calcium channel subunit alpha-2/delta-1
CAB39_MOUSE	29	39989	2	2	2	Calcium-binding protein 39
CAC1S_MOUSE	1780	215402	98	17	17	Voltage-dependent L-type calcium channel subunit alpha-1S
CACB1_MOUSE	3137	65731	207	13	13	Voltage-dependent L-type calcium channel subunit beta-1
CACP_MOUSE	2213	71250	131	15	15	Carnitine O-acetyltransferase
CAD13_MOUSE	807	78536	50	4	4	Cadherin-13
CADM3_MOUSE	16	43337	1	1	1	Cell adhesion molecule 3
CAH2_MOUSE	27	29129	2	1	1	Carbonic anhydrase 2
CAH3_MOUSE	17226	29633	869	19	19	Carbonic anhydrase 3
CALM1_MOUSE	368	16827	43	5	4	Calmodulin-1
CALR_MOUSE	197	48136	15	3	3	Calreticulin
CALX_MOUSE	244	67635	17	2	2	Calnexin
CAN1_MOUSE	30	82739	2	2	2	Calpain-1 catalytic subunit
CAN3_MOUSE	23	95094	1	1	1	Calpain-3

CAND2_MOUSE	3205	137086	158	15	15	Cullin-associated NEDD8-dissociated protein 2
CAP1_MOUSE	376	51875	25	2	1	Adenylyl cyclase-associated protein 1
CAP2_MOUSE	1205	53114	74	7	6	Adenylyl cyclase-associated protein 2
CAPZB_MOUSE	6461	31611	353	17	17	F-actin-capping protein subunit beta
CARI0_MOUSE	27	115598		1	1	Caspase recruitment domain-containing protein 10
CASQ1_MOUSE	39023	46349	1752	21	21	Calsequestrin-1
CASQ2_MOUSE	1706	48203	71	8	8	Calsequestrin-2
CATB_MOUSE	43	38168	5	2	2	Cathepsin B
CATD_MOUSE	449	45381	41	8	8	Cathepsin D
CAV1_MOUSE	896	20697	51	6	5	Caveolin-1
CAV3_MOUSE	51	17860	3	2	1	Caveolin-3
CAVN1_MOUSE	4123	43927	169	10	10	Caveolae-associated protein 1
CAVN2_MOUSE	113	46792	7	1	1	Caveolae-associated protein 2
CAVN4_MOUSE	201	41040	23	5	5	Caveolae-associated protein 4
CAZA2_MOUSE	8628	33118	387	15	15	F-actin-capping protein subunit alpha-2
CBPA3_MOUSE	1992	49044	96	11	11	Mast cell carboxypeptidase A
CBPA4_MOUSE	26	47594	1	1	1	Carboxypeptidase A4
CBR2_MOUSE	188	26056	18	2	2	Carbonyl reductase [NADPH] 2
CBR4_MOUSE	342	25570	22	4	4	Carbonyl reductase family member 4
CBX4_MOUSE	23	60884	2	1	1	E3 SUMO-protein ligase CBX4
CC160_MOUSE	17	37432	1	1	1	Coiled-coil domain-containing protein 160
CC169_MOUSE	27	24739	3	1	1	Coiled-coil domain-containing protein 169
CC88B_MOUSE	159	167363	16	2	2	Coiled-coil domain-containing protein 88B
CCG1_MOUSE	32	25617	1	1	1	Voltage-dependent calcium channel gamma-1 subunit
CCR6_MOUSE	27	42873	1	1	1	C-C chemokine receptor type 6
CD151_MOUSE	28	29083		1	1	CD151 antigen
CD36_MOUSE	2571	53234	118	9	9	Platelet glycoprotein 4
CD3G_MOUSE	21	20450	1	1	1	T-cell surface glycoprotein CD3 gamma chain
CD47_MOUSE	214	33589	7	1	1	Leukocyte surface antigen CD47
CD81_MOUSE	73	26481	5	1	1	CD81 antigen
CD9_MOUSE	63	25811	2	1	1	CD9 antigen
CD97_MOUSE	23	92863	1	1	1	CD97 antigen
CD99_MOUSE	24	16829	1	1	1	CD99 antigen
CDC42_MOUSE	446	21587	26	3	2	Cell division control protein 42 homolog
CDIPT_MOUSE	65	23925	5	1	1	CDP-diacylglycerol--inositol 3-phosphatidyltransferase
CE128_MOUSE	29	129109	3	2	2	Centrosomal protein of 128 kDa
CE152_MOUSE	50	198578	5	2	2	Centrosomal protein of 152 kDa
CELR1_MOUSE	23	335168	1	1	1	Cadherin EGF LAG seven-pass G-type receptor 1
CEP85_MOUSE	20	86085	1	1	1	Centrosomal protein of 85 kDa
CERU_MOUSE	91	121872	8	4	4	Ceruloplasmin
CES1D_MOUSE	24	62034	1	1	1	Carboxylesterase 1D
CFA36_MOUSE	113	39746	28	1	1	Cilia- and flagella-associated protein 36
CFA54_MOUSE	46	357696	4	1	1	Cilia- and flagella-associated protein 54
CFA73_MOUSE	17	35706	1	1	1	Cilia- and flagella-associated protein 73
CFAB_MOUSE	18	86319	3	1	1	Complement factor B
CH10_MOUSE	1102	10956	47	4	4	10 kDa heat shock protein, mitochondrial
CH60_MOUSE	9634	61088	388	27	27	60 kDa heat shock protein, mitochondrial
CHERP_MOUSE	163	106501	27	1	1	Calcium homeostasis endoplasmic reticulum protein
CILP1_MOUSE	435	134530	18	3	3	Cartilage intermediate layer protein 1
CILP2_MOUSE	64	128078	9	1	1	Cartilage intermediate layer protein 2
CING_MOUSE	86	136593	12	1	1	Cingulin
CIP4_MOUSE	18	68675	1	1	1	Cdc42-interacting protein 4
CISD1_MOUSE	1870	12260	104	6	6	CDGSH iron-sulfur domain-containing protein 1
CISY_MOUSE	12861	51988	521	20	20	Citrate synthase, mitochondrial
CK086_MOUSE	38	14059	1	1	1	Uncharacterized protein C11orf86 homolog
CK2N2_MOUSE	22	8679	1	1	1	Calcium/calmodulin-dependent protein kinase II inhibitor 2
CLH1_MOUSE	3114	193202	173	27	27	Clathrin heavy chain 1
CLU_MOUSE	24	149457	1	1	1	Clustered mitochondria protein homolog
CLUS_MOUSE	22	52250	1	1	1	Clusterin
CMA1_MOUSE	796	27968	46	6	6	Chymase
CMBL_MOUSE	1641	28226	55	5	5	Carboxymethylenebutenolidase homolog
CMC1_MOUSE	25328	74922	1044	35	35	Calcium-binding mitochondrial carrier protein Aralar1
CMTD1_MOUSE	82	29228	4	1	1	Catechol O-methyltransferase domain-containing protein 1
CMYA5_MOUSE	551	414327	36	14	14	Cardiomyopathy-associated protein 5
CN37_MOUSE	207	47493	6	3	3	2',3'-cyclic-nucleotide 3'-phosphodiesterase
CNBP_MOUSE	46	20833	2	1	1	Cellular nucleic acid-binding protein
CO1A1_MOUSE	4595	138974	259	10	10	Collagen alpha-1(I) chain
CO1A2_MOUSE	5317	129992	234	10	10	Collagen alpha-2(I) chain
CO2A1_MOUSE	94	142970	12	1	1	Collagen alpha-1(II) chain
CO3_MOUSE	278	187905	20	3	3	Complement C3
CO3A1_MOUSE	75	140112	10	2	2	Collagen alpha-1(III) chain
CO4A1_MOUSE	130	161719	12	3	3	Collagen alpha-1(IV) chain
CO6A1_MOUSE	17219	109562	791	30	30	Collagen alpha-1(VI) chain
CO6A2_MOUSE	13188	111406	695	27	27	Collagen alpha-2(VI) chain
CO6A6_MOUSE	840	247937	48	10	10	Collagen alpha-6(VI) chain
COA4_MOUSE	23	10357	1	1	1	Cytochrome c oxidase assembly factor 4 homolog, mitochondrial
COBA1_MOUSE	41	181548	4	1	1	Collagen alpha-1(XI) chain
COBL_MOUSE	38	144518	4	2	2	Protein cordon-bleu
COCA1_MOUSE	7838	341202	488	63	63	Collagen alpha-1(XII) chain
COEA1_MOUSE	40	194089	2	1	1	Collagen alpha-1(XIV) chain
COF1_MOUSE	1386	18776	52	5	3	Cofilin-1
COF2_MOUSE	4628	18812	238	11	9	Cofilin-2
COFA1_MOUSE	168	140841	18	4	4	Collagen alpha-1(XV) chain

COIA1_MOUSE	69	183085	4	1	1	Collagen alpha-1(XVIII) chain
COMP_MOUSE	109	84912	11	4	3	Cartilage oligomeric matrix protein
COMT_MOUSE	172	29695	9	1	1	Catechol O-methyltransferase
COPG1_MOUSE	17	98705	1	1	1	Coatomer subunit gamma-1
COQ3_MOUSE	21	41387	1	1	1	Ubiquinone biosynthesis O-methyltransferase, mitochondrial
COQ5_MOUSE	150	37711	12	2	2	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial
COQ6_MOUSE	453	51645	18	4	4	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial
COQ7_MOUSE	342	24197	21	3	3	5-demethoxyubiquinone hydroxylase, mitochondrial
COQ8A_MOUSE	6218	72154	274	14	14	Atypical kinase COQ8A, mitochondrial
COQ9_MOUSE	2557	35232	121	8	8	Ubiquinone biosynthesis protein COQ9, mitochondrial
COR1B_MOUSE	39	54505	1	1	1	Coronin-1B
CORO6_MOUSE	153	53022	26	4	4	Coronin-6
COX1_MOUSE	656	56929	47	2	2	Cytochrome c oxidase subunit 1
COX2_MOUSE	4307	26130	194	5	5	Cytochrome c oxidase subunit 2
COX41_MOUSE	6934	19575	327	9	9	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
COX5A_MOUSE	2035	16319	111	8	8	Cytochrome c oxidase subunit 5A, mitochondrial
COX5B_MOUSE	1236	14089	107	6	6	Cytochrome c oxidase subunit 5B, mitochondrial
COX6C_MOUSE	752	8464	62	3	3	Cytochrome c oxidase subunit 6C
COX7B_MOUSE	19	9063	1	1	1	Cytochrome c oxidase subunit 7B, mitochondrial
COX7C_MOUSE	242	7328	21	2	2	Cytochrome c oxidase subunit 7C, mitochondrial
COX7R_MOUSE	150	12448	11	2	2	Cytochrome c oxidase subunit 7A-related protein, mitochondrial
COX8B_MOUSE	466	7327	28	2	2	Cytochrome c oxidase subunit 8B, mitochondrial
CP27A_MOUSE	140	60910	13	1	1	Sterol 26-hydroxylase, mitochondrial
CP2R1_MOUSE	30	57733	2	1	1	Vitamin D 25-hydroxylase
CPT1B_MOUSE	3447	89073	191	21	21	Camitine O-palmitoyltransferase 1, muscle isoform
CPT2_MOUSE	2480	74504	115	13	13	Camitine O-palmitoyltransferase 2, mitochondrial
CQ10B_MOUSE	241	27764	22	1	1	Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
CREL1_MOUSE	263	47968	11	1	1	Cysteine-rich with EGF-like domain protein 1
CRIP2_MOUSE	74	23510	6	1	1	Cysteine-rich protein 2
CRYAB_MOUSE	2792	20056	142	11	11	Alpha-crystallin B chain
CSAD_MOUSE	18	55737	1	1	1	Cysteine sulfenic acid decarboxylase
CSN1_MOUSE	47	53978	4	1	1	COP9 signalosome complex subunit 1
CSN2_MOUSE	318	51849	18	1	1	COP9 signalosome complex subunit 2
CSN4_MOUSE	118	46541	8	1	1	COP9 signalosome complex subunit 4
CSN7A_MOUSE	81	30377	4	1	1	COP9 signalosome complex subunit 7a
CSRP1_MOUSE	26	21425	1	1	1	Cysteine and glycine-rich protein 1
CSRP3_MOUSE	849	21793	40	4	4	Cysteine and glycine-rich protein 3
CTCFL_MOUSE	31	74772	2	2	2	Transcriptional repressor CTCFL
CTIP_MOUSE	27	102023	1	1	1	DNA endonuclease RBBP8
CTL2_MOUSE	59	81539	8	3	3	Choline transporter-like protein 2
CTNA1_MOUSE	19	100728	1	1	1	Catenin alpha-1
CUL5_MOUSE	464	91486	20	3	3	Cullin-5
CX6A1_MOUSE	35	12344	1	1	1	Cytochrome c oxidase subunit 6A1, mitochondrial
CX6A2_MOUSE	376	10856	30	2	2	Cytochrome c oxidase subunit 6A2, mitochondrial
CX6B1_MOUSE	7455	10293	315	6	6	Cytochrome c oxidase subunit 6B1
CX7A1_MOUSE	1278	9095	69	2	2	Cytochrome c oxidase subunit 7A1, mitochondrial
CX7A2_MOUSE	803	9285	23	3	3	Cytochrome c oxidase subunit 7A2, mitochondrial
CY1_MOUSE	6304	35533	302	11	11	Cytochrome c1, heme protein, mitochondrial
CYB_MOUSE	199	43352	9	1	1	Cytochrome b
CYB5B_MOUSE	291	16365	9	1	1	Cytochrome b5 type B
CYC_MOUSE	3321	11712	124	6	6	Cytochrome c, somatic
D39U1_MOUSE	87	33145	11	3	3	Epimerase family protein SDR39U1
DAG1_MOUSE	22	97186	1	1	1	Dystroglycan
DC1L1_MOUSE	71	56864	4	1	1	Cytoplasmic dynein 1 light intermediate chain 1
DCTN2_MOUSE	92	44204	4	3	3	Dynactin subunit 2
DDB1_MOUSE	220	128027	23	6	6	DNA damage-binding protein 1
DDX1_MOUSE	701	83474	29	5	5	ATP-dependent RNA helicase DDX1
DDX3X_MOUSE	1330	73455	55	8	8	ATP-dependent RNA helicase DDX3X
DDX5_MOUSE	55	69760	3	1	1	Probable ATP-dependent RNA helicase DDX5
DECR_MOUSE	5040	36476	227	10	10	2,4-dienoyl-CoA reductase, mitochondrial
DERM_MOUSE	942	24549	50	3	3	Dermatopontin
DESM_MOUSE	46804	53522	1629	39	34	Desmin
DESP_MOUSE	18	335158	1	1	1	Desmoplakin
DHB8_MOUSE	180	26800	14	4	4	Estradiol 17-beta-dehydrogenase 8
DHDH_MOUSE	572	36620	31	3	3	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase
DHE3_MOUSE	443	61640	32	7	7	Glutamate dehydrogenase 1, mitochondrial
DHPR_MOUSE	164	25782	13	2	2	Dihydropteridine reductase
DHRS4_MOUSE	39	30094	5	2	2	Dehydrogenase/reductase SDR family member 4
DHSD_MOUSE	462	17288	27	2	2	Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial
DHTK1_MOUSE	18	103470	1	1	1	Probable 2-oxoglutarate dehydrogenase E1 component DHKTD1, mitochondrial
DIAP1_MOUSE	228	140053	13	3	3	Protein diaphanous homolog 1
DICER_MOUSE	238	219420	20	1	1	Endoribonuclease Dicer
DJB11_MOUSE	39	40815	3	1	1	DnaJ homolog subfamily B member 11
DJC11_MOUSE	48	63536	4	2	2	DnaJ homolog subfamily C member 11
DLDH_MOUSE	9431	54751	371	19	19	Dihydrolipoyl dehydrogenase, mitochondrial
DMD_MOUSE	13567	427676	587	64	64	Dystrophin
DNJA2_MOUSE	591	46344	40	7	7	DnaJ homolog subfamily A member 2
DNJA3_MOUSE	282	53095	20	3	3	DnaJ homolog subfamily A member 3, mitochondrial
DNJA4_MOUSE	219	45500	10	1	1	DnaJ homolog subfamily A member 4
DNJC8_MOUSE	25	29794	2	1	1	DnaJ homolog subfamily C member 8
DNM1L_MOUSE	803	83120	40	8	8	Dynamin-1-like protein
DOCK7_MOUSE	23	243167	1	1	1	Dedicator of cytokinesis protein 7
DPEP1_MOUSE	85	46149	4	1	1	Dipeptidase 1

DPOG1_MOUSE	31	137811	1	1	1	DNA polymerase subunit gamma-1
DPYL2_MOUSE	194	62638	11	3	3	Dihydropyrimidinase-related protein 2
DRC6_MOUSE	21	92423	3	1	1	Dynein regulatory complex subunit 6
DRS7C_MOUSE	3877	34958	124	11	11	Dehydrogenase/reductase SDR family member 7C
DTNA_MOUSE	626	84812	30	6	6	Dystrobrevin alpha
DUPD1_MOUSE	23	24405	2	2	2	Dual specificity phosphatase DUPD1
DUS3_MOUSE	667	20687	36	3	3	Dual specificity protein phosphatase 3
DX39B_MOUSE	274	49460	27	3	3	Spliceosome RNA helicase Ddx39b
DYHC1_MOUSE	542	534447	54	9	9	Cytoplasmic dynein 1 heavy chain 1
DYL1_MOUSE	239	10530	20	1	1	Dynein light chain 1, cytoplasmic
DYSF_MOUSE	6701	240040	300	45	45	Dysferlin
E41L2_MOUSE	48	110386	2	1	1	Band 4.1-like protein 2
ECE2_MOUSE	40	86861	1	1	1	Endothelin-converting enzyme 2
ECH1_MOUSE	399	36437	26	5	5	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial
ECHA_MOUSE	32627	83302	1198	40	40	Trifunctional enzyme subunit alpha, mitochondrial
ECHB_MOUSE	13579	51639	548	20	20	Trifunctional enzyme subunit beta, mitochondrial
ECHD2_MOUSE	89	32174	6	1	1	Enoyl-CoA hydratase domain-containing protein 2, mitochondrial
ECHM_MOUSE	787	31853	62	8	8	Enoyl-CoA hydratase, mitochondrial
ECH1_MOUSE	2793	32515	123	6	6	Enoyl-CoA delta isomerase 1, mitochondrial
ECI2_MOUSE	33	43639	3	1	1	Enoyl-CoA delta isomerase 2, mitochondrial
ECM29_MOUSE	178	205398	18	7	7	Proteasome adapter and scaffold protein ECM29
EDAR_MOUSE	26	49657	1	1	1	Tumor necrosis factor receptor superfamily member EDAR
EFI1A1_MOUSE	9689	50424	370	14	5	Elongation factor 1-alpha 1
EFI1A2_MOUSE	14482	50764	675	21	12	Elongation factor 1-alpha 2
EF1B_MOUSE	33	24849	4	1	1	Elongation factor 1-beta
EFID_MOUSE	1191	31388	65	7	7	Elongation factor 1-delta
EF1G_MOUSE	1799	50371	148	14	14	Elongation factor 1-gamma
EF2_MOUSE	9105	96222	444	29	29	Elongation factor 2
EFTU_MOUSE	3516	49876	171	13	13	Elongation factor Tu, mitochondrial
EH1L1_MOUSE	272	185634	19	3	3	EH domain-binding protein 1-like protein 1
EHD1_MOUSE	128	60622	7	1	1	EH domain-containing protein 1
EHD2_MOUSE	867	61307	51	9	9	EH domain-containing protein 2
EI2BA_MOUSE	41	34023	2	1	1	Translation initiation factor eIF-2B subunit alpha
EI3JA_MOUSE	22	29440	2	2	2	Eukaryotic translation initiation factor 3 subunit J-A
EIF3A_MOUSE	121	162237	29	4	4	Eukaryotic translation initiation factor 3 subunit A
EIF3C_MOUSE	272	106149	14	1	1	Eukaryotic translation initiation factor 3 subunit C
EIF3D_MOUSE	30	64576	2	1	1	Eukaryotic translation initiation factor 3 subunit D
EIF3E_MOUSE	51	52587	2	1	1	Eukaryotic translation initiation factor 3 subunit E
EIF3F_MOUSE	52	38074	8	2	2	Eukaryotic translation initiation factor 3 subunit F
EIF3L_MOUSE	70	66798	4	2	2	Eukaryotic translation initiation factor 3 subunit L
EIF3M_MOUSE	77	42946	5	1	1	Eukaryotic translation initiation factor 3 subunit M
ELAV1_MOUSE	38	36317	1	1	1	ELAV-like protein 1
ELMO1_MOUSE	18	84623	1	1	1	Engulfment and cell motility protein 1
ELOB_MOUSE	23	13219	2	2	2	Elongin-B
ENOA_MOUSE	62377	47453	2162	23	16	Alpha-enolase
ENOB_MOUSE	95508	47337	3265	32	24	Beta-enolase
ENOG_MOUSE	40315	47609	1483	10	2	Gamma-enolase
ENPL_MOUSE	1496	92703	38	5	3	Endoplasmin
ENPP4_MOUSE	29	51920	3	1	1	Bis(5'-adenosyl)-triphosphatase enpp4
ENTP2_MOUSE	24	54912	2	1	1	Ectonucleoside triphosphate diphosphohydrolase 2
EPDR1_MOUSE	27	25868	2	2	2	Mammalian ependymin-related protein 1
EPHB4_MOUSE	18	110318	1	1	1	Ephrin type-B receptor 4
ERBB3_MOUSE	25	150825	4	1	1	Receptor tyrosine-protein kinase erbB-3
ES1_MOUSE	882	28415	64	10	10	ES1 protein homolog, mitochondrial
ESIP1_MOUSE	18	36248	1	1	1	Epithelial-stromal interaction protein 1
ESTD_MOUSE	946	31870	44	7	7	S-formylglutathione hydrolase
ETFA_MOUSE	8097	35330	329	15	15	Electron transfer flavoprotein subunit alpha, mitochondrial
ETFB_MOUSE	6577	27834	284	12	12	Electron transfer flavoprotein subunit beta
ETFD_MOUSE	1951	68903	138	18	18	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
EX3L1_MOUSE	41	81838	8	1	1	Exocyst complex component 3-like protein
EXOC4_MOUSE	86	111273	16	1	1	Exocyst complex component 4
F111A_MOUSE	23	71044	2	1	1	Protein FAM111A
F162A_MOUSE	89	17884	9	2	2	Protein FAM162A
F16B2_MOUSE	20	83316	1	1	1	Protein FAM160B2
F16P2_MOUSE	661	37209	26	5	5	Fructose-1,6-bisphosphatase isozyme 2
F210A_MOUSE	17	31637	1	1	1	Protein FAM210A
FA35A_MOUSE	25	100453	1	1	1	Protein FAM35A
FA49B_MOUSE	22	37038	1	1	1	Protein FAM49B
FA98A_MOUSE	43	55477	3	2	2	Protein FAM98A
FABP4_MOUSE	2233	14755	102	7	7	Fatty acid-binding protein, adipocyte
FABPH_MOUSE	2999	14810	159	7	7	Fatty acid-binding protein, heart
FACE1_MOUSE	73	54985	8	1	1	CAAX prenyl protease 1 homolog
FAHD2_MOUSE	45	35067	3	1	1	Fumarylacetoacetate hydrolase domain-containing protein 2A
FAS_MOUSE	209	274994	11	2	2	Fatty acid synthase
FBF1_MOUSE	25	130400	1	1	1	Fas-binding factor 1
FBN1_MOUSE	115	332668	17	7	7	Fibrillin-1
FBRL_MOUSE	18	34400	2	2	2	rRNA 2'-O-methyltransferase fibrillarin
FBX21_MOUSE	30	72982	3	1	1	F-box only protein 21
FBX42_MOUSE	19	78469	1	1	1	F-box only protein 42
FETUA_MOUSE	610	38100	45	3	3	Alpha-2-HS-glycoprotein
FGF16_MOUSE	66	23877	12	1	1	Fibroblast growth factor 16
FHAD1_MOUSE	48	164538	1	1	1	Forkhead-associated domain-containing protein 1
FHL1_MOUSE	9705	33806	555	16	16	Four and a half LIM domains protein 1

