

Supplemental Table 1. Summary list of the 965 non-redundant proteins identified in six iTRAQ 8plex analyses. All listed proteins were identified at an instantaneous false discovery rate of < 5.0%.

Accession #	Protein Name
gi 461731	10 kDa heat shock protein, mitochondrial (Hsp10) (10 kDa chaperonin) (CPN10)
gi 61216932	14-3-3 protein epsilon; Short=14-3-3E; AltName: Full=Mitochondrial import stimulation factor L subunit; Short=MSF L
gi 37748456	2,4-dienoyl CoA reductase 1, mitochondrial [Rattus norvegicus]
gi 67476443	2,4-dienoyl-CoA reductase, mitochondrial precursor (2,4-dienoyl-CoA reductase [NADPH]) (4-enoyl-CoA reductase [NADPH])
gi 81918195	28S ribosomal protein S25, mitochondrial; Short=S25mt; AltName: Full=MRP-S25
gi 81883712	2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (Alpha-ketoglutarate dehydrogenase)
gi 161784344	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial; AltName: Full=Branched-chain alpha-keto acid dehydrogenase E1 component beta chain; Short=BCKDH E1-beta; Flags: Precursor
gi 57333	3-2trans-enoyl-CoA isomerase [Rattus norvegicus]
gi 38511566	3-hydroxy-3-methylglutaryl-Coenzyme A lyase [Rattus norvegicus]
gi 7387724	3-hydroxyacyl-CoA dehydrogenase type-2 (3-hydroxyacyl-CoA dehydrogenase type II) (Type II HADH) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase)
gi 83977457	3-hydroxyisobutyrate dehydrogenase [Rattus norvegicus]
gi 149046212	3-hydroxyisobutyryl-Coenzyme A hydrolase [Rattus norvegicus]
gi 38511566	3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase [Rattus norvegicus]
gi 213972556	3-oxoacyl-ACP synthase, mitochondrial [Rattus norvegicus]
gi 78099320	4-trimethylaminobutyraldehyde dehydrogenase (TMABADH) (Aldehyde dehydrogenase family 9 member A1)
gi 730581	60S acidic ribosomal protein P0; AltName: Full=L10E
gi 51704206	60S ribosomal protein L7
gi 91234898	84 kDa heat shock protein [Rattus norvegicus]
gi 310113	88kDa protein
gi 11067445	A kinase (PRKA) anchor protein 14 [Rattus norvegicus]
gi 33086478	Ab1-205 [Rattus norvegicus]
gi 10799949	ABC2 [Rattus norvegicus]
gi 32264613	Ac1164 [Rattus norvegicus]
gi 32527715	Ac2-048 [Rattus norvegicus]
gi 8392836	acetyl-coenzyme A acetyltransferase 1 [Rattus norvegicus]
gi 149027156	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase), isoform CRA_f [Rattus norvegicus]
gi 6978431	acetyl-Coenzyme A dehydrogenase, long-chain [Rattus norvegicus]
gi 8392833	acetyl-coenzyme A dehydrogenase, medium chain [Rattus norvegicus]
gi 48734846	Acetyl-Coenzyme A dehydrogenase, short chain [Rattus norvegicus]
gi 81885370	Acid ceramidase; Short=AC; AltName: Full=Acylsphingosine deacylase; AltName: Full=N-acylsphingosine amidohydrolase; Flags: Precursor
gi 60391194	Aconitate hydratase, mitochondrial precursor (Citrate hydro-lyase) (Aconitase)
gi 77993370	actin alpha cardiac 1 [Rattus norvegicus]

gi 77993368	acyl-CoA synthetase family member 2 [Rattus norvegicus]
gi 25742739	acyl-CoA synthetase long-chain family member 1 [Rattus norvegicus]
gi 157818027	acyl-CoA synthetase short-chain family member 1 [Rattus norvegicus]
gi 157817043	acyl-CoA thioesterase 13 [Rattus norvegicus]
gi 62078649	acyl-CoA thioesterase 9 [Rattus norvegicus]
gi 197313734	acyl-Coenzyme A dehydrogenase family, member 9 [Rattus norvegicus]
gi 48734846	Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain [Rattus norvegicus]
gi 56541110	Acyl-Coenzyme A dehydrogenase, very long chain [Rattus norvegicus]
gi 6166586	Acyl-coenzyme A thioesterase 2, mitochondrial precursor (Acyl-CoA thioesterase 2) (Acyl coenzyme A thioester hydrolase) (Very-long-chain acyl-CoA thioesterase) (MTE-I) (ART1St/p43)
gi 157823677	adaptor-related protein complex 2, alpha 1 subunit [Rattus norvegicus]
gi 77020256	adenylate kinase 2 isoform b [Rattus norvegicus]
gi 32189355	ADP/ATP translocase 1 (Adenine nucleotide translocator 1) (ANT 1) (ADP,ATP carrier protein 1) (Solute carrier family 25 member 4) - Rattus norvegicus (Rat)
gi 728810	ADP/ATP translocase 2 (Adenine nucleotide translocator 2) (ANT 2) (ADP,ATP carrier protein 2) (Solute carrier family 25 member 5)
gi 149036808	ADP-ribosylation factor-like 6 interacting protein 5, isoform CRA_b [Rattus norvegicus]
gi 81890516	ADP-ribosylation factor-like protein 8B
gi 58865636	ADP-ribosyltransferase 3 [Rattus norvegicus]
gi 149064526	AFG3(ATPase family gene 3)-like 2 (yeast) [Rattus norvegicus]
gi 77628163	AHNAK 1 [Rattus norvegicus]
gi 40352787	Ak3 protein [Rattus norvegicus]
gi 197927423	aldehyde dehydrogenase 4A1 [Rattus norvegicus]
gi 149031525	aldehyde dehydrogenase family 5, subfamily A1 [Rattus norvegicus]
gi 55605	aldehyde dehydrogenase preprotein [Rattus norvegicus]
gi 61556894	aldo-keto reductase family 1, member B10 (aldose reductase) [Rattus norvegicus]
gi 6978487	aldolase A [Rattus norvegicus]
gi 149067833	aldolase A, isoform CRA_e [Rattus norvegicus]
gi 77539778	alpha actinin 4 [Rattus norvegicus]
gi 83300423	Alpha-2-macroglobulin receptor-associated protein; Short=Alpha-2-MRAP; AltName: Full=Low density lipoprotein receptor-related protein-associated protein 1; Short=RAP; AltName: Full=Gp330-binding 45 kDa protein; Flags: Precursor
gi 744592	alpha-B crystallin
gi 6981184	alpha-methylacyl-CoA racemase [Rattus norvegicus]
gi 206050	alpha-propionyl-CoA carboxylase (EC 6.4.1.3)
gi 31543764	alpha-spectrin 2 [Rattus norvegicus]
gi 7673021	aminopeptidase A [Rattus norvegicus]
gi 56585074	Angiotensinogen (serpin peptidase inhibitor, clade A, member 8) [Rattus norvegicus]
gi 157822539	ankyrin 1, erythrocytic [Rattus norvegicus]
gi 58865414	annexin A11 [Rattus norvegicus]
gi 9845234	annexin A2 [Rattus norvegicus]
gi 6978503	annexin A3 [Rattus norvegicus]
gi 55742832	annexin A4 [Rattus norvegicus]
gi 6978505	annexin A5 [Rattus norvegicus]
gi 763181	annexin VI [Rattus norvegicus]

gi 6103726	antioxidant enzyme B166 [Rattus norvegicus]
gi 48734834	Anxa6 protein [Rattus norvegicus]
gi 62078943	apolipoprotein O-like [Rattus norvegicus]
gi 7619915	apoptosis-inducing factor [Rattus norvegicus]
gi 6978527	aquaporin 1 [Rattus norvegicus]
gi 149061047	aspartate-beta-hydroxylase (predicted), isoform CRA_a [Rattus norvegicus]
gi 55249793	Asph_predicted protein [Rattus norvegicus]
gi 54145376	ATP synthase F0 subunit 8 [Rattus norvegicus]
gi 83300587	ATP synthase subunit alpha, mitochondrial precursor
gi 54792127	ATP synthase subunit beta mitochondrial precursor
gi 461587	ATP synthase subunit e, mitochondrial
gi 543880	ATP synthase subunit O, mitochondrial precursor (Oligomycin sensitivity conferral protein) (OSCP)
gi 39645769	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit b, isoform 1 [Rattus norvegicus]
gi 8392939	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c, isoform 1 [Rattus norvegicus]
gi 9506411	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d [Rattus norvegicus]
gi 17978459	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E [Rattus norvegicus]
gi 16758388	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F6
gi 71681130	ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide [Rattus norvegicus]
gi 149029718	ATP synthase, H+ transporting, mitochondrial F1 complex, beta polypeptide, isoform CRA_a [Rattus norvegicus]
gi 149034587	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit, isoform CRA_b [Rattus norvegicus]
gi 34786049	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit [Rattus norvegicus]
gi 39930503	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma subunit [Rattus norvegicus]
gi 81908923	ATPase family AAA domain-containing protein 1
gi 77917538	ATPase family, AAA domain containing 3A [Rattus norvegicus]
gi 77917528	ATPase inhibitory factor 1 [Rattus norvegicus]
gi 8392935	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2 isoform a [Rattus norvegicus]
gi 6978543	ATPase, Na+/K+ transporting, alpha 1 polypeptide [Rattus norvegicus]
gi 50927657	ATPase, Na+/K+ transporting, beta 1 polypeptide [Rattus norvegicus]
gi 51315732	ATP-binding cassette sub-family A member 2; AltName: Full=ATP-binding cassette transporter 2; Short=ATP-binding cassette 2
gi 71152214	ATP-binding cassette sub-family B member 7, mitochondrial precursor (ATP-binding cassette transporter 7) (ABC transporter 7 protein)
gi 81910043	ATP-binding cassette sub-family B member 8, mitochondrial; Flags: Precursor
gi 149044979	AU RNA binding protein/enoyl-coenzyme A hydratase (predicted), isoform CRA_a [Rattus norvegicus]
gi 157822275	AU RNA binding protein/enoyl-Coenzyme A hydratase [Rattus norvegicus]
gi 48734836	Basal cell adhesion molecule [Rattus norvegicus]
gi 81882072	Basic leucine zipper and W2 domain-containing protein 2 (Brain development-related molecule 2)
gi 7709992	basigin isoform 2 [Rattus norvegicus]
gi 51704207	Basigin precursor (OX-47 antigen) (Glycoprotein CE9) (CD147 antigen)
gi 38512141	Bcat2 protein [Rattus norvegicus]
gi 58865450	Bcl2-associated athanogene 3 [Rattus norvegicus]
gi 56090628	BCS1-like [Rattus norvegicus]
gi 164448680	beta globin minor [Rattus norvegicus]

