

Supplemental Table 1. Proteomics

Locus	Group	Group Type	Length	Unique Peptide	Molecular Weight	Sequence Count	Spectrum Count	NSAF	Coverage	Protein Score	Description	Division	Category
P02454	237	Some	1453	5	137851	6	16	0.00067381	0.0489	30.77	Collagen alpha-1(I) chain OS=Rattus norvegicus OX=101116 GN=Col1a1 PE=1 SV=5; Additional IDs concatenated into MaxParsimony group: F1M897; Additional IDs concatenated into MaxParsimony group: F1M897	Core matrisome	Collagens
Q9JI03	204	All	1840	0	183856	1	1	3.33E-05	0.0103	2.7188	Collagen alpha-1(V) chain OS=Rattus norvegicus OX=101116 GN=Col5a1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: G3V763, A0A0G2JX47; Additional IDs concatenated into MaxParsimony group: G3V763, A0A0G2JX47	Core matrisome	Collagens
A0A0G2KAN1	146	Some	1372	0	129498.6	7	24	0.00107038	0.059	53.848	Collagen alpha-2(I) chain OS=Rattus norvegicus OX=101116 GN=NEWGENE_621351 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P02466, F1LS40, A0A0G2K5E8; Additional IDs concatenated into MaxParsimony group: P02466, F1LS40, A0A0G2K5E8	Core matrisome	Collagens
F1MA59	73	Unique	1669	2	160494.5	2	2	7.33E-05	0.0282	3.9926	Collagen type IV alpha 1 chain OS=Rattus norvegicus OX=101116 GN=Col4a1 PE=1 SV=1	Core matrisome	Collagens
F1M6Q3	112	Unique	1645	1	160638.5	1	2	7.44E-05	0.0079	4.4338	Collagen type IV alpha 2 chain OS=Rattus norvegicus OX=101116 GN=Col4a2 PE=1 SV=3	Core matrisome	Collagens
F1LRJ1	190	Some	1671	1	161653.9	3	8	0.00029295	0.0096	13.352	Collagen type IV alpha 3 chain OS=Rattus norvegicus OX=101116 GN=Col4a3 PE=4 SV=2; Additional IDs concatenated into MaxParsimony group: M0R7Z7; Additional IDs	Core matrisome	Collagens

											concatenated into MaxParsimony group: M0R7Z7		
D3ZUL3	274	Some	1025	9	108720	13	40	0.00238791	0.1268	96.74	Collagen type VI alpha 1 chain OS=Rattus norvegicus OX=10116 GN=Col6a1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: M0RDR9; Additional IDs concatenated into MaxParsimony group: M0RDR9	Core matrisome	Collagens
F1LNH3	3	Unique	1027	11	109573.3	11	22	0.00131079	0.0925	45.114	Collagen type VI alpha 2 chain OS=Rattus norvegicus OX=10116 GN=Col6a2 PE=1 SV=2	Core matrisome	Collagens
A0A0G2JV12	240	All	1345	0	138163.3	5	10	0.00045494	0.058	21.787	Collagen type XV alpha 1 chain OS=Rattus norvegicus OX=10116 GN=Col15a1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: F1LPD0; Additional IDs concatenated into MaxParsimony group: F1LPD0	Core matrisome	Collagens
B2RZ77	207	All	202	0	24168.8	1	4	0.00121168	0.0396	7.5725	Dermatopontin OS=Rattus norvegicus OX=10116 GN=Dpt PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: D4A9H2; Additional IDs concatenated into MaxParsimony group: D4A9H2	Core matrisome	ECM Glycoproteins
D3Z9E1	38	Unique	900	10	94428.8	10	14	0.00095185	0.1133	26.939	Elastin microfibril interfacier 1 OS=Rattus norvegicus OX=10116 GN=Emilin1 PE=1 SV=1	Core matrisome	ECM Glycoproteins
G3V9M6	66	Unique	2872	4	311720.3	4	7	0.00014914	0.0118	12.622	Fibrillin 1 OS=Rattus norvegicus OX=10116 GN=Fbn1 PE=1 SV=1	Core matrisome	ECM Glycoproteins
P06399	139	Some	782	4	86613.9	13	40	0.00312993	0.1202	90.716	Fibrinogen alpha chain OS=Rattus norvegicus OX=10116 GN=Fga PE=1 SV=3	Core matrisome	ECM Glycoproteins
P14480	35	Unique	479	22	54182.7	22	67	0.00855895	0.4969	148.5	Fibrinogen beta chain OS=Rattus norvegicus OX=10116 GN=Fgb PE=1 SV=4	Core matrisome	ECM Glycoproteins
P02680	130	Unique	445	12	50582.5	12	32	0.00440019	0.2292	60.413	Fibrinogen gamma chain OS=Rattus norvegicus OX=10116 GN=Fgg PE=1 SV=3	Core matrisome	ECM Glycoproteins
F1M614	62	Unique	3121	15	343619.2	15	26	0.00050975	0.0586	54.773	Laminin subunit alpha 2 OS=Rattus norvegicus	Core matrisome	ECM Glycoproteins

											OX=10116 GN=Lama2 PE=1 SV=3		
F1MAN8	2	Unique	3713	21	403498.6	21	51	0.00084048	0.0797	122.45	Laminin subunit alpha 5 OS=Rattus norvegicus OX=10116 GN=Lama5 PE=1 SV=2	Core matrisome	ECM Glycoproteins
D3ZQN7	129	Unique	1786	12	197245.5	12	24	0.00082226	0.0622	53.781	Laminin subunit beta 1 OS=Rattus norvegicus OX=10116 GN=Lamb1 PE=1 SV=3	Core matrisome	ECM Glycoproteins
P15800	133	Some	1801	2	196328.7	20	49	0.00166481	0.1555	118.54	Laminin subunit beta-2 OS=Rattus norvegicus OX=10116 GN=Lamb2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: M0R6K0, Q5M7W9; Additional IDs concatenated into MaxParsimony group: M0R6K0, Q5M7W9	Core matrisome	ECM Glycoproteins
F1MAA7	134	Some	1607	15	177254.9	18	48	0.00182771	0.1182	99.799	Laminin subunit gamma 1 OS=Rattus norvegicus OX=10116 GN=Lamc1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0U1RS20; Additional IDs concatenated into MaxParsimony group: A0A0U1RS20	Core matrisome	ECM Glycoproteins
D3ZAF5	171	Some	810	2	89981.1	5	12	0.00090652	0.0556	24.611	Periostin OS=Rattus norvegicus OX=10116 GN=Postn PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A097BW25; Additional IDs concatenated into MaxParsimony group: A0A097BW25	Core matrisome	ECM Glycoproteins
D4A8G5	63	Unique	685	7	74687.8	7	17	0.00151859	0.1518	29.249	Transforming growth factor, beta-induced OS=Rattus norvegicus OX=10116 GN=Tgfb1 PE=1 SV=2	Core matrisome	ECM Glycoproteins
Q9EQT5	260	All	467	0	52768.1	1	3	0.00039308	0.0236	7.0577	Tubulointerstitial nephritis antigen-like OS=Rattus norvegicus OX=10116 GN=Tinag1 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: Q4V8N0; Additional IDs concatenated into MaxParsimony group: Q4V8N0	Core matrisome	ECM Glycoproteins

P07150	128	Unique	346	12	38786.9	12	30	0.0053055	0.2225	62.445	Annexin A1 OS=Rattus norvegicus OX=10116 GN=Anxa1 PE=1 SV=2	Matrisome-associated	ECM-affiliated Proteins
Q07936	131	Unique	339	10	38635.8	10	36	0.00649806	0.2448	69.603	Annexin A2 OS=Rattus norvegicus OX=10116 GN=Anxa2 PE=1 SV=2	Matrisome-associated	ECM-affiliated Proteins
F8WG95	295	All	136	0	15254.8	1	4	0.00179971	0.1618	7.0206	Galectin OS=Rattus norvegicus OX=10116 GN=Lgals7 PE=4 SV=3; Additional IDs concatenated into MaxParsimony group: P97590; Additional IDs concatenated into MaxParsimony group: P97590	Matrisome-associated	ECM-affiliated Proteins
D3ZBS2	287	All	887	0	98987.7	1	3	0.00020696	0.0113	5.3882	Inter-alpha-trypsin inhibitor heavy chain H3 OS=Rattus norvegicus OX=10116 GN=Itih3 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: Q63416; Additional IDs concatenated into MaxParsimony group: Q63416	Matrisome-associated	ECM Regulators
Q6P734	24	Unique	504	1	55558.1	1	1	0.00012141	0.0575	2.0238	Plasma protease C1 inhibitor OS=Rattus norvegicus OX=10116 GN=Serping1 PE=2 SV=1	Matrisome-associated	ECM Regulators
P05943	13	Unique	95	1	11049.5	1	2	0.00128821	0.1789	3.808	Protein S100-A10 OS=Rattus norvegicus OX=10116 GN=S100a10 PE=1 SV=2	Matrisome-associated	Secreted Factors
P23606	88	Unique	824	1	90694.9	1	1	7.43E-05	0.0133	2.002	Protein-glutamine gamma-glutamyltransferase K OS=Rattus norvegicus OX=10116 GN=Tgm1 PE=1 SV=1	Matrisome-associated	ECM Regulators
D3ZKA0	105	Unique	389	1	44203.5	1	5	0.00078651	0.0488	11.271	Serine (Or cysteine) peptidase inhibitor, clade B (Ovalbumin), member 13 (Predicted) OS=Rattus norvegicus OX=10116 GN=Serpib13 PE=3 SV=1	Matrisome-associated	ECM Regulators
P70564	169	All	375	0	42018.7	3	7	0.00114221	0.1013	15.198	Serpin B5 OS=Rattus norvegicus OX=10116 GN=Serpib5 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: G3V6C1; Additional IDs concatenated into MaxParsimony group: G3V6C1	Matrisome-associated	ECM Regulators
F1M987	28	Unique	1018	1	111390.5	1	1	6.01E-05	0.0354	2.3635	Signal peptide, CUB domain and EGF-like domain-containing 1 OS=Rattus norvegicus OX=10116 GN=Scube1 PE=4 SV=1	Matrisome-associated	Secreted Factors