FHL3_MOUSE	2147	33769	72	8	8	Four and a half LIM domains protein 3
FHOD3_MOUSE	34	176630	2	1	1	FH1/FH2 domain-containing protein 3
FIBA_MOUSE	253	88117	15	5	5	Fibrinogen alpha chain
FIBB_MOUSE	608	55402	47	10	10	Fibrinogen beta chain
FIBG_MOUSE	927	50044	51	7	7	Fibrinogen gamma chain
FINC_MOUSE	1020	276017	49	17	17	Fibronectin
FIS1_MOUSE	367	17055	24	3	3	Mitochondrial fission 1 protein
FTTM1_MOUSE	1200	32715	77	6	6	Fat storage-inducing transmembrane protein 1
FKB1A_MOUSE	658	11972	35	2	2	Peptidyl-prolyl cis-trans isomerase FKBP1A
FKBP3_MOUSE	60	25189	2	1	1	Peptidyl-prolyl cis-trans isomerase FKBP3
FLNA_MOUSE	2710	283897	163	10	4	Filamin-A
FLNB_MOUSE	4345	280103	182	9	2	Filamin-B
FLNC_MOUSE	52658	293560	2334	108	99	Filamin-C
FMN1_MOUSE	20	164791	1	1	1	Formin-1
FMO1_MOUSE	49	60446	3	1	1	Dimethylaniline monooxygenase [N-oxide-forming] 1
FMOD_MOUSE	9629	43427	396	9	9	Fibromodulin
FN3K_MOUSE	359	35238	16	2	2	Fructosamine-3-kinase
FRIH_MOUSE	641	21224	50	7	7	Ferritin heavy chain
FRIL1_MOUSE	896	20847	33	4	4	Ferritin light chain 1
FSD2_MOUSE	40	79985	2	1	1	Fibronectin type III and SPRY domain-containing protein 2
FUMH_MOUSE	6203	54550	315	18	18	Fumarate hydratase, mitochondrial
FUND2_MOUSE	119	16611	9	1	1	FUN14 domain-containing protein 2
FXR1_MOUSE	1373	76517	58	5	5	Fragile X mental retardation syndrome-related protein 1
G3BP1_MOUSE	32	51854	1	1	1	Ras GTPase-activating protein-binding protein 1
G3P_MOUSE	72851	36072	2721	26	26	Glyceraldehyde-3-phosphate dehydrogenase
G45IP_MOUSE	57	25861	6	1	1	Growth arrest and DNA damage-inducible proteins-interacting protein 1
G6PI_MOUSE	7825	62955	433	28	28	Glucose-6-phosphate isomerase
GARS_MOUSE	67	82624	4	1	1	Glycine--tRNA ligase
GBB1_MOUSE	473	38151	31	4	1	Guanine nucleotide-binding protein G(1)/G(S)/G(T) subunit beta-1
GBB2_MOUSE	476	38048	32	4	1	Guanine nucleotide-binding protein G(1)/G(S)/G(T) subunit beta-2
GCAA_MOUSE	360	36936	24	4	4	Ig gamma-2A chain C region, A allele
GCDH_MOUSE	24	49088	1	1	1	Glutaryl-CoA dehydrogenase, mitochondrial
GDA_MOUSE	759	51059	37	4	1	Rab GDP dissociation inhibitor alpha
GDIB_MOUSE	2464	51018	105	9	6	Rab GDP dissociation inhibitor beta
GDIR1_MOUSE	278	23450	16	4	4	Rho GDP-dissociation inhibitor 1
GELS_MOUSE	269	86287	27	7	7	Gelsolin
GEPH_MOUSE	135	83971	5	2	2	Gephyrin
GFPT1_MOUSE	17	79287	1	1	1	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1
GLGB_MOUSE	57	80769	4	3	3	1,4-alpha-glucan-branching enzyme
GLNA_MOUSE	19	42834	1	1	1	Glutamine synthetase
GLO2_MOUSE	48	34519	2	1	1	Hydroxyacylglutathione hydrolase, mitochondrial
GLOD4_MOUSE	170	33581	11	1	1	Glyoxalase domain-containing protein 4
GLRX1_MOUSE	32	12148	1	1	1	Glutaredoxin-1
GLYG_MOUSE	2863	37606	146	10	10	Glycogenin-1
GMPR1_MOUSE	494	37971	25	3	3	GMP reductase 1
GNAL_MOUSE	204	44794	7	1	1	Guanine nucleotide-binding protein G(olf) subunit alpha
GPC1_MOUSE	70	62404	6	4	4	Glypican-1
GPD_MOUSE	8091	38176	417	23	23	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
GPD_MOUSE	5792	81416	298	26	26	Glycerol-3-phosphate dehydrogenase, mitochondrial
GPSM2_MOUSE	18	76285	1	1	1	G-protein-signaling modulator 2
GPX3_MOUSE	77	25720	8	1	1	Glutathione peroxidase 3
GPX4_MOUSE	466	22925	20	2	2	Phospholipid hydroperoxide glutathione peroxidase
GRCR2_MOUSE	18	29096	1	1	1	Glutaredoxin domain-containing cysteine-rich protein 2
GRHPR_MOUSE	115	35706	9	3	3	Glyoxylate reductase/hydroxypyruvate reductase
GRP75_MOUSE	3471	73701	167	19	19	Stress-70 protein, mitochondrial
GSTK1_MOUSE	160	25801	4	2	2	Glutathione S-transferase kappa 1
GSTM1_MOUSE	3551	26067	132	13	10	Glutathione S-transferase Mu 1
GSTM2_MOUSE	2497	25871	82	6	3	Glutathione S-transferase Mu 2
GSTM5_MOUSE	1102	27016	49	4	3	Glutathione S-transferase Mu 5
GSTP1_MOUSE	3161	23765	155	8	8	Glutathione S-transferase P 1
GTR4_MOUSE	30	54948	1	1	1	Solute carrier family 2, facilitated glucose transporter member 4
GYS1_MOUSE	4528	84672	245	18	18	Glycogen [starch] synthase, muscle
H10_MOUSE	132	20848	10	3	3	Histone H1.0
H12_MOUSE	254	21254	17	4	1	Histone H1.2
H14_MOUSE	263	21964	17	4	1	Histone H1.4
H2A2A_MOUSE	4335	14087	206	7	4	Histone H2A type 2-A
H2AV_MOUSE	1496	13501	87	4	2	Histone H2A.V
H2AX_MOUSE	1711	15133	111	6	3	Histone H2AX
H2AY_MOUSE	536	39882	28	3	3	Core histone macro-H2A.1
H2B1B_MOUSE	5560	13944	211	8	8	Histone H2B type 1-B
H31_MOUSE	689	15509	50	4	1	Histone H3.1
H32_MOUSE	1781	15436	80	4	1	Histone H3.2
H3C_MOUSE	4426	15363	146	4	1	Histone H3.3C
H4_MOUSE	7345	11360	317	7	7	Histone H4
HACD1_MOUSE	20	32477	1	1	1	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 1
HBA_MOUSE	8638	15133	559	9	9	Hemoglobin subunit alpha
HBB1_MOUSE	27119	15944	955	16	8	Hemoglobin subunit beta-1
HBB2_MOUSE	14116	15982	678	15	7	Hemoglobin subunit beta-2
HCD2_MOUSE	2638	27516	103	7	7	3-hydroxyacyl-CoA dehydrogenase type-2
HCDH_MOUSE	3084	34613	128	9	9	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
HDHD2_MOUSE	116	28883	11	2	2	Haloacid dehalogenase-like hydrolase domain-containing protein 2
HEM2_MOUSE	28	36456	2	1	1	Delta-aminolevulinic acid dehydratase
HEMH_MOUSE	170	47670	9	2	2	Ferrochelatase, mitochondrial

HEMO_MOUSE	938	52026	83	12	12	Hemopexin
HERC2_MOUSE	28	533966	1	1	1	E3 ubiquitin-protein ligase HERC2
HGFA_MOUSE	19	72860	1	1	1	Hepatocyte growth factor activator
HHATL_MOUSE	5389	57021	252	12	12	Protein-cysteine N-palmitoyltransferase HHAT-like protein
HIBCH_MOUSE	71	43295	6	3	3	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial
HINT1_MOUSE	133	13882	12	3	3	Histidine triad nucleotide-binding protein 1
HINT2_MOUSE	29	17366	2	1	1	Histidine triad nucleotide-binding protein 2, mitochondrial
HMCB1_MOUSE	30	25049	2	1	1	High mobility group protein B1
HMMR_MOUSE	20	92242	1	1	1	Hyaluronan mediated motility receptor
HNRH1_MOUSE	119	49454	4	2	2	Heterogeneous nuclear ribonucleoprotein H
HNRPD_MOUSE	53	38501	7	2	2	Heterogeneous nuclear ribonucleoprotein D0
HNRPK_MOUSE	2418	51230	101	6	6	Heterogeneous nuclear ribonucleoprotein K
HNRPQ_MOUSE	77	69818	5	2	2	Heterogeneous nuclear ribonucleoprotein Q
HNRPU_MOUSE	125	88661	8	4	4	Heterogeneous nuclear ribonucleoprotein U
HRG_MOUSE	32	60095	2	1	1	Histidine-rich glycoprotein
HS12B_MOUSE	115	76812	5	1	1	Heat shock 70 kDa protein 12B
HS71A_MOUSE	3129	70321	140	7	2	Heat shock 70 kDa protein 1A
HS90A_MOUSE	3626	85134	157	10	2	Heat shock protein HSP 90-alpha
HS90B_MOUSE	8991	83571	480	27	17	Heat shock protein HSP 90-beta
HSDL2_MOUSE	37	54516	2	2	2	Hydroxysteroid dehydrogenase-like protein 2
HSP74_MOUSE	21	94872	1	1	1	Heat shock 70 kDa protein 4
HSP7C_MOUSE	27870	71055	1251	37	31	Heat shock cognate 71 kDa protein
HSPB1_MOUSE	2116	23057	139	10	10	Heat shock protein beta-1
HSPB2_MOUSE	73	20419	4	2	2	Heat shock protein beta-2
HSPB6_MOUSE	2094	17567	122	8	8	Heat shock protein beta-6
HSPB7_MOUSE	791	18680	34	4	4	Heat shock protein beta-7
HSPB8_MOUSE	87	21691	6	2	2	Heat shock protein beta-8
HVM12_MOUSE	24	13089	1	1	1	Ig heavy chain V region MOPC 104E
HXK2_MOUSE	3317	103951	206	25	25	Hexokinase-2
HYEP_MOUSE	30	52714	1	1	1	Epoxide hydrolase 1
HYES_MOUSE	44	63045	2	1	1	Bifunctional epoxide hydrolase 2
I20RA_MOUSE	19	62680	1	1	1	Interleukin-20 receptor subunit alpha
IFP2_MOUSE	22	114002	3	1	1	Type II inositol 1,4,5-trisphosphate 5-phosphatase
IDH3A_MOUSE	9831	40069	448	16	16	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial
IDHC_MOUSE	230	47044	27	4	3	Isocitrate dehydrogenase [NADP] cytoplasmic
IDHG1_MOUSE	4048	43157	266	12	12	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial
IDHP_MOUSE	7085	51330	429	23	22	Isocitrate dehydrogenase [NADP], mitochondrial
IF2A_MOUSE	175	36371	10	2	2	Eukaryotic translation initiation factor 2 subunit 1
IF2G_MOUSE	161	51603	11	2	2	Eukaryotic translation initiation factor 2 subunit 3, X-linked
IF2P_MOUSE	51	137988	3	1	1	Eukaryotic translation initiation factor 5B
IF4A1_MOUSE	1244	46353	72	9	3	Eukaryotic initiation factor 4A-I
IF4A2_MOUSE	1346	46601	77	9	3	Eukaryotic initiation factor 4A-II
IF4B_MOUSE	42	68970	1	1	1	Eukaryotic translation initiation factor 4B
IF4G1_MOUSE	205	176823	16	3	3	Eukaryotic translation initiation factor 4 gamma 1
IF4G2_MOUSE	29	102554	1	1	1	Eukaryotic translation initiation factor 4 gamma 2
IF5A1_MOUSE	2010	17049	121	7	7	Eukaryotic translation initiation factor 5A-1
IGG2B_MOUSE	81	44972	6	3	3	Ig gamma-2B chain C region
IGH1M_MOUSE	325	44043	17	5	5	Ig gamma-1 chain C region, membrane-bound form
IGHM_MOUSE	32	50625	2	1	1	Immunoglobulin heavy constant mu
IGKC_MOUSE	213	12098	20	5	5	Immunoglobulin kappa constant
ILK_MOUSE	43	51853	3	1	1	Integrin-linked protein kinase
IMA3_MOUSE	351	58400	16	1	1	Importin subunit alpha-3
IMA4_MOUSE	158	58193	14	3	3	Importin subunit alpha-4
IMB1_MOUSE	476	98377	23	4	4	Importin subunit beta-1
INMT_MOUSE	111	30068	4	1	1	Indolethylamine N-methyltransferase
INO1_MOUSE	33	61520	1	1	1	Inositol-3-phosphate synthase 1
INP4B_MOUSE	18	105378	1	1	1	Type II inositol 3,4-bisphosphate 4-phosphatase
INP5K_MOUSE	32	54295	1	1	1	Inositol polyphosphate 5-phosphatase K
IPO5_MOUSE	357	124993	22	4	4	Importin-5
IPO7_MOUSE	50	120721	2	2	2	Importin-7
IQGA2_MOUSE	20	181100	1	1	1	Ras GTPase-activating-like protein IQGAP2
IQUB_MOUSE	22	92756	1	1	1	IQ and ubiquitin-like domain-containing protein
ISC2A_MOUSE	260	22745	18	4	4	Isochorismatase domain-containing protein 2A
ITA7_MOUSE	66	130502	7	3	3	Integrin alpha-7
ITB1_MOUSE	97	91424	11	4	4	Integrin beta-1
ITBP2_MOUSE	51	39541	2	1	1	Integrin beta-1-binding protein 2
ITIH4_MOUSE	37	104765	2	1	1	Inter alpha-trypsin inhibitor, heavy chain 4
IVD_MOUSE	750	46695	46	9	9	Isovaleryl-CoA dehydrogenase, mitochondrial
JAM3_MOUSE	84	35386	9	1	1	Junctional adhesion molecule C
JPH1_MOUSE	330	72374	38	13	13	Junctophilin-1
JPH2_MOUSE	852	74818	66	11	11	Junctophilin-2
JSPR1_MOUSE	2936	36242	148	10	10	Junctional sarcoplasmic reticulum protein 1
K1C15_MOUSE	160	49278	12	4	1	Keratin, type I cytoskeletal 15
K1C17_MOUSE	99	48417	8	3	1	Keratin, type I cytoskeletal 17
K1H1_MOUSE	8429	48911	301	20	2	Keratin, type I cuticular Ha1
K22O_MOUSE	187	63319	16	4	1	Keratin, type II cytoskeletal 2 oral
KAD1_MOUSE	20801	21640	696	15	15	Adenylate kinase isoenzyme 1
KAD2_MOUSE	71	26737	4	2	2	Adenylate kinase 2, mitochondrial
KANK4_MOUSE	62	111077	4	1	1	KN motif and ankyrin repeat domain-containing protein 4
KAP0_MOUSE	34	43443	3	2	2	cAMP-dependent protein kinase type I-alpha regulatory subunit
KAP2_MOUSE	1181	45703	68	8	8	cAMP-dependent protein kinase type II-alpha regulatory subunit
KAPCA_MOUSE	182	40659	6	2	2	cAMP-dependent protein kinase catalytic subunit alpha
KAT2B_MOUSE	59	92680	9	1	1	Histone acetyltransferase KAT2B



KCC2A_MOUSE	4594	54651	213	11	8	Calcium/calmodulin-dependent protein kinase type II subunit alpha
KCC2D_MOUSE	788	56961	46	7	3	Calcium/calmodulin-dependent protein kinase type II subunit delta
KCC2G_MOUSE	1398	60254	94	11	8	Calcium/calmodulin-dependent protein kinase type II subunit gamma
KCNK3_MOUSE	21	45723	1	1	1	Potassium channel subfamily K member 3
KCRB_MOUSE	334	42971	37	3	2	Creatine kinase B-type
KCRM_MOUSE	139811	43246	5228	40	39	Creatine kinase M-type
KCRS_MOUSE	37940	47899	1517	22	22	Creatine kinase S-type, mitochondrial
KCTD1_MOUSE	28	29671	1	1	1	BTB/POZ domain-containing protein KCTD1
KERA_MOUSE	1107	40777	64	8	8	Keratocan
KIF15_MOUSE	114	161104	17	1	1	Kinesin-like protein KIF15
KISHA_MOUSE	20	8353	1	1	1	Protein kish-A
KISHB_MOUSE	18	8474	1	1	1	Protein kish-B
KLH40_MOUSE	5869	70400	236	21	21	Kelch-like protein 40
KLH41_MOUSE	17920	68945	790	31	31	Kelch-like protein 41
KNG1_MOUSE	19	74140	1	1	1	Kininogen-1
KPB1_MOUSE	4198	139877	200	24	24	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform
KPBB_MOUSE	2864	124951	128	21	21	Phosphorylase b kinase regulatory subunit beta
KPRA_MOUSE	48	39692	4	2	2	Phosphoribosyl pyrophosphate synthase-associated protein 1
KPYM_MOUSE	52332	58378	1957	34	34	Pyruvate kinase PKM
KRI95_MOUSE	123	6798	4	1	1	Keratin-associated protein 19-5
KRA65_MOUSE	76	8509	4	1	1	Keratin-associated protein 6-5
KRT34_MOUSE	7669	46185	292	23	4	Keratin, type I cuticular Ha4
KRT85_MOUSE	3466	57377	222	20	5	Keratin, type II cuticular Hb5
KRT86_MOUSE	7924	55098	381	32	10	Keratin, type II cuticular Hb6
KRT87_MOUSE	6250	56190	326	29	7	Keratin, type II cuticular 87
KT33A_MOUSE	8613	47704	307	20	4	Keratin, type I cuticular Ha3-I
KT33B_MOUSE	6596	47488	254	21	5	Keratin, type I cuticular Ha3-II
L2HDH_MOUSE	40	51551	6	1	1	L-2-hydroxyglutarate dehydrogenase, mitochondrial
LAMA2_MOUSE	14216	352831	771	66	66	Laminin subunit alpha-2
LAMA4_MOUSE	292	204372	20	3	3	Laminin subunit alpha-4
LAMA5_MOUSE	589	416165	24	5	5	Laminin subunit alpha-5
LAMB1_MOUSE	3746	204203	187	21	21	Laminin subunit beta-1
LAMB2_MOUSE	4923	203579	295	41	41	Laminin subunit beta-2
LAMC1_MOUSE	8919	182830	434	33	33	Laminin subunit gamma-1
LAMP1_MOUSE	166	44293	8	1	1	Lysosome-associated membrane glycoprotein 1
LAP2A_MOUSE	50	75807	2	1	1	Lamina-associated polypeptide 2, isoforms alpha/zeta
LCAP_MOUSE	38	117799	4	1	1	Leucyl-cystinyl aminopeptidase
LDB3_MOUSE	21498	77581	997	23	23	LIM domain-binding protein 3
LDHA_MOUSE	26752	36817	1084	24	23	L-lactate dehydrogenase A chain
LDHB_MOUSE	6361	36834	258	15	14	L-lactate dehydrogenase B chain
LEG1_MOUSE	1078	15198	78	6	6	Galectin-1
LETM1_MOUSE	221	83621	21	6	6	Mitochondrial proton/calcium exchanger protein
LGUL_MOUSE	2103	20967	98	6	6	Lactoylglutathione lyase
LLPH_MOUSE	26	15495	1	1	1	Protein LLP homolog
LMAN1_MOUSE	18	58038	2	2	2	Protein ERGIC-53
LMCD1_MOUSE	38	42167	3	3	3	LIM and cysteine-rich domains protein 1
LMNA_MOUSE	10322	74478	508	37	35	Prelamin-A/C
LMNB1_MOUSE	1179	66973	89	11	8	Lamin-B1
LMNB2_MOUSE	416	67391	42	9	6	Lamin-B2
LMOD3_MOUSE	91	65762	5	1	1	Leiomodin-3
LNEBL_MOUSE	22	31492	1	1	1	LIM zinc-binding domain-containing Nebulette
LNP_MOUSE	100	47755	6	1	1	Endoplasmic reticulum junction formation protein lunapark
LONM_MOUSE	269	106347	24	9	9	Lon protease homolog, mitochondrial
LPPRC_MOUSE	1895	157770	115	14	14	Leucine-rich PPR motif-containing protein, mitochondrial
LRBA_MOUSE	32	319828	4	1	1	Lipopolysaccharide-responsive and beige-like anchor protein
LRC20_MOUSE	121	20910	12	2	2	Leucine-rich repeat-containing protein 20
LRC39_MOUSE	23	39321	2	1	1	Leucine-rich repeat-containing protein 39
LRC8C_MOUSE	25	93338	1	1	1	Volume-regulated anion channel subunit LRRC8C
LRRK1_MOUSE	18	228405	1	1	1	Leucine-rich repeat serine/threonine-protein kinase 1
LUM_MOUSE	6121	38640	335	12	12	Lumican
LX12E_MOUSE	32	76092	1	1	1	Arachidonate 12-lipoxygenase, epidermal-type
LY6C1_MOUSE	32	14867	2	1	1	Lymphocyte antigen 6C1
LYAG_MOUSE	52	106921	2	1	1	Lysosomal alpha-glucosidase
LYPA1_MOUSE	24	25014	2	2	2	Acyl-protein thioesterase 1
LZTL1_MOUSE	19	34809	1	1	1	Leucine zipper transcription factor-like protein 1
M2OM_MOUSE	7520	34304	347	15	15	Mitochondrial 2-oxoglutarate/malate carrier protein
M4K4_MOUSE	22	141257	1	1	1	Mitogen-activated protein kinase kinase kinase 4
MAAI_MOUSE	36	24431	1	1	1	Maleylacetoacetate isomerase
MACD1_MOUSE	6182	35843	211	10	10	O-acetyl-ADP-ribose deacetylase MACROD1
MACF1_MOUSE	45	836893	7	2	2	Microtubule-actin cross-linking factor 1
MAON_MOUSE	1156	67683	42	3	3	NADP-dependent malic enzyme, mitochondrial
MAOX_MOUSE	487	64540	32	7	7	NADP-dependent malic enzyme
MAP1B_MOUSE	25	271343	1	1	1	Microtubule-associated protein 1B
MAP1S_MOUSE	33	103902	1	1	1	Microtubule-associated protein 1S
MAVS_MOUSE	56	53822	6	3	3	Mitochondrial antiviral-signaling protein
MBB1A_MOUSE	19	152854	1	1	1	Myb-binding protein 1A
MBP_MOUSE	1518	27151	112	6	6	Myelin basic protein
MCA3_MOUSE	30	19903	1	1	1	Eukaryotic translation elongation factor 1 epsilon-1
MCAF2_MOUSE	33	51513	2	1	1	Activating transcription factor 7-interacting protein 2
MCAT_MOUSE	236	33347	21	4	4	Mitochondrial carnitine/acylcarnitine carrier protein
MCCA_MOUSE	74	79692	5	2	2	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial
MCCB_MOUSE	174	61910	10	2	2	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
MCM5_MOUSE	41	83145	7	1	1	DNA replication licensing factor MCM5