gi 55575	beta-actin [Rattus norvegicus]
gi 984679	beta-globin [Rattus norvegicus]
gi 81295385	biphenyl hydrolase-like (serine hydrolase) [Rattus norvegicus]
gi 8393948	bisphosphoglycerate mutase 2 [Rattus norvegicus]
gi 158187544	brain glycogen phosphorylase [Rattus norvegicus]
gi 730248	Brain protein 44 (Protein O-44)
gi 66911415	Brain protein 44-like [Rattus norvegicus]
gi 165971320	Branched chain keto acid dehydrogenase E1, beta polypeptide [Rattus norvegicus]
gi 77736548	branched chain ketoacid dehydrogenase E1, alpha polypeptide [Rattus norvegicus]
gi 924921	branched-chain alpha-ketoacid dehydrogenase kinase [Rattus norvegicus]
gi 3023378	Branched-chain-amino-acid aminotransferase, mitochondrial precursor (BCAT(m))
gi 55249666	Cadherin 13 [Rattus norvegicus]
gi 871525	Calcium binding protein [Rattus norvegicus]
gi 8393030	calcium channel, voltage-dependent, L type, alpha 1D subunit [Rattus norvegicus]
gi 149064377	calcium/calmodulin-dependent protein kinase II, alpha, isoform CRA_b [Rattus norvegicus]
gi 8394168	calmodulin 2 [Rattus norvegicus]
gi 543922	Calnexin precursor
gi 988307	calsequestrin
gi 47940716	Calsequestrin 2 [Rattus norvegicus]
gi 78099764	Calsequestrin-2 precursor (Calsequestrin, cardiac muscle isoform)
gi 76559925	calumenin isoform b [Rattus norvegicus]
gi 81894655	Carbonyl reductase 4
gi 5732982	carboxylesterase [Rattus norvegicus]
gi 62078513	carboxylesterase-like [Rattus norvegicus]
gi 205495	cardiac myosin light chain 2
gi 46577628	Cardiac phospholamban (PLB)
gi 59797483	Carnitine O-acetyltransferase (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT)
gi 6978705	carnitine palmitoyltransferase 2 [Rattus norvegicus]
gi 6978607	catalase [Rattus norvegicus]
gi 82830420	cathepsin B preproprotein [Rattus norvegicus]
gi 75773221	Cav1 protein [Rattus norvegicus]
gi 575380	caveolin [Rattus norvegicus]
gi 9506465	caveolin 3 [Rattus norvegicus]
gi 6978629	CD38 antigen [Rattus norvegicus]
gi 215275245	CDGSH iron sulfur domain-containing protein 1; AltName: Full=MitoNEET
gi 61889112	cell division cycle 42 [Rattus norvegicus]
gi 6707016	cell surface protein CD36 [Rattus norvegicus]
gi 12004240	ceramidase [Rattus norvegicus]
gi 93279231	Chain A, Crystal Structure Of Acyl-Coa Oxidase Complexed With 3-Oh- Dodecanoate
gi 28373861	Chain A, Crystal Structure Of Annexin V K27e Mutant
gi 33356830	Chain A, Crystal Structures Of Class Mu Chimeric Gst Isoenzymes M1-2 And M2-1
gi 6435548	Chain B, Crystal Structure Of A Mammalian 2-Cys Peroxiredoxin, Hbp23.

gi 158430780	Chain B, Crystal Structure Of Rat Carnitine Palmitoyltransferase 2 In Complex With R-3-(Hexadecanoylamino)-4-(Trimethylazaniumyl)butanoate
gi 1127276	Chain B, Crystal Structures Of Recombinant Rat Cathepsin B And A Cathepsin B-Inhibitor Complex: Implications For Structure- Based Inhibitor Design
gi 15826745	Chain B, Cypor-W677g
gi 3891605	Chain B, Rat Outer Mitochondrial Membrane Cytochrome B5
gi 158428856	Chain C, Rat Phosphatidylethanolamine-Binding Protein Containing The S153e Mutation In The Complex With O-Phosphorylethanolamine
gi 42543496	Chain D, Crystal Structure Of Mitochondrial Class Kappa Glutathione Transferase
gi 81882496	Chaperone activity of bc1 complex-like, mitochondrial precursor (Chaperone-ABC1-like) (aarF domain-containing protein kinase 3)
gi 400542	chaperonin 10, cpn10 [Rattus norvegicus=rats, liver, Peptide Mitochondrial, 101 aa]
gi 149059759	chaperonin subunit 8 (theta) (predicted), isoform CRA_a [Rattus norvegicus]
gi 313804	CHIP28 [Rattus norvegicus]
gi 1162964	cholesterol esterase
gi 221271973	Choline transporter-like protein 2; AltName: Full=Solute carrier family 44 member 2
gi 149049423	chromodomain helicase DNA binding protein 4, isoform CRA_b [Rattus norvegicus]
gi 157818991	ciliary rootlet coiled-coil [Rattus norvegicus]
gi 81902084	Citrate synthase, mitochondrial precursor
gi 56388799	Ckb protein [Rattus norvegicus]
gi 38541353	Ckm protein [Rattus norvegicus]
gi 56972641	Clybl protein [Rattus norvegicus]
gi 157823565	coenzyme Q10 homolog A [Rattus norvegicus]
gi 9506505	coenzyme Q3 homolog, methyltransferase [Rattus norvegicus]
gi 58865534	coenzyme Q6 homolog [Rattus norvegicus]
gi 149018471	coiled-coil domain containing 51 [Rattus norvegicus]
gi 157817757	coiled-coil domain containing 56 [Rattus norvegicus]
gi 81908659	Coiled-coil domain-containing protein 90B, mitochondrial; Flags: Precursor
gi 157817027	coiled-coil-helix-coiled-coil-helix domain containing 3 [Rattus norvegicus]
gi 157819769	coiled-coil-helix-coiled-coil-helix domain containing 6 [Rattus norvegicus]
gi 48675371	complement component 1, q subcomponent binding protein [Rattus norvegicus]
gi 46237589	complement component 4, gene 1 [Rattus norvegicus]
gi 227943	connexin 43
gi 149045496	copine III (predicted), isoform CRA_b [Rattus norvegicus]
gi 149018713	copine IV (predicted), isoform CRA_a [Rattus norvegicus]
gi 157823685	copine IV [Rattus norvegicus]
gi 157823539	copine VII [Rattus norvegicus]
gi 71051329	Coq3 protein [Rattus norvegicus]
gi 7446710	Coq7 protein homolog - rat
gi 207080032	COX assembly mitochondrial protein homolog [Rattus norvegicus]
gi 34849861	Cox6c protein [Rattus norvegicus]
gi 187469733	Cox7a2l protein [Rattus norvegicus]
gi 847719	CPTI like protein [Rattus norvegicus]
gi 6978661	creatine kinase, muscle [Rattus norvegicus]
gi 1213217	Cu/Zn superoxide dismutase [Rattus norvegicus]

gi 737713	Cys-rich protein CRP2
gi 223536	cytochrome b
gi 38303959	Cytochrome b5 reductase 3 [Rattus norvegicus]
gi 48735409	Cytochrome b5 type B (outer mitochondrial membrane) [Rattus norvegicus]
gi 149015875	cytochrome b-5, isoform CRA_e [Rattus norvegicus]
gi 81884378	Cytochrome b-c1 complex subunit 1, mitochondrial precursor (Ubiquinol-cytochrome-c reductase complex core protein 1) (Core protein I) (Complex III subunit 1)
gi 62511137	Cytochrome b-c1 complex subunit 6, mitochondrial precursor (Ubiquinol-cytochrome c reductase complex 11 kDa protein) (Cytochrome c1 non-heme 11 kDa protein)
gi 81865392	Cytochrome b-c1 complex subunit 8; AltName: Full=Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C; AltName: Full=Ubiquinol-cytochrome c reductase complex 9.5 kDa protein; AltName: Full=Complex III subunit VIII; AltName: Full=Complex III subunit 8; AltName: Full=Low molecular mass ubiquinone-binding protein
gi 9506509	Cytochrome c oxidase polypeptide VIc-2 (EC 1.9.3.1) - Rattus norvegicus (Rat)
gi 109499760	Cytochrome c oxidase polypeptide VIIa-liver/heart, mitochondrial precursor (EC 1.9.3.1) (Cytochrome c oxidase subunit VIIa-L) - Rattus norvegicus (Rat)
gi 6978693	Cytochrome c oxidase polypeptide VIII-heart, mitochondrial precursor (EC 1.9.3.1) (Cytochrome c oxidase subunit 8-1) - Rattus norvegicus (Rat)
gi 54145375	cytochrome c oxidase subunit 2 [Rattus norvegicus]
gi 16758362	Cytochrome c oxidase subunit 5B, mitochondrial precursor (EC 1.9.3.1) (Cytochrome c oxidase polypeptide Vb) (Cytochrome c oxidase subunit VIA*) - Rattus norvegicus (Rat)
gi 4502993	Cytochrome c oxidase subunit 7C, mitochondrial (EC 1.9.3.1) (Cytochrome c oxidase polypeptide VIIC) (Cytochrome c oxidase polypeptide VIIIA) (Fragment) - rCG44669, [Rattus norvegicus]
gi 8393180	cytochrome c oxidase subunit IV isoform 1 [Rattus norvegicus]
gi 55971	cytochrome c oxidase subunit Va preprotein [Rattus norvegicus]
gi 53237117	Cytochrome c oxidase subunit Vb [Rattus norvegicus]
gi 55992	cytochrome c oxidase subunit VIa (AA 1 - 118) [Rattus norvegicus]
gi 56025	cytochrome c oxidase subunit VIIa [Rattus norvegicus]
gi 149050558	cytochrome c oxidase subunit VIIa polypeptide 2 like (predicted), isoform CRA_d [Rattus norvegicus]
gi 65301490	cytochrome c oxidase subunit VIIb [Rattus norvegicus]
gi 24233541	cytochrome c oxidase, subunit Va [Rattus norvegicus]
gi 223718723	cytochrome c oxidase, subunit VIb polypeptide 1 [Rattus norvegicus]
gi 197927439	cytochrome c oxidase, subunit VIIC [Rattus norvegicus]
gi 6978725	cytochrome c, somatic [Rattus norvegicus]
gi 6978727	cytochrome c, testis [Rattus norvegicus]
gi 149066116	cytochrome c-1 (predicted), isoform CRA_c [Rattus norvegicus]
gi 729378	Cytoplasmic dynein 1 heavy chain 1; AltName: Full=Cytoplasmic dynein heavy chain 1; AltName: Full=Dynein heavy chain, cytosolic; AltName: Full=MAP 1C
gi 81884348	Cytosol aminopeptidase (Leucine aminopeptidase) (LAP) (Leucyl aminopeptidase) (Leucine aminopeptidase 3) (Proline aminopeptidase) (Prolyl aminopeptidase)
gi 97048478	D-2-hydroxyglutarate dehydrogenase, mitochondrial; Flags: Precursor
gi 68837285	D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor (BDH) (3-hydroxybutyrate dehydrogenase)
gi 56057	decorin [Rattus norvegicus]
gi 457929	delta subunit of F1F0 ATPase [Rattus norvegicus]
gi 6015047	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial precursor
gi 149068155	demethyl-Q 7, isoform CRA_c [Rattus norvegicus]
gi 157819621	deoxyguanosine kinase [Rattus norvegicus]

