

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
1,4-alpha-glucan branching enzyme	80393	IPI00296635.3	21.51	11
10 kDa heat shock protein, mitochondrial	10794	IPI00220362.4	89.109	18
10 kDa protein	9734	IPI00186338.1	62.791	6
101 kDa protein	101002	IPI00291316.4	5.381	2
116 kDa U5 small nuclear ribonucleoprotein component	109366	IPI00003519.1	24.794	14
12 kDa protein	11796	IPI00414954.1	38.889	2
124 kDa protein	123667	IPI00333558.3	10.372	7
125 kDa protein	124919	IPI00447101.2	4.242	3
130 kD Golgi-localized phosphoprotein	81831	IPI00004962.1	10.776	6
130 kDa leucine-rich protein	158826	IPI00329745.4	35.378	37
132 kDa protein	131489	IPI00243220.2	4.609	4
137 kDa protein	137059	IPI00218136.2	19.518	14
14-3-3 protein beta/alpha	27934	IPI00216318.4	69.388	21
14-3-3 protein epsilon	29155	IPI00000816.1	64.314	18
14-3-3 protein eta	28070	IPI00216319.2	46.122	14
14-3-3 protein gamma	28154	IPI00220642.4	56.504	14
14-3-3 protein sigma	27757	IPI00013890.1	9.677	2
14-3-3 protein tau	27747	IPI00018146.1	45.306	15
14-3-3 protein zeta/delta	27728	IPI00021263.3	71.837	20
15 kDa selenoprotein isoform 1 precursor	18033	IPI00030877.2	20	3
150 kDa oxygen-regulated protein precursor	111266	IPI00000877.1	57.257	49
154 kDa protein	153869	IPI00480157.1	6.576	5
175 kDa protein	174891	IPI00328318.5	2.932	4
18 kDa protein	18290	IPI00183568.1	37.58	6
18 kDa protein	17747	IPI00304459.2	44.654	4
182 kDa tankyrase 1-binding protein	181705	IPI00304589.3	12.84	16
2,4-dienoyl-CoA reductase, mitochondrial precursor	36045	IPI00003482.1	42.09	13
22 kDa protein	22190	IPI00042578.4	43.367	6
23 kDa protein	22588	IPI00183866.1	54.737	8
24 kDa protein	24371	IPI00396452.3	30.047	6
26S protease regulatory subunit 4	49154	IPI00011126.6	41.364	14
26S protease regulatory subunit 6A	49172	IPI00018398.4	57.403	19
26S protease regulatory subunit 7	48472	IPI00021435.2	56.019	25
26S protease regulatory subunit 8	45597	IPI00023919.4	60.591	21
26S protease regulatory subunit S10B	44145	IPI00021926.2	58.869	18
26S proteasome non-ATPase regulatory subunit 10	24412	IPI00003565.1	22.124	4
26S proteasome non-ATPase regulatory subunit 11	47303	IPI00105598.2	40.855	19

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26S proteasome non-ATPase regulatory subunit 12	52871	IPI00185374.2	24.561	8
26S proteasome non-ATPase regulatory subunit 13	42891	IPI00099585.5	28.723	8
26S proteasome non-ATPase regulatory subunit 14	34555	IPI00024821.1	52.258	10
26S proteasome non-ATPase regulatory subunit 2	107969	IPI00012268.2	29.453	21
26S proteasome non-ATPase regulatory subunit 3	60939	IPI00011603.2	34.831	17
26S proteasome non-ATPase regulatory subunit 5	56029	IPI00002134.3	30.219	12
26S proteasome non-ATPase regulatory subunit 6	45502	IPI00014151.3	22.622	9
26S proteasome non-ATPase regulatory subunit 7	37002	IPI00019927.2	26.852	6
26S proteasome non-ATPase regulatory subunit 8	29986	IPI00010201.3	18.288	2
28 kDa Golgi SNARE protein	28595	IPI00029447.3	29.2	3
28 kDa heat- and acid-stable phosphoprotein	20618	IPI00013297.1	40.331	10
28S ribosomal protein S18b, mitochondrial precursor	29377	IPI00022316.3	6.589	2
28S ribosomal protein S26, mitochondrial precursor	24197	IPI00006606.1	30.732	5
28S ribosomal protein S31, mitochondrial precursor	45273	IPI00294242.1	10.127	3
29 kDa protein	28806	IPI00377005.1	32.794	11
29 kDa protein	29013	IPI00015139.3	15.649	4
2-deoxyribose-5-phosphate aldolase homolog	36955	IPI00219677.3	14.583	3
2-hydroxyphytanoyl-CoA lyase	63687	IPI00296535.1	6.055	3
2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor	113403	IPI00098902.3	20.659	11
2-oxoisovalerate dehydrogenase alpha subunit, mitochondrial precursor	50439	IPI00025100.1	34.831	10
2-oxoisovalerate dehydrogenase beta subunit, mitochondrial precursor	43095	IPI00011276.1	8.929	2
2'-phosphodiesterase	67339	IPI00174390.2	12.151	5
30 kDa protein	29689	IPI00299103.2	12.791	2
30 kDa protein	29932	IPI00020472.1	5.364	2
30S ribosomal protein S7 homolog	28116	IPI00006440.2	18.182	3
33 kDa protein	32639	IPI00186101.3	5.629	2
3'-5' RNA exonuclease	85911	IPI00291165.3	2.937	2
39S ribosomal protein L11, mitochondrial precursor	20670	IPI00007001.1	23.438	3
39S ribosomal protein L12, mitochondrial precursor	21335	IPI00005537.2	66.667	15
39S ribosomal protein L13, mitochondrial	20679	IPI00022403.1	22.472	3
39S ribosomal protein L28, mitochondrial precursor	33842	IPI00172594.2	29.965	6
39S ribosomal protein L40, mitochondrial precursor	24475	IPI00099871.1	16.019	3
39S ribosomal protein L45, mitochondrial precursor	35328	IPI00185859.2	19.608	3
39S ribosomal protein L46, mitochondrial precursor	31685	IPI00023161.1	17.921	3
39S ribosomal protein L47, mitochondrial precursor	29559	IPI00030820.1	8.73	2
3-hydroxyisobutyrate dehydrogenase, mitochondrial precursor	35306	IPI00013860.3	43.452	17
3-hydroxyisobutyryl-Coenzyme A hydrolase, isoform 1	43382	IPI00419802.1	29.016	9

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3-ketoacyl-CoA thiolase, mitochondrial	41898	IPI00001539.8	67.003	23
3-ketoacyl-CoA thiolase, peroxisomal precursor	44264	IPI00012828.3	37.028	10
3-mercaptopyruvate sulfurtransferase	33027	IPI00165360.4	37.838	8
40 kDa peptidyl-prolyl cis-trans isomerase	40607	IPI00003927.4	17.886	3
40S ribosomal protein S10	18886	IPI00008438.1	58.788	10
40S ribosomal protein S11	18419	IPI00025091.1	37.342	10
40S ribosomal protein S12	14505	IPI00414922.3	45.455	6
40S ribosomal protein S13	17081	IPI00221089.4	53.333	11
40S ribosomal protein S14	16131	IPI00026271.2	40.667	7
40S ribosomal protein S15	16898	IPI00216153.4	68.056	9
40S ribosomal protein S15a	14699	IPI00221091.4	56.589	6
40S ribosomal protein S16	16304	IPI00221092.3	57.931	13
40S ribosomal protein S17	15409	IPI00221093.6	61.94	10
40S ribosomal protein S18	17708	IPI00013296.1	54.605	14
40S ribosomal protein S19	15919	IPI00215780.4	75.694	17
40S ribosomal protein S2	31305	IPI00013485.1	51.195	17
40S ribosomal protein S20	13364	IPI00012493.1	31.933	5
40S ribosomal protein S21	9106	IPI00017448.1	53.012	5
40S ribosomal protein S23	15667	IPI00218606.6	29.577	5
40S ribosomal protein S25	13734	IPI00012750.3	64.8	16
40S ribosomal protein S28	7836	IPI00012751.1	60.87	9
40S ribosomal protein S29	6541	IPI00182289.5	34.545	2
40S ribosomal protein S3	26671	IPI00011253.1	69.547	18
40S ribosomal protein S3a	29795	IPI00419880.3	45.247	13
40S ribosomal protein S4, X isoform	29448	IPI00217030.5	63.359	22
40S ribosomal protein S5	22862	IPI00008433.2	63.725	10
40S ribosomal protein S6	28663	IPI00021840.1	36.145	13
40S ribosomal protein S7	22113	IPI00013415.1	65.464	19
40S ribosomal protein S8	24059	IPI00216587.4	47.343	11
40S ribosomal protein S9	22447	IPI00221088.4	51.813	12
45 kDa calcium-binding protein precursor	41780	IPI00106646.1	46.685	10
4-aminobutyrate aminotransferase, mitochondrial precursor	56403	IPI00009532.4	43.2	13
4F2 cell-surface antigen heavy chain	57909	IPI00027493.1	43.1	20
4-trimethylaminobutyraldehyde dehydrogenase	53767	IPI00479877.3	26.721	15
50 kDa protein	50122	IPI00180730.1	23.16	8
50 kDa protein	49750	IPI00246022.3	11.184	6
5'-3' exoribonuclease 2	108513	IPI00100151.3	11.684	8

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54 kDa protein	53662	IPI00177890.2	6.992	2
55 kDa erythrocyte membrane protein	52264	IPI00215610.2	14.592	4
5'-AMP-activated protein kinase, catalytic alpha-1 chain	62754	IPI00011891.4	11.273	5
5-formyltetrahydrofolate cyclo-ligase	23110	IPI00220567.4	15.842	3
5-oxoprolinase	137371	IPI00418382.1	4.037	3
60 kDa heat shock protein, mitochondrial precursor	61174	IPI00472102.1	67.304	49
60S acidic ribosomal protein P0	34252	IPI00008530.1	49.527	16
60S acidic ribosomal protein P1	11507	IPI00008527.1	72.807	3
60S acidic ribosomal protein P2	11658	IPI00008529.1	85.217	13
60S ribosomal protein L10a	24684	IPI00412579.3	38.426	13
60S ribosomal protein L12	17808	IPI00024933.3	52.121	8
60S ribosomal protein L13	24115	IPI00465361.3	44.762	18
60S ribosomal protein L13a	23431	IPI00304612.6	38.119	10
60S ribosomal protein L14	23144	IPI00002821.3	36.321	9
60S ribosomal protein L15	25281	IPI00375511.3	33.953	7
60S ribosomal protein L18	21490	IPI00215719.5	42.246	12
60S ribosomal protein L18a	20749	IPI00026202.1	24.432	5
60S ribosomal protein L19	23451	IPI00025329.1	45.408	15
60S ribosomal protein L22	14647	IPI00219153.3	21.26	4
60S ribosomal protein L23	14856	IPI00010153.1	35	6
60S ribosomal protein L23a	17684	IPI00021266.1	33.333	5
60S ribosomal protein L24	17768	IPI00306332.4	42.675	9
60S ribosomal protein L26	17248	IPI00027270.1	40	9
60S ribosomal protein L27	15657	IPI00219155.2	48.889	7
60S ribosomal protein L28	15607	IPI00182533.4	38.971	9
60S ribosomal protein L29	17610	IPI00419919.4	15.823	2
60S ribosomal protein L3	45949	IPI00550021.3	45.771	19
60S ribosomal protein L30	12645	IPI00219156.2	35.088	3
60S ribosomal protein L31	14454	IPI00026302.3	48	7
60S ribosomal protein L34	13153	IPI00219160.2	26.724	3
60S ribosomal protein L35a	12530	IPI00029731.8	12.727	2
60S ribosomal protein L36	12115	IPI00216237.4	23.077	4
60S ribosomal protein L36a-like	12330	IPI00056494.4	10.476	3
60S ribosomal protein L37	10940	IPI00220871.3	35.417	4
60S ribosomal protein L37a	10137	IPI00414860.5	29.67	2
60S ribosomal protein L38	8082	IPI00215790.5	57.971	4
60S ribosomal protein L4	47667	IPI00003918.4	48.712	23

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60S ribosomal protein L5	34295	IPI00000494.4	40.203	19
60S ribosomal protein L6	32577	IPI00329389.5	48.084	20
60S ribosomal protein L7	29207	IPI00030179.3	33.468	11
60S ribosomal protein L7a	29846	IPI00299573.9	16.981	7
60S ribosomal protein L8	27876	IPI00012772.5	40.625	12
60S ribosomal protein L9	21850	IPI00031691.1	30.208	10
65 kDa Yes-associated protein	48725	IPI00009326.1	16.74	3
67 kDa protein	67415	IPI00479737.1	5.591	2
6-phosphofructo-2-kinase/fructose-2,6-biphosphat ase 3	60304	IPI00004511.2	7.985	4
6-phosphofructokinase	81723	IPI00219585.2	18.024	9
6-phosphofructokinase, type C	85542	IPI00009790.1	24.235	21
6-phosphogluconate dehydrogenase, decarboxylating	52975	IPI00219525.9	46.473	17
6-phosphogluconolactonase	27530	IPI00029997.1	51.163	11
72 kDa protein	71754	IPI00258514.3	16.667	15
78 kDa glucose-regulated protein precursor	72288	IPI00003362.1	60.55	55
80 kDa nuclear cap binding protein	91781	IPI00019380.1	4.304	2
9 kDa protein	9395	IPI00142830.2	26.744	2
A kinase	47598	IPI00073769.2	9.469	3
A6 related protein	39523	IPI00027257.1	34.384	6
Aac11	59275	IPI00006684.1	33.144	12
AAIR8193	29140	IPI00394809.1	28.731	5
AarF domain containing kinase 4	60031	IPI00171777.1	6.066	2
Acetolactate synthase	67825	IPI00554541.1	22.785	9
Acetyl-CoA acetyltransferase, cytosolic	41324	IPI00291419.5	36.02	8
Acetyl-CoA acetyltransferase, mitochondrial precursor	45171	IPI00030363.1	70.726	32
Acetyl-CoA carboxylase 1	264872	IPI00011569.1	1.705	3
Acetylserotonin O-methyltransferase-like	69693	IPI00003119.1	3.18	2
Acid ceramidase precursor	44621	IPI00013698.1	12.152	2
Acid phosphatase 1 isoform c	18031	IPI00219861.1	33.544	6
Acid phosphatase 6, lysophosphatidic	48823	IPI00099838.2	8.411	4
Acid sphingomyelinase-like phosphodiesterase 3b precursor	51896	IPI00021560.1	8.387	3
Acidic leucine-rich nuclear phosphoprotein 32 family member A	28568	IPI00025849.1	34.137	9
Acidic leucine-rich nuclear phosphoprotein 32 family member B	28770	IPI00007423.1	31.474	8
Acidic leucine-rich nuclear phosphoprotein 32 family member E	30674	IPI00165393.1	13.433	4
Aconitate hydratase, mitochondrial precursor	85372	IPI00017855.1	50.641	39
ACSL3 protein	80368	IPI00401055.1	17.222	8
Actin, aortic smooth muscle	41982	IPI00008603.1	49.337	16

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Actin, cytoplasmic 1	41710	IPI00021439.1	51.467	21
Actin-bundling protein with BAIAP2 homology	79880	IPI00418374.1	5.489	3
Actin-like protein 2	44732	IPI00005159.2	38.832	11
Actin-like protein 3	47341	IPI00028091.1	52.392	14
Actin-like protein 6B	46847	IPI00007776.1	3.521	2
Actin-related protein 2/3 complex subunit 1A	41557	IPI00333068.3	17.568	6
Actin-related protein 3-beta	47577	IPI00007068.1	11.005	4
Activated RNA polymerase II transcriptional coactivator p15	14255	IPI00221222.4	34.921	9
Activating signal cointegrator 1	66204	IPI00018840.5	9.639	3
Activating transcription factor 2	54504	IPI00234446.1	7.525	2
Activator 1 37 kDa subunit	39657	IPI00017381.1	7.163	2
Activator of 90 kDa heat shock protein ATPase homolog 1	38250	IPI00030706.1	17.751	4
Activity-dependent neuroprotector	123485	IPI00022215.1	5.172	4
Acyl carrier protein, mitochondrial precursor	17406	IPI00022442.2	11.538	2
Acylamino-acid-releasing enzyme	81173	IPI00337741.4	14.617	8
Acyl-CoA dehydrogenase family member 9, mitochondrial precursor	68717	IPI00152981.1	21.9	11
Acyl-CoA dehydrogenase, medium-chain specific, mitochondrial precursor	46559	IPI00005040.1	58.907	23
Acyl-CoA dehydrogenase, short/branched chain specific, mitochondrial precursor	47455	IPI00024623.3	40.741	13
Acyl-CoA dehydrogenase, short-chain specific, mitochondrial precursor	44269	IPI00027701.3	22.33	7
Acyl-Coenzyme A binding domain containing 5	60054	IPI00186681.11	7.865	3
Acyl-coenzyme A oxidase 3, peroxisomal	77504	IPI00020226.1	3.429	2
Acylphosphatase, organ-common type isozyme	11123	IPI00221117.2	21.429	2
Acyl-protein thioesterase 2	24721	IPI00027032.1	25.541	3
AD025	17190	IPI00307547.1	13.605	2
AD033	38441	IPI00026448.1	27.778	4
ADAM 10 precursor	84088	IPI00013897.1	11.096	5
ADAMTS-7 precursor	109624	IPI00007692.1	4.714	2
Adapter-related protein complex 1 gamma 2 subunit	87062	IPI00027178.1	2.42	2
Adapter-related protein complex 2 alpha 2 subunit	104087	IPI00016621.5	21.573	13
Adapter-related protein complex 3 mu 1 subunit	46909	IPI00032459.1	14.115	2
Adapter-related protein complex 3 mu 2 subunit	46947	IPI00022883.1	5.981	2
Adapter-related protein complex 3 sigma 1 subunit	21718	IPI00014624.1	15.544	2
Adapter-related protein complex 3 sigma 2 subunit	22003	IPI00025115.1	13.99	2
Adapter-related protein complex 1, mu 1 subunit	48556	IPI00032516.3	19.858	4
Adenine phosphoribosyltransferase	19464	IPI00218693.7	51.397	8
Adenosine monophosphate deaminase 2	101789	IPI00007722.2	10.562	7
Adenosylhomocysteinase	47554	IPI00012007.5	25.058	10

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Adenylate kinase 2 isoform A	26461	IPI00215901.1	18.828	5
Adenylate kinase 2 isoform c	22251	IPI00172460.1	71.287	13
Adenylate kinase isoenzyme 1	21607	IPI00018342.4	77.32	14
Adenylate kinase isoenzyme 4, mitochondrial	25252	IPI00016568.1	11.659	2
Adenylosuccinate synthetase 2	50066	IPI00026833.4	10.088	3
Adenylyl cyclase-associated protein 1	51510	IPI00008274.3	70.253	29
Adhesion regulating molecule 1 precursor	42127	IPI00033030.2	6.634	2
Adipocyte plasma membrane-associated protein	46451	IPI00031131.4	29.327	9
Adipophilin	48045	IPI00293307.1	35.927	12
Adipose most abundant gene transcript 2	7850	IPI00020017.1	78.947	2
ADIR1	46169	IPI00301631.3	10.327	2
ADM precursor	20408	IPI00017968.1	16.216	2
ADP,ATP carrier protein, fibroblast isoform	32743	IPI00007188.4	49.832	15
ADP,ATP carrier protein, heart/skeletal muscle isoform T1	32912	IPI00022891.2	8.418	3
ADP,ATP carrier protein, liver isoform T2	32714	IPI00291467.4	22.896	6
ADPRHL2 protein	38923	IPI00015865.4	25.895	5
ADP-ribosylation factor 1	20553	IPI00215914.2	35.556	7
ADP-ribosylation factor 4	20367	IPI00215918.2	56.983	6
ADP-ribosylation factor 5	20386	IPI00215919.4	27.933	4
ADP-ribosylation factor binding protein GGA2	67134	IPI00296772.3	3.915	2
ADP-ribosylation factor GTPase-activating protein 3	56893	IPI00299263.5	27.907	10
ADP-ribosylation factor-like 10B	21402	IPI00060031.3	23.118	3
ADP-ribosylation factor-like protein 1	20404	IPI00219518.5	19.337	3
ADP-ribosylation factor-like protein 3	20443	IPI00003327.1	46.703	6
ADP-sugar pyrophosphatase	24312	IPI00296913.1	20.548	5
Afamin precursor	69024	IPI00019943.1	5.843	2
AFG3-like protein 2	88428	IPI00001091.3	23.588	16
Aflatoxin B1 aldehyde reductase member 2	39564	IPI00305978.4	27.298	11
Aflatoxin B1 aldehyde reductase member 3	37183	IPI00293721.3	22.961	7
Agrin precursor	214749	IPI00374563.2	2.396	3
AH receptor-interacting protein	37640	IPI00010460.1	40	9
A-kinase anchor protein-like protein 8	71835	IPI00297455.4	7.87	2
A-kinase anchoring protein	307714	IPI00065931.1	2.13	3
Alanyl-tRNA synthetase	106734	IPI00027442.3	39.153	27
Alcohol dehydrogenase	36419	IPI00220271.2	58.333	17
Alcohol dehydrogenase beta chain	39698	IPI00473031.5	28.342	9
Alcohol dehydrogenase gamma chain	39711	IPI00465343.2	18.717	7

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Aldehyde dehydrogenase 16 family, member A1	85060	IPI00217920.3	12.968	8
Aldehyde dehydrogenase 1A2, isoform 2	53026	IPI00169288.3	5.833	2
Aldehyde dehydrogenase 1A3	56073	IPI00026663.2	14.258	5
Aldehyde dehydrogenase family 7 member A1	55200	IPI00221234.4	38.431	13
Aldehyde dehydrogenase X, mitochondrial precursor	57181	IPI00103467.3	31.335	12
Aldehyde dehydrogenase, mitochondrial precursor	56346	IPI00006663.1	41.393	18
ALDH1L1 protein	55359	IPI00158280.3	5.743	2
Aldo-keto reductase family 1 member B10	35998	IPI00105407.1	28.797	5
Aldo-keto reductase family 1 member C1	36765	IPI00029733.1	15.17	4
Aldo-keto reductase family 1 member C3	36821	IPI00291483.3	62.229	16
Aldose reductase	35699	IPI00413641.6	38.413	8
ALEX1	49150	IPI00009908.1	15.894	4
Alkyldihydroxyacetonephosphate synthase, peroxisomal precursor	72866	IPI00010349.1	13.374	5
All-trans-13,14-dihydroretinol saturase	66763	IPI00296157.5	7.705	3
Alpha 3 type VI collagen isoform 1 precursor	343457	IPI00022200.2	2.298	4
Alpha 3 type VI collagen isoform 3 precursor	321802	IPI00072917.2	25.025	54
Alpha crystallin B chain	20146	IPI00021369.1	42.286	6
Alpha enolase	47008	IPI00465248.4	70.208	49
Alpha-1 catenin	100009	IPI00215948.4	39.625	31
Alpha-1-antichymotrypsin precursor	50596	IPI00550991.1	29.241	13
Alpha-1-antitrypsin precursor	46707	IPI00553177.1	57.656	26
Alpha-2-macroglobulin receptor-associated protein precursor	41441	IPI00026848.1	38.375	12
Alpha-actinin 1	102993	IPI00013508.3	41.592	34
Alpha-actinin 4	104788	IPI00013808.1	70.362	62
Alpha-actinin-2 associated LIM protein	34245	IPI00167134.2	35.759	7
Alpha-amylase 2B precursor	57673	IPI00021447.1	7.436	2
Alpha-centractin	42587	IPI00029468.1	30.319	8
Alpha-internexin	55357	IPI00001453.2	22.445	10
Alpha-mannosidase II	131001	IPI00003802.1	9.003	5
Alpha-N-acetylgalactosaminidase precursor	46534	IPI00414909.1	13.625	3
Alpha-N-acetylglucosaminidase precursor	82115	IPI00008787.3	8.614	4
Alpha-soluble NSF attachment protein	33225	IPI00009253.1	36.61	8
Alpha-taxilin	61853	IPI00470779.2	25.824	10
Amidophosphoribosyltransferase precursor	57362	IPI00029534.1	6.383	2
Amine oxidase [flavin-containing] A	59644	IPI00008483.1	23.909	9
Amine oxidase [flavin-containing] B	58594	IPI00328156.8	22.543	10
Aminoacylase-1	45856	IPI00009268.1	8.578	2



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Aminomethyltransferase, mitochondrial precursor	43918	IPI00299300.1	14.392	4
Aminopeptidase B	73451	IPI00100496.4	23.556	12
Aminopeptidase N	109312	IPI00221224.4	26.19	21
Amino-terminal enhancer of split isoform c	21828	IPI00395597.1	14.286	2
Amyloid protein-binding protein 1	60209	IPI00018968.2	17.978	5
ANG2	85988	IPI00001710.3	4.859	3
Angiopoietin-related protein 2 precursor	57068	IPI00007800.1	8.316	3
Angiotensin-converting enzyme, somatic isoform precursor	149620	IPI00437751.1	3.752	2
Angiotensinogen precursor	53121	IPI00032220.3	8.866	2
Ankyrin repeat and FYVE domain protein 1	128318	IPI00159899.7	8.127	5
Ankyrin repeat domain protein 13	67519	IPI00217831.3	6.441	2
Annexin A1	38559	IPI00218918.4	41.449	12
Annexin A11	54673	IPI00185600.1	25.933	12
Annexin A2	38449	IPI00455315.3	78.107	49
Annexin A3	36222	IPI00024095.2	59.938	20
Annexin A4	36092	IPI00221225.2	61.994	30
Annexin A5	35783	IPI00329801.9	79.624	31
Annexin A6	75695	IPI00221226.6	59.226	33
Annexin VI isoform 2	75260	IPI00002459.3	56.522	28
Antigen NY-CO-7	34769	IPI00025156.3	18.152	4
AP1G1 protein	91698	IPI00293396.3	7.758	4
Apical-like protein	176303	IPI00015180.1	1.423	2
APOBEC-1 stimulating protein	65161	IPI00071360.1	6.734	2
Apolipoprotein A-I binding protein	31654	IPI00168479.2	30.556	7
Apolipoprotein C-I precursor	9326	IPI00021855.1	38.554	2
Arachidonate 5-lipoxygenase	77802	IPI00218916.2	4.309	2
ARAP1	136178	IPI00181697.2	2.397	2
Arfaptin 2	37832	IPI00021257.1	16.129	3
Arginase II, mitochondrial precursor	38554	IPI00020332.1	23.446	5
Argininosuccinate lyase	51710	IPI00220267.6	10.56	5
Argininosuccinate synthase	46501	IPI00020632.2	17.233	6
Arginyl-tRNA synthetase	75331	IPI00004860.2	29.697	18
ARHGAP17 protein	95377	IPI00064767.2	12.145	5
ARL-6 interacting protein-1	23347	IPI00014232.1	19.212	3
ARMCX2 protein	65643	IPI00006142.3	9.019	3
ARMET protein precursor	26886	IPI00328748.3	27.35	7
ARP2/3 complex 16 kDa subunit	16179	IPI00550234.2	47.333	6

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
ARP2/3 complex 20 kDa subunit	20518	IPI00007263.2	42.135	7
ARP2/3 complex 21 kDa subunit	20533	IPI00005162.1	43.258	5
ARP2/3 complex 34 kDa subunit	34311	IPI00005161.3	43.333	10
ARP2/3 complex 41 kDa subunit	40792	IPI00005160.2	14.286	4
Arsenical pump-driving ATPase	38921	IPI00013466.2	21.714	6
Arylamine N-acetyltransferase 1	33877	IPI00298863.1	9.31	2
Arylsulfatase A precursor	53758	IPI00329685.9	28.487	8
Arylsulfatase E precursor	65640	IPI00020005.4	4.584	2
Asparaginyl-tRNA synthetase, cytoplasmic	62903	IPI00306960.3	29.015	12
Aspartate aminotransferase, cytoplasmic	46087	IPI00219029.2	57.282	23
Aspartate aminotransferase, mitochondrial precursor	47445	IPI00018206.3	73.953	26
Aspartyl aminopeptidase	53346	IPI00015856.2	35.464	10
Aspartyl(Asparaginyl)beta-hydroxylase	85837	IPI00294834.3	20.053	13
Aspartyl-tRNA synthetase	57100	IPI00216951.2	32.934	13
ATP citrate lyase isoform 2	119695	IPI00394838.1	32.814	29
ATP synthase alpha chain, mitochondrial precursor	59714	IPI00440493.2	62.387	47
ATP synthase B chain, mitochondrial precursor	28890	IPI00029133.4	38.672	12
ATP synthase beta chain, mitochondrial precursor	56525	IPI00303476.1	84.499	47
ATP synthase coupling factor 6, mitochondrial precursor	12580	IPI00002521.1	60.185	12
ATP synthase delta chain, mitochondrial precursor	17479	IPI00024920.1	64.286	6
ATP synthase e chain, mitochondrial	7797	IPI00218848.4	86.765	6
ATP synthase oligomycin sensitivity conferral protein, mitochondrial precursor	23263	IPI00007611.1	67.136	17
ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 complex, subunit d isoform a	18479	IPI00220487.3	79.503	15
ATP synthase, H <sup>+</sup> transporting, mitochondrial F0 complex, subunit f isoform 2b	10356	IPI00219291.2	27.273	2
ATP6V1F protein	13362	IPI00419255.1	63.866	6
ATPase family, AAA domain containing 3A	71325	IPI00295992.2	22.713	11
ATPase inhibitor, mitochondrial precursor	12241	IPI00006328.3	21.698	2
ATP-binding cassette sub-family E member 1	67271	IPI00303207.3	23.038	9
ATP-binding cassette, sub-family B, member 7, mitochondrial precursor	82589	IPI00306748.1	2.66	2
ATP-binding cassette, sub-family D, member 3	75428	IPI00002372.1	13.961	8
ATP-binding cassette, sub-family F, member 2	71245	IPI00005045.1	5.778	3
ATP-citrate synthase	120748	IPI00021290.4	38.601	29
ATP-dependent Clp protease ATP-binding subunit ClpX-like, mitochondrial precursor	69181	IPI00008728.1	9.795	4
ATP-dependent DNA helicase II, 70 kDa subunit	69668	IPI00465430.3	67.763	50
ATP-dependent DNA helicase II, 80 kDa subunit	82521	IPI00220834.7	56.088	36
ATP-dependent DNA helicase Q1	73409	IPI00178431.11	3.698	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
ATP-dependent helicase DDX1	82380	IPI00293655.3	40.405	23
ATP-dependent RNA helicase A	140788	IPI00215638.2	27.717	26
ATP-dependent RNA helicase DDX19	53893	IPI00008943.3	14.196	6
ATP-dependent RNA helicase DDX24	96271	IPI00006987.1	11.758	6
Autoantigen RCD8	151567	IPI00376317.3	10.778	9
Autocrine motility factor receptor, isoform 2	72949	IPI00423874.1	5.91	2
B lymphocyte activation-related protein	40553	IPI00152896.1	11.173	3
B/K protein	53815	IPI00305536.3	6.329	2
BAG-family molecular chaperone regulator-2	23757	IPI00000643.1	26.066	3
BAG-family molecular chaperone regulator-3	61557	IPI00000644.3	19.304	6
BAG-family molecular chaperone regulator-5	51168	IPI00007731.1	11.633	4
Band 4.1-like protein 1	98442	IPI00024062.1	13.734	8
Band 4.1-like protein 2	112519	IPI00015973.1	15.224	10
Basement membrane-specific heparan sulfate proteoglycan core protein precursor	468528	IPI00024284.4	3.302	11
Basic leucine zipper and W2 domains 1	40620	IPI00180128.2	12.429	2
BAT2 protein	228667	IPI00376933.2	5.471	5
BAT3	130120	IPI00082831.3	7.73	6
Bax epsilon	18117	IPI00071059.3	35.366	4
BB1 protein	38139	IPI00019068.1	4.971	2
BC022357 protein	8664	IPI00152342.3	17.105	2
BC-2 protein	25088	IPI00004416.1	13.514	3
B-cell receptor-associated protein 31	27843	IPI00218200.6	42.449	17
B-cell receptor-associated protein BAP37	33276	IPI00027252.6	62.207	20
BCSC-1 isoform c/f	86434	IPI00005609.2	19.466	11
Beta enolase	46826	IPI00218474.4	28.176	9
Beta tubulin	49875	IPI00013475.1	3.596	2
Beta-1,4-galactosyltransferase 4	40016	IPI00030128.1	12.791	3
Beta-2-microglobulin precursor	13706	IPI00004656.1	52.101	6
Beta-centractin	42267	IPI00029469.1	48.67	11
Beta-galactosidase precursor	76043	IPI00441344.1	22.747	12
Beta-hexosaminidase alpha chain precursor	60650	IPI00027851.1	18.336	8
Beta-hexosaminidase beta chain precursor	63071	IPI00012585.1	35.072	16
Beta-spectrin 2 isoform 2	251263	IPI00333015.3	29.884	45
Beta-synuclein	14279	IPI00032904.1	28.358	2
Beta-tubulin cofactor E	59309	IPI00018402.1	4.364	2
BH3 interacting domain death agonist	21981	IPI00413587.2	26.667	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1	70788	IPI00011619.4	8.974	4
Bifunctional coenzyme A synthase	62290	IPI00184821.1	19.504	9
Bifunctional polynucleotide phosphatase/kinase	57040	IPI00290684.3	8.829	4
Bifunctional purine biosynthesis protein PURH	64575	IPI00289499.3	55.405	22
Biglycan precursor	41628	IPI00010790.1	21.196	6
Biliverdin reductase A precursor	33407	IPI00294158.1	14.865	4
Bis	16717	IPI00028095.2	36.986	3
Bleomycin hydrolase	52528	IPI00219575.5	18.462	6
Blood plasma glutamate carboxypeptidase precursor	59893	IPI00005794.1	14.603	6
BNIPXL-alpha	85700	IPI00004557.6	7.282	2
BolA-like protein CGI-143	14280	IPI00032900.1	39.416	2
BPY2IP1 protein	112158	IPI00296485.2	9.726	5
Brain acid soluble protein 1	22549	IPI00299024.8	35.841	4
Brain protein 44	14270	IPI00022832.1	18.898	2
Brain-specific polypeptide PEP-19	6656	IPI00010148.3	44.262	3
Breakpoint cluster region protein	142717	IPI00004497.1	1.574	2
Brefeldin A-inhibited guanine nucleotide-exchange protein 1	208576	IPI00002188.1	3.948	7
Brefeldin A-inhibited guanine nucleotide-exchange protein 2	201964	IPI00002186.3	7.675	6
Bruno-like 6, RNA binding protein	50447	IPI00171103.3	8.732	3
C13orf9 protein	43789	IPI00328932.5	7.772	2
C14orf124 protein	31119	IPI00186534.1	24.915	5
C14orf173 protein	55220	IPI00008339.2	10.63	3
C1-tetrahydrofolate synthase	105724	IPI00291646.2	3.681	4
C-1-tetrahydrofolate synthase, cytoplasmic	101364	IPI00218342.9	26.231	21
C359F1.1	30758	IPI00010190.3	7.877	2
C3orf1 protein	32157	IPI00299387.2	7.368	2
C3orf6 protein	56305	IPI00217059.5	10.581	3
C6orf125 protein	14865	IPI00031617.3	19.841	2
C9orf10 protein	121811	IPI00396057.1	14.937	12
Ca	49800	IPI00291412.1	14.978	4
Ca <sup>2+</sup> -dependent secretion activator isoform 1	152690	IPI00297412.2	23.282	19
CAAX prenyl protease 1 homolog	54778	IPI00027180.1	18.105	5
CAD protein	242829	IPI00301263.2	5.034	5
Calcium and integrin-binding protein 1	21573	IPI00018451.4	15.263	2
Calcium channel, alpha 2/delta subunit 2	129794	IPI00410600.1	4.174	5
Calcium-binding mitochondrial carrier protein Aralar1	74709	IPI00386271.3	22.714	9
Calcium-binding mitochondrial carrier protein Aralar2	74129	IPI00007084.1	35.407	14