MCPT4_MOUSE	287	27528	24	5	5	Mast cell protease 4
MCT51_MOUSE	29	20770	1	1	1	Malignant T-cell-amplified sequence 1
MCU_MOUSE	238	39999	16	4	4	Calcium uniporter protein, mitochondrial
MDHC_MOUSE	10504	36659	422	15	15	Malate dehydrogenase, cytoplasmic
MDHM_MOUSE	34989	36045	1280	19	19	Malate dehydrogenase, mitochondrial
MECR_MOUSE	27	40545	2	2	2	Enoyl-[acyl-carrier-protein] reductase, mitochondrial
MED25_MOUSE	28	78577	4	1	1	Mediator of RNA polymerase II transcription subunit 25
MET15_MOUSE	17	45482	1	1	1	Probable methyltransferase-like protein 15
MFAP4_MOUSE	94	29261	4	2	2	Microfibril-associated glycoprotein 4
MFGM_MOUSE	23	52348	1	1	1	Lactadherin
MFN2_MOUSE	19	86874	1	1	1	Mitofusin-2
MGDP1_MOUSE	38	18628	2	2	2	Magnesium-dependent phosphatase 1
MGLL_MOUSE	53	33708	2	1	1	Monoglyceride lipase
MGST3_MOUSE	1857	17118	43	4	4	Microsomal glutathione S-transferase 3
MIC10_MOUSE	18	8675	1	1	1	MIC complex subunit Mic10
MIC13_MOUSE	1465	13422	43	1	1	MIC complex subunit MIC13
MIC19_MOUSE	2834	26546	118	11	11	MIC complex subunit Mic19
MIC26_MOUSE	553	22704	41	5	5	MIC complex subunit Mic26
MIC27_MOUSE	118	29356	9	3	3	MIC complex subunit Mic27
MIC60_MOUSE	7864	84247	414	35	35	MIC complex subunit Mic60
MICU3_MOUSE	31	60058	2	1	1	Calcium uptake protein 3, mitochondrial
MID49_MOUSE	26	50049	1	1	1	Mitochondrial dynamics protein MID49
MIF_MOUSE	657	12667	44	2	2	Macrophage migration inhibitory factor
MIME_MOUSE	7233	34333	213	10	10	Mimecan
MK01_MOUSE	106	41648	10	2	2	Mitogen-activated protein kinase 1
MLI2B_MOUSE	22	19824	1	1	1	Myosin regulatory light chain 12B
MLIP_MOUSE	64	29505	2	1	1	Muscular LMNA-interacting protein
MLP3A_MOUSE	52	14320	4	1	1	Microtubule-associated proteins 1A/1B light chain 3A
MLRS_MOUSE	72232	19057	3037	22	22	Myosin regulatory light chain 2, skeletal muscle isoform
MLRV_MOUSE	5204	18852	300	13	13	Myosin regulatory light chain 2, ventricular/cardiac muscle isoform
MMP17_MOUSE	29	64635	1	1	1	Matrix metalloproteinase-17
MMP20_MOUSE	31	54510	4	1	1	Matrix metalloproteinase-20
MMSA_MOUSE	1148	58335	78	12	12	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
MOAP1_MOUSE	26	39664	1	1	1	Modulator of apoptosis 1
MOT1_MOUSE	24	53860	1	1	1	Monocarboxylate transporter 1
MOT4_MOUSE	80	50968	6	2	2	Monocarboxylate transporter 4
MP2K3_MOUSE	31	39613	1	1	1	Dual specificity mitogen-activated protein kinase kinase 3
MP2K4_MOUSE	45	44542	1	1	1	Dual specificity mitogen-activated protein kinase kinase 4
MPC1_MOUSE	2327	12617	91	3	3	Mitochondrial pyruvate carrier 1
MPC2_MOUSE	408	14334	28	4	4	Mitochondrial pyruvate carrier 2
MPCP_MOUSE	7131	40063	353	16	16	Phosphate carrier protein, mitochondrial
MPI_MOUSE	18	47229	1	1	1	Mannose-6-phosphate isomerase
MPPA_MOUSE	1215	58755	24	1	1	Mitochondrial-processing peptidase subunit alpha
MPPB_MOUSE	350	55378	22	2	1	Mitochondrial-processing peptidase subunit beta
MRAP2_MOUSE	18	23778	2	1	1	Melanocortin-2 receptor accessory protein 2
MRGB3_MOUSE	62	36341	7	1	1	Mas-related G-protein coupled receptor member B3
MSPD1_MOUSE	28	24401	3	2	2	Motile sperm domain-containing protein 1
MTAP2_MOUSE	23	199409	1	1	1	Microtubule-associated protein 2
MTCH2_MOUSE	1188	34104	90	7	7	Mitochondrial carrier homolog 2
MTFF1_MOUSE	403	18360	22	2	2	Mitochondrial fission process protein 1
MTMR9_MOUSE	26	63609	1	1	1	Myotubularin-related protein 9
MTX1_MOUSE	99	35886	8	1	1	Metaxin-1
MTX2_MOUSE	134	30081	8	3	3	Metaxin-2
MUG1_MOUSE	57	166618	4	1	1	Murinoglobulin-1
MVP_MOUSE	236	96150	17	8	8	Major vault protein
MY18A_MOUSE	510	233637	32	6	6	Unconventional myosin-XVIIIa
MYBPH_MOUSE	14113	53065	582	19	19	Myosin-binding protein H
MYBPP_MOUSE	99	106785	13	1	1	MYCBP-associated protein
MYG_MOUSE	23310	17116	937	15	15	Myoglobin
MYH1_MOUSE	697229	224116	23704	211	47	Myosin-1
MYH10_MOUSE	4791	229824	231	4	1	Myosin-10
MYH11_MOUSE	5088	227743	252	4	1	Myosin-11
MYH3_MOUSE	212948	224736	8638	86	12	Myosin-3
MYH4_MOUSE	1449536	223632	43466	241	72	Myosin-4
MYH7_MOUSE	257369	223539	9252	151	97	Myosin-7
MYH7B_MOUSE	32339	222501	1298	25	8	Myosin-7B
MYH8_MOUSE	578992	223653	19275	153	14	Myosin-8
MYH9_MOUSE	6058	227429	303	12	8	Myosin-9
MYL1_MOUSE	82533	20695	2754	22	18	Myosin light chain 1/3, skeletal muscle isoform
MYL3_MOUSE	31631	22521	1151	17	13	Myosin light chain 3
MYL4_MOUSE	4099	21260	127	3	1	Myosin light chain 4
MYL6B_MOUSE	589	22849	33	7	7	Myosin light chain 6B
MYL9_MOUSE	20	19898	1	1	1	Myosin regulatory light polypeptide 9
MYLK2_MOUSE	385	66633	48	11	11	Myosin light chain kinase 2, skeletal/cardiac muscle
MYO1C_MOUSE	218	122723	9	2	2	Unconventional myosin-Ic
MYOC_MOUSE	84	55622	6	3	3	Myocilin
MYOM1_MOUSE	110842	186546	4933	112	112	Myomesin-1
MYOM3_MOUSE	12940	162761	563	57	57	Myomesin-3
MYOT1_MOUSE	11916	55738	761	28	28	Myotilin
MYOZ1_MOUSE	25659	31438	960	16	16	Myozenin-1
MYOZ2_MOUSE	1355	29800	95	9	9	Myozenin-2
MYOZ3_MOUSE	4982	27022	181	10	10	Myozenin-3
MYP0_MOUSE	4989	27775	225	8	8	Myelin protein P0

MYPC2_MOUSE	145775	128128	5614	94	94	Myosin-binding protein C, fast-type
MYPN_MOUSE	1394	145222	102	16	15	Myopalladin
MYPT2_MOUSE	26	109326	4	1	1	Protein phosphatase 1 regulatory subunit 12B
NACAM_MOUSE	3244	221277	217	38	38	Nascent polypeptide-associated complex subunit alpha, muscle-specific form
NAGAB_MOUSE	25	47717	2	2	2	Alpha-N-acetylgalactosaminidase
NAR1_MOUSE	876	36331	25	2	2	GPI-linked NAD(P)(+)--arginine ADP-ribosyltransferase 1
NAR3_MOUSE	371	42330	23	6	6	Ecto-ADP-ribosyltransferase 3
NB5R1_MOUSE	386	34284	31	7	7	NADH-cytochrome b5 reductase 1
NB5R3_MOUSE	1085	34334	72	11	11	NADH-cytochrome b5 reductase 3
NCAM1_MOUSE	22	120152	2	1	1	Neural cell adhesion molecule 1
NCKP1_MOUSE	19	130012	2	1	1	Nck-associated protein 1
NCLN_MOUSE	189	63097	10	1	1	Nicalin
NDE1_MOUSE	72	38556	19	1	1	Nuclear distribution protein nudE homolog 1
NDF2_MOUSE	20	41867	1	1	1	Neurogenic differentiation factor 2
NDF6_MOUSE	18	39075	1	1	1	Neurogenic differentiation factor 6
NDKB_MOUSE	3210	17466	208	8	8	Nucleoside diphosphate kinase B
NDRG2_MOUSE	4020	41105	192	10	10	Protein NDRG2
NDUA1_MOUSE	205	8190	8	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1
NDUA2_MOUSE	436	11023	26	5	5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
NDUA3_MOUSE	25	9325	1	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3
NDUA4_MOUSE	5550	9321	249	8	8	Cytochrome c oxidase subunit NDUA4
NDUA5_MOUSE	1978	13408	94	4	4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5
NDUA6_MOUSE	3172	15273	143	3	3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
NDUA7_MOUSE	380	12625	24	2	2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7
NDUA8_MOUSE	2894	20435	168	11	11	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8
NDUA9_MOUSE	8176	42612	305	18	18	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
NDUAA_MOUSE	9724	40863	412	18	18	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial
NDUAB_MOUSE	223	15258	19	3	3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11
NDUAC_MOUSE	1463	17133	89	5	5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
NDUAD_MOUSE	802	16849	36	4	4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13
NDUB1_MOUSE	930	7007	63	3	3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1
NDUB2_MOUSE	28	12017	3	2	2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial
NDUB3_MOUSE	54	11685	7	3	3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3
NDUB4_MOUSE	1276	15072	59	5	5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4
NDUB5_MOUSE	1318	21753	73	6	6	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
NDUB6_MOUSE	346	15505	40	5	5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6
NDUB7_MOUSE	755	16548	68	5	5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7
NDUB8_MOUSE	1124	21919	53	3	3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial
NDUB9_MOUSE	642	22255	87	5	5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
NDUBA_MOUSE	3892	21296	220	11	11	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
NDUBB_MOUSE	317	17490	25	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial
NDUC2_MOUSE	1039	14211	70	4	4	NADH dehydrogenase [ubiquinone] 1 subunit C2
NDUF4_MOUSE	46	20070	1	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4
NDUS1_MOUSE	15866	80752	712	36	36	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
NDUS2_MOUSE	4497	52991	245	16	16	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
NDUS3_MOUSE	10391	30302	315	15	15	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
NDUS4_MOUSE	374	19829	30	6	6	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
NDUS5_MOUSE	1006	12867	35	3	3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
NDUS6_MOUSE	119	13183	11	3	3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial
NDUS7_MOUSE	3331	24952	118	5	5	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
NDUS8_MOUSE	2685	24479	120	7	7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
NDUV1_MOUSE	7657	51486	405	21	21	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
NDUV2_MOUSE	1720	27610	90	6	6	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
NEBL_MOUSE	37	52339	3	1	1	Nebulette
NEDD8_MOUSE	298	8967	14	1	1	NEDD8
NEMO_MOUSE	32	48455	4	1	1	NF-kappa-B essential modulator
NEXN_MOUSE	87	72349	5	2	2	Nexilin
NFH_MOUSE	1188	117209	73	9	7	Neurofilament heavy polypeptide
NFL_MOUSE	3040	61528	198	22	19	Neurofilament light polypeptide
NFM_MOUSE	1937	95973	121	20	17	Neurofilament medium polypeptide
NID1_MOUSE	8272	139302	393	29	28	Nidogen-1
NID2_MOUSE	389	156610	34	9	8	Nidogen-2
NIPS2_MOUSE	2405	33083	144	11	11	Protein NipSnap homolog 2
NLRP6_MOUSE	174	98766	17	1	1	NACHT, LRR and PYD domains-containing protein 6
NLRX1_MOUSE	63	108789	5	1	1	NLR family member X1
NLTP_MOUSE	21	59715	1	1	1	Non-specific lipid-transfer protein
NNTM_MOUSE	1593	114449	106	18	18	NAD(P) transhydrogenase, mitochondrial
NOL3_MOUSE	177	24781	9	2	2	Nucleolar protein 3
NOMO1_MOUSE	20	134362	1	1	1	Nodal modulator 1
NONO_MOUSE	35	54620	4	2	2	Non-POU domain-containing octamer-binding protein
NP1L4_MOUSE	322	42824	20	2	2	Nucleosome assembly protein 1-like 4
NPM_MOUSE	73	32711	3	1	1	Nucleophosmin
NPTN_MOUSE	64	44688	5	2	2	Neuroplastin
NSF_MOUSE	75	83131	3	1	1	Vesicle-fusing ATPase
NSF1C_MOUSE	28	40685	2	1	1	NSFL1 cofactor p47
NTF2_MOUSE	18	14640	1	1	1	Nuclear transport factor 2
NTPCR_MOUSE	19	20825	1	1	1	Cancer-related nucleoside-triphosphatase homolog
NTRK1_MOUSE	23	88880	2	1	1	High affinity nerve growth factor receptor
NU1M_MOUSE	64	36092	6	1	1	NADH-ubiquinone oxidoreductase chain 1
NU3M_MOUSE	18	13267	1	1	1	NADH-ubiquinone oxidoreductase chain 3
NU4M_MOUSE	670	52018	39	4	4	NADH-ubiquinone oxidoreductase chain 4
NU5M_MOUSE	765	68771	30	2	2	NADH-ubiquinone oxidoreductase chain 5
NUCB2_MOUSE	31	50387	1	1	1	Nucleobindin-2

NUCG_MOUSE	48	32285	2	2	2	Endonuclease G, mitochondrial
NUCL_MOUSE	319	76734	25		4	Nucleolin
NUDT6_MOUSE	34	35517	1	1	1	Nucleoside diphosphate-linked moiety X motif 6
OAT_MOUSE	266	48723	13	5	5	Ornithine aminotransferase, mitochondrial
OBSCN_MOUSE	33569	979281	1892	167	167	Obscurin
OCAD2_MOUSE	958	17257	28		2	OCA domain-containing protein 2
ODB2_MOUSE	57	53555	4	1	1	Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial
ODBB_MOUSE	31	43651	1	1	1	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial
ODO1_MOUSE	21503	117572	1015	49	49	2-oxoglutarate dehydrogenase, mitochondrial
ODO2_MOUSE	7312	49306	306	11	11	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial
ODP2_MOUSE	11838	68469	548	22	22	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
ODPA_MOUSE	14732	43888	565	23	23	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
ODPB_MOUSE	12166	39254	576	14	14	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial
ODPX_MOUSE	1198	54250	69	7	7	Pyruvate dehydrogenase protein X component, mitochondrial
OLA1_MOUSE	1254	44929	40	2	2	Obg-like ATPase 1
OPA1_MOUSE	367	111783	23	8	8	Dynamin-like 120 kDa protein, mitochondrial
OPA3_MOUSE	167	20382	17	2	2	Optic atrophy 3 protein homolog
ORN_MOUSE	20	26950	1	1	1	Oligoribonuclease, mitochondrial
OST48_MOUSE	277	49225	25	2	2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
OTUB1_MOUSE	70	31478	3	1	1	Ubiquitin thioesterase OTUB1
OXR1_MOUSE	160	58462	15	3	3	Serine/threonine-protein kinase R1
PA2G4_MOUSE	30	44013	1	1	1	Proliferation-associated protein 2G4
PABP1_MOUSE	369	70854	19	2	2	Polyadenylate-binding protein 1
PACN3_MOUSE	1702	48897	94	7	7	Protein kinase C and casein kinase II substrate protein 3
PADI2_MOUSE	778	76942	53	7	7	Protein-arginine deiminase type-2
PAIRB_MOUSE	61	44801	2	1	1	Plasminogen activator inhibitor 1 RNA-binding protein
PALLD_MOUSE	58	153576	4	2	1	Palladin
PAR3L_MOUSE	26	133268	1	1	1	Partitioning defective 3 homolog B
PARD3_MOUSE	18	149668	2	1	1	Partitioning defective 3 homolog
PARK7_MOUSE	3874	20236	188	12	12	Protein/nucleic acid deglycase DJ-1
PARP9_MOUSE	81	97566	24	2	2	Poly [ADP-ribose] polymerase 9
PARVB_MOUSE	149	41700	12	1	1	Beta-parvin
PBIP1_MOUSE	5943	81514	257	18	18	Pre-B-cell leukemia transcription factor-interacting protein 1
PCBP1_MOUSE	230	37987	13	5	4	Poly(rC)-binding protein 1
PCBP2_MOUSE	198	38597	11	3	2	Poly(rC)-binding protein 2
PCCA_MOUSE	66	80498	5	3	3	Propionyl-CoA carboxylase alpha chain, mitochondrial
PCCB_MOUSE	397	58999	19	3	3	Propionyl-CoA carboxylase beta chain, mitochondrial
PDIA1_MOUSE	5074	57422	237	20	20	Protein disulfide-isomerase
PDIA3_MOUSE	353	57099	24	6	6	Protein disulfide-isomerase A3
PDIA6_MOUSE	98	48469	9	3	3	Protein disulfide-isomerase A6
PDK2_MOUSE	976	46239	42	5	5	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
PDK4_MOUSE	451	46909	21	4	4	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial
PDL1_MOUSE	24	36208	1	1	1	PDZ and LIM domain protein 1
PDL3_MOUSE	6888	34734	262	10	10	PDZ and LIM domain protein 3
PDL15_MOUSE	9413	64514	381	9	9	PDZ and LIM domain protein 5
PDL17_MOUSE	5054	51170	180	7	7	PDZ and LIM domain protein 7
PDP1_MOUSE	167	61712	15	5	5	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial
PDPR_MOUSE	357	100079	21	2	2	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial
PEBP1_MOUSE	1344	20988	65	6	6	Phosphatidylethanolamine-binding protein 1
PEDF_MOUSE	141	46262	7	2	2	Pigment epithelium-derived factor
PEPD_MOUSE	27	55962	1	1	1	Xaa-Pro dipeptidase
PER1_MOUSE	1371	54349	98	8	4	Peripherin
PFKAM_MOUSE	55700	86070	2121	41	41	ATP-dependent 6-phosphofructokinase, muscle type
PGAM1_MOUSE	2243	28928	93	5	1	Phosphoglycerate mutase 1
PGAM2_MOUSE	23967	28980	1044	19	15	Phosphoglycerate mutase 2
PGBM_MOUSE	5679	407847	300	40	40	Basement membrane-specific heparan sulfate proteoglycan core protein
PGES2_MOUSE	336	43581	14	2	2	Prostaglandin E synthase 2
PGFS_MOUSE	27	22055	2	2	2	Prostamide/prostaglandin F synthase
PGK1_MOUSE	19748	44921	811	28	28	Phosphoglycerate kinase 1
PGM1_MOUSE	24936	61665	1103	35	35	Phosphoglucomutase-1
PGM5_MOUSE	725	62751	73	3	3	Phosphoglucomutase-like protein 5
PGP_MOUSE	228	34975	9	1	1	Glycerol-3-phosphate phosphatase
PGS1_MOUSE	1333	42069	76	11	10	Biglycan
PGS2_MOUSE	11358	40126	542	15	14	Decorin
PHB_MOUSE	6707	29859	260	14	14	Prohibitin
PHB2_MOUSE	7217	33276	279	17	17	Prohibitin-2
PHF8_MOUSE	35	114508	2	1	1	Histone lysine demethylase PHF8
PHKG1_MOUSE	283	45387	23	5	5	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
PIGT_MOUSE	36	66347	5	2	2	GPI transamidase component PIG-T
PIMT_MOUSE	387	24676	25	4	4	Protein-L-isaspartate(D-aspartate) O-methyltransferase
PIPNA_MOUSE	379	32101	11	1	1	Phosphatidylinositol transfer protein alpha isoform
PK3CD_MOUSE	32	121118	5	1	1	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform
PLAK_MOUSE	31	82490	1	1	1	Junction plakoglobin
PLAP_MOUSE	21	88591	1	1	1	Phospholipase A-2-activating protein
PLCC_MOUSE	48	43952	3	2	2	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma
PLCD4_MOUSE	213	93547	10	1	1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
PLCG1_MOUSE	20	150999	2	1	1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1
PLD1_MOUSE	31	124689	1	1	1	Phospholipase D1
PLEC_MOUSE	73778	535800	3490	238	238	Plectin
PLIN4_MOUSE	1336	140297	84	13	13	Perilipin-4
PLM_MOUSE	384	10544	21	2	2	Phospholemman
PLMN_MOUSE	28	93486	3	1	1	Plasminogen
PLPHP_MOUSE	29	30201	1	1	1	Pyridoxal phosphate homeostasis protein