gi 56605642	diablo [Rattus norvegicus]
gi 54261671	Diazepam binding inhibitor [Rattus norvegicus]
gi 158749632	dihydrolipoamide branched chain transacylase E2 [Rattus norvegicus]
gi 195927000	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) [Rattus norvegicus]
gi 149025179	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex), isoform CRA_a [Rattus norvegicus]
gi 81885266	Dihydrolipoyl dehydrogenase, mitochondrial precursor (Dihydrolipoamide dehydrogenase)
gi 62512126	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial; AltName: Full=Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex; Short=E2; AltName: Full=E2K; Flags: Precursor
gi 56676360	dihydroorotate dehydrogenase [Rattus norvegicus]
gi 84370227	DnaJ (Hsp40) homolog, subfamily A, member 3 isoform 1 [Rattus norvegicus]
gi 171847074	DnaJ (Hsp40) homolog, subfamily C, member 11 [Rattus norvegicus]
gi 62078983	DnaJ (Hsp40) homolog, subfamily C, member 28 [Rattus norvegicus]
gi 51260621	Dodecenoyl-coenzyme A delta isomerase [Rattus norvegicus]
gi 294543	dynein heavy chain
gi 729378	Dynein heavy chain 1, cytoplasmic 1 (Cytoplasmic dynein heavy chain 1) (Dynein heavy chain, cytosolic) (MAP 1C)
gi 157823277	dysferlin [Rattus norvegicus]
gi 157817181	dystonin [Rattus norvegicus]
gi 81918167	E2-induced gene 5 protein homolog
gi 203992	EF-1-alpha
gi 81910618	EH domain-containing protein 1
gi 67846074	EH-domain containing 2 [Rattus norvegicus]
gi 53237076	EH-domain containing 4 [Rattus norvegicus]
gi 81884360	Electron transfer flavoprotein subunit beta (Beta-ETF)
gi 57527204	electron transferring flavoprotein, alpha polypeptide [Rattus norvegicus]
gi 52138635	electron-transferring-flavoprotein dehydrogenase [Rattus norvegicus]
gi 50402096	Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1)
gi 310102	elongation factor G
gi 585084	Elongation factor G 1, mitochondrial; AltName: Full=mEF-G 1; AltName: Full=Elongation factor G1; Flags: Precursor
gi 190359305	Elongation factor Tu, mitochondrial; Flags: Precursor
gi 77917570	endonuclease G [Rattus norvegicus]
gi 60688521	Endoplasmic reticulum protein 29 [Rattus norvegicus]
gi 38649320	Eno1 protein [Rattus norvegicus]
gi 59808815	Enolase 1, alpha [Rattus norvegicus]
gi 157821153	enoyl Coenzyme A hydratase domain containing 2 [Rattus norvegicus]
gi 462371	Epoxide hydrolase 2; AltName: Full=Soluble epoxide hydrolase; Short=SEH; AltName: Full=Epoxide hydratase; AltName: Full=Cytosolic epoxide hydrolase; Short=CEH
gi 83302472	ES1 protein homolog, mitochondrial precursor
gi 71051349	Eukaryotic translation elongation factor 1 gamma [Rattus norvegicus]
gi 8393296	eukaryotic translation elongation factor 2 [Rattus norvegicus]
gi 91207082	Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D)
gi 81883744	Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial precursor

gi 55926145	expressed in non-metastatic cells 2 [Rattus norvegicus]
gi 81907767	Extended-synaptotagmin-1 (E-Syt1) (Membrane-bound C2 domain-containing protein) (vp115) (Protein FAM62A)
gi 68067388	Ezrin; AltName: Full=p81; AltName: Full=Cytovillin; AltName: Full=Villin-2
gi 203033	F1-ATPase beta subunit
gi 54261546	Fabp4 protein [Rattus norvegicus]
gi 72255551	family with sequence similarity 82, member B [Rattus norvegicus]
gi 204080	fatty acid binding protein
gi 399362	Fatty aldehyde dehydrogenase; AltName: Full=Aldehyde dehydrogenase family 3 member A2; AltName: Full=Aldehyde dehydrogenase 4; AltName: Full=Microsomal aldehyde dehydrogenase; Short=msALDH
gi 157823017	ferrochelatase [Rattus norvegicus]
gi 187469197	Fis1 protein [Rattus norvegicus]
gi 149051312	FK506 binding protein 3 (predicted), isoform CRA_b [Rattus norvegicus]
gi 206725535	FK506 binding protein 3, 25kDa [Rattus norvegicus]
gi 81907626	Four and a half LIM domains protein 1; Short=FHL-1
gi 6978487	fructose-bisphosphate aldolase A [Rattus norvegicus]
gi 227665	fumarase
gi 204188	fumarase precursor (EC 4.2.1.2)
gi 73919838	Fumarylacetoacetate hydrolase domain-containing protein 1
gi 229784139	Fumarylacetoacetate hydrolase domain-containing protein 2
gi 209364562	FUN14 domain containing 2 [Rattus norvegicus]
gi 55250714	G elongation factor, mitochondrial 1 [Rattus norvegicus]
gi 984553	G protein beta 1 subunit [Rattus norvegicus]
gi 984555	G protein beta 2 subunit [Rattus norvegicus]
gi 62945328	glioblastoma amplified sequence [Rattus norvegicus]
gi 46485440	glucose phosphate isomerase [Rattus norvegicus]
gi 81892272	Glucose-6-phosphate isomerase; Short=GPI; AltName: Full=Phosphoglucose isomerase; Short=PGI; AltName: Full=Phosphohexose isomerase; Short=PHI; AltName: Full=Autocrine motility factor; Short=AMF; AltName: Full=Neuroleukin; Short=NLK
gi 92090591	Glutamate dehydrogenase 1, mitochondrial precursor (GDH) (Memory-related protein 2) (MRG-2)
gi 38197390	Glutamate oxaloacetate transaminase 1 [Rattus norvegicus]
gi 6980972	glutamate oxaloacetate transaminase 2 [Rattus norvegicus]
gi 157823513	glutaredoxin 5 [Rattus norvegicus]
gi 157820807	glutaryl-Coenzyme A dehydrogenase [Rattus norvegicus]
gi 68138297	glutathione peroxidase [Rattus norvegicus]
gi 208969735	glutathione S-transferase alpha 3 [Rattus norvegicus]
gi 28933457	glutathione S-transferase mu 2 [Rattus norvegicus]
gi 9798638	glyceraldehyde-3-phosphate dehydrogenase [Rattus norvegicus]
gi 6980978	glycerol-3-phosphate dehydrogenase 2 [Rattus norvegicus]
gi 67464954	Glycine cleavage system H protein, mitochondrial precursor
gi 204421	glycogen phosphorylase
gi 506417	glypican
gi 9506737	GNAS complex locus gnas1-a [Rattus norvegicus]
gi 228008392	GNAS complex locus XLas [Rattus norvegicus]

gi 90101325	Growth arrest and DNA-damage-inducible proteins-interacting protein 1
gi 54400718	growth hormone inducible transmembrane protein [Rattus norvegicus]
gi 67678103	GrpE-like 1, mitochondrial [Rattus norvegicus]
gi 8394152	GTP-binding protein alpha o [Rattus norvegicus]
gi 9837357	GTP-binding protein RAB11B [Rattus norvegicus]
gi 9837359	GTP-binding protein RAB7 [Rattus norvegicus]
gi 55562877	Guanine nucleotide binding protein (G protein), beta polypeptide 3 [Rattus norvegicus]
gi 71089913	guanine nucleotide binding protein alpha inhibiting 2 [Rattus norvegicus]
gi 116248090	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas (Adenylate cyclase-stimulating G alpha protein) (G-alpha-8) (Extra large alphas protein) (XLalphas)
gi 94400790	heat shock 27kDa protein 1 [Rattus norvegicus]
gi 38303969	Heat shock 70kDa protein 5 (glucose-regulated protein) [Rattus norvegicus]
gi 149017200	heat shock 70kDa protein 9A (predicted) [Rattus norvegicus]
gi 56383	heat shock protein (hsp60) precursor [Rattus norvegicus]
gi 55778012	Heat shock protein 1 (chaperonin) [Rattus norvegicus]
gi 38303969	Heat shock protein 5 [Rattus norvegicus]
gi 71051777	Heat shock protein 8 [Rattus norvegicus]
gi 6016271	Heat shock protein beta-6 (HspB6) (Heat shock 20 kDa-like protein p20)
gi 157822045	hedgehog acyltransferase-like [Rattus norvegicus]
gi 122529	Hemoglobin subunit beta-2; AltName: Full=Hemoglobin beta-2 chain; AltName: Full=Beta-2-globin; AltName: Full=Hemoglobin beta chain, minor-form
gi 57114340	hemoglobin, epsilon 1 [Rattus norvegicus]
gi 76096336	heterogeneous nuclear ribonucleoprotein D-like [Rattus norvegicus]
gi 224493240	Heterogeneous nuclear ribonucleoproteins A2/B1; Short=hnRNP A2 / hnRNP B1
gi 9506505	hexaprenyldihydroxybenzoate methyltransferase [Rattus norvegicus]
gi 6981022	hexokinase 1 [Rattus norvegicus]
gi 149038691	hexokinase 1, isoform CRA_a [Rattus norvegicus]
gi 149038692	hexokinase 1, isoform CRA_b [Rattus norvegicus]
gi 149038696	hexokinase 1, isoform CRA_f [Rattus norvegicus]
gi 149038698	hexokinase 1, isoform CRA_h [Rattus norvegicus]
gi 149038699	hexokinase 1, isoform CRA_i [Rattus norvegicus]
gi 149038700	hexokinase 1, isoform CRA_j [Rattus norvegicus]
gi 7549765	hexokinase 2 [Rattus norvegicus]
gi 31077132	histidine rich calcium binding protein [Rattus norvegicus]
gi 149055944	histidine rich calcium binding protein, isoform CRA_a [Rattus norvegicus]
gi 164565401	histidine triad nucleotide binding protein 2 [Rattus norvegicus]
gi 204595	histone (H1d)
gi 149036647	histone cell cycle regulation defective interacting protein 5 (predicted), isoform CRA_a [Rattus norvegicus]
gi 90101451	Histone H2A type 1
gi 90101452	Histone H2A type 3
gi 149045539	hormone-regulated proliferation associated protein 20, isoform CRA_b [Rattus norvegicus]
gi 9624483	hormone-regulated proliferation-associated 20 kDa protein short form [Rattus norvegicus]
gi 951425	housekeeping protein