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Calcium-binding protein p22	22311	IPI00218924.2	34.021	4
Calcium-regulated heat stable protein 1	15882	IPI00304409.3	49.66	5
Calcyclin	10173	IPI00027463.1	64.444	7
CalCyphosine isoform b	17759	IPI00103067.1	23.457	3
Calgizzarin	11733	IPI00013895.1	27.619	3
Calmeglin precursor	69994	IPI00024776.1	6.885	3
Calmin	111582	IPI00101942.1	10.08	6
Calmodulin	16827	IPI00075248.5	49.664	4
Calnexin precursor	67526	IPI00020984.1	66.385	41
Calpactin I light chain	11064	IPI00183695.6	58.333	6
Calpain 1, large [catalytic] subunit	81838	IPI00011285.1	21.989	12
Calpain 2, large [catalytic] subunit precursor	79828	IPI00289758.5	27.325	11
Calponin-2	33544	IPI00015262.9	13.961	3
Calponin-3	36391	IPI00216682.5	32.523	6
Calreticulin precursor	48112	IPI00020599.1	84.412	31
CAMK2D protein	54093	IPI00172636.3	33.054	11
CAMP-dependent protein kinase Catalytic subunit alpha isoform 1	40564	IPI00396630.2	14.245	7
CAMP-dependent protein kinase catalytic subunit beta, isoform 3	29677	IPI00414365.1	9.728	2
cAMP-dependent protein kinase type I-alpha regulatory subunit	42955	IPI00021831.1	6.299	2
CAMP-dependent protein kinase, regulatory subunit beta 2	46319	IPI00456775.1	21.292	7
cAMP-regulated phosphoprotein 19	12184	IPI00328526.4	23.423	2
Candidate tumor suppressor protein NOC2	34442	IPI00012958.1	14.286	3
Capicua protein	163689	IPI00045360.1	2.736	2
Capping protein (Actin filament) muscle Z-line, beta	33760	IPI00218782.2	40.532	15
Carbohydrate kinase-like protein	51471	IPI00005914.3	16.736	5
Carbonic anhydrase II	29097	IPI00218414.4	57.143	14
Carbonic reductase 4	25285	IPI00384297.1	19.831	3
Carbonyl reductase [NADPH] 1	30225	IPI00295386.6	50.362	13
Carbonyl reductase [NADPH] 3	30700	IPI00290462.4	16.667	3
Carboxyl ester lipase	79617	IPI00099670.2	21.032	9
Carboxylesterase 2 isoform 1	68855	IPI00332828.1	7.384	2
Carboxypeptidase A1 precursor	47111	IPI00009823.3	40.334	13
Carboxypeptidase A2 (panCreatiC)	46811	IPI00296930.3	31.415	7
Carboxypeptidase B precursor	47338	IPI00009826.2	24.7	7
Carboxypeptidase D precursor	152819	IPI00027078.2	13.188	10
Carboxypeptidase E precursor	53117	IPI00031121.1	57.773	26
Carnitine O-palmitoyltransferase II, mitochondrial precursor	73730	IPI00012912.1	29.027	19

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Casein kinase II beta subunit	24926	IPI00010865.1	28.837	3
Casein kinase II, alpha' chain	41187	IPI00020602.1	15.429	4
CASP	77374	IPI00071696.1	18.437	6
Catalase	59588	IPI00465436.3	36.882	14
Catechol O-methyltransferase	30018	IPI00011284.1	45.018	9
Cathepsin B precursor	37783	IPI00295741.3	31.563	8
Cathepsin D precursor	44524	IPI00011229.1	51.456	24
Cathepsin H precursor	37353	IPI00297487.1	28.06	4
Cathepsin S precursor	37485	IPI00299150.3	12.991	4
Cathepsin Z precursor	33846	IPI00002745.1	16.172	4
Cation-dependent mannose-6-phosphate receptor precursor	30973	IPI00025049.1	20.939	5
Cation-independent mannose-6-phosphate receptor precursor	274100	IPI00289819.4	3.774	6
Caveolin-1	20327	IPI00009236.4	30.508	4
CC3	27067	IPI00289733.1	17.355	4
CCDC12 protein	19169	IPI00550173.2	42.169	4
CCR4-NOT transcription complex, subunit 1 isoform a	266768	IPI00166010.4	3.746	5
CD166 antigen precursor	65091	IPI00015102.1	30.703	15
CD2 antigen cytoplasmic tail-binding protein 2	37623	IPI00006103.1	6.158	2
CD2-associated protein	71407	IPI00412771.1	40.219	20
CD59 glycoprotein precursor	14168	IPI00011302.1	25.781	4
CD63 antigen	25488	IPI00215998.4	5.063	2
CD81 antigen	25792	IPI00000190.1	18.22	2
CDA02	67809	IPI00012462.1	19.869	7
CDC42 binding protein kinase alpha	185996	IPI00293173.2	3.236	3
Cdc42-interacting protein 4	62553	IPI00018804.2	25.688	9
CDEP	118559	IPI00024773.1	3.158	2
Cell death-regulatory protein GRIM19	25848	IPI00219685.3	27.753	5
Cell division protein kinase 5	33335	IPI00023530.4	6.122	2
Cell division protein kinase 6	36915	IPI00023529.1	10.429	3
Centrin 2	19726	IPI00215928.4	50	5
Centromere/kinetochore protein zw10 homolog	88642	IPI00011631.5	2.956	2
Cerebral protein-1	50683	IPI00304932.2	7.237	2
Cerebral protein-10	52038	IPI00410079.1	14.043	3
Ceroid-lipofuscinosis neuronal protein 5	46309	IPI00026050.1	5.405	2
Ceruloplasmin precursor	122128	IPI00017601.1	4.789	3
CGI-111 protein	22074	IPI00304082.4	27.638	4
CGI-14 protein	46884	IPI00103028.1	14.579	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
CGI-142 protein	22606	IPI00007063.5	30.049	5
CGI-150 protein	54977	IPI00007102.1	32.143	12
CGI-151 protein	44976	IPI00383645.2	18.564	6
CGI-25 protein	33151	IPI00006408.3	8.638	2
CGI-29 protein	27094	IPI00328196.2	11.157	3
CGI-62 protein	35040	IPI00329753.1	7.692	2
CGI-90 protein	35785	IPI00329696.1	23.567	5
Chaperone-activity of bc1 complex-like, mitochondrial precursor	71904	IPI00176469.1	6.801	2
Chaperonin containing TCP1, subunit 3	60495	IPI00290770.2	55.413	26
CHC1 protein	48115	IPI00001661.2	19.248	5
CHCHD2 protein	15545	IPI00007673.3	18.543	2
CHCHD6 protein	26441	IPI00031622.3	28.085	6
Chloride intracellular channel protein 1	26775	IPI00010896.2	53.333	13
Chloride intracellular channel protein 4	28754	IPI00001960.2	45.85	7
Choline dehydrogenase, mitochondrial precursor	65360	IPI00168603.1	16.835	7
Choline/ethanolamine kinase	45243	IPI00031758.1	7.089	2
Choline-phosphate cytidylyltransferase A	41706	IPI00329338.2	8.992	2
Chromatin assembly factor 1 subunit C	47495	IPI00328319.7	37.5	7
Chromobox protein homolog 1	21405	IPI00010320.1	34.054	5
Chromobox protein homolog 3	20810	IPI00297579.3	23.497	7
Chromobox protein homolog 5	22211	IPI00024662.1	24.084	4
Chromodomain-helicase-DNA-binding protein 2	200438	IPI00023109.1	1.208	2
Chromogranin A precursor	50700	IPI00290315.3	36.761	15
Chromosome 1 open reading frame 50	21893	IPI00012198.1	27.638	2
Chromosome 10 open reading frame 42	39842	IPI00171573.1	10.256	3
Chromosome 10 open reading frame 65	35226	IPI00329210.1	31.498	4
Chromosome 17 open reading frame 28	88944	IPI00246827.3	11.252	4
Chromosome 6 open reading frame 209	61335	IPI00020007.2	4.444	2
Chromosome 9 open reading frame 5	100895	IPI00012429.1	2.525	2
Chromosome X open reading frame 26	26041	IPI00107104.1	14.592	3
CH-TOG protein	225366	IPI00028275.1	7.825	10
Chymotrypsinogen B precursor	27852	IPI00015133.1	31.939	4
Ciliary rootlet coiled-coil, rootletin	228388	IPI00456492.2	2.578	3
Citrate lyase beta like	33388	IPI00477957.1	15.686	3
Citrate synthase, mitochondrial precursor	51680	IPI00025366.4	44.421	12
Class III alCohol dehydrogenase 5 Chi subunit	39712	IPI00218446.5	29.947	10
Class IVb beta tubulin	49721	IPI00549172.2	15.506	6

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Clathrin coat assembly protein AP50	49623	IPI00022256.1	10.805	4
Clathrin heavy Chain 1	191493	IPI00024067.1	44.119	61
Cleavage and polyadenylation specificity factor, 100 kDa subunit	88431	IPI00419531.2	5.243	2
Cleavage and polyadenylation specificity factor, 160 kDa subunit	160782	IPI00026219.4	3.604	3
Cleavage and polyadenylation specificity factor, 73 kDa subunit	77436	IPI00007818.3	3.947	2
Cleavage stimulation factor 77kDa subunit	82869	IPI00015195.1	10.739	4
Cleavage stimulation factor, 3' pre-RNA, subunit 2, 64kDa, tau variant	64424	IPI00297493.3	11.688	4
Cleavage stimulation factor, 50 kDa subunit	48327	IPI00011528.1	7.657	2
Cleavage stimulation factor, 64 kDa subunit	60920	IPI00013256.1	9.879	2
CLIP-associating protein 2	164784	IPI00024382.4	2.855	3
Clusterin precursor	52461	IPI00291262.3	45.88	26
C-myc binding protein	11959	IPI00549984.3	30.097	2
Coactivator-associated arginine methyltransferase 1	65811	IPI00412880.1	9.704	3
Coactosin-like protein	15935	IPI00017704.1	48.592	8
Coatomer beta subunit	107071	IPI00295851.3	25.813	19
Coatomer beta' subunit	102291	IPI00220219.5	28.066	15
Coatomer epsilon subunit	34329	IPI00465132.3	61.564	12
Coatomer gamma subunit	97753	IPI00001890.5	33.257	24
Coatomer gamma-2 subunit	97560	IPI00002557.1	14.466	8
Coatomer zeta-1 subunit	20185	IPI00032851.1	54.802	6
Cob	27371	IPI00029665.8	33.2	5
Cofilin, non-muscle isoform	18360	IPI00012011.3	51.515	13
Coiled-coil domain containing 6	53262	IPI00477674.1	32.278	10
Coiled-coil domain containing protein 9	59667	IPI00177642.8	4.331	2
Collagen alpha 1(I) chain precursor	138799	IPI00297646.1	4.03	5
Collagen alpha 1(III) chain precursor	138470	IPI00021033.1	1.91	2
Collagen alpha 1(VI) chain precursor	108480	IPI00291136.3	16.051	16
Collagen triple helix repeat containing protein	132096	IPI00478815.1	2.181	2
Collagen-binding protein 2 precursor	46411	IPI00032140.2	55.263	19
COMM domain containing protein 2	22731	IPI00456048.1	18.593	2
Complement C3 precursor	187046	IPI00164623.3	13.951	15
Complement C4 precursor	192650	IPI00032258.4	9.117	10
Complement component 1, Q subcomponent binding protein, mitochondrial precursor	31343	IPI00014230.1	34.397	8
Complex I intermediate-associated protein 30, mitochondrial precursor	37740	IPI00032560.2	11.927	3
Complexin 2	15385	IPI00012759.1	17.91	2
Conserved hypothetical protein	71024	IPI00171749.2	15.92	7



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Conserved oligomeric Golgi complex component 1	108909	IPI00141561.3	12.347	6
Conserved oligomeric Golgi complex component 2	83155	IPI00000057.1	4.065	2
Conserved oligomeric Golgi complex component 5	92661	IPI00007347.4	9.297	5
Conserved oligomeric Golgi complex component 7	86289	IPI00164005.1	8.701	4
COP9 signalosome complex subunit 3	47842	IPI00025721.1	30.496	7
COP9 signalosome complex subunit 4	46240	IPI00171844.3	33.99	10
COP9 signalosome complex subunit 5	37555	IPI00009958.4	7.485	3
COP9 signalosome complex subunit 6	36140	IPI00163230.5	19.572	4
COP9 signalosome complex subunit 7a	30258	IPI00301419.2	28	6
COP9 signalosome complex subunit 8	23211	IPI00009480.1	30.144	4
COPA protein	139235	IPI00295857.5	36.253	40
Cop-coated vesicle membrane protein p24 precursor	22746	IPI00016608.1	18.408	2
Copine I	59022	IPI00018452.1	18.808	8
Copine II	61151	IPI00220526.2	5.474	2
Copine III	60092	IPI00024403.1	19.553	9
Copper transport protein ATOX1	7397	IPI00010863.3	50	2
Coproporphyrinogen III oxidase, mitochondrial precursor	50143	IPI00093057.5	15.198	4
COQ7 protein	24262	IPI00172627.3	23.963	4
Core histone macro-H2A.2	39902	IPI00220994.2	35.849	13
Core1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3- galactosyltransferase	42176	IPI00024566.1	8.54	2
Coronin 7	100512	IPI00027996.1	21.297	12
Coronin-1B	54200	IPI00007058.1	25.767	8
Coronin-1C	53215	IPI00008453.3	32.068	11
Corticoliberin precursor	21408	IPI00027839.1	6.633	2
Creatine kinase, B chain	42617	IPI00022977.1	62.73	19
Creatine kinase, sarcomeric mitochondrial precursor	47490	IPI00015141.3	5.728	2
CRK-associated substrate	93304	IPI00011998.1	3.908	3
Crk-like protein	33756	IPI00004839.1	14.521	3
CRM1 protein	123306	IPI00298961.3	10.364	6
Cryptic	24596	IPI00000180.1	22.87	3
CSNK2A1 protein	45879	IPI00016613.2	27.96	7
CTCL tumor antigen se20-9	142607	IPI00022827.1	14.575	14
C-terminal binding protein 1	47505	IPI00012835.1	19.318	5
C-terminal binding protein 2	56066	IPI00010120.3	8.967	4
CTP synthase	66648	IPI00290142.5	3.215	2
CTTN protein	70915	IPI00062884.2	35.804	19

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Cullin 4A	87624	IPI00419273.1	8.3	6
Cullin homolog 5	90897	IPI00216003.3	11.41	4
Cyclin G-associated kinase	143100	IPI00298949.1	8.543	8
Cyclin T1	80634	IPI00030247.1	2.479	2
Cyclin-dependent kinase 2-associated protein 1	12357	IPI00022340.1	31.304	2
Cyclin-dependent kinase inhibitor-related protein	35698	IPI00102425.1	28.205	4
Cyclophilin-like protein	18615	IPI00032473.1	33.939	4
Cystathionine-beta-synthase	60548	IPI00219352.3	4.537	2
Cystatin B	11133	IPI00021828.1	70.408	5
Cystatin C precursor	15789	IPI00032293.1	25.342	4
Cysteine and histidine-rich domain (CHORD)-containing, zinc binding protein 1	37466	IPI00015897.2	18.373	4
Cysteine desulfurase, mitochondrial precursor	50222	IPI00295240.5	15.974	5
Cysteine-rich protein 2	22478	IPI00006034.1	33.173	5
Cystic fibrosis transmembrane conductance regulator	168066	IPI00302383.3	7.365	8
Cytochrome b-5 isoform 2	11261	IPI00182933.3	58.163	5
Cytochrome b5 outer mitochondrial membrane isoform precursor	16684	IPI00303954.3	31.333	2
Cytochrome c	11610	IPI00465315.5	52.885	8
Cytochrome c oxidase copper chaperone	6779	IPI00218144.2	67.742	3
Cytochrome c oxidase polypeptide Va, mitochondrial precursor	16764	IPI00025086.3	59.333	12
Cytochrome c oxidase polypeptide Vb, mitochondrial precursor	13687	IPI00021785.2	44.961	8
Cytochrome c oxidase polypeptide VIb	10055	IPI00216085.2	28.235	3
Cytochrome c oxidase polypeptide VIc precursor	8776	IPI00015972.1	40	7
Cytochrome c oxidase polypeptide VIc, mitochondrial precursor	7241	IPI00013968.1	28.571	2
Cytochrome c oxidase subunit 2	25548	IPI00017510.3	26.432	6
Cytochrome c oxidase subunit IV isoform 1, mitochondrial precursor	19564	IPI00006579.1	52.663	13
Cytochrome c oxidase subunit VIIa-related protein, mitochondrial precursor	12607	IPI00022421.2	40.351	2
Cytochrome c1, heme protein, mitochondrial precursor	35367	IPI00029264.3	13.538	3
Cytoplasmic antiproteinase 2	42758	IPI00032134.1	5.882	2
Cytoplasmic antiproteinase 3	42376	IPI00032139.1	11.17	3
Cytosolic acyl coenzyme A thioester hydrolase, inducible	46248	IPI00333838.1	31.116	9
Cytosolic nonspecific dipeptidase	52845	IPI00177728.3	63.789	29
Cytosolic purine 5'-nucleotidase	64928	IPI00029054.1	11.943	3
D21S2056E protein	53380	IPI00465285.1	7.082	3
D-3-phosphoglycerate dehydrogenase	56483	IPI00011200.4	28.759	14
D-beta-hydroxybutyrate dehydrogenase, mitochondrial precursor	38132	IPI00025341.2	15.452	2
DBR1 protein	61516	IPI00305545.1	6.066	2
DC12	42146	IPI00024618.1	5.391	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
DC38	31672	IPI00005540.2	12.59	2
DC50	12341	IPI00009922.3	66.055	8
DCC-interacting protein 13 alpha	79614	IPI00015836.1	18.336	7
DCC-interacting protein 13 beta	74474	IPI00172513.3	16.867	4
D-dopachrome tautomerase	12573	IPI00293867.6	37.607	5
DEAD-box protein 3, X-chromosomal	73067	IPI00215637.2	27.988	15
DEAD-box protein 3, Y-chromosomal	73049	IPI00293616.2	6.818	3
DEAD-box protein 50	82514	IPI00031554.1	3.664	2
DEAH (Asp-Glu-Ala-His) box polypeptide 15	92770	IPI00177366.1	20.664	13
DEAH (Asp-Glu-Ala-His) box polypeptide 29	155179	IPI00217413.2	3.433	3
Death domain containing protein CRADD	22731	IPI00020364.1	15.578	2
Death-associated protein 1	11158	IPI00018117.1	47.059	4
Decapping enzyme	56060	IPI00164672.2	7.767	2
Dedicator of cytokinesis 7	239271	IPI00513791.1	6.401	10
Dedicator of cytokinesis protein 6	229513	IPI00184772.4	1.759	2
Dehydrogenase E1 and transketolase domain containing protein 1	102977	IPI00063408.5	6.311	3
DEK protein	42648	IPI00020021.3	24.267	8
Deleted in malignant brain tumors 1	259547	IPI00014260.2	3.87	2
Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial precursor	61681	IPI00217871.4	11.901	5
Delta3,5-delta2,4-dienoyl-CoA isomerase, mitochondrial precursor	35971	IPI00011416.1	28.049	7
Delta-aminolevulinic acid Dehydratase isoform b	37205	IPI00010314.2	29.204	6
Deltex 3-like protein	83501	IPI00152503.1	10.946	5
Density-regulated protein	22271	IPI00306280.3	18.09	3
Desmoglein-2 precursor	122309	IPI00028931.1	9.848	5
Dextrin isoform b	16610	IPI00031045.3	44.595	9
Deubiquitinating protein VCIP135	134236	IPI00064162.2	4.501	3
Development and Differentiation enhancing factor 1	125420	IPI00410303.1	4.074	3
Developmentally regulated GTP-binding protein 1	40517	IPI00031836.3	8.447	2
Developmentally regulated GTP-binding protein 2	40720	IPI00022697.3	9.066	2
DHX30 protein	133854	IPI00411733.3	13.903	9
Diaphanous protein homolog 1	139577	IPI00550179.2	12.201	10
Dicer1	218542	IPI00219036.5	2.029	2
Dihydrolipoyl dehydrogenase, mitochondrial precursor	54116	IPI00015911.1	46.169	18
Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial precursor	65739	IPI00021338.1	16.124	8
Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial precursor	48609	IPI00420108.4	26.049	11

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Dihydropteridine reductase	25787	IPI00014439.3	54.098	11
Dihydropyridine receptor alpha 2 subunit	125229	IPI00470535.1	3.063	2
Dihydropyrimidinase related protein-1	62145	IPI00414123.4	55.769	20
Dihydropyrimidinase related protein-2	62255	IPI00257508.4	14.685	7
Dihydropyrimidinase-like 2	66975	IPI00106642.4	49.758	16
Di-N-acetylchitobiase precursor	43732	IPI00007778.1	10.909	2
Dipeptidyl peptidase IV	88222	IPI00018953.1	12.402	6
Dipeptidyl-peptidase II precursor	54293	IPI00296141.1	38.821	13
DJ-1 protein	19878	IPI00298547.3	93.122	26
DJ1014D13.1 protein	70857	IPI00465233.1	19.934	8
DJ1033B10.5.2	75086	IPI00033524.1	8.498	3
DKFZP564J0863 protein	60503	IPI00550523.2	18.669	6
DKFZP566J2046 protein	24837	IPI00552360.1	40.625	5
DKFZP566O084 protein	35097	IPI00023474.2	17.846	5
DKFZP586B1621 protein	58910	IPI00551024.2	31.826	15
DNA-	35401	IPI00215911.2	24.921	8
DNA damage binding protein 1	126949	IPI00293464.4	13.585	9
DNA polymerase beta	38023	IPI00219538.2	7.485	2
DNA topoisomerase I	90669	IPI00413611.1	15.163	8
DNA-damage inducible protein 2	46542	IPI00031618.2	20.764	5
DNA-directed RNA polymerase II 14.5 kDa polypeptide	14514	IPI00006113.1	37.6	3
DNA-directed RNA polymerase II 140 kDa polypeptide	133811	IPI00027808.1	7.581	6
DNA-directed RNA polymerase II 16 kDa polypeptide	16301	IPI00007283.1	33.803	2
DNA-directed RNA polymerase II 23 kDa polypeptide	24596	IPI00291093.2	23.333	3
DNA-directed RNA polymerase II 33 kDa polypeptide	31422	IPI00018288.1	23.273	4
DNA-directed RNA polymerase II largest subunit	217069	IPI00031627.1	9.289	9
DNA-directed RNA polymerase III largest subunit	155649	IPI00024163.1	3.163	2
DnaJ homolog subfamily A member 1	44839	IPI00012535.1	5.29	2
DnaJ homolog subfamily A member 2	45717	IPI00032406.1	20.146	5
DnaJ homolog subfamily B member 1	37889	IPI00015947.4	34.218	10
DnaJ homolog subfamily B member 11 precursor	40489	IPI00008454.1	30.726	8
DnaJ homolog subfamily C member 1	63843	IPI00074870.1	7.04	2
DnaJ homolog subfamily C member 7	56405	IPI00329629.6	14.17	5
DnaJ homolog subfamily C member 8	30968	IPI00003438.1	34.47	8
DNAJC11 protein	57161	IPI00333016.5	6.509	2
DNAJC13 protein	88898	IPI00329220.1	5.74	3
DNAPTP6 protein	54017	IPI00103027.3	6.762	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
DNA-repair protein XRCC1	69483	IPI00002564.1	6.635	3
Dolichol-phosphate mannosyltransferase	29616	IPI00022018.1	20	3
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit precursor	50670	IPI00297084.4	41.667	11
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDa subunit precursor	69241	IPI00301271.3	40.095	19
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor	68527	IPI00025874.1	63.427	40
Dolichyl-phosphate beta-glycosyltransferase	36922	IPI00002506.1	21.914	6
Double stranded RNA activated protein kinase	62038	IPI00019463.2	10.163	4
Double-strand-break repair protein rad21 homolog	71645	IPI00006715.3	10.301	4
Dpy-30-like protein	11243	IPI00028109.1	50.505	4
DPYSL3 protein	73864	IPI00029111.2	33.918	14
Drebrin	71381	IPI00003406.1	23.112	12
Dual specificity mitogen-activated protein kinase kinase 1	43280	IPI00219604.2	30.357	9
Dual specificity mitogen-activated protein kinase kinase 2	44396	IPI00003783.1	20.5	7
Dual specificity phosphatase 23	16578	IPI00306353.3	17.333	2
Dual specificity protein phosphatase 3	20465	IPI00018671.1	36.757	6
Dynactin 3, isoform 2	19456	IPI00013654.1	10.795	2
Dynactin 6	20734	IPI00220770.2	14.737	2
Dynactin complex 50 kDa subunit	44073	IPI00220503.7	65	25
Dynamamin 1-like protein, isoform 2	79392	IPI00235412.3	40.282	17
Dynamamin-1	97346	IPI00413140.2	23.148	15
Dynein heavy chain, cytosolic	532072	IPI00456969.1	35.45	128
Dynein light chain 1, cytoplasmic	10359	IPI00019329.1	51.685	4
Dynein light chain 2, cytoplasmic	10343	IPI00062037.1	39.326	3
Dynein light chain-A	56592	IPI00007675.1	28.107	11
Dynein light intermediate chain 2, cytosolic	54066	IPI00011592.3	38.618	17
Dyskerin	57507	IPI00221394.7	16.569	6
Dystonin isoform 1	629396	IPI00074148.4	4.13	13
Dystroglycan precursor	97520	IPI00028911.1	3.017	2
E-1 enzyme	28914	IPI00038378.4	18.008	3
E2IG3	63528	IPI00003886.1	7.857	2
E2IG5 protein	17359	IPI00550855.1	43.506	7
EAP30 subunit of ELL complex	28846	IPI00101524.3	12.016	2
Early endosome antigen 1	162367	IPI00329536.1	33.026	32
E-cadherin	99632	IPI00025861.2	19.534	13

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
ECH1 protein	35735	IPI00550041.1	36.89	10
Echinoderm microtubule-associated protein-like 2	70634	IPI00015944.3	20.801	9
Echinoderm microtubule-associated protein-like 4	108835	IPI00001466.2	16.922	14
Ectonucleotide pyrophosphatase/phosphodiesterase 1	104857	IPI00184311.2	4.108	2
EDF-1 protein	16359	IPI00021570.1	39.189	4
EF-hand domain-containing protein 2	26680	IPI00060181.1	20	5
EH-domain containing protein 1	60589	IPI00017184.2	26.217	8
EH-domain containing protein 2	61123	IPI00100980.5	21.179	6
EH-domain containing protein 4	61137	IPI00005578.1	21.257	8
Elastase IIIA precursor	29456	IPI00295663.1	19.259	3
ELAV-like protein 1	36069	IPI00301936.3	51.84	16
Electron transfer flavoprotein alpha-subunit, mitochondrial precursor	35058	IPI00010810.1	55.556	20
Electron transfer flavoprotein beta-subunit	27826	IPI00004902.1	49.412	15
ELMOD2 protein	34938	IPI00217918.1	12.628	2
Elongation factor 1-alpha 1	50109	IPI00025447.3	32.9	12
Elongation factor 1-alpha 2	50438	IPI00014424.1	44.708	16
Elongation factor 1-beta	24617	IPI00178440.2	53.571	9
Elongation factor 1-delta	30972	IPI00023048.3	35.714	11
Elongation factor 1-gamma	49956	IPI00000875.5	23.624	12
Elongation factor 2	95146	IPI00186290.5	56.359	43
Elongation factor G 1, mitochondrial precursor	83452	IPI00154473.3	22.37	11
E-MAP-115-95	72370	IPI00020771.1	15.573	6
Embryonic lung protein	63413	IPI00007344.1	13.028	4
Emerin	28976	IPI00032003.1	31.89	6
EMILIN 1 precursor	106629	IPI00013079.1	7.382	3
Endoplasmic reticulum protein ERp29 precursor	28975	IPI00024911.1	71.264	18
Endoplasmin precursor	92411	IPI00027230.3	73.724	73
Endozepine	10038	IPI00010182.3	65.517	6
Enhancer of rudimentary homolog	12251	IPI00029631.1	24.038	3
Enigma homolog	63931	IPI00007935.2	32.383	11
Enigma protein, isoform 1	49813	IPI00023122.1	12.473	3
Enoyl-CoA hydratase, mitochondrial precursor	31351	IPI00024993.3	63.103	18
ENPP4 protein	51608	IPI00007249.3	20.53	7
EPB41L5 protein	57849	IPI00217841.1	4.554	2
Epidermal growth factor receptor substrate 15	98613	IPI00292134.5	7.031	3
Epidermal growth factor receptor substrate 15-like 1	94197	IPI00163849.1	14.699	9
Epididymal secretory protein E1 precursor	16559	IPI00301579.3	36.424	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Epididymis-specific alpha-mannosidase precursor	113916	IPI00328488.5	7.631	5
Epiplakin	552754	IPI00010951.1	12.537	11
Epoxide hydrolase 1	52915	IPI00009896.1	45.275	17
Epoxide hydrolase 2, cytoplasmic	62575	IPI00104341.3	32.973	10
ERFS	75426	IPI00009070.1	8.626	3
ERGIC-53 protein precursor	57513	IPI00026530.4	31.961	17
ERO1-like protein alpha precursor	54358	IPI00386755.2	14.957	5
ERO1-like protein beta precursor	53493	IPI00429633.1	9.636	4
ER-resident protein ERdj5	91049	IPI00293260.1	14.124	6
Erythrocyte band 7 integral membrane protein	31580	IPI00219682.5	49.129	10
Esterase D	31442	IPI00411706.1	56.738	10
Estradiol 17-beta-dehydrogenase 8	26957	IPI00021890.1	20.69	4
Ethanolamine-phosphate cytidyltransferase	43808	IPI00015285.3	6.684	2
Eukaryotic initiation factor 4A-I	46125	IPI00025491.1	52.217	17
Eukaryotic initiation factor 5A isoform I variant A	20157	IPI00376005.1	42.935	13
Eukaryotic peptide chain release factor subunit 1	49000	IPI00429191.1	11.442	3
Eukaryotic translation initiation factor 1	12725	IPI00015077.1	38.938	4
Eukaryotic translation initiation factor 1A, Y-chromosomal	16301	IPI00023004.6	38.462	6
Eukaryotic translation initiation factor 2 subunit 1	35958	IPI00219678.2	37.261	8
Eukaryotic translation initiation factor 2 subunit 2	38364	IPI00021728.3	29.73	7
Eukaryotic translation initiation factor 2 subunit 3	50946	IPI00297982.6	18.047	7
Eukaryotic translation initiation factor 2C 1	97151	IPI00007736.4	5.951	4
Eukaryotic translation initiation factor 3 subunit 1	29045	IPI00290461.3	8.915	3
Eukaryotic translation initiation factor 3 subunit 10	166468	IPI00029012.1	29.088	35
Eukaryotic translation initiation factor 3 subunit 11	25043	IPI00033143.1	16.972	3
Eukaryotic translation initiation factor 3 subunit 2	36479	IPI00012795.3	50.769	11
Eukaryotic translation initiation factor 3 subunit 3	39905	IPI00006182.1	30.966	8
Eukaryotic translation initiation factor 3 subunit 4	35589	IPI00290460.3	31.875	7
Eukaryotic translation initiation factor 3 subunit 5	37540	IPI00011257.1	25.21	6
Eukaryotic translation initiation factor 3 subunit 6	52187	IPI00013068.1	12.584	4
Eukaryotic translation initiation factor 3 subunit 7	63932	IPI00006181.1	12.044	6
Eukaryotic translation initiation factor 3 subunit 8	105278	IPI00016910.1	26.396	25
Eukaryotic translation initiation factor 4 gamma 1	175426	IPI00384463.2	15.313	15
Eukaryotic translation initiation factor 4 gamma 2	102297	IPI00015952.1	18.523	12
Eukaryotic translation initiation factor 4B	69183	IPI00012079.1	32.57	15
Eukaryotic translation initiation factor 4E	25082	IPI00027485.3	9.217	2
Eukaryotic translation initiation factor 5	49192	IPI00022648.2	25.522	11

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Eukaryotic translation initiation factor 5B	138715	IPI00299254.3	15.656	11
Eukaryotic translation initiation factor 6	26582	IPI00010105.1	17.143	2
Exocyst complex 84-kDa subunit	81747	IPI00028264.3	14.897	5
Exocyst complex component Sec10	81801	IPI00413434.1	4.237	3
Exocyst complex component Sec5	104173	IPI00215805.2	8.216	5
Exocyst complex component Sec8	110429	IPI00059279.5	7.29	5
Exosome complex exonuclease RRP42	31815	IPI00014198.2	10.997	2
Ezrin-radixin-moesin binding phosphoprotein 50	38845	IPI00003527.3	47.765	14
F-actin capping protein alpha-1 subunit	32902	IPI00005969.1	37.063	7
F-actin capping protein alpha-2 subunit	32798	IPI00026182.4	25.263	3
Factor VIII intron 22 protein	39079	IPI00012433.2	7.278	2
FAHD2A protein	34574	IPI00329742.1	23.248	4
Family with sequence similarity 23, member A	39637	IPI00259858.3	11.966	2
Far upstream element binding protein 2	72664	IPI00298363.2	6.365	2
Far upstream element-binding protein	67518	IPI00375441.2	32.453	17
Farnesyl diphosphate synthase	48245	IPI00101405.1	18.616	7
Fatty acid synthase	273227	IPI00418433.1	26.882	40
Fatty acid transport protein	71386	IPI00021089.1	5.148	3
Fatty acid-binding protein, epidermal	15155	IPI00007797.1	16.296	6
Ferritin heavy chain	23335	IPI00419501.4	49.01	10
Ferritin light chain	28399	IPI00375676.2	40.157	12
Ferritin, heavy polypeptide-like 16	21260	IPI00550094.1	40.437	5
Fibrillarin	33763	IPI00025039.1	38.006	8
Fibronectin type III domain containing 3B	132872	IPI00217490.2	2.907	2
Fibronectin type III domain containing protein 3a	124974	IPI00007210.3	4.409	3
Filamin A	280586	IPI00333541.3	43.521	85
Filamin B	276765	IPI00477536.1	48.591	96
FK506 binding protein 11 precursor	22166	IPI00009885.1	24.378	5
FK506 binding protein 9	63044	IPI00182126.3	3.509	2
FK506-binding protein 1A	11812	IPI00413778.3	79.439	7
FK506-binding protein 2 precursor	15639	IPI00002535.2	51.408	6
FK506-binding protein 3	25161	IPI00024157.1	56.25	17
FK506-binding protein 4	51641	IPI00219005.2	52.62	22
FK506-binding protein 5	51180	IPI00218775.2	29.103	9
FK506-binding protein 8	44621	IPI00328161.6	7.748	2
FKSG19	15387	IPI00001022.4	25.352	2
FKSG26 protein	76619	IPI00007320.3	15.828	5