PLPL2_MOUSE	44	54478	14	1	1	Patatin-like phospholipase domain-containing protein 2
PLSI_MOUSE	26	70763	1	1	1	Plastin-1
PLXB3_MOUSE	20	211540	1	1	1	Plexin-B3
PMFBP_MOUSE	30	120467	1	1	1	Polyamine-modulated factor 1-binding protein 1
PNKD_MOUSE	38	43503	1	1	1	Probable hydrolase PNKD
PO3F2_MOUSE	30	47348	1	1	1	POU domain, class 3, transcription factor 2
PON2_MOUSE	213	39764	11	2	2	Serum paraoxonase/arylesterase 2
PON3_MOUSE	24	39554	2	2	2	Serum paraoxonase/lactonase 3
POSTN_MOUSE	1043	93769	40	5	5	Periostin
PP1A_MOUSE	1360	38257	65	9	1	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit
PP1B_MOUSE	1893	37961	101	11	3	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
PP1R7_MOUSE	41	41380	4	1	1	Protein phosphatase 1 regulatory subunit 7
PP2AA_MOUSE	53	36156	7	3	3	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
PP2BA_MOUSE	91	59291	10	2	2	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
PPAC_MOUSE	155	18636	11	3	3	Low molecular weight phosphotyrosine protein phosphatase
PPIA_MOUSE	1418	18131	74	6	6	Peptidyl-prolyl cis-trans isomerase A
PPIB_MOUSE	502	23699	29	5	5	Peptidyl-prolyl cis-trans isomerase B
PPR3A_MOUSE	662	122443	46	15	15	Protein phosphatase 1 regulatory subunit 3A
PRAF3_MOUSE	790	21543	49	4	4	PRA1 family protein 3
PRA_X_MOUSE	1260	147823	83	28	28	Periaxin
PRD16_MOUSE	26	142765	2	1	1	PR domain zinc finger protein 16
PRDX1_MOUSE	2027	22390	185	11	11	Peroxisiredoxin-1
PRDX2_MOUSE	3257	21936	148	9	9	Peroxisiredoxin-2
PRDX3_MOUSE	3368	28337	194	9	9	Thioredoxin-dependent peroxide reductase, mitochondrial
PRDX5_MOUSE	3471	22226	102	6	6	Peroxisiredoxin-5, mitochondrial
PRDX6_MOUSE	1757	24969	87	8	8	Peroxisiredoxin-6
PREL_P_MOUSE	7988	43607	347	14	14	Prolargin
PRLR_MOUSE	31	68996	2	1	1	Prolactin receptor
PROF1_MOUSE	551	15119	42	4	4	Profilin-1
PROF2_MOUSE	60	15364	5	2	2	Profilin-2
PROP_MOUSE	25	52802	1	1	1	Properdin
PROX1_MOUSE	29	83701	3	1	1	Prospero homeobox protein 1
PRPS1_MOUSE	6967	35325	275	14	14	Ribose-phosphate pyrophosphokinase 1
PRR33_MOUSE	396	28673	23	2	2	Proline-rich protein 33
PRS10_MOUSE	68	44430	3	1	1	26S proteasome regulatory subunit 10B
PRS4_MOUSE	75	49325	5	2	2	26S proteasome regulatory subunit 4
PRS6A_MOUSE	39	49803	2	2	2	26S proteasome regulatory subunit 6A
PRS6B_MOUSE	111	47493	7	4	4	26S proteasome regulatory subunit 6B
PRS7_MOUSE	93	49016	7	3	3	26S proteasome regulatory subunit 7
PRS8_MOUSE	316	45768	24	4	4	26S proteasome regulatory subunit 8
PRVA_MOUSE	6436	11923	246	9	9	Parvalbumin alpha
PSA_MOUSE	28	103944	1	1	1	Puromycin-sensitive aminopeptidase
PSA1_MOUSE	413	29813	48	5	5	Proteasome subunit alpha type-1
PSA2_MOUSE	725	26024	32	4	4	Proteasome subunit alpha type-2
PSA3_MOUSE	470	28615	18	4	4	Proteasome subunit alpha type-3
PSA4_MOUSE	176	29737	18	4	4	Proteasome subunit alpha type-4
PSA5_MOUSE	169	26565	8	2	2	Proteasome subunit alpha type-5
PSA6_MOUSE	206	27811	16	3	3	Proteasome subunit alpha type-6
PSA7_MOUSE	125	28009	9	4	4	Proteasome subunit alpha type-7
PSB1_MOUSE	526	26583	17	3	3	Proteasome subunit beta type-1
PSB2_MOUSE	420	23063	18	3	3	Proteasome subunit beta type-2
PSB3_MOUSE	674	23235	24	3	3	Proteasome subunit beta type-3
PSB5_MOUSE	158	28685	9	5	5	Proteasome subunit beta type-5
PSB6_MOUSE	157	25591	10	2	2	Proteasome subunit beta type-6
PSB7_MOUSE	40	30214	3	2	2	Proteasome subunit beta type-7
PSD1_MOUSE	195	110360	23	1	1	PH and SEC7 domain-containing protein 1
PSD11_MOUSE	241	47692	24	5	5	26S proteasome non-ATPase regulatory subunit 11
PSD12_MOUSE	218	53261	9	3	3	26S proteasome non-ATPase regulatory subunit 12
PSD13_MOUSE	637	43124	30	2	2	26S proteasome non-ATPase regulatory subunit 13
PSDE_MOUSE	143	34726	13	3	3	26S proteasome non-ATPase regulatory subunit 14
PSMD1_MOUSE	26	106689	2	1	1	26S proteasome non-ATPase regulatory subunit 1
PSMD2_MOUSE	480	100937	33	6	6	26S proteasome non-ATPase regulatory subunit 2
PSMD7_MOUSE	965	36574	31	4	4	26S proteasome non-ATPase regulatory subunit 7
PSMD8_MOUSE	109	40190	9	2	2	26S proteasome non-ATPase regulatory subunit 8
PTER_MOUSE	27	39535	1	1	1	Phosphotriesterase-related protein
PTH2_MOUSE	261	19742	19	2	2	Peptidyl-tRNA hydrolase 2, mitochondrial
PTPRB_MOUSE	36	225838	4	1	1	Receptor-type tyrosine-protein phosphatase beta
PTPRF_MOUSE	35	212439	1	1	1	Receptor-type tyrosine-protein phosphatase F
PUR2_MOUSE	70	108633	2	2	2	Trifunctional purine biosynthetic protein adenosine-3
PUR6_MOUSE	40	47717	2	2	2	Multifunctional protein ADE2
PUR8_MOUSE	583	55572	32	6	6	Adenylosuccinate lyase
PUR9_MOUSE	111	64690	8	1	1	Bifunctional purine biosynthesis protein PURH
PURA_MOUSE	617	34976	33	5	5	Transcriptional activator protein Pur-alpha
PURA1_MOUSE	8952	50508	410	22	21	Adenylosuccinate synthetase isozyme 1
PURA2_MOUSE	209	50389	13	2	1	Adenylosuccinate synthetase isozyme 2
PXMP2_MOUSE	48	22251	3	1	1	Peroxisomal membrane protein 2
PYC_MOUSE	711	130344	30	5	5	Pyruvate carboxylase, mitochondrial
PYGB_MOUSE	38821	97353	1327	20	3	Glycogen phosphorylase, brain form
PYGM_MOUSE	144694	97681	5053	76	59	Glycogen phosphorylase, muscle form
PYRG1_MOUSE	28	67324	1	1	1	CTP synthase 1
PZP_MOUSE	969	167116	61	11	11	Pregnancy zone protein
QCR1_MOUSE	19166	53446	905	21	20	Cytochrome b-c1 complex subunit 1, mitochondrial
QCR10_MOUSE	907	6534	47	1	1	Cytochrome b-c1 complex subunit 10

QCR2_MOUSE	24893	48262	969	22	22	Cytochrome b-c1 complex subunit 2, mitochondrial
QCR6_MOUSE	614	10713	17	3	3	Cytochrome b-c1 complex subunit 6, mitochondrial
QCR7_MOUSE	2034	13519	167	7	7	Cytochrome b-c1 complex subunit 7
QCR8_MOUSE	1456	9762	88	5	5	Cytochrome b-c1 complex subunit 8
QCR9_MOUSE	1431	7441	75	3	3	Cytochrome b-c1 complex subunit 9
RA51B_MOUSE	21	38755	3	2	2	DNA repair protein RAD51 homolog 2
RAB10_MOUSE	2721	22755	109	5	3	Ras-related protein Rab-10
RAB18_MOUSE	68	23306	5	4	4	Ras-related protein Rab-18
RAB1A_MOUSE	1446	22891	72	5	3	Ras-related protein Rab-1A
RAB21_MOUSE	36	24490	4	1	1	Ras-related protein Rab-21
RAB2A_MOUSE	159	23704	16	5	5	Ras-related protein Rab-2A
RAB35_MOUSE	1420	23296	68	3	2	Ras-related protein Rab-35
RAB5A_MOUSE	70	23812	5	3	3	Ras-related protein Rab-5A
RAB7A_MOUSE	183	23760	19	5	5	Ras-related protein Rab-7a
RAC1_MOUSE	80	21835	11	3	2	Ras-related C3 botulinum toxin substrate 1
RACK1_MOUSE	1184	35511	50	9	9	Receptor of activated protein C kinase 1
RAD1_MOUSE	22	32274	1	1	1	Cell cycle checkpoint protein RAD1
RADI_MOUSE	123	68614	11	4	4	Radixin
RAN_MOUSE	300	24579	21	4	4	GTP-binding nuclear protein Ran
RAP1A_MOUSE	1696	21316	60	5	5	Ras-related protein Rap-1A
RARA_MOUSE	27	51729	1	1	1	Retinoic acid receptor alpha
RASH_MOUSE	38	21627	3	1	1	GTPase HRas
RB11B_MOUSE	160	24589	13	7	7	Ras-related protein Rab-11B
RBBP5_MOUSE	32	59745	1	1	1	Retinoblastoma-binding protein 5
RBM3_MOUSE	49	16595	4	1	1	RNA-binding protein 3
RBM44_MOUSE	21	113978	2	1	1	RNA-binding protein 44
RCN1_MOUSE	464	38090	29	1	1	Reticulocalbin-1
REFP5_MOUSE	413	21265	23	1	1	Receptor expression-enhancing protein 5
RFX1_MOUSE	25	103985	1	1	1	MHC class II regulatory factor RFX1
RHG25_MOUSE	21	73679	1	1	1	Rho GTPase-activating protein 25
RHG26_MOUSE	28	92754	1	1	1	Rho GTPase-activating protein 26
RHOA_MOUSE	471	22110	32	5	1	Transforming protein RhoA
RHOC_MOUSE	180	22334	18	5	1	Rho-related GTP-binding protein RhoC
RIN3_MOUSE	94	108122	21	1	1	Ras and Rab interactor 3
RINI_MOUSE	46	51495	2	2	2	Ribonuclease inhibitor
RL10A_MOUSE	44	25072	5	2	2	60S ribosomal protein L10a
RL10L_MOUSE	164	24998	11	2	2	60S ribosomal protein L10-like
RL11_MOUSE	201	20468	25	3	3	60S ribosomal protein L11
RL12_MOUSE	784	17965	35	4	4	60S ribosomal protein L12
RL13_MOUSE	76	24348	3	2	2	60S ribosomal protein L13
RL17_MOUSE	72	21637	4	1	1	60S ribosomal protein L17
RL18_MOUSE	234	21688	15	3	3	60S ribosomal protein L18
RL18A_MOUSE	27	21004	1	1	1	60S ribosomal protein L18a
RL19_MOUSE	50	23565	2	1	1	60S ribosomal protein L19
RL22_MOUSE	213	14807	19	2	2	60S ribosomal protein L22
RL23_MOUSE	173	14970	16	2	2	60S ribosomal protein L23
RL23A_MOUSE	74	17684	3	2	2	60S ribosomal protein L23a
RL26_MOUSE	64	17248	3	2	2	60S ribosomal protein L26
RL27_MOUSE	64	15788	2	1	1	60S ribosomal protein L27
RL27A_MOUSE	59	16709	5	2	2	60S ribosomal protein L27a
RL3_MOUSE	82	46366	4	1	1	60S ribosomal protein L3
RL30_MOUSE	770	12947	36	3	3	60S ribosomal protein L30
RL31_MOUSE	65	14454	3	1	1	60S ribosomal protein L31
RL35_MOUSE	21	14544	2	1	1	60S ribosomal protein L35
RL36_MOUSE	72	12265	8	1	1	60S ribosomal protein L36
RL38_MOUSE	26	8256	1	1	1	60S ribosomal protein L38
RL4_MOUSE	305	47409	25	2	2	60S ribosomal protein L4
RL5_MOUSE	166	34607	14	2	2	60S ribosomal protein L5
RL7_MOUSE	487	31457	25	2	2	60S ribosomal protein L7
RL7A_MOUSE	93	30129	5	3	3	60S ribosomal protein L7a
RL8_MOUSE	135	28235	6	2	2	60S ribosomal protein L8
RL9_MOUSE	1628	21982	62	5	5	60S ribosomal protein L9
RLA0_MOUSE	1922	34366	115	9	9	60S acidic ribosomal protein P0
RLA1_MOUSE	541	11582	36	2	2	60S acidic ribosomal protein P1
RLA2_MOUSE	314	11644	24	4	4	60S acidic ribosomal protein P2
RM12_MOUSE	41	21809	1	1	1	39S ribosomal protein L12, mitochondrial
RN103_MOUSE	29	80165	3	1	1	E3 ubiquitin-protein ligase RNF103
RN208_MOUSE	63	29283	10	1	1	RING finger protein 208
ROA2_MOUSE	981	37437	47	7	7	Heterogeneous nuclear ribonucleoproteins A2/B1
ROA3_MOUSE	407	39856	22	5	5	Heterogeneous nuclear ribonucleoprotein A3
ROAA_MOUSE	20	30926	1	1	1	Heterogeneous nuclear ribonucleoprotein A/B
RPN1_MOUSE	419	68657	33	7	7	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
RPN2_MOUSE	666	69134	32	3	3	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2
RRAGD_MOUSE	23	51656	1	1	1	Ras-related GTP-binding protein D
RRAS_MOUSE	135	23920	10	3	2	Ras-related protein R-Ras
RRAS2_MOUSE	122	23613	10	2	1	Ras-related protein R-Ras2
RS10_MOUSE	1500	18904	62	5	5	40S ribosomal protein S10
RS11_MOUSE	59	18590	10	3	3	40S ribosomal protein S11
RS12_MOUSE	26	14858	1	1	1	40S ribosomal protein S12
RS13_MOUSE	317	17212	26	3	3	40S ribosomal protein S13
RS14_MOUSE	463	16434	28	3	3	40S ribosomal protein S14
RS15_MOUSE	771	17029	31	3	3	40S ribosomal protein S15
RS15A_MOUSE	576	14944	31	4	4	40S ribosomal protein S15a

RS16_MOUSE	651	16549	52	5	5	40S ribosomal protein S16
RS17_MOUSE	92	15571	6	1	1	40S ribosomal protein S17
RS18_MOUSE	321	17708	24	7	7	40S ribosomal protein S18
RS19_MOUSE	264	16076	19	4	4	40S ribosomal protein S19
RS2_MOUSE	632	31497	29	4	4	40S ribosomal protein S2
RS20_MOUSE	293	13478	27	3	3	40S ribosomal protein S20
RS23_MOUSE	27	15969	2	1	1	40S ribosomal protein S23
RS24_MOUSE	133	15413	5	1	1	40S ribosomal protein S24
RS25_MOUSE	293	13791	20	4	4	40S ribosomal protein S25
RS26_MOUSE	62	13292	4	1	1	40S ribosomal protein S26
RS27A_MOUSE	2236	18282	105	4	4	Ubiquitin-40S ribosomal protein S27a
RS27L_MOUSE	40	9813	2	1	1	40S ribosomal protein S27-like
RS28_MOUSE	451	7893	27	3	3	40S ribosomal protein S28
RS3_MOUSE	1633	26828	121	12	12	40S ribosomal protein S3
RS30_MOUSE	63	6644	6	1	1	40S ribosomal protein S30
RS3A_MOUSE	129	30094	11	4	4	40S ribosomal protein S3a
RS4X_MOUSE	763	29807	45	5	5	40S ribosomal protein S4, X isoform
RS5_MOUSE	622	23046	42	5	5	40S ribosomal protein S5
RS6_MOUSE	50	28834	4	1	1	40S ribosomal protein S6
RS7_MOUSE	1119	22113	63	8	8	40S ribosomal protein S7
RS8_MOUSE	66	24475	6	3	3	40S ribosomal protein S8
RS9_MOUSE	86	22635	8	2	2	40S ribosomal protein S9
RSH6A_MOUSE	17	80493	1	1	1	Radial spoke head protein 6 homolog A
R SMB_MOUSE	23	23811	1	1	1	Small nuclear ribonucleoprotein-associated protein B
RSSA_MOUSE	3147	32931	126	7	7	40S ribosomal protein SA
RSU1_MOUSE	259	31531	23	4	4	Ras suppressor protein 1
RT30_MOUSE	228	50364	13	1	1	28S ribosomal protein S30, mitochondrial
RT34_MOUSE	19	25868	1	1	1	28S ribosomal protein S34, mitochondrial
RT36_MOUSE	34	11094	2	2	2	28S ribosomal protein S36, mitochondrial
RT4I1_MOUSE	115	43686	9	2	2	Reticulon-4-interacting protein 1, mitochondrial
RTCB_MOUSE	89	55727	4	2	2	tRNA-splicing ligase RtcB homolog
RTN1_MOUSE	28	83863	2	1	1	Reticulon-1
RTN2_MOUSE	9116	51543	234	7	7	Reticulon-2
RTN4_MOUSE	3563	127048	182	6	6	Reticulon-4
RTRAF_MOUSE	268	28249	5	1	1	RNA transcription, translation and transport factor protein
RYR1_MOUSE	54692	570381	2551	191	191	Ryanodine receptor 1
S10AA_MOUSE	18	11293	2	1	1	Protein S100-A10
S2551_MOUSE	18	33896	1	1	1	Solute carrier family 25 member 51
S27A1_MOUSE	27	72200	1	1	1	Long-chain fatty acid transport protein 1
S41A3_MOUSE	19	53793	1	1	1	Solute carrier family 41 member 3
S61A2_MOUSE	37	52670	2	1	1	Protein transport protein Sec61 subunit alpha isoform 2
SAC1_MOUSE	56	67471	2	1	1	Phosphatidylinositide phosphatase SAC1
SAC2_MOUSE	59	128782	6	1	1	Phosphatidylinositide phosphatase SAC2
SAHH_MOUSE	102	48170	9	3	3	Adenosylhomocysteinase
SALL4_MOUSE	19	114635	1	1	1	Sal-like protein 4
SAM50_MOUSE	2482	52230	127	12	12	Sorting and assembly machinery component 50 homolog
SAP_MOUSE	61	63263	5	1	1	Prosaposin
SAPC2_MOUSE	164	43209	26	1	1	Suppressor APC domain-containing protein 2
SAR1A_MOUSE	1269	22471	55	3	2	GTP-binding protein SAR1a
SAR1B_MOUSE	3224	22482	163	9	8	GTP-binding protein SAR1b
SBNO2_MOUSE	33	150455	1	1	1	Protein strawberry notch homolog 2
SC5AA_MOUSE	25	65348	1	1	1	Sodium/glucose cotransporter 5
SCN4B_MOUSE	28	25461	3	1	1	Sodium channel subunit beta-4
SCOT1_MOUSE	1899	56352	84	10	10	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
SCPDL_MOUSE	53	47669	3	2	2	Saccharopine dehydrogenase-like oxidoreductase
SCRN3_MOUSE	223	48030	13	3	3	Secernin-3
SDCG8_MOUSE	44	83726	2	1	1	Serologically defined colon cancer antigen 8 homolog
SDHA_MOUSE	14460	73623	686	32	32	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
SDHB_MOUSE	7707	32591	402	13	13	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
SERPH_MOUSE	178	46618	11	3	3	Serpin H1
SFI1_MOUSE	63	145596	7	1	1	Protein SFI1 homolog
SFPQ_MOUSE	199	75508	11	1	1	Splicing factor, proline- and glutamine-rich
SFXN3_MOUSE	35	35669	1	1	1	Sideroflexin-3
SGCA_MOUSE	706	43659	53	8	8	Alpha-sarcoglycan
SGCB_MOUSE	51	35193	6	1	1	Beta-sarcoglycan
SGCD_MOUSE	171	32455	8	2	2	Delta-sarcoglycan
SGCG_MOUSE	137	32347	8	2	2	Gamma-sarcoglycan
SH3BG_MOUSE	1864	23146	135	10	10	SH3 domain-binding glutamic acid-rich protein
SIR2_MOUSE	19	43856	1	1	1	NAD-dependent protein deacetylase sirtuin-2
SKP1_MOUSE	84	18831	6	1	1	S-phase kinase-associated protein 1
SLIRP_MOUSE	19	12654	1	1	1	SRA stem-loop-interacting RNA-binding protein, mitochondrial
SLMAP_MOUSE	43	97729	2	2	2	Sarcolemmal membrane-associated protein
SMC6_MOUSE	30	128201	11	1	1	Structural maintenance of chromosomes protein 6
SMG7_MOUSE	17	127389	1	1	1	Protein SMG7
SMPX_MOUSE	75	9247	3	1	1	Small muscular protein
SMTL2_MOUSE	251	49778	12	3	3	Smoothelin-like protein 2
SMYD1_MOUSE	10336	57428	474	22	22	Histone-lysine N-methyltransferase Smyd1
SMYD2_MOUSE	70	50618	3	1	1	N-lysine methyltransferase SMYD2
SNA_A_MOUSE	21	33624	1	1	1	Alpha-soluble NSF attachment protein
SND1_MOUSE	23	102709	1	1	1	Staphylococcal nuclease domain-containing protein 1
SNTA1_MOUSE	3113	54088	168	10	10	Alpha-1-syntrophin
SNX19_MOUSE	37	111107	1	1	1	Sorting nexin-19
SODC_MOUSE	1111	16104	48	2	2	Superoxide dismutase [Cu-Zn]