Q9WVJ6	91	Unique	686	3	76868.1	3	4	0.00035679	0.0117	5.4299	Tissue-type transglutaminase OS=Rattus norvegicus OX=10116 GN=Tgm2 PE=1 SV=1	Matrisome-associated	ECM Regulators
P35213	138	Some	246	2	28018.8	6	25	0.00621851	0.313	69.256	14-3-3 protein beta/alpha OS=Rattus norvegicus OX=10116 GN=Ywhab PE=1 SV=3		
P62260	138	Some	255	3	29137.4	5	18	0.0043193	0.2196	50.995	14-3-3 protein epsilon OS=Rattus norvegicus OX=10116 GN=Ywhae PE=1 SV=1		
A0A0G2K2B8	138	Some	274	0	31661.9	3	12	0.00267986	0.1606	26.249	14-3-3 protein eta OS=Rattus norvegicus OX=10116 GN=Ywhah PE=1 SV=1		
P68255	138	Some	245	2	27742.8	5	23	0.00574438	0.2776	57.955	14-3-3 protein theta OS=Rattus norvegicus OX=10116 GN=Ywhaq PE=1 SV=1		
A0A0G2JV65	138	Some	256	0	28952.3	9	36	0.00860486	0.4102	112.61	14-3-3 protein zeta/delta OS=Rattus norvegicus OX=10116 GN=Ywhaz PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P63102, P61983, P68511; Additional IDs concatenated into MaxParsimony group: P63102, P61983, P68511		
Q5X178	21	Unique	1023	1	116203.4	1	1	5.98E-05	0.0117	2.6497	2-oxoglutarate dehydrogenase, mitochondrial OS=Rattus norvegicus OX=10116 GN=Ogdh PE=1 SV=1		
B0BN93	44	Unique	376	1	42772.2	1	4	0.00065096	0.0399	11.752	26S proteasome non-ATPase regulatory subunit 13 OS=Rattus norvegicus OX=10116 GN=Psm13 PE=1 SV=1		
Q4FZT9	113	Unique	908	1	100105.7	1	4	0.00026956	0.0209	9.1428	26S proteasome non-ATPase regulatory subunit 2 OS=Rattus norvegicus OX=10116 GN=Psm2 PE=1 SV=1		
P62198	68	Unique	406	2	45579	2	5	0.00075357	0.0788	11.926	26S proteasome regulatory subunit 8 OS=Rattus norvegicus OX=10116 GN=Psmc5 PE=1 SV=1		
B0BMW2	184	All	261	0	27214.5	2	3	0.00070333	0.1188	8.0768	3-hydroxyacyl-CoA dehydrogenase type-2 OS=Rattus norvegicus OX=10116 GN=Hsd17b10 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: O70351;		

											Additional IDs concatenated into MaxParsimony group: O70351		
P62282	89	Unique	158	2	18401	2	5	0.0019364	0.0506	6.8184	40S ribosomal protein S11 OS=Rattus norvegicus OX=10116 GN=Rps11 PE=1 SV=3		
P13471	174	Some	151	1	16230.5	3	5	0.00202616	0.0861	9.909	40S ribosomal protein S14 OS=Rattus norvegicus OX=10116 GN=Rps14 PE=2 SV=3; Additional IDs concatenated into MaxParsimony group: Q6PDV6; Additional IDs concatenated into MaxParsimony group: Q6PDV6		
P62845	11	Unique	145	1	17011.2	1	4	0.001688	0.0897	16.188	40S ribosomal protein S15 OS=Rattus norvegicus OX=10116 GN=Rps15 PE=1 SV=2		
P27952	186	Some	293	0	31193.7	2	4	0.00083536	0.0751	6.582	40S ribosomal protein S2 OS=Rattus norvegicus OX=10116 GN=Rps2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZIY7, A0A0U1RVI9, A0A0G2KB28, M0RAJ8, D3ZT78, D3ZQW7, E9PT76; Additional IDs concatenated into MaxParsimony group: D3ZIY7, A0A0U1RVI9, A0A0G2KB28, M0RAJ8, D3ZT78, D3ZQW7, E9PT76		
P60868	255	All	119	0	13346.3	1	1	0.0005142	0.1261	2.1558	40S ribosomal protein S20 OS=Rattus norvegicus OX=10116 GN=Rps20 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K6L6, D3ZZK1, A0A0H2UHG7; Additional IDs concatenated into MaxParsimony group: A0A0G2K6L6, D3ZZK1, A0A0H2UHG7		
D4ACJ1	283	All	133	0	15367.4	1	2	0.00092015	0.1128	4.6456	40S ribosomal protein S24 OS=Rattus norvegicus OX=10116 GN=LOC100363469 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: P62850, A0A0H2UHH9;		

											Additional IDs concatenated into MaxParsimony group: P62850, A0A0H2UHH9		
P62853	223	Some	125	1	13715.7	2	3	0.00146856	0.056	4.2375	40S ribosomal protein S25 OS=Rattus norvegicus OX=10116 GN=Rps25 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZCH5, M0R763, D4AE10, F1M6F4, A0A0H2UHU0; Additional IDs concatenated into MaxParsimony group: D3ZCH5, M0R763, D4AE10, F1M6F4, A0A0H2UHU0		
P62859	252	All	69	0	7818.2	1	2	0.00177363	0.1739	3.2138	40S ribosomal protein S28 OS=Rattus norvegicus OX=10116 GN=Rps28 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0A0MY14; Additional IDs concatenated into MaxParsimony group: A0A0A0MY14		
P62909	191	Some	243	2	26639.4	3	9	0.0022663	0.07	15.824	40S ribosomal protein S3 OS=Rattus norvegicus OX=10116 GN=Rps3 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZVH2, A0A0G2K689; Additional IDs concatenated into MaxParsimony group: D3ZVH2, A0A0G2K689		
M0R6L4	165	All	264	0	29870.7	3	7	0.00162246	0.0758	19.12	40S ribosomal protein S3a OS=Rattus norvegicus OX=10116 GN=LOC100365839 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: P49242; Additional IDs concatenated into MaxParsimony group: P49242		

P62703	229	Some	263	1	29561	2	4	0.00093065	0.0266	7.2814	40S ribosomal protein S4, X isoform OS=Rattus norvegicus OX=10116 GN=Rps4x PE=2 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0H2UHX3, X1WI37; Additional IDs concatenated into MaxParsimony group: A0A0H2UHX3, X1WI37		
P62755	185	All	249	0	28645	2	9	0.00221169	0.0884	20.208	40S ribosomal protein S6 OS=Rattus norvegicus OX=10116 GN=Rps6 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: M0RD75; Additional IDs concatenated into MaxParsimony group: M0RD75		
P62083	102	Unique	194	3	22095.2	3	7	0.00220789	0.2165	13.46	40S ribosomal protein S7 OS=Rattus norvegicus OX=10116 GN=Rps7 PE=1 SV=1		
P62243	270	All	208	0	24172.2	1	3	0.00088255	0.0433	4.4298	40S ribosomal protein S8 OS=Rattus norvegicus OX=10116 GN=Rps8 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZIE1, M0R7Q5; Additional IDs concatenated into MaxParsimony group: D3ZIE1, M0R7Q5		
P29314	278	Some	194	1	22559.5	4	8	0.0025233	0.1856	17.075	40S ribosomal protein S9 OS=Rattus norvegicus OX=10116 GN=Rps9 PE=1 SV=4; Additional IDs concatenated into MaxParsimony group: D3ZV50, M0RB65, A0A0G2K4C4; Additional IDs concatenated into MaxParsimony group: D3ZV50, M0RB65, A0A0G2K4C4		
P38983	40	Unique	295	4	32785.4	4	12	0.00248909	0.1525	27.015	40S ribosomal protein SA OS=Rattus norvegicus OX=10116 GN=Rpsa PE=1 SV=3		
P19945	42	Unique	317	2	34175.8	2	5	0.00096514	0.0852	15.191	60S acidic ribosomal protein P0 OS=Rattus norvegicus OX=10116 GN=Rplp0 PE=1 SV=2		