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
FKSG27	62678	IPI00103925.1	4.494	2
Flap endonuclease-1	42566	IPI00026215.1	9.474	2
Flavin reductase	22580	IPI00219910.1	56.872	11
Flightless-I protein homolog	144659	IPI00031023.1	20.41	16
FLJ10514 protein	73516	IPI00100460.2	11.783	4
FLJ10747 protein	76130	IPI00296938.1	9.488	4
FLJ11200 protein	53227	IPI00305303.3	9.595	3
FLJ11806 protein	82823	IPI00397376.1	7.473	3
FLJ12436 protein	42355	IPI00153023.5	8.158	2
FLJ13220 protein	74281	IPI00296563.3	4.036	2
FLJ13868 protein	50925	IPI00305627.5	12.393	4
FLJ14249 protein	42816	IPI00328868.1	20.408	7
FLJ20625 protein	17714	IPI00016670.2	26.708	2
FLJ20758 protein	78500	IPI00181231.8	3.193	2
FLJ22386 protein	32190	IPI00002341.3	8.014	2
FLJ39553 protein	39911	IPI00295855.7	13.636	3
Flotillin-1	47326	IPI00027438.2	24.122	7
Flotillin-2	41659	IPI00029625.3	39.05	10
FMRP interacting protein, 82kD	76075	IPI00002349.2	13.525	5
FOE	137228	IPI00375330.4	3.097	2
Fragile X mental retardation syndrome related protein 1	69649	IPI00016249.1	11.433	5
Fragile X mental retardation syndrome related protein 2	74083	IPI00016250.3	10.401	5
FRG1 protein	29154	IPI00004655.1	10.465	2
Fructosamine-3-kinase	35149	IPI00023729.1	30.421	7
Fructose-1,6-bisphosphatase	36660	IPI00073772.4	34.125	10
Fructose-bisphosphate aldolase A	39264	IPI00465439.4	73.278	36
Fructose-bisphosphate aldolase B	39317	IPI00218407.5	38.567	12
Fructose-bisphosphate aldolase C	39300	IPI00418262.3	45.73	18
FSD1-like	34712	IPI00513845.1	12.829	2
Full-length cDNA 5-PRIME end of clone CS0DN005YI08 of Adult brain of Homo sapiens	29013	IPI00384026.1	15.649	6
Full-length cDNA clone CS0DC006YH13 of Neuroblastoma of Homo sapiens	8609	IPI00009247.2	16	2
Full-length cDNA clone CS0DI069YD09 of Placenta of Homo sapiens	67215	IPI00165026.2	7.912	3
Full-length cDNA clone CS0DN001YP04 of Adult brain of Homo sapiens	40431	IPI00383975.1	55.041	42
Fumarate hydratase, mitochondrial precursor	54602	IPI00296053.3	55.686	23
Fumarylacetoacetase	46344	IPI00031708.1	7.876	2
G protein pathway suppressor 1 isoform 2	55501	IPI00156282.2	9.572	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
G protein-coupled receptor 56 isoform b	77023	IPI00397949.3	5.24	2
G1 to S phase transition protein 1 homolog	55720	IPI00218829.7	10.421	2
GA17 protein	42486	IPI00102069.4	8.824	3
Galactokinase	42246	IPI00019383.1	20.918	4
Galactose mutarotase	37742	IPI00060200.3	21.93	5
Galactose-1-phosphate uridylyltransferase	43336	IPI00013925.3	5.277	2
Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 3	37099	IPI00304331.2	23.582	5
Galectin-1	14575	IPI00219219.2	36.567	4
Galectin-2	14635	IPI00007242.1	83.333	8
Galectin-3	26041	IPI00465431.4	25.703	5
Galectin-3 binding protein precursor	65289	IPI00023673.1	25.983	14
Galectin-4	35918	IPI00009750.1	32.508	8
Gamma enolase	47108	IPI00216171.2	70.901	31
Gamma-aminobutyric acid receptor associated protein	13909	IPI00027253.3	11.111	2
Gamma-aminobutyric acid receptor-associated protein-like 1	14035	IPI00027733.1	23.077	2
Gamma-glutamyltransferase-like activity 1	62293	IPI00002243.2	4.089	2
Gamma-interferon-inducible protein Irf-16 (Interferon-inducible myeloid differentiation transcriptional activator) (IFI 16). SPLICE ISOFORM 2	82385	IPI00217474.2	7.776	3
Gamma-soluble NSF attachment protein	34724	IPI00293817.3	39.423	14
Ganglioside GM2 activator precursor	20809	IPI00018236.1	33.679	5
Ganglioside-induced differentiation-associated protein 1	41226	IPI00290544.2	18.715	9
GARS protein	84594	IPI00465260.1	42.876	27
GCN1-like protein 1	292427	IPI00001159.8	16.629	29
GDP-L-fucose synthetase	35870	IPI00014361.1	9.346	2
GDP-mannose 4,6 dehydratase	41923	IPI00030207.1	15.323	4
GDP-mannose pyrophosphorylase A	46262	IPI00101782.1	26.667	12
Gelsolin precursor	85644	IPI00026314.1	55.754	35
Gem-associated protein 5	168455	IPI00291783.3	1.393	2
Gene product with similarity to Ubiquitin binding enzyme	56860	IPI00005194.1	6.004	3
General transcription factor III C, polypeptide 5, 63kDa	60331	IPI00411530.2	8.745	2
Genethonin 1	38983	IPI00022538.1	13.687	2
Gephyrin	79698	IPI00016006.1	5.842	2
Geranylgeranyl transferase type II alpha subunit	65030	IPI00022664.1	5.996	2
Glia derived nexin precursor	43974	IPI00009890.1	10.302	2
Glucagon precursor	20896	IPI00306140.5	73.333	42
Glucosamine-6-phosphate isomerase	32648	IPI00009305.1	10.381	3
Glucose-6-phosphate dehydroGenase	59220	IPI00289800.6	34.175	12

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Glucose-6-phosphate isomerase	62976	IPI00027497.4	59.425	33
Glucosidase II beta subunit precursor	59259	IPI00026154.1	30.93	12
Glucosylceramidase precursor	59678	IPI00021807.2	24.813	7
Glutamate decarboxylase 2	65368	IPI00012796.1	11.966	4
Glutamate dehydrogenase 1, mitochondrial precursor	61359	IPI00016801.1	51.075	33
Glutamate--cysteine ligase catalytic subunit	72588	IPI00215768.2	13.994	6
Glutamate--cysteine ligase regulatory subunit	30708	IPI00010090.1	14.234	3
Glutamine synthetase	42037	IPI00010130.1	10.188	3
Glutaminyl-peptide cyclotransferase precursor	40851	IPI00003919.1	47.368	11
Glutaminyl-tRNA synthetase	87743	IPI00026665.1	38.71	21
Glutaredoxin	11637	IPI00219025.2	32.381	3
Glutaredoxin-related protein C14orf87	16618	IPI00333763.7	22.93	2
Glutathione peroxidase 1 isoform 1	22027	IPI00293975.3	20.197	3
Glutathione peroxidase-gastrointestinal	21893	IPI00298176.1	32.632	3
Glutathione reductase, mitochondrial precursor	56221	IPI00016862.1	41.762	16
Glutathione S-transferase A1	25484	IPI00216644.3	59.276	13
Glutathione S-transferase kappa 1	25349	IPI00219673.5	53.778	11
Glutathione S-transferase Mu 2	25597	IPI00219067.3	30.415	6
Glutathione S-transferase Mu 3	26411	IPI00246975.7	31.696	6
Glutathione S-transferase P	23210	IPI00219757.12	66.029	11
Glutathione S-transferase theta 1	27187	IPI00219070.6	17.992	3
Glutathione synthetase	52352	IPI00010706.1	22.152	10
Glutathione transferase omega 1	27548	IPI00019755.3	47.303	11
Glyceraldehyde-3-phosphate dehydrogenase, liver	35899	IPI00219018.4	85.629	28
Glyceraldehyde-3-phosphate dehydrogenase, muscle	35853	IPI00383758.1	37.725	15
Glycerol-3-phosphate dehydrogenase [NAD+], cytoplasmic	37438	IPI00295777.4	42.241	12
Glycerol-3-phosphate dehydrogenase 1-like	38394	IPI00032959.2	31.909	7
Glycerol-3-phosphate dehydrogenase, mitochondrial precursor	80764	IPI00017895.1	33.15	19
Glycogen phosphorylase, brain form	96503	IPI00004358.3	19.715	15
GlycoGenin	39359	IPI00180386.2	11.714	4
Glyoxylate reductase/hydroxypyruvate reductase	35646	IPI00037448.3	39.634	10
GMFB protein	18098	IPI00412987.2	31.169	3
GMP reductase 2	37850	IPI00009844.1	6.897	2
GMP synthase	76667	IPI00029079.5	34.199	11
GNAQ protein	42115	IPI00288947.3	17.549	5
Golgi apparatus protein 1	137132	IPI00414717.1	3.907	4
Golgi autoantigen, golgin subfamily A member 1	88146	IPI00031115.4	13.038	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Golgi autoantigen, golgin subfamily B member 1	375848	IPI00004671.1	26.02	47
Golgi phosphoprotein 2	46245	IPI00171411.4	20.488	8
Golgi phosphoprotein 3	33790	IPI00005490.1	39.933	6
Golgi reassembly stacking protein 2	51514	IPI00031241.5	7.975	3
Golgi resident protein GCP60	60425	IPI00009315.5	20.493	7
Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1	206315	IPI00021954.1	2.959	4
GPBP-interacting protein A	130301	IPI00297578.2	2.115	2
GPI-anchor transamidase precursor	45223	IPI00022543.4	8.608	2
GPP34-related protein	32747	IPI00012313.3	30.175	4
Grb10 interacting GYF protein 2	149978	IPI00169434.2	4.388	3
GRIP1 associated protein 1 isoform 1	96018	IPI00413942.2	19.596	10
GRLD6308	26694	IPI00024519.2	24.082	3
Growth factor receptor-bound protein 2	25178	IPI00021327.2	14.286	2
Growth/differentiation factor 15 precursor	34147	IPI00306543.3	28.896	5
GrpE protein homolog 1, mitochondrial precursor	24264	IPI00029557.3	34.562	7
GSPT2 protein	68915	IPI00328294.1	9.554	6
GTP:AMP phosphotransferase mitochondrial	25419	IPI00465256.3	81.858	23
GTP-binding nuclear protein RAN	24440	IPI00012507.2	36.574	9
GTP-binding protein isoform IV	55499	IPI00152481.1	4.962	2
GTP-binding protein SAR1a	22353	IPI00015954.1	48.485	4
GTP-binding protein SAR1b	22396	IPI00002149.1	62.121	8
GTPBP1 protein	71419	IPI00010463.2	4.091	2
GTP-GDP dissociation stimulator 1 isoform A	56453	IPI00424869.1	10.078	4
Guanine deaminase	44161	IPI00465184.2	29.262	6
Guanine deaminase	22231	IPI00514220.1	13.333	2
Guanine nucleotide binding protein, alpha stimulating activity polypeptide 1 isoform c	97701	IPI00095891.1	18.372	12
Guanine nucleotide-binding protein G	40375	IPI00220578.2	20.68	3
Guanine nucleotide-binding protein G	37307	IPI00003348.1	5.882	2
Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit	7870	IPI00221232.4	42.254	3
Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-4 subunit	8383	IPI00030058.1	46.667	3
Guanine nucleotide-binding protein G(o), alpha subunit 1	39894	IPI00220281.2	31.445	11
Guanine nucleotide-binding protein, alpha-13 subunit	44022	IPI00290928.2	19.629	4
Guanine nucleotide-binding protein, alpha-14 subunit	41544	IPI00000695.1	5.915	2
Guanine nucleotide-binding protein-like 1	68638	IPI00396387.2	4.448	2
Guanylate kinase 1	23696	IPI00182293.4	28.571	4
H2A histone family, member Y isoform 2	39464	IPI00059366.3	55.795	22

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
H63 breast cancer expressed gene isoform a	49468	IPI00374590.1	13.761	5
HAH-P	38415	IPI00250297.1	6.907	2
Haloacid dehalogenase-like hydrolase domain containing 3	27982	IPI00009931.1	40.239	8
Haptoglobin precursor	45177	IPI00478493.1	17.734	5
HBxAg transactivated protein 2	295821	IPI00083708.2	2.886	6
HCG V	13944	IPI00030355.1	21.429	2
HDJ2 protein	29450	IPI00386128.1	58.14	9
HEAT repeat containing protein	123941	IPI00023330.2	2.174	2
Heat shock 70 kDa protein 1L	70331	IPI00301277.1	4.992	2
Heat shock 70 kDa protein 4	94240	IPI00002966.1	47.857	36
Heat shock 70 kDa protein 4L	94426	IPI00295485.1	20.501	11
Heat shock 70kDa protein 1A	69995	IPI00514377.3	60.374	48
Heat shock factor binding protein 1	8538	IPI00026052.1	90.789	4
Heat shock protein 75 kDa, mitochondrial precursor	79961	IPI00030275.4	45.455	22
Heat shock protein HSP 90-alpha	98052	IPI00382470.2	37.939	39
Heat shock protein HSP 90-beta	83081	IPI00414676.5	59.336	63
Heat shock protein, alpha-crystallin-related, B6	17141	IPI00022433.3	15	2
Heat shock-related 70 kDa protein 2	69978	IPI00007702.1	25.822	18
Heat-shock protein beta-1	22768	IPI00025512.2	90.732	21
Helicase SKI2W	137706	IPI00328125.7	8.186	6
Heme binding protein 1	21084	IPI00148063.1	61.905	7
Heme oxygenase 1	32798	IPI00215893.8	24.653	4
Heme oxygenase 2	36010	IPI00026824.1	23.734	4
Hemoglobin alpha-1 globin chain	15292	IPI00410714.1	44.366	5
Hemoglobin beta chain	15857	IPI00218816.5	38.356	4
Hep27-like protein	29512	IPI00106913.2	35.252	4
Hepatitis B virus x-interacting protein	18147	IPI00012831.2	17.341	2
Hepatoma-derived growth factor	28247	IPI00514127.1	58.594	13
Hepatoma-derived growth factor-related protein 2, isoform 2	74771	IPI00013290.4	11.243	5
Heterogeneous nuclear ribonucleoprotein A0	30822	IPI00011913.1	39.344	12
Heterogeneous nuclear ribonucleoprotein A1 isoform b	38723	IPI00215965.1	56.452	14
Heterogeneous nuclear ribonucleoprotein F	45643	IPI00003881.3	51.807	12
Heterogeneous nuclear ribonucleoprotein G	42306	IPI00304692.1	15.345	9
Heterogeneous nuclear ribonucleoprotein H'	49232	IPI00026230.1	27.394	8
Heterogeneous nuclear ribonucleoprotein H1	49198	IPI00013881.5	43.43	14
Heterogeneous nuclear ribonucleoprotein K	47528	IPI00514561.1	50.701	28
Heterogeneous nuclear ribonucleoprotein L isoform a	64092	IPI00027834.3	71.307	25

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Heterogeneous nuclear ribonucleoprotein M isoform a	77464	IPI00171903.1	60.959	34
Hexokinase domain containing 1	102478	IPI00414612.2	2.29	2
High mobility group AT-Hook 1 isoform a	11669	IPI00179700.3	23.364	2
High mobility group AT-Hook 1 isoform b	10673	IPI00177716.5	32.292	4
High mobility group protein 1	24747	IPI00419258.3	39.252	15
High mobility group protein 2	23888	IPI00219097.3	33.173	12
High mobility group protein 4	22771	IPI00217477.3	39.698	7
High-mobility group nucleosome binding domain 1	10683	IPI00220371.4	68	7
High-mobility group nucleosome binding domain 3	10660	IPI00018842.2	65.657	7
HINT4	20362	IPI00170924.1	23.626	3
Histidine triad nucleotide-binding protein 1	13662	IPI00239077.4	70.4	9
Histidine triad nucleotide-binding protein 2	17151	IPI00000335.1	41.718	4
Histidyl-tRNA synthetase	57374	IPI00021808.3	26.326	10
Histone deacetylase 1	55068	IPI00013774.1	25.519	7
Histone deacetylase 2	55290	IPI00289601.8	5.123	2
Histone deacetylase 6	131348	IPI00005711.2	2.222	2
Histone H1.0	20719	IPI00550239.3	32.124	11
Histone H1.1	21698	IPI00217469.2	24.299	2
Histone H1.2	21221	IPI00217465.4	46.698	21
Histone H1.3	22205	IPI00217466.2	27.273	7
Histone H1.4	21721	IPI00217467.2	19.266	5
Histone H1.5	22435	IPI00217468.2	17.333	4
Histone H1x	22474	IPI00021924.1	27.7	6
Histone H2A	13987	IPI00216730.1	66.923	12
Histone H2A.F/Z variant	13501	IPI00018278.1	53.906	10
Histone H2A.o	13956	IPI00216457.6	54.264	11
Histone H2A.x	15004	IPI00219037.4	47.887	6
Histone H2B.b	13797	IPI00152906.5	84	23
Histone H2B.q	13781	IPI00003935.5	29.6	4
Histone H3	15379	IPI00171611.5	56.618	6
Histone H4	11229	IPI00453473.3	71.569	22
HIV-1 induced protein HIN-1 isoform 1	116881	IPI00399254.1	5.63	3
HLA class I histocompatibility antigen, B-7 alpha chain precursor	40435	IPI00004657.1	36.74	12
HLA class II histocompatibility antigen, DR alpha chain precursor	28589	IPI00005171.1	18.898	4
HLA class II histocompatibility antigen, DW2.2/DR2.2 beta chain	22950	IPI00472169.1	25.758	4
Hlark	40914	IPI00003704.1	11.475	2
HMG20A	40119	IPI00018924.1	8.646	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
HN1 protein	16005	IPI00007764.1	25.974	2
HNRPC protein	27804	IPI00552125.1	55.6	24
HNRPR protein	71170	IPI00012074.2	34.434	26
HNRPUL1 protein	90236	IPI00167147.1	24.129	13
HNYA	47317	IPI00099996.1	6.948	2
Homogentisate 1,2-dioxygenase	49941	IPI00303174.1	9.438	2
Hook homolog 1	84595	IPI00026305.1	11.676	6
Hook homolog 3	83074	IPI00031768.1	10.028	5
HP1-BP74	61169	IPI00549250.1	35.262	24
HPBR11-4 mRNA	59172	IPI00012998.1	14.882	6
HRIHFB2072 protein	14023	IPI00000184.2	45.6	3
Hrs	86138	IPI00006176.3	13.256	9
HS1-binding protein	31601	IPI00010440.4	21.505	3
HSAJ1454	49397	IPI00419590.1	7.339	2
Hsc70-interacting protein	41305	IPI00032826.1	26.287	9
HSCARG	33323	IPI00180145.3	16.722	4
HSCO protein	27855	IPI00003766.4	24.803	4
HSD-33	46365	IPI00418446.3	28.954	12
HSDL2 protein	37296	IPI00031107.1	24.058	7
Hsp90 co-chaperone Cdc37	44440	IPI00013122.1	39.683	15
HSPC032	33309	IPI00003833.3	25.413	8
HSPC117	55175	IPI00337814.2	42.376	18
HSPC121	44394	IPI00008998.1	19.035	4
HSPC148	26594	IPI00009009.3	15.721	2
HSPC230	27924	IPI00009418.3	19.583	3
HSPC300	12368	IPI00000296.1	26.364	3
HSPC326	35841	IPI00000213.1	21.362	3
HSRBC protein	27625	IPI00056334.1	47.893	9
HSRG1849	48888	IPI00419643.1	15.217	7
HTATSF1 protein	85801	IPI00013788.1	4.636	3
Huntingtin	347639	IPI00002335.1	0.954	3
Huntingtin interacting protein 1	116148	IPI00220730.6	7.907	4
Huntingtin interacting protein 1 related	119315	IPI00024417.1	33.895	27
Huntingtin interacting protein 2	22393	IPI00021370.1	14.5	3
Hyaluronan binding protein 4	45758	IPI00018583.3	5.811	2
Hydroxyacylglutathione hydrolase	28842	IPI00003933.1	26.923	7
Hydroxymethylglutaryl-CoA lyase, mitochondrial precursor	34338	IPI00293564.5	13.231	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hydroxymethylglutaryl-CoA synthase, cytoplasmic	57257	IPI00008475.1	12.692	3
Hydroxymethylglutaryl-CoA synthase, mitochondrial precursor	56599	IPI00008934.1	9.055	2
Hypothetical protein	41651	IPI00045536.1	28.729	8
Hypothetical protein	27318	IPI00014197.1	51.938	7
Hypothetical protein	164563	IPI00240812.2	8.086	7
Hypothetical protein	51232	IPI00168878.1	22.979	5
Hypothetical protein	48495	IPI00217053.5	15.302	5
Hypothetical protein	94989	IPI00419692.1	7.309	5
Hypothetical protein	23823	IPI00010402.2	30.973	4
Hypothetical protein	20621	IPI00165652.1	29.016	3
Hypothetical protein	31424	IPI00180637.4	19.485	3
Hypothetical protein	46869	IPI00103654.1	11.271	3
Hypothetical protein	80866	IPI00044765.2	6.767	3
Hypothetical protein	103623	IPI00470582.2	5.902	3
Hypothetical protein	14017	IPI00166684.2	23.333	2
Hypothetical protein	32856	IPI00387103.1	10.265	2
Hypothetical protein	57620	IPI00217661.1	9.982	2
Hypothetical protein	29927	IPI00376481.1	9.818	2
Hypothetical protein	91919	IPI00293161.1	2.604	2
Hypothetical protein ABCF3	79695	IPI00465160.3	21.016	7
Hypothetical protein C12orf5	30043	IPI00006907.1	8.148	2
Hypothetical protein DKFZp313B047	170536	IPI00013452.7	32.011	38
Hypothetical protein DKFZp313K0719	37145	IPI00456965.3	13.456	3
Hypothetical protein DKFZp313M1333	26407	IPI00102897.3	11.864	3
Hypothetical protein DKFZp434C2415	44834	IPI00015736.3	21.782	6
Hypothetical protein DKFZp434N1923	39924	IPI00008941.1	9.302	2
Hypothetical protein DKFZp451D234	109119	IPI00031583.2	42.24	33
Hypothetical protein DKFZp451I106	166775	IPI00001580.2	6.563	6
Hypothetical protein DKFZp451M1911	63832	IPI00396131.2	7.692	2
Hypothetical protein DKFZp451P021	117821	IPI00023647.2	9.791	5
Hypothetical protein DKFZp547F213	46855	IPI00026638.2	11.033	2
Hypothetical protein DKFZp564C246	54447	IPI00295598.3	8.368	3
Hypothetical protein DKFZp564D1378	28518	IPI00300285.3	25.483	5
Hypothetical protein DKFZp564I206	33475	IPI00023086.2	31.757	7
Hypothetical protein DKFZp564O2082	28705	IPI00022963.3	16.872	2
Hypothetical protein DKFZp566B1046	37924	IPI00100192.3	20.238	6
Hypothetical protein DKFZp566G013	11421	IPI00455369.1	59.223	7



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hypothetical protein DKFZp566G1246	30500	IPI00220945.4	25.795	4
Hypothetical protein DKFZP566N034	31449	IPI00152253.1	7.612	2
Hypothetical protein DKFZp566N1646	139772	IPI00178187.1	3.818	2
Hypothetical protein DKFZp586C1924	21513	IPI00031064.1	24.103	2
Hypothetical protein DKFZp586K2222	32658	IPI00000230.5	17.958	4
Hypothetical protein DKFZp667H197	100097	IPI00107570.2	5.975	5
Hypothetical protein DKFZp686A01246	90044	IPI00030828.2	10.599	5
Hypothetical protein DKFZp686A0439	73564	IPI00448751.2	47.766	25
Hypothetical protein DKFZp686B146	214058	IPI00029778.2	6.829	7
Hypothetical protein DKFZp686B19246	147177	IPI00303063.6	9.217	6
Hypothetical protein DKFZp686C0249	101234	IPI00163644.2	5.393	2
Hypothetical protein DKFZp686C1054	48460	IPI00465054.1	12.073	4
Hypothetical protein DKFZp686C2251	241468	IPI00470478.1	2.649	3
Hypothetical protein DKFZp686D22204	119813	IPI00413456.1	5.051	4
Hypothetical protein DKFZp686E1950	117994	IPI00418336.2	6.232	3
Hypothetical protein DKFZp686F1544	80118	IPI00375652.1	3.841	2
Hypothetical protein DKFZp686F1612	94578	IPI00027443.4	15.403	10
Hypothetical protein DKFZp686H22247	152494	IPI00374029.5	4.705	3
Hypothetical protein DKFZp686I04222	46340	IPI00413451.1	42.054	14
Hypothetical protein DKFZp686J13163	36277	IPI00470475.1	22.43	4
Hypothetical protein DKFZp686J1375	54142	IPI00375843.1	8.214	3
Hypothetical protein DKFZp686K2075	117685	IPI00030940.3	7.102	6
Hypothetical protein DKFZp686L08245	111655	IPI00167111.2	7.15	5
Hypothetical protein DKFZp686L1653	182362	IPI00385001.1	2.196	2
Hypothetical protein DKFZp686L17106	193961	IPI00328115.2	1.583	2
Hypothetical protein DKFZp686M09245	61559	IPI00298520.3	44.384	20
Hypothetical protein DKFZp686M1045	155141	IPI00218093.4	8.927	6
Hypothetical protein DKFZp686M21196	58545	IPI00386700.3	37.358	16
Hypothetical protein DKFZp686O0870	238031	IPI00414481.2	0.9	2
Hypothetical protein DKFZp727A151	70725	IPI00329625.1	7.765	2
Hypothetical protein DKFZp761B107	30673	IPI00296473.5	15.73	3
Hypothetical protein DKFZp761H2016	72496	IPI00023785.3	30.982	19
Hypothetical protein DKFZp761I172	52043	IPI00027778.3	9.957	2
Hypothetical protein DKFZp761I2217	102838	IPI00554587.1	31.961	21
Hypothetical protein DKFZp762P042	124515	IPI00178072.5	15.577	9
Hypothetical protein DKFZp779B0247	90498	IPI00398121.3	16.605	12
Hypothetical protein DKFZp781I1117	60379	IPI00159072.2	15.771	6

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hypothetical protein DKFZp781I1455	118905	IPI00553043.1	8.515	4
Hypothetical protein DKFZp781K1356	13554	IPI00412545.4	65.517	11
Hypothetical protein EIF3S9	92295	IPI00334191.5	15.99	9
Hypothetical protein FLJ10005	55030	IPI00019996.1	7.045	3
Hypothetical protein FLJ10702	21525	IPI00018871.1	38.172	7
Hypothetical protein FLJ10856	40658	IPI00019381.3	9.141	3
Hypothetical protein FLJ10948	28094	IPI00019485.5	16.858	3
Hypothetical protein FLJ10996	67010	IPI00154668.3	4.522	2
Hypothetical protein FLJ11051	54766	IPI00304716.4	6.625	2
Hypothetical protein FLJ11273	31094	IPI00171002.2	13.869	3
Hypothetical protein FLJ11342	33911	IPI00020075.3	37.908	7
Hypothetical protein FLJ11619	52560	IPI00153055.3	18.062	5
Hypothetical protein FLJ12118	62185	IPI00336016.3	11.17	3
Hypothetical protein FLJ12240	54748	IPI00032263.3	9.703	3
Hypothetical protein FLJ12443	59113	IPI00171626.3	7.116	3
Hypothetical protein FLJ12618	50284	IPI00016458.1	7.991	2
Hypothetical protein FLJ12910	51140	IPI00002270.3	8.163	3
Hypothetical protein FLJ13071	61891	IPI00386418.3	27.951	12
Hypothetical protein FLJ13081	72934	IPI00414458.3	4.517	3
Hypothetical protein FLJ13092	20051	IPI00027397.3	34.211	4
Hypothetical protein FLJ13194	19386	IPI00018627.1	23.077	3
Hypothetical protein FLJ13488	65446	IPI00255552.3	5.709	2
Hypothetical protein FLJ13968	28057	IPI00011996.1	15.041	3
Hypothetical protein FLJ14038	41917	IPI00303568.3	33.422	7
Hypothetical protein FLJ14198	13190	IPI00549809.2	16.667	2
Hypothetical protein FLJ14257	42622	IPI00002496.1	24.289	6
Hypothetical protein FLJ14347	28267	IPI00022300.4	17.213	4
Hypothetical protein FLJ14456	147087	IPI00165528.1	4.584	4
Hypothetical protein FLJ14742	90487	IPI00045839.1	4.229	2
Hypothetical protein FLJ14844	17260	IPI00412792.2	81.013	9
Hypothetical protein FLJ14938	55838	IPI00024642.2	9.524	3
Hypothetical protein FLJ16627	83841	IPI00442171.3	5.777	2
Hypothetical protein FLJ16726	20359	IPI00442073.3	28.272	5
Hypothetical protein FLJ20036	61088	IPI00020991.2	11.552	4
Hypothetical protein FLJ20101	37698	IPI00014893.3	10.746	3
Hypothetical protein FLJ20171	40083	IPI00184262.4	14.804	2
Hypothetical protein FLJ20254	77172	IPI00465314.1	8.853	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hypothetical protein FLJ20257	74310	IPI00021320.2	5.951	3
Hypothetical protein FLJ20323	98764	IPI00301987.5	6.499	4
Hypothetical protein FLJ20420	26136	IPI00015833.1	43.172	14
Hypothetical protein FLJ20431	19320	IPI00335001.1	16.571	2
Hypothetical protein FLJ20455	27609	IPI00016405.1	25.306	4
Hypothetical protein FLJ20498	46558	IPI00005065.3	5.896	2
Hypothetical protein FLJ20534	39411	IPI00016532.2	11.85	2
Hypothetical protein FLJ20580	18037	IPI00016605.3	15.625	2
Hypothetical protein FLJ20920	68123	IPI00304071.3	5.203	2
Hypothetical protein FLJ21011	55464	IPI00329662.3	5.347	2
Hypothetical protein FLJ21870	33384	IPI00253323.2	13.125	3
Hypothetical protein FLJ21935	83740	IPI00414315.5	16.42	5
Hypothetical protein FLJ22221	38926	IPI00184854.1	8.451	2
Hypothetical protein FLJ22321	40211	IPI00012199.1	14.722	4
Hypothetical protein FLJ22346	81826	IPI00028307.2	9.03	4
Hypothetical protein FLJ23617	28025	IPI00383046.1	9.796	2
Hypothetical protein FLJ23795	14117	IPI00152670.1	15.2	2
Hypothetical protein FLJ23923	88260	IPI00396527.2	9.359	4
Hypothetical protein FLJ25219	13967	IPI00059185.3	28.455	3
Hypothetical protein FLJ25678	32530	IPI00017672.2	21.843	4
Hypothetical protein FLJ30596	31696	IPI00043744.3	16.487	3
Hypothetical protein FLJ30656	21746	IPI00410324.1	12.308	2
Hypothetical protein FLJ30959	67238	IPI00043638.1	13.058	4
Hypothetical protein FLJ30968	50426	IPI00043637.3	6.769	2
Hypothetical protein FLJ31051	43057	IPI00043598.1	8.753	2
Hypothetical protein FLJ31970	47039	IPI00028369.2	15.366	4
Hypothetical protein FLJ32070	84023	IPI00293312.5	6.341	3
Hypothetical protein FLJ32103	62125	IPI00250430.5	6.412	2
Hypothetical protein FLJ32464	85631	IPI00065486.1	6.005	2
Hypothetical protein FLJ32642	44313	IPI00302660.2	11.587	3
Hypothetical protein FLJ32899	30326	IPI00384646.6	13.919	2
Hypothetical protein FLJ33312	79393	IPI00301051.3	16.667	7
Hypothetical protein FLJ34283	23283	IPI00168112.1	11.364	2
Hypothetical protein FLJ35097	48584	IPI00554589.1	13.287	4
Hypothetical protein FLJ35162	56758	IPI00465074.2	7.143	3
Hypothetical protein FLJ36878	54141	IPI00167764.1	13.189	4
Hypothetical protein FLJ38426	37197	IPI00167572.3	26.364	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hypothetical protein FLJ39091	38474	IPI00167515.1	21.937	5
Hypothetical protein FLJ39603	22691	IPI00513884.3	38.424	4
Hypothetical protein FLJ41975	17468	IPI00446538.1	34.641	4
Hypothetical protein FLJ42340	55522	IPI00446294.1	25.641	7
Hypothetical protein FLJ45102	130708	IPI00179437.5	4.518	3
Hypothetical protein FLJ45505	34738	IPI00027799.2	12.418	3
Hypothetical protein FLJ45525	53895	IPI00299571.4	51.423	22
Hypothetical protein FLJ45893	132225	IPI00418799.1	3.025	2
Hypothetical protein FLJ46472	73931	IPI00443799.1	4.956	2
Hypothetical protein FLJ46603	23397	IPI00397645.4	7.512	4
Hypothetical protein FLJ46687	42831	IPI00477962.1	15.885	4
Hypothetical protein FLJ46846	180575	IPI00418700.1	8.46	6
Hypothetical protein FLJ90143	52053	IPI00296197.1	11.28	2
Hypothetical protein FLJ90159	31004	IPI00446874.3	13.194	3
Hypothetical protein FLJ90162	25733	IPI00296190.3	8.297	2
Hypothetical protein FLJ90173	34013	IPI00470674.3	30.82	9
Hypothetical protein FLJ90226	35956	IPI00329606.1	38.462	8
Hypothetical protein FLJ90251	62851	IPI00045764.2	7.13	2
Hypothetical protein FLJ90478	56940	IPI00168336.1	5.567	2
Hypothetical protein FLJ90697	47121	IPI00329600.3	30.07	8
Hypothetical protein FLJ90742	40718	IPI00171445.1	11.634	2
Hypothetical protein HSPC016	7062	IPI00006378.3	40.625	3
Hypothetical protein JFP2	28569	IPI00065475.2	9.774	2
Hypothetical protein KIAA0102	24833	IPI00220125.2	32.589	8
Hypothetical protein KIAA0152	32214	IPI00029046.1	36.301	7
Hypothetical protein KIAA0153	74356	IPI00029048.2	9.006	4
Hypothetical protein KIAA0156	109865	IPI00006025.1	9.346	5
Hypothetical protein KIAA0776	89540	IPI00396421.2	20.655	12
Hypothetical protein KIAA1185	63434	IPI00170935.1	24.014	9
Hypothetical protein LOC115098	25820	IPI00060627.1	17.489	4
Hypothetical protein LOC126208	40417	IPI00056880.5	10.471	3
Hypothetical protein LOC162427	51364	IPI00254338.1	5.15	2
Hypothetical protein LOC196463	65430	IPI00169285.3	11.885	3
Hypothetical protein LOC285636	33599	IPI00374272.3	12.925	2
Hypothetical protein LOC64744	46755	IPI00102856.3	5.128	2
Hypothetical protein LOC90580	29215	IPI00157215.4	11.538	2
Hypothetical protein LOC90624	11947	IPI00329321.3	24.038	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Hypothetical protein LOC91942	19844	IPI00031109.4	46.154	5
Hypothetical protein LOC92689	60787	IPI00031670.3	17.94	7
Hypothetical protein MGC14289	32923	IPI00062866.3	8	2
Hypothetical protein MGC26818	21209	IPI00152199.3	15.657	2
Hypothetical protein MGC2803	18408	IPI00031526.3	14.773	2
Hypothetical protein MGC29816	50879	IPI00395463.3	9.272	2
Hypothetical protein MGC49942	17889	IPI00373869.3	43.605	4
Hypothetical protein MGC5352	27988	IPI00063242.3	13.333	4
Hypothetical protein MGC5395	16180	IPI00031605.1	38	2
Hypothetical protein MGC5508	26194	IPI00031697.1	9.465	3
Hypothetical protein PD2	59939	IPI00300333.3	3.955	2
Hypothetical protein PRO1855	34909	IPI00396321.1	34.202	11
Hypothetical protein PSEC0072	38997	IPI00168884.2	25.143	5
Hypothetical protein PSEC0098	23792	IPI00171421.1	24.519	3
Hypothetical protein PSEC0119	61605	IPI00465308.1	8.288	2
Hypothetical protein PSEC0197	64090	IPI00166395.1	7.292	3
Hypothetical protein PSEC0198	37517	IPI00166394.1	11.662	3
Hypothetical protein PSEC0241	71590	IPI00168262.1	6.592	3
Hypothetical zinc finger protein KIAA1196	97202	IPI00074893.1	2.803	2
Hypoxanthine-guanine phosphoribosyltransferase	24433	IPI00218493.6	50.691	8
IkappaB kinase complex-associated protein	150096	IPI00293735.1	2.027	2
Immature colon carcinoma transcript 1	23615	IPI00029114.1	12.621	2
Immunoglobulin-binding protein 1	39198	IPI00019148.1	11.209	2
Import inner membrane translocase subunit TIM44, mitochondrial precursor	51323	IPI00306516.1	25.221	11
Importin 7	119440	IPI00007402.1	3.083	2
Importin 9	115889	IPI00185146.3	5.187	3
Importin beta-1 subunit	97108	IPI00001639.2	22.374	16
Importin beta-3	125864	IPI00329200.4	8.594	6
Inhibitor of apoptosis stimulating protein of p53	89036	IPI00439948.2	4.469	3
Inhibitor of kappaB kinase gamma	55751	IPI00002411.2	7.392	2
INM02	28345	IPI00384722.1	10.902	2
Inner nuclear membrane protein Man1	99935	IPI00032491.1	5.708	3
Inorganic pyrophosphatase	32639	IPI00015018.1	53.287	15
Inosine triphosphate pyrophosphatase	21432	IPI00018783.1	35.052	4
Inosine-5'-monophosphate dehydrogenase 2	55770	IPI00291510.3	31.518	16
Inositol 1,4,5-trisphosphate receptor type 3	303844	IPI00291607.1	6.327	10
Inositol monophosphatase	30169	IPI00020906.1	31.769	8