SODM_MOUSE	2710	24816	122	7	7	Superoxide dismutase [Mn], mitochondrial
SOGA1_MOUSE	40	160627	1	1	1	Protein SOGA1
SORC1_MOUSE	31	130690	2	1	1	VPS10 domain-containing receptor SorCS1
SPA3K_MOUSE	3447	47021	188	16	16	Serine protease inhibitor A3K
SPB6_MOUSE	1684	42913	102	12	12	Serpin B6
SPCS_MOUSE	80	56032	7	1	1	O-phosphoseryl-tRNA(Sec) selenium transferase
SPEG_MOUSE	914	356975	89	25	25	Striated muscle-specific serine/threonine-protein kinase
SPI2_MOUSE	33	45861	1	1	1	Serpin I2
SPICE_MOUSE	18	95929	1	1	1	Spindle and centriole-associated protein 1
SPN90_MOUSE	61	79207	4	1	1	NCK-interacting protein with SH3 domain
SPO11_MOUSE	56	44940	6	1	1	Meiotic recombination protein SPO11
SPRE_MOUSE	157	28208	13	3	3	Sepiapterin reductase
SPRY4_MOUSE	57	23374	5	1	1	SPRY domain-containing protein 4
SPSB3_MOUSE	20	40208	1	1	1	SPRY domain-containing SOCS box protein 3
SPTA1_MOUSE	26	280833	2	2	2	Spectrin alpha chain, erythrocytic 1
SPTB1_MOUSE	888	245897	52	10	10	Spectrin beta chain, erythrocytic
SPTB2_MOUSE	1141	274908	69	12	12	Spectrin beta chain, non-erythrocytic 1
SPTN1_MOUSE	2539	285221	98	18	18	Spectrin alpha chain, non-erythrocytic 1
SQOR_MOUSE	28	50706	1	1	1	Sulfide:quinone oxidoreductase, mitochondrial
SRBS1_MOUSE	43	143952	1	1	1	Sorbin and SH3 domain-containing protein 1
SRCA_MOUSE	53463	99522	1923	42	42	Sarcalumenin
SRPRA_MOUSE	22	70035	1	1	1	Signal recognition particle receptor subunit alpha
SRPRB_MOUSE	22	29732	1	1	1	Signal recognition particle receptor subunit beta
SRSF4_MOUSE	42	56061	2	1	1	Serine/arginine-rich splicing factor 4
SSNA1_MOUSE	34	13720	1	1	1	Sjogren syndrome nuclear autoantigen 1 homolog
SSPN_MOUSE	27	24640	1	1	1	Sarcospan
SSPO_MOUSE	20	565916	1	1	1	SCO-spondin
SSRD_MOUSE	38	19153	3	1	1	Translocon-associated protein subunit delta
STAC3_MOUSE	321	41317	31	8	8	SH3 and cysteine-rich domain-containing protein 3
STAT3_MOUSE	21	88796	1	1	1	Signal transducer and activator of transcription 3
STBD1_MOUSE	416	36219	25	5	5	Starch-binding domain-containing protein 1
STIM1_MOUSE	88	77803	11	3	3	Stromal interaction molecule 1
STIP1_MOUSE	69	63170	7	3	3	Stress-induced-phosphoprotein 1
STML2_MOUSE	25	38475	1	1	1	Stomatin-like protein 2, mitochondrial
SUCA_MOUSE	3223	36474	189	8	8	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
SUCB1_MOUSE	9452	50424	406	21	21	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial
SUCB2_MOUSE	47	47096	4	3	3	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial
SUOX_MOUSE	26	61231	1	1	1	Sulfite oxidase, mitochondrial
SURF4_MOUSE	682	30589	21	2	2	Surfeit locus protein 4
SYAC_MOUSE	24	107697	2	1	1	Alanine--tRNA ligase, cytoplasmic
SYDC_MOUSE	180	57567	17	4	4	Aspartate--tRNA ligase, cytoplasmic
SYEP_MOUSE	461	171739	27	3	3	Bifunctional glutamate/proline--tRNA ligase
SYFB_MOUSE	36	66340	5	1	1	Phenylalanine--tRNA ligase beta subunit
SYIM_MOUSE	324	113873	16	2	2	Isoleucine--tRNA ligase, mitochondrial
SYNE2_MOUSE	80	787997	7	1	1	Nesprin-2
SYNEM_MOUSE	5966	173276	306	38	38	Synemin
SYNP2_MOUSE	5107	116968	220	13	13	Synaptopodin-2
SYNPO_MOUSE	108	99947	4	3	3	Synaptopodin
SYPL2_MOUSE	2782	103175	161	14	14	Synaptopodin 2-like protein
SYPL1_MOUSE	83	29223	7	1	1	Synaptophysin-like protein 1
SYPL2_MOUSE	2754	29605	88	4	4	Synaptophysin-like protein 2
SYT16_MOUSE	444	71894	40	1	1	Synaptotagmin-16
SYTC2_MOUSE	40	92173	2	1	1	Probable threonine--tRNA ligase 2, cytoplasmic
SYVC_MOUSE	224	141439	12	3	3	Valine--tRNA ligase
SYWC_MOUSE	26	54893	1	1	1	Tryptophan--tRNA ligase, cytoplasmic
SYYC_MOUSE	79	59410	5	3	3	Tyrosine--tRNA ligase, cytoplasmic
T126A_MOUSE	92	21640	5	2	2	Transmembrane protein 126A
TACT_MOUSE	17	67888	1	1	1	T-cell surface protein tactile
TAGL_MOUSE	107	22618	8	3	3	Transgelin
TALDO_MOUSE	91	37534	3	1	1	Transaldolase
TAP2_MOUSE	19	77852	1	1	1	Antigen peptide transporter 2
TBA1A_MOUSE	7760	50788	359	21	6	Tubulin alpha-1A chain
TBA4A_MOUSE	12697	50634	492	22	6	Tubulin alpha-4A chain
TBA8_MOUSE	6499	50704	225	14	2	Tubulin alpha-8 chain
TBB2B_MOUSE	7926	50377	287	18	1	Tubulin beta-2B chain
TBB3_MOUSE	4322	50842	171	13	1	Tubulin beta-3 chain
TBB4B_MOUSE	11050	50255	451	24	4	Tubulin beta-4B chain
TBB5_MOUSE	7578	50095	291	22	3	Tubulin beta-5 chain
TBB6_MOUSE	4269	50514	160	12	2	Tubulin beta-6 chain
TCPA_MOUSE	74	60867	5	3	3	T-complex protein 1 subunit alpha
TCPB_MOUSE	208	57783	23	3	3	T-complex protein 1 subunit beta
TCPD_MOUSE	463	58543	24	4	4	T-complex protein 1 subunit delta
TCPE_MOUSE	103	60042	7	2	2	T-complex protein 1 subunit epsilon
TCPG_MOUSE	48	61162	2	2	2	T-complex protein 1 subunit gamma
TCPH_MOUSE	472	60127	43	8	8	T-complex protein 1 subunit eta
TCPQ_MOUSE	78	60088	6	3	3	T-complex protein 1 subunit theta
TCPZ_MOUSE	1703	58424	57	5	5	T-complex protein 1 subunit zeta
TCTP_MOUSE	1720	19564	98	6	6	Translationally-controlled tumor protein
TDRI2_MOUSE	25	139876	1	1	1	Putative ATP-dependent RNA helicase TDRD12
TEAD3_MOUSE	18	49078	1	1	1	Transcriptional enhancer factor TEF-5
TEC_MOUSE	23	74291	2	1	1	Tyrosine-protein kinase Tec
TECR_MOUSE	781	36466	36	5	5	Very-long-chain enoyl-CoA reductase
TEKT2_MOUSE	18	50736	1	1	1	Tektin-2



TELT_MOUSE	1107	19294	79	6	6	Telethonin
TENA_MOUSE	40	237304	5	3	3	Tenascin
TERA_MOUSE	7175	89950	396	31	31	Transitional endoplasmic reticulum ATPase
TET1_MOUSE	41	222431	5	1	1	Methylcytosine dioxygenase TET1
TGM2_MOUSE	506	78153	38	9	9	Protein-glutamine gamma-glutamyltransferase 2
THIKA_MOUSE	68	44382	3	1	1	3-ketoacyl-CoA thiolase A, peroxisomal
THIL_MOUSE	6260	45129	307	13	13	Acetyl-CoA acetyltransferase, mitochondrial
THIM_MOUSE	6351	42260	309	17	17	3-ketoacyl-CoA thiolase, mitochondrial
THIO_MOUSE	275	12010	12	1	1	Thioredoxin
THS7B_MOUSE	23	186774	1	1	1	Thrombospondin type-1 domain-containing protein 7B
THTM_MOUSE	555	33305	23	4	4	3-mercaptopyruvate sulfurtransferase
TIGAR_MOUSE	134	29571	10	2	2	Fructose-2,6-bisphosphatase TIGAR
TIM13_MOUSE	73	10679	4	1	1	Mitochondrial import inner membrane translocase subunit Tim13
TIM50_MOUSE	577	39980	22	2	2	Mitochondrial import inner membrane translocase subunit TIM50
TINAL_MOUSE	28	53998	1	1	1	Tubulointerstitial nephritis antigen-like
TITIN_MOUSE	1856619	3933362	80795	2058	2057	Titin
TLN1_MOUSE	760	271820	37	11	10	Talin-1
TLN2_MOUSE	587	255743	36	7	6	Talin-2
TLR11_MOUSE	28	107231	1	1	1	Toll-like receptor 11
TM109_MOUSE	135	26346	11	3	3	Transmembrane protein 109
TM145_MOUSE	23	83390	1	1	1	Transmembrane protein 145
TM214_MOUSE	24	77407	2	1	1	Transmembrane protein 214
TM256_MOUSE	21	11762	1	1	1	Transmembrane protein 256
TM38A_MOUSE	3980	33686	159	10	10	Trimeric intracellular cation channel type A
TM38B_MOUSE	23	32904	1	1	1	Trimeric intracellular cation channel type B
TM9S1_MOUSE	31	69454	4	1	1	Transmembrane 9 superfamily member 1
TMCO1_MOUSE	138	21389	8	1	1	Calcium load-activated calcium channel
TMEDA_MOUSE	47	25066	6	1	1	Transmembrane emp24 domain-containing protein 10
TMF1_MOUSE	19	122242	1	1	1	TATA element modulatory factor
TMM11_MOUSE	102	21754	11	1	1	Transmembrane protein 11, mitochondrial
TMM65_MOUSE	29	25187	1	1	1	Transmembrane protein 65
TMOD1_MOUSE	2533	40555	169	10	9	Tropomodulin-1
TMOD4_MOUSE	7346	39579	345	17	16	Tropomodulin-4
TMX2_MOUSE	47	34320	1	1	1	Thioredoxin-related transmembrane protein 2
TMX3_MOUSE	22	52157	1	1	1	Protein disulfide-isomerase TMX3
TMX4_MOUSE	59	37507	2	1	1	Thioredoxin-related transmembrane protein 4
TNMD_MOUSE	23	37822	1	1	1	Tenomodulin
TNNC1_MOUSE	442	18523	19	1	1	Troponin C, slow skeletal and cardiac muscles
TNNC2_MOUSE	21498	18155	803	12	11	Troponin C, skeletal muscle
TNNI1_MOUSE	2445	21856	96	7	7	Troponin I, slow skeletal muscle
TNNI2_MOUSE	34424	21515	1417	12	12	Troponin I, fast skeletal muscle
TNNT1_MOUSE	2416	31325	113	10	8	Troponin T, slow skeletal muscle
TNNT3_MOUSE	58863	32221	2012	20	18	Troponin T, fast skeletal muscle
TNS2_MOUSE	19	153856	1	1	1	Tensin-2
TOM40_MOUSE	750	38270	23	1	1	Mitochondrial import receptor subunit TOM40 homolog
TOM70_MOUSE	92	68288	8	1	1	Mitochondrial import receptor subunit TOM70
TOP1M_MOUSE	38	69701	2	2	2	DNA topoisomerase I, mitochondrial
TPIS_MOUSE	22155	32684	869	16	16	Triosephosphate isomerase
TPM1_MOUSE	46179	32718	1891	42	22	Tropomyosin alpha-1 chain
TPM2_MOUSE	33341	32931	1380	36	24	Tropomyosin beta chain
TPM3_MOUSE	18026	33031	818	28	12	Tropomyosin alpha-3 chain
TPP1_MOUSE	103	61760	7	2	2	Tripeptidyl-peptidase 1
TPP2_MOUSE	18	141330	1	1	1	Tripeptidyl-peptidase 2
TPX2_MOUSE	20	86297	1	1	1	Targeting protein for Xklp2
TR109_MOUSE	24	37068	1	1	1	Taste receptor type 2 member 109
TRAP1_MOUSE	416	80501	11	2	2	Heat shock protein 75 kDa, mitochondrial
TRDN_MOUSE	1956	77967	116	11	11	Triadin
TRFE_MOUSE	8787	78841	480	37	37	Serotransferrin
TRI46_MOUSE	19	85203	1	1	1	Tripartite motif-containing protein 46
TRI59_MOUSE	29	48120	1	1	1	Tripartite motif-containing protein 59
TRI72_MOUSE	8874	53695	342	18	18	Tripartite motif-containing protein 72
TRPC1_MOUSE	24	92237	1	1	1	Short transient receptor potential channel 1
TRPC2_MOUSE	39	131645	4	1	1	Short transient receptor potential channel 2
TRXR1_MOUSE	49	68380	2	2	2	Thioredoxin reductase 1, cytoplasmic
TSN7_MOUSE	27	28153	1	1	1	Tetraspanin-7
TSN8_MOUSE	25	26249	1	1	1	Tetraspanin-8
TSP4_MOUSE	486	108979	37	14	13	Thrombospondin-4
TTHY_MOUSE	141	15880	9	3	3	Transthyretin
TUFT1_MOUSE	45	44720	5	1	1	Tuftelin
TWF2_MOUSE	195	39674	15	1	1	Twinfilin-2
TXNL1_MOUSE	31	32616	1	1	1	Thioredoxin-like protein 1
TXTP_MOUSE	31	34252	2	1	1	Tricarboxylate transport protein, mitochondrial
TYDP1_MOUSE	29	69046	1	1	1	Tyrosyl-DNA phosphodiesterase 1
UB2D2_MOUSE	289	16953	18	2	2	Ubiquitin-conjugating enzyme E2 D2
UB2L3_MOUSE	739	18021	22	2	2	Ubiquitin-conjugating enzyme E2 L3
UB2V1_MOUSE	266	16458	15	4	4	Ubiquitin-conjugating enzyme E2 variant 1
UBA1_MOUSE	1531	118931	79	10	10	Ubiquitin-like modifier-activating enzyme 1
UBE2N_MOUSE	696	17184	63	5	5	Ubiquitin-conjugating enzyme E2 N
UBP15_MOUSE	86	113508	5	1	1	Ubiquitin carboxyl-terminal hydrolase 15
UBP5_MOUSE	168	96685	11	2	2	Ubiquitin carboxyl-terminal hydrolase 5
UBR3_MOUSE	31	216211	1	1	1	E3 ubiquitin-protein ligase UBR3
UCP3_MOUSE	159	34288	8	2	2	Mitochondrial uncoupling protein 3
UCRI_MOUSE	5330	29634	319	13	13	Cytochrome b-c1 complex subunit Rieske, mitochondrial

UGGG1_MOUSE	182	177007	21	3	3	UDP-glucose:glycoprotein glucosyltransferase 1
UGPA_MOUSE	5705	57115	258	22	22	UTP--glucose-1-phosphate uridylyltransferase
UHRF1_MOUSE	57	89673	9	1	1	E3 ubiquitin-protein ligase UHRF1
UN45B_MOUSE	1390	104884	64	8	8	Protein unc-45 homolog B
UNC79_MOUSE	21	295057	1	1	1	Protein unc-79 homolog
UROL1_MOUSE	19	147794	1	1	1	Uromodulin-like 1
USMG5_MOUSE	1296	6434	56	3	3	Up-regulated during skeletal muscle growth protein 5
USO1_MOUSE	37	108000	1	1	1	General vesicular transport factor p115
USP9X_MOUSE	41	294061	3	1	1	Probable ubiquitin carboxyl-terminal hydrolase FAF-X
VAMP1_MOUSE	88	12996	3	1	1	Vesicle-associated membrane protein 1
VANG1_MOUSE	20	60311	1	1	1	Vang-like protein 1
VAPA_MOUSE	1454	28065	81	7	6	Vesicle-associated membrane protein-associated protein A
VAPB_MOUSE	2184	27157	113	6	5	Vesicle-associated membrane protein-associated protein B
VAT1_MOUSE	198	43297	8	1	1	Synaptic vesicle membrane protein VAT-1 homolog
VDAC1_MOUSE	40277	32502	1339	19	19	Voltage-dependent anion-selective channel protein 1
VDAC2_MOUSE	6893	32340	333	14	14	Voltage-dependent anion-selective channel protein 2
VDAC3_MOUSE	11344	31076	463	12	12	Voltage-dependent anion-selective channel protein 3
VIGLN_MOUSE	39	142225	1	1	1	Vigilin
VIME_MOUSE	9622	53712	500	32	24	Vimentin
VINC_MOUSE	1303	117215	99	20	20	Vinculin
VP13A_MOUSE	18	360940	1	1	1	Vacuolar protein sorting-associated protein 13A
VP13B_MOUSE	19	448979	1	1	1	Vacuolar protein sorting-associated protein 13B
VP13C_MOUSE	35	422162	3	1	1	Vacuolar protein sorting-associated protein 13C
VPP2_MOUSE	35	99279	1	1	1	V-type proton ATPase 116 kDa subunit a isoform 2
VSIG8_MOUSE	18	45242	1	1	1	V-set and immunoglobulin domain-containing protein 8
VTDB_MOUSE	1525	55162	70	8	8	Vitamin D-binding protein
VWA1_MOUSE	28	44795	2	2	2	von Willebrand factor A domain-containing protein 1
WDR1_MOUSE	519	67049	42	9	9	WD repeat-containing protein 1
WFS1_MOUSE	40	101597	3	2	2	Wolframin
WN10A_MOUSE	110	47793	17	1	1	Protein Wnt-10a
XIRP1_MOUSE	291	124096	14	2	2	Xin actin-binding repeat-containing protein 1
XPO2_MOUSE	286	111183	43	2	2	Exportin-2
XPO5_MOUSE	221	139050	42	1	1	Exportin-5
XXLT1_MOUSE	218	44266	32	1	1	Xyloside xylosyltransferase 1
YBOX3_MOUSE	129	38790	8	3	3	Y-box-binding protein 3
YJEN3_MOUSE	32	27455	1	1	1	Yjef N-terminal domain-containing protein 3
ZBED3_MOUSE	26	25878	1	1	1	Zinc finger BED domain-containing protein 3
ZFY27_MOUSE	28	47483	3	1	1	Protrudin
ZHX2_MOUSE	18	92772	1	1	1	Zinc fingers and homeoboxes protein 2
ZN692_MOUSE	31	60228	2	1	1	Zinc finger protein 692
ZSC21_MOUSE	27	64170	1	1	1	Zinc finger and SCAN domain-containing protein 21
GuHCl extract						
1433E_MOUSE	1107	29326	75	7	4	14-3-3 protein epsilon
1433G_MOUSE	1116	28456	84	9	6	14-3-3 protein gamma
1433S_MOUSE	669	27803	50	4	1	14-3-3 protein sigma
2ABA_MOUSE	43	52173	2	1	1	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform
3HIDH_MOUSE	52	35816	4	1	1	3-hydroxyisobutyrate dehydrogenase, mitochondrial
68MP_MOUSE	329	6694	21	1	1	6.8 kDa mitochondrial proteolipid
A1AT3_MOUSE	465	45966	38	9	9	Alpha-1-antitrypsin 1-3
AAPK2_MOUSE	163	62610	14	2	2	5'-AMP-activated protein kinase catalytic subunit alpha-2
AATC_MOUSE	2146	46504	118	13	13	Aspartate aminotransferase, cytoplasmic
AATM_MOUSE	6174	47780	271	20	20	Aspartate aminotransferase, mitochondrial
ABCC9_MOUSE	41	175495	2	2	2	ATP-binding cassette sub-family C member 9
ABCF2_MOUSE	48	72306	2	1	1	ATP-binding cassette sub-family F member 2
ABEC2_MOUSE	2111	25872	108	8	8	C->U-editing enzyme APOBEC-2
ACAD8_MOUSE	85	45789	3	1	1	Isobutyryl-CoA dehydrogenase, mitochondrial
ACADL_MOUSE	1496	48277	69	8	8	Long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADM_MOUSE	740	46908	40	8	8	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial
ACADV_MOUSE	3915	71230	172	17	17	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
ACDSB_MOUSE	573	48300	12	2	2	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial
ACON_MOUSE	11909	86151	568	33	33	Aconitate hydratase, mitochondrial
ACSL1_MOUSE	3129	78928	175	15	15	Long-chain-fatty-acid--CoA ligase 1
ACSL3_MOUSE	21	81467	1	1	1	Long-chain-fatty-acid--CoA ligase 3
ACTB_MOUSE	37166	42052	1789	23	8	Actin, cytoplasmic 1
ACTBL_MOUSE	21084	42319	828	13	5	Beta-actin-like protein 2
ACTH_MOUSE	84999	42249	3733	31	4	Actin, gamma-enteric smooth muscle
ACTN1_MOUSE	16708	103631	736	24	3	Alpha-actinin-1
ACTN2_MOUSE	57003	104339	2302	62	40	Alpha-actinin-2
ACTN3_MOUSE	76733	103605	3041	74	57	Alpha-actinin-3
ACTN4_MOUSE	14087	105368	645	20	3	Alpha-actinin-4
ACTS_MOUSE	119329	42366	4804	35	7	Actin, alpha skeletal muscle
ADA22_MOUSE	276	102331	20	1	1	Disintegrin and metalloproteinase domain-containing protein 22
ADIPO_MOUSE	50	26906	2	2	2	Adiponectin
ADT1_MOUSE	19311	33111	971	18	9	ADP/ATP translocase 1
ADT2_MOUSE	10111	33138	498	10	1	ADP/ATP translocase 2
ADT4_MOUSE	2627	35521	126	4	1	ADP/ATP translocase 4
AGAP1_MOUSE	32	95322	5	1	1	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1
AGRIN_MOUSE	30	215386	5	1	1	Agrin
AIFM1_MOUSE	294	66952	21	6	6	Apoptosis-inducing factor 1, mitochondrial
AKAP9_MOUSE	29	439138	4	1	1	A-kinase anchor protein 9
AL1A1_MOUSE	23	55060	1	1	1	Retinal dehydrogenase 1
AL3A1_MOUSE	54	50848	2	2	2	Aldehyde dehydrogenase, dimeric NADP-preferring
AL4A1_MOUSE	43	62258	4	2	2	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial

ALBU_MOUSE	13854	70700	633	32	32	Serum albumin
ALDH2_MOUSE	150	57015	13	6	6	Aldehyde dehydrogenase, mitochondrial
ALDOA_MOUSE	27169	39787	1204	31	7	Fructose-bisphosphate aldolase A
ALDOC_MOUSE	4932	39769	320	7	3	Fructose-bisphosphate aldolase C
ALDR_MOUSE	850	36052	38	6	6	Aldose reductase
ALRF2_MOUSE	68	23773	5	1	1	Aly/REF export factor 2
AMPD1_MOUSE	4957	86734	278	22	22	AMP deaminase 1
ANGL7_MOUSE	25	39502	1	1	1	Angiopoietin-related protein 7
ANK1_MOUSE	172	205355	14	2	2	Ankyrin-1
ANKR2_MOUSE	340	36855	9	3	3	Ankyrin repeat domain-containing protein 2
ANX11_MOUSE	317	54387	19	5	5	Annexin A11
ANXA2_MOUSE	459	38937	25	6	6	Annexin A2
ANXA6_MOUSE	1126	76294	53	11	11	Annexin A6
APC4_MOUSE	21	92448	1	1	1	Anaphase-promoting complex subunit 4
APOA1_MOUSE	385	30597	20	4	4	Apolipoprotein A-1
APOH_MOUSE	29	39904	1	1	1	Beta-2-glycoprotein 1
AQP1_MOUSE	529	29003	27	4	4	Aquaporin-1
ARAP3_MOUSE	36	171573	10	1	1	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 3
ARF1_MOUSE	45	20741	1	1	1	ADP-ribosylation factor 1
ARFG2_MOUSE	34	56905	1	1	1	ADP-ribosylation factor GTPase-activating protein 2
ARHGH_MOUSE	20	223757	1	1	1	Rho guanine nucleotide exchange factor 17
ARP2_MOUSE	31	45017	2	1	1	Actin-related protein 2
ARP3B_MOUSE	250	48062	8	1	1	Actin-related protein 3B
ASPH_MOUSE	179	83390	10	1	1	Aspartyl/asparaginyl beta-hydroxylase
ASPN_MOUSE	2137	42944	116	13	13	Asporin
AT1A1_MOUSE	1194	114221	80	12	3	Sodium/potassium-transporting ATPase subunit alpha-1
AT1A2_MOUSE	3831	113457	235	25	16	Sodium/potassium-transporting ATPase subunit alpha-2
AT1B1_MOUSE	221	35571	8	2	2	Sodium/potassium-transporting ATPase subunit beta-1
AT1B2_MOUSE	203	33722	9	1	1	Sodium/potassium-transporting ATPase subunit beta-2
AT2A1_MOUSE	157268	110723	5544	67	43	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1
AT2A2_MOUSE	53400	116437	1926	34	14	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
AT2A3_MOUSE	25785	114991	938	17	2	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3
AT5F1_MOUSE	2471	29044	139	7	7	ATP synthase F(0) complex subunit B1, mitochondrial
AT5G1_MOUSE	28	14362	2	1	1	ATP synthase F(0) complex subunit C1, mitochondrial
ATAD1_MOUSE	27	41060	1	1	1	ATPase family AAA domain-containing protein 1
ATG9B_MOUSE	39	102762	1	1	1	Autophagy-related protein 9B
ATP5E_MOUSE	197	5891	11	2	2	ATP synthase subunit epsilon, mitochondrial
ATP5H_MOUSE	821	18795	49	4	4	ATP synthase subunit d, mitochondrial
ATP5I_MOUSE	421	8230	14	1	1	ATP synthase subunit e, mitochondrial
ATP5L_MOUSE	556	11417	24	1	1	ATP synthase subunit g, mitochondrial
ATP8_MOUSE	29	7761	3	1	1	ATP synthase protein 8
ATPA_MOUSE	29016	59830	934	27	27	ATP synthase subunit alpha, mitochondrial
ATPB_MOUSE	29929	56265	1128	27	27	ATP synthase subunit beta, mitochondrial
ATPD_MOUSE	671	17589	24	2	2	ATP synthase subunit delta, mitochondrial
ATPG_MOUSE	3493	32979	191	11	11	ATP synthase subunit gamma, mitochondrial
ATPK_MOUSE	1274	10394	49	2	2	ATP synthase subunit f, mitochondrial
ATPO_MOUSE	4065	23406	132	10	10	ATP synthase subunit O, mitochondrial
B2L13_MOUSE	106	46862	6	1	1	Bcl-2-like protein 13
B3AT_MOUSE	77	103412	3	1	1	Band 3 anion transport protein
B3GN3_MOUSE	32	43072	1	1	1	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 3
BASI_MOUSE	473	42874	19	3	3	Basigin
BDH_MOUSE	106	38617	7	2	2	D-beta-hydroxybutyrate dehydrogenase, mitochondrial
BGH3_MOUSE	174	75177	13	6	6	Transforming growth factor-beta-induced protein ig-h3
BIN1_MOUSE	1032	64658	61	8	8	Myc box-dependent-interacting protein 1
BIP_MOUSE	1753	72492	104	11	9	Endoplasmic reticulum chaperone BiP
BRSK2_MOUSE	24	82309	2	1	1	Serine/threonine-protein kinase BRSK2
C11B2_MOUSE	28	57507	1	1	1	Cytochrome P450 11B2, mitochondrial
C1QBP_MOUSE	43	31336	2	1	1	Complement component 1 Q subcomponent-binding protein, mitochondrial
C560_MOUSE	279	18598	22	3	3	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
CA2D1_MOUSE	1196	125692	56	11	11	Voltage-dependent calcium channel subunit alpha-2/delta-1
CAC1A_MOUSE	47	269244	4	1	1	Voltage-dependent P/Q-type calcium channel subunit alpha-1A
CAC1S_MOUSE	2493	215402	134	15	15	Voltage-dependent L-type calcium channel subunit alpha-1S
CACB1_MOUSE	582	65731	31	6	6	Voltage-dependent L-type calcium channel subunit beta-1
CACP_MOUSE	288	71250	24	8	8	Camitine O-acetyltransferase
CAD13_MOUSE	130	78536	10	3	3	Cadherin-13
CAH3_MOUSE	4312	29633	220	13	13	Carbonic anhydrase 3
CALM1_MOUSE	73	16827	8	4	3	Calmodulin-1
CALU_MOUSE	41	37155	1	1	1	Calumenin
CALX_MOUSE	36	67635	1	1	1	Calnexin
CAND2_MOUSE	635	137086	29	3	3	Cullin-associated NEDD8-dissociated protein 2
CAP1_MOUSE	47	51875	2	1	1	Adenylyl cyclase-associated protein 1
CAP2_MOUSE	107	53114	8	2	2	Adenylyl cyclase-associated protein 2
CAPZB_MOUSE	1100	31611	69	8	8	F-actin-capping protein subunit beta
CASQ1_MOUSE	15423	46349	733	18	18	Calsequestrin-1
CASQ2_MOUSE	416	48203	15	3	3	Calsequestrin-2
CATB_MOUSE	21	38168	1	1	1	Cathepsin B
CATD_MOUSE	24	45381	1	1	1	Cathepsin D
CAV1_MOUSE	366	20697	20	2	2	Caveolin-1
CAVN1_MOUSE	1269	43927	51	4	4	Caveolae-associated protein 1
CAVN4_MOUSE	48	41040	6	2	2	Caveolae-associated protein 4
CAZA2_MOUSE	2070	33118	89	7	7	F-actin-capping protein subunit alpha-2
CCD13_MOUSE	39	79815	6	2	2	Coiled-coil domain-containing protein 13
CCG1_MOUSE	209	25617	13	1	1	Voltage-dependent calcium channel gamma-1 subunit