gi 48734844	Hsd17b4 protein [Rattus norvegicus]
gi 7387725	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial precursor (Short chain 3-hydroxyacyl-CoA dehydrogenase) (HCDH) (Medium and short chain L-3-hydroxyacyl-coenzyme A dehydrogenase)
gi 60688124	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), alpha subunit [Rattus norvegicus]
gi 71043858	hydroxysteroid dehydrogenase like 2 [Rattus norvegicus]
gi 149034665	hyperpolarization activated cyclic nucleotide-gated potassium channel 2 [Rattus norvegicus]
gi 25742571	hyperpolarization activated cyclic nucleotide-gated potassium channel 4 [Rattus norvegicus]
gi 16758108	hyperpolarization-activated cyclic nucleotide-gated potassium channel 1 [Rattus norvegicus]
gi 50511301	Hyperpolarization-activated, cyclic nucleotide-gated cation channel 2 [Rattus norvegicus]
gi 149041846	hyperpolarization-activated, cyclic nucleotide-gated K ⁺ 4 [Rattus norvegicus]
gi 157786934	hypothetical protein LOC288740 [Rattus norvegicus]
gi 157787020	hypothetical protein LOC289278 [Rattus norvegicus]
gi 157822043	hypothetical protein LOC293888 [Rattus norvegicus]
gi 158262028	hypothetical protein LOC294231 [Rattus norvegicus]
gi 157820437	hypothetical protein LOC304488 [Rattus norvegicus]
gi 157821769	hypothetical protein LOC309912 [Rattus norvegicus]
gi 149022761	hypothetical protein LOC311254 [Rattus norvegicus]
gi 157819345	hypothetical protein LOC313776 [Rattus norvegicus]
gi 197387058	hypothetical protein LOC316085 [Rattus norvegicus]
gi 197384675	hypothetical protein LOC361224 [Rattus norvegicus]
gi 157823715	hypothetical protein LOC361466 [Rattus norvegicus]
gi 62079055	hypothetical protein LOC361596 [Rattus norvegicus]
gi 157818283	hypothetical protein LOC361805 [Rattus norvegicus]
gi 157817757	hypothetical protein LOC498000 [Rattus norvegicus]
gi 62945328	hypothetical protein LOC498174 [Rattus norvegicus]
gi 157823940	hypothetical protein LOC500384 [Rattus norvegicus]
gi 157817241	hypothetical protein LOC500694 [Rattus norvegicus]
gi 155369672	hypothetical protein LOC500874 [Rattus norvegicus]
gi 224177516	hypothetical protein LOC501923 [Rattus norvegicus]
gi 77993368	hypothetical protein LOC619561 [Rattus norvegicus]
gi 157822175	hypothetical protein LOC681418 [Rattus norvegicus]
gi 157824057	hypothetical protein LOC688717 [Rattus norvegicus]
gi 68534712	Hypoxanthine phosphoribosyltransferase 1 [Rattus norvegicus]
gi 77404380	hypoxia up-regulated 1 [Rattus norvegicus]
gi 395945	III beta-1 globin [Rattus norvegicus]
gi 395941	III beta-2 globin [Rattus norvegicus]
gi 395943	III beta-3 globin [Rattus norvegicus]
gi 81884566	Immunity-related GTPase family M protein
gi 77917546	inner membrane protein, mitochondrial [Rattus norvegicus]
gi 149036390	inner membrane protein, mitochondrial, isoform CRA_a [Rattus norvegicus]
gi 158303324	integrin beta 1 [Rattus norvegicus]
gi 520566	integrin beta-1 subunit

gi 68565369	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor (Isocitric dehydrogenase) (NAD(+)-specific ICDH)
gi 68051964	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial precursor (Isocitric dehydrogenase) (NAD(+)-specific ICDH)
gi 6166247	Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (Isocitric dehydrogenase) (NAD(+)-specific ICDH)
gi 62079055	isocitrate dehydrogenase 2 (NADP+), mitochondrial [Rattus norvegicus]
gi 149041704	isocitrate dehydrogenase 3 (NAD+) alpha, isoform CRA_f [Rattus norvegicus]
gi 6981112	isovaleryl Coenzyme A dehydrogenase [Rattus norvegicus]
gi 83816931	junctophilin 2 [Rattus norvegicus]
gi 83776543	kinesin family member 5B [Rattus norvegicus]
gi 149026113	kynurenine aminotransferase III, isoform CRA_a [Rattus norvegicus]
gi 81861882	Kynurenine--oxoglutarate transaminase 3 (Kynurenine--oxoglutarate transaminase III) (Kynurenine aminotransferase III) (KATIII) (Cysteine-S-conjugate beta-lyase 2)
gi 157820173	L-2-hydroxyglutarate dehydrogenase [Rattus norvegicus]
gi 8393706	lactate dehydrogenase A [Rattus norvegicus]
gi 6981146	lactate dehydrogenase B [Rattus norvegicus]
gi 453180	lamin A [Rattus norvegicus]
gi 6981142	laminin, beta 2 [Rattus norvegicus]
gi 54035563	Ldb3 protein [Rattus norvegicus]
gi 9845261	lectin, galactose binding, soluble 1 [Rattus norvegicus]
gi 8132353	legumain [Rattus norvegicus]
gi 687712	lens epithelial protein
gi 62510718	Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial precursor
gi 81871846	Leucine-rich PPR motif-containing protein, mitochondrial precursor (130 kDa leucine-rich protein) (LRP 130) (Leucine rich protein 157) (rLRP157)
gi 20138455	Leucyl-cystinyl aminopeptidase; Short=Cystinyl aminopeptidase; AltName: Full=Oxytocinase; Short=OTase; AltName: Full=Insulin-regulated membrane aminopeptidase; AltName: Full=Insulin-responsive aminopeptidase; Short=IRAP; AltName: Full=Placental leucine aminopeptidase; Short=P-LAP; AltName: Full=Vesicle protein of 165 kDa; Short=Vp165; AltName: Full=GP160
gi 6981168	lipoprotein lipase [Rattus norvegicus]
gi 42558929	Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3)
gi 8393706	L-lactate dehydrogenase A [Rattus norvegicus]
gi 6981146	L-lactate dehydrogenase B [Rattus norvegicus]
gi 60688224	LOC311254 protein [Rattus norvegicus]
gi 187960180	LOC685322 protein [Rattus norvegicus]
gi 81916424	Lon protease homolog, mitochondrial precursor (Lon protease-like protein) (LONP) (Mitochondrial ATP-dependent protease Lon) (Serine protease 15)
gi 6978431	long-chain acyl-CoA dehydrogenase [Rattus norvegicus]
gi 68341999	low molecular mass ubiquinone-binding protein [Rattus norvegicus]
gi 149062241	LRP16 protein [Rattus norvegicus]
gi 33150826	LRP16-like protein [Rattus norvegicus]
gi 37654248	LRRGT00016 [Rattus norvegicus]
gi 45478160	LRRGT00160 [Rattus norvegicus]
gi 157821015	lysine (K)-specific demethylase 5B [Rattus norvegicus]
gi 49256645	Major vault protein [Rattus norvegicus]

gi 81861572	Malate dehydrogenase, cytoplasmic (Cytosolic malate dehydrogenase)
gi 42476181	malate dehydrogenase, mitochondrial [Rattus norvegicus]
gi 149069021	malic enzyme 3, NADP(+)-dependent, mitochondrial (predicted), isoform CRA_a [Rattus norvegicus]
gi 157817153	malic enzyme 3, NADP(+)-dependent, mitochondrial [Rattus norvegicus]
gi 67460103	Malonyl-CoA decarboxylase, mitochondrial precursor (MCD)
gi 8928167	Mast cell protease 8; AltName: Full=Mast cell protease VIII; Short=rMCP-8; Short=rMCP-VIII; Flags: Precursor
gi 149031803	mediator of DNA damage checkpoint 1 [Rattus norvegicus]
gi 8392833	medium-chain acyl-CoA dehydrogenase [Rattus norvegicus]
gi 3449286	MEGF1 [Rattus norvegicus]
gi 55824737	Mercaptopyruvate sulfurtransferase [Rattus norvegicus]
gi 56605654	metaxin 2 [Rattus norvegicus]
gi 60552705	Methionyl aminopeptidase 2 [Rattus norvegicus]
gi 81883845	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor (3-methylcrotonyl-CoA carboxylase 2) (MCCase subunit beta)
gi 57528264	methylcrotonoyl-Coenzyme A carboxylase 1 (alpha) [Rattus norvegicus]
gi 400269	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor (MMSDH) (Malonate-semialdehyde dehydrogenase [acylating])
gi 157821869	methylmalonyl CoA epimerase [Rattus norvegicus]
gi 710563	MHC class I protein
gi 9755497	MHC class Ia protein [Rattus norvegicus]
gi 81909845	Microtubule-associated protein 4; Short=MAP-4
gi 207352	minor striated-muscle alpha tropomyosin
gi 2780408	MIPP65 [Rattus norvegicus]
gi 2497985	Mitochondrial 2-oxoglutarate/malate carrier protein (OGCP) (Solute carrier family 25 member 11)
gi 45737868	mitochondrial aldehyde dehydrogenase precursor [Rattus norvegicus]
gi 81170680	Mitochondrial antiviral-signaling protein; AltName: Full=Interferon-beta promoter stimulator protein 1; Short=IPS-1; AltName: Full=Virus-induced-signaling adapter
gi 165971637	Mitochondrial carrier homolog 2 (C. elegans) (predicted) [Rattus norvegicus]
gi 94711371	Mitochondrial fission 1 protein (Fis1 homolog) (rFis1) (Tetratricopeptide repeat protein 11) (TPR repeat protein 11)
gi 59800393	Mitochondrial import inner membrane translocase subunit Tim13
gi 90110082	Mitochondrial import inner membrane translocase subunit Tim9
gi 81911805	Mitochondrial import receptor subunit TOM70; AltName: Full=Translocase of outer membrane 70 kDa subunit; AltName: Full=Mitochondrial precursor proteins import receptor
gi 206597496	mitochondrial isoleucine tRNA synthetase [Rattus norvegicus]
gi 510110	mitochondrial long-chain 3-ketoacyl-CoA thiolase beta-subunit [Rattus norvegicus]
gi 239049264	mitochondrial malic enzyme 3 [Rattus norvegicus]
gi 56553296	mitochondrial OPA1 [Rattus norvegicus]
gi 599963	mitochondrial oxidative phosphorylation coupling factor 6 [Rattus norvegicus]
gi 55741522	mitochondrial protein, 18 kDa [Rattus norvegicus]
gi 149047539	mitochondrial protein, 18 kDa, isoform CRA_a [Rattus norvegicus]
gi 81912643	Mitochondrial Rho GTPase 2; Short=MIRO-2; AltName: Full=Ras homolog gene family member T2
gi 71361655	mitochondrial ribosomal protein L12 [Rattus norvegicus]
gi 71361649	mitochondrial ribosomal protein L19 [Rattus norvegicus]
gi 57164123	mitochondrial ribosomal protein L38 [Rattus norvegicus]

gi 67846004	mitochondrial ribosomal protein L40 [Rattus norvegicus]
gi 81295383	mitochondrial ribosomal protein L47 [Rattus norvegicus]
gi 157819459	mitochondrial ribosomal protein S2 [Rattus norvegicus]
gi 157817644	mitochondrial ribosomal protein S5 [Rattus norvegicus]
gi 32363196	Moesin (Membrane-organizing extension spike protein)
gi 149042266	moesin, isoform CRA_a [Rattus norvegicus]
gi 56971302	Mrps7 protein [Rattus norvegicus]
gi 1620451	multifunctional protein 2 [Rattus norvegicus]
gi 6978661	muscle creatine kinase [Rattus norvegicus]
gi 158138498	muscle glycogen phosphorylase [Rattus norvegicus]
gi 535069	muscle LIM protein [Rattus norvegicus]
gi 78099013	Myoglobin
gi 149057699	myomesin 2 [Rattus norvegicus]
gi 157824043	myosin binding protein C, cardiac [Rattus norvegicus]
gi 186659510	myosin, heavy polypeptide 6, cardiac muscle, alpha [Rattus norvegicus]
gi 6577099	myosin-Va [Rattus norvegicus]
gi 149025875	myozenin 2 (predicted), isoform CRA_a [Rattus norvegicus]
gi 446629	Na/Ca exchanger
gi 6978543	Na ⁺ /K ⁺ -ATPase alpha 1 subunit [Rattus norvegicus]
gi 81884377	NAD-dependent deacetylase sirtuin-5
gi 6981260	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 5 [Rattus norvegicus]
gi 157818537	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1 [Rattus norvegicus]
gi 149067155	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12 (predicted), isoform CRA_d [Rattus norvegicus]
gi 164565371	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12 [Rattus norvegicus]
gi 157817861	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2 [Rattus norvegicus]
gi 189085365	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 [Rattus norvegicus]
gi 194473636	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14) [Rattus norvegicus]
gi 149038913	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8 [Rattus norvegicus]
gi 157817556	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 [Rattus norvegicus]
gi 38454320	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 [Rattus norvegicus]
gi 157824071	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 3 [Rattus norvegicus]
gi 82617686	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4 [Rattus norvegicus]
gi 187469737	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8 [Rattus norvegicus]
gi 157822175	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10 [Rattus norvegicus]
gi 157822851	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11 [Rattus norvegicus]
gi 82617686	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 4, 15kDa [Rattus norvegicus]
gi 157823387	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 [Rattus norvegicus]
gi 157820465	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 [Rattus norvegicus]
gi 157823197	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7 [Rattus norvegicus]
gi 149066335	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9 (predicted) [Rattus norvegicus]
gi 157820787	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1 [Rattus norvegicus]
gi 57164133	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2 [Rattus norvegicus]