P62907	74	Unique	217	2	24797.5	2	4	0.00112793	0.0599	13.004	60S ribosomal protein L10a OS=Rattus norvegicus OX=10116 GN=Rpl10a PE=1 SV=2		
P41123	254	All	211	0	24276.4	1	3	0.00087	0.0521	7.7032	60S ribosomal protein L13 OS=Rattus norvegicus OX=10116 GN=Rpl13 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZRM9, D3ZD02, F1M2E9, A0A0G2JYG9; Additional IDs concatenated into MaxParsimony group: D3ZRM9, D3ZD02, F1M2E9, A0A0G2JYG9		
P61314	82	Unique	204	1	24113.1	1	4	0.00119981	0.0784	11.145	60S ribosomal protein L15 OS=Rattus norvegicus OX=10116 GN=Rpl15 PE=1 SV=2		
F1LZX7	257	All	204	0	23482.4	1	2	0.0005999	0.0441	4.8469	60S ribosomal protein L17 OS=Rattus norvegicus OX=10116 GN=Rpl17 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2KB77, A0A0H2UHQ1, P24049, D3Z9G9; Additional IDs concatenated into MaxParsimony group: A0A0G2KB77, A0A0H2UHQ1, P24049, D3Z9G9		
P12001	209	Some	188	1	21627.2	2	3	0.00097644	0.0745	6.5628	60S ribosomal protein L18 OS=Rattus norvegicus OX=10116 GN=Rpl18 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0H2UHS7; Additional IDs concatenated into MaxParsimony group: A0A0H2UHS7		
P84100	54	Unique	196	1	23433.2	1	2	0.00062439	0.0867	2.6641	60S ribosomal protein L19 OS=Rattus norvegicus OX=10116 GN=Rpl19 PE=1 SV=1		

Q6PDW2	271	All	160	0	18549.1	1	2	0.00076488	0.0688	2.3424	60S ribosomal protein L21 OS=Rattus norvegicus OX=10116 GN=Rpl21 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: D4A4G9, M0R5R7, D3ZPN7, D4A870, D3Z9G3, P20280, D3ZEK2, D3ZPH0, D3ZMI8, D3ZPV5, D3ZPU6, D4A7B4, F1LY43; Additional IDs concatenated into MaxParsimony group: D4A4G9, M0R5R7, D3ZPN7, D4A870, D3Z9G3, P20280, D3ZEK2, D3ZPH0, D3ZMI8, D3ZPV5, D3ZPU6, D4A7B4, F1LY43		
P62890	210	All	115	0	12757.7	1	4	0.00212835	0.0783	6.5679	60S ribosomal protein L30 OS=Rattus norvegicus OX=10116 GN=Rpl30 PE=3 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2K5E6; Additional IDs concatenated into MaxParsimony group: A0A0G2K5E6		
P11250	175	All	117	0	13480.7	2	7	0.00366095	0.0855	14.737	60S ribosomal protein L34 OS=Rattus norvegicus OX=10116 GN=Rpl34 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: D4A4W9, B2RZD4, F1LQ14; Additional IDs concatenated into MaxParsimony group: D4A4W9, B2RZD4, F1LQ14		
P17078	265	All	123	0	14525.6	1	2	0.00099496	0.1057	2.8277	60S ribosomal protein L35 OS=Rattus norvegicus OX=10116 GN=Rpl35 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: F1M6G3; Additional IDs concatenated into MaxParsimony group: F1M6G3		
P09895	213	Some	297	1	34418.7	2	5	0.00103014	0.0303	10.117	60S ribosomal protein L5 OS=Rattus norvegicus OX=10116 GN=Rpl5 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: D3ZHP8; Additional IDs		

											concatenated into MaxParsimony group: D3ZHP8		
F1LQS3	189	Some	298	0	33506.9	2	3	0.00061601	0.057	4.1915	60S ribosomal protein L6 OS=Rattus norvegicus OX=10116 GN=Rpl6-ps1 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: P21533; Additional IDs concatenated into MaxParsimony group: P21533		
P05426	187	Some	260	1	30292	3	6	0.00141208	0.0846	9.9529	60S ribosomal protein L7 OS=Rattus norvegicus OX=10116 GN=Rpl7 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: B0K031, F1LUE9; Additional IDs concatenated into MaxParsimony group: B0K031, F1LUE9		
P62425	170	Some	266	1	29959	4	10	0.00230038	0.1015	15.548	60S ribosomal protein L7a OS=Rattus norvegicus OX=10116 GN=Rpl7a PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZPL5, F1M1M2, D4A6B9, D3ZU22, F1M013, D3ZJH5, D3ZNA3, F1M2Q3, D4A8X2, F1M4C7, M0R3M3, D3ZD15, Q7TQ86; Additional IDs concatenated into MaxParsimony group: D3ZPL5, F1M1M2, D4A6B9, D3ZU22, F1M013, D3ZJH5, D3ZNA3, F1M2Q3, D4A8X2, F1M4C7, M0R3M3, D3ZD15, Q7TQ86		
Q7TQ70	139	Some	782	1	86584.9	10	37	0.00289518	0.1304	84.213	Ac1873 OS=Rattus norvegicus OX=10116 GN=Fga PE=1 SV=1		
Q9ER34	83	Unique	780	1	85362	1	4	0.0003138	0.0192	7.2332	Aconitate hydratase, mitochondrial OS=Rattus norvegicus OX=10116 GN=Aco2 PE=1 SV=2		
Q4V7C7	201	Some	418	1	47309	2	5	0.00073194	0.0263	10.872	Actin-related protein 3 OS=Rattus norvegicus OX=10116 GN=Actr3 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K1C0, F1LY09;		

											Additional IDs concatenated into MaxParsimony group: A0A0G2K1C0, F1LY09		
A0A0G2K3K2	132	Some	378	0	42040.9	15	66	0.01068398	0.4365	133.85	Actin, cytoplasmic 1 OS=Rattus norvegicus OX=10116 GN=Actb PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P60711, P63259, P68035, P68136, P62738, A0A0G2K4M6, P63269, D3ZRN3; Additional IDs concatenated into MaxParsimony group: P60711, P63259, P68035, P68136, P62738, A0A0G2K4M6, P63269, D3ZRN3		
D3ZCV0	140	Some	894	1	103750.3	4	11	0.0007529	0.0548	21.898	Actinin alpha 2 OS=Rattus norvegicus OX=10116 GN=Actn2 PE=1 SV=1		
Q08163	116	Unique	474	2	51538.5	2	8	0.00103274	0.038	17.687	Adenylyl cyclase-associated protein 1 OS=Rattus norvegicus OX=10116 GN=Cap1 PE=1 SV=3		
A0A0G2K9H8	183	Some	187	0	21128.9	2	5	0.0016361	0.1711	11.135	ADP-ribosylation factor 3 OS=Rattus norvegicus OX=10116 GN=Arf3 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JV81, P61206, P84079, A0A0G2K4Q4; Additional IDs concatenated into MaxParsimony group: A0A0G2JV81, P61206, P84079, A0A0G2K4Q4		
P84083	26	Unique	180	1	20498.6	1	3	0.00101983	0.0556	6.5719	ADP-ribosylation factor 5 OS=Rattus norvegicus OX=10116 GN=Arf5 PE=1 SV=2		
A0A0G2JU96	246	Some	5364	1	571471.9	4	6	6.84E-05	0.0117	13.453	AHNAK nucleoprotein OS=Rattus norvegicus OX=10116 GN=Ahnak PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JUA5; Additional IDs concatenated into MaxParsimony group: A0A0G2JUA5		

F1LN88	192	All	519	0	56462.7	2	4	0.0004716	0.0886	8.2366	Aldehyde dehydrogenase, mitochondrial OS=Rattus norvegicus OX=10116 GN=Aldh2 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: P11884; Additional IDs concatenated into MaxParsimony group: P11884		
Q9QXQ0	140	Some	911	1	104831.4	11	27	0.00181354	0.1603	56.899	Alpha-actinin-4 OS=Rattus norvegicus OX=10116 GN=Actn4 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2K5U9, A0A0G2K013, Q6T487, Q9Z1P2, Q6GMN8, Q8R4I6; Additional IDs concatenated into MaxParsimony group: A0A0G2K5U9, A0A0G2K013, Q6T487, Q9Z1P2, Q6GMN8, Q8R4I6		
P04764	241	Some	434	2	47080.2	6	17	0.00239685	0.1106	29.526	Alpha-enolase OS=Rattus norvegicus OX=10116 GN=Eno1 PE=1 SV=4; Additional IDs concatenated into MaxParsimony group: M0R5J4, P07323, P15429; Additional IDs concatenated into MaxParsimony group: M0R5J4, P07323, P15429		
P00762	106	Unique	246	1	25924.7	1	6	0.00149244	0.0813	20.721	Anionic trypsin-1 OS=Rattus norvegicus OX=10116 GN=Prss1 PE=1 SV=1		
Q6IRJ7	52	Unique	463	1	49969.3	1	2	0.00026432	0.0194	4.1316	Annexin OS=Rattus norvegicus OX=10116 GN=Anxa7 PE=1 SV=1		
P07824	111	Unique	323	2	34933.3	2	4	0.00075777	0.0217	6.6997	Arginase-1 OS=Rattus norvegicus OX=10116 GN=Arg1 PE=1 SV=2		
P10719	235	Some	529	1	56300.5	9	20	0.00231342	0.2495	39.249	ATP synthase subunit beta, mitochondrial OS=Rattus norvegicus OX=10116 GN=Atp5f1b PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: G3V6D3; Additional IDs concatenated into MaxParsimony group: G3V6D3		