CCG6_MOUSE	51	28697	2	1	1	Voltage-dependent calcium channel gamma-6 subunit
CD151_MOUSE	32	29083	1	1	1	CD151 antigen
CD158_MOUSE	30	127318	2	1	1	Coiled-coil domain-containing protein 158
CD36_MOUSE	432	53234	20	3	3	Platelet glycoprotein 4
CDIPT_MOUSE	59	23925	5	1	1	CDP-diacylglycerol--inositol 3-phosphatidyltransferase
CE162_MOUSE	37	161156	1	1	1	Centrosomal protein of 162 kDa
CENPV_MOUSE	94	27980	8	2	2	Centromere protein V
CG057_MOUSE	35	32932	2	1	1	Uncharacterized protein C7orf57 homolog
CH60_MOUSE	1375	61088	74	11	11	60 kDa heat shock protein, mitochondrial
CHADL_MOUSE	42	82450	3	1	1	Chondroadherin-like protein
CHCH2_MOUSE	24	15879	1	1	1	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2
CHERP_MOUSE	93	106501	19	1	1	Calcium homeostasis endoplasmic reticulum protein
CILP1_MOUSE	1246	134530	55	7	7	Cartilage intermediate layer protein 1
CILP2_MOUSE	1903	128078	91	12	12	Cartilage intermediate layer protein 2
CING_MOUSE	37	136593	2	1	1	Cingulin
CIPC_MOUSE	20	46633	1	1	1	CLOCK-interacting pacemaker
CISD1_MOUSE	337	12260	21	3	3	CDGSH iron-sulfur domain-containing protein 1
CISY_MOUSE	5665	51988	228	12	12	Citrate synthase, mitochondrial
CLH1_MOUSE	515	193202	26	8	8	Clathrin heavy chain 1
CMA1_MOUSE	294	27968	18	4	4	Chymase
CMBL_MOUSE	31	28226	1	1	1	Carboxymethylenebutenolidase homolog
CMC1_MOUSE	10998	74922	478	30	30	Calcium-binding mitochondrial carrier protein Aralar1
CMYA5_MOUSE	35	414327	3	2	2	Cardiomyopathy-associated protein 5
CN37_MOUSE	89	47493	4	2	2	2',3'-cyclic-nucleotide 3'-phosphodiesterase
CO1A1_MOUSE	8505	138974	450	16	16	Collagen alpha-1(I) chain
CO1A2_MOUSE	12051	129992	432	13	13	Collagen alpha-2(I) chain
CO2A1_MOUSE	137	142970	12	4	4	Collagen alpha-1(II) chain
CO3_MOUSE	21	187905	2	1	1	Complement C3
CO3A1_MOUSE	286	140112	22	3	3	Collagen alpha-1(III) chain
CO4A1_MOUSE	5880	161719	233	8	8	Collagen alpha-1(IV) chain
CO4A2_MOUSE	4063	168417	179	11	11	Collagen alpha-2(IV) chain
CO5A1_MOUSE	198	184248	19	2	2	Collagen alpha-1(V) chain
CO5A2_MOUSE	68	145955	4	3	3	Collagen alpha-2(V) chain
CO6A1_MOUSE	9634	109562	446	21	21	Collagen alpha-1(VI) chain
CO6A2_MOUSE	6924	111406	373	22	22	Collagen alpha-2(VI) chain
CO6A6_MOUSE	38	247937	2	2	2	Collagen alpha-6(VI) chain
COBL_MOUSE	37	144518	2	1	1	Protein cordon-bleu
COCA1_MOUSE	6805	341202	406	51	51	Collagen alpha-1(XII) chain
COEA1_MOUSE	39	194089	1	1	1	Collagen alpha-1(XIV) chain
COF2_MOUSE	245	18812	24	3	3	Cofilin-2
COFA1_MOUSE	989	140841	75	8	8	Collagen alpha-1(XV) chain
COIA1_MOUSE	40	183085	2	1	1	Collagen alpha-1(XVIII) chain
COMP_MOUSE	1184	84912	74	15	13	Cartilage oligomeric matrix protein
COQ5_MOUSE	41	37711	1	1	1	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial
COQ8A_MOUSE	660	72154	29	5	5	Atypical kinase COQ8A, mitochondrial
COQ9_MOUSE	319	35232	21	3	3	Ubiquinone biosynthesis protein COQ9, mitochondrial
COR1B_MOUSE	46	54505	3	1	1	Coronin-1B
CORO6_MOUSE	70	53022	7	1	1	Coronin-6
COX1_MOUSE	119	56929	12	2	2	Cytochrome c oxidase subunit 1
COX2_MOUSE	3886	26130	182	5	5	Cytochrome c oxidase subunit 2
COX20_MOUSE	30	13383	1	1	1	Cytochrome c oxidase assembly protein COX20, mitochondrial
COX41_MOUSE	4627	19575	231	7	7	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial
COX5A_MOUSE	155	16319	4	1	1	Cytochrome c oxidase subunit 5A, mitochondrial
COX6C_MOUSE	377	8464	44	2	2	Cytochrome c oxidase subunit 6C
COX7C_MOUSE	46	7328	4	1	1	Cytochrome c oxidase subunit 7C, mitochondrial
CP27A_MOUSE	35	60910	1	1	1	Sterol 26-hydroxylase, mitochondrial
CP2A4_MOUSE	23	56859	1	1	1	Cytochrome P450 2A4
CPT1B_MOUSE	3814	89073	219	23	23	Camitine O-palmitoyltransferase 1, muscle isoform
CPT2_MOUSE	657	74504	23	4	4	Camitine O-palmitoyltransferase 2, mitochondrial
CQ10B_MOUSE	63	27764	12	1	1	Coenzyme Q-binding protein COQ10 homolog B, mitochondrial
CRYAB_MOUSE	440	20056	26	7	7	Alpha-crystallin B chain
CSRP3_MOUSE	39	21793	1	1	1	Cysteine and glycine-rich protein 3
CTBL1_MOUSE	30	65395	1	1	1	Beta-catenin-like protein 1
CTL2_MOUSE	59	81539	2	1	1	Choline transporter-like protein 2
CTR9_MOUSE	21	134181	1	1	1	RNA polymerase-associated protein CTR9 homolog
CX6B1_MOUSE	538	10293	28	4	4	Cytochrome c oxidase subunit 6B1
CX7A1_MOUSE	365	9095	24	2	2	Cytochrome c oxidase subunit 7A1, mitochondrial
CX7A2_MOUSE	102	9285	3	1	1	Cytochrome c oxidase subunit 7A2, mitochondrial
CY1_MOUSE	3270	35533	141	8	8	Cytochrome c1, heme protein, mitochondrial
CYB_MOUSE	408	43352	20	1	1	Cytochrome b
CYB5B_MOUSE	30	16365	1	1	1	Cytochrome b5 type B
CYC_MOUSE	361	11712	34	2	2	Cytochrome c, somatic
D39U1_MOUSE	42	33145	2	2	2	Epimerase family protein SDR39U1
DAD1_MOUSE	25	12660	1	1	1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1
DCTN2_MOUSE	40	44204	1	1	1	Dynactin subunit 2
DDB1_MOUSE	31	128027	1	1	1	DNA damage-binding protein 1
DDX17_MOUSE	28	72981	6	1	1	Probable ATP-dependent RNA helicase DDX17
DDX3L_MOUSE	53	73494	1	1	1	Putative ATP-dependent RNA helicase P110
DECR_MOUSE	729	36476	44	7	7	2,4-dienoyl-CoA reductase, mitochondrial
DERM_MOUSE	587	24549	30	3	3	Dermatopontin
DESM_MOUSE	20840	53522	749	33	28	Desmin
DHRS3_MOUSE	27	34030	1	1	1	Short-chain dehydrogenase/reductase 3
DHSD_MOUSE	29	17288	1	1	1	Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial

DICER_MOUSE	136	219420	11	1	1	Endoribonuclease Dicer
DIEXF_MOUSE	24	89162	1	1	1	Digestive organ expansion factor homolog
DJB11_MOUSE	38	40815	1	1	1	DnaJ homolog subfamily B member 11
DJC11_MOUSE	55	63536	3	2	2	DnaJ homolog subfamily C member 11
DKC1_MOUSE	56	57821	2	1	1	H/ACA ribonucleoprotein complex subunit 4
DLDH_MOUSE	1966	54751	102	8	8	Dihydrolipoyl dehydrogenase, mitochondrial
DMD_MOUSE	1867	427676	79	13	13	Dystrophin
DMPK_MOUSE	20	70241	1	1	1	Myotonin-protein kinase
DNJA2_MOUSE	33	46344	2	1	1	DnaJ homolog subfamily A member 2
DNJA3_MOUSE	66	53095	6	2	2	DnaJ homolog subfamily A member 3, mitochondrial
DNJC8_MOUSE	24	29794	1	1	1	DnaJ homolog subfamily C member 8
DNM1L_MOUSE	55	83120	2	1	1	Dynamin-1-like protein
DNM3B_MOUSE	23	98592	1	1	1	DNA (cytosine-5)-methyltransferase 3B
DPYL2_MOUSE	31	62638	1	1	1	Dihydropyrimidinase-related protein 2
DRS7C_MOUSE	1776	34958	74	10	10	Dehydrogenase/reductase SDR family member 7C
DTNA_MOUSE	240	84812	12	2	2	Dystrobrevin alpha
DUPD1_MOUSE	38	24405	3	1	1	Dual specificity phosphatase DUPD1
DUS3_MOUSE	70	20687	6	1	1	Dual specificity protein phosphatase 3
DX39A_MOUSE	29	49549	2	1	1	ATP-dependent RNA helicase DDX39A
DYHC1_MOUSE	536	534447	28	8	8	Cytoplasmic dynein 1 heavy chain 1
DYL1_MOUSE	266	10530	10	1	1	Dynein light chain 1, cytoplasmic
DYSF_MOUSE	2695	240040	115	21	21	Dysferlin
ECHA_MOUSE	8838	83302	354	30	30	Trifunctional enzyme subunit alpha, mitochondrial
ECHB_MOUSE	5142	51639	230	14	14	Trifunctional enzyme subunit beta, mitochondrial
ECH1_MOUSE	254	32515	15	2	2	Enoyl-CoA delta isomerase 1, mitochondrial
ECM29_MOUSE	50	205398	3	1	1	Proteasome adapter and scaffold protein ECM29
EF1A1_MOUSE	3438	50424	144	10	2	Elongation factor 1-alpha 1
EF1A2_MOUSE	5695	50764	255	14	6	Elongation factor 1-alpha 2
EF1D_MOUSE	43	31388	5	1	1	Elongation factor 1-delta
EF1G_MOUSE	737	50371	61	9	9	Elongation factor 1-gamma
EF2_MOUSE	1886	96222	111	14	14	Elongation factor 2
EFTU_MOUSE	470	49876	21	5	5	Elongation factor Tu, mitochondrial
EH1L1_MOUSE	79	185634	5	1	1	EH domain-binding protein 1-like protein 1
EHD2_MOUSE	1133	61307	49	8	8	EH domain-containing protein 2
ENOA_MOUSE	18427	47453	605	14	8	Alpha-enolase
ENOB_MOUSE	29179	47337	1041	25	18	Beta-enolase
ENOG_MOUSE	13462	47609	448	9	2	Gamma-enolase
ENTP2_MOUSE	165	54912	7	2	2	Ectonucleoside triphosphate diphosphohydrolase 2
ERCC5_MOUSE	35	131603	5	1	1	DNA repair protein complementing XP-G cells homolog
ES1_MOUSE	142	28415	15	3	3	ES1 protein homolog, mitochondrial
ESTD_MOUSE	325	31870	12	2	2	S-formylglutathione hydrolase
ESYT1_MOUSE	160	121707	5	2	2	Extended synaptotagmin-1
ETFA_MOUSE	859	35330	45	8	8	Electron transfer flavoprotein subunit alpha, mitochondrial
ETFB_MOUSE	1319	27834	46	8	8	Electron transfer flavoprotein subunit beta
ETFD_MOUSE	928	68903	69	9	9	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial
EX3L1_MOUSE	29	81838	1	1	1	Exocyst complex component 3-like protein
EXOC4_MOUSE	40	111273	6	1	1	Exocyst complex component 4
EZRI_MOUSE	29	69478	2	1	1	Ezrin
F162A_MOUSE	100	17884	10	4	4	Protein FAM162A
F170B_MOUSE	21	44366	1	1	1	Protein FAM170B
FABP4_MOUSE	399	14755	21	2	2	Fatty acid-binding protein, adipocyte
FABPH_MOUSE	665	14810	42	4	4	Fatty acid-binding protein, heart
FBN1_MOUSE	22176	332668	1240	92	88	Fibrillin-1
FBN2_MOUSE	592	334300	56	7	3	Fibrillin-2
FBRL_MOUSE	52	34400	2	1	1	rRNA 2'-O-methyltransferase fibrillarlin
FETUA_MOUSE	61	38100	4	3	3	Alpha-2-HS-glycoprotein
FGF16_MOUSE	38	23877	7	1	1	Fibroblast growth factor 16
FHL1_MOUSE	3510	33806	202	16	16	Four and a half LIM domains protein 1
FHL3_MOUSE	166	33769	12	5	5	Four and a half LIM domains protein 3
FIBA_MOUSE	52	88117	3	2	2	Fibrinogen alpha chain
FIBB_MOUSE	63	55402	8	4	4	Fibrinogen beta chain
FIBG_MOUSE	328	50044	18	3	3	Fibrinogen gamma chain
FILA2_MOUSE	87	253504	12	2	2	Filaggrin-2
FINC_MOUSE	121	276017	10	6	6	Fibronectin
FITM1_MOUSE	2016	32715	101	7	7	Fat storage-inducing transmembrane protein 1
FLNA_MOUSE	1309	283897	70	7	2	Filamin-A
FLNC_MOUSE	16737	293560	835	74	69	Filamin-C
FMOD_MOUSE	5623	43427	254	9	9	Fibromodulin
FN3K_MOUSE	111	35238	7	1	1	Fructosamine-3-kinase
FRIH_MOUSE	41	21224	2	2	2	Ferritin heavy chain
FRIL1_MOUSE	93	20847	3	1	1	Ferritin light chain 1
FSD2_MOUSE	34	79985	1	1	1	Fibronectin type III and SPRY domain-containing protein 2
FUMH_MOUSE	901	54550	53	6	6	Fumarate hydratase, mitochondrial
FXR1_MOUSE	533	76517	20	2	2	Fragile X mental retardation syndrome-related protein 1
G3P_MOUSE	28492	36072	1119	19	19	Glyceraldehyde-3-phosphate dehydrogenase
G45IP_MOUSE	24	25861	2	1	1	Growth arrest and DNA damage-inducible proteins-interacting protein 1
G6PI_MOUSE	2068	62955	143	16	16	Glucose-6-phosphate isomerase
GA2L1_MOUSE	36	72937	5	1	1	GAS2-like protein 1
GABP2_MOUSE	38	45630	5	1	1	GA-binding protein subunit beta-2
GBB1_MOUSE	134	38151	9	2	2	Guanine nucleotide-binding protein G(i)/G(s)/G(t) subunit beta-1
GCAA_MOUSE	43	36936	2	2	2	Ig gamma-2A chain C region, A allele
GDIB_MOUSE	281	51018	10	2	2	Rab GDP dissociation inhibitor beta
GDIR1_MOUSE	58	23450	4	1	1	Rho GDP-dissociation inhibitor 1

GELS_MOUSE	24	86287	3	3	3	Gelsolin
GEPH_MOUSE	25	83971	1	1	1	Gephyrin
GFRA4_MOUSE	25	29283	1	1	1	GDNF family receptor alpha-4
GLYG_MOUSE	412	37606	17	4	4	Glycogenin-1
GNAL_MOUSE	57	44794	2	1	1	Guanine nucleotide-binding protein G(olf) subunit alpha
GNPI2_MOUSE	20	31292	1	1	1	Glucosamine-6-phosphate isomerase 2
GOT1B_MOUSE	78	15411	3	1	1	Vesicle transport protein GOT1B
GPDA_MOUSE	1459	38176	72	9	9	Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic
GPDM_MOUSE	874	81416	48	12	12	Glycerol-3-phosphate dehydrogenase, mitochondrial
GPX4_MOUSE	79	22925	6	1	1	Phospholipid hydroperoxide glutathione peroxidase
GRIK1_MOUSE	35	95768	1	1	1	Glutamate receptor ionotropic, kainate 1
GRP75_MOUSE	510	73701	37	8	8	Stress-70 protein, mitochondrial
GSHB_MOUSE	56	52442	3	1	1	Glutathione synthetase
GSTM1_MOUSE	661	26067	26	3	1	Glutathione S-transferase Mu 1
GSTM2_MOUSE	496	25871	19	3	1	Glutathione S-transferase Mu 2
GSTM5_MOUSE	196	27016	7	2	1	Glutathione S-transferase Mu 5
GSTP1_MOUSE	94	23765	5	3	3	Glutathione S-transferase P 1
GTR4_MOUSE	97	54948	6	2	2	Solute carrier family 2, facilitated glucose transporter member 4
GYS1_MOUSE	2534	84672	111	9	9	Glycogen [starch] synthase, muscle
H10_MOUSE	1968	20848	102	5	5	Histone H1.0
H12_MOUSE	1987	21254	135	11	5	Histone H1.2
H14_MOUSE	2198	21964	121	8	2	Histone H1.4
H2A2B_MOUSE	2427	14005	98	5	2	Histone H2A type 2-B
H2AJ_MOUSE	1816	14037	107	6	2	Histone H2A.J
H2AV_MOUSE	968	13501	66	4	2	Histone H2A.V
H2AY_MOUSE	533	39882	27	4	4	Core histone macro-H2A.1
H2B1B_MOUSE	4478	13944	158	8	8	Histone H2B type 1-B
H31_MOUSE	1270	15509	81	6	1	Histone H3.1
H32_MOUSE	2378	15436	104	6	1	Histone H3.2
H3C_MOUSE	3039	15363	118	8	3	Histone H3.3C
H4_MOUSE	3661	11360	184	8	8	Histone H4
HBA_MOUSE	867	15133	63	7	7	Hemoglobin subunit alpha
HBB1_MOUSE	3986	15944	187	11	5	Hemoglobin subunit beta-1
HBB2_MOUSE	1966	15982	128	9	3	Hemoglobin subunit beta-2
HCD2_MOUSE	213	27516	14	4	4	3-hydroxyacyl-CoA dehydrogenase type-2
HCDH_MOUSE	631	34613	28	3	3	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial
HEMO_MOUSE	137	52026	10	5	5	Hemopexin
HHATL_MOUSE	4867	57021	252	14	14	Protein-cysteine N-palmitoyltransferase HHAT-like protein
HIP1_MOUSE	31	116100	3	1	1	Huntingtin-interacting protein 1
HMGB1_MOUSE	26	25049	1	1	1	High mobility group protein B1
HNRPK_MOUSE	226	51230	16	4	4	Heterogeneous nuclear ribonucleoprotein K
HNRPQ_MOUSE	25	69818	1	1	1	Heterogeneous nuclear ribonucleoprotein Q
HNRPU_MOUSE	241	88661	15	3	3	Heterogeneous nuclear ribonucleoprotein U
HP1B3_MOUSE	93	61057	3	2	2	Heterochromatin protein 1-binding protein 3
HS90B_MOUSE	2406	83571	156	18	18	Heat shock protein HSP 90-beta
HSP7C_MOUSE	6217	71055	307	23	21	Heat shock cognate 71 kDa protein
HSPB1_MOUSE	450	23057	33	7	7	Heat shock protein beta-1
HSPB6_MOUSE	179	17567	15	3	3	Heat shock protein beta-6
HSPB7_MOUSE	188	18680	7	2	2	Heat shock protein beta-7
HSPB8_MOUSE	33	21691	1	1	1	Heat shock protein beta-8
HXK2_MOUSE	784	103951	47	10	10	Hexokinase-2
HYD1N_MOUSE	31	586685	2	1	1	Hydrocephalus-inducing protein
IDH3A_MOUSE	2632	40069	139	12	12	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial
IDHG1_MOUSE	983	43157	76	9	9	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial
IDHP_MOUSE	1505	51330	112	14	14	Isocitrate dehydrogenase [NADP], mitochondrial
IF4A2_MOUSE	77	46601	5	4	4	Eukaryotic initiation factor 4A-II
IF5A1_MOUSE	276	17049	17	3	3	Eukaryotic translation initiation factor 5A-1
IFIH1_MOUSE	21	117209	1	1	1	Interferon-induced helicase C domain-containing protein 1
IGFN1_MOUSE	27	306493	1	1	1	Immunoglobulin-like and fibronectin type III domain-containing protein 1
IGH1M_MOUSE	44	44043	3	1	1	Ig gamma-1 chain C region, membrane-bound form
IGKC_MOUSE	36	12098	2	1	1	Immunoglobulin kappa constant
IMB1_MOUSE	199	98377	9	1	1	Importin subunit beta-1
IQUB_MOUSE	25	92756	1	1	1	IQ and ubiquitin-like domain-containing protein
IRGM1_MOUSE	49	47092	5	2	2	Immunity-related GTPase family M protein 1
ITIH1_MOUSE	51	101460	3	2	2	Inter-alpha-trypsin inhibitor heavy chain H1
ITIH2_MOUSE	34	106261	1	1	1	Inter-alpha-trypsin inhibitor heavy chain H2
ITIH3_MOUSE	85	99638	3	3	3	Inter-alpha-trypsin inhibitor heavy chain H3
ITIH5_MOUSE	44	107139	2	1	1	Inter-alpha-trypsin inhibitor heavy chain H5
IVD_MOUSE	39	46695	2	1	1	Isovaleryl-CoA dehydrogenase, mitochondrial
JAM3_MOUSE	45	35386	7	1	1	Junctional adhesion molecule C
JPH1_MOUSE	249	72374	23	8	8	Junctophilin-1
JPH2_MOUSE	812	74818	54	9	9	Junctophilin-2
JSPR1_MOUSE	1731	36242	80	8	8	Junctional sarcoplasmic reticulum protein 1
K1C10_MOUSE	279	57906	14	6	2	Keratin, type I cytoskeletal 10
K1C15_MOUSE	148	49278	12	5	1	Keratin, type I cytoskeletal 15
K1C17_MOUSE	179	48417	10	4	1	Keratin, type I cytoskeletal 17
K1C19_MOUSE	132	44515	11	4	1	Keratin, type I cytoskeletal 19
K22O_MOUSE	140	63319	8	3	1	Keratin, type II cytoskeletal 2 oral
K2C4_MOUSE	135	56590	8	3	1	Keratin, type II cytoskeletal 4
KAD1_MOUSE	5295	21640	214	12	12	Adenylate kinase isoenzyme 1
KAT2B_MOUSE	53	92680	4	1	1	Histone acetyltransferase KAT2B
KCC2A_MOUSE	2386	54651	117	6	5	Calcium/calmodulin-dependent protein kinase type II subunit alpha
KCC2G_MOUSE	248	60254	19	7	6	Calcium/calmodulin-dependent protein kinase type II subunit gamma