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Inositol monophosphatase 2	31301	IPI00023635.1	12.847	3
Inositol polyphosphate 1-phosphatase	43970	IPI00027139.1	19.549	3
Insulin precursor	11973	IPI00001508.1	78.182	21
Insulin receptor tyrosine kinase substrate	56847	IPI00179326.7	8.219	2
Insulin-degrading enzyme	117815	IPI00220373.3	6.287	3
Insulin-like growth factor binding protein 2 precursor	35114	IPI00297284.1	16.463	3
Insulin-like growth factor binding protein 3 precursor	31640	IPI00018305.1	6.186	2
Insulin-like growth factor binding protein 5 precursor	30550	IPI00029236.1	22.426	6
Insulin-like growth factor binding protein 7 precursor	29111	IPI00016915.1	12.411	2
Insulinoma-glucagonoma protein 20	183152	IPI00103536.1	1.7	2
Integrin alpha-2 precursor	129214	IPI00013744.1	5.927	4
Integrin alpha-V precursor	115978	IPI00027505.1	20.038	12
Integrin beta-5 precursor	87996	IPI00029741.1	3.504	2
Integrin-linked protein kinase 1	51386	IPI00013219.1	7.743	3
Intercellular adhesion molecule-1 precursor	57790	IPI00008494.3	9.398	3
Interferon regulatory factor 2 binding protein 2	60987	IPI00376199.2	14.991	4
Interferon-induced guanylate-binding protein 1	67860	IPI00028564.1	5.236	2
Interferon-induced guanylate-binding protein 2	67140	IPI00028565.3	9.475	4
Interferon-induced protein with tetratricopeptide repeats 3	55950	IPI00024254.3	2.857	2
Interferon-regulated resistance GTP-binding protein MxA	75356	IPI00167949.5	10.59	3
I-plastin	70308	IPI00032304.1	19.396	8
IQ motif containing GTPase activating protein 2	180500	IPI00299048.3	10.857	10
IQSEC1 protein	91941	IPI00006669.5	5.897	3
Iron-responsive element binding protein 1	98337	IPI00008485.1	33.858	21
ISOC2 protein	22323	IPI00551022.2	62.439	8
Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial precursor	39566	IPI00030702.1	43.169	13
Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor	42767	IPI00220150.4	13.232	3
Isocitrate dehydrogenase [NADP] cytoplasmic	46630	IPI00027223.2	68.599	26
Isocitrate dehydrogenase [NADP], mitochondrial precursor	50877	IPI00011107.2	42.478	21
Isoleucyl-tRNA synthetase, cytoplasmic	144866	IPI00013234.1	14.771	16
Isopentenyl-dlphosphate delta Isomerase	32465	IPI00220014.2	11.972	3
Isovaleryl-CoA dehydrogenase, mitochondrial precursor	46290	IPI00032297.1	24.586	7
ITBA2 protein	14795	IPI00032314.2	39.86	2
JKTBP2	46409	IPI00011274.1	34.048	13
JM1 protein	70712	IPI00022265.3	26.316	10
JNK-associated leucine-zipper protein	145046	IPI00218097.1	10.069	7
Junctional adhesion molecule 1 precursor	32562	IPI00001754.1	7.023	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
KARP-1-binding protein	164439	IPI00186194.3	1.413	2
KAT protein	13181	IPI00168904.2	54.098	4
Keratin 18	48029	IPI00220985.6	81.628	53
Keratin 19	44079	IPI00479145.1	92	50
Keratin 8	53717	IPI00418411.2	66.667	34
Keratin, type I cytoskeletal 16	51105	IPI00217963.2	6.356	2
Keratin, type I cytoskeletal 17	47945	IPI00450768.4	11.137	5
Keratin, type I cytoskeletal 23	48038	IPI00304458.1	24.645	8
Keratin, type II cytoskeletal 1	65847	IPI00220327.2	3.733	2
Keratin, type II cytoskeletal 5	62409	IPI00009867.2	12.034	6
Keratin, type II cytoskeletal 6B	59831	IPI00293665.6	13.677	6
Keratin, type II cytoskeletal 7	51255	IPI00306959.7	63.034	32
Keratin, type II cytoskeletal 8	53510	IPI00554648.1	71.992	36
Ketosamine-3-kinase	34390	IPI00099986.5	9.709	4
KHSRP protein	72851	IPI00479786.1	38.31	22
KIAA0062 protein	58379	IPI00014236.4	6.215	2
KIAA0066 protein	110454	IPI00014235.1	16.004	10
KIAA0157 protein	34798	IPI00299517.2	6.431	2
KIAA0170 protein	226595	IPI00291929.3	1.77	2
KIAA0251 protein	86653	IPI00384689.2	26.523	13
KIAA0291; similar rodent cytoplasmic linker protein CLIP-115 and restin	115767	IPI00019642.1	5.354	4
KIAA0372	175375	IPI00005634.3	3.453	5
KIAA0564 protein isoform a	214689	IPI00158296.2	5.354	8
KIAA0676 protein isoform a	140436	IPI00307257.2	4.96	4
KIAA0685 protein	101182	IPI00375638.4	5.794	3
KIAA0690	143611	IPI00101186.4	6.476	5
KIAA0731 protein	123434	IPI00185919.3	10.31	7
KIAA0747 protein	122780	IPI00022143.3	26.268	21
KIAA0804 protein isoform a	161650	IPI00464985.3	1.821	2
KIAA0977 protein	132004	IPI00007133.2	3.314	3
KIAA1033 protein	136316	IPI00298991.4	2.984	3
KIAA1048 protein	97667	IPI00298977.4	15.831	8
KIAA1124 protein	199084	IPI00005689.2	9.034	10
KIAA1168 protein	148160	IPI00099473.1	9.368	10
KIAA1228 protein	98840	IPI00409635.1	8.287	4
KIAA1244	232669	IPI00179164.2	4.558	7
KIAA1295 protein	60172	IPI00023832.1	4	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
KIAA1363 protein	49031	IPI00002230.2	17.5	6
KIAA1463 protein	171382	IPI00465045.2	2.348	2
KIAA1604 protein	85908	IPI00177381.5	2.807	2
KIAA1626 protein	140718	IPI00288962.1	6.464	6
KIAA1802 protein	90082	IPI00064212.1	4.385	3
KIAA2010 protein	103599	IPI00217013.1	7.717	5
Kinase-like protein	89575	IPI00102059.1	8.045	3
Kinesin heavy chain	109617	IPI00012837.1	52.544	43
Kinesin heavy chain isoform 5C	109427	IPI00028561.1	29.781	24
Kinesin light chain 2	68892	IPI00021634.3	29.743	12
KINESIN-13A1	196962	IPI00164861.2	2.049	3
Kinesin-associated protein 3	91146	IPI00515034.1	6.692	3
Kinesin-like protein 8	69285	IPI00398807.2	10.24	4
Kinesin-like protein KIF1A	190964	IPI00300529.6	2.308	3
Kinesin-like protein KIF3A	80335	IPI00000455.4	13.818	5
Kinesin-like protein KIF3B	85073	IPI00004533.1	18.608	10
KRT19 protein	46179	IPI00171834.3	11.429	5
Kunitz-type protease inhibitor 2 precursor	28210	IPI00011662.1	21.429	3
Kynureninase	52318	IPI00003818.1	14.839	3
Kynurenine aminotransferase III	51368	IPI00465373.1	11.894	3
L23-related gene protein	17770	IPI00293476.3	26.797	2
La binding protein 1	79767	IPI00465429.1	7.91	4
Lactotransferrin precursor	78288	IPI00298860.3	5.063	3
Lactoylglutathione lyase	20575	IPI00220766.3	49.18	5
Ladinin 1	57123	IPI00514234.1	4.449	2
LAG1 longevity assurance homolog 2	38495	IPI00305304.2	6.481	2
Lambda-crystallin homolog	34278	IPI00006443.1	11.29	3
Lamin B receptor	70658	IPI00292135.1	5.366	3
Lamin B1	66237	IPI00217975.3	42.051	31
Lamin B2	67647	IPI00009771.4	54.667	39
Lamina-associated polypeptide 2 isoform alpha	75315	IPI00216230.2	9.812	2
Laminin beta-1 chain precursor	197937	IPI00013976.1	11.646	10
Laminin beta-3 chain precursor	129489	IPI00299404.1	3.157	3
Laminin gamma-1 chain precursor	177492	IPI00298281.3	7.769	8
Lanosterol synthase	83255	IPI00009747.1	3.552	2
LAP3 protein	56101	IPI00419237.1	36.802	15
Large neutral amino acids transporter small subunit 1	54974	IPI00008986.1	3.156	2



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Large neutral amino acids transporter small subunit 2	58344	IPI00296114.1	7.29	2
Late endosomal/lysosomal Mp1 interacting protein	13499	IPI00032409.1	46.4	2
Latexin	25753	IPI00106687.1	13.514	2
Lens epithelium-derived growth factor p75	60067	IPI00028122.1	19.245	7
LEREPO4 protein	48573	IPI00000279.2	11.737	3
Leucine zipper protein	30087	IPI00291893.3	10.039	2
Leucine zipper transcription factor-like 1	34570	IPI00478250.3	18.395	4
Leucine zipper transcription factor-like 1	34572	IPI00299465.6	10.702	2
Leucine zipper-EF-hand containing transmembrane protein 1	83302	IPI00017592.1	30.447	15
Leucine-rich repeat protein SHOC-2	64847	IPI00298928.1	3.78	2
Leucine-rich repeat transmembrane protein FLRT3 precursor	72957	IPI00002320.1	3.698	2
Leucine-rich repeat-containing protein 8	94139	IPI00002070.4	3.457	2
Leucine-rich repeats and calponin homology (CH) domain containing 3	78753	IPI00396561.3	3.652	2
Leucyl-tRNA synthetase, cytoplasmic	134379	IPI00103994.4	21.599	16
Leukocyte elastase inhibitor	42715	IPI00027444.1	62.533	26
Leukophysin	24321	IPI00155723.3	36.596	5
Leukotriene A4 hydroLase	69241	IPI00219077.1	46.481	21
L-fucose kinase	107209	IPI00418741.5	8.081	5
LIM and cysteine-rich domains protein 1	40806	IPI00303258.3	20.274	6
LIM and SH3 domain protein 1	29698	IPI00000861.1	58.621	15
Limbic system-associated membrane protein precursor	37285	IPI00013303.1	4.142	2
LIM-nebulette	31176	IPI00418240.1	23.704	3
LIN-7 homolog C	21820	IPI00019997.1	32.995	3
Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex, mitochondrial precursor	53453	IPI00003944.1	10.373	4
Lipocalin 2	22774	IPI00299547.2	21	4
Lipopolysaccharide-responsive and beige-like anchor protein	318959	IPI00002255.4	5.623	12
LISCH protein, isoform 2	71394	IPI00409640.1	7.242	3
Lithostathine 1 alpha precursor	18719	IPI00009027.1	53.614	7
Lithostathine 1 beta precursor	18653	IPI00009197.1	26.506	4
Liver carboxylesterase 1 precursor	62481	IPI00010180.3	48.325	19
L-lactate dehydrogenase A chain	36534	IPI00217966.4	52.266	18
L-lactate dehydrogenase B chain	36484	IPI00219217.2	39.339	13
LLGL2 protein	113333	IPI00465050.1	3.431	3
LOC158931 protein	22285	IPI00056312.2	15	2
LOC283377 protein	23084	IPI00291643.3	12.56	2
LOC286257 protein	21626	IPI00030968.3	21.569	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
LOC493856 protein	15268	IPI00166865.3	31.111	3
LOC63929 protein	56969	IPI00334597.3	11.243	2
LOC93343 protein	28765	IPI00063217.5	13.187	2
Lon protease homolog, mitochondrial precursor	106422	IPI00005158.1	36.184	25
Low-density lipoprotein receptor-related protein 1 precursor	504245	IPI00020557.1	0.484	2
L-plastin	70245	IPI00010471.1	17.544	5
LPP	65704	IPI00023704.1	13.889	7
LRR FLI-I interacting protein 2	82121	IPI00007277.1	12.899	6
LUC7-like 2	47591	IPI00006932.1	34.826	13
Lung cancer oncogene 7	37865	IPI00013896.2	39.769	12
Lupus La protein	46808	IPI00009032.1	53.431	24
L-xylulose reductase	25897	IPI00448095.3	44.672	6
Lymphocyte antigen	18517	IPI00552969.1	14.634	2
LYRIC protein	63799	IPI00328715.4	36.426	15
Lysophospholipase-like 1	26299	IPI00059762.3	20.675	3
Lysosomal acid phosphatase precursor	48285	IPI00003807.6	8.274	2
Lysosomal alpha-glucosidase precursor	105794	IPI00293088.4	35.423	25
Lysosomal Pro-X carboxypeptidase precursor	55764	IPI00001593.1	10.887	4
Lysosome membrane protein II	54124	IPI00217766.2	21.593	9
Lysosome-associated membrane glycoprotein 1 precursor	44563	IPI00004503.3	14.458	9
Lysozyme C precursor	16526	IPI00019038.1	14.189	3
Lysyl oxidase homolog 4 precursor	84429	IPI00306402.3	7.937	4
Lysyl-tRNA synthetase	68005	IPI00014238.2	36.516	16
Maba1	111295	IPI00295813.2	4.245	4
Macrophage capping protein	38494	IPI00027341.1	16.954	4
Macrophage migration inhibitory factor	12337	IPI00293276.7	40.351	4
Mago-nashi homolog	17265	IPI00059292.3	25	3
MAGUK p55 subfamily member 6	61079	IPI00303280.4	15.185	6
Major vault protein	99135	IPI00000105.3	68.049	59
Malate dehydrogenase, cytoplasmic	36272	IPI00291005.7	54.955	18
Malate dehydrogenase, mitochondrial precursor	35509	IPI00291006.1	69.527	30
Maleylacetoacetate isomerase	24167	IPI00013809.1	28.241	3
Malonyl-CoA decarboxylase, mitochondrial precursor	54969	IPI00000663.1	5.68	2
Mannose-6-phosphate isomerase	46495	IPI00219358.2	13.981	3
Mannosidase, alpha, class 2B, MeMber 1 precursor	113672	IPI00012989.2	14.837	10
Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA	73021	IPI00291641.5	16.845	8
Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB	72957	IPI00009145.1	5.148	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Mannosyl-oligosaccharide glucosidase	91851	IPI00328170.8	25.329	13
MAP2 protein	58919	IPI00216900.1	38.998	18
MARCKSL1 protein	19521	IPI00220803.3	14.359	2
MAT2B protein	37540	IPI00002324.2	23.353	4
Matrin 3	94565	IPI00017297.1	44.392	35
Matrix metalloproteinase-14 precursor	65842	IPI00218398.5	7.904	4
MAWD binding protein	31765	IPI00024896.2	31.597	5
MBC3205	21184	IPI00063130.1	18.519	4
Megakaryocyte stimulating factor	150998	IPI00024825.1	4.701	5
Membrane associated progesterone receptor component 1	21527	IPI00220739.2	40.722	6
Membrane associated progesterone receptor component 2	23804	IPI00005202.1	29.596	5
Membrane component, chromosome 11, surface marker 1, isoform 1	78318	IPI00150961.2	21.439	12
Membrane copper amine oxidase	84568	IPI00004457.1	4.718	3
Membrane protein	21161	IPI00026111.2	15.426	2
Metalloprotease 1	117555	IPI00219613.3	15.222	12
Metalloproteinase inhibitor 1 precursor	23156	IPI00032292.1	7.246	2
Metalloproteinase inhibitor 2 precursor	24383	IPI00027166.1	16.818	3
Metastasis-associated protein MTA2	74976	IPI00171798.1	13.174	4
Metaxin 1 isoform 1	51445	IPI00013678.2	7.94	3
Metaxin 2	29744	IPI00025717.1	23.574	7
Methionine aminopeptidase 1	43187	IPI00022239.7	6.218	2
Methionine aminopeptidase 2	52858	IPI00033036.1	10.46	3
Methionyl-tRNA synthetase	101052	IPI00008240.2	21.556	15
Methyl-CpG-binding protein 2	52409	IPI00418234.3	39.3	15
Methylcrotonoyl-CoA carboxylase alpha chain, mitochondrial precursor	80382	IPI00024580.3	19.724	8
Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial precursor	57803	IPI00024990.6	19.813	6
Methylmalonic aciduria type A protein, mitochondrial precursor	46509	IPI00217023.1	7.416	2
Methylmalonyl-CoA epiMerase	18694	IPI00107722.3	46.023	5
Methylmalonyl-CoA mutase, mitochondrial precursor	83049	IPI00024934.3	23.867	11
MGC10540 protein	20735	IPI00031655.1	39.773	3
MGC11257 protein	22070	IPI00031651.1	14.433	3
MGC16733 protein	108102	IPI00446765.1	2.7	2
MGC29649 protein	20000	IPI00175096.1	15.789	2
MGC40499 protein	28292	IPI00102962.2	11.29	2
MGC52000 protein	50494	IPI00328571.1	9.829	3
MHC class II DR-beta precursor	30011	IPI00449584.1	17.293	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
MHC class II lymphocyte antigen beta chain precursor	29111	IPI00472604.1	14.341	2
MIC2L1 isoform E4	20288	IPI00152488.1	14.737	2
Microsomal dipeptidase precursor	45635	IPI00059476.4	8.029	2
Microsomal glutathione S-transferase 3	18405	IPI00024266.2	22.289	2
Microsomal signal peptidase 12 kDa subunit	11797	IPI00219755.6	34.314	3
Microsomal signal peptidase 18 kDa subunit	20612	IPI00104128.3	13.966	3
Microsomal signal peptidase 21 kDa subunit	21397	IPI00219436.2	21.99	5
Microsomal signal peptidase 23 kDa subunit	20766	IPI00300299.3	13.661	2
Microtubule-associated protein 1A	306749	IPI00020356.3	3.422	6
Microtubule-associated protein 1B	270454	IPI00008868.3	29.335	52
Microtubule-associated protein RP/EB family member 1	29849	IPI00017596.2	61.798	17
Microtubule-associated tau protein	42925	IPI00220175.2	18.204	4
Mid-1-related chloride channel 1	61983	IPI00045511.1	7.078	2
Mitochondrial 28S ribosomal protein S10	22985	IPI00061245.4	26.368	2
Mitochondrial 28S ribosomal protein S14	15129	IPI00005050.1	21.875	2
Mitochondrial 28S ribosomal protein S21	10734	IPI00014812.1	32.184	2
Mitochondrial 28S ribosomal protein S22	41254	IPI00013146.1	17.222	5
Mitochondrial 28S ribosomal protein S25	20103	IPI00013167.1	19.653	2
Mitochondrial 28S ribosomal protein S28	20830	IPI00022276.3	22.995	4
Mitochondrial 28S ribosomal protein S28	36821	IPI00073779.1	15.17	3
Mitochondrial 28S ribosomal protein S29	45538	IPI00018120.1	31.658	6
Mitochondrial 28S ribosomal protein S32	16650	IPI00022320.1	14.789	2
Mitochondrial 28S ribosomal protein S34	25634	IPI00169413.1	26.606	3
Mitochondrial 28S ribosomal protein S36	11459	IPI00020495.1	61.165	5
Mitochondrial 28S ribosomal protein S6	14087	IPI00305668.6	29.839	2
Mitochondrial 2-oxoglutarate/malate carrier protein	33909	IPI00219729.2	15.655	2
Mitochondrial 39S ribosomal protein L27	16063	IPI00009444.3	26.351	3
Mitochondrial 39S ribosomal protein L3	38608	IPI00012353.1	12.644	2
Mitochondrial 39S ribosomal protein L49	19186	IPI00013195.1	22.289	3
Mitochondrial 39S ribosomal protein L50	18313	IPI00329036.2	36.709	3
Mitochondrial chaperone BCS1	47504	IPI00003985.1	8.115	2
Mitochondrial glutamate carrier 1	34448	IPI00003004.1	8.669	2
Mitochondrial import inner membrane translocase subunit TIM10	10326	IPI00001543.1	16.667	2
Mitochondrial import inner membrane translocase subunit TIM9 A	10371	IPI00001541.1	52.809	3
Mitochondrial import receptor subunit TOM22 homolog	15512	IPI00024976.3	42.958	3
Mitochondrial import receptor subunit TOM34	34538	IPI00009946.4	46.926	10
Mitochondrial intermediate peptidase, mitochondrial precursor	80560	IPI00241860.3	4.909	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Mitochondrial isoleucine tRNA synthetase	113719	IPI00017283.2	11.66	7
Mitochondrial precursor proteins import receptor	67412	IPI00015602.1	37.007	16
Mitochondrial processing peptidase alpha subunit, mitochondrial precursor	58216	IPI00166749.3	19.619	5
Mitochondrial processing peptidase beta subunit, mitochondrial precursor	54331	IPI00289535.3	21.268	6
Mitochondrial Rho 2	67984	IPI00465059.3	3.398	2
Mitochondrial ribosomal protein bMRP63	12259	IPI00031485.1	13.725	2
Mitochondrial ribosomal protein L14	15937	IPI00418290.1	28.276	3
Mitochondrial ribosomal protein L16	28445	IPI00000821.1	10.757	2
Mitochondrial ribosomal protein L39 isoform b	40442	IPI00084571.4	21.53	5
Mitochondrial ribosomal protein L4	34897	IPI00023334.1	32.154	5
Mitochondrial ribosomal protein L41	15373	IPI00217553.1	27.007	3
Mitochondrial ribosomal protein L53	12099	IPI00061531.3	56.25	3
Mitochondrial ribosomal protein S23	21757	IPI00032881.2	37.368	3
Mitochondrial ribosome recycling factor, isoform 1	29259	IPI00061108.3	34.351	4
Mitogen-activated protein kinase 1	41363	IPI00003479.1	22.222	7
Mitogen-activated protein kinase 13	42063	IPI00005741.1	7.123	2
Mitogen-activated protein kinase 14 isoform 2	41267	IPI00002857.1	12.222	2
Mitogen-activated protein kinase 3	43108	IPI00018195.1	20.58	4
Mitogen-activated protein kinase kinase 1 interacting protein 1	13614	IPI00030919.3	45.161	5
Mitogen-activated protein kinase kinase kinase 7 interacting protein 1	54610	IPI00019459.1	13.889	3
Mitotic checkpoint protein BUB3	37131	IPI00013468.1	25.915	4
MLD	37841	IPI00021147.1	10.526	2
Moesin	67647	IPI00219365.2	69.097	43
Molecule interacting with Rab13	93383	IPI00174962.2	4.519	2
Mothers against decapentaplegic homolog 4	60401	IPI00013404.1	11.413	4
M-phase phosphoprotein 6	18984	IPI00016074.1	19.375	2
Mpv17 protein	19720	IPI00023958.1	13.636	2
MRNA (Guanine-7-)methyltransferase	57688	IPI00410657.1	10.913	3
mRNA-associated protein mrnp 41	40942	IPI00019733.1	12.228	4
MRPL1 protein	34453	IPI00465216.3	24.752	4
MRPL17 protein	20008	IPI00172591.2	26.857	3
MRPL2 protein	33280	IPI00411816.3	10.82	3
MRPL48 protein	29292	IPI00295066.3	19.157	4
MRPS9 protein	45806	IPI00014835.4	9.596	2
MSTP017	48090	IPI00022305.3	6.683	2
MTCH1 protein	40155	IPI00383450.1	19.559	3
Mucin 13 precursor	54569	IPI00011448.1	15.039	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Multidrug resistance protein 1	141373	IPI00027481.1	3.906	4
Multifunctional protein ADE2	49648	IPI00217223.1	13.747	7
Multiple ankyrin repeats single KH domain protein isoform 2	277004	IPI00217442.1	1.567	2
Multiple asters 1	169346	IPI00396279.2	3.576	4
Multiple copies in a T-cell malignancies	20542	IPI00179026.2	30.387	4
Multiple domain putative nuclear protein	59807	IPI00002986.3	7.29	2
Multiple inositol polyphosphate phosphatase-like protein	34639	IPI00028553.1	8.013	2
Multisynthetase complex auxiliary component p18	19798	IPI00003588.1	20.115	2
Multisynthetase complex auxiliary component p38	35326	IPI00011916.1	13.75	3
Multisynthetase complex auxiliary component p43	34305	IPI00006252.1	36.538	11
Muted protein homolog	21596	IPI00154778.1	16.043	3
My005 protein	25609	IPI00383163.2	16.444	3
My019 protein	19676	IPI00301432.1	33.143	3
Myeloid/lymphoid or mixed-lineage leukemia (Trithorax homolog, Drosophila); translocated to, 4	206676	IPI00023461.2	9.101	10
MYG1 protein	42418	IPI00029444.1	13.83	3
MYH7B protein	215094	IPI00020294.2	1.959	2
Myo-inositol 1-phosphate synthase A1	61029	IPI00301189.2	15.412	6
Myo-inositol monophosphatase A3	38700	IPI00015834.2	15.877	4
Myosin binding subunit 85	84830	IPI00014340.1	5.627	3
Myosin heavy chain	227863	IPI00337335.3	41.955	75
Myosin heavy chain, nonmuscle type A	226392	IPI00019502.1	26.48	76
Myosin heavy chain, nonmuscle type B	228798	IPI00397526.1	45.496	92
Myosin heavy chain, smooth muscle isoform	227199	IPI00020501.1	5.933	9
Myosin Ic	121606	IPI00010418.3	20.884	16
Myosin Ie	126961	IPI00329672.4	6.583	5
Myosin light chain 1, slow-twitch muscle A isoform	22750	IPI00027255.1	23.558	4
Myosin regulatory light chain 2, nonsarcomeric	19650	IPI00220573.3	56.471	9
Myosin Vc	202666	IPI00016007.1	2.067	3
Myotonic dystrophy kinase-related CDC42-binding kinase gamma	172411	IPI00454910.1	1.676	2
Myotrophin	12756	IPI00179589.2	60.684	5
Myristoylated alanine-rich C-kinase substrate	31395	IPI00219301.5	33.233	10
N	37170	IPI00026259.1	23.121	5
N8 protein long isoform	26367	IPI00218323.1	54.032	17
N-acetylgalactosamine kinase	50346	IPI00414287.1	9.825	5
N-acetylgalactosamine-6-sulfatase precursor	57989	IPI00029605.1	8.238	4
N-acetylglucosamine kinase	37352	IPI00296526.3	22.965	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
N-acetylglucosamine-6-sulfatase precursor	62042	IPI00012102.1	27.717	11
NAD	113823	IPI00337541.3	24.678	19
NAD	30848	IPI00012069.1	21.898	4
NAD(P)H dehydrogenase, quinone 2	25902	IPI00219129.7	16.883	2
NAD-dependent deacetylase sirtuin 3, mitochondrial precursor	43546	IPI00183171.4	8.271	2
NAD-dependent malic enzyme, mitochondrial precursor	65402	IPI00011201.1	14.212	5
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6, 14kDa	17859	IPI00419266.1	25.974	4
NADH-cytochrome b5 reductase	34082	IPI00328415.8	68.667	12
NADH-ubiquinone oxidoreductase 13 kDa-A subunit, mitochondrial precursor	13703	IPI00025344.1	57.258	5
NADH-ubiquinone oxidoreductase 15 kDa subunit	12378	IPI00220063.4	14.286	2
NADH-ubiquinone oxidoreductase 18 kDa subunit, mitochondrial precursor	20095	IPI00011217.3	38.857	4
NADH-ubiquinone oxidoreductase 19 kDa subunit	19961	IPI00219034.2	56.14	6
NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor	23690	IPI00010845.3	36.19	6
NADH-ubiquinone oxidoreductase 24 kDa subunit, mitochondrial precursor	27374	IPI00291328.3	36.145	7
NADH-ubiquinone oxidoreductase 30 kDa subunit, mitochondrial precursor	30223	IPI00025796.3	63.636	13
NADH-ubiquinone oxidoreductase 39 kDa subunit, mitochondrial precursor	42483	IPI00003968.1	40.318	12
NADH-ubiquinone oxidoreductase 42 kDa subunit, mitochondrial precursor	40725	IPI00029561.1	28.169	7
NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor	52512	IPI00025239.2	24.19	7
NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial precursor	79465	IPI00178677.3	39.477	21
NADH-ubiquinone oxidoreductase AGGG subunit, mitochondrial precursor	12051	IPI00028904.1	19.048	2
NADH-ubiquinone oxidoreductase ASH1 subunit, mitochondrial precursor	21751	IPI00028883.1	38.71	5
NADH-ubiquinone oxidoreductase B17 subunit	15348	IPI00219385.2	15.748	2
NADH-ubiquinone oxidoreductase B18 subunit	16260	IPI00219772.2	27.206	3
NADH-ubiquinone oxidoreductase B22 subunit	21686	IPI00255052.4	30.337	3
NADH-ubiquinone oxidoreductase B8 subunit	10784	IPI00219381.4	51.02	5
NADH-ubiquinone oxidoreductase flavoprotein 3, isoform a	50952	IPI00291016.4	37.844	14
NADH-ubiquinone oxidoreductase MLRQ subunit	9364	IPI00011770.1	22.222	2
NADH-ubiquinone oxidoreductase PDSW subunit	20632	IPI00479905.4	46.784	7
NADH-ubiquinone oxidoreductase SGDH subunit, mitochondrial precursor	21737	IPI00013459.1	14.286	2
NADH-ubiquinone oxidoreductase subunit B14.5b	14178	IPI00029558.1	21.008	2
NADH-ubiquinone oxidoreductase subunit B17.2	17104	IPI00005966.3	55.172	6
NADP-dependent leukotriene B4 12-hydroxydehydrogenase	35847	IPI00292657.3	20.061	6
NADP-dependent malic enzyme	64109	IPI00008215.1	14.685	4
NADP-dependent malic enzyme, mitochondrial precursor	67012	IPI00003970.1	10.099	2
NADPH--cytochrome P450 reductase	76510	IPI00470467.4	26.923	13
Nascent polypeptide associated complex alpha subunit	23370	IPI00023748.3	34.884	7
Nck-associated protein 1	128707	IPI00031982.1	3.28	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
NCL protein	50920	IPI00183526.4	42.324	23
NDRG1 protein	42808	IPI00022078.3	29.442	7
NDUFA7 protein	13271	IPI00452731.3	46.61	6
Nectin-like protein 2	48506	IPI00003813.2	11.312	2
Neddylin	9066	IPI00020008.1	79.012	7
Negative elongation factor B	65655	IPI00103483.1	10.172	3
Neighbor of COX4	23758	IPI00005740.1	22.381	3
Nestin	177332	IPI00513769.1	9.315	9
N-ethylmaleimide-sensitive factor	82542	IPI00006451.4	42.876	27
Neurabin II protein	89397	IPI00045550.1	4.162	2
Neural cell adhesion molecule 1, 140 kDa isoform precursor	93303	IPI00435020.3	8.255	4
Neural proliferation differentiation and control protein-1 precursor	34494	IPI00299699.1	8.923	3
Neural Wiskott-Aldrich syndrome protein	54793	IPI00011676.2	10.891	4
Neuroblast differentiation associated protein AHNAK	312294	IPI00021812.1	20.27	31
Neuroblastoma-amplified protein	268298	IPI00333913.6	1.181	2
Neuroendocrine convertase 1 precursor	84069	IPI00301961.3	39.841	23
Neuroendocrine convertase 2 precursor	70521	IPI00029131.1	45.298	18
Neuroendocrine-specific Golgi protein p55	28327	IPI00009881.2	7.6	2
Neurofilament triplet M protein	102255	IPI00217507.4	6.776	4
Neurolysin, mitochondrial precursor	80600	IPI00010346.1	4.403	2
Neuron navigator 1	202347	IPI00171636.2	1.385	2
Neuronal pentraxin-2 precursor	47012	IPI00026946.2	20.65	7
Neuronal protein NP25	24877	IPI00005981.2	17.195	3
Neuropathy target esterase	146123	IPI00217600.2	2.939	3
NF45 protein	44669	IPI00005198.1	38.424	12
NG,NG-dimethylarginine dimethylaminohydrolase 1	30971	IPI00220342.4	54.577	14
NG,NG-dimethylarginine dimethylaminohydrolase 2	29625	IPI00000760.1	54.386	8
NHP2-like protein 1	14165	IPI00026167.1	56.25	5
Niban protein	103070	IPI00328350.6	5.065	3
Nicalin	62935	IPI00470649.1	19.005	7
Nicotinamide mononucleotide adenylyltransferase 1	31913	IPI00009726.4	12.545	2
Nicotinamide N-methyltransferase	29555	IPI00027681.1	10.985	2
Nicotinate phosphoribosyltransferase-like protein	60239	IPI00465085.1	16.578	4
Nicotinate-nucleotide pyrophosphorylase	30796	IPI00300086.3	6.734	2
NipSnap1 protein	33289	IPI00304435.3	36.62	12
NipSnap2 protein	33721	IPI00016077.1	37.762	8
NipSnap3A protein	28449	IPI00004845.4	46.964	8