gi 58865384	NADH dehydrogenase (ubiquinone) Fe-S protein 2 [Rattus norvegicus]
gi 149022594	NADH dehydrogenase (ubiquinone) Fe-S protein 3 (predicted), isoform CRA_b [Rattus norvegicus]
gi 157817227	NADH dehydrogenase (ubiquinone) Fe-S protein 3 [Rattus norvegicus]
gi 68341995	NADH dehydrogenase (ubiquinone) Fe-S protein 4 [Rattus norvegicus]
gi 72086149	NADH dehydrogenase (ubiquinone) Fe-S protein 5b [Rattus norvegicus]
gi 56606108	NADH dehydrogenase (ubiquinone) Fe-S protein 7 [Rattus norvegicus]
gi 55741424	NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa [Rattus norvegicus]
gi 81882328	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial precursor (NADH-ubiquinone oxidoreductase 42 kDa subunit) (Complex I-42kD) (CI-42kD)
gi 52000746	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 11; AltName: Full=NADH-ubiquinone oxidoreductase subunit B14.7; AltName: Full=Complex I-B14.7; Short=CI-B14.7
gi 81882598	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial precursor (NADH-ubiquinone oxidoreductase 39 kDa subunit) (Complex I-39kD) (CI-39kD)
gi 83305118	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor (NADH-ubiquinone oxidoreductase 24 kDa subunit)
gi 81885576	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial precursor (NADH-ubiquinone oxidoreductase 9 kDa subunit) (Complex I-9kD) (CI-9kD)
gi 81890431	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; AltName: Full=NADH-ubiquinone oxidoreductase 49 kDa subunit; AltName: Full=Complex I-49kD; Short=CI-49kD; Flags: Precursor
gi 81889861	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial precursor (NADH-ubiquinone oxidoreductase 18 kDa subunit) (Complex I-18 kDa) (CI-18 kDa)
gi 54145382	NADH dehydrogenase subunit 5 [Rattus norvegicus]
gi 55741424	NADH dehydrogenase ubiquinone flavoprotein 1 precursor [Rattus norvegicus]
gi 854270	NADH subunit 2 [Rattus norvegicus]
gi 81882716	NADH-cytochrome b5 reductase 1; Short=b5R.1
gi 81884209	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor
gi 74353679	Ncam1 protein [Rattus norvegicus]
gi 163916626	Ndufa3 protein [Rattus norvegicus]
gi 163915993	Ndufa7 protein [Rattus norvegicus]
gi 165971299	Ndufs8_predicted protein [Rattus norvegicus]
gi 8515422	NEFA precursor [Rattus norvegicus]
gi 149041605	neural cell adhesion molecule 1, isoform CRA_a [Rattus norvegicus]
gi 61557127	nicotinamide nucleotide transhydrogenase [Rattus norvegicus]
gi 77628000	nitrilase family, member 2 [Rattus norvegicus]
gi 81888874	NLR family member X1; Flags: Precursor
gi 6822247	Nogo-A protein [Rattus norvegicus]
gi 6822249	Nogo-B protein [Rattus norvegicus]
gi 31377500	Nos2 nitric oxide synthase 2, inducible [Rattus norvegicus]
gi 7839520	NPW16 [Rattus norvegicus]
gi 48734832	NSFL1 (p97) cofactor (p47) [Rattus norvegicus]
gi 50582542	nucleolar protein 3 [Rattus norvegicus]
gi 55926145	nucleoside diphosphate kinase B [Rattus norvegicus]
gi 81883766	OCIA domain-containing protein 1
gi 157823089	oculocerebrorenal syndrome of Lowe [Rattus norvegicus]
gi 83405907	Optic atrophy 1 homolog (human) [Rattus norvegicus]

gi 37812499	optic atrophy 1-like protein [Rattus norvegicus]
gi 38181818	Ornithine aminotransferase (gyrate atrophy) [Rattus norvegicus]
gi 157819765	oxoglutarate dehydrogenase-like [Rattus norvegicus]
gi 535742	palmitoyl-protein thioesterase
gi 81912692	Paraplegin
gi 60551773	Park7 protein [Rattus norvegicus]
gi 8895958	PKD2.1 pyruvate dehydrogenase kinase 2 subunit variant p45 [Rattus norvegicus]
gi 54234052	peptidase (mitochondrial processing) alpha [Rattus norvegicus]
gi 51259291	Peptidase (mitochondrial processing) beta [Rattus norvegicus]
gi 56268806	Peptidylprolyl isomerase F (cyclophilin F) [Rattus norvegicus]
gi 56789700	Peroxiredoxin 1 [Rattus norvegicus]
gi 149040547	peroxiredoxin 3 [Rattus norvegicus]
gi 5902791	Peroxiredoxin-6; AltName: Full=Antioxidant protein 2; AltName: Full=1-Cys peroxiredoxin; Short=1-Cys PRX; AltName: Full=Acidic calcium-independent phospholipase A2; Short=aiPLA2; AltName: Full=Non-selenium glutathione peroxidase; Short=NSGPx; AltName: Full=Thiol-specific antioxidant protein
gi 90968642	peroxisomal 3-ketoacyl-CoA thiolase B [Rattus norvegicus]
gi 55741520	peroxisomal delta3, delta2-enoyl-Coenzyme A isomerase [Rattus norvegicus]
gi 6539658	peroxisomal phytanoyl-CoA hydroxylase [Rattus norvegicus]
gi 41350889	Pgam1 protein [Rattus norvegicus]
gi 67460102	Phosphatidate cytidyltransferase 2 (CDP-diglyceride synthetase 2) (CDP-diglyceride pyrophosphorylase 2) (CDP-diacylglycerol synthase 2)
gi 8393910	phosphatidylethanolamine binding protein [Rattus norvegicus]
gi 62825891	Phosphofructokinase, muscle [Rattus norvegicus]
gi 56585024	Phosphoglycerate kinase 1 [Rattus norvegicus]
gi 58865830	phosphoglycerate kinase 2 [Rattus norvegicus]
gi 8393948	phosphoglycerate mutase 2 [Rattus norvegicus]
gi 22654268	Phospholemman precursor (FXD domain-containing ion transport regulator 1)
gi 171846774	Phosphorylase, glycogen, muscle [Rattus norvegicus]
gi 157819139	pitrilysin metallopeptidase 1 [Rattus norvegicus]
gi 13540714	Plectin-1 (PLTN) (PCN) - Rattus norvegicus (Rat)
gi 157786694	polymerase I and transcript release factor [Rattus norvegicus]
gi 215277019	polyribonucleotide nucleotidyltransferase 1 [Rattus norvegicus]
gi 29840774	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 1
gi 83303515	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2
gi 29840771	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4
gi 38541053	Ppib protein [Rattus norvegicus]
gi 57012987	PRA1 family protein 3; AltName: Full=ADP-ribosylation factor-like protein 6-interacting protein 5; Short=ARL-6-interacting protein 5; Short=Aip-5; AltName: Full=Glutamate transporter EAAC1-interacting protein; AltName: Full=GTRAP3-18; AltName: Full=Prenylated Rab acceptor protein 2; AltName: Full=Protein JWa
gi 158706096	Pre-B-cell leukemia transcription factor-interacting protein 1 (Hematopoietic PBX-interacting protein)
gi 55855	precursor (AA -17 to 399) [Rattus norvegicus]
gi 56072	precursor polypeptide (AA -29 to 261) [Rattus norvegicus]
gi 109477268	PREDICTED: hypothetical protein [Rattus norvegicus]
gi 34882313	PREDICTED: hypothetical protein [Rattus norvegicus]

gi 109511985	PREDICTED: hypothetical protein [Rattus norvegicus]
gi 109461422	PREDICTED: similar to 2-oxoisovalerate dehydrogenase alpha subunit, mitochondrial precursor (Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain)
gi 109500332	PREDICTED: similar to 40S ribosomal protein S19 [Rattus norvegicus]
gi 109479357	PREDICTED: similar to 60S ribosomal protein L26 (Silica-induced gene 20 protein) (SIG-20) [Rattus norvegicus]
gi 109496563	PREDICTED: similar to 60S ribosomal protein L29 (P23) [Rattus norvegicus]
gi 62655567	PREDICTED: similar to 60S ribosomal protein L5 [Rattus norvegicus]
gi 109477257	PREDICTED: similar to 60S ribosomal protein L7a [Rattus norvegicus]
gi 109492380	PREDICTED: similar to Actin, cytoplasmic 2 (Gamma-actin) [Rattus norvegicus]
gi 109484416	PREDICTED: similar to Acyl-CoA dehydrogenase family member 8, mitochondrial precursor (ACAD-8) (Isobutyryl-CoA dehydrogenase) [Rattus norvegicus]
gi 109495979	PREDICTED: similar to acyl-Coenzyme A dehydrogenase family, member 10 [Rattus norvegicus]
gi 109479986	PREDICTED: similar to Adenylosuccinate synthetase isozyme 1 (Adenylosuccinate synthetase, muscle isozyme) (IMP--aspartate ligase 1) (AdSS 1) (AMPSase 1) isoform 1 [Rattus norvegicus]
gi 109507457	PREDICTED: similar to AFG3-like protein 2 (Paraplegin-like protein) [Rattus norvegicus]
gi 109463545	PREDICTED: similar to AHNAK nucleoprotein isoform 1 isoform 1 [Rattus norvegicus]
gi 109463553	PREDICTED: similar to AHNAK nucleoprotein isoform 1 isoform 3 [Rattus norvegicus]
gi 109463555	PREDICTED: similar to AHNAK nucleoprotein isoform 1 isoform 4 [Rattus norvegicus]
gi 34933197	PREDICTED: similar to Amine oxidase [flavin-containing] A (Monoamine oxidase type A) (MAO-A) [Rattus norvegicus]
gi 109496584	PREDICTED: similar to ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit f, isoform 2 [Rattus norvegicus]
gi 34873389	PREDICTED: similar to Bromodomain adjacent to zinc finger domain protein 1B (Williams-Beuren syndrome chromosome region 9 protein homolog) (WBR9) [Rattus norvegicus]
gi 109509021	PREDICTED: similar to C50H11.1 [Rattus norvegicus]
gi 62646841	PREDICTED: similar to Calcium-binding mitochondrial carrier protein Aralar2 (Mitochondrial aspartate glutamate carrier 2) (Solute carrier family 25 member 13) (Citrin) [Rattus norvegicus]
gi 109497479	PREDICTED: similar to CG2453-PA [Rattus norvegicus]
gi 109504491	PREDICTED: similar to CG8257-PA [Rattus norvegicus]
gi 109501666	PREDICTED: similar to Copine-6 (Copine VI) (Neuronal-copine) (N-copine) [Rattus norvegicus]
gi 109467443	PREDICTED: similar to cytochrome c oxidase, subunit VIb polypeptide 1 [Rattus norvegicus]
gi 109460686	PREDICTED: similar to Cytochrome c, somatic [Rattus norvegicus]
gi 34866853	PREDICTED: similar to cytochrome c-1 [Rattus norvegicus]
gi 109511686	PREDICTED: similar to Cytochrome c-type heme lyase (CCHL) (Holocytochrome c-type synthase) [Rattus norvegicus]
gi 109484674	PREDICTED: similar to dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) [Rattus norvegicus]
gi 27689593	PREDICTED: similar to eukaryotic translation initiation factor 5A2 [Rattus norvegicus]
gi 109501906	PREDICTED: similar to F11C1.5a [Rattus norvegicus]
gi 109476680	PREDICTED: similar to F-box and leucine-rich repeat protein 18 [Rattus norvegicus]
gi 109506889	PREDICTED: similar to FUN14 domain containing 2 isoform 1 [Rattus norvegicus]
gi 109507485	PREDICTED: similar to Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) [Rattus norvegicus]
gi 62661508	PREDICTED: similar to Granzyme-like protein II precursor (GLP 2) (Mast cell protease X) (rMCP-X) (rMCP-10) [Rattus norvegicus]
gi 109465883	PREDICTED: similar to GTP-binding protein ARD-1 (ADP-ribosylation factor domain protein 1) (Tripartite motif protein 23) isoform 1 [Rattus norvegicus]
gi 109464859	PREDICTED: similar to heat shock protein 8 [Rattus norvegicus]