KCJ11_MOUSE	95	43933	2	1	1	ATP-sensitive inward rectifier potassium channel 11
KCNA5_MOUSE	20	67222	1	1	1	Potassium voltage-gated channel subfamily A member 5
KCNV2_MOUSE	20	65332	1	1	1	Potassium voltage-gated channel subfamily V member 2
KCRM_MOUSE	55087	43246	2033	29	10	Creatine kinase M-type
KCR5_MOUSE	15307	47899	641	21	21	Creatine kinase S-type, mitochondrial
KERA_MOUSE	459	40777	29	6	6	Keratocan
KIF14_MOUSE	20	188439	1	1	1	Kinesin-like protein KIF14
KIF15_MOUSE	23	161104	2	1	1	Kinesin-like protein KIF15
KIF19_MOUSE	39	112061	2	1	1	Kinesin-like protein KIF19
KINH_MOUSE	23	110225	1	1	1	Kinesin-1 heavy chain
KLH40_MOUSE	2845	70400	118	11	11	Kelch-like protein 40
KLH41_MOUSE	3697	68945	176	16	16	Kelch-like protein 41
KNG1_MOUSE	32	74140	1	1	1	Kininogen-1
KPB1_MOUSE	1350	139877	84	11	11	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform
KPBB_MOUSE	1408	124951	56	11	11	Phosphorylase b kinase regulatory subunit beta
KPYM_MOUSE	17956	58378	725	29	29	Pyruvate kinase PKM
KR192_MOUSE	21	14128	1	1	1	Keratin-associated protein 19-2
KRT34_MOUSE	2968	46185	131	13	2	Keratin, type I cuticular Ha4
KRT81_MOUSE	2231	54653	122	21	4	Keratin, type II cuticular Hb1
KRT84_MOUSE	35	65798	2	2	1	Keratin, type II cuticular Hb4
KRT85_MOUSE	1450	57377	86	13	1	Keratin, type II cuticular Hb5
KRT87_MOUSE	2048	56190	115	19	2	Keratin, type II cuticular 87
KT33A_MOUSE	3100	47704	132	13	3	Keratin, type I cuticular Ha3-I
KT33B_MOUSE	2319	47488	98	9	1	Keratin, type I cuticular Ha3-II
LAMA2_MOUSE	3190	352831	200	39	39	Laminin subunit alpha-2
LAMA3_MOUSE	26	375058	1	1	1	Laminin subunit alpha-3
LAMA4_MOUSE	26	204372	1	1	1	Laminin subunit alpha-4
LAMA5_MOUSE	510	416165	20	4	4	Laminin subunit alpha-5
LAMB1_MOUSE	917	204203	36	9	8	Laminin subunit beta-1
LAMB2_MOUSE	3558	203579	225	31	30	Laminin subunit beta-2
LAMC1_MOUSE	2324	182830	132	25	25	Laminin subunit gamma-1
LAP2A_MOUSE	63	75807	4	2	2	Lamina-associated polypeptide 2, isoforms alpha/zeta
LD83_MOUSE	7318	77581	388	19	19	LIM domain-binding protein 3
LDHA_MOUSE	7684	36817	350	17	16	L-lactate dehydrogenase A chain
LDHB_MOUSE	1421	36834	50	5	4	L-lactate dehydrogenase B chain
LEG1_MOUSE	220	15198	13	3	3	Galectin-1
LETM1_MOUSE	36	83621	3	1	1	Mitochondrial proton/calcium exchanger protein
LGUL_MOUSE	119	20967	11	2	2	Lactoylglutathione lyase
LMCD1_MOUSE	21	42167	1	1	1	LIM and cysteine-rich domains protein 1
LMNA_MOUSE	3421	74478	182	27	26	Prelamin-A/C
LMNB1_MOUSE	117	66973	9	3	2	Lamin-B1
LNP_MOUSE	66	47755	2	2	2	Endoplasmic reticulum junction formation protein lunapark
LPPRC_MOUSE	21	157770	1	1	1	Leucine-rich PPR motif-containing protein, mitochondrial
LRC59_MOUSE	28	35312	1	1	1	Leucine-rich repeat-containing protein 59
LRP4_MOUSE	36	217121	2	1	1	Low-density lipoprotein receptor-related protein 4
LUM_MOUSE	498	38640	37	8	8	Lumican
LYRIC_MOUSE	109	63922	6	2	2	Protein LYRIC
M2OM_MOUSE	2977	34304	162	13	13	Mitochondrial 2-oxoglutarate/malate carrier protein
MA2A2_MOUSE	47	131251	4	3	3	Alpha-mannosidase 2x
MACD1_MOUSE	1329	35843	35	5	5	O-acetyl-ADP-ribose deacetylase MACROD1
MAON_MOUSE	167	67683	9	2	2	NADP-dependent malic enzyme, mitochondrial
MAP4_MOUSE	147	117927	9	4	4	Microtubule-associated protein 4
MAV5_MOUSE	30	53822	3	3	3	Mitochondrial antiviral-signaling protein
MBOA7_MOUSE	25	54085	1	1	1	Lysophospholipid acyltransferase 7
MBP_MOUSE	1340	27151	125	4	4	Myelin basic protein
MCA1_MOUSE	112	33347	8	2	2	Mitochondrial carnitine/acylcarnitine carrier protein
MCCA_MOUSE	34	79692	2	2	2	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial
MCPT4_MOUSE	477	27528	26	5	5	Mast cell protease 4
MCU_MOUSE	96	39999	6	2	2	Calcium uniporter protein, mitochondrial
MDHC_MOUSE	2526	36659	112	9	9	Malate dehydrogenase, cytoplasmic
MDHM_MOUSE	11219	36045	442	17	17	Malate dehydrogenase, mitochondrial
MECP2_MOUSE	25	52447	1	1	1	Methyl-CpG-binding protein 2
MELPH_MOUSE	21	65811	2	1	1	Melanophilin
MFAP2_MOUSE	159	21363	14	1	1	Microfibrillar-associated protein 2
MFAP4_MOUSE	66	29261	1	1	1	Microfibril-associated glycoprotein 4
MFAP5_MOUSE	133	18982	9	1	1	Microfibrillar-associated protein 5
MGST3_MOUSE	1582	17118	37	3	3	Microsomal glutathione S-transferase 3
MIC13_MOUSE	31	13422	1	1	1	MIC complex subunit MIC13
MIC19_MOUSE	1235	26546	30	3	3	MIC complex subunit Mic19
MIC26_MOUSE	375	22704	21	3	3	MIC complex subunit Mic26
MIC60_MOUSE	1983	84247	109	14	14	MIC complex subunit Mic60
MIF_MOUSE	161	12667	15	1	1	Macrophage migration inhibitory factor
MIME_MOUSE	3712	34333	102	9	9	Mimecan
MLRS_MOUSE	17345	19057	805	18	18	Myosin regulatory light chain 2, skeletal muscle isoform
MLRV_MOUSE	480	18852	49	6	6	Myosin regulatory light chain 2, ventricular/cardiac muscle isoform
MMSA_MOUSE	41	58335	3	1	1	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
MO2R3_MOUSE	38	34116	3	1	1	Cell surface glycoprotein CD200 receptor 3
MOT4_MOUSE	164	50968	12	2	2	Monocarboxylate transporter 4
MPC1_MOUSE	1130	12617	44	2	2	Mitochondrial pyruvate carrier 1
MPC2_MOUSE	363	14334	24	4	4	Mitochondrial pyruvate carrier 2
MPCP_MOUSE	4251	40063	226	12	12	Phosphate carrier protein, mitochondrial
MPPA_MOUSE	685	58755	15	1	1	Mitochondrial-processing peptidase subunit alpha
MRO2A_MOUSE	27	192112	2	1	1	Maestro heat-like repeat-containing protein family member 2A

MTCH2_MOUSE	929	34104	61	7	7	Mitochondrial carrier homolog 2
MTMR6_MOUSE	20	71914	1	1	1	Myotubularin-related protein 6
MTMRB_MOUSE	33	79145	1	1	1	Myotubularin-related protein 11
MY18A_MOUSE	182	233637	7	3	3	Unconventional myosin-XVIIIa
MYBPH_MOUSE	3374	53065	154	11	11	Myosin-binding protein H
MYBPP_MOUSE	62	106785	5	1	1	MYCBP-associated protein
MYG_MOUSE	1849	17116	101	7	7	Myoglobin
MYH1_MOUSE	347989	224116	12871	188	40	Myosin-1
MYH11_MOUSE	5185	227743	242	20	15	Myosin-11
MYH3_MOUSE	100593	224736	4469	72	7	Myosin-3
MYH4_MOUSE	638227	223632	20760	205	56	Myosin-4
MYH7_MOUSE	123374	223539	4951	135	84	Myosin-7
MYH7B_MOUSE	17267	222501	786	19	1	Myosin-7B
MYH8_MOUSE	294055	223653	10718	140	14	Myosin-8
MYH9_MOUSE	3685	227429	176	11	7	Myosin-9
MYL1_MOUSE	23014	20695	923	18	14	Myosin light chain 1/3, skeletal muscle isoform
MYL3_MOUSE	9234	22521	436	12	8	Myosin light chain 3
MYL4_MOUSE	1202	21260	46	3	1	Myosin light chain 4
MYLK2_MOUSE	295	66633	29	4	4	Myosin light chain kinase 2, skeletal/cardiac muscle
MYO1C_MOUSE	300	122723	14	3	2	Unconventional myosin-Ic
MYOC_MOUSE	36	55622	2	2	2	Myocilin
MYOM1_MOUSE	26858	186546	1353	83	83	Myomesin-1
MYOM3_MOUSE	2315	162761	100	23	23	Myomesin-3
MYOT1_MOUSE	3092	55738	214	17	17	Myotilin
MYOZ1_MOUSE	10609	31438	457	13	13	Myozenin-1
MYOZ2_MOUSE	407	29800	23	4	4	Myozenin-2
MYOZ3_MOUSE	1371	27022	70	6	6	Myozenin-3
MYP0_MOUSE	7481	27775	361	9	9	Myelin protein P0
MYPC2_MOUSE	55850	128128	2336	70	70	Myosin-binding protein C, fast-type
MYPN_MOUSE	47	145222	5	3	3	Myopalladin
NACAM_MOUSE	266	221277	21	9	9	Nascent polypeptide-associated complex subunit alpha, muscle-specific form
NARI_MOUSE	49	36331	2	1	1	GPI-linked NAD(P)(+)--arginine ADP-ribosyltransferase 1
NB5R1_MOUSE	102	34284	7	3	3	NADH-cytochrome b5 reductase 1
NB5R3_MOUSE	103	34334	7	4	4	NADH-cytochrome b5 reductase 3
NCAM1_MOUSE	22	120152	1	1	1	Neural cell adhesion molecule 1
NCLN_MOUSE	82	63097	6	2	2	Nicalin
NDE1_MOUSE	31	38556	3	1	1	Nuclear distribution protein nudE homolog 1
NDKB_MOUSE	768	17466	56	4	4	Nucleoside diphosphate kinase B
NDRG2_MOUSE	1338	41105	50	5	5	Protein NDRG2
NDUA1_MOUSE	48	8190	1	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1
NDUA2_MOUSE	49	11023	2	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
NDUA3_MOUSE	45	9325	2	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3
NDUA4_MOUSE	1033	9321	55	5	5	Cytochrome c oxidase subunit NDUF44
NDUA5_MOUSE	21	13408	1	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5
NDUA6_MOUSE	60	15273	9	3	3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
NDUA7_MOUSE	42	12625	4	1	1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7
NDUA8_MOUSE	103	20435	9	2	2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8
NDUA9_MOUSE	5884	42612	222	16	16	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial
NDUAA_MOUSE	2873	40863	121	10	10	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial
NDUAC_MOUSE	399	17133	30	3	3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12
NDUAD_MOUSE	801	16849	39	5	5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13
NDUB2_MOUSE	58	12017	4	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial
NDUB4_MOUSE	89	15072	5	2	2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4
NDUB5_MOUSE	455	21753	29	5	5	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
NDUB6_MOUSE	199	15505	23	3	3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6
NDUB7_MOUSE	78	16548	6	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7
NDUB8_MOUSE	401	21919	26	2	2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial
NDUB9_MOUSE	53	22255	8	3	3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
NDUBA_MOUSE	75	21296	7	2	2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
NDUBB_MOUSE	197	17490	17	1	1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial
NDUC2_MOUSE	984	14211	59	3	3	NADH dehydrogenase [ubiquinone] 1 subunit C2
NDUS1_MOUSE	4164	80752	229	21	21	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
NDUS2_MOUSE	581	52991	39	10	10	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
NDUS3_MOUSE	5399	30302	158	8	8	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
NDUS4_MOUSE	57	19829	5	1	1	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial
NDUS5_MOUSE	54	12867	1	1	1	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5
NDUS7_MOUSE	1233	24952	49	3	3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
NDUS8_MOUSE	863	24479	30	3	3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
NDUV1_MOUSE	1503	51486	97	14	14	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
NDUV2_MOUSE	291	27610	28	3	3	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
NED4L_MOUSE	50	115746	4	1	1	E3 ubiquitin-protein ligase NEDD4-like
NEK8_MOUSE	23	76414	1	1	1	Serine/threonine-protein kinase Nek8
NEMO_MOUSE	21	48455	1	1	1	NF-kappa-B essential modulator
NEPRO_MOUSE	29	64266	1	1	1	Nucleolus and neural progenitor protein
NFH_MOUSE	503	117209	32	6	5	Neurofilament heavy polypeptide
NFL_MOUSE	963	61528	84	12	10	Neurofilament light polypeptide
NFM_MOUSE	892	95973	54	9	7	Neurofilament medium polypeptide
NID1_MOUSE	2736	139302	140	17	16	Nidogen-1
NID2_MOUSE	172	156610	16	6	5	Nidogen-2
NIPS2_MOUSE	319	33083	23	4	4	Protein NipSnap homolog 2
NLRP6_MOUSE	206	98766	23	1	1	NACHT, LRR and PYD domains-containing protein 6
NNTM_MOUSE	69	114449	6	4	4	NAD(P) transhydrogenase, mitochondrial
NOC2_MOUSE	132	83579	21	1	1	Nucleolar GTP-binding protein 2



NOL3_MOUSE	36	24781	1	1	1	Nucleolar protein 3
NOL7_MOUSE	106	29009	6	1	1	Nucleolar protein 7
NONO_MOUSE	40	54620	1	1	1	Non-POU domain-containing octamer-binding protein
NOP56_MOUSE	33	64880	1	1	1	Nucleolar protein 56
NPM_MOUSE	31	32711	1	1	1	Nucleophosmin
NU1M_MOUSE	44	36092	2	1	1	NADH-ubiquinone oxidoreductase chain 1
NU4M_MOUSE	304	52018	19	2	2	NADH-ubiquinone oxidoreductase chain 4
NU5M_MOUSE	533	68771	18	2	2	NADH-ubiquinone oxidoreductase chain 5
NUCL_MOUSE	38	76734	3	2	2	Nucleolin
NUDT6_MOUSE	26	35517	1	1	1	Nucleoside diphosphate-linked moiety X motif 6
OAT_MOUSE	30	48723	1	1	1	Ornithine aminotransferase, mitochondrial
OBSCN_MOUSE	5749	979281	314	63	63	Obscurin
OCAD1_MOUSE	24	27821	1	1	1	OCIA domain-containing protein 1
ODO1_MOUSE	7125	117572	323	29	29	2-oxoglutarate dehydrogenase, mitochondrial
ODO2_MOUSE	1789	49306	86	4	4	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial
ODP2_MOUSE	2574	68469	144	11	11	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
ODPA_MOUSE	6060	43888	227	13	13	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial
ODPB_MOUSE	3549	39254	191	12	12	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial
ODPX_MOUSE	379	54250	16	1	1	Pyruvate dehydrogenase protein X component, mitochondrial
OLA1_MOUSE	72	44929	3	1	1	Obg-like ATPase 1
OST48_MOUSE	126	49225	5	1	1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
PACN3_MOUSE	192	48897	17	7	7	Protein kinase C and casein kinase II substrate protein 3
PADI2_MOUSE	190	76942	11	2	2	Protein-arginine deiminase type-2
PAIRB_MOUSE	77	44801	6	3	3	Plasminogen activator inhibitor 1 RNA-binding protein
PARK7_MOUSE	233	20236	18	3	3	Protein/nucleic acid deglycase DJ-1
PARVB_MOUSE	25	41700	1	1	1	Beta-parvin
PBIP1_MOUSE	1150	81514	42	9	9	Pre-B-cell leukemia transcription factor-interacting protein 1
PDIA1_MOUSE	700	57422	40	5	5	Protein disulfide-isomerase
PDK2_MOUSE	209	46239	12	1	1	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial
PDLI3_MOUSE	1749	34734	66	9	9	PDZ and LIM domain protein 3
PDLI5_MOUSE	2842	64514	149	8	8	PDZ and LIM domain protein 5
PDLI7_MOUSE	1413	51170	75	6	6	PDZ and LIM domain protein 7
PDPR_MOUSE	39	100079	1	1	1	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial
PEBP1_MOUSE	144	20988	8	3	3	Phosphatidylethanolamine-binding protein 1
PEDF_MOUSE	129	46262	4	1	1	Pigment epithelium-derived factor
PFKAM_MOUSE	28375	86070	1119	40	40	ATP-dependent 6-phosphofructokinase, muscle type
PGAM2_MOUSE	7873	28980	348	15	15	Phosphoglycerate mutase 2
PCBM_MOUSE	17861	407847	896	88	88	Basement membrane-specific heparan sulfate proteoglycan core protein
PGK1_MOUSE	4380	44921	191	15	15	Phosphoglycerate kinase 1
PGM1_MOUSE	6584	61665	381	27	27	Phosphoglucomutase-1
PGM5_MOUSE	268	62751	34	3	3	Phosphoglucomutase-like protein 5
PGS1_MOUSE	2400	42069	122	12	11	Biglycan
PGS2_MOUSE	5064	40126	295	14	13	Decorin
PHB_MOUSE	403	29859	21	8	8	Prohibitin
PHB2_MOUSE	827	33276	39	8	8	Prohibitin-2
PHF8_MOUSE	22	114508	1	1	1	Histone lysine demethylase PHF8
PHKG1_MOUSE	509	45387	48	5	5	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
PHLB2_MOUSE	35	142253	1	1	1	Pleckstrin homology-like domain family B member 2
PIEZ1_MOUSE	27	295063	1	1	1	Piezo-type mechanosensitive ion channel component 1
PKHS1_MOUSE	27	53728	1	1	1	Pleckstrin homology domain-containing family S member 1
PLCA_MOUSE	99	32031	3	1	1	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha
PLCC_MOUSE	36	43952	3	2	2	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma
PLCD4_MOUSE	21	93547	1	1	1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
PLD1_MOUSE	31	124689	1	1	1	Phospholipase D1
PLEC_MOUSE	26938	535800	1417	167	167	Plectin
PLM_MOUSE	437	10544	25	2	2	Phospholemman
PMFBP_MOUSE	29	120467	1	1	1	Polyamine-modulated factor 1-binding protein 1
POSTN_MOUSE	344	93769	10	1	1	Periostin
PP1B_MOUSE	220	37961	14	2	2	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
PP2BA_MOUSE	31	59291	3	1	1	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
PPAC_MOUSE	27	18636	1	1	1	Low molecular weight phosphotyrosine protein phosphatase
PPCE_MOUSE	20	81669	1	1	1	Prolyl endopeptidase
PPIA_MOUSE	76	18131	6	2	2	Peptidyl-prolyl cis-trans isomerase A
PPR3A_MOUSE	25	122443	2	2	2	Protein phosphatase 1 regulatory subunit 3A
PRAF3_MOUSE	529	21543	30	2	2	PRA1 family protein 3
PRAX_MOUSE	774	147823	60	16	16	Periaxin
PRDX1_MOUSE	746	22390	66	5	5	Peroxisiredoxin-1
PRDX2_MOUSE	179	21936	16	3	3	Peroxisiredoxin-2
PRDX3_MOUSE	146	28337	7	3	3	Thioredoxin-dependent peroxide reductase, mitochondrial
PRDX5_MOUSE	27	22226	1	1	1	Peroxisiredoxin-5, mitochondrial
PRDX6_MOUSE	63	24969	3	1	1	Peroxisiredoxin-6
PREB_MOUSE	25	45979	2	1	1	Prolactin regulatory element-binding protein
PRELP_MOUSE	3583	43607	155	11	11	Prolargin
PRG2_MOUSE	45	24981	1	1	1	Bone marrow proteoglycan
PROX1_MOUSE	32	83701	1	1	1	Prospero homeobox protein 1
PRP8_MOUSE	20	274754	1	1	1	Pre-mRNA-processing-splicing factor 8
PRPS1_MOUSE	2497	35325	94	10	10	Ribose-phosphate pyrophosphokinase 1
PRR33_MOUSE	431	28673	19	1	1	Proline-rich protein 33
PRS38_MOUSE	20	36245	1	1	1	Serine protease 38
PRS6A_MOUSE	22	49803	1	1	1	26S proteasome regulatory subunit 6A
PRS8_MOUSE	59	45768	4	1	1	26S proteasome regulatory subunit 8
PRVA_MOUSE	1937	11923	79	5	5	Parvalbumin alpha
PSA1_MOUSE	57	29813	8	1	1	Proteasome subunit alpha type-1