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Nischarin	166548	IPI00032187.2	2.327	3
Nit protein 2	30589	IPI00299639.4	35.145	8
Nodal modulator 2 isoform 2	134107	IPI00333985.2	24.795	19
NOL1/NOP2/Sun domain family 2 protein	86416	IPI00306369.3	5.997	3
Nonhistone chromosomal protein HMG-14	10522	IPI00554761.1	16.162	3
Nonhistone chromosomal protein HMG-17-like 3	9402	IPI00220484.2	75.281	10
NONO protein	54197	IPI00304596.1	63.057	28
Nonspecific lipid-transfer protein, mitochondrial precursor	58956	IPI00026105.1	13.894	12
Normal mucosa of esophagus specific gene 1 protein	9611	IPI00031772.1	43.373	2
Novel protein	132739	IPI00217357.2	13.478	10
Novel protein	205022	IPI00554520.1	7.246	9
Novel protein	46447	IPI00065500.3	19.221	4
Novel protein	65483	IPI00217617.4	10.417	4
Novel protein	25213	IPI00514834.1	21.397	3
Novel protein	43061	IPI00303944.4	7.812	2
Novel protein	72635	IPI00217007.2	6.597	2
Novel protein	26239	IPI00061403.4	3.814	2
Novel protein	167984	IPI00409607.2	3.291	2
Novel protein	95515	IPI00549766.2	3.226	2
Novel protein similar to RNA binding motif protein, X-linked	42116	IPI00061178.1	31.795	11
Novel transcript	38131	IPI00145260.3	19.663	3
N-PAC protein	60510	IPI00000155.3	5.244	2
NPD011	24339	IPI00550746.3	23.697	3
N-sulphoglucosamine sulphohydrolase precursor	56659	IPI00019988.1	13.546	5
N-terminal acetyltransferase complex ARD1 subunit homolog	26442	IPI00013184.1	23.83	4
Nuclear antigen H731	50559	IPI00240675.1	24.017	7
Nuclear envelope pore membrane protein POM 121	125011	IPI00032358.3	6.265	3
Nuclear factor kappa-B, subunit 1	105361	IPI00292537.2	13.725	8
Nuclear pore complex protein Nup133	128932	IPI00291200.1	6.661	4
Nuclear pore complex protein Nup155	155100	IPI00026625.1	5.607	4
Nuclear pore complex protein Nup205	228003	IPI00472675.2	4.568	5
Nuclear pore complex protein Nup88	83489	IPI00001738.4	6.478	4
Nuclear pore complex protein Nup93	93499	IPI00397904.3	15.14	6
Nuclear pore glycoprotein p62	53236	IPI00293533.3	6.705	3
Nuclear protein 5qNCA	191491	IPI00298935.4	3.35	3
Nuclear protein Hcc-1	23525	IPI00014938.2	33.971	6
Nuclear protein SkiP	61456	IPI00013830.1	18.097	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Nuclear protein, NP220	220492	IPI00470596.2	5.561	8
Nuclear receptor coactivator 5	65496	IPI00288941.1	13.644	4
Nuclear receptor co-repressor 2	274564	IPI00001735.2	2.971	4
Nuclear ubiquitous casein and cyclin-dependent kinases substrate	27280	IPI00022145.5	38.683	8
Nuclease sensitive element binding protein 1	35903	IPI00031812.1	54.63	16
Nucleobindin 1 precursor	53818	IPI00295542.4	49.892	23
Nucleobindin 2 precursor	50191	IPI00009123.1	59.048	21
Nucleolar GTP-binding protein 1	73787	IPI00385042.3	3.949	2
Nucleolar protein family A member 1	22334	IPI00302176.5	12.442	2
Nucleolar protein NOP5	59541	IPI00006379.1	25.898	11
Nucleolar protein Nop56	66195	IPI00411937.2	28.523	15
Nucleolar RNA helicase II	87302	IPI00015953.2	19.285	13
Nucleoporin 160kDa	162017	IPI00221235.3	2.298	2
Nucleoporin 50 kDa	50113	IPI00026940.2	6.624	2
Nucleoporin Nup35	34751	IPI00329650.1	15.951	3
Nucleoporin-like protein RIP	58224	IPI00304693.5	8.541	3
Nucleoside diphosphate kinase 3	19003	IPI00012315.2	29.586	4
Nucleoside diphosphate kinase A	17138	IPI00012048.1	26.974	4
Nucleoside diphosphate kinase B	17287	IPI00026260.1	71.711	11
Nucleosomal binding protein 1	31506	IPI00006157.1	15.957	3
Nucleosome assembly protein 1-like 1	45346	IPI00023860.1	41.688	10
Nucleosome assembly protein 1-like 4	42797	IPI00017763.3	46.667	14
NudC domain containing 2	17665	IPI00103142.1	19.745	2
NUMA1 protein	109212	IPI00030136.1	31.971	25
NUP210 protein	205184	IPI00291755.4	3.388	4
Optic atrophy 1 isoform 4	111752	IPI00107749.1	34.651	25
Optic atrophy 3 protein	19984	IPI00018600.1	6.145	2
Ornithine aminotransferase, mitochondrial precursor	48504	IPI00022334.1	58.77	18
Ost-II	120542	IPI00004536.4	3.468	2
OTTHUMP00000016771	206560	IPI00291916.4	2.087	2
OTTHUMP00000016847	47746	IPI00217852.6	12.385	3
OTTHUMP00000017054	51812	IPI00177965.3	11.648	3
OTTHUMP00000017171	33677	IPI00302688.6	14.007	2
OTTHUMP00000017295	23070	IPI00514897.1	12.56	2
OTTHUMP00000017331	54032	IPI00012440.4	8.351	3
OTTHUMP00000017427	181580	IPI00217683.2	5.404	6
OTTHUMP00000018498	108934	IPI00413548.3	9.395	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
OTTHUMP00000018508	14202	IPI00375957.2	8.8	2
OTTHUMP00000018702	41335	IPI00018942.2	30.256	12
OTTHUMP00000022188	84085	IPI00456750.1	30.027	13
OTTHUMP00000022216	41297	IPI00401759.2	15.526	3
OTTHUMP00000022589	228728	IPI00219314.5	17.104	21
OTTHUMP00000022614	79500	IPI00385729.4	14.54	7
OTTHUMP00000028732	21811	IPI00017799.3	11.675	3
OTTHUMP00000028936	49735	IPI00220007.6	18.847	6
OTTHUMP00000030210	55764	IPI00099311.3	6.036	2
OTTHUMP00000030692	16242	IPI00412497.2	37.838	4
OTTHUMP00000030884	42823	IPI00005605.3	8.763	2
OTTHUMP00000031778	56197	IPI00021794.6	8.835	4
OTTHUMP00000039331	12836	IPI00026570.2	21.739	5
OTTHUMP00000039883	107273	IPI00394788.2	9.746	6
OTTHUMP00000040723	139677	IPI00020416.6	7.369	6
OTTHUMP00000040881	57244	IPI00022255.1	18.235	5
OTTHUMP00000045024	32613	IPI00256376.3	25.083	5
OTTHUMP00000058856	74751	IPI00166584.2	33.183	11
OTTHUMP00000059154	28658	IPI00334579.2	17.625	4
OTTHUMP00000059425	39146	IPI00007940.2	29.885	9
OTTHUMP00000060643	66279	IPI00236381.4	22.089	9
OTTHUMP00000060743	74034	IPI00465048.2	4.992	2
OTTHUMP00000061860	481589	IPI00456919.2	12.14	24
OTTHUMP00000062781	101304	IPI00470587.2	5.805	4
OTTHUMP00000064563	213488	IPI00465191.2	7.081	8
OTTHUMP00000065098	40436	IPI00306159.2	18.231	4
Ovarian/Breast septin epsilon	65361	IPI00455033.2	46.758	21
Oxidase (cytOchrOme c) assembly 1-like	55262	IPI00014301.1	9.495	3
Oxidative-stress responsive 1	57986	IPI00010080.2	10.626	4
Oxoglutarate dehydrogenase-like	114424	IPI00412522.3	16.535	11
Oxysterol-binding protein	83733	IPI00077853.3	2.969	2
Oxysterol-binding protein 1	89365	IPI00024971.1	17.844	10
P120	112221	IPI00025890.2	5.761	3
P450-like protein	52399	IPI00419579.3	6.494	2
P58	57544	IPI00006713.1	46.825	16
P60	47572	IPI00179473.6	21.136	6
P62	48197	IPI00008575.3	29.12	10

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
P63 protein	65983	IPI00141318.1	70.93	48
Paired amphipathic helix protein Sin3a	145085	IPI00170596.1	4.242	3
Palmitoyl-protein thioesterase 1 precursor	34171	IPI00002412.1	32.353	6
Pancreatic hormone precursor	10438	IPI00000982.1	57.895	8
Pancreatic lipase related protein 2 precursor	51913	IPI00005924.1	9.382	2
Pancreatic triacylglycerol lipase precursor	51124	IPI00027720.1	20.645	5
Pancreatitis-associated protein 1 precursor	19382	IPI00029039.1	21.143	3
Pantothenate kinase 4	85937	IPI00018946.3	8.538	4
Parafibromin	60539	IPI00300659.4	5.273	2
Paraspeckle protein 1 alpha isoform	58706	IPI00103525.1	24.857	11
Parathyrosin	11523	IPI00410376.1	26.471	4
PBK1 protein	58097	IPI00008708.4	14.313	6
PCBD protein	12002	IPI00218568.4	61.538	5
PDCD6IP protein	96757	IPI00246058.3	38.488	28
PDZ and LIM domain protein 1	35918	IPI00010414.3	52.134	10
PDZ domain containing-protein	57093	IPI00298067.3	5.78	3
Peflin	30361	IPI00018235.3	22.887	5
Pelota homolog	43350	IPI00106698.1	14.805	4
PELP1	136556	IPI00006702.2	2.103	2
PePtidylglycine aLpha-amidating monooxygenase isoform a, PreProProtein	108334	IPI00177543.4	14.168	11
Peptidyl-prolyl cis-trans isomerase	23714	IPI00419262.1	67.13	20
Peptidyl-prolyl cis-trans isomerase A	17870	IPI00419585.6	6.707	2
Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	18232	IPI00013723.3	46.626	6
Peptidyl-prolyl cis-trans isomerase, mitochondrial precursor	22026	IPI00026519.1	30.918	4
PePtidylProlyl isomerase A-like	17987	IPI00549466.1	83.636	14
Pericentriol material 1	228566	IPI00006213.1	1.828	3
Peripheral plasma membrane protein CASK	104998	IPI00024726.2	7.667	4
Peripherin	53846	IPI00013164.3	7.643	5
Periplakin	204526	IPI00298057.1	30.011	38
Peroxiredoxin 1	22096	IPI00000874.1	55.779	16
Peroxiredoxin 2	21878	IPI00027350.1	60.606	15
Peroxiredoxin 4	30521	IPI00011937.1	41.697	11
Peroxiredoxin 5, mitochondrial precursor	22012	IPI00024915.2	63.551	21
Peroxiredoxin 6	24888	IPI00220301.4	73.094	16
Peroxisomal 3,2-trans-enoyl-CoA isomerase	39584	IPI00419263.3	23.12	7
Peroxisomal bifunctional enzyme	79159	IPI00216164.2	7.341	4
Peroxisomal membrane protein PEX14	41212	IPI00025346.3	16.711	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Peroxisomal multifunctional enzyme type 2	79636	IPI00019912.1	37.364	22
Peroxisome assembly factor	28413	IPI00021978.1	11.583	3
Peroxisome biogenesis factor 1	142778	IPI00411291.1	1.871	2
PEST-containing nuclear protein	18944	IPI00291608.3	36.517	6
PHD finger protein 14	100019	IPI00454969.3	3.153	2
PHD finger protein 2	121157	IPI00260388.3	1.998	2
PHD finger protein 3	229339	IPI00170770.2	2.354	3
Phenol-sulfating phenol sulfotransferase 1	34175	IPI00300026.5	12.881	2
Phenylalanyl-tRNA synthetase alpha chain	57396	IPI00031820.2	38.067	11
Phenylalanyl-tRNA synthetase beta chain	66088	IPI00300074.3	28.693	13
Phosphatidate cytidyltransferase 2	51384	IPI00032150.3	14.831	5
Phosphatidylethanolamine-binding protein	20913	IPI00219446.4	89.247	16
Phosphatidylinositol 4-kinase type II	53989	IPI00020124.1	9.603	2
Phosphatidylinositol transfer protein alpha isoform	31914	IPI00216048.7	13.284	2
Phosphatidylinositol-4-phosphate 5-kinase, type II, gamma	47298	IPI00152303.5	21.378	6
Phosphatidylserine synthase I	55491	IPI00010746.1	4.44	2
Phosphoacetylglucosamine mutase	59814	IPI00030116.1	24.17	9
Phosphodiesterase 4D interacting protein	128546	IPI00337544.6	4.59	3
Phosphoenolpyruvate carboxykinase, mitochondrial precursor	70592	IPI00294380.3	40.938	23
Phosphoglucomutase 1	61331	IPI00219526.5	10.676	3
Phosphoglucomutase 2	68298	IPI00549837.2	26.471	10
Phosphoglucomutase 2-like 1	70394	IPI00173346.2	4.341	3
Phosphoglycerate kinase 1	44455	IPI00169383.2	83.173	45
Phosphoglycerate kinase, testis specific	44636	IPI00219568.3	2.885	2
Phosphoglycerate mutase 1	28655	IPI00385244.4	74.308	18
Phosphoinositide 3-kinase	190617	IPI00002580.1	2.55	2
Phospholipase A-2-activating protein	80775	IPI00218465.9	11.789	4
Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	29147	IPI00005474.5	22.963	3
Phosphomannomutase 2	28064	IPI00006092.1	12.195	3
Phosphomevalonate kinase	21850	IPI00220648.4	42.932	7
Phosphopantothenate--cysteine ligase	33984	IPI00023987.5	10.611	3
Phosphoprotein enriched in astrocytes 15	17296	IPI00014850.3	27.815	4
Phosphoribosyl pyrophosphate synthetase-associated protein 1	39369	IPI00291578.5	10.393	2
Phosphoribosyl pyrophosphate synthetase-associated protein 2	40899	IPI00003168.1	28.726	7
Phosphoribosylformylglycinamide synthase	144573	IPI00004534.3	12.182	8
Phosphorylated CTD interacting factor 1	80618	IPI00014865.3	7.955	3
Phosphotriesterase related protein	38993	IPI00100933.1	26.361	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
PHP14 protein	13784	IPI00549231.1	60	8
Pirin	32093	IPI00012575.1	16.897	2
PIST	50489	IPI00186721.2	14.069	4
Pituitary adenylate cyclase activating polypeptide precursor	18766	IPI00000027.1	19.318	3
Placental ribonuclease inhibitor	49810	IPI00550069.2	41.087	13
Plakoglobin	81693	IPI00420079.2	18.926	11
Plakophilin 3	87029	IPI00026952.1	21.455	8
Plasma protease C1 inhibitor precursor	55119	IPI00291866.3	15.2	5
Plasma retinol-binding protein precursor	22995	IPI00022420.3	54.726	9
Plasma serine protease inhibitor precursor	45673	IPI00007221.1	7.389	3
Plasminogen activator inhibitor-2 precursor	46566	IPI00007117.1	12.289	4
Plastin 3	70766	IPI00216694.1	23.016	10
Platelet-activating factor acetylhydrolase IB alpha subunit	46477	IPI00218728.2	23.961	7
Platelet-activating factor acetylhydrolase IB beta subunit	25553	IPI00026546.1	31.441	5
Platelet-activating factor acetylhydrolase IB gamma subunit	25718	IPI00014808.1	35.931	5
PLD3 protein	54671	IPI00328243.1	11.633	4
Pleckstrin homology domain-containing protein family A member 6	117042	IPI00007248.5	7.252	4
PNN protein	81565	IPI00418458.1	12.273	7
Poly	37474	IPI00016610.2	48.034	10
Poly	72345	IPI00012726.3	10.758	5
Poly [ADP-ribose] polymerase-1	112881	IPI00449049.2	35.439	28
Poly [ADP-ribose] polymerase-4	192466	IPI00296909.3	4.06	4
Poly(A) binding Protein, nuclear 1	32729	IPI00005792.1	25.49	3
Poly(A) Polymerase alPha	82791	IPI00384028.4	3.356	2
Poly(rC)-binding Protein 2 isoform b	38197	IPI00012066.1	52.762	11
Polyadenylate-binding protein 5	43303	IPI00061206.1	8.901	2
Polybromo-1	182003	IPI00023097.1	2.086	2
Polyhomeotic 2-like, isoform b	35737	IPI00419684.2	10.836	2
Polymerase delta interacting protein 2	41908	IPI00165506.3	19.891	3
Polymeric-immunoglobulin receptor precursor	83262	IPI00004573.1	14.791	7
Polypeptide N-acetylgalactosaminyltransferase 2	64691	IPI00004669.1	7.881	3
Pombe Cdc5-related protein	92194	IPI00465294.2	24.065	11
Potassium channel modulatory factor 1	42609	IPI00306661.2	14.767	3
Potassium channel tetramerisation domain containing protein 12	35679	IPI00060715.1	43.385	14
PRA1 family protein 2	19246	IPI00026994.3	16.854	3
PRA1 family protein 3	21600	IPI00007426.1	20.213	5
Pre-B cell enhancing factor precursor	55487	IPI00018873.1	59.878	24

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Pre-B-cell leukemia transcription factor interacting protein 1	80594	IPI00332106.2	14.364	8
PREDICTED: C219-reactive peptide	241001	IPI00374065.2	11.172	18
PREDICTED: chromosome 19 open reading frame 7	154376	IPI00187011.3	4.526	4
PREDICTED: DKFZP586J0619 protein	317373	IPI00175295.6	1.174	3
PREDICTED: fatso	64295	IPI00028277.4	17.594	6
PREDICTED: hypothetical protein BC009862	124521	IPI00038139.5	12.308	8
PREDICTED: hypothetical protein KIAA1833	138768	IPI00176375.2	2.464	2
PREDICTED: hypothetical protein XP_059492	16609	IPI00046828.4	24.306	2
PREDICTED: hypothetical protein XP_371691	12145	IPI00397994.1	23.009	2
PREDICTED: KIAA0368 protein	214598	IPI00157790.4	10.331	13
PREDICTED: KIAA0540 protein	310444	IPI00297242.4	1.694	3
PREDICTED: KIAA0674	145814	IPI00401282.2	9.648	10
PREDICTED: KIAA0819 protein	127140	IPI00016356.2	6.69	3
PREDICTED: KIAA1543	137793	IPI00176702.3	1.803	2
PREDICTED: mesoderm development candidate 2	28971	IPI00399089.3	11.45	2
PREDICTED: myosin VB	265640	IPI00479962.1	1.67	2
PREDICTED: plexin B2	209481	IPI00398435.2	6.858	7
PREDICTED: protein phosphatase 1, regulatory (inhibitor) subunit 14B	34924	IPI00398922.2	13.982	2
PREDICTED: protein phosphatase 1H (PP2C domain containing)	56413	IPI00375884.3	13.813	3
PREDICTED: RNA binding motif protein 27	118645	IPI00292975.2	4.34	2
PREDICTED: septin 8	86599	IPI00022082.4	13.155	8
PREDICTED: signal-induced proliferation-associated 1 like 3	187222	IPI00297254.3	6.206	7
PREDICTED: similar to 40S ribosomal protein SA (p40) (34/67 kDa laminin receptor) (Colon carcinoma laminin-binding protein) (NEM/1CHD4) (Multidrug resistance-associated protein MGr1-Ag)	32723	IPI00398958.1	36.271	8
PREDICTED: similar to 60S ribosomal protein L10 (QM protein homolog)	24611	IPI00374260.4	36.916	8
PREDICTED: similar to 60S ribosomal protein L17 (L23) (Amino acid starvation-induced protein) (ASI)	23549	IPI00375239.2	13.084	4
PREDICTED: similar to 60S ribosomal protein L23a	16766	IPI00397958.2	31.724	3
PREDICTED: similar to 60S ribosomal protein L27a	16612	IPI00398135.2	32.432	4
PREDICTED: similar to bA486O22.3 (similar to RPS3A (ribosomal protein S3A))	23649	IPI00025419.3	33.649	11
PREDICTED: similar to bA92K2.2 (similar to ubiquitin)	20411	IPI00397808.2	23.464	5
PREDICTED: similar to CG14903-PA	26651	IPI00430803.2	25.63	4
PREDICTED: similar to cytoskeletal beta actin	36013	IPI00455475.1	7.302	4
PREDICTED: similar to elongation factor 1 alpha	51294	IPI00455628.1	28.33	10
PREDICTED: similar to fibrillarin	34385	IPI00235647.5	28.037	5
PREDICTED: similar to FLJ00052 protein	37505	IPI00185877.7	10.736	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
PREDICTED: similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) (38 kDa BFA-dependent ADP-ribosylation substrate) (BARS-38)	20907	IPI00457253.1	6.283	2
PREDICTED: similar to Glyceraldehyde 3-phosphate dehydrogenase, liver (GAPDH)	55334	IPI00247601.4	12.766	7
PREDICTED: similar to H2A histone family, member Z	13440	IPI00249267.1	25	2
PREDICTED: similar to heat shock 70kD protein binding protein	21888	IPI00457060.1	21.939	3
PREDICTED: similar to heat shock 70kD protein binding protein	38195	IPI00454747.1	9.038	2
PREDICTED: similar to Heat shock protein HSP 90-beta (HSP 84)	16884	IPI00455599.1	12.676	3
PREDICTED: similar to hepatitis C virus core-binding protein 6	20665	IPI00171761.3	12.698	2
PREDICTED: similar to heterogeneous nuclear ribonucleoprotein A3	12789	IPI00398124.3	18.644	4
PREDICTED: similar to hypothetical protein	101689	IPI00456887.1	14.049	9
PREDICTED: similar to KIF27C	101353	IPI00399121.2	4.576	7
PREDICTED: similar to large subunit ribosomal protein L36a	12330	IPI00176574.1	18.868	4
PREDICTED: similar to membrane targeting translocation system protein like (2A562)	30314	IPI00402083.1	14.234	2
PREDICTED: similar to myocyte nuclear factor	264161	IPI00465123.3	1.705	2
PREDICTED: similar to Nonhistone chromosomal protein HMG-17 (High-mobility group nucleosome binding domain 2)	9459	IPI00181126.3	50	12
PREDICTED: similar to Phosphoglycerate mutase 1 (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1)	22337	IPI00456889.1	23.153	5
PREDICTED: similar to RAN-binding protein 2-like 1 isoform 1	197166	IPI00375793.3	4.323	7
PREDICTED: similar to ribosomal protein L4	39799	IPI00102427.3	26.136	9
PREDICTED: similar to ribosomal protein S26	17035	IPI00399281.2	15.789	2
PREDICTED: similar to RIKEN cDNA 4732495G21 gene	41976	IPI00003269.1	30.851	12
PREDICTED: similar to RIKEN cDNA D330038I09	100184	IPI00298308.5	20.22	12
PREDICTED: similar to RP2 protein, testosterone-regulated - ricefield mouse (Mus caroli)	50451	IPI00376151.2	9.43	2
PREDICTED: similar to SMT3 suppressor of mif two 3 homolog 2	17744	IPI00140827.2	35	3
PREDICTED: similar to Transmembrane protein 16F	106096	IPI00151710.6	3.736	2
PREDICTED: similar to Triosephosphate isomerase (TIM)	26926	IPI00383071.1	36.948	10
PREDICTED: similar to tropomyosin 3	24049	IPI00455563.1	13.876	3
PREDICTED: similar to tropomyosin 4	24911	IPI00374397.2	34.579	4
PREDICTED: similar to vimentin-type intermediate filament associated coiled-coil protein	18337	IPI00175793.1	34.32	3
PREDICTED: tangerin	161756	IPI00296421.2	1.838	2
PREDICTED: U2-associated SR140 protein	123949	IPI00143753.3	5.346	5
Prefoldin subunit 1	14202	IPI00000051.4	38.525	5



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Prefoldin subunit 2	16638	IPI00006052.3	58.442	8
Prefoldin subunit 4	15305	IPI00015891.1	33.582	4
Prefoldin subunit 5	17317	IPI00015361.1	40.909	4
Prefoldin subunit 6	14574	IPI00005657.1	62.016	7
Premature ovarian failure, 1B	68653	IPI00103242.4	21.176	10
Pre-mRNA 3'end processing factor FIP1	66487	IPI00395337.1	11.616	5
Pre-mRNA branch site protein p14	14576	IPI00032827.1	36	3
Pre-mRNA cleavage factor I 25 kDa subunit	26211	IPI00012995.1	37.004	7
Pre-mRNA splicing factor ATP-dependent RNA helicase PRP16	140385	IPI00294211.1	3.667	3
Prenylcysteine oxidase precursor	56575	IPI00384280.4	13.861	4
Prepro-alpha2(I) collagen precursor	129258	IPI00164755.3	3.367	4
PRKAR2A protein	43040	IPI00063234.1	31.937	12
PRO0868	38714	IPI00181409.3	40.58	12
Probable ATP-dependent helicase DDX48	46841	IPI00009328.2	33.82	11
Probable ATP-dependent RNA helicase p54	54383	IPI00030320.3	22.36	6
Probable D-tyrosyl-tRNA	23409	IPI00152692.2	13.397	3
Probable endonuclease KIAA0830 precursor	54981	IPI00001952.5	16.6	5
Probable O-sialoglycoprotein endopeptidase	36403	IPI00015809.1	9.851	2
Probable oxidoreductase KIAA1576	45870	IPI00030578.2	14.797	5
Probable RNA-dependent helicase p68	69105	IPI00017617.1	34.039	17
Probable rRNA processing protein EBP2	34798	IPI00009954.1	13.399	3
Probable tyrosyl-tRNA synthetase, mitochondrial precursor	53166	IPI00165092.3	5.66	2
Probable UPF0334 kinase-like protein	20700	IPI00031570.1	45.789	6
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 precursor	84610	IPI00298799.1	14.654	7
Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor	84731	IPI00030255.1	7.317	4
Profilin 2 isoform a	15036	IPI00219468.3	35	6
Profilin-1	14914	IPI00216691.4	69.065	12
Programmed cell death protein 5	14145	IPI00023640.2	49.194	6
Programmed cell death protein 6	21855	IPI00025277.3	34.031	4
Prohibitin	29786	IPI00017334.1	69.853	18
Prolactin regulatory element-binding protein	45440	IPI00033349.3	28.297	8
Proliferating cell nuclear antigen	28750	IPI00021700.1	10.728	3
Proliferating-cell nucleolar antigen p120	94020	IPI00294891.3	3.392	3
Proliferation-associated protein 2G4	43759	IPI00299000.1	43.401	15
Proline synthetase co-transcribed bacterial homolog protein	30325	IPI00016346.1	26.545	6
Proline-rich protein PRCC	52386	IPI00294618.1	4.888	2
Prolyl endopeptidase	80712	IPI00008164.1	9.437	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Propionyl Coenzyme A carboxylase, alpha polypeptide	80235	IPI00465032.2	20.822	10
Propionyl-CoA carboxylase beta chain, mitochondrial precursor	58169	IPI00007247.3	12.245	5
ProSAAS precursor	27356	IPI00002280.1	65.769	14
Prostaglandin F2 receptor negative regulator precursor	98495	IPI00022048.8	6.03	3
Prostate apoptosis response protein par-4	36744	IPI00001871.1	17.544	2
Protease serine 2 isoform B	28119	IPI00011695.2	22.989	5
Proteasome (Prosome, macropain) 26S subunit, non-ATPase, 4	41053	IPI00022694.2	10.526	3
Proteasome activator complex subunit 1	28705	IPI00030154.1	59.839	18
Proteasome activator complex subunit 2	27213	IPI00384051.4	35.714	8
Proteasome alPha 3 subunit isoform 2	27630	IPI00171199.3	35.887	9
Proteasome inhibitor PI31 subunit	29754	IPI00009949.1	14.022	2
Proteasome subunit alpha type 2	25751	IPI00219622.2	57.94	12
Proteasome subunit alpha type 4	29465	IPI00299155.5	26.437	6
Proteasome subunit alpha type 5	26394	IPI00291922.2	37.759	9
Proteasome subunit alpha type 6	27382	IPI00029623.1	37.398	9
Proteasome subunit beta type	28791	IPI00375704.1	24.436	6
Proteasome subunit beta type	29171	IPI00291936.3	21.591	3
Proteasome subunit beta type 1	26472	IPI00025019.3	59.751	13
Proteasome subunit beta type 10 precursor	28918	IPI00027933.1	27.106	4
Proteasome subunit beta type 2	22822	IPI00028006.1	45.771	6
Proteasome subunit beta type 3	22933	IPI00028004.2	25.854	3
Proteasome subunit beta type 6 precursor	25341	IPI00000811.2	55.649	7
Proteasome subunit beta type 7 precursor	29946	IPI00003217.3	19.134	4
Protein	23476	IPI00411463.2	37.255	11
Protein activator of the interferon-induced protein kinase	34383	IPI00021167.3	37.38	8
Protein AD-016	21160	IPI00032848.1	13.402	2
Protein arginine N-methyltransferase 5	72507	IPI00441473.2	13.522	4
Protein associated with Myc	510074	IPI00289776.1	0.927	3
Protein BAT5	63072	IPI00033075.2	8.977	3
Protein C11orf15 precursor	22517	IPI00009880.1	21.212	2
Protein C14orf166	28051	IPI00006980.1	53.279	13
Protein C14orf4	82607	IPI00019205.1	5.402	3
Protein C19orf10 precursor	18783	IPI00056357.3	32.948	6
Protein C20orf178	24935	IPI00025974.3	42.411	9
Protein C20orf77	36877	IPI00009659.3	34.969	6
Protein C2orf4	33711	IPI00032426.1	14.478	2
Protein C7orf21	26245	IPI00027773.3	12.602	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Protein C7orf24	20994	IPI00031564.1	35.106	6
Protein CGI-126	19446	IPI00294495.3	11.377	2
Protein CGI-38	18974	IPI00306413.3	51.705	9
Protein disulfide-isomerase A2 precursor	58170	IPI00011571.2	36.952	15
Protein disulfide-isomerase A3 precursor	56747	IPI00025252.1	78.416	55
Protein disulfide-isomerase A4 precursor	72887	IPI00009904.1	56.744	54
Protein disulfide-isomerase A5 precursor	59556	IPI00031479.1	15.8	5
Protein disulfide-isomerase precursor	57081	IPI00010796.1	82.087	50
Protein expressed in T-cells and eosinophils in atopic dermatitis	52591	IPI00172656.6	8.539	3
Protein FAM34A	43061	IPI00022447.3	7.027	2
Protein FAM3C precursor	24665	IPI00021923.1	46.256	9
Protein FAM49B	36725	IPI00303318.2	24.691	7
Protein farnesyltransferase/geranylgeranyltransferase type I alpha subunit	44381	IPI00026813.1	8.179	2
Protein KIAA0174	39725	IPI00024660.1	8.516	3
Protein KIAA0196	134201	IPI00029175.3	6.644	6
Protein kinase C and casein kinase substrate in neurons protein 3	48502	IPI00329572.3	9.882	3
Protein kinase C, alpha type	76583	IPI00385449.3	5.961	2
Protein kinase N1	103926	IPI00002803.5	2.76	2
Protein kinase N2	111964	IPI00002804.1	4.167	2
Protein phosphatase 2, regulatory subunit B, delta isoform, isoform 1	52010	IPI00470920.1	5.74	2
Protein phosphatase 2A, regulatory subunit B'	36752	IPI00477616.1	53.251	9
Protein phosphatase 2C gamma isoform	59235	IPI00006167.1	18.681	7
Protein phosphatase inhibitor 2	22870	IPI00220402.2	10.784	2
Protein phosphatase type 1 catalytic subunit	38606	IPI00027423.2	29.619	9
Protein TMED8	35718	IPI00292812.5	19.692	3
Protein transport protein Sec23A	86091	IPI00017375.1	10.196	4
Protein transport protein Sec23B	86424	IPI00017376.2	34.42	15
Protein transport protein Sec24B	137702	IPI00030851.1	3.391	3
Protein transport protein Sec24C	121035	IPI00024661.3	11.644	9
Protein transport protein Sec61 alpha subunit isoform 1	52099	IPI00218466.4	6.316	2
Protein tyrosine phosphatase HD-PTP	178861	IPI00034006.1	13.936	14
Protein tyrosine phosphatase-like member b	28350	IPI00384497.1	5.118	2
Protein-L-isoaspartate (D-aspartate) O-methyltransferase	24664	IPI00024989.7	72.807	16
Prothymosin alpha	12078	IPI00015550.5	30	6
Protoporphyrinogen oxidase	50734	IPI00031357.1	10.692	3
PRP19/PSO4 homolog	55146	IPI00004968.1	51.984	14
Prp5-like DEAD-box protein	117389	IPI00329791.7	8.818	6

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
PRP8 protein	273611	IPI00007928.3	10.921	17
PTD012 protein	35033	IPI00072044.2	53.333	13
Pur-beta	33220	IPI00045051.1	40.705	7
Puromycin-sensitive aminopeptidase	103211	IPI00026216.4	32.427	21
Putative 40-2-3 protein	35796	IPI00289907.3	7.547	2
Putative adenosylhomocysteinase 2	55592	IPI00182938.6	21.6	8
Putative adenosylhomocysteinase 3	66678	IPI00101645.3	14.239	7
Putative ATG/GTP binding protein precursor	26454	IPI00024551.1	20.661	3
Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial precursor	30161	IPI00003870.1	22.022	3
Putative ATP-dependent mitochondrial RNA helicase	88137	IPI00293430.3	3.299	2
Putative C10 protein	13170	IPI00016925.1	26.19	2
Putative dynein light chain protein DJ8B22.1	10528	IPI00294632.1	14.607	2
Putative eukaryotic translation initiation factor 3 subunit	146577	IPI00024425.2	3.972	4
Putative lipid kinase	47107	IPI00019353.1	10.19	2
Putative NADPH oxidase/oxidase DUOX2	175296	IPI00299627.1	16.408	13
Putative NFkB activating protein	103998	IPI00302647.4	3.365	2
Putative RNA-binding protein 16	140433	IPI00298884.3	2.832	2
Putative RNA-binding protein 3	17160	IPI00024320.1	54.777	6
Putative secreted protein	38179	IPI00006372.2	6.818	2
Putative sulfhydryl oxidase precursor	77286	IPI00376394.1	4.155	2
Putative T1/ST2 receptor binding protein	25190	IPI00009976.1	12.335	2
Pyridoxal phosphate phosphatase	31678	IPI00025340.3	10.473	2
Pyridoxine-5'-phosphate oxidase	29969	IPI00018272.3	38.697	7
Pyruvate carboxylase, mitochondrial precursor	129551	IPI00299402.1	19.015	13
Pyruvate dehydrogenase [lipoamide] kinase isozyme 3, mitochondrial precursor	46909	IPI00014849.1	15.517	4
Pyruvate dehydrogenase [Lipoamide]-phosphatase 1, mitochondrial precursor	61181	IPI00218971.2	5.762	2
Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor	43268	IPI00306301.1	45.385	12
Pyruvate dehydrogenase protein X component, mitochondrial precursor	54089	IPI00298423.3	9.581	5
Pyruvate kinase 3 isoform 2	58025	IPI00220644.6	3.202	3
Pyruvate kinase M2	57744	IPI00383237.3	81.887	58
QIL1 protein	13079	IPI00329373.2	33.898	3
Queuine tRNA-ribosyltransferase	46879	IPI00074010.1	9.832	2
Quiescin Q6	82526	IPI00003590.1	13.253	7
Quinone oxidoreductase	35185	IPI00000792.1	51.976	18
R33083_1	48565	IPI00020795.1	4.861	2
Rab GDP dissociation inhibitor alpha	50550	IPI00010154.3	55.034	27