gi 109462578	PREDICTED: similar to Hemoglobin beta-2 subunit (Hemoglobin beta-2 chain) (Beta-2-globin) (Hemoglobin beta chain, minor-form) [Rattus norvegicus]
gi 109500740	PREDICTED: similar to HESB like domain containing 1 [Rattus norvegicus]
gi 109512293	PREDICTED: similar to heterogeneous nuclear ribonucleoprotein D-like [Rattus norvegicus]
gi 109495090	PREDICTED: similar to High mobility group protein 1 (HMG-1) (High mobility group protein B1) (Amphoterin) (Heparin-binding protein p30) [Rattus norvegicus]
gi 109505801	PREDICTED: similar to Histone H1.2 (H1 VAR.1) (H1c) [Rattus norvegicus]
gi 109481624	PREDICTED: similar to hyperpolarization activated cyclic nucleotide-gated potassium channel 2 [Rattus norvegicus]
gi 109492192	PREDICTED: similar to Immature colon carcinoma transcript 1 protein precursor [Rattus norvegicus]
gi 109467571	PREDICTED: similar to inorganic pyrophosphatase 2 [Rattus norvegicus]
gi 109499222	PREDICTED: similar to isoleucine-tRNA synthetase 2, mitochondrial [Rattus norvegicus]
gi 62659497	PREDICTED: similar to Laminin gamma-1 chain precursor (Laminin B2 chain) [Rattus norvegicus]
gi 109497496	PREDICTED: similar to methylmalonic aciduria (cobalamin deficiency) type B homolog [Rattus norvegicus]
gi 62654757	PREDICTED: similar to Methylmalonyl-CoA mutase, mitochondrial precursor (MCM) (Methylmalonyl-CoA isomerase) [Rattus norvegicus]
gi 34854147	PREDICTED: similar to Mimitin, mitochondrial precursor (Myc-induced mitochondrial protein) (MMTN) [Rattus norvegicus]
gi 109465995	PREDICTED: similar to mitochondrial ribosomal protein S36 [Rattus norvegicus]
gi 109487640	PREDICTED: similar to Myomesin-1 (190 kDa titin-associated protein) (190 kDa connectin-associated protein) isoform 3 [Rattus norvegicus]
gi 109487638	PREDICTED: similar to Myomesin-1 (Skelemin) isoform 4 [Rattus norvegicus]
gi 109494303	PREDICTED: similar to Myosin heavy chain, cardiac muscle alpha isoform (MyHC-alpha) [Rattus norvegicus]
gi 109510177	PREDICTED: similar to Myristoylated alanine-rich C-kinase substrate (MARCKS) (Protein kinase C substrate 80 kDa protein) isoform 1 [Rattus norvegicus]
gi 109510179	PREDICTED: similar to Myristoylated alanine-rich C-kinase substrate (MARCKS) (Protein kinase C substrate 80 kDa protein) isoform 2 [Rattus norvegicus]
gi 27663138	PREDICTED: similar to NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14) [Rattus norvegicus]
gi 109463329	PREDICTED: similar to nudix-type motif 8 [Rattus norvegicus]
gi 109508838	PREDICTED: similar to peptide deformylase-like protein [Rattus norvegicus]
gi 109470341	PREDICTED: similar to PR-domain protein 11 [Rattus norvegicus]
gi 62651145	PREDICTED: similar to Protein C14orf159, mitochondrial precursor [Rattus norvegicus]
gi 109504423	PREDICTED: similar to Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (PDHE1-A type I) isoform 2 [Rattus norvegicus]
gi 109511883	PREDICTED: similar to Ras-related protein Rab-1B [Rattus norvegicus]
gi 109473424	PREDICTED: similar to rho guanine nucleotide exchange factor 5 isoform 1 [Rattus norvegicus]
gi 27664676	PREDICTED: similar to ribosomal protein L10 [Rattus norvegicus]
gi 109487199	PREDICTED: similar to ribosomal protein L21 [Rattus norvegicus]
gi 109474116	PREDICTED: similar to ribosomal protein S12 [Rattus norvegicus]
gi 109468922	PREDICTED: similar to Ribosome-binding protein 1 (Ribosome receptor protein) (mRRp) [Rattus norvegicus]
gi 109470915	PREDICTED: similar to Ribosome-binding protein 1 (Ribosome receptor protein) (mRRp) isoform 4 [Rattus norvegicus]
gi 34854800	PREDICTED: similar to solute carrier family 25 (mitochondrial carrier, Aralar), member 12 [Rattus norvegicus]
gi 109464795	PREDICTED: similar to solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31 [Rattus norvegicus]

gi 62664637	PREDICTED: similar to solute carrier family 25, member 5 [Rattus norvegicus]
gi 109505753	PREDICTED: similar to Succinate semialdehyde dehydrogenase (NAD(+)-dependent succinic semialdehyde dehydrogenase) isoform 2 [Rattus norvegicus]
gi 109472377	PREDICTED: similar to succinate-Coenzyme A ligase, GDP-forming, beta subunit [Rattus norvegicus]
gi 109487302	PREDICTED: similar to tensin [Rattus norvegicus]
gi 62663437	PREDICTED: similar to triosephosphate isomerase [Rattus norvegicus]
gi 34866011	PREDICTED: similar to ubiquinol-cytochrome c reductase binding protein [Rattus norvegicus]
gi 109466455	PREDICTED: similar to very-long-chain acyl-CoA dehydrogenase VLCAD homolog isoform 1 [Rattus norvegicus]
gi 62643343	PREDICTED: similar to very-long-chain acyl-CoA dehydrogenase VLCAD homolog isoform 2 [Rattus norvegicus]
gi 109493768	PREDICTED: similar to voltage-dependent anion channel 1 [Rattus norvegicus]
gi 109485628	PREDICTED: similar to zinc finger protein ZFP isoform 1 [Rattus norvegicus]
gi 55882	preprocathepsin D [Rattus norvegicus]
gi 206042	prepropionyl-CoA carboxylase (EC 6.4.1.3)
gi 73919297	Probable saccharopine dehydrogenase
gi 149043684	procollagen, type VI, alpha 2, isoform CRA_a [Rattus norvegicus]
gi 66911717	Prohibitin [Rattus norvegicus]
gi 76363296	Prohibitin-2 (B-cell receptor-associated protein BAP37) (BAP-37)
gi 47938987	Proline arginine-rich end leucine-rich repeat protein [Rattus norvegicus]
gi 6981324	prolyl 4-hydroxylase, beta polypeptide [Rattus norvegicus]
gi 51260066	Propionyl coenzyme A carboxylase, beta polypeptide [Rattus norvegicus]
gi 158303308	propionyl-coenzyme A carboxylase, alpha polypeptide [Rattus norvegicus]
gi 6981424	prosaposin [Rattus norvegicus]
gi 157822395	prostaglandin E synthase 2 [Rattus norvegicus]
gi 61098214	protease (prosome, macropain) 28 subunit, alpha [Rattus norvegicus]
gi 6981420	protease, serine, 2 [Rattus norvegicus]
gi 18202600	Proteasome activator complex subunit 1 (Proteasome activator 28 subunit alpha) (PA28alpha) (PA28a) (Activator of multicatalytic protease subunit 1) (11S regulator complex subunit alpha)
gi 81884895	Protein BAT5; AltName: Full=HLA-B-associated transcript 5
gi 38382858	Protein disulfide isomerase associated 3 [Rattus norvegicus]
gi 149023097	protein disulfide isomerase associated 3, isoform CRA_a [Rattus norvegicus]
gi 52345385	protein disulfide isomerase associated 6 [Rattus norvegicus]
gi 62296810	Protein disulfide-isomerase A6 precursor (Protein disulfide isomerase P5) (Calcium-binding protein 1) (CaBP1) (Thioredoxin domain-containing protein 7)
gi 56404680	Protein DJ-1 (Parkinson disease protein 7 homolog) (Contraception-associated protein 1) (Protein CAP1) (Fertility protein SP22)
gi 81868824	Protein HRPAP20; AltName: Full=Hormone-regulated proliferation-associated protein of 20 kDa homolog
gi 76880465	protein kinase C and casein kinase substrate in neurons 2 [Rattus norvegicus]
gi 71681475	Protein kinase C and casein kinase substrate in neurons 3 [Rattus norvegicus]
gi 81870080	Protein kinase C delta-binding protein; AltName: Full=Serum deprivation response factor-related gene product that binds to C-kinase; AltName: Full=Dithiolethione-inducible gene 2 protein; AltName: Full=D3T-inducible gene 2 protein; Short=DIG-2
gi 8570528	protein kinase inhibitor p58 [Rattus norvegicus]
gi 81883713	Protein midA homolog, mitochondrial; Flags: Precursor