D4A133	281	Some	617	1	68203.5	2	5	0.00049587	0.0908	9.6364	ATPase H ⁺ -transporting V1 subunit A OS=Rattus norvegicus OX=10116 GN=Atp6v1a PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A1W2Q6N0; Additional IDs concatenated into MaxParsimony group: A0A1W2Q6N0		
D4ABV5	149	Some	149	3	16786.8	5	15	0.00616008	0.4362	40.689	Calmodulin-2 OS=Rattus norvegicus OX=10116 GN=Calm2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P0DP30, P0DP29, P0DP31; Additional IDs concatenated into MaxParsimony group: P0DP30, P0DP29, P0DP31		
Q5U206	149	Some	149	1	16773.8	3	6	0.00246403	0.1879	10.486	Calmodulin-like protein 3 OS=Rattus norvegicus OX=10116 GN=Calml3 PE=2 SV=1		
Q5U302	276	Some	908	3	100155.6	6	15	0.00101085	0.1002	44.7	Catenin (Cadherin associated protein), alpha 1 OS=Rattus norvegicus OX=10116 GN=Ctnna1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JYF7; Additional IDs concatenated into MaxParsimony group: A0A0G2JYF7		
D3ZZZ9	58	Unique	932	1	103989.6	1	2	0.00013131	0.0129	3.1349	Catenin (Cadherin associated protein), delta 1 (Predicted), isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Ctnnd1 PE=1 SV=1		
Q9WU82	277	All	781	0	85382.2	4	14	0.00109688	0.0909	36.128	Catenin beta-1 OS=Rattus norvegicus OX=10116 GN=Ctnnb1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JT93; Additional IDs concatenated into MaxParsimony group: A0A0G2JT93		

Q8CFN2	188	All	191	0	21227	2	6	0.0019222	0.1257	10.926	Cell division control protein 42 homolog OS=Rattus norvegicus OX=10116 GN=Cdc42 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2JSM8; Additional IDs concatenated into MaxParsimony group: A0A0G2JSM8		
D4ACB8	69	Unique	548	2	59532.5	2	5	0.0005583	0.0401	9.73	Chaperonin subunit 8 (Theta) (Predicted), isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Cct8 PE=1 SV=1		
P11442	155	All	1675	0	191458.6	5	11	0.00040185	0.0466	22.205	Clathrin heavy chain 1 OS=Rattus norvegicus OX=10116 GN=Cltc PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: F1M779; Additional IDs concatenated into MaxParsimony group: F1M779		
D4AC34	56	Unique	220	1	24672.7	1	2	0.00055627	0.0318	3.1383	Claudin 34C4 OS=Rattus norvegicus OX=10116 GN=Cldn34c4 PE=4 SV=3		
A0A0G2JZM8	57	Unique	1505	1	164575	1	1	4.07E-05	0.008	2.1583	CLIP-associating protein 2 OS=Rattus norvegicus OX=10116 GN=Clasp2 PE=1 SV=1		
Q66H80	48	Unique	511	1	57145.2	1	1	0.00011975	0.0235	2.6026	Coatomer subunit delta OS=Rattus norvegicus OX=10116 GN=Arcn1 PE=2 SV=1		
M0RC65	198	All	166	0	18679.8	1	4	0.00147446	0.1024	13.966	Cofilin 2 OS=Rattus norvegicus OX=10116 GN=Cfl2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P45592; Additional IDs concatenated into MaxParsimony group: P45592		
P01026	194	Some	1663	1	186324.4	3	4	0.00014718	0.0168	9.1952	Complement C3 OS=Rattus norvegicus OX=10116 GN=C3 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: M0RBF1, M0RBJ7; Additional IDs concatenated into MaxParsimony group: M0RBF1, M0RBJ7		

P08649	226	Some	1737	1	192024.3	2	3	0.00010568	0.0075	3.498	Complement C4 OS=Rattus norvegicus OX=10116 GN=C4 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: A0A0G2JW12, Q6MG90, M0RB00, F1LNM4, A0A0G2JV52; Additional IDs concatenated into MaxParsimony group: A0A0G2JW12, Q6MG90, M0RB00, F1LNM4, A0A0G2JV52		
P07335	8	Unique	381	2	42680.3	2	3	0.00048181	0.1129	4.9508	Creatine kinase B-type OS=Rattus norvegicus OX=10116 GN=Ckb PE=1 SV=2		
P47875	17	Unique	193	1	20581.7	1	5	0.00158524	0.0881	12.202	Cysteine and glycine-rich protein 1 OS=Rattus norvegicus OX=10116 GN=Csrp1 PE=1 SV=2		
P38650	154	Some	4644	2	531897.8	8	12	0.00015811	0.0228	22.409	Cytoplasmic dynein 1 heavy chain 1 OS=Rattus norvegicus OX=10116 GN=Dync1h1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: M0R9X8, F1LRT9; Additional IDs concatenated into MaxParsimony group: M0R9X8, F1LRT9		
B4F779	78	Unique	662	1	74052.3	1	4	0.00036973	0.0393	12.148	DCC-interacting protein 13-beta OS=Rattus norvegicus OX=10116 GN=Appl2 PE=2 SV=1		
A0A0G2KAM8	232	Some	1460	2	163740.7	3	3	0.00012573	0.0068	3.9525	DDB1 and CUL4-associated factor 1 OS=Rattus norvegicus OX=10116 GN=Dcaf1 PE=1 SV=1		
A0A0G2K719	151	Some	662	0	73082	5	16	0.00147891	0.0831	36.745	DEAD-box helicase 3, X-linked OS=Rattus norvegicus OX=10116 GN=Ddx3x PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZN21, A0A0G2K9N3, A0A096MIX2, E9PT29, Q6AYI1; Additional IDs concatenated into MaxParsimony group: D3ZN21, A0A0G2K9N3, A0A096MIX2, E9PT29, Q6AYI1		

D4ADE8	151	Some	311	1	34301.9	5	16	0.00314804	0.1543	36.426	DEAD-box helicase 3, X-linked OS=Rattus norvegicus OX=10116 GN=Ddx3x PE=1 SV=2		
P48675	244	Some	469	1	53406	4	4	0.00052188	0.0725	8.1651	Desmin OS=Rattus norvegicus OX=10116 GN=Des PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: Q6P725; Additional IDs concatenated into MaxParsimony group: Q6P725		
A0A0G2KA90	16	Unique	843	2	93988.1	2	3	0.00021776	0.0154	7.5794	Desmocollin 1 OS=Rattus norvegicus OX=10116 GN=Dsc1 PE=4 SV=1		
D3ZZI6	220	All	900	0	100638.8	1	2	0.00013598	0.0144	3.1789	Desmocollin 3 OS=Rattus norvegicus OX=10116 GN=Dsc3 PE=4 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K230; Additional IDs concatenated into MaxParsimony group: A0A0G2K230		
D4A4T7	279	Some	1039	1	112504	4	7	0.00041225	0.0269	14.146	Desmoglein 1 OS=Rattus norvegicus OX=10116 GN=Dsg1 PE=4 SV=3; Additional IDs concatenated into MaxParsimony group: D3ZM39, D3ZQ45; Additional IDs concatenated into MaxParsimony group: D3ZM39, D3ZQ45		
F1LMV6	1	Unique	2877	87	332168.7	87	258	0.00548733	0.2909	594.99	Desmoplakin OS=Rattus norvegicus OX=10116 GN=Dsp PE=1 SV=1		
P47942	77	Unique	572	1	62220.6	1	2	0.00021395	0.028	6.6165	Dihydropyrimidinase-related protein 2 OS=Rattus norvegicus OX=10116 GN=Dpysl2 PE=1 SV=1		
P63036	23	Unique	397	1	44821.4	1	1	0.00015413	0.0302	2.4413	DnaJ homolog subfamily A member 1 OS=Rattus norvegicus OX=10116 GN=Dnaja1 PE=1 SV=1		
P63170	177	Some	89	0	10341.1	2	3	0.00206259	0.2135	5.2364	Dynein light chain 1, cytoplasmic OS=Rattus norvegicus OX=10116 GN=Dynll1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q78P75; Additional IDs concatenated into MaxParsimony group: Q78P75		