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Rab GDP dissociation inhibitor beta	50631	IPI00031461.1	52.809	24
Rab11 interacting protein Rip11	70372	IPI00022033.4	5.513	2
Rab11-family interacting protein 1B	137081	IPI00419433.1	4.832	4
Rab3-GAP regulatory domain	155985	IPI00290518.1	8.471	8
Rab6 GTPase activating protein, GAPCenA	114071	IPI00016702.1	4.514	3
Rabconnectin	339543	IPI00152542.1	0.922	2
Rac-GTP binding protein-like protein	79524	IPI00217536.2	4.342	3
Radixin	68521	IPI00017367.1	27.101	14
RAI14 isoform	110354	IPI00292953.2	9.156	6
RalA binding protein 1	75885	IPI00009544.2	8.104	3
Ran GTPase-activating protein 1	63502	IPI00294879.1	26.405	12
Ran-binding protein 2	357993	IPI00221325.2	6.7	15
Ran-specific GTPase-activating protein	23296	IPI00414127.3	33.333	4
Rap1 GTPase activating protein 2b	79992	IPI00401939.5	15.753	8
RAP1, GTPase activating protein 1	73428	IPI00026144.3	8.133	4
Rap2 interacting protein x	52931	IPI00033573.3	15.352	7
Ras GTPase-activating protein 4	90401	IPI00012059.7	5.23	2
Ras GTPase-activating-like protein IQGAP1	189134	IPI00009342.1	43.633	53
Ras suppressor protein 1	31390	IPI00017256.5	50	7
Ras-GTPase-activating protein binding protein 1	52132	IPI00012442.1	39.27	13
Ras-related C3 botulinum toxin substrate 2	21415	IPI00010270.1	9.375	2
Ras-related protein Rab-10	22527	IPI00016513.3	21.5	5
Ras-related protein Rab-11A	24378	IPI00429190.1	38.426	5
Ras-related protein Rab-11B	24473	IPI00020436.2	40.367	8
Ras-related protein Rab-13	22760	IPI00016373.3	18.227	3
Ras-related protein Rab-14	23912	IPI00291928.3	55.349	11
Ras-related protein Rab-18	22963	IPI00014577.1	11.65	2
Ras-related protein Rab-1B	22157	IPI00008964.3	35.323	8
Ras-related protein Rab-21	24332	IPI00007755.1	24.889	4
Ras-related protein Rab-24	23109	IPI00056496.1	22.66	4
Ras-related protein Rab-2A	23531	IPI00031169.1	54.717	12
Ras-related protein Rab-35	23011	IPI00300096.4	21.891	4
Ras-related protein Rab-3A	24968	IPI00023504.1	27.273	5
Ras-related protein Rab-3B	24742	IPI00300562.2	34.247	6
Ras-related protein Rab-3C	25936	IPI00061114.1	31.718	6
Ras-related protein Rab-5A	23644	IPI00023510.1	40	6
Ras-related protein Rab-5B	23692	IPI00017344.3	29.302	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Ras-related protein Rab-5C	31028	IPI00016339.3	31.119	7
Ras-related protein Rab-7	23475	IPI00016342.1	75.362	14
Ras-related protein Rab-8A	23653	IPI00028481.1	25.121	5
Ras-related protein Rab-8B	23569	IPI00024282.1	14.01	3
Ras-related protein Rab-9A	22823	IPI00016372.1	13.93	2
Ras-related protein Ral-A	23552	IPI00217519.3	33.981	6
Ras-related protein Ral-B	23394	IPI00004397.1	15.049	3
Ras-related protein Rap-1b	20812	IPI00015148.3	52.174	8
Ras-related protein R-Ras	23466	IPI00020418.1	21.56	3
Ras-related protein R-Ras2	23385	IPI00012512.1	19.608	3
RBM13 protein	35375	IPI00332428.2	12.333	2
RCC1-like	56049	IPI00465044.2	5.172	2
RCL	19097	IPI00007926.1	54.598	6
REC14 protein	33557	IPI00019269.2	16.393	3
Receptor expression enhancing protein 5	21479	IPI00024670.3	19.577	9
Receptor-interacting serine/threonine-protein kinase 2	75883	IPI00013773.2	4.62	2
Receptor-type tyrosine-protein phosphatase F precursor	211711	IPI00107831.3	2.319	2
Receptor-type tyrosine-protein phosphatase-like N precursor	105781	IPI00004440.1	19.203	13
Red protein	65590	IPI00011875.1	10.952	4
RELA protein	27646	IPI00027116.5	8.537	2
Remodeling and spacing factor 1	163720	IPI00290652.4	4.65	4
Replication protein A 14 kDa subunit	13560	IPI00017373.1	57.025	4
Replication protein A 70 kDa DNA-binding subunit	68095	IPI00020127.1	8.442	3
Replication protein A2, 32kDa	38786	IPI00013939.2	9.497	2
Retbindin	28146	IPI00027765.1	10.728	2
Reticulocalbin 1 precursor	38866	IPI00015842.1	54.079	13
Reticulocalbin 2 precursor	36854	IPI00029628.1	13.565	3
Reticulocalbin 3 precursor	37470	IPI00101037.3	25.61	5
Reticulon protein 3	25593	IPI00028946.1	5.508	2
Retinal dehydrogenase 1	54696	IPI00218914.4	77.6	47
Retinoblastoma binding protein 7	52282	IPI00395865.3	20.469	3
Retinoblastoma-associated factor 600	573476	IPI00180305.4	4.341	13
Retinol dehydrogenase 13	35910	IPI00301204.2	20.846	4
Retinol dehydrogenase 14	36841	IPI00177940.2	8.333	2
Retinol-binding protein I, cellular	15709	IPI00219718.2	67.91	9
Rho-associated protein kinase 1	158076	IPI00022542.1	3.102	3
Rho-associated protein kinase 2	160812	IPI00307155.7	10.879	8

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Rho-GTPase-activating protein 1	50404	IPI00020567.1	44.647	14
Rho-GTPase-activating protein 5	171460	IPI00013988.1	1.534	2
Rho-interacting protein 3	117990	IPI00166518.3	13.211	7
Rho-related GTP-binding protein RhoC	21992	IPI00027434.1	18.653	4
Ribonuclease P protein subunit p30	29303	IPI00019196.3	11.94	2
Ribose-5-phosphate isomerase	26075	IPI00026513.4	10.127	2
Ribose-phosphate pyrophosphokinase I	34681	IPI00219616.2	23.975	6
Ribose-phosphate pyrophosphokinase II	34616	IPI00219617.2	28.391	6
Ribosomal pRotein L11	20240	IPI00219150.4	28.652	7
Ribosomal protein L35	14571	IPI00412607.4	39.024	6
Ribosomal protein S26 pseudogene 3	13014	IPI00176854.2	44.348	4
Ribosomal protein S27	11338	IPI00420117.4	13	2
Ribosomal protein S27 (Metallopanstimulin 1) (RPS27) pseudogene	9455	IPI00451483.1	36.905	6
Ribosomal protein S6 kinase alpha 1	82671	IPI00017305.2	11.02	5
Ribosomal protein S6 kinase alpha 3	83683	IPI00020898.1	21.216	13
Ribosome biogenesis protein Brix	41375	IPI00181728.1	15.581	3
Ribosome biogenesis protein Nop10	7701	IPI00032853.1	48.438	2
Ribosome biogenesis regulatory protein homolog	41168	IPI00014253.4	13.973	2
Ring finger protein 1	42403	IPI00455876.1	17.734	5
RING finger protein 13	42787	IPI00151036.1	9.186	2
Ring finger protein 20	113906	IPI00251559.8	11.157	7
RNA binding motif protein 10	94411	IPI00024244.3	7.62	4
RNA binding motif protein 15B	97147	IPI00175136.3	3.371	2
RNA binding motif protein 25	100124	IPI00004273.4	11.862	7
RNA binding motif protein 30	40124	IPI00027838.1	8.078	3
RNA binding protein	299498	IPI00099730.1	5.269	11
RNA helicase-related protein	102912	IPI00409671.1	15.458	9
RNA-binding protein	64328	IPI00169342.1	26.138	8
RNA-binding region RNP-1 (RNA recognition motif) domain containing protein	55514	IPI00470585.2	14.115	5
RNF40 protein	113609	IPI00162563.3	8.492	6
RNMTL1 protein	46992	IPI00335589.3	4.762	2
Ro ribonucleoprotein-binding protein 1	59838	IPI00069750.1	20.751	5
RPB11a protein	14122	IPI00003310.2	18.11	2
RRP5 protein homolog	208604	IPI00400922.4	1.283	2
RTKN protein	62628	IPI00029834.3	9.059	2
RuvB-like 1	50196	IPI00021187.3	42.325	13
RuvB-like 2	51125	IPI00009104.5	29.59	13

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
RWD domain containing protein 1	27922	IPI00034010.3	8.642	2
S100 calcium-binding protein A13	11464	IPI00016179.1	22.449	3
S100 calcium-binding protein A16	11794	IPI00062120.1	46.602	5
Sad1/unc-84-like protein 2	80262	IPI00295940.3	23.849	11
S-adenosylmethionine synthetase gamma form	43633	IPI00010157.1	22.278	8
SAM domain and HD domain-containing protein 1	72155	IPI00294739.1	15.974	7
SAM50-like protein CGI-51	51929	IPI00412713.3	14.072	3
Sarcoma antigen NY-SAR-77	33159	IPI00384438.1	10.884	3
Sarcosine dehydrogenase, mitochondrial precursor	100973	IPI00034308.2	11.983	9
SART-1	90647	IPI00021417.2	7.453	4
Scaffold attachment factor B	102578	IPI00300631.1	11.366	8
SCAMP3 protein	38218	IPI00453116.3	34.006	8
Scavenger mRNA decapping enzyme DcpS	38657	IPI00335385.3	22.552	5
SCO1 protein homolog, mitochondrial precursor	33793	IPI00027233.3	11.96	2
SDAD1 protein	66883	IPI00411802.2	5.009	2
SDHA protein	56599	IPI00217143.1	2.505	2
SDSL protein	34652	IPI00062419.1	20.973	5
Sec1 family domain containing protein 1	72334	IPI00165261.4	26.168	12
Sec13-like protein	39653	IPI00185533.6	8.611	2
Sec24-related protein D	113007	IPI00218288.5	6.873	5
SEC31L1 protein	121575	IPI00305152.5	31.646	35
Secernin 1	46353	IPI00289862.3	25.604	9
Secernin 2	46535	IPI00062266.2	9.647	2
Secernin 3	48513	IPI00002311.2	10.849	2
Secretagogin	32019	IPI00008730.2	81.159	28
Secretogranin-1 precursor	78199	IPI00006601.3	62.482	60
Secretogranin-2 precursor	70825	IPI00009362.1	62.885	48
Secretogranin-3 precursor	52973	IPI00292071.6	60.897	32
Secretory carrier-associated membrane protein 1	37909	IPI00005129.6	26.627	8
Secretory carrier-associated membrane protein 2	36625	IPI00218850.5	14.286	4
Secretory pathway Ca <sup>2+</sup> /Mn <sup>2+</sup> transport ATPase SPCA1d protein	103965	IPI00024344.2	4.215	3
Sel-1 homolog precursor	88667	IPI00002790.2	17.003	7
Selenide, water dikinase 1	42883	IPI00029056.2	12.5	3
Selenide, water dikinase 2	47228	IPI00016906.1	15.848	3
Selenium binding protein 1	52358	IPI00305719.7	48.941	15
Selenocysteine lyase	48149	IPI00101652.3	28.989	9
Selenocysteine-specific elongation factor	65296	IPI00028050.1	3.691	2



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Selenoprotein H	13398	IPI00218054.1	23.77	2
Senescence marker protein-30	33231	IPI00017551.1	14.381	3
Sepiapterin reductase	28031	IPI00017469.1	45.594	9
Septin 11	49367	IPI00019376.4	29.138	12
Septin 2	41461	IPI00014177.1	59.834	14
Septin 5	42750	IPI00017731.1	16.802	3
Septin 7	48756	IPI00033025.6	44.019	15
Serine hydroxymethyltransferase, mitochondrial precursor	55958	IPI00002520.1	46.429	17
Serine palmitoyltransferase 1	52710	IPI00005745.1	5.92	2
Serine protease 23 precursor	42974	IPI00026941.1	17.232	3
Serine protease HTRA1 precursor	51255	IPI00003176.1	14.583	4
Serine/arginine repetitive matrix 1	103329	IPI00328293.2	11.501	7
Serine/threonine protein phosphatase 2A, 55 kDa regulatory subunit B, alpha isoform	51659	IPI00332511.5	15.436	5
Serine/threonine protein phosphatase 2A, 65 kDa regulatory subunit A, alpha isoform	65051	IPI00554737.1	26.701	15
Serine/threonine protein phosphatase 2A, 65 kDa regulatory subunit A, beta isoform	66159	IPI00294178.1	8.486	4
Serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform	35571	IPI00008380.1	25.89	5
Serine/threonine protein phosphatase 2B catalytic subunit, alpha isoform	58650	IPI00179415.4	11.708	5
Serine/threonine protein phosphatase 5	56842	IPI00019812.1	9.82	5
Serine/threonine protein phosphatase PP1-beta catalytic subunit	37163	IPI00218236.4	11.621	3
Serine/threonine-protein kinase 3	56265	IPI00411984.4	10.998	3
Serine/threonine-protein kinase 4	55595	IPI00011488.1	9.446	3
Serine/threonine-protein kinase Nek9	107081	IPI00301609.5	5.822	4
Serine/threonine-protein kinase PAK 1	60623	IPI00011915.1	5.321	3
Serine/threonine-protein kinase PAK 2	57968	IPI00219447.6	24.809	5
Serine/threonine-protein kinase PRP4 homolog	116902	IPI00013721.2	5.362	5
Serine-threonine kinase receptor-associated protein	38414	IPI00294536.1	29.714	9
Serum albumin precursor	69321	IPI00022434.1	77.011	48
Serum amyloid A2	13500	IPI00006146.3	22.951	2
Serum amyloid P-component precursor	25371	IPI00022391.1	11.659	2
Seryl-tRNA synthetase	58609	IPI00220637.4	41.131	19
Seryl-tRNA synthetase, mitochondrial precursor	58246	IPI00328361.3	21.042	6
SH3 domain-binding glutamic acid-rich-like protein	12766	IPI00025318.1	53.509	11
SH3 domain-binding protein SNP70	69954	IPI00170786.1	10.452	6
SH3-containing GRB2-like protein 2	39937	IPI00019171.1	13.352	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
SH3-domain GRB2-like 1	41464	IPI00019169.2	10.326	3
Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	34256	IPI00294398.1	89.172	39
Short heat shock protein 60 Hsp60s1	23616	IPI00329351.4	31.364	11
Shwachman-Bodian-Diamond syndrome protein	28745	IPI00427330.1	16	3
Sialic acid synthase	40281	IPI00147874.1	44.568	9
Sialic acid-specific acetyltransferase II	58277	IPI00010949.3	7.648	4
Sialidase 1 precursor	45439	IPI00029817.1	5.06	2
Sideroflexin 1	35596	IPI00009368.2	39.441	10
Signal recognition particle 14 kDa protein	14535	IPI00293434.1	57.353	6
Signal recognition particle 19 kDa protein	16175	IPI00295889.1	43.056	5
Signal recognition particle 54 kDa protein	55668	IPI00009822.1	31.151	11
Signal recognition particle 72 kDa protein	74429	IPI00215888.3	44.776	19
Signal recognition particle 9 kDa protein	9974	IPI00216125.3	37.647	3
Signal recognition particle receptor alpha subunit	69767	IPI00385267.2	27.273	10
Signal recognition particle receptor beta subunit	29684	IPI00295098.3	27.675	7
Signal transducer and activator of transcription 5A	90590	IPI00030783.1	3.778	3
Signal-induced proliferation-associated 1 like 1	199904	IPI00413362.1	2.827	4
Similar to [3-methyl-2-oxobutanoate dehydrogenase [lipamide]] kinase, mitochondrial precursor	43011	IPI00062344.2	24.607	5
Similar to 6-phosphofructokinase, liver type	90520	IPI00220617.3	17.952	11
Similar to Acetyl-coenzyme A synthetase, cytoplasmic	78687	IPI00329773.4	12.518	5
Similar to Acyl-CoA dehydrogenase family protein	125740	IPI00418639.2	4.61	2
Similar to Aldo-keto reductase family 1 member C2	37109	IPI00005668.3	49.235	11
Similar to Arg/Abl-interacting protein ArgBP2b	78406	IPI00061793.2	34.184	20
Similar to Calcium-dependent protease, small subunit	33765	IPI00025084.2	30.435	3
Similar to Cold-inducible RNA-binding protein	32026	IPI00180954.3	22.148	5
Similar to CR6 interacting factor 1	25551	IPI00290398.2	11.607	2
Similar to Creatine kinase, ubiquitous mitochondrial precursor	47234	IPI00024638.2	54.893	20
Similar to Double-strand break repair protein MRE11A	81020	IPI00029159.3	20.534	11
Similar to Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	41650	IPI00008207.5	10.215	2
Similar to F13E7.4 protein	19282	IPI00032903.2	26.667	2
Similar to Guanine nucleotide exchange factor p115-RhoGEF	106856	IPI00166711.2	2.824	2
Similar to Kinesin-like protein GAKIN	195443	IPI00478233.1	13.053	15
Similar to mouse 2610034B18Rik protein	24927	IPI00074225.6	21.239	3
Similar to NPL4	73741	IPI00001676.5	19.091	8
Similar to Nucleotide binding protein 2	30387	IPI00001919.2	25.874	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Similar to Putative 42-9-9 protein	14480	IPI00013760.2	37.984	5
Similar to Putative acyl-CoA thioester hydrolase CGI-16	49870	IPI00220710.5	18.223	5
Similar to RIKEN cDNA 1110033O09 gene	15723	IPI00394782.3	42.143	6
Similar to Smooth muscle myosin heavy chain isoform SM1A	159634	IPI00395772.3	65.195	119
Similar to Synaptic glycoprotein SC2	37443	IPI00100656.2	15.48	4
Similar to Syndesmos	22379	IPI00411732.3	15.534	2
Similar to Tubulin beta-4 chain	49953	IPI00034283.2	46.532	14
Similar to VPS28 protein homolog	25819	IPI00007155.2	8.036	2
Sin3 associated polypeptide p18	17550	IPI00011698.1	37.908	6
Single-stranded DNA-binding protein, mitochondrial precursor	17249	IPI00029744.1	61.486	10
SKD1 protein	49271	IPI00182728.2	24.55	7
SKD2 protein	48638	IPI00411356.2	17.62	6
SLIT-ROBO Rho GTPase activating protein 2	120805	IPI00479125.3	2.054	2
Small acidic protein	20320	IPI00003419.1	29.508	3
Small EDRK-rich factor 2	6896	IPI00024781.1	16.949	2
Small glutamine-rich tetratricopeptide repeat-containing protein A	34042	IPI00013949.1	10.543	3
Small nuclear ribonucleoprotein E	10797	IPI00029266.1	29.348	3
Small nuclear ribonucleoprotein G	8490	IPI00016572.1	26.316	3
Small nuclear ribonucleoprotein polypeptide C	19673	IPI00013396.2	21.667	2
Small nuclear ribonucleoprotein Sm D1	13273	IPI00302850.4	51.261	5
Small nuclear ribonucleoprotein Sm D2	13518	IPI00017963.1	38.136	4
Small nuclear ribonucleoprotein Sm D3	13907	IPI00017964.1	16.667	2
SMAP1 protein	50394	IPI00102096.2	8.351	3
SMAP-1b	103011	IPI00072534.1	4.661	3
S-methyl-5-thioadenosine phosphorylase	31230	IPI00011876.1	16.961	4
Smooth muScl and non-muScl myoSin alkali light chain isoform 1	16919	IPI00335168.8	59.603	11
SMU1 protein	57507	IPI00305833.3	6.433	3
SNARE protein Ykt6	22403	IPI00008569.1	11.616	2
SNARE-associated protein Snapin	14865	IPI00018331.3	29.412	2
SNF7 domain containing protein 2	24555	IPI00100796.4	27.854	4
Sodium bicarbonate cotransporter NBC1	112200	IPI00016949.1	10.251	5
Sodium/potassium-transporting ATPase alpha-3 chain	111663	IPI00302840.1	16.091	16
Solute carrier family 2, facilitated glucose transporter, member 1	54083	IPI00220194.5	5.894	3
Solute carrier family 25 member 24, isoform 1	53304	IPI00337494.6	24.528	10
Somatostatin precursor	12727	IPI00000130.3	54.31	13
Sorbitol dehydrogenase	38141	IPI00216057.4	24.719	6
Sorcin	21662	IPI00027175.1	31.818	6

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Sortilin-related receptor precursor	248282	IPI00022608.1	0.949	2
Sorting nexin 1 iSoform c	53271	IPI00183274.2	23.629	10
Sorting nexin 2	58499	IPI00299095.1	29.865	11
Sorting nexin 3 iSoform a	18751	IPI00029740.1	28.395	5
Sorting nexin 4	51876	IPI00029403.1	10	4
Sorting nexin 5	46787	IPI00295209.5	17.327	5
Sorting nexin 6	46620	IPI00298111.5	33.251	13
Sorting nexin 9	66550	IPI00001883.1	16.807	6
Sorting nexin family member 27	61226	IPI00328097.2	17.375	5
SOUL protein	22861	IPI00003799.1	19.512	3
Source of immunodominant MHC-associated peptides	93614	IPI00152377.1	4.116	3
Specifically androgen-regulated protein	63925	IPI00028392.2	19.634	7
Spectrin, beta, erythrocytic (includeS SpherocytoSiS, clinical type I)	246171	IPI00216513.2	2.667	4
Sperm membrane protein BS-63	198617	IPI00293568.1	2.266	3
Spermatogenesis associated factor	97858	IPI00329583.4	3.471	2
Spermine synthase	41242	IPI00005102.3	36.885	6
S-phase kinase-associated protein 1A isoform b	18646	IPI00301364.2	51.534	8
Sphingosine-1-phosphate lyase 1	63483	IPI00099463.2	7.042	3
Splice Isoform 1 of 26S protease regulatory subunit 6B	47337	IPI00020042.2	58.612	21
Splice Isoform 1 of 26S proteasome non-ATPase regulatory subunit 1	105769	IPI00299608.3	22.246	11
Splice Isoform 1 of 28S ribosomal protein S11, mitochondrial precursor	20603	IPI00010244.4	12.371	3
Splice Isoform 1 of 3'	33371	IPI00410214.1	31.169	8
Splice Isoform 1 of 3,2-trans-enoyl-CoA isomerase, mitochondrial precursor	32795	IPI00300567.1	16.887	5
Splice Isoform 1 of 3-hydroxyacyl-CoA dehydrogenase type II	26906	IPI00017726.1	78.544	14
Splice Isoform 1 of 40S ribosomal protein S24	15413	IPI00029750.1	48.872	9
Splice Isoform 1 of 5'	23368	IPI00005573.3	32.836	5
Splice Isoform 1 of Abl-interactor 1	55047	IPI00431025.1	8.465	5
Splice Isoform 1 of Abl-interactor 2	55629	IPI00442210.1	3.704	2
Splice Isoform 1 of Acetyl-coenzyme A synthetase 2-like, mitochondrial precursor	74809	IPI00216932.2	6.096	2
Splice Isoform 1 of Actin-binding LIM protein 1	87588	IPI00329495.3	21.337	10
Splice Isoform 1 of Actin-like protein 6A	47430	IPI00003627.1	7.459	2
Splice Isoform 1 of Acyl-CoA dehydrogenase, very-long-chain specific, mitochondrial precursor	70345	IPI00028031.1	52.519	38
Splice Isoform 1 of Acyl-protein thioesterase 1	24653	IPI00007321.1	26.087	3
Splice Isoform 1 of Adapter-related protein complex 3 beta 1 subunit	121274	IPI00021129.4	11.609	9
Splice Isoform 1 of Adapter-related protein complex 3 delta 1 subunit	130390	IPI00411453.2	13.16	10

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Adaptor-related protein complex 1, mu 2 subunit	48078	IPI00002552.1	9.929	2
Splice Isoform 1 of Adenylosuccinate lyase	54854	IPI00026904.1	6.198	2
Splice Isoform 1 of ADP-ribose pyrophosphatase, mitochondrial precursor	39101	IPI00031558.3	25.429	9
Splice Isoform 1 of ADP-ribosylation factor GTPase activating protein 1	44640	IPI00175169.3	14.778	4
Splice Isoform 1 of A-kinase anchor protein 9	453387	IPI00019223.3	5.446	14
Splice Isoform 1 of Alpha adducin	80905	IPI00019901.1	11.94	6
Splice Isoform 1 of Alpha-1,3-mannosyltransferase ALG2	47061	IPI00386072.3	13.221	2
Splice Isoform 1 of Alpha-parvin	42217	IPI00018963.3	7.527	2
Splice Isoform 1 of Alpha-synuclein	14451	IPI00024107.1	18.571	2
Splice Isoform 1 of Alpha-tryptase precursor	30753	IPI00010274.6	16.364	4
Splice Isoform 1 of Amyloid-like protein 2 precursor	86900	IPI00031030.1	5.767	3
Splice Isoform 1 of Annexin A7	52706	IPI00002460.2	28.279	13
Splice Isoform 1 of Apoptosis-associated speck-like protein containing a CARD	21613	IPI00001699.1	16.923	3
Splice Isoform 1 of Apoptotic chromatin condensation inducer in the nucleus	151797	IPI00007334.1	17.748	17
Splice Isoform 1 of ARF GTPase-activating protein GIT1	84289	IPI00409562.1	3.679	2
Splice Isoform 1 of Arginine/serine-rich splicing factor 10	33646	IPI00301503.8	12.847	2
Splice Isoform 1 of Ataxin-2	140054	IPI00180154.1	2.515	2
Splice Isoform 1 of Ataxin-2-like protein	113304	IPI00456359.1	13.023	6
Splice Isoform 1 of Autophagy protein 3-like	35841	IPI00022254.4	14.968	5
Splice Isoform 1 of B aggressive lymphoma protein	96281	IPI00027803.2	8.08	3
Splice Isoform 1 of Bcl-2-associated transcription factor 1	106059	IPI00006079.1	16.087	13
Splice Isoform 1 of Beta-1-syntrophin	58025	IPI00026059.1	6.32	2
Splice Isoform 1 of Beta-2-syntrophin	57913	IPI00009505.1	4.259	2
Splice Isoform 1 of Beta-catenin	85442	IPI00017292.1	34.955	17
Splice Isoform 1 of BolA-like protein My016	10110	IPI00301434.3	51.163	3
Splice Isoform 1 of Bromodomain adjacent to zinc finger domain protein 1B	170796	IPI00069817.2	3.978	4
Splice Isoform 1 of Calcyclin-binding protein	26194	IPI00395627.3	48.684	7
Splice Isoform 1 of Caldesmon	93194	IPI00014516.1	33.291	25
Splice Isoform 1 of Calumenin precursor	37084	IPI00014537.1	45.397	10
Splice Isoform 1 of Carnitine O-acetyltransferase	70880	IPI00016457.4	6.55	3
Splice Isoform 1 of Carnitine O-palmitoyltransferase I, mitochondrial liver isoform	88311	IPI00032038.4	6.339	4
Splice Isoform 1 of CCG1-interacting factor B	22332	IPI00063827.1	24.286	4
Splice Isoform 1 of CCR4-NOT transcription complex subunit 2	59700	IPI00005011.1	9.074	2
Splice Isoform 1 of CCR4-NOT transcription complex subunit 3	81822	IPI00005015.1	3.187	2
Splice Isoform 1 of CDK5 regulatory subunit-associated protein 3	57043	IPI00414442.1	14.961	6
Splice Isoform 1 of Chromodomain helicase-DNA-binding protein 4	217853	IPI00000846.1	5.805	6
Splice Isoform 1 of Complement factor B precursor	85479	IPI00019591.1	16.754	9

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Conserved oligomeric Golgi complex component 4	89038	IPI00149849.4	4.204	2
Splice Isoform 1 of COP9 signalosome complex subunit 2	51896	IPI00018813.3	24.664	9
Splice Isoform 1 of CUG triplet repeat RNA-binding protein 1	52030	IPI00034015.1	11.934	3
Splice Isoform 1 of Cullin homolog 1	89622	IPI00014310.1	10.954	5
Splice Isoform 1 of Cullin homolog 3	88873	IPI00014312.1	19.401	10
Splice Isoform 1 of Cullin homolog 4B	102897	IPI00179057.5	14.572	9
Splice Isoform 1 of Dehydrogenase/reductase SDR family member 7 precursor	38274	IPI00006957.3	20.354	6
Splice Isoform 1 of Deoxyguanosine kinase, mitochondrial precursor	32036	IPI00004461.2	16.606	2
Splice Isoform 1 of Diablo homolog, mitochondrial precursor	27114	IPI00008418.3	25.523	5
Splice Isoform 1 of Dipeptidyl-peptidase III	82538	IPI00552114.1	25.509	11
Splice Isoform 1 of Disabled homolog 2	82456	IPI00179438.4	2.857	2
Splice Isoform 1 of DNA repair protein RAD50	153797	IPI00305282.2	22.18	18
Splice Isoform 1 of DNA-dependent protein kinase catalytic subunit	468788	IPI00296337.2	13.784	41
Splice Isoform 1 of Double-stranded RNA-specific adenosine deaminase	135910	IPI00394665.3	17.863	16
Splice Isoform 1 of Drebrin-like protein	48178	IPI00456925.3	35.814	13
Splice Isoform 1 of Dual specificity mitogen-activated protein kinase kinase 3	36149	IPI00218857.1	10.063	2
Splice Isoform 1 of Dynamin 2	98003	IPI00033022.2	19.77	13
Splice Isoform 1 of Dynein intermediate chain 1, cytosolic	72910	IPI00022461.1	9.302	3
Splice Isoform 1 of Dystrobrevin alpha	83881	IPI00000845.1	14.401	7
Splice Isoform 1 of Ectonucleotide pyrophosphatase/phosphodiesterase 2	98940	IPI00156171.2	6.837	6
Splice Isoform 1 of EGF-like repeats and discoidin I-like domains protein 3 precursor	53730	IPI00306046.1	8.958	3
Splice Isoform 1 of Egl nine homolog 1	45992	IPI00004928.1	13.85	3
Splice Isoform 1 of Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor	68464	IPI00032875.1	20.097	9
Splice Isoform 1 of Elongation factor G 2, mitochondrial precursor	86546	IPI00071703.1	10.27	5
Splice Isoform 1 of Elongation factor Ts, mitochondrial precursor	35368	IPI00021016.3	36.923	6
Splice Isoform 1 of Enabled protein homolog	66470	IPI00411623.3	12.352	5
Splice Isoform 1 of EPM2A-interacting protein 1	70325	IPI00419721.1	14.333	5
Splice Isoform 1 of Epsin 1	57539	IPI00002495.1	26.316	8
Splice Isoform 1 of ER-Golgi intermediate compartment 32 kDa protein	32571	IPI00022887.4	24.483	5
Splice Isoform 1 of Eukaryotic initiation factor 4A-II	46373	IPI00328328.3	25.799	9
Splice Isoform 1 of Eukaryotic translation initiation factor 4 gamma 3	176542	IPI00328268.7	6.183	7
Splice Isoform 1 of Exocyst complex component Sec3	101917	IPI00019427.2	11.857	7
Splice Isoform 1 of Exocyst complex component Sec6	86790	IPI00157734.2	14.021	4
Splice Isoform 1 of Extracellular calcium-sensing receptor precursor	120597	IPI00012817.1	4.453	3
Splice Isoform 1 of Far upstream element binding protein 3	61602	IPI00377261.1	19.231	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Fatty aldehyde dehydrogenase	54813	IPI00333619.4	17.732	9
Splice Isoform 1 of Fibronectin precursor	262442	IPI00022418.1	10.226	14
Splice Isoform 1 of FK506-binding protein 7 precursor	29990	IPI00001914.1	11.583	2
Splice Isoform 1 of Focal adhesion kinase 1	119157	IPI00012885.1	6.179	3
Splice Isoform 1 of Formin-binding protein 3	108737	IPI00337385.1	4.807	3
Splice Isoform 1 of FYVE, RhoGEF and PH domain containing protein 4	86541	IPI00065435.1	7.18	4
Splice Isoform 1 of Galectin-8	35516	IPI00010844.1	14.241	4
Splice Isoform 1 of Gamma-glutamyltransferase 4 precursor	70793	IPI00030634.1	10.06	3
Splice Isoform 1 of Gamma-glutamyltranspeptidase 1 precursor	61344	IPI00018901.1	11.599	5
Splice Isoform 1 of Gamma-tubulin complex component 2	102469	IPI00029705.2	2.993	2
Splice Isoform 1 of Ganglioside-induced differentiation-associated protein 1-like 1	41947	IPI00306658.1	10.082	2
Splice Isoform 1 of GDP-fucose protein O-fucosyltransferase 1 precursor	43927	IPI00058192.1	28.351	6
Splice Isoform 1 of General transcription factor II-I	112346	IPI00054042.1	14.83	10
Splice Isoform 1 of Ghrelin precursor	12903	IPI00008925.3	33.333	2
Splice Isoform 1 of Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1	78756	IPI00217952.6	31.903	19
Splice Isoform 1 of Glycerol kinase	57452	IPI00027424.3	5.725	2
Splice Isoform 1 of Glycogen synthase kinase-3 beta	46715	IPI00028570.2	12.143	2
Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 2	111590	IPI00156651.1	11.212	9
Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 3	167252	IPI00305267.2	8.144	7
Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 4	260980	IPI00013272.1	14.753	23
Splice Isoform 1 of Golgi autoantigen, golgin subfamily A member 5	82940	IPI00294065.6	11.218	6
Splice Isoform 1 of Heat shock cognate 71 kDa protein	70854	IPI00003865.1	49.226	36
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein A3	39571	IPI00419373.1	45.503	22
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein D0	38410	IPI00028888.1	43.099	20
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein H3	36903	IPI00013877.2	39.884	8
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein K	50944	IPI00216049.1	10.799	3
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein L-like	60045	IPI00103247.1	9.41	4
Splice Isoform 1 of Heterogeneous nuclear ribonucleoprotein Q	69590	IPI00018140.2	38.523	23
Splice Isoform 1 of Hexokinase, type I	102437	IPI00018246.3	11.778	7
Splice Isoform 1 of Hook homolog 2	83112	IPI00002432.1	19.611	7
Splice Isoform 1 of Host cell factor	208711	IPI00019848.1	7.027	10
Splice Isoform 1 of Importin 4	118642	IPI00156374.3	2.59	2
Splice Isoform 1 of Importin-alpha re-exporter	110346	IPI00022744.5	8.651	5
Splice Isoform 1 of Inorganic pyrophosphatase 2, mitochondrial precursor	37938	IPI00301109.3	50.599	14
Splice Isoform 1 of Interleukin enhancer-binding factor 3	95325	IPI00298788.3	25.615	18
Splice Isoform 1 of Kinectin	156179	IPI00328753.1	56.153	67

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Kinesin family member 21A	187063	IPI00425404.1	11.171	10
Splice Isoform 1 of Leucine-rich repeat-containing protein 1	59205	IPI00427739.1	7.824	2
Splice Isoform 1 of Liprin-alpha 1	135695	IPI00163496.10	1.997	2
Splice Isoform 1 of Long-chain-fatty-acid--CoA ligase 1	77893	IPI00012728.1	10.602	5
Splice Isoform 1 of MAGUK p55 subfamily member 2	64545	IPI00217808.2	5.556	2
Splice Isoform 1 of MAP kinase-activated protein kinase 2	45538	IPI00026054.1	10	3
Splice Isoform 1 of MAP/microtubule affinity-regulating kinase 3	86890	IPI00183118.4	4.381	2
Splice Isoform 1 of Melanoma-associated antigen D2	64914	IPI00009542.1	8.746	3
Splice Isoform 1 of Melanotransferrin precursor	80190	IPI00029275.1	3.252	2
Splice Isoform 1 of Methyl-CpG-binding domain protein 3	32823	IPI00439194.1	12.027	3
Splice Isoform 1 of Methylglutaconyl-CoA hydratase, mitochondrial precursor	35586	IPI00017802.1	8.26	3
Splice Isoform 1 of Microtubule-associated protein 2	199417	IPI00003842.2	10.071	12
Splice Isoform 1 of Microtubule-associated protein 4	120944	IPI00396171.3	54.427	40
Splice Isoform 1 of Microtubule-associated protein RP/EB family member 2	37008	IPI00003420.1	33.028	10
Splice Isoform 1 of Microtubule-associated protein RP/EB family member 3	31962	IPI00017597.3	27.046	5
Splice Isoform 1 of Minor histocompatibility antigen H13	41462	IPI00152441.3	7.427	3
Splice Isoform 1 of MIR-interacting saposin-like protein precursor	20639	IPI00443909.1	67.033	11
Splice Isoform 1 of Mitochondrial 28S ribosomal protein S5	47976	IPI00169400.1	5.581	2
Splice Isoform 1 of Mitochondrial dicarboxylate carrier	31262	IPI00015920.2	12.195	2
Splice Isoform 1 of Mitochondrial inner membrane protein	83626	IPI00009960.6	59.367	46
Splice Isoform 1 of Mitogen-activated protein kinase kinase kinase kinase 3	101251	IPI00217024.1	3.468	2
Splice Isoform 1 of Mitogen-activated protein kinase kinase kinase kinase 4	142013	IPI00006752.2	5.892	4
Splice Isoform 1 of Mortality factor 4-like protein 1	41448	IPI00409675.1	9.392	2
Splice Isoform 1 of Mps one binder kinase activator-like 1B	25064	IPI00301518.1	12.037	2
Splice Isoform 1 of Myoferlin	234561	IPI00021048.1	8.734	13
Splice Isoform 1 of Myosin Ib	131902	IPI00376344.3	28.257	24
Splice Isoform 1 of Myosin Id	116129	IPI00329719.1	20.577	15
Splice Isoform 1 of Myosin Va	215285	IPI00000807.1	8.464	9
Splice Isoform 1 of Myosin XVIIIa	233402	IPI00017030.10	8.362	11
Splice Isoform 1 of N6-adenosine-methyltransferase 70 kDa subunit	64433	IPI00009755.3	15.69	5
Splice Isoform 1 of N-acylneuraminase cytidylyltransferase	48349	IPI00303158.3	6.221	2
Splice Isoform 1 of NADH-ubiquinone oxidoreductase 51 kDa subunit, mitochondrial precursor	50785	IPI00028520.2	22.845	11
Splice Isoform 1 of Negative elongation factor A	59437	IPI00394676.1	9.29	2
Splice Isoform 1 of Negative elongation factor E	43214	IPI00000858.1	8.158	2
Splice Isoform 1 of Nesprin 2	795885	IPI00239405.3	4.343	18
Splice Isoform 1 of Neurobeachin protein	327604	IPI00328195.4	2.817	6