PSB2_MOUSE	51	23063	3	1	1	Proteasome subunit beta type-2
PSB6_MOUSE	31	25591	1	1	1	Proteasome subunit beta type-6
PSD1_MOUSE	42	110360	1	1	1	PH and SEC7 domain-containing protein 1
PSD13_MOUSE	211	43124	9	1	1	26S proteasome non-ATPase regulatory subunit 13
PSMD2_MOUSE	124	100937	9	2	2	26S proteasome non-ATPase regulatory subunit 2
PSMD3_MOUSE	67	60794	2	1	1	26S proteasome non-ATPase regulatory subunit 3
PSMD7_MOUSE	36	36574	2	1	1	26S proteasome non-ATPase regulatory subunit 7
PSME1_MOUSE	33	28826	1	1	1	Proteasome activator complex subunit 1
PTH2_MOUSE	36	19742	1	1	1	Peptidyl-tRNA hydrolase 2, mitochondrial
PTPRB_MOUSE	43	225838	2	1	1	Receptor-type tyrosine-protein phosphatase beta
PTPRT_MOUSE	22	164677	1	1	1	Receptor-type tyrosine-protein phosphatase T
PUR8_MOUSE	24	55572	1	1	1	Adenylosuccinate lyase
PURA1_MOUSE	2717	50508	122	11	11	Adenylosuccinate synthetase isozyme 1
PXMP2_MOUSE	24	22251	1	1	1	Peroxisomal membrane protein 2
PYC_MOUSE	32	130344	1	1	1	Pyruvate carboxylase, mitochondrial
PYGB_MOUSE	18447	97353	666	15	3	Glycogen phosphorylase, brain form
PYGL_MOUSE	7366	97857	322	7	1	Glycogen phosphorylase, liver form
PYGM_MOUSE	73787	97681	2802	61	48	Glycogen phosphorylase, muscle form
PZP_MOUSE	85	167116	4	1	1	Pregnancy zone protein
QCR1_MOUSE	6987	53446	355	18	18	Cytochrome b-c1 complex subunit 1, mitochondrial
QCR10_MOUSE	22	6534	1	1	1	Cytochrome b-c1 complex subunit 10
QCR2_MOUSE	9282	48262	379	19	19	Cytochrome b-c1 complex subunit 2, mitochondrial
QCR6_MOUSE	151	10713	4	2	2	Cytochrome b-c1 complex subunit 6, mitochondrial
QCR7_MOUSE	39	13519	4	2	2	Cytochrome b-c1 complex subunit 7
QCR8_MOUSE	940	9762	53	4	4	Cytochrome b-c1 complex subunit 8
QCR9_MOUSE	633	7441	33	2	2	Cytochrome b-c1 complex subunit 9
QKI_MOUSE	20	37761	1	1	1	Protein quaking
RAB10_MOUSE	833	22755	40	5	5	Ras-related protein Rab-10
RAC1_MOUSE	70	21835	6	2	2	Ras-related C3 botulinum toxin substrate 1
RACK1_MOUSE	190	35511	12	3	3	Receptor of activated protein C kinase 1
RAN_MOUSE	34	24579	2	1	1	GTP-binding nuclear protein Ran
RAP1A_MOUSE	99	21316	2	1	1	Ras-related protein Rap-1A
RBBP5_MOUSE	50	59745	5	1	1	Retinoblastoma-binding protein 5
RCN1_MOUSE	107	38090	8	1	1	Reticulocalbin-1
RHG31_MOUSE	119	156549	10	1	1	Rho GTPase-activating protein 31
RHOA_MOUSE	28	22110	1	1	1	Transforming protein RhoA
RIBC1_MOUSE	26	45106	1	1	1	RIB43A-like with coiled-coils protein 1
RIN3_MOUSE	42	108122	6	1	1	Ras and Rab interactor 3
RL10A_MOUSE	347	25072	42	6	6	60S ribosomal protein L10a
RL10L_MOUSE	670	24998	41	4	4	60S ribosomal protein L10-like
RL12_MOUSE	29	17965	1	1	1	60S ribosomal protein L12
RL13_MOUSE	1065	24348	76	6	6	60S ribosomal protein L13
RL13A_MOUSE	137	23563	15	4	4	60S ribosomal protein L13a
RL14_MOUSE	1658	23663	68	4	4	60S ribosomal protein L14
RL15_MOUSE	846	24245	58	7	7	60S ribosomal protein L15
RL17_MOUSE	230	21637	16	3	3	60S ribosomal protein L17
RL18_MOUSE	1447	21688	70	5	5	60S ribosomal protein L18
RL18A_MOUSE	786	21004	44	4	4	60S ribosomal protein L18a
RL19_MOUSE	559	23565	28	3	3	60S ribosomal protein L19
RL21_MOUSE	142	18607	12	1	1	60S ribosomal protein L21
RL22_MOUSE	285	14807	15	3	3	60S ribosomal protein L22
RL22L_MOUSE	34	14459	1	1	1	60S ribosomal protein L22-like 1
RL23_MOUSE	359	14970	22	2	2	60S ribosomal protein L23
RL23A_MOUSE	138	17684	5	2	2	60S ribosomal protein L23a
RL24_MOUSE	553	17882	32	5	5	60S ribosomal protein L24
RL26_MOUSE	387	17248	36	4	4	60S ribosomal protein L26
RL27_MOUSE	604	15788	45	4	4	60S ribosomal protein L27
RL27A_MOUSE	308	16709	16	3	3	60S ribosomal protein L27a
RL28_MOUSE	142	15781	13	3	3	60S ribosomal protein L28
RL29_MOUSE	60	17633	5	2	2	60S ribosomal protein L29
RL3_MOUSE	301	46366	23	3	3	60S ribosomal protein L3
RL30_MOUSE	907	12947	36	3	3	60S ribosomal protein L30
RL31_MOUSE	251	14454	18	1	1	60S ribosomal protein L31
RL34_MOUSE	317	13513	28	4	4	60S ribosomal protein L34
RL35_MOUSE	72	14544	8	2	2	60S ribosomal protein L35
RL35A_MOUSE	63	12660	8	2	2	60S ribosomal protein L35a
RL36_MOUSE	171	12265	13	1	1	60S ribosomal protein L36
RL36A_MOUSE	98	12718	14	4	4	60S ribosomal protein L36a
RL39_MOUSE	29	6403	1	1	1	60S ribosomal protein L39
RL4_MOUSE	1304	47409	101	13	13	60S ribosomal protein L4
RL5_MOUSE	653	34607	33	4	4	60S ribosomal protein L5
RL6_MOUSE	3446	33546	105	8	8	60S ribosomal protein L6
RL7_MOUSE	1278	31457	58	9	9	60S ribosomal protein L7
RL7A_MOUSE	1083	30129	63	10	10	60S ribosomal protein L7a
RL8_MOUSE	1213	28235	62	5	5	60S ribosomal protein L8
RL9_MOUSE	443	21982	20	4	4	60S ribosomal protein L9
RLA0_MOUSE	40	34366	3	1	1	60S acidic ribosomal protein P0
RN208_MOUSE	21	29283	2	1	1	RING finger protein 208
ROA2_MOUSE	189	37437	19	2	2	Heterogeneous nuclear ribonucleoproteins A2/B1
ROCK2_MOUSE	21	161625	1	1	1	Rho-associated protein kinase 2
RPGP2_MOUSE	20	78718	1	1	1	Rap1 GTPase-activating protein 2
RPN1_MOUSE	87	68657	6	3	3	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
RPN2_MOUSE	653	69134	22	2	2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2

RS10_MOUSE	386	18904	24	3	3	40S ribosomal protein S10
RS11_MOUSE	341	18590	26	5	5	40S ribosomal protein S11
RS13_MOUSE	436	17212	34	5	5	40S ribosomal protein S13
RS14_MOUSE	603	16434	27	2	2	40S ribosomal protein S14
RS15_MOUSE	619	17029	22	2	2	40S ribosomal protein S15
RS15A_MOUSE	60	14944	3	2	2	40S ribosomal protein S15a
RS16_MOUSE	962	16549	43	7	7	40S ribosomal protein S16
RS18_MOUSE	829	17708	51	9	9	40S ribosomal protein S18
RS19_MOUSE	373	16076	22	4	4	40S ribosomal protein S19
RS2_MOUSE	548	31497	29	4	4	40S ribosomal protein S2
RS20_MOUSE	172	13478	12	2	2	40S ribosomal protein S20
RS23_MOUSE	138	15969	8	2	2	40S ribosomal protein S23
RS24_MOUSE	177	15413	9	1	1	40S ribosomal protein S24
RS25_MOUSE	415	13791	30	3	3	40S ribosomal protein S25
RS26_MOUSE	115	13292	12	2	2	40S ribosomal protein S26
RS27A_MOUSE	831	18282	49	3	3	Ubiquitin-40S ribosomal protein S27a
RS27L_MOUSE	99	9813	8	1	1	40S ribosomal protein S27-like
RS3_MOUSE	144	26828	5	2	2	40S ribosomal protein S3
RS30_MOUSE	129	6644	9	1	1	40S ribosomal protein S30
RS3A_MOUSE	918	30094	46	10	10	40S ribosomal protein S3a
RS4X_MOUSE	841	29807	44	7	7	40S ribosomal protein S4, X isoform
RS5_MOUSE	297	23046	18	3	3	40S ribosomal protein S5
RS6_MOUSE	918	28834	43	6	6	40S ribosomal protein S6
RS7_MOUSE	312	22113	23	4	4	40S ribosomal protein S7
RS8_MOUSE	1358	24475	77	7	7	40S ribosomal protein S8
RS9_MOUSE	504	22635	43	9	9	40S ribosomal protein S9
RSMB_MOUSE	19	23811	1	1	1	Small nuclear ribonucleoprotein-associated protein B
RSSA_MOUSE	1191	32931	59	5	5	40S ribosomal protein SA
RTN2_MOUSE	8656	51543	217	6	6	Reticulon-2
RTN4_MOUSE	1636	127048	102	6	6	Reticulon-4
RYR1_MOUSE	61290	570381	2818	182	182	Ryanodine receptor 1
S2542_MOUSE	79	35276	3	1	1	Mitochondrial coenzyme A transporter SLC25A42
S2551_MOUSE	89	33896	4	1	1	Solute carrier family 25 member 51
S27A1_MOUSE	80	72200	5	2	2	Long-chain fatty acid transport protein 1
S61A2_MOUSE	210	52670	12	1	1	Protein transport protein Sec61 subunit alpha isoform 2
SAC1_MOUSE	24	67471	1	1	1	Phosphatidylinositide phosphatase SAC1
SAC2_MOUSE	33	128782	1	1	1	Phosphatidylinositide phosphatase SAC2
SAM50_MOUSE	134	52230	12	2	2	Sorting and assembly machinery component 50 homolog
SAMH1_MOUSE	28	73517	1	1	1	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1
SAPC2_MOUSE	36	43209	1	1	1	Suppressor APC domain-containing protein 2
SAR1B_MOUSE	122	22482	14	4	4	GTP-binding protein SAR1b
SC22B_MOUSE	31	24896	2	2	2	Vesicle-trafficking protein SEC22b
SCAM2_MOUSE	37	36897	1	1	1	Secretory carrier-associated membrane protein 2
SCOT1_MOUSE	41	56352	2	1	1	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial
SCPDL_MOUSE	84	47669	6	3	3	Saccharopine dehydrogenase-like oxidoreductase
SDHA_MOUSE	4323	73623	202	17	17	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
SDHB_MOUSE	997	32591	73	8	8	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial
SFI1_MOUSE	33	145596	1	1	1	Protein SFI1 homolog
SFXN3_MOUSE	65	35669	3	2	2	Sideroflexin-3
SGCA_MOUSE	239	43659	20	5	5	Alpha-sarcoglycan
SGCB_MOUSE	26	35193	1	1	1	Beta-sarcoglycan
SGCG_MOUSE	114	32347	4	1	1	Gamma-sarcoglycan
SH3BG_MOUSE	258	23146	25	3	3	SH3 domain-binding glutamic acid-rich protein
SIR7_MOUSE	29	45745	1	1	1	NAD-dependent protein deacetylase sirtuin-7
SMTL2_MOUSE	70	49778	3	1	1	Smoothenin-like protein 2
SMYD1_MOUSE	3659	57428	127	13	13	Histone-lysine N-methyltransferase Smyd1
SNTA1_MOUSE	690	54088	40	4	4	Alpha-1-syntrophin
SODC_MOUSE	470	16104	21	3	3	Superoxide dismutase [Cu-Zn]
SODM_MOUSE	79	24816	4	2	2	Superoxide dismutase [Mn], mitochondrial
SPA3K_MOUSE	559	47021	35	5	5	Serine protease inhibitor A3K
SPB6_MOUSE	144	42913	7	3	3	Serpin B6
SPCS_MOUSE	86	56032	9	1	1	O-phosphoseryl-tRNA(Sec) selenium transferase
SPEG_MOUSE	457	356975	23	5	5	Striated muscle-specific serine/threonine-protein kinase
SPN90_MOUSE	40	79207	3	1	1	NCK-interacting protein with SH3 domain
SPTB1_MOUSE	184	245897	16	6	6	Spectrin beta chain, erythrocytic
SPTB2_MOUSE	224	274908	14	3	3	Spectrin beta chain, non-erythrocytic 1
SRCA_MOUSE	21248	99522	762	35	35	Sarcalumenin
SRPRB_MOUSE	40	29732	1	1	1	Signal recognition particle receptor subunit beta
SRPX_MOUSE	29	52795	1	1	1	Sushi-repeat-containing protein SRPX
SSPN_MOUSE	52	24640	5	2	2	Sarcospan
SSRD_MOUSE	20	19153	1	1	1	Translocon-associated protein subunit delta
ST17B_MOUSE	41	42469	1	1	1	Serine/threonine-protein kinase 17B
STAC3_MOUSE	59	41317	4	2	2	SH3 and cysteine-rich domain-containing protein 3
STIM1_MOUSE	52	77803	5	2	2	Stromal interaction molecule 1
STX11_MOUSE	20	33747	1	1	1	Syntaxin-11
SUCA_MOUSE	305	36474	34	4	4	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial
SUCB1_MOUSE	843	50424	47	11	11	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial
SUCB2_MOUSE	36	47096	2	1	1	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial
SURF4_MOUSE	476	30589	13	3	3	Surfeit locus protein 4
SYAC_MOUSE	21	107697	1	1	1	Alanine--tRNA ligase, cytoplasmic
SYC1L_MOUSE	23	28557	1	1	1	Synaptonemal complex central element protein 1-like
SYCP2_MOUSE	23	173839	1	1	1	Synaptonemal complex protein 2
SYDC_MOUSE	52	57567	3	2	2	Aspartate--tRNA ligase, cytoplasmic

SYEP_MOUSE	105	171739	8	2	2	Bifunctional glutamate/proline--tRNA ligase
SYIM_MOUSE	82	113873	3	1	1	Isoleucine--tRNA ligase, mitochondrial
SYNE2_MOUSE	78	787997	11	1	1	Nesprin-2
SYNEM_MOUSE	1438	173276	95	18	18	Synemin
SYNP2_MOUSE	1185	116968	61	7	7	Synaptopodin-2
SYP2L_MOUSE	841	103175	59	12	12	Synaptopodin 2-like protein
SYPL2_MOUSE	1835	29605	55	3	3	Synaptophysin-like protein 2
SYT16_MOUSE	83	71894	8	1	1	Synaptotagmin-16
SYVC_MOUSE	92	141439	4	1	1	Valine--tRNA ligase
TAGL2_MOUSE	36	22552	1	1	1	Transgelin-2
TBA1B_MOUSE	5053	50804	196	12	3	Tubulin alpha-1B chain
TBA4A_MOUSE	6260	50634	230	14	5	Tubulin alpha-4A chain
TBB2A_MOUSE	2578	50274	92	10	2	Tubulin beta-2A chain
TBB4B_MOUSE	3550	50255	164	15	7	Tubulin beta-4B chain
TCPZ_MOUSE	467	58424	17	1	1	T-complex protein 1 subunit zeta
TCTP_MOUSE	64	19564	8	2	2	Translationally-controlled tumor protein
TDRD9_MOUSE	30	157364	1	1	1	ATP-dependent RNA helicase TDRD9
TECR_MOUSE	1213	36466	51	7	7	Very-long-chain enoyl-CoA reductase
TELT_MOUSE	386	19294	33	7	7	Teletonin
TENA_MOUSE	99	237304	5	3	3	Tenascin
TERA_MOUSE	1693	89950	89	15	15	Transitional endoplasmic reticulum ATPase
TGM2_MOUSE	166	78153	11	4	4	Protein-glutamine gamma-glutamyltransferase 2
TGRM1_MOUSE	29	196100	1	1	1	TOG array regulator of axonemal microtubules protein 1
THIL_MOUSE	397	45129	32	6	6	Acetyl-CoA acetyltransferase, mitochondrial
THIM_MOUSE	985	42260	64	9	9	3-ketoacyl-CoA thiolase, mitochondrial
THS7B_MOUSE	26	186774	1	1	1	Thrombospondin type-1 domain-containing protein 7B
THTM_MOUSE	35	33305	4	2	2	3-mercaptopyruvate sulfurtransferase
TIM50_MOUSE	66	39980	2	1	1	Mitochondrial import inner membrane translocase subunit TIM50
TITIN_MOUSE	669588	3933362	31319	1582	1581	Titin
TLK2_MOUSE	20	83008	1	1	1	Serine/threonine-protein kinase tousled-like 2
TLN1_MOUSE	103	271820	5	2	2	Talin-1
TLN2_MOUSE	46	255743	1	1	1	Talin-2
TM109_MOUSE	242	26346	7	2	2	Transmembrane protein 109
TM38A_MOUSE	2891	33686	121	9	9	Trimeric intracellular cation channel type A
TMCO1_MOUSE	197	21389	8	1	1	Calcium load-activated calcium channel
TMM11_MOUSE	107	21754	12	2	2	Transmembrane protein 11, mitochondrial
TMM43_MOUSE	32	44869	1	1	1	Transmembrane protein 43
TMM65_MOUSE	26	25187	1	1	1	Transmembrane protein 65
TMOD1_MOUSE	530	40555	35	4	3	Tropomodulin-1
TMOD4_MOUSE	1960	39579	101	11	10	Tropomodulin-4
TMX2_MOUSE	136	34320	5	1	1	Thioredoxin-related transmembrane protein 2
TNMD_MOUSE	24	37822	1	1	1	Tenomodulin
TNNC2_MOUSE	7586	18155	293	12	11	Troponin C, skeletal muscle
TNNI1_MOUSE	1869	21856	71	6	6	Troponin I, slow skeletal muscle
TNNI2_MOUSE	8091	21515	359	10	10	Troponin I, fast skeletal muscle
TNNT1_MOUSE	630	31325	29	6	6	Troponin T, slow skeletal muscle
TNNT3_MOUSE	30779	32221	1115	16	16	Troponin T, fast skeletal muscle
TOM70_MOUSE	22	68288	1	1	1	Mitochondrial import receptor subunit TOM70
TPIS_MOUSE	5683	32684	243	13	13	Triosephosphate isomerase
TPM1_MOUSE	19023	32718	852	31	13	Tropomyosin alpha-1 chain
TPM2_MOUSE	14905	32931	667	30	18	Tropomyosin beta chain
TPM3_MOUSE	5660	33031	331	22	8	Tropomyosin alpha-3 chain
TRDN_MOUSE	1159	77967	89	7	7	Triadin
TRFE_MOUSE	1915	78841	93	14	14	Serotransferrin
TRI72_MOUSE	2389	53695	117	13	13	Tripartite motif-containing protein 72
TSKS_MOUSE	62	64150	2	1	1	Testis-specific serine kinase substrate
TSP1_MOUSE	47	133555	1	1	1	Thrombospondin-1
TSP4_MOUSE	1378	108979	94	17	15	Thrombospondin-4
TT21A_MOUSE	21	150232	1	1	1	Tetratricopeptide repeat protein 21A
TUFT1_MOUSE	43	44720	3	1	1	Tuftelin
TXD16_MOUSE	36	92674	2	1	1	Thioredoxin domain-containing protein 16
UB2L3_MOUSE	54	18021	2	1	1	Ubiquitin-conjugating enzyme E2 L3
UB2V1_MOUSE	49	16458	4	2	2	Ubiquitin-conjugating enzyme E2 variant 1
UBA1_MOUSE	116	118931	7	2	2	Ubiquitin-like modifier-activating enzyme 1
UCP3_MOUSE	26	34288	1	1	1	Mitochondrial uncoupling protein 3
UCRI_MOUSE	925	29634	91	9	9	Cytochrome b-c1 complex subunit Rieske, mitochondrial
UGPA_MOUSE	1453	57115	69	8	8	UTP--glucose-1-phosphate uridylyltransferase
USMG5_MOUSE	1008	6434	39	2	2	Up-regulated during skeletal muscle growth protein 5
VAPA_MOUSE	325	28065	13	3	2	Vesicle-associated membrane protein-associated protein A
VAPB_MOUSE	417	27157	20	5	4	Vesicle-associated membrane protein-associated protein B
VAT1_MOUSE	39	43297	1	1	1	Synaptic vesicle membrane protein VAT-1 homolog
VDAC1_MOUSE	11305	32502	413	18	18	Voltage-dependent anion-selective channel protein 1
VDAC2_MOUSE	1708	32340	96	10	10	Voltage-dependent anion-selective channel protein 2
VDAC3_MOUSE	4289	31076	182	10	10	Voltage-dependent anion-selective channel protein 3
VIME_MOUSE	2803	53712	175	24	18	Vimentin
VINC_MOUSE	136	117215	13	3	3	Vinculin
VKORL_MOUSE	42	20051	2	1	1	Vitamin K epoxide reductase complex subunit 1-like protein 1
VTDB_MOUSE	404	55162	18	1	1	Vitamin D-binding protein
WDR1_MOUSE	83	67049	5	1	1	WD repeat-containing protein 1
WFS1_MOUSE	68	101597	6	3	3	Wolframin
WN10A_MOUSE	33	47793	4	1	1	Protein Wnt-10a
XIRP1_MOUSE	35	124096	2	1	1	Xin actin-binding repeat-containing protein 1
XPO5_MOUSE	75	139050	23	1	1	Exportin-5

XXLT1_MOUSE	119	44266	19	1	1	Xyloside xylosyltransferase 1
YBOX3_MOUSE	449	38790	23	4	4	Y-box-binding protein 3
ZFY26_MOUSE	24	287343	2	1	1	Zinc finger FYVE domain-containing protein 26
ZFY27_MOUSE	250	47483	36	1	1	Protrudin
ZN692_MOUSE	31	60228	3	1	1	Zinc finger protein 692