D4A0A0	47	Unique	96	1	10850.7	1	2	0.00127479	0.125	3.1862	Dynein light chain roadblock OS=Rattus norvegicus OX=10116 GN=Dynlrb2 PE=3 SV=1		
P11530	181	Some	3677	4	425545.4	5	7	0.00011649	0.0218	15.755	Dystrophin OS=Rattus norvegicus OX=10116 GN=Dmd PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZEK8; Additional IDs concatenated into MaxParsimony group: D3ZEK8		
P62630	145	Some	462	2	50064.1	9	21	0.00278137	0.1775	41.001	Elongation factor 1-alpha 1 OS=Rattus norvegicus OX=10116 GN=Eef1a1 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: M0R757, F1M6C2; Additional IDs concatenated into MaxParsimony group: M0R757, F1M6C2		
P62632	145	Some	463	1	50404.3	2	4	0.00052864	0.067	9.055	Elongation factor 1-alpha 2 OS=Rattus norvegicus OX=10116 GN=Eef1a2 PE=1 SV=1		
Q68FR9	43	Unique	281	2	31292.9	2	2	0.00043552	0.0925	3.7696	Elongation factor 1-delta OS=Rattus norvegicus OX=10116 GN=Eef1d PE=1 SV=2		
Q68FR6	122	Unique	437	2	50011.1	2	2	0.00028005	0.0183	3.8406	Elongation factor 1-gamma OS=Rattus norvegicus OX=10116 GN=Eef1g PE=2 SV=3		
P05197	37	Unique	858	15	95204.9	15	38	0.00271005	0.1993	80.282	Elongation factor 2 OS=Rattus norvegicus OX=10116 GN=Eef2 PE=1 SV=4		
Q66HD0	258	All	804	0	92695.4	1	2	0.00015221	0.0187	3.8343	Endoplasmic OS=Rattus norvegicus OX=10116 GN=Hsp90b1 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0A0MY09, A0A0G2K4I4; Additional IDs concatenated into MaxParsimony group: A0A0A0MY09, A0A0G2K4I4		
Q5RK11	160	Some	407	1	46354.8	3	9	0.0013531	0.0663	17.441	Eukaryotic initiation factor 4A-II OS=Rattus norvegicus OX=10116 GN=Eif4a2 PE=1 SV=1		

Q1JU68	71	Unique	1354	2	163078.9	2	3	0.00013558	0.0185	5.6774	Eukaryotic translation initiation factor 3 subunit A OS=Rattus norvegicus OX=10116 GN=Eif3a PE=2 SV=2		
D4AC36	10	Unique	361	1	37955.3	1	8	0.00135601	0.0526	25.878	Eukaryotic translation initiation factor 3 subunit F OS=Rattus norvegicus OX=10116 GN=Eif3f PE=1 SV=3		
Q6P3V8	160	Some	406	2	46106.5	4	12	0.00180857	0.1946	26.768	Eukaryotic translation initiation factor 4A1 OS=Rattus norvegicus OX=10116 GN=Eif4a1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K8B7; Additional IDs concatenated into MaxParsimony group: A0A0G2K8B7		
Q5XI72	256	All	248	0	27289.4	1	2	0.00049347	0.0565	3.6898	Eukaryotic translation initiation factor 4H OS=Rattus norvegicus OX=10116 GN=Eif4h PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2KAW7; Additional IDs concatenated into MaxParsimony group: A0A0G2KAW7		
Q3T1J1	166	Some	154	2	16803.4	3	11	0.00437072	0.2338	27.208	Eukaryotic translation initiation factor 5A-1 OS=Rattus norvegicus OX=10116 GN=Eif5a PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: G3V7J7; Additional IDs concatenated into MaxParsimony group: G3V7J7		
P31977	159	Some	586	1	69329.6	5	9	0.00093978	0.0683	22.857	Ezrin OS=Rattus norvegicus OX=10116 GN=Ezr PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: A0A0G2K890; Additional IDs concatenated into MaxParsimony group: A0A0G2K890		
D3ZJF8	124	Unique	2584	1	274962	1	4	9.47E-05	0.0035	5.5328	Fc fragment of IgG-binding protein OS=Rattus norvegicus OX=10116 GN=Fcgbp PE=1 SV=3		
P04937	143	Some	2477	2	272322.7	11	22	0.00054347	0.0557	37.422	Fibronectin OS=Rattus norvegicus OX=10116 GN=Fn1 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A096P6L8, F1LST1;		

											Additional IDs concatenated into MaxParsimony group: A0A096P6L8, F1LST1		
C0JPT7	239	Some	2639	8	280301.6	9	16	0.00037099	0.0269	29.266	Filamin A OS=Rattus norvegicus OX=10116 GN=Flna PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JXT8; Additional IDs concatenated into MaxParsimony group: A0A0G2JXT8		
D4A8D5	239	Some	2578	1	275125.6	6	17	0.0004035	0.0221	34.991	Filamin B OS=Rattus norvegicus OX=10116 GN=Flnb PE=1 SV=1		
P05065	150	Some	364	3	39309.3	7	18	0.00302588	0.1621	37.824	Fructose-bisphosphate aldolase A OS=Rattus norvegicus OX=10116 GN=Aldoa PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2K3Q6, P00884, Q66HT1, P09117; Additional IDs concatenated into MaxParsimony group: A0A0G2K3Q6, P00884, Q66HT1, P09117		
Q6AY07	150	Some	364	1	39449.3	5	17	0.00285778	0.1209	36.025	Fructose-bisphosphate aldolase OS=Rattus norvegicus OX=10116 GN=Aldoart2 PE=2 SV=1		
F1LRI5	31	Unique	2671	1	292868.4	1	3	6.87E-05	0.0041	4.8833	GCN1, eIF2 alpha kinase activator homolog OS=Rattus norvegicus OX=10116 GN=Gcn1 PE=1 SV=3		
A0A0G2JSW3	148	Some	147	0	15937.2	5	8	0.00333007	0.4014	16.566	Globin a4 OS=Rattus norvegicus OX=10116 GN=Hbb PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P02091, P11517, A0A0G2JTW9, Q62669; Additional IDs concatenated into MaxParsimony group: P02091, P11517, A0A0G2JTW9, Q62669		

M0R590	178	Some	333	0	35773.1	4	11	0.00202129	0.2432	27.02	Glyceraldehyde-3-phosphate dehydrogenase OS=Rattus norvegicus OX=10116 GN=LOC108351137 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: P04797, D3ZGY4, M0R660, F1M4G6, F1M2N4, F1M269, F1LUI2, D3ZEN2, Q9ESV6, B1WBQ8, A0A0G2K8S2, A0A0G2JYY8, A0A0G2K7M1, E9PTV9, E9PTN6, D3ZQT0, F1LUV3, D3ZWV2, D3ZME3, F1LU03, F1M8P6; Additional IDs concatenated into MaxParsimony group: P04797, D3ZGY4, M0R660, F1M4G6, F1M2N4, F1M269, F1LUI2, D3ZEN2, Q9ESV6, B1WBQ8, A0A0G2K8S2, A0A0G2JYY8, A0A0G2K7M1, E9PTV9, E9PTN6, D3ZQT0, F1LUV3, D3ZWV2, D3ZME3, F1LU03, F1M8P6		
G3V7G8	206	All	728	0	81722.7	1	1	8.41E-05	0.0398	3.0961	Glycine--tRNA ligase OS=Rattus norvegicus OX=10116 GN=Gars PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q5I0G4; Additional IDs concatenated into MaxParsimony group: Q5I0G4		
P62828	180	Some	216	1	24389.6	2	3	0.00084986	0.1019	6.1002	GTP-binding nuclear protein Ran OS=Rattus norvegicus OX=10116 GN=Ran PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: Q8K586, Q66H11; Additional IDs concatenated into MaxParsimony group: Q8K586, Q66H11		
G3V913	292	All	206	0	22775.5	3	11	0.00326743	0.1117	28.312	Heat shock 27kDa protein 1 OS=Rattus norvegicus OX=10116 GN=Hspb1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P42930; Additional IDs concatenated into MaxParsimony group: P42930		