gi 81867103	Protein NDRG2 (NDRG1-related protein) (Antidepressant-related protein ADRG123)
gi 81908633	Protein roghi homolog
gi 62201921	Prothymosin alpha [Rattus norvegicus]
gi 157787006	protoporphyrinogen oxidase [Rattus norvegicus]
gi 4336877	PRx III [Rattus norvegicus]
gi 81884356	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 2
gi 149025991	pyrophosphatase (inorganic) 2 (predicted), isoform CRA_a [Rattus norvegicus]
gi 209529636	pyrophosphatase (inorganic) 2 [Rattus norvegicus]
gi 929988	pyruvate carboxylase
gi 71051030	Pyruvate dehydrogenase (lipoamide) alpha 1 [Rattus norvegicus]
gi 56090293	pyruvate dehydrogenase (lipoamide) beta [Rattus norvegicus]
gi 71051030	Pyruvate dehydrogenase E1 alpha 1 [Rattus norvegicus]
gi 694003	pyruvate dehydrogenase kinase 2 subunit p45
gi 2772938	pyruvate dehydrogenase kinase isoenzyme 4 [Rattus norvegicus]
gi 59709473	pyruvate dehydrogenase kinase, isoenzyme 1 [Rattus norvegicus]
gi 157818167	pyruvate dehydrogenase phosphatase regulatory subunit [Rattus norvegicus]
gi 61889071	RAB10, member RAS oncogene family [Rattus norvegicus]
gi 158341664	RAB1B, member RAS oncogene family [Rattus norvegicus]
gi 149041665	radixin [Rattus norvegicus]
gi 54114993	RAP1A, member of RAS oncogene family [Rattus norvegicus]
gi 4079645	RAREG-2.1 [Rattus norvegicus]
gi 187469713	Ras homolog gene family, member C [Rattus norvegicus]
gi 157819711	ras homolog gene family, member T1 [Rattus norvegicus]
gi 54607147	ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) [Rattus norvegicus]
gi 54114993	RAS-related protein 1a [Rattus norvegicus]
gi 51338716	Ras-related protein Rab-1A
gi 81884468	Ras-related protein Rab-21
gi 548672	Ras-related protein Ral-B; Flags: Precursor
gi 149025373	rCG20813 [Rattus norvegicus]
gi 149063618	rCG21212, isoform CRA_a [Rattus norvegicus]
gi 149063233	rCG21222, isoform CRA_b [Rattus norvegicus]
gi 149063572	rCG21371 [Rattus norvegicus]
gi 149044859	rCG23240 [Rattus norvegicus]
gi 149063941	rCG23467, isoform CRA_a [Rattus norvegicus]
gi 149063938	rCG23609, isoform CRA_a [Rattus norvegicus]
gi 149063939	rCG23609, isoform CRA_b [Rattus norvegicus]
gi 149019064	rCG25255, isoform CRA_a [Rattus norvegicus]
gi 149018217	rCG25732, isoform CRA_d [Rattus norvegicus]
gi 149019127	rCG25985, isoform CRA_a [Rattus norvegicus]
gi 149022203	rCG26319 [Rattus norvegicus]
gi 149044044	rCG27771, isoform CRA_b [Rattus norvegicus]
gi 149065000	rCG28086, isoform CRA_a [Rattus norvegicus]

gi 149065250	rCG28178 [Rattus norvegicus]
gi 149026101	rCG28661, isoform CRA_b [Rattus norvegicus]
gi 149026104	rCG28661, isoform CRA_e [Rattus norvegicus]
gi 149049470	rCG29914, isoform CRA_b [Rattus norvegicus]
gi 149023886	rCG31129, isoform CRA_a [Rattus norvegicus]
gi 149024431	rCG31169, isoform CRA_c [Rattus norvegicus]
gi 149052642	rCG33456, isoform CRA_c [Rattus norvegicus]
gi 149054052	rCG33529, isoform CRA_c [Rattus norvegicus]
gi 149054664	rCG35339 [Rattus norvegicus]
gi 149047568	rCG36127, isoform CRA_c [Rattus norvegicus]
gi 149050263	rCG36968, isoform CRA_b [Rattus norvegicus]
gi 149035969	rCG38845, isoform CRA_b [Rattus norvegicus]
gi 149068563	rCG39884 [Rattus norvegicus]
gi 149038494	rCG41163 [Rattus norvegicus]
gi 149032791	rCG41951, isoform CRA_a [Rattus norvegicus]
gi 149029697	rCG42519, isoform CRA_a [Rattus norvegicus]
gi 149034885	rCG42655, isoform CRA_b [Rattus norvegicus]
gi 149045167	rCG43947 [Rattus norvegicus]
gi 149059204	rCG44686, isoform CRA_a [Rattus norvegicus]
gi 149028220	rCG45000 [Rattus norvegicus]
gi 149039410	rCG45400 [Rattus norvegicus]
gi 149039134	rCG45607, isoform CRA_a [Rattus norvegicus]
gi 149067319	rCG49111 [Rattus norvegicus]
gi 149017027	rCG49564, isoform CRA_a [Rattus norvegicus]
gi 149042653	rCG49803, isoform CRA_a [Rattus norvegicus]
gi 149032209	rCG50794, isoform CRA_a [Rattus norvegicus]
gi 149043237	rCG50929 [Rattus norvegicus]
gi 149016520	rCG50966 [Rattus norvegicus]
gi 149038276	rCG51296 [Rattus norvegicus]
gi 149056362	rCG54339, isoform CRA_c [Rattus norvegicus]
gi 149056475	rCG54610, isoform CRA_a [Rattus norvegicus]
gi 149029807	rCG56815, isoform CRA_b [Rattus norvegicus]
gi 149039657	rCG57294, isoform CRA_b [Rattus norvegicus]
gi 149041499	rCG58449, isoform CRA_a [Rattus norvegicus]
gi 149068224	rCG63717 [Rattus norvegicus]
gi 81883702	Receptor expression-enhancing protein 6; AltName: Full=Polyposis locus protein 1-like 1
gi 187469356	Reep5 protein [Rattus norvegicus]
gi 183985843	Reticulon 4 interacting protein 1 [Rattus norvegicus]
RRRRRgi 149048723	REVERSED acyl-Coenzyme A dehydrogenase family, member 9, isoform CRA_d [Rattus norvegicus]
RRRRRgi 157821067	REVERSED hect domain and RLD 2 [Rattus norvegicus]
RRRRRgi 149057242	REVERSED interferon stimulated exonuclease 20, isoform CRA_c [Rattus norvegicus]
RRRRRgi 109500095	REVERSED PREDICTED: similar to EH domain binding protein 1 [Rattus norvegicus]
RRRRRgi 109470060	REVERSED PREDICTED: similar to Myosin IIIB [Rattus norvegicus]

RRRRRgi 109494339	REVERSED PREDICTED: similar to pleckstrin homology-like domain, family B, member 2 [Rattus norvegicus]
RRRRRgi 109478634	REVERSED PREDICTED: similar to Protein C14orf102 homolog [Rattus norvegicus]
RRRRRgi 109470142	REVERSED PREDICTED: similar to titin isoform N2-B [Rattus norvegicus]
RRRRRgi 189181718	REVERSED proteoglycan 4 [Rattus norvegicus]
RRRRRgi 149031313	REVERSED rCG38907, isoform CRA_a [Rattus norvegicus]
RRRRRgi 81918143	REVERSED RecName: Full=Nucleoporin NUP85; AltName: Full=Nuclear pore complex protein Nup85; AltName: Full=Pericentrin-1
RRRRRgi 49036462	REVERSED RecName: Full=Roundabout homolog 1; Flags: Precursor
gi 197246361	RGD1310159 protein [Rattus norvegicus]
gi 81883710	Rho GDP-dissociation inhibitor 1; Short=Rho GDI 1; AltName: Full=Rho-GDI alpha
gi 736292	ribophorin I [Rattus norvegicus]
gi 71051098	Ribosomal protein L17 [Rattus norvegicus]
gi 37194821	Ribosomal protein S27a [Rattus norvegicus]
gi 8394224	ribosomal protein S6 [Rattus norvegicus]
gi 57143	ribosomal protein S9 [Rattus norvegicus]
gi 71795613	ribosomal protein, large P2 [Rattus norvegicus]
gi 56090277	ribosomal protein, large, P1 [Rattus norvegicus]
gi 71361655	ribosomal protein, mitochondrial, L12 [Rattus norvegicus]
gi 157820009	ring finger protein (C3H2C3 type) 6 [Rattus norvegicus]
gi 38511552	Rpl6 protein [Rattus norvegicus]
gi 165970894	Rps5 protein [Rattus norvegicus]
gi 1483574	RT1.A1(f) [Rattus norvegicus]
gi 166065422	ryanodine receptor 2 [Rattus norvegicus]
gi 189181710	ryanodine receptor 2, cardiac [Rattus norvegicus]
gi 1930136	ryanodine receptor type II [Rattus norvegicus]
gi 60551888	S100 calcium binding protein A10 [Rattus norvegicus]
gi 149042663	sarcalumenin (predicted), isoform CRA_a [Rattus norvegicus]
gi 149042664	sarcalumenin (predicted), isoform CRA_b [Rattus norvegicus]
gi 157823585	sarcoglycan, alpha [Rattus norvegicus]
gi 157819677	sarcolemma associated protein [Rattus norvegicus]
gi 189083744	sarcomeric mitochondrial creatine kinase [Rattus norvegicus]
gi 57303	sarcoplasmic reticulum 2+-Ca-ATPase [Rattus norvegicus]
gi 157786908	SCAN domain containing 3 [Rattus norvegicus]
gi 38197654	Scavenger receptor class B, member 2 [Rattus norvegicus]
gi 165971715	Sco1 protein [Rattus norvegicus]
gi 71043604	SEC22 vesicle trafficking protein homolog B [Rattus norvegicus]
gi 8393057	serine (or cysteine) peptidase inhibitor, clade H, member 1 [Rattus norvegicus]
gi 55824765	Serpinh1 protein [Rattus norvegicus]
gi 81884184	Serum deprivation-response protein; AltName: Full=Phosphatidylserine-binding protein
gi 157819737	seryl-tRNA synthetase 2 [Rattus norvegicus]
gi 77993298	signal sequence receptor, alpha [Rattus norvegicus]
gi 149058170	similar to Brain protein 44 (predicted), isoform CRA_b [Rattus norvegicus]
gi 166796499	Similar to DNA segment, Chr 10, ERATO Doi 214, expressed (predicted) [Rattus norvegicus]