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Neuroendocrine protein 7B2 precursor	23715	IPI00008944.2	52.358	12
Splice Isoform 1 of Neutral alpha-glucosidase AB precursor	106807	IPI00383581.1	50.212	35
Splice Isoform 1 of Nicastrin precursor	78362	IPI00021983.1	11.707	6
Splice Isoform 1 of NMDA receptor regulated 1-like protein	101397	IPI00167368.2	4.167	2
Splice Isoform 1 of NMDA receptor regulated protein 1	101208	IPI00386189.2	9.815	6
Splice Isoform 1 of NSFL1 cofactor p47	40548	IPI00100197.3	43.243	12
Splice Isoform 1 of Nuclear autoantigenic sperm protein	85186	IPI00179953.2	12.183	8
Splice Isoform 1 of Nuclear factor NF-kappa-B p100/p49 subunits	96618	IPI00477537.1	19.689	9
Splice Isoform 1 of Nuclear mitotic apparatus protein 1	238130	IPI00292771.3	18.014	26
Splice Isoform 1 of Nuclear pore complex protein Nup98-Nup96 precursor	187673	IPI00006038.4	5.437	5
Splice Isoform 1 of Nucleolar protein 3	24313	IPI00105916.1	17.352	2
Splice Isoform 1 of Nucleophosmin	32555	IPI00027499.1	73.129	24
Splice Isoform 1 of Nucleoporin p54	55401	IPI00172580.3	12.032	5
Splice Isoform 1 of Oligoribonuclease, mitochondrial precursor	26844	IPI00032830.1	21.097	4
Splice Isoform 1 of Opioid growth factor receptor	73294	IPI00021537.4	5.318	2
Splice Isoform 1 of Optineurin	65881	IPI00304189.3	15.425	8
Splice Isoform 1 of PDZ and LIM domain protein 4	35376	IPI00032206.2	7.273	2
Splice Isoform 1 of Peptidyl-prolyl cis-trans isomerase G	88565	IPI00006298.1	5.57	4
Splice Isoform 1 of Pescadillo homolog 1	67960	IPI00003768.1	3.741	2
Splice Isoform 1 of Phosphatidylinositol 4-kinase beta	91321	IPI00002591.3	3.431	2
Splice Isoform 1 of Phosphatidylinositol-4-phosphate 5-kinase type II beta	47348	IPI00216470.1	11.538	4
Splice Isoform 1 of Phosphofurin acidic cluster sorting protein 1	104833	IPI00376229.1	7.061	4
Splice Isoform 1 of Phosphoserine aminotransferase	40397	IPI00001734.2	10.27	3
Splice Isoform 1 of Plasminogen activator inhibitor 1 RNA-binding protein	44938	IPI00410693.3	50.98	19
Splice Isoform 1 of Pleckstrin homology domain containing family C member 1	77811	IPI00000856.5	7.794	2
Splice Isoform 1 of Plectin 1	531412	IPI00014898.1	39.646	161
Splice Isoform 1 of Pleiotropic regulator 1	57158	IPI00002624.1	12.451	4
Splice Isoform 1 of Pogo transposable element with ZNF domain	155171	IPI00410717.1	2.057	2
Splice Isoform 1 of Poly	35916	IPI00027970.4	15.044	4
Splice Isoform 1 of Polyadenylate-binding protein 1	70626	IPI00008524.1	28.459	19
Splice Isoform 1 of Polymerase delta interacting protein 3	46060	IPI00440688.3	17.577	5
Splice Isoform 1 of Polymerase I and transcript release factor	43450	IPI00176903.2	28.974	9
Splice Isoform 1 of Polypyrimidine tract-binding protein 1	57186	IPI00179964.5	37.665	19
Splice Isoform 1 of Porphobilinogen deaminase	39306	IPI00028160.1	14.681	3
Splice Isoform 1 of Potential helicase MOV-10	113599	IPI00444452.3	5.783	4
Splice Isoform 1 of Presynaptic protein SAP97	100293	IPI00030351.1	6.637	4
Splice Isoform 1 of Probable aminopeptidase NPEPL1	43504	IPI00100292.5	12.409	3

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Probable mitochondrial import receptor subunit TOM40 homolog	37869	IPI00014053.3	11.911	2
Splice Isoform 1 of Programmed cell death protein 8, mitochondrial precursor	66859	IPI00000690.1	37.684	17
Splice Isoform 1 of Proteasome activator complex subunit 3	29488	IPI00030243.1	16.142	3
Splice Isoform 1 of Proteasome subunit alpha type 7	27870	IPI00024175.3	65.323	14
Splice Isoform 1 of Proteasome subunit beta type 8 precursor	30335	IPI00000783.1	8.333	2
Splice Isoform 1 of Protein 4.1	96957	IPI00003921.1	5.556	2
Splice Isoform 1 of Protein arginine N-methyltransferase 1	41459	IPI00018522.3	5.263	2
Splice Isoform 1 of Protein C14orf127	34048	IPI00384517.1	11.599	2
Splice Isoform 1 of Protein C14orf133	56970	IPI00004958.2	14.604	4
Splice Isoform 1 of Protein C20orf116 precursor	35589	IPI00028387.3	38.854	9
Splice Isoform 1 of Protein C20orf22	45068	IPI00394779.1	14.573	5
Splice Isoform 1 of Protein C8orf2	37815	IPI00026942.3	23.009	8
Splice Isoform 1 of Protein CXorf17	120499	IPI00394751.1	2.099	2
Splice Isoform 1 of Protein D11Lgp1 homolog precursor	57487	IPI00427501.1	10.943	2
Splice Isoform 1 of Protein HT031	26380	IPI00300990.3	11.694	2
Splice Isoform 1 of Protein KIAA1219	166692	IPI00409601.1	4.15	3
Splice Isoform 1 of Protein kinase C and casein kinase substrate in neurons protein 2	55704	IPI00027009.2	33.745	13
Splice Isoform 1 of Protein phosphatase 1 regulatory subunit 12A	115211	IPI00183002.6	16.019	12
Splice Isoform 1 of Protein phosphatase methylesterase 1	42679	IPI00007694.3	22.108	5
Splice Isoform 1 of Protein-glutamine gamma-glutamyltransferase	77280	IPI00294578.1	37.118	22
Splice Isoform 1 of Putative GTP-binding protein PTD004	44715	IPI00290416.3	43.687	11
Splice Isoform 1 of Putative HIF-prolyl hydroxylase PH-4	56625	IPI00219456.5	5.378	2
Splice Isoform 1 of Putative RNA-binding protein 15	107124	IPI00102752.2	2.252	2
Splice Isoform 1 of Putative splicing factor YT521	84649	IPI00144293.4	10.316	6
Splice Isoform 1 of Pyridoxal kinase	35080	IPI00013004.1	55.128	13
Splice Isoform 1 of Pyruvate dehydrogenase E1 component beta subunit, mitochondrial precursor	39194	IPI00003925.5	40.39	12
Splice Isoform 1 of Quinone oxidoreductase-like 1	38638	IPI00438923.1	7.45	2
Splice Isoform 1 of Rab GTPase binding effector protein 1	99305	IPI00293009.3	2.32	2
Splice Isoform 1 of Rab GTPase binding effector protein 2	63504	IPI00412499.1	10.896	5
Splice Isoform 1 of RAB6 interacting protein 2	128008	IPI00216719.1	15.323	10
Splice Isoform 1 of RAC-gamma serine/threonine-protein kinase	55739	IPI00031747.3	6.263	2
Splice Isoform 1 of RaBP1 associated Eps domain containing protein 1	80720	IPI00337530.3	9.274	5
Splice Isoform 1 of Ran-binding protein 3	60173	IPI00026337.1	10.229	4
Splice Isoform 1 of Ras-related protein Rab-1A	22663	IPI00005719.1	37.561	9

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Receptor-type tyrosine-protein phosphatase N2 precursor	111212	IPI00334666.1	19.212	11
Splice Isoform 1 of Regulator of nonsense transcripts 1	124267	IPI00034049.1	15.943	12
Splice Isoform 1 of Regulator of nonsense transcripts 3B	57727	IPI00023409.1	5.176	2
Splice Isoform 1 of Reticulon 4	129851	IPI00021766.3	7.886	4
Splice Isoform 1 of Retinol dehydrogenase 11	35363	IPI00339384.3	20.755	5
Splice Isoform 1 of Rho guanine nucleotide exchange factor 12	173125	IPI00022164.1	6.282	6
Splice Isoform 1 of Rho guanine nucleotide exchange factor 7	73094	IPI00449906.3	6.656	2
Splice Isoform 1 of Ribosome-binding protein 1	152098	IPI00220967.1	2.488	2
Splice Isoform 1 of RING finger protein 31	119575	IPI00094740.1	4.104	2
Splice Isoform 1 of RNA 3'-terminal phosphate cyclase	39311	IPI00011726.1	15.847	4
Splice Isoform 1 of RNA-binding protein 8A	19877	IPI00001757.1	17.241	2
Splice Isoform 1 of RNA-binding protein Musashi homolog 2	35174	IPI00073713.3	26.524	7
Splice Isoform 1 of RNA-binding region containing protein 2	59343	IPI00163505.2	20.943	9
Splice Isoform 1 of Sad1/unc-84 protein-like 1	90007	IPI00401147.4	13.916	5
Splice Isoform 1 of SEC14-like protein 2	46116	IPI00018314.1	8.189	2
Splice Isoform 1 of SEC23 interacting protein	111007	IPI00026969.4	8.4	6
Splice Isoform 1 of Seprase	87765	IPI00295461.1	6.184	3
Splice Isoform 1 of Serine beta-lactamase-like protein LACTB	60655	IPI00294186.4	10.055	3
Splice Isoform 1 of Serine protease HTRA2, mitochondrial precursor	48811	IPI00001663.1	12.882	4
Splice Isoform 1 of Serine/threonine-protein kinase PAK 4	64032	IPI00014068.1	19.12	9
Splice Isoform 1 of Serine/threonine-protein kinase WNK1	250602	IPI00004472.1	1.931	3
Splice Isoform 1 of Serum paraoxonase/arylesterase 2	39373	IPI00014958.1	36.723	6
Splice Isoform 1 of SET binding factor 1	208125	IPI00029446.2	1.876	2
Splice Isoform 1 of SET protein	33469	IPI00072377.1	51.034	12
Splice Isoform 1 of SH3 adapter protein SPIN90	78910	IPI00009319.1	8.033	4
Splice Isoform 1 of SH3 domain GRB2-like protein B1	40771	IPI00006558.3	40.822	13
Splice Isoform 1 of SH3 domain GRB2-like protein B2	43947	IPI00024540.3	30.38	7
Splice Isoform 1 of Signal recognition particle 68 kDa protein	70686	IPI00168388.1	35.726	17
Splice Isoform 1 of Signal transducer and activator of transcription 3	88392	IPI00298887.5	17.076	7
Splice Isoform 1 of Sodium/potassium-transporting ATPase beta-1 chain	35039	IPI00179529.2	31.353	8
Splice Isoform 1 of Solute carrier family 12, member 2	131364	IPI00022649.3	5.611	3
Splice Isoform 1 of Sorting nexin 12	19718	IPI00438170.3	46.512	6
Splice Isoform 1 of Spartin	72788	IPI00430622.1	3.754	2
Splice Isoform 1 of Spastin	67155	IPI00002707.1	7.468	2
Splice Isoform 1 of Spectrin alpha chain, brain	284352	IPI00413728.2	1.497	3
Splice Isoform 1 of Spectrin beta chain, brain 2	271127	IPI00012645.1	3.389	6
Splice Isoform 1 of Splicing factor, arginine/serine-rich 7	27350	IPI00003377.1	26.891	7

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of Sulfatase modifying factor 2 precursor	33836	IPI00171412.1	20.266	6
Splice Isoform 1 of Suppressor of Ty 6 homolog protein	198949	IPI00456681.1	5.91	6
Splice Isoform 1 of Surfeit locus protein 4	30374	IPI00005737.1	10.409	2
Splice Isoform 1 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1	54910	IPI00062599.1	7.143	2
Splice Isoform 1 of Syntaxin-1A	33003	IPI00003370.1	28.472	8
Splice Isoform 1 of Tenascin precursor	240713	IPI00031008.1	1.863	3
Splice Isoform 1 of Testin	47964	IPI00024097.3	23.99	8
Splice Isoform 1 of Trafficking protein particle complex subunit 6B	17971	IPI00384047.1	13.924	2
Splice Isoform 1 of Transcription elongation factor A protein 1	33948	IPI00333215.1	40.199	8
Splice Isoform 1 of Transcription intermediary factor 1-beta	88493	IPI00438229.1	36.048	20
Splice Isoform 1 of Transcriptional regulator ATRX	259662	IPI00220107.1	0.787	2
Splice Isoform 1 of Transforming acidic coiled-coil-containing protein 1	87740	IPI00025683.2	10.559	5
Splice Isoform 1 of Translation initiation factor eIF-2B delta subunit	57521	IPI00005979.2	18.164	7
Splice Isoform 1 of Translation initiation factor eIF-2B gamma subunit	50208	IPI00006504.3	15.929	4
Splice Isoform 1 of Tripeptidyl-peptidase I precursor	61191	IPI00298237.4	21.314	8
Splice Isoform 1 of tRNA-nucleotidyltransferase 1, mitochondrial precursor	50112	IPI00289807.3	29.493	7
Splice Isoform 1 of TRS85 homolog	160840	IPI00007253.3	2.997	3
Splice Isoform 1 of Tubulointerstitial nephritis antigen-like precursor	52353	IPI00005563.1	8.351	2
Splice Isoform 1 of Tumor susceptibility gene 101 protein	43916	IPI00018434.1	11.538	4
Splice Isoform 1 of U4/U6 small nuclear ribonucleoprotein Prp4	58412	IPI00150269.1	10.345	4
Splice Isoform 1 of Ubiquilin-1	62479	IPI00099550.1	20.204	7
Splice Isoform 1 of Ubiquitin carboxyl-terminal hydrolase 15	112348	IPI00000728.3	4.179	2
Splice Isoform 1 of Ubiquitin thiolesterase protein OTUB1	31264	IPI00549574.2	25.461	7
Splice Isoform 1 of UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	115632	IPI00005780.2	8.687	5
Splice Isoform 1 of Uridine 5'-monophosphate synthase	52189	IPI00003923.1	6.667	2
Splice Isoform 1 of Vacuolar ATP synthase subunit H	55847	IPI00296191.1	25.466	11
Splice Isoform 1 of Vacuolar protein sorting 16	94634	IPI00305438.3	10.489	4
Splice Isoform 1 of Vacuolar protein sorting 18	110116	IPI00001985.2	6.578	4
Splice Isoform 1 of Vacuolar protein sorting 29	20493	IPI00170796.1	36.264	4
Splice Isoform 1 of Vascular cell adhesion protein 1 precursor	81224	IPI00018136.1	8.119	3
Splice Isoform 1 of Vesicle-associated membrane protein-associated protein B/C	27211	IPI00006211.3	29.63	7
Splice Isoform 1 of Voltage-dependent anion-selective channel protein 2	38069	IPI00024145.1	13.545	5
Splice Isoform 1 of Voltage-dependent anion-selective channel protein 3	30639	IPI00031804.1	48.763	9
Splice Isoform 1 of WIP-related protein	46260	IPI00435947.2	7.727	2
Splice Isoform 1 of YLP motif containing protein 1	219849	IPI00165434.2	4.869	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 1 of YTH domain protein 2	62296	IPI00306043.1	8.463	4
Splice Isoform 1 of Zinc finger CCCH type antiviral protein 1	101380	IPI00410067.1	9.645	6
Splice Isoform 1 of Zinc finger FYVE domain-containing protein 16	168743	IPI00424460.1	2.534	2
Splice Isoform 1 of Zinc finger protein 207	50717	IPI00013457.1	5.23	3
Splice Isoform 1A of Beta-arrestin 1	47036	IPI00293857.1	9.809	2
Splice Isoform 1AB of Catenin delta-1	107283	IPI00182469.2	42.62	31
Splice Isoform 1B of AMP deaminase 3	88756	IPI00300573.2	4.824	2
Splice Isoform 2 of 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	54372	IPI00220808.1	42.038	19
Splice Isoform 2 of Acyl-coenzyme A oxidase 1, peroxisomal	74638	IPI00477729.1	28.788	13
Splice Isoform 2 of Adapter-related protein complex 2 beta 1 subunit	105783	IPI00220991.2	9.129	4
Splice Isoform 2 of Ankyrin repeat and SOCS box protein 9	27884	IPI00216580.3	32.061	5
Splice Isoform 2 of ATP-binding cassette, sub-family F, member 1	91623	IPI00013495.1	10.533	8
Splice Isoform 2 of Band 4.1-like protein 4B	56964	IPI00100362.1	6.349	2
Splice Isoform 2 of Basigin precursor	29203	IPI00019906.1	10.037	2
Splice Isoform 2 of Bcl-2-like 13 protein	52691	IPI00011635.3	18.351	4
Splice Isoform 2 of C6.1A protein	36428	IPI00008289.3	6.875	2
Splice Isoform 2 of Calcium/calmodulin-dependent protein kinase type II beta chain	56344	IPI00219165.1	9.344	3
Splice Isoform 2 of Calpain inhibitor	75171	IPI00220857.1	42.734	24
Splice Isoform 2 of Cat eye syndrome critical region protein 5 precursor	46292	IPI00011511.1	11.348	3
Splice Isoform 2 of Cell division control protein 42 homolog	21245	IPI00016786.1	53.403	11
Splice Isoform 2 of Conserved oligomeric Golgi complex component 6	63162	IPI00398963.3	4.085	2
Splice Isoform 2 of Diaphanous protein homolog 2	124748	IPI00032393.4	8.394	5
Splice Isoform 2 of DnaJ homolog subfamily A member 3, mitochondrial precursor	49629	IPI00179187.3	8.168	2
Splice Isoform 2 of Epsin 4	68123	IPI00397519.3	24.16	11
Splice Isoform 2 of Fragile X mental retardation 1 protein	69982	IPI00215721.1	6.129	3
Splice Isoform 2 of Gamma adducin	79105	IPI00004408.1	7.932	2
Splice Isoform 2 of Golgi reassembly stacking protein 2	39743	IPI00456613.1	21.094	6
Splice Isoform 2 of G-rich sequence factor-1	47951	IPI00444704.2	29.953	9
Splice Isoform 2 of GRIP and coiled-coil domain-containing protein 2	195790	IPI00333197.3	3.504	3
Splice Isoform 2 of Inositol 1,4,5-trisphosphate receptor type 1	311981	IPI00218658.1	1.203	2
Splice Isoform 2 of Intersectin 1	137590	IPI00220592.1	1.721	2
Splice Isoform 2 of Liprin-beta 1	113124	IPI00179172.5	6.766	3
Splice Isoform 2 of Lysine-specific histone demethylase 1	95096	IPI00217540.7	3.082	2
Splice Isoform 2 of Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor	57642	IPI00294140.4	52.941	19
Splice Isoform 2 of Microtubule-actin crosslinking factor 1, isoforms 1/2/3/5	620033	IPI00256861.4	13.112	38

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 2 of Microtubule-associated protein RP/EB family member 3	30361	IPI00553216.1	21.429	4
Splice Isoform 2 of Myosin light chain kinase, smooth muscle and non-muscle isozymes	203001	IPI00221255.1	1.192	2
Splice Isoform 2 of Myosin VI	145956	IPI00008455.1	20.681	20
Splice Isoform 2 of Nitrilase homolog 1	35873	IPI00023779.1	9.48	2
Splice Isoform 2 of Nuclear mitotic apparatus protein 1	236387	IPI00006196.2	16.373	19
Splice Isoform 2 of p130Cas-associated protein	107971	IPI00396130.4	5.929	3
Splice Isoform 2 of Phosphatidylinositol-binding clathrin assembly protein	68662	IPI00216184.2	24.842	8
Splice Isoform 2 of Phosphoglucomutase	61921	IPI00217872.2	48.319	24
Splice Isoform 2 of Plakophilin 2	97339	IPI00005264.1	8.967	4
Splice Isoform 2 of Prolyl 4-hydroxylase alpha-1 subunit precursor	60929	IPI00218682.1	19.288	8
Splice Isoform 2 of Protein C20orf43	31883	IPI00218962.1	14.983	2
Splice Isoform 2 of Ras-related protein Rab-6A	23534	IPI00217943.1	30.769	6
Splice Isoform 2 of RNA-binding protein Raly	32444	IPI00011268.1	35.294	9
Splice Isoform 2 of Serine/threonine-protein kinase PAK 3	60655	IPI00027382.1	12.684	6
Splice Isoform 2 of Spectrin alpha chain, brain	285306	IPI00478292.1	41.613	82
Splice Isoform 2 of Splicing factor 1	68589	IPI00294627.1	15.987	9
Splice Isoform 2 of Splicing factor, arginine/serine-rich 12	71606	IPI00375462.1	7.212	3
Splice Isoform 2 of Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor	48023	IPI00217232.1	42.63	13
Splice Isoform 2 of Supervillin	200668	IPI00018370.3	1.622	2
Splice Isoform 2 of Suppressor of potassium transport defect 3	75402	IPI00216192.3	10.931	5
Splice Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 2	124764	IPI00150057.4	10.885	10
Splice Isoform 2 of SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	41754	IPI00470489.1	19.008	6
Splice Isoform 2 of Synaptopodin	96337	IPI00027258.3	16.501	8
Splice Isoform 2 of Syntaxin binding protein 1	68692	IPI00046057.1	43.781	19
Splice Isoform 2 of Thioredoxin reductase 2, mitochondrial precursor	53888	IPI00157820.2	14.659	6
Splice Isoform 2 of Triple functional domain protein	262535	IPI00479523.1	1.82	2
Splice Isoform 2 of Tumor protein D54	19889	IPI00221178.1	60.753	9
Splice Isoform 2 of U1 small nuclear ribonucleoprotein 70 kDa	50587	IPI00219483.1	10.748	4
Splice Isoform 2 of Ubiquitin carboxyl-terminal hydrolase isozyme L5	36090	IPI00219512.1	18.038	4
Splice Isoform 2 of Ubiquitin ligase protein LRSAM1	80377	IPI00289113.2	5.172	2
Splice Isoform 2 of Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1	95694	IPI00465178.3	20.457	14
Splice Isoform 2 of Valacyclovir hydrolase precursor	31087	IPI00003990.1	32.117	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform 2 of WD-repeat protein 1	57835	IPI00216256.2	1.876	2
Splice Isoform 2B of Dynein intermediate chain 2, cytosolic	70601	IPI00412601.2	27.69	13
Splice Isoform 2B of Transforming protein p21	21411	IPI00423570.1	39.894	6
Splice Isoform 2C2 of Collagen alpha 2(VI) chain precursor	108506	IPI00304840.3	10.108	11
Splice Isoform 3 of Anamorsin	32192	IPI00025333.2	10.368	2
Splice Isoform 3 of Canalicular multispecific organic anion transporter 2	169234	IPI00006674.1	3.733	3
Splice Isoform 3 of Exocyst complex component 7	83330	IPI00103064.4	27.619	11
Splice Isoform 3 of Heterogeneous nuclear ribonucleoprotein A/B	30569	IPI00334713.1	43.158	14
Splice Isoform 3 of LAP4 protein	177632	IPI00410666.1	10.876	9
Splice Isoform 3 of LIM domain only protein 7	153589	IPI00291802.3	12.75	10
Splice Isoform 3 of Periphilin 1	49594	IPI00152093.3	5.069	2
Splice Isoform 3 of Protein C14orf159, mitochondrial precursor	62742	IPI00328443.1	13.597	6
Splice Isoform 3 of Pumilio homolog 2	113933	IPI00022184.1	2.538	2
Splice Isoform 3 of Ribosome-binding protein 1	152624	IPI00215743.2	59.618	90
Splice Isoform 3 of Tyrosine-protein phosphatase, non-receptor type 6	63086	IPI00183046.2	6.835	3
Splice Isoform 4 of FUS interacting serine-arginine rich protein 1	20987	IPI00386662.1	35.838	6
Splice Isoform 4 of Intersectin 2	134929	IPI00216423.1	1.343	2
Splice Isoform 4 of Nuclear factor 1 C-type	55640	IPI00029795.1	15.157	4
Splice Isoform 5 of Interleukin enhancer-binding factor 3	74606	IPI00219330.1	9.42	6
Splice Isoform 7 of Partitioning-defective 3 homolog	141644	IPI00045423.1	2.749	3
Splice Isoform A of 27 kDa Golgi SNARE protein	24760	IPI00023135.4	30.189	5
Splice Isoform A of Adapter-related protein complex 1 beta 1 subunit	104540	IPI00328257.4	14.542	9
Splice Isoform A of A-kinase anchor protein 2	121997	IPI00032064.1	6.256	5
Splice Isoform A of Band 4.1-like protein 3	120603	IPI00032230.2	21.159	16
Splice Isoform A of Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 2	69457	IPI00030009.2	51.466	27
Splice Isoform A of Branched-chain-amino-acid aminotransferase, mitochondrial precursor	44259	IPI00396258.3	37.755	8
Splice Isoform A of Chloride intracellular channel 6	70953	IPI00165936.1	12.828	5
Splice Isoform A of Decorin precursor	39722	IPI00012119.1	6.128	2
Splice Isoform a of DnaJ homolog subfamily C member 12	23400	IPI00029149.1	23.737	5
Splice Isoform A of Formimidoyltransferase-cyclodeaminase	58889	IPI00001441.3	7.394	2
Splice Isoform A of Inositol polyphosphate 5-phosphatase OCRL-1	104451	IPI00216271.4	4.978	4
Splice Isoform A of Kinesin light chain 1	64746	IPI00020096.1	35.852	15
Splice Isoform A of Lamin A/C	74095	IPI00021405.3	70.633	80
Splice Isoform A of Neuronal-specific septin 3	39320	IPI00248956.1	6.957	2
Splice Isoform A of Osteopontin precursor	35401	IPI00021000.1	42.357	10

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform A of Peptidyl-prolyl cis-trans isomerase E	33410	IPI00009316.3	8.306	2
Splice Isoform A of Probable cation-transporting ATPase 13A1	132870	IPI00034277.1	15.199	12
Splice Isoform A of Protein CutA precursor	20912	IPI00034319.2	27.778	3
Splice Isoform A of Ras-GTPase-activating protein binding protein 2	54078	IPI00009057.1	28.423	8
Splice Isoform A of SON protein	232178	IPI00218617.1	6.916	6
Splice Isoform A1 of Tight junction protein ZO-2	133890	IPI00003843.1	22.269	17
Splice Isoform AGX2 of UDP-N-acetylhexosamine pyrophosphorylase	58803	IPI00000684.3	6.322	3
Splice Isoform Alpha' of Caspase-7 precursor	37790	IPI00216675.1	20.238	4
Splice Isoform Alpha of Nuclear inhibitor of protein phosphatase-1	38455	IPI00030383.1	24.786	4
Splice Isoform Alpha of Paxillin	60897	IPI00220030.1	19.031	5
Splice Isoform Alpha of Signal transducer and activator of transcription 1-alpha/beta	87280	IPI00030781.1	24.267	15
Splice Isoform Alpha of Tripartite motif protein 3	80786	IPI00152001.1	3.091	2
Splice Isoform Alpha-1 of Protein phosphatase 2C alpha isoform	42421	IPI00020950.1	9.948	3
Splice Isoform APP770 of Amyloid beta A4 protein precursor	86888	IPI00006608.1	3.896	3
Splice Isoform B of Adapter-related protein complex 2 alpha 1 subunit	105304	IPI00256684.1	17.487	10
Splice Isoform B of Arfaptin 1	41713	IPI00021258.2	41.823	10
Splice Isoform B of Arsenite-resistance protein 2	100214	IPI00220038.1	24.656	15
Splice Isoform B of Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial precursor	42185	IPI00304417.5	49.87	15
Splice Isoform B of Mannose-6-phosphate receptor binding protein 1	47004	IPI00303882.1	62.212	18
Splice Isoform B of Phosphate carrier protein, mitochondrial precursor	39933	IPI00215777.1	24.1	8
Splice Isoform B of Serine/threonine-protein kinase 24	49277	IPI00002212.1	15.124	5
Splice Isoform B of Syntaxin-16	36840	IPI00023149.2	12.346	2
Splice Isoform B of Syntaxin-3	28842	IPI00220099.1	26.587	6
Splice Isoform B1 of Heterogeneous nuclear ribonucleoproteins A2/B1	37407	IPI00396378.3	73.371	33
Splice Isoform Beta of Epithelial protein lost in neoplasm	85173	IPI00008918.1	45.191	29
Splice Isoform Beta of Heat-shock protein 105 kDa	92057	IPI00218993.1	29.853	17
Splice Isoform Beta of Lamina-associated polypeptide 2, isoforms beta/gamma	50639	IPI00030131.2	5.727	2
Splice Isoform Beta of Nucleolar phosphoprotein p130	74819	IPI00216654.1	15.233	9
Splice Isoform Beta of Pancreatic secretory granule membrane major glycoprotein GP2 precursor	42117	IPI00299429.4	7.368	2
Splice Isoform Beta of Poliovirus receptor precursor	40100	IPI00219425.3	11.559	3
Splice Isoform Beta of Striatin 3	87606	IPI00011461.3	9.5	3
Splice Isoform Beta of Vinexin	36707	IPI00472540.1	20.669	3
Splice Isoform Beta-1 of Protein phosphatase 2C beta isoform	52609	IPI00026612.1	12.735	3
Splice Isoform Beta-1A of Integrin beta-1 precursor	88407	IPI00217563.3	21.93	15



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform Beta-2 of DNA topoisomerase II, beta isozyme	183152	IPI00027280.2	9.594	10
Splice Isoform Brain of Clathrin light chain A	27060	IPI00014587.1	22.581	6
Splice Isoform Brain of Clathrin light chain B	25175	IPI00014589.1	17.904	3
Splice Isoform BTF3A of Transcription factor BTF3	22154	IPI00221035.2	46.117	6
Splice Isoform C2 of Heterogeneous nuclear ribonucleoproteins C1/C2	33667	IPI00013944.2	13.399	2
Splice Isoform CD44 of CD44 antigen precursor	81503	IPI00305064.1	15.499	13
Splice Isoform CFL2b of Cofilin, muscle isoform	18725	IPI00413344.2	57.229	11
Splice Isoform CNPI of 2',3'-cyclic-nucleotide 3'-phosphodiesterase	45070	IPI00220993.1	24.688	7
Splice Isoform CREB-A of cAMP response element binding protein	36666	IPI00027713.1	12.903	2
Splice Isoform Crk-II of Proto-oncogene C-crk	33851	IPI00004838.1	23.684	4
Splice Isoform D of Plasma membrane calcium-transporting ATPase 1	138668	IPI00021695.1	9.936	7
Splice Isoform DFF45 of DNA fragmentation factor alpha subunit	36500	IPI00010882.3	14.804	3
Splice Isoform DPI of Desmoplakin	331571	IPI00013933.1	29.119	71
Splice Isoform DUT-M of Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial precursor	26690	IPI00013679.1	21.429	4
Splice Isoform EWS of RNA-binding protein EWS	68436	IPI00009841.3	10.823	4
Splice Isoform GAC of Glutaminase, kidney isoform, mitochondrial precursor	65418	IPI00215687.1	29.431	11
Splice Isoform GCH-1 of GTP cyclohydrolase I	27885	IPI00027492.1	8.4	2
Splice Isoform GTBP-N of DNA mismatch repair protein MSH6	152761	IPI00384456.3	1.691	2
Splice Isoform I of Septin 6	48842	IPI00216139.1	14.52	3
Splice Isoform I of T-cell surface glycoprotein E2 precursor	18836	IPI00253036.5	15.676	2
Splice Isoform II of Ubiquitin-protein ligase E3A	100581	IPI00011609.3	3.314	2
Splice Isoform IIb of Prolyl 4-hydroxylase alpha-2 subunit precursor	60864	IPI00003128.1	6.355	2
Splice Isoform KGA of Glutaminase, kidney isoform, mitochondrial precursor	73414	IPI00289159.3	45.142	20
Splice Isoform LAMP-2A of Lysosome-associated membrane glycoprotein 2 precursor	44932	IPI00009030.1	16.341	7
Splice Isoform Liver of ATP synthase gamma chain, mitochondrial precursor	34432	IPI00478410.1	47.249	12
Splice Isoform LMP2.L of Proteasome subunit beta type 9 precursor	23250	IPI00000787.1	15.525	3
Splice Isoform Long of 60-kDa SS-A/Ro ribonucleoprotein	60631	IPI00019450.2	17.1	7
Splice Isoform Long of Active breakpoint cluster region-related protein	97635	IPI00030389.1	6.868	3
Splice Isoform Long of Adenosine kinase	40520	IPI00290279.1	34.254	9
Splice Isoform Long of Armadillo repeat protein deleted in velo-cardio-facial syndrome	104577	IPI00010490.1	5.509	5
Splice Isoform Long of ATP-binding cassette, sub-family B, member 8, mitochondrial precursor	79897	IPI00019022.1	4.218	2
Splice Isoform Long of Beta-glucuronidase precursor	74669	IPI00027745.3	2.151	2
Splice Isoform Long of Collagen alpha 1(XVIII) chain precursor	153732	IPI00022822.2	6.266	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform Long of Delta 1-pyrroline-5-carboxylate synthetase	87248	IPI00008982.1	38.616	24
Splice Isoform Long of Double-stranded RNA-binding protein Staufen homolog	63228	IPI00000001.1	10.052	6
Splice Isoform Long of ES1 protein homolog, mitochondrial precursor	28125	IPI00024913.1	54.104	11
Splice Isoform Long of Eukaryotic translation initiation factor 4H	27368	IPI00014263.1	49.597	12
Splice Isoform Long of Galectin-9	39493	IPI00010477.1	7.606	2
Splice Isoform Long of Glutaryl-CoA dehydrogenase, mitochondrial precursor	48096	IPI00024317.1	22.603	6
Splice Isoform Long of Glycylpeptide N-tetradecanoyltransferase 1	56770	IPI00329692.3	24.194	8
Splice Isoform Long of Laminin gamma-2 chain precursor	130906	IPI00015117.1	9.137	8
Splice Isoform Long of Long-chain-fatty-acid--CoA ligase 4	79137	IPI00029737.1	12.658	5
Splice Isoform Long of Metastasis-associated protein MTA1	80737	IPI00012773.1	7.692	4
Splice Isoform Long of Nucleolysin TIA-1	42934	IPI00291398.1	5.44	2
Splice Isoform Long of Possible global transcription activator SNF2L2	180650	IPI00289880.3	2.396	4
Splice Isoform Long of Potential phospholipid-transporting ATPase IA	131285	IPI00032402.1	3.351	3
Splice Isoform Long of Potential phospholipid-transporting ATPase IIA	118506	IPI00024368.1	9.265	7
Splice Isoform Long of Restin	160891	IPI00027172.1	4.905	4
Splice Isoform Long of Sodium/potassium-transporting ATPase alpha-1 chain precursor	112824	IPI00006482.1	20.039	24
Splice Isoform Long of Spectrin beta chain, brain 1	274461	IPI00005614.3	26.607	40
Splice Isoform Long of Splicing factor, proline-and glutamine-rich	76102	IPI00010740.1	36.634	27
Splice Isoform Long of TRAF family member-associated NF-kappa-B activator	47594	IPI00299166.1	7.059	2
Splice Isoform Long of Transformer-2 protein homolog	32669	IPI00013891.1	19.149	4
Splice Isoform Long of Trifunctional purine biosynthetic protein adenosine-3	107699	IPI00025273.1	13.069	8
Splice Isoform Long of Tyrosine-protein kinase SYK	72020	IPI00018597.1	4.094	2
Splice Isoform Long of Ubiquitin carboxyl-terminal hydrolase 5	95725	IPI00024664.1	38.811	22
Splice Isoform Long of Vesicle transport through interaction with t-SNAREs homolog 1B	26671	IPI00063784.2	9.483	2
Splice Isoform MEA6 of Cutaneous T-cell lymphoma-associated antigen 5	90898	IPI00006122.2	17.04	10
Splice Isoform Meis2C of Homeobox protein Meis2	51757	IPI00023696.1	12.998	3
Splice Isoform Mitochondrial of Glycine amidinotransferase, mitochondrial precursor	48424	IPI00032103.3	52.246	21
Splice Isoform OA3-323 of Leukocyte surface antigen CD47 precursor	35191	IPI00374740.3	10.217	3
Splice Isoform OS-9-1 of Protein OS-9 precursor	75661	IPI00329760.6	7.91	3
Splice Isoform p150 of Dynactin-1	141607	IPI00029485.2	28.873	28
Splice Isoform p27-L of 26S proteasome non-ATPase regulatory subunit 9	24638	IPI00010860.1	24.215	5
Splice Isoform PLD1A of Phospholipase D1	124106	IPI00012865.1	3.538	2
Splice Isoform PML-1 of Probable transcription factor PML	97455	IPI00022348.1	7.256	6
Splice Isoform RTN1-A of Reticulon 1	83566	IPI00003971.1	42.268	21