P55063	299	Some	641	1	70487.2	6	10	0.0009546	0.117	17.949	Heat shock 70 kDa protein 1-like OS=Rattus norvegicus OX=10116 GN=Hspa1l PE=2 SV=2		
P0DMW1	299	Some	641	0	70124.1	14	34	0.00324565	0.1825	108.52	Heat shock 70 kDa protein 1B OS=Rattus norvegicus OX=10116 GN=Hspa1b PE=2 SV=1		
P63018	299	Some	646	1	70809.2	19	43	0.00407302	0.3282	89.725	Heat shock cognate 71 kDa protein OS=Rattus norvegicus OX=10116 GN=Hspa8 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: M0R8M9, D4A4S3, F1LZ1l, M0RCB1, P0DMW0, A0A0G2JVI3, A0A0G2JUT0, contaminant_GR78_MOUSE, P06761, contaminant_GR78_MESAU, contaminant_GR78_RAT, contaminant_GR78_LYCES, F1M953, P48721, contaminant_GR78_SCHPO; Additional IDs concatenated into MaxParsimony group: M0R8M9, D4A4S3, F1LZ1l, M0RCB1, P0DMW0, A0A0G2JVI3, A0A0G2JUT0, contaminant_GR78_MOUSE, P06761, contaminant_GR78_MESAU, contaminant_GR78_RAT, contaminant_GR78_LYCES, F1M953, P48721, contaminant_GR78_SCHPO		
P97541	50	Unique	162	1	17476.1	1	3	0.00113315	0.0617	6.1995	Heat shock protein beta-6 OS=Rattus norvegicus OX=10116 GN=Hspb6 PE=1 SV=1		
P82995	125	Unique	733	2	84743.8	2	2	0.00016696	0.0191	2.8867	Heat shock protein HSP 90-alpha OS=Rattus norvegicus OX=10116 GN=Hsp90aa1 PE=1 SV=3		
P34058	202	Some	724	1	83211.1	2	4	0.00033807	0.0138	7.8217	Heat shock protein HSP 90-beta OS=Rattus norvegicus OX=10116 GN=Hsp90ab1 PE=1 SV=4; Additional IDs concatenated into MaxParsimony group: A0A0G2K793; Additional IDs concatenated into		

											MaxParsimony group: A0A0G2K793		
P14659	299	Some	633	2	69580.7	9	16	0.00154667	0.1216	29.157	Heat shock-related 70 kDa protein 2 OS=Rattus norvegicus OX=10116 GN=Hspa2 PE=1 SV=2		
P01946	242	Some	142	1	15300.8	3	4	0.00172366	0.2958	9.0754	Hemoglobin subunit alpha-1/2 OS=Rattus norvegicus OX=10116 GN=Hba1 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: A0A0G2JSV6; Additional IDs concatenated into MaxParsimony group: A0A0G2JSV6		
P04256	245	Some	320	1	34173.2	3	6	0.00114731	0.0906	16.542	Heterogeneous nuclear ribonucleoprotein A1 OS=Rattus norvegicus OX=10116 GN=Hnrnpa1 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: Q5I0M7, Q6P6G9, D4ACJ7; Additional IDs concatenated into MaxParsimony group: Q5I0M7, Q6P6G9, D4ACJ7		
F1LQ48	214	All	623	0	67842.3	1	2	0.00019644	0.0465	5.1734	Heterogeneous nuclear ribonucleoprotein L OS=Rattus norvegicus OX=10116 GN=Hnrnpl PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: F2Z3R2; Additional IDs concatenated into MaxParsimony group: F2Z3R2		
M0R735	25	Unique	562	1	62615.3	1	1	0.00010888	0.0178	2.2765	Heterogeneous nuclear ribonucleoprotein Q OS=Rattus norvegicus OX=10116 GN=Syncrip PE=1 SV=2		
A7VJC2	219	All	353	0	37436.7	1	4	0.00069337	0.0453	6.0348	Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Rattus norvegicus OX=10116 GN=Hnrnpa2b1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: F1LNF1, F1LM82; Additional IDs concatenated into MaxParsimony group: F1LNF1, F1LM82		

P0C169	164	Some	130	1	14078.9	4	10	0.00470693	0.4231	23.445	Histone H2A type 1-C OS=Rattus norvegicus OX=10116 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZXP3, D3ZVK7, Q4FZT6, P02262, G3V9C0, P0C170, A9UMV8, M0RDM4, M0RCL5, Q64598, P0CC09, Q6I8Q6, Q00728, D4AEC0, A0A0A0MXW3, D4ACV3, D3ZWE0, M0R6X5; Additional IDs concatenated into MaxParsimony group: D3ZXP3, D3ZVK7, Q4FZT6, P02262, G3V9C0, P0C170, A9UMV8, M0RDM4, M0RCL5, Q64598, P0CC09, Q6I8Q6, Q00728, D4AEC0, A0A0A0MXW3, D4ACV3, D3ZWE0, M0R6X5		
P0C0S7	164	Some	128	0	13526.5	2	6	0.00286829	0.2812	14.77	Histone H2A.Z OS=Rattus norvegicus OX=10116 GN=H2afz PE=1 SV=2		
D3ZNH4	147	Some	138	0	15465.4	5	17	0.00753791	0.3188	47.37	Histone H2B OS=Rattus norvegicus OX=10116 GN=Hist1h2bo PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JXI9, A0A0G2JXE0, G3V9C7, M0R4L7, D3ZWM5, G3V8B3, Q00715, D3ZLY9, D4A817, A0A0G2K7R1, Q00729, D3ZNZ9, M0RBQ5; Additional IDs concatenated into MaxParsimony group: A0A0G2JXI9, A0A0G2JXE0, G3V9C7, M0R4L7, D3ZWM5, G3V8B3, Q00715, D3ZLY9, D4A817, A0A0G2K7R1, Q00729, D3ZNZ9, M0RBQ5		
P62804	39	Unique	103	3	11342.4	3	14	0.0083171	0.3398	27.213	Histone H4 OS=Rattus norvegicus OX=10116 GN=Hist1h4b PE=1 SV=2		
Q9WVK7	85	Unique	314	1	34407.9	1	2	0.00038975	0.0955	4.0845	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial OS=Rattus norvegicus OX=10116 GN=Hadh PE=2 SV=1		
Q4V8F9	18	Unique	524	2	58288.9	2	4	0.0004671	0.0344	7.9915	Hydroxysteroid dehydrogenase- like protein 2 OS=Rattus		

											norvegicus OX=10116 GN=Hsdl2 PE=2 SV=1		
Q6P136	108	Unique	998	1	111133.1	1	4	0.00024525	0.0301	12.072	Hyou1 protein OS=Rattus norvegicus OX=10116 GN=Hyou1 PE=1 SV=1		
P52296	200	Some	875	1	97044	2	5	0.00034966	0.0366	15.181	Importin subunit beta-1 OS=Rattus norvegicus OX=10116 GN=Kpnb1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: F2Z3Q8; Additional IDs concatenated into MaxParsimony group: F2Z3Q8		
G3V7Q7	46	Unique	1657	1	188696.3	1	3	0.00011078	0.0115	7.8148	IQ motif containing GTPase activating protein 1 (Predicted), isoform CRA_b OS=Rattus norvegicus OX=10116 GN=Iqgap1 PE=1 SV=1		
Q6P0K8	36	Unique	745	16	81730.8	16	75	0.00616008	0.2752	202.11	Junction plakoglobin OS=Rattus norvegicus OX=10116 GN=Jup PE=1 SV=1		
Q6IFV4	297	Some	438	1	47681.3	6	24	0.00335288	0.1324	51.834	Keratin, type I cytoskeletal 13 OS=Rattus norvegicus OX=10116 GN=Krt13 PE=3 SV=1		
Q6IFV3	297	Some	447	2	48822.1	8	36	0.00492806	0.1298	67.153	Keratin, type I cytoskeletal 15 OS=Rattus norvegicus OX=10116 GN=Krt15 PE=1 SV=1		
Q6IFU7	297	Some	452	0	50163.9	13	95	0.01286075	0.2522	203.94	Keratin, type I cytoskeletal 42 OS=Rattus norvegicus OX=10116 GN=Krt42 PE=3 SV=1		
Q6IMF3	298	Some	625	1	64773.1	10	86	0.00841976	0.1056	192.94	Keratin, type II cytoskeletal 1 OS=Rattus norvegicus OX=10116 GN=Krt1 PE=2 SV=1		
Q6P6Q2	298	Some	576	0	61769.7	29	218	0.02315875	0.3385	538.95	Keratin, type II cytoskeletal 5 OS=Rattus norvegicus OX=10116 GN=Krt5 PE=1 SV=1		
Q4FZU2	298	Some	552	2	59194.7	18	160	0.01773626	0.2482	362.23	Keratin, type II cytoskeletal 6A OS=Rattus norvegicus OX=10116 GN=Krt6a PE=1 SV=1		
A0A0H2UHH5	298	Some	573	0	62112.1	12	98	0.01046532	0.1536	218.72	Keratin, type II cytoskeletal 75 OS=Rattus norvegicus		