gi 149031699	similar to FUN14 domain containing 2 (predicted) [Rattus norvegicus]
gi 149024296	similar to HT014 (predicted), isoform CRA_c [Rattus norvegicus]
gi 149047673	similar to oxoglutarate dehydrogenase (lipoamide), isoform CRA_d [Rattus norvegicus]
gi 149028159	similar to Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial precursor (Endopeptidase Clp) [Rattus norvegicus]
gi 149057580	similar to RIKEN cDNA 0710008K08 (predicted), isoform CRA_a [Rattus norvegicus]
gi 149033235	similar to RIKEN cDNA 2610022G08, isoform CRA_b [Rattus norvegicus]
gi 149055499	similar to RIKEN cDNA 9430083G14, isoform CRA_a [Rattus norvegicus]
gi 149055500	similar to RIKEN cDNA 9430083G14, isoform CRA_b [Rattus norvegicus]
gi 149067647	similar to tripartite motif protein 50 (predicted) [Rattus norvegicus]
gi 149065333	single-stranded DNA binding protein 1, isoform CRA_a [Rattus norvegicus]
gi 417812	Single-stranded DNA-binding protein, mitochondrial; Short=Mt-SSB; Short=MtSSB; AltName: Full=Single strand DNA-binding protein P16; Flags: Precursor
gi 149056444	sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae), isoform CRA_b [Rattus norvegicus]
gi 187469193	Sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae) [Rattus norvegicus]
gi 47718004	Slc25a3 protein [Rattus norvegicus]
gi 157821443	slingshot 1 [Rattus norvegicus]
gi 197246451	Slmap protein [Rattus norvegicus]
gi 78103170	Small muscular protein (Stretch-responsive skeletal muscle protein)
gi 5107153	small zinc finger-like protein [Rattus norvegicus]
gi 6980958	solute carrier family 2 , member 4 [Rattus norvegicus]
gi 52138624	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20 [Rattus norvegicus]
gi 149053213	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11, isoform CRA_c [Rattus norvegicus]
gi 8394297	solute carrier family 25, member 1 precursor [Rattus norvegicus]
gi 189027101	solute carrier family 25, member 42 [Rattus norvegicus]
gi 50054324	solute carrier family 27, member 1 [Rattus norvegicus]
gi 149050569	solute carrier family 8 (sodium/calcium exchanger), member 1, isoform CRA_a [Rattus norvegicus]
gi 78214331	solute carrier family 8, member 1 [Rattus norvegicus]
gi 81884480	Sorting and assembly machinery component 50 homolog
gi 157824057	SRA stem-loop-interacting RNA-binding protein [Rattus norvegicus]
gi 72255527	stomatin (Epb7.2)-like 2 [Rattus norvegicus]
gi 116242506	Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Heat shock 70 kDa protein 9) (Peptide-binding protein 74) (PBP74) (mtHSP70) (Mortalin)
gi 97537204	Striated muscle-specific serine/threonine-protein kinase; AltName: Full=Aortic preferentially expressed protein 1; AltName: Full=APEG-1
gi 51701366	Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial precursor (CybS) (Succinate-ubiquinone reductase membrane anchor subunit) (QPs3) (CII-4)
gi 52782765	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor (Fp) (Flavoprotein subunit of complex II)
gi 18426858	succinate dehydrogenase complex, subunit A, flavoprotein (Fp) [Rattus norvegicus]
gi 209915614	succinate dehydrogenase complex, subunit B, iron sulfur (Ip) [Rattus norvegicus]
gi 53850596	succinate dehydrogenase complex, subunit C [Rattus norvegicus]
gi 149040640	succinate dehydrogenase complex, subunit C, integral membrane protein, isoform CRA_d [Rattus norvegicus]
gi 158749584	succinate-Coenzyme A ligase, ADP-forming, beta subunit [Rattus norvegicus]

gi 16758586	succinate-Coenzyme A ligase, GDP-forming, alpha subunit [Rattus norvegicus]
gi 182676407	Succinate-semialdehyde dehydrogenase, mitochondrial; AltName: Full=NAD(+)-dependent succinic semialdehyde dehydrogenase; AltName: Full=Aldehyde dehydrogenase family 5 member A1; Flags: Precursor
gi 223634703	Succinyl-CoA ligase [GDP-forming] subunit alpha, mitochondrial; AltName: Full=Succinyl-CoA synthetase subunit alpha; Short=SCS-alpha; Flags: Precursor
gi 204356	succinyl-CoA synthetase alpha subunit (EC 6.2.1.4)
gi 205829936	Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial; AltName: Full=3-oxoacid-CoA transferase 1; AltName: Full=Somatic-type succinyl CoA:3-oxoacid CoA-transferase; Short=Scot-S; Flags: Precursor
gi 187469277	Sucla2 protein [Rattus norvegicus]
gi 71681082	Suclg2 protein [Rattus norvegicus]
gi 57241	sulfated glycoprotein 2 [Rattus norvegicus]
gi 209862751	sulfide quinone reductase-like [Rattus norvegicus]
gi 8394328	superoxide dismutase 1 [Rattus norvegicus]
gi 8394331	superoxide dismutase 2 [Rattus norvegicus]
gi 46237539	Tap-binding protein (Tapasin) [Rattus norvegicus]
gi 6981642	t-complex 1 [Rattus norvegicus]
gi 57354	TH2A histone [Rattus norvegicus]
gi 157817043	thioesterase superfamily member 2 [Rattus norvegicus]
gi 81888054	Thioesterase superfamily member 4
gi 34849734	Thioredoxin 1 [Rattus norvegicus]
gi 209915579	thioredoxin domain containing 13 [Rattus norvegicus]
gi 55250718	Thioredoxin reductase 2 [Rattus norvegicus]
gi 81883793	Thioredoxin-related transmembrane protein 2; AltName: Full=Thioredoxin domain-containing protein 14; Flags: Precursor
gi 83305808	Thiosulfate sulfurtransferase; AltName: Full=Rhodanese
gi 59896667	Threonyl-tRNA synthetase, cytoplasmic; AltName: Full=Threonine--tRNA ligase; Short=ThrRS
gi 73918915	TIM21-like protein, mitochondrial precursor
gi 5326787	tissue-type transglutaminase [Rattus norvegicus]
gi 84781723	TNF receptor-associated protein 1 [Rattus norvegicus]
gi 171846571	Tnnt2 protein [Rattus norvegicus]
gi 51858886	Tra1 protein [Rattus norvegicus]
gi 8393848	trans-2-enoyl-CoA reductase, mitochondrial [Rattus norvegicus]
gi 9963946	transcription factor A [Rattus norvegicus]
gi 149043808	transcription factor A, mitochondrial, isoform CRA_b [Rattus norvegicus]
gi 149034906	transformation/transcription domain-associated protein (predicted), isoform CRA_b [Rattus norvegicus]
gi 47605935	Transforming protein RhoA precursor
gi 149040761	transgelin 2, isoform CRA_b [Rattus norvegicus]
gi 641973	transitional endoplasmic reticulum ATPase
gi 60688577	Translocase of inner mitochondrial membrane 10 homolog (yeast) [Rattus norvegicus]
gi 8394449	translocase of inner mitochondrial membrane 44 homolog [Rattus norvegicus]
gi 71051674	Translocase of outer mitochondrial membrane 22 homolog (yeast) [Rattus norvegicus]
gi 8394449	translocator of inner mitochondrial membrane 44 [Rattus norvegicus]

gi 62906896	Transmembrane emp24 domain-containing protein 10 precursor (Transmembrane protein Tmp21) (21 kDa transmembrane-trafficking protein)
gi 81884639	Transmembrane protein 109 precursor (Mitsugumin-23) (Mg23)
gi 81882927	Transmembrane protein 126A
gi 157819597	transmembrane protein 143 [Rattus norvegicus]
gi 6851387	triadin 1 [Rattus norvegicus]
gi 6646852	triadin 95kDa [Rattus norvegicus]
gi 8650526	tricarboxylate carrier-like protein [Rattus norvegicus]
gi 160358756	Trimeric intracellular cation channel type A; Short=TRIC-A; Short=TRICA; AltName: Full=Transmembrane protein 38A; AltName: Full=27 kDa sarcoplasmic reticulum protein; AltName: Full=SPR-27
gi 538426	triosephosphate isomerase
gi 51980495	Tripeptidyl peptidase I [Rattus norvegicus]
gi 92090646	Tropomyosin alpha-1 chain; AltName: Full=Tropomyosin-1; AltName: Full=Alpha-tropomyosin
gi 8394469	troponin 1, type 3 [Rattus norvegicus]
gi 77627992	troponin C, cardiac/slow skeletal [Rattus norvegicus]
gi 203656	troponin T [Rattus norvegicus]
gi 6981666	troponin T2, cardiac [Rattus norvegicus]
gi 157820845	Tu translation elongation factor, mitochondrial [Rattus norvegicus]
gi 55976173	Tubulin alpha-1B chain; AltName: Full=Tubulin alpha-2 chain; AltName: Full=Alpha-tubulin 2
gi 81889864	Tubulin alpha-4A chain (Tubulin alpha-4 chain) (Alpha-tubulin 4)
gi 81892373	Tubulin beta-2C chain
gi 56754676	Tubulin beta-5 chain
gi 58865558	tubulin, alpha 1C [Rattus norvegicus]
gi 58865966	tumor rejection antigen gp96 [Rattus norvegicus]
gi 81674205	Txndc13 protein [Rattus norvegicus]
gi 9507245	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide [Rattus norvegicus]
gi 68085421	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide [Rattus norvegicus]
gi 55741544	ubiquinol cytochrome c reductase core protein 2 [Rattus norvegicus]
gi 189011657	ubiquinol-cytochrome c reductase binding protein [Rattus norvegicus]
gi 186910239	ubiquinol-cytochrome c reductase, 6.4kDa subunit [Rattus norvegicus]
gi 57114330	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1 [Rattus norvegicus]
gi 2851472	Ubiquinone biosynthesis protein COQ7 homolog; AltName: Full=Coenzyme Q biosynthesis protein 7 homolog; AltName: Full=Timing protein clk-1 homolog
gi 90111992	Ubiquinone biosynthesis protein COQ9, mitochondrial precursor
gi 7439591	ubiquitin / ribosomal protein L40, cytosolic [validated] - rat
gi 8394502	ubiquitin C [Rattus norvegicus]
gi 81883788	Uncharacterized protein C18orf19 homolog
gi 34784756	Unknown (protein for IMAGE:6890907) [Rattus norvegicus]
gi 195539898	Unknown (protein for IMAGE:7311701) [Rattus norvegicus]
gi 163916626	Unknown (protein for IMAGE:7937411) [Rattus norvegicus]
gi 165970950	Unknown (protein for MGC:187514) [Rattus norvegicus]
gi 165970894	Unknown (protein for MGC:187862) [Rattus norvegicus]
gi 165971287	Unknown (protein for MGC:187999) [Rattus norvegicus]

gi 163915993	Unknown (protein for MGC:188160) [Rattus norvegicus]
gi 165970759	Unknown (protein for MGC:188396) [Rattus norvegicus]
gi 1184696	unknown [Rattus norvegicus]
gi 829026	unknown protein [Rattus norvegicus]
gi 56256	unnamed protein product [Rattus norvegicus]
gi 55825	unnamed protein product [Rattus norvegicus]
gi 55729	unnamed protein product [Rattus norvegicus]
gi 56905	unnamed protein product [Rattus norvegicus]
gi 55985	unnamed protein product [Rattus norvegicus]
gi 1334284	unnamed protein product [Rattus norvegicus]
gi 56929	unnamed protein product [Rattus norvegicus]
gi 763179	unnamed protein product [Rattus norvegicus]
gi 56773	unnamed protein product [Rattus norvegicus]
gi 55544	unnamed protein product [Rattus norvegicus]
gi 81918167	UPF0389 protein FAM162A; AltName: Full=E2-induced gene 5 protein homolog
gi 81884088	UPF0598 protein C8orf82 homolog
gi 81868653	Up-regulated during skeletal muscle growth protein 5; AltName: Full=Diabetes-associated protein in insulin-sensitive tissues
gi 4240464	VAMP-associated protein B [Rattus norvegicus]
gi 76096306	vesicle amine transport protein 1 homolog (T californica) [Rattus norvegicus]
gi 149031250	vinculin (predicted), isoform CRA_a [Rattus norvegicus]
gi 205830826	Vinculin; AltName: Full=Metavinculin
gi 8810245	voltage-dependent anion channel 1 [Rattus norvegicus]
gi 8810247	voltage-dependent anion channel 2 [Rattus norvegicus]
gi 8810249	voltage-dependent anion channel 3 [Rattus norvegicus]
gi 157817316	zinc binding alcohol dehydrogenase, domain containing 2 [Rattus norvegicus]
gi 84781733	ZUBR1 [Rattus norvegicus]