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splice Isoform S2 of BCL2/adenovirus E1B 19-kDa protein-interacting protein 1	31178	IPI00030397.1	11.439	2
Splice Isoform Sap-mu-0 of Proactivator polypeptide precursor	58074	IPI00012503.1	30.534	11
Splice Isoform SERCA1B of Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	110182	IPI00024804.3	2.298	2
Splice Isoform SERCA2A of Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	109620	IPI00177817.4	21.866	18
Splice Isoform SERCA3B of Sarcoplasmic/endoplasmic reticulum calcium ATPase 3	113904	IPI00004092.2	12.943	10
Splice Isoform Short of Dematin	43061	IPI00216633.1	19.843	4
Splice Isoform Short of Heterogenous nuclear ribonucleoprotein U	88890	IPI00386491.4	45.658	40
Splice Isoform Short of HLA class II histocompatibility antigen, gamma chain	26381	IPI00217775.1	15.948	3
Splice Isoform Short of NADPH:adrenodoxin oxidoreductase, mitochondrial precursor	53775	IPI00026958.3	26.273	9
Splice Isoform Short of Probable ubiquitin carboxyl-terminal hydrolase FAF-X	289438	IPI00003964.1	2.945	7
Splice Isoform Short of Proteasome subunit alpha type 1	29537	IPI00016832.1	71.863	21
Splice Isoform Short of RNA-binding protein FUS	53323	IPI00221354.1	15.619	6
Splice Isoform Short of TATA-binding protein associated factor 2N	61521	IPI00020194.1	27.844	9
Splice Isoform SM-B' of Small nuclear ribonucleoprotein associated proteins B and B'	24594	IPI00027285.1	12.917	3
Splice Isoform SNAP-25b of Synaptosomal-associated protein 25	23300	IPI00010470.3	27.67	5
Splice Isoform Sp100-HMG of Nuclear autoantigen Sp-100	100354	IPI00011675.1	4.664	4
Splice Isoform SRP40-1 of Splicing factor, arginine/serine-rich 5	31245	IPI00012341.1	16.544	3
Splice Isoform SRP55-1 of Splicing factor, arginine/serine-rich 6	39563	IPI00012345.2	12.5	5
Splice Isoform SV12 of PITSLRE serine/threonine-protein kinase CDC2L2	18099	IPI00024413.2	17.964	2
Splice Isoform Synapsin IA of Synapsin-1	73909	IPI00300568.3	11.773	3
Splice Isoform TGN51 of Trans-Golgi network integral membrane protein 2 precursor	50976	IPI00012545.1	22.083	7
Splice Isoform UBF1 of Nucleolar transcription factor 1	89350	IPI00014533.1	15.969	10
Splice Isoform UNPEL of Ubiquitin carboxyl-terminal hydrolase 4	108496	IPI00011836.1	4.05	2
Splice Isoform XD of Plasma membrane calcium-transporting ATPase 4	137833	IPI00012490.1	16.277	14
Spliceosome RNA helicase BAT1	48960	IPI00328343.7	28.271	14
Splicing factor 3 subunit 1	88831	IPI00017451.1	23.329	13
Splicing factor 3A subunit 2	49224	IPI00017341.2	8.836	3
Splicing factor 3A subunit 3	58812	IPI00029764.1	32.136	9
Splicing factor 3B subunit 1	145723	IPI00026089.3	27.531	22
Splicing factor 3B Subunit 2	100165	IPI00221106.5	35.419	22
Splicing factor 3B subunit 3	135507	IPI00300371.3	14.626	12

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Splicing factor 3B subunit 5	10129	IPI00010404.1	27.907	2
Splicing factor arginine/serine-rich 11	53510	IPI00464952.2	13.43	4
Splicing factor U2AF 35 kDa subunit	27854	IPI00005613.1	22.083	4
Splicing factor U2AF 65 kDa subunit	53467	IPI00031556.5	29.684	6
Splicing factor, arginine/Serine-rich 1 (Splicing factor 2, alternate Splicing factor)	27728	IPI00215884.3	33.871	10
Splicing factor, arginine/serine-rich 2	25330	IPI00005978.5	17.727	4
Splicing factor, arginine/serine-rich 3	19318	IPI00010204.1	48.78	10
Splicing factor, arginine/serine-rich 4	56645	IPI00000015.2	16.397	8
Splicing factor, arginine/serine-rich 9	25526	IPI00012340.1	19.457	5
SPUF protein precursor	18845	IPI00002525.3	55.233	9
Squamous cell carcinoma antigen 2	44825	IPI00010303.1	13.59	4
SR protein	34089	IPI00033561.2	23.607	5
Src substrate cortactin	61599	IPI00029601.3	4.182	2
SRPK1a protein kinase	92349	IPI00290439.1	6.416	3
SR-related CTD associated factor 6	103531	IPI00333010.5	5.131	2
SSGL9393	53187	IPI00432751.1	11.489	3
SSX2 interacting protein RAB3IP, isoform alpha2	52988	IPI00044842.1	14.496	4
STAM	59142	IPI00020178.1	8.333	5
Staphylococcal nuclease domain containing protein 1	101934	IPI00140420.4	59.56	47
START domain containing 10	40522	IPI00186008.1	9.749	3
Stathmin	17161	IPI00479997.3	72.297	13
STATIP1 protein	92517	IPI00015560.5	7.143	2
Steroid dehydrogenase homolog	34302	IPI00007676.1	23.718	7
Sterol O-acyltransferase 1	64692	IPI00019898.6	5.818	2
Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	41874	IPI00019407.1	21.984	4
Stomatin-like protein 2	38510	IPI00334190.4	63.764	19
Stress-70 protein, mitochondrial precursor	73635	IPI00007765.5	60.53	41
Stress-induced-phosphoprotein 1	62599	IPI00013894.1	51.934	30
Striatin	86091	IPI00014456.1	4.744	2
Striatin 4	80532	IPI00003016.1	5.445	3
Stromal interaction molecule 1	77375	IPI00166512.1	20.438	11
Structural maintenance of chromosome 1-like 1 protein	143144	IPI00291939.1	23.439	23
Structural maintenance of chromosome 3	141592	IPI00219420.2	16.174	14
Structure-specific recognition protein 1	81024	IPI00005154.1	6.206	3
Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial precursor	72645	IPI00305166.1	39.307	18
Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial precursor	31609	IPI00294911.1	34.643	8

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Succinate semialdehyde dehydrogenase, mitochondrial precursor	57178	IPI00019888.1	14.019	7
Succinyl-CoA ligase [GDP-forming] alpha-chain, mitochondrial precursor	35025	IPI00295625.1	38.739	11
Succinyl-CoA ligase [GDP-forming] beta-chain, mitochondrial precursor	46481	IPI00096066.2	49.537	19
Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial precursor	56122	IPI00026516.1	39.808	14
Sulfide:quinone oxidoreductase, mitochondrial precursor	49929	IPI00009634.1	45.333	18
Sulfite oxidase, mitochondrial precursor	53851	IPI00019987.1	16.189	3
Superoxide dismutase	15795	IPI00218733.2	91.503	17
Superoxide dismutase [Mn], mitochondrial precursor	24707	IPI00022314.1	86.486	20
Suppressor of actin 1	66908	IPI00022275.5	12.947	7
Suppressor of G2 allele of SKP1 homolog	37781	IPI00009149.1	22.523	4
SUPT16H protein	73051	IPI00026970.3	7.632	4
Supt5h protein	120925	IPI00298058.1	8.924	7
SV2A protein	82642	IPI00465374.2	2.695	2
SWAP-70 homolog	68955	IPI00307200.5	12.479	5
SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily A member 5	121828	IPI00297211.1	7.985	6
SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1	122676	IPI00234252.2	1.448	2
Symplekin	126420	IPI00023344.1	9.37	5
Synapse associated protein 1	39909	IPI00059242.3	33.523	11
Synaptic vesicle membrane protein VAT-1 homolog	41893	IPI00156689.3	60.814	19
Synaptojanin 2 binding protein	15918	IPI00299193.1	54.483	6
SynaptoSomal-aSSociated protein 23 iSoform SNAP23A	23340	IPI00010438.2	13.27	2
SynaptoSomal-aSSociated protein 29	28953	IPI00032831.4	19.767	5
Synaptotagmin VII	45473	IPI00012902.3	10.174	2
Synaptotagmin-5	42873	IPI00011727.2	6.995	2
Syntaxin 7	29827	IPI00289876.2	16.092	3
Syntaxin binding protein 2	66396	IPI00019971.3	30.017	10
Syntaxin binding protein 5	127492	IPI00171407.4	12.511	11
Syntaxin-12	31622	IPI00329332.1	24.275	4
Syntaxin-17	33398	IPI00012028.1	8.278	2
Syntaxin-18	38650	IPI00027194.1	20	5
Syntaxin-4	34159	IPI00029730.1	31.65	5
Syntaxin-5	34065	IPI00012005.3	17.94	3
Syntaxin-binding protein 3	67531	IPI00297626.3	8.446	4
Syntenin 1	32424	IPI00299086.3	23.826	4
SYT interacting protein SIP	69449	IPI00013174.2	23.767	14

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Talin 1	269550	IPI00298994.3	50.925	89
Talin 2	271408	IPI00219299.1	2.359	2
TANK-binding kinase 1	83590	IPI00293613.1	4.39	2
TAPBP protein	53935	IPI00007327.4	11.508	2
TAR DNA-binding protein-43	44711	IPI00025815.1	21.981	9
TATA element modulatory factor	123096	IPI00010586.1	7.319	5
TATA-binding protein-associated phosphoprotein	19432	IPI00008991.1	28.977	4
TatD DNase domain containing 1	33550	IPI00012463.3	5.051	2
TB1 protein	47838	IPI00328383.2	5.275	2
TBC1 domain family member 15	79410	IPI00154645.5	6.512	3
TBC1 domain family member 17	72608	IPI00002957.1	12.809	4
TBC1 domain family member 4	146514	IPI00220901.2	5.774	5
T-cell immunomodulatory protein precursor	68064	IPI00006547.4	11.765	6
T-complex protein 1, alpha subunit	60306	IPI00290566.1	54.856	23
T-complex protein 1, beta subunit	57321	IPI00297779.6	65.543	32
T-complex protein 1, delta subunit	57757	IPI00302927.5	54.647	20
T-complex protein 1, epsilon subunit	59633	IPI00010720.1	68.946	33
T-complex protein 1, eta subunit	59329	IPI00018465.1	41.436	16
T-complex protein 1, theta subunit	59741	IPI00302925.3	46.364	26
T-complex protein 1, zeta subunit	57857	IPI00027626.2	45.472	22
Telomerase-binding protein p23	18685	IPI00015029.1	35	5
Telomeric repeat binding factor 2 interacting protein 1	44233	IPI00008961.1	15.288	3
Tensin	185562	IPI00307545.1	12.334	10
Tensin2	138757	IPI00396051.1	3.58	2
TeTraTricopeptide repeat domain 19	55768	IPI00170855.1	3.992	2
Tetratricopeptide repeat protein 11	16927	IPI00007052.4	16.447	3
TFAR15	24642	IPI00298558.1	26.415	5
TFG protein	43421	IPI00099999.1	14	4
TGF-beta resistance-associated protein TRAG	160393	IPI00289815.1	2.265	2
THAP domain protein 4	62851	IPI00100399.2	7.452	2
Thiamine-triphosphatase	25419	IPI00013621.3	25.764	2
Thimet oligopeptidase 1	78773	IPI00216299.6	9.434	6
Thioesterase superfamily member 2	14951	IPI00020530.1	52.143	5
Thiopurine S-methyltransferase	28162	IPI00019400.1	5.714	2
Thioredoxin	11599	IPI00216298.5	30.769	5
Thioredoxin domain containing protein 1 precursor	31771	IPI00395887.2	12.143	3
Thioredoxin domain containing protein 4 precursor	46941	IPI00401264.5	61.084	15

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Thioredoxin domain containing protein 5 precursor	47599	IPI00171438.2	21.759	8
Thioredoxin reductase 1	70527	IPI00554786.1	31.221	15
Thioredoxin-dependent peroxide reductase, mitochondrial precursor	27675	IPI00024919.3	42.188	9
Thioredoxin-like protein 1	32100	IPI00305692.4	43.056	9
Thioredoxin-like protein 2	37408	IPI00008552.4	11.642	3
Thioredoxin-like protein KIAA1162 precursor	38928	IPI00100247.3	8.596	2
Thioredoxin-like protein p19 precursor	19194	IPI00026328.3	44.767	6
Thiosulfate sulfurtransferase	33277	IPI00216293.5	30.405	8
THO complex 2	173588	IPI00158615.5	1.453	2
THO complex subunit 4	26741	IPI00328840.5	45.703	7
Threonine synthase-like 1	83017	IPI00016287.3	12.921	6
Threonyl-tRNA synthetase, cytoplasmic	83382	IPI00329633.5	14.799	11
Thymidine phosphorylase precursor	49950	IPI00292858.3	39.004	14
Thymidylate kinase	23804	IPI00013862.5	10.377	2
Thymosin beta-10	4892	IPI00220827.4	62.791	14
Thymosin-like 3	5060	IPI00180240.2	61.364	11
Thymosin-like 4	5110	IPI00376165.2	50	3
Thyroid hormone receptor-associated protein complex 150 kDa component	108629	IPI00104050.2	24.293	16
Thyroid receptor interacting protein 11	227500	IPI00003515.1	15.816	17
Tight junction protein 1 isoform a	195797	IPI00216219.1	19.565	20
Tight junction protein 3 (zona occludens 3)	104764	IPI00293451.4	4.412	3
TIM14 protein	12491	IPI00304306.3	27.586	2
TIP120A protein	136317	IPI00100160.2	26.179	31
Tissue alpha-L-fucosidase precursor	53142	IPI00299026.3	27.983	9
Titin	3813840	IPI00179357.1	0.236	4
Toll-interacting protein	30262	IPI00100154.1	19.708	4
TOM1 protein	53795	IPI00023191.3	40.447	14
TP53 regulating kinase	28143	IPI00290305.3	10.672	2
TPM1 protein	28368	IPI00384369.2	62.449	24
Transaldolase	37516	IPI00024102.3	51.335	27
Transcription elongation factor A	22489	IPI00478127.3	42	8
Transcription elongation factor A (SII)-like 5	23293	IPI00257932.1	17.961	2
Transcription elongation factor B polypeptide 1	12465	IPI00300341.5	38.393	4
Transcription elongation factor B polypeptide 2	13125	IPI00026670.3	48.305	4
Transcription elongation factor B polypeptide 3	87176	IPI00018404.3	5.959	2
Transcription elongation regulator 1	123882	IPI00247871.1	6.557	4
Transcription factor A, mitochondrial precursor	29078	IPI00020928.1	23.984	5

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Transcription factor ELYS	252402	IPI00170594.1	3.398	4
Transcription initiation factor IIF, alpha subunit	58205	IPI00017450.2	8.317	4
Transcription initiation factor IIF, beta subunit	28363	IPI00329767.2	12.851	2
Transcription repressor	82623	IPI00382733.1	28.723	16
Transcriptional activator protein PUR-alpha	34889	IPI00023591.1	40.683	11
Transducer of Cdc42-dependent actin assembly-1	63532	IPI00015580.2	14.077	4
Transducin beta-like 2 protein	49766	IPI00000948.3	11.857	4
Transferrin receptor protein 1	84848	IPI00022462.1	9.868	5
Transforming growth factor-beta induced protein IG-H3 precursor	74634	IPI00018219.1	9.224	4
Transforming protein RhoA	21754	IPI00027500.1	20.725	5
Transgelin 2	24438	IPI00024057.2	77.273	18
Transitional endoplasmic reticulum ATPase	89135	IPI00022774.2	71.925	61
Transketolase	67835	IPI00021716.1	72.713	43
Translation initiation factor eIF-2B beta subunit	38965	IPI00028083.1	21.083	4
Translation initiation factor IF-2, mitochondrial precursor	81293	IPI00005039.1	4.952	2
Translin	26167	IPI00018768.1	27.632	5
Translin-associated protein X	33092	IPI00293350.3	41.724	8
Translocase of inner mitochondrial membrane 50 homolog	50433	IPI00418497.1	12.939	5
Translocated promoter region	267131	IPI00022970.3	31.782	52
Translocation protein SEC63 homolog	87811	IPI00218922.4	4.743	3
Translocation protein-1	45833	IPI00019004.1	9.273	6
Translocon-associated protein, alpha subunit precursor	32215	IPI00301021.1	11.888	4
Translocon-associated protein, delta subunit precursor	18987	IPI00019385.1	38.15	7
Translocon-associated protein, gamma subunit	21067	IPI00009235.1	19.459	4
Transmembrane 9 superfamily protein member 2 precursor	75725	IPI00018415.1	2.112	2
Transmembrane 9 superfamily protein member 3 precursor	67843	IPI00030847.3	11.036	4
Transmembrane 9 superfamily protein member 4	72494	IPI00021985.1	13.12	6
Transmembrane anchor protein 1	21452	IPI00465377.1	31.373	6
Transmembrane and coiled-coil domains 3	53735	IPI00240059.3	4.612	2
Transmembrane emp24 domain containing protein 4 precursor	25926	IPI00296259.4	30.837	7
Transmembrane emp24 domain containing protein 5 precursor	25988	IPI00294472.3	21.834	3
Transmembrane emp24 domain containing protein 9 precursor	25089	IPI00023542.4	43.458	8
Transmembrane protein	80551	IPI00102885.3	8.227	4
Transmembrane protein 32	14677	IPI00166785.1	26.718	2
Transmembrane protein 43	44847	IPI00549988.1	33.5	7
Transmembrane protein PT27	34883	IPI00307572.1	8.642	2
Transmembrane protein Tmp21 precursor	24960	IPI00028055.4	36.986	13



Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Transporter 1, ATP-binding cassette, sub-family B	87163	IPI00101026.3	10.272	4
Transportin 1	101244	IPI00024364.1	16.292	9
Transportin 2	100343	IPI00419856.1	3.269	2
Transthyretin precursor	15877	IPI00022432.1	73.469	14
Treacle major isoform	152013	IPI00165041.2	7.056	9
Tricarboxylate transport protein, mitochondrial precursor	33991	IPI00294159.3	29.26	7
Trifunctional enzyme alpha subunit, mitochondrial precursor	82947	IPI00031522.2	70.249	57
Trifunctional enzyme beta subunit, mitochondrial precursor	51363	IPI00022793.4	63.368	28
Trinucleotide repeat containing 4	50515	IPI00293640.2	9.032	3
Trinucleotide repeat containing 5	30729	IPI00551062.2	13.669	3
TRIO and F-actin binding protein	67999	IPI00148768.3	7.926	3
Triosephosphate isomerase 1	26653	IPI00465028.4	63.052	19
Tripartite motif protein 25	70944	IPI00029629.1	18.73	10
Tripartite motif protein 47	69503	IPI00307165.1	14.107	6
TRNA pseudouridine synthase A	47440	IPI00001716.3	5.152	2
Tropomodulin-1	40544	IPI00002375.3	57.66	15
Tropomodulin-3	39570	IPI00005087.1	51.705	10
Tropomyosin 4	28504	IPI00010779.3	36.694	21
Trypsin I precursor	26541	IPI00011694.1	17.409	4
Tryptophanyl-tRNA synthetase	53132	IPI00295400.1	35.244	14
Tryptophanyl-tRNA synthetase	12233	IPI00383754.1	49.541	4
Tryptophanyl-tRNA synthetase, mitochondrial precursor	40121	IPI00025050.1	25.278	5
TSC22 domain family protein 1	15670	IPI00019355.1	42.361	5
T-Star	38776	IPI00008570.1	7.514	2
Tu translation elongation factor, mitochondrial	49843	IPI00027107.3	62.198	25
TU12B1-TY protein	63379	IPI00465170.1	7.299	2
TUBA6 protein	36625	IPI00166768.1	32.923	10
Tubulin alpha-1 chain	49892	IPI00007750.1	61.607	27
Tubulin beta-2 chain	49639	IPI00011654.2	17.342	6
Tubulin beta-4 chain	49599	IPI00023598.1	66.892	20
Tubulin gamma-1 chain	51138	IPI00295081.1	10.643	3
Tubulin polymerization-promoting protein	23679	IPI00013043.1	36.53	6
Tubulin, beta polypeptide paralog	49921	IPI00031370.3	61.124	20
Tubulin-specific chaperone A	12716	IPI00217236.3	73.832	11
Tubulin-specific chaperone B	27308	IPI00293126.1	40.164	10
Tumor necrosis factor, alpha-induced protein 2	72617	IPI00304866.3	8.869	4
Tumor protein p53 inducible protein 3	35514	IPI00021237.3	7.53	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Tumor protein, translationally-controlled 1	21512	IPI00009943.2	50	6
Tumor-associated calcium signal transducer 1 precursor	34898	IPI00296215.1	27.707	8
Tumor-associated calcium signal transducer 2 precursor	35687	IPI00297910.1	5.882	2
Twinfilin isoform 1	43891	IPI00183508.2	28.385	7
Type 1 Tumor necrosis factor receptor shedding aminopeptidase regulator	107693	IPI00165949.1	4.747	4
Tyrosine-protein kinase JAK1	131872	IPI00011633.1	2.452	2
Tyrosine-protein phosphatase, non-receptor type 1	49935	IPI00297261.3	16.552	4
Tyrosine-protein phosphatase, non-receptor type 11	67968	IPI00298347.1	23.777	11
Tyrosine-protein phosphatase, non-receptor type 12	88065	IPI00289082.2	3.077	2
Tyrosyl-tRNA synthetase, cytoplasmic	58975	IPI00007074.4	39.658	18
U1 small nuclear ribonucleoprotein A	31128	IPI00012382.2	17.794	3
U2 small nuclear ribonucleoprotein A'	28398	IPI00297477.3	47.451	12
U2 small nuclear ribonucleoprotein B	25470	IPI00029267.1	19.556	3
U3 small nucleolar ribonucleoprotein protein MPP10	78816	IPI00012149.1	5.433	2
U3 small nucleolar RNA interacting protein 2	51809	IPI00217862.5	5.474	3
U4/U6 snRNP-associated 61 kDa protein	55407	IPI00292000.5	26.052	9
U5 small nuclear ribonucleoprotein 200 kDa helicase	244353	IPI00420014.2	18.024	27
U5 snRNP 100 kD protein	95588	IPI00006725.1	7.195	6
U5 snRNP-associated 102 kDa protein	106858	IPI00305068.5	3.294	2
U5 snRNP-specific 40 kDa protein	39274	IPI00006723.3	32.213	6
U6 snRNA-associated Sm-like protein LSm3	11707	IPI00219229.2	47.525	3
U6 snRNA-associated Sm-like protein LSm4	15340	IPI00294955.3	13.669	2
U6 snRNA-associated Sm-like protein LSm5	9800	IPI00220493.4	30	2
U6 snRNA-associated Sm-like protein LSm7	11595	IPI00007163.1	39.806	4
U6 snRNA-associated Sm-like protein LSm8	10265	IPI00219871.4	35.789	2
Ubiquilin-2	65724	IPI00409659.1	19.231	7
Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial precursor	10732	IPI00296022.1	42.857	2
Ubiquinol-cytochrome c reductase complex 14 kDa protein	13391	IPI00220416.2	66.364	9
Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C	9769	IPI00024742.4	40.741	4
Ubiquinol-cytochrome c reductase iron-sulfur subunit, mitochondrial precursor	29633	IPI00026964.1	43.066	11
Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor	48413	IPI00305383.1	59.382	19
Ubiquinol-cytochrome-c reductase complex core protein I, mitochondrial precursor	52585	IPI00013847.3	43.333	19
Ubiquinone biosynthesis monooxygenase COQ6	50838	IPI00032633.4	8.761	4
Ubiquitin and ribosomal protein S27a	17893	IPI00179330.5	33.974	4

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Ubiquitin associated protein 2-like	104094	IPI00029019.5	20.812	11
Ubiquitin carboxyl-terminal hydrolase 10	87080	IPI00291946.5	8.145	4
Ubiquitin carboxyl-terminal hydrolase 14	55902	IPI00219913.9	33.469	13
Ubiquitin carboxyl-terminal hydrolase 7	128234	IPI00003965.3	12.432	7
Ubiquitin carboxyl-terminal hydrolase isozyme L1	24808	IPI00018352.1	69.058	16
Ubiquitin carboxyl-terminal hydrolase isozyme L3	26166	IPI00011250.3	41.304	7
Ubiquitin conjugation factor E4 A	123458	IPI00028957.1	2.61	2
Ubiquitin fusion degradation 1-like	34478	IPI00218292.2	24.43	7
Ubiquitin ligase E3 alpha-II	200408	IPI00217407.1	1.652	2
Ubiquitin-activating enzyme E1	56816	IPI00026119.4	43.874	17
Ubiquitin-activating enzyme E1	25036	IPI00552452.1	52.991	11
Ubiquitin-activating enzyme E1C	51847	IPI00328154.3	8.639	2
Ubiquitin-associated domain containing protein	33560	IPI00027378.3	21.667	4
Ubiquitin-conjugating enzyme	27149	IPI00418603.1	12.185	2
Ubiquitin-conjugating enzyme E2 D3	16676	IPI00026965.1	42.857	4
Ubiquitin-conjugating enzyme E2 I	17995	IPI00032957.1	16.456	2
Ubiquitin-conjugating enzyme E2 L3	17850	IPI00021347.1	63.636	8
Ubiquitin-conjugating enzyme E2 M	20887	IPI00022597.1	17.486	3
Ubiquitin-conjugating enzyme E2 N	17127	IPI00003949.1	73.684	8
Ubiquitin-conjugating enzyme E2 variant 2	16352	IPI00019600.1	47.586	4
Ubiquitin-like 1 activating enzyme E1A	38426	IPI00033130.3	22.543	5
Ubiquitin-like 2 activating enzyme E1B	71179	IPI00023234.3	32.031	10
Ubiquitin-like protein fUbi and ribosomal protein S30 precursor	14381	IPI00019770.1	9.023	3
Ubiquitin-like protein SMT3C precursor	11550	IPI00303105.3	19.802	2
Ubiquitin--protein ligase EDD	309158	IPI00026320.1	2.179	2
UBX domain-containing protein 2	56743	IPI00293946.5	17.717	7
UDP-glucose 4-epimerase	38285	IPI00553131.1	24.713	3
UDP-glucose 6-dehydrogenase	54989	IPI00031420.1	57.692	32
UDP-glucose pyrophosphorylase 2 isoform a	56905	IPI00329331.3	39.567	18
UDP-glucose:glycoprotein glucosyltransferase 1 precursor	177078	IPI00024466.1	26.495	30
UMP-CMP kinase	25838	IPI00219953.1	51.754	16
UMP-CMP kinase	19002	IPI00514049.1	33.333	5
Uncharacterized hematopoietic stem/progenitor cells protein MDS029	12191	IPI00020510.1	49.074	6
UPF0082 protein	32457	IPI00019903.1	17.172	3
UPF0185 protein BM-002	9112	IPI00010207.1	72.941	4
UPF0198 protein CGI-141	15415	IPI00007061.1	20.29	2
UPF0202 protein KIAA1709	115631	IPI00300127.3	3.707	2

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
UPF0240 protein C6orf66	20254	IPI00023064.1	20.571	2
UPF0315 protein	14190	IPI00009010.3	25.6	3
Uroporphyrinogen decarboxylase	40761	IPI00301489.3	17.711	3
Utrophin	394248	IPI00009329.1	4.981	9
UV excision repair protein RAD23 homolog B	43145	IPI00008223.3	28.606	7
Uveal autoantigen	162479	IPI00173359.1	4.944	4
Vac14 homolog	87917	IPI00025160.2	3.069	2
Vacuolar ATP synthase catalytic subunit A, ubiquitous isoform	68260	IPI00007682.2	57.374	28
Vacuolar ATP synthase subunit B, brain isoform	56465	IPI00007812.1	63.209	27
Vacuolar ATP synthase subunit C	43914	IPI00007814.1	21.466	6
Vacuolar ATP synthase subunit D	28245	IPI00001568.1	27.126	5
Vacuolar ATP synthase subunit d	40303	IPI00034159.1	23.932	5
Vacuolar ATP synthase subunit E	26129	IPI00003856.1	69.912	17
Vacuolar ATP synthase subunit G 1	13749	IPI00025285.1	71.186	8
Vacuolar ATP synthase subunit S1 precursor	51993	IPI00020430.5	7.447	2
Vacuolar protein sorting 11	107768	IPI00300697.1	7.014	5
Vacuolar protein sorting 26	38146	IPI00411426.3	12.538	3
Vacuolar protein sorting 33A	67568	IPI00073179.1	8.389	3
Vacuolar protein sorting 33B	70570	IPI00032905.2	4.862	2
Vacuolar protein sorting 35	91649	IPI00018931.6	18.97	11
Vacuolar protein sorting 37C	38635	IPI00401773.3	12.394	2
Vacuolar protein sorting-associated protein 45	65036	IPI00090327.1	6.316	2
Valyl-tRNA synthetase 2	140387	IPI00000873.1	32.358	28
VAMP2 protein	12655	IPI00328127.5	35.345	3
VAMP-associated protein of 33 kDa	27875	IPI00170692.2	58.635	14
Vasodilator-stimulated phosphoprotein	39674	IPI00301058.4	21.636	8
Vav 2 oncogene	96970	IPI00004977.2	2.741	2
Very long-chain acyl-CoA synthetase homologue 3	87272	IPI00013623.3	3.822	2
Vesicle trafficking protein SEC22b	24725	IPI00006865.1	58.14	16
Vesicle-associated membrane protein 3	11303	IPI00019982.6	43	4
Vesicle-associated membrane protein 8	11431	IPI00030911.2	45	4
Vesicular integral-membrane protein VIP36 precursor	40203	IPI00009950.1	42.135	11
Vigilin	141352	IPI00022228.1	30.994	30
Villin 1	92506	IPI00218852.2	30.266	15
Villin 2	69199	IPI00549319.2	52.389	31
Vimentin	53488	IPI00418471.5	81.72	52
Vinculin isoform VCL	116649	IPI00291175.3	35.553	29

Protein Description	Molecular Weight (Da)	IPI Number	Total Sequence Coverage (%)	Total Unique Peptides
Vitamin D-binding protein precursor	52929	IPI00298853.5	24.684	9
Voltage-dependent anion channel 2	31547	IPI00411815.1	33.673	8
Voltage-dependent anion-selective channel protein 1	30623	IPI00216308.4	62.411	19
Von Hippel-Lindau binding protein 1	22643	IPI00334159.2	32.487	5
Von Willebrand factor A domain-related protein, isoform 1	46775	IPI00396383.1	20.449	5
VPS13C-2A protein	422124	IPI00465428.1	9.832	21
VPS13D-2A protein	488722	IPI00400836.2	0.39	2
WD40 protein	35056	IPI00152695.2	9.265	3
WD-repeat protein 1	66138	IPI00395750.3	43.564	21
WD-repeat protein 11	136598	IPI00412224.2	7.925	4
WD-repeat protein 13	53662	IPI00016988.3	11.753	3
WD-repeat protein 37	54616	IPI00032202.1	15.385	4
WD-repeat protein 50	59066	IPI00000733.2	7.895	2
Williams-Beuren Syndrome critical region protein 21 form D	33842	IPI00171152.1	22.403	4
Wiskott-Aldrich syndrome protein family member 2	54250	IPI00472164.2	6.426	2
Wolframin	100241	IPI00008711.3	14.27	10
WRNIP1 protein	69416	IPI00102997.1	4.375	2
WUGSC:H_DJ0747G18.3 protein	67218	IPI00069058.1	84.553	70
Xaa-Pro dipeptidase	54382	IPI00257882.4	26.423	6
XAP-5 protein	40216	IPI00030098.5	17.404	5
XPA-binding protein 2	99946	IPI00163084.3	2.69	2
XPR1 protein	73872	IPI00217110.1	7.765	2
Yeast sds22 homolog	41539	IPI00033600.1	46.667	14
ZBTB20 protein	73415	IPI00395693.4	5.988	2
Zinc finger protein 148	88921	IPI00010833.1	5.29	2
Zinc finger protein 289, ID1 regulated	56685	IPI00297322.3	24.952	7
Zinc finger protein 326	65613	IPI00373877.1	8.591	3
Zinc finger protein 512	64572	IPI00097492.3	10.229	4
Zinc finger protein IA-1	52890	IPI00005944.1	8.039	2
Zinc finger RNA binding protein	116939	IPI00333858.2	4.562	2
Zinc finger, CCHC domain containing 8	78557	IPI00166422.4	5.092	2
Zinc transporter SLC39A7	50087	IPI00021888.3	13.006	3
Zinc-finger protein ubi-d4	44127	IPI00023322.1	10.23	3
Zyxin	61238	IPI00020513.1	23.252	9