											OX=10116 GN=Krt75 PE=1 SV=1		
Q6IMF1	67	Unique	452	3	50500.8	3	6	0.00081226	0.0376	9.6922	Keratin, type II cytoskeletal 80 OS=Rattus norvegicus OX=10116 GN=Krt80 PE=3 SV=1		
Q2PQA9	250	Some	963	1	109444.7	2	5	0.00031771	0.0249	10.66	Kinesin-1 heavy chain OS=Rattus norvegicus OX=10116 GN=Kif5b PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q6QLM7, A0A0G2K0Q2, F1M8F2, G3V6L4, A0A0G2K070; Additional IDs concatenated into MaxParsimony group: Q6QLM7, A0A0G2K0Q2, F1M8F2, G3V6L4, A0A0G2K070		
P04642	99	Unique	332	6	36409.3	6	18	0.00331753	0.1265	40.118	L-lactate dehydrogenase A chain OS=Rattus norvegicus OX=10116 GN=Ldha PE=1 SV=1		
A0A096MJ01	172	Some	726	3	76749.5	5	9	0.00075855	0.0551	15.293	LIM domain-binding 3 OS=Rattus norvegicus OX=10116 GN=Ldb3 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JYM0, A0A096MKD4, A0A0G2JXR0; Additional IDs concatenated into MaxParsimony group: A0A0G2JYM0, A0A096MKD4, A0A0G2JXR0		
Q6TUH8	225	All	354	0	38323.4	1	2	0.00034571	0.0339	2.6724	LRRGT00066 OS=Rattus norvegicus OX=10116 GN=LOC306079 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: B5DEM5, F1LSW7, Q63507; Additional IDs concatenated into MaxParsimony group: B5DEM5, F1LSW7, Q63507		
A0A0G2K5X1	162	Some	150	0	16789.3	3	11	0.00448727	0.1467	27.88	Lysozyme OS=Rattus norvegicus OX=10116 GN=Lyc2 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: F1M8E9, Q05820, P00697, B2RYD4; Additional IDs concatenated into		

											MaxParsimony group: F1M8E9, Q05820, P00697, B2RYD4		
P04636	76	Unique	338	1	35642.8	1	4	0.00072414	0.0562	11.225	Malate dehydrogenase, mitochondrial OS=Rattus norvegicus OX=10116 GN=Mdh2 PE=1 SV=2		
A0A0G2K9T4	195	All	7384	0	834569.5	2	4	3.31E-05	0.0035	9.2075	Microtubule-actin cross-linking factor 1 OS=Rattus norvegicus OX=10116 GN=Macf1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JWA8, D3ZHV2, A0A0G2JU82, M9MMM9; Additional IDs concatenated into MaxParsimony group: A0A0G2JWA8, D3ZHV2, A0A0G2JU82, M9MMM9		
D3ZXF9	75	Unique	276	1	29404.9	1	4	0.00088681	0.0906	13.3	Mitochondrial ribosomal protein L12 OS=Rattus norvegicus OX=10116 GN=Mrpl12 PE=1 SV=1		
B2GV99	243	Some	152	0	16984.1	3	3	0.0012077	0.25	6.387	Myl6 protein OS=Rattus norvegicus OX=10116 GN=Myl6 PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: Q64119, A0A0G2K6J5, A0A0G2JWE1; Additional IDs concatenated into MaxParsimony group: Q64119, A0A0G2K6J5, A0A0G2JWE1		
F1LNF0	126	Unique	2000	3	228756.7	3	3	9.18E-05	0.005	6.0419	Myosin heavy chain 14 OS=Rattus norvegicus OX=10116 GN=Myh14 PE=1 SV=1		
G3V885	236	Some	1938	0	223224.6	9	25	0.00078935	0.0624	56.497	Myosin-6 OS=Rattus norvegicus OX=10116 GN=Myh6 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: P02563, G3V8B0, P02564, Q29RW1, F1LMU0, A0A0G2K484, F1LRV9, A0A0G2K1V4, P12847, G3V6D8, A0A0G2K0F5, G3V6E1, F1M8F6; Additional		

											IDs concatenated into MaxParsimony group: P02563, G3V8B0, P02564, Q29RW1, F1LMU0, A0A0G2K484, F1LRV9, A0A0G2K1V4, P12847, G3V6D8, A0A0G2K0F5, G3V6E1, F1M8F6		
Q62812	142	Some	1961	2	226179.4	11	27	0.00084249	0.0765	73.468	Myosin-9 OS=Rattus norvegicus OX=10116 GN=Myh9 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: G3V6P7, A0A0G2K6S9, G3V9Y1, Q9JLT0, E9PTU4, Q63862; Additional IDs concatenated into MaxParsimony group: G3V6P7, A0A0G2K6S9, G3V9Y1, Q9JLT0, E9PTU4, Q63862		
A0A0G2KAQ5	288	All	264	0	29753	1	2	0.00046356	0.0417	3.0459	Myozenin 2 OS=Rattus norvegicus OX=10116 GN=Myoz2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZX18; Additional IDs concatenated into MaxParsimony group: D3ZX18		
F1LM84	234	Some	1246	10	136933.7	12	18	0.00088397	0.122	33.625	Nidogen-1 OS=Rattus norvegicus OX=10116 GN=Nid1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P08460; Additional IDs concatenated into MaxParsimony group: P08460		
D3ZQ18	15	Unique	291	1	32965.8	1	7	0.00147193	0.0378	17.332	Non-specific cytotoxic cell receptor protein 1 homolog (zebrafish) OS=Rattus norvegicus OX=10116 GN=Nccrp1 PE=4 SV=1		
P13084	19	Unique	292	1	32521.8	1	2	0.00041911	0.0719	3.8389	Nucleophosmin OS=Rattus norvegicus OX=10116 GN=Npm1 PE=1 SV=1		
P19804	215	All	152	0	17253.9	1	4	0.00161027	0.1118	6.1904	Nucleoside diphosphate kinase B OS=Rattus norvegicus OX=10116 GN=Nme2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q05982; Additional IDs		

											concatenated into MaxParsimony group: Q05982		
A0JPJ7	14	Unique	396	1	44489.2	1	4	0.00061808	0.0379	10.362	Obg-like ATPase 1 OS=Rattus norvegicus OX=10116 GN=Ola1 PE=2 SV=1		
A0A0G2JUP3	264	Some	7496	1	814928.4	2	5	4.08E-05	0.0012	11.485	Obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF OS=Rattus norvegicus OX=10116 GN=Obscn PE=1 SV=1		
A0A0G2K8N1	264	Some	8031	1	874178.8	2	5	3.81E-05	0.0011	11.218	Obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF OS=Rattus norvegicus OX=10116 GN=Obscn PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K3P4; Additional IDs concatenated into MaxParsimony group: A0A0G2K3P4		
P24368	51	Unique	216	1	23769.5	1	2	0.00056657	0.0602	3.2495	Peptidyl-prolyl cis-trans isomerase B OS=Rattus norvegicus OX=10116 GN=Ppib PE=1 SV=3		
A0A0G2K1P0	179	All	167	0	18187	2	8	0.00293126	0.1317	15.373	Peptidyl-prolyl cis-trans isomerase OS=Rattus norvegicus OX=10116 GN=Ppia PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P10111, A0A0G2K2E4; Additional IDs concatenated into MaxParsimony group: P10111, A0A0G2K2E4		
M0R7S5	33	Unique	1395	1	141157.2	1	2	8.77E-05	0.0079	3.9002	Perilipin 4 OS=Rattus norvegicus OX=10116 GN=Plin4 PE=4 SV=2		
D4A5T8	64	Unique	1754	6	204005.1	6	14	0.0004884	0.0359	24.417	Periplakin OS=Rattus norvegicus OX=10116 GN=Ppl PE=1 SV=1		
Q63716	168	All	199	0	22077.3	3	7	0.00215242	0.1457	12.57	Peroxisredoxin-1 OS=Rattus norvegicus OX=10116 GN=Prdx1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K3Z9; Additional IDs concatenated into MaxParsimony group: A0A0G2K3Z9		

Q505J8	119	Unique	508	1	57665.7	1	2	0.00024091	0.0276	4.4801	Phenylalanine--tRNA ligase alpha subunit OS=Rattus norvegicus OX=10116 GN=Farsa PE=1 SV=1		
P16617	157	Some	417	2	44492	4	15	0.00220108	0.1199	32.363	Phosphoglycerate kinase 1 OS=Rattus norvegicus OX=10116 GN=Pgk1 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: Q5XIV1, M0R6Y8; Additional IDs concatenated into MaxParsimony group: Q5XIV1, M0R6Y8		
P25113	101	Unique	254	3	28795.9	3	12	0.00289087	0.1772	37.137	Phosphoglycerate mutase 1 OS=Rattus norvegicus OX=10116 GN=Pgam1 PE=1 SV=4		
D3ZY51	41	Unique	605	4	67156.6	4	13	0.00131483	0.0562	29.684	Plakophilin 1 OS=Rattus norvegicus OX=10116 GN=Pkp1 PE=4 SV=2		
D3ZJ50	5	Unique	822	5	89824.1	5	6	0.00044664	0.0389	10.452	Plakophilin 3 OS=Rattus norvegicus OX=10116 GN=Pkp3 PE=1 SV=1		
Q6AXS5	45	Unique	407	1	44709.3	1	4	0.00060138	0.0393	14.351	Plasminogen activator inhibitor 1 RNA-binding protein OS=Rattus norvegicus OX=10116 GN=Serbp1 PE=1 SV=2		
F1LPK7	152	Some	630	0	70686.1	5	14	0.00135978	0.1063	29.949	Plastin 3 (T-isoform), isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Pls3 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: Q63598, A0A0G2QC04; Additional IDs concatenated into MaxParsimony group: Q63598, A0A0G2QC04		
Q6S3A0	135	Some	4688	0	533479.8	15	34	0.00044378	0.0397	81.296	Plectin OS=Rattus norvegicus OX=10116 GN=Plec PE=1 SV=1		
P30427	135	Some	4687	5	533195.5	18	30	0.00039166	0.0352	58.043	Plectin OS=Rattus norvegicus OX=10116 GN=Plec PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: Q6S3A5, Q6S396, Q6S395, F7F9U6, Q6S3A4, Q6S3A3, Q6S399, A0A0G2K1J5; Additional IDs concatenated into MaxParsimony group: Q6S3A5, Q6S396, Q6S395, F7F9U6, Q6S3A4,		

											Q6S3A3, Q6S399, A0A0G2K1J5		
D3ZWE3	103	Unique	587	2	67599.4	2	5	0.00052121	0.0341	9.578	POF1B, actin-binding protein OS=Rattus norvegicus OX=10116 GN=Pof1b PE=1 SV=2		
G3V9N0	286	All	644	0	70771	1	2	0.00019003	0.0373	4.9612	Polyadenylate-binding protein OS=Rattus norvegicus OX=10116 GN=Pabpc4 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZSR2, Q9EPH8; Additional IDs concatenated into MaxParsimony group: D3ZSR2, Q9EPH8		
Q6P736	205	All	556	0	59310.6	1	2	0.00022011	0.0378	5.7498	Polypyrimidine tract binding protein 1, isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Ptbp1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q00438, A0A0G2JTV1, D3ZB30; Additional IDs concatenated into MaxParsimony group: Q00438, A0A0G2JTV1, D3ZB30		
Q63429	173	Some	810	0	91013	2	7	0.0005288	0.0358	15.18	Polyubiquitin-C OS=Rattus norvegicus OX=10116 GN=Ubc PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: F1LML2, P0CG51, P62982, P62986, contaminant_UBIQUITIN08; Additional IDs concatenated into MaxParsimony group: F1LML2, P0CG51, P62982, P62986, contaminant_UBIQUITIN08		
P48679	136	Some	665	1	74260.7	12	34	0.00312852	0.1774	73.818	Prelamin-A/C OS=Rattus norvegicus OX=10116 GN=Lmna PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: G3V8L3, A0A0G2JTC5, A0A0G2K3R2, Q6P6U3, A0A1B0GWU9;		

											Additional IDs concatenated into MaxParsimony group: G3V8L3, A0A0G2JTC5, A0A0G2K3R2, Q6P6U3, A0A1B0GWU9		
Q9QZA2	249	All	873	0	96552.5	2	5	0.00035046	0.0344	15.261	Programmed cell death 6-interacting protein OS=Rattus norvegicus OX=10116 GN=Pcd6ip PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A140TAA4; Additional IDs concatenated into MaxParsimony group: A0A140TAA4		
Q5XIH7	227	All	299	0	33273.9	1	1	0.00020465	0.0401	2.0648	Prohibitin-2 OS=Rattus norvegicus OX=10116 GN=Phb2 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2KB63; Additional IDs concatenated into MaxParsimony group: A0A0G2KB63		
Q6AYD3	193	Some	394	1	43611.1	2	6	0.00093183	0.0558	9.5414	Proliferation-associated protein 2G4 OS=Rattus norvegicus OX=10116 GN=Pa2g4 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JVS2; Additional IDs concatenated into MaxParsimony group: A0A0G2JVS2		
Q5XIC6	114	Unique	456	1	52884.5	1	3	0.00040257	0.0285	5.7627	Proteasome (Prosome, macropain) 26S subunit, non-ATPase, 12 OS=Rattus norvegicus OX=10116 GN=Psm12 PE=1 SV=1		
A0A0G2JSZ5	280	All	445	0	48711.6	2	3	0.00041252	0.0652	5.8152	Protein disulfide-isomerase A6 OS=Rattus norvegicus OX=10116 GN=Pdia6 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q63081; Additional IDs concatenated into MaxParsimony group: Q63081		
Q6JE36	127	Unique	394	1	42908.9	1	2	0.00031061	0.0406	2.6808	Protein NDRG1 OS=Rattus norvegicus OX=10116 GN=Ndr1 PE=1 SV=1		

Q5XI34	81	Unique	589	1	65262.9	1	3	0.00031166	0.017	6.3585	Protein phosphatase 2 (Formerly 2A), regulatory subunit A (PR 65), alpha isoform, isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Ppp2r1a PE=1 SV=1		
F1LYQ0	176	All	103	0	11788.8	2	10	0.00594079	0.2524	27.245	Protein S100 OS=Rattus norvegicus OX=10116 PE=3 SV=3; Additional IDs concatenated into MaxParsimony group: Q6B345; Additional IDs concatenated into MaxParsimony group: Q6B345		
A0A0G2JVG3	238	Some	489	0	53141.5	5	15	0.001877	0.1309	33.571	Pyruvate kinase OS=Rattus norvegicus OX=10116 GN=Pkm PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P11980, MORD14; Additional IDs concatenated into MaxParsimony group: P11980, MORD14		
P50398	293	Some	447	1	50486.1	2	6	0.00082134	0.085	12.031	Rab GDP dissociation inhibitor alpha OS=Rattus norvegicus OX=10116 GN=Gdi1 PE=1 SV=1		
P50399	293	Some	445	1	50486.7	2	7	0.00096254	0.0921	14.964	Rab GDP dissociation inhibitor beta OS=Rattus norvegicus OX=10116 GN=Gdi2 PE=1 SV=2		
Q5RKJ9	12	Unique	200	1	22508.6	1	5	0.00152975	0.06	14.138	RAB10, member RAS oncogene family OS=Rattus norvegicus OX=10116 GN=Rab10 PE=1 SV=1		
Q3B7V5	228	Some	215	1	24052	2	3	0.00085382	0.0605	3.7232	RAB2B, member RAS oncogene family OS=Rattus norvegicus OX=10116 GN=Rab2b PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P05712, F1LP82; Additional IDs concatenated into MaxParsimony group: P05712, F1LP82		
Q0D2L6	96	Unique	398	1	44060.7	1	1	0.00015374	0.0528	2.0819	Ras-related GTP-binding C OS=Rattus norvegicus OX=10116 GN=Rragc PE=1 SV=1		

O35509	167	Some	218	0	24455.5	3	6	0.00168413	0.1239	9.7761	Ras-related protein Rab-11B OS=Rattus norvegicus OX=10116 GN=Rab11b PE=1 SV=4; Additional IDs concatenated into MaxParsimony group: A0A0G2JZR4, P62494, B5DEP2; Additional IDs concatenated into MaxParsimony group: A0A0G2JZR4, P62494, B5DEP2		
M0RC99	282	All	215	0	23591.8	1	3	0.00085382	0.0605	9.5006	Ras-related protein Rab-5A OS=Rattus norvegicus OX=10116 GN=Rab5a PE=2 SV=1; Additional IDs concatenated into MaxParsimony group: Q6IN17; Additional IDs concatenated into MaxParsimony group: Q6IN17		
P09527	285	All	207	0	23470.8	1	4	0.00118242	0.0676	6.8318	Ras-related protein Rab-7a OS=Rattus norvegicus OX=10116 GN=Rab7a PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2K930; Additional IDs concatenated into MaxParsimony group: A0A0G2K930		
Q6PDV8	263	All	128	0	14731.8	1	2	0.0009561	0.1016	2.9929	RCG31311 OS=Rattus norvegicus OX=10116 GN=LOC100360057 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P47198; Additional IDs concatenated into MaxParsimony group: P47198		
G3V9A3	138	Some	248	2	27711.7	9	45	0.01110304	0.4073	139.98	RCG31390 OS=Rattus norvegicus OX=10116 GN=Sfn PE=3 SV=1		
G3V852	144	Some	2541	7	269486.1	8	15	0.00036122	0.039	36.235	RCG55135, isoform CRA_b OS=Rattus norvegicus OX=10116 GN=Tln1 PE=1 SV=1		
A0A0H2UI38	153	Some	157	0	17340.2	4	11	0.0042872	0.1975	19.628	Ribosomal protein S19-like2 OS=Rattus norvegicus OX=10116 GN=Rps19l2 PE=4 SV=1; Additional IDs concatenated into MaxParsimony group: F1LYF3, F1M8C7, D4A6G6, P17074, D3ZUD7, F1M764, D3ZGN8; Additional		

											IDs concatenated into MaxParsimony group: F1LYF3, F1M8C7, D4A6G6, P17074, D3ZUD7, F1M764, D3ZGN8		
Q91Y81	20	Unique	361	1	41548.3	1	2	0.000339	0.0332	3.478	Septin-2 OS=Rattus norvegicus OX=10116 GN=Sept2 PE=1 SV=1		
A0A0G2JVK2	211	All	332	0	37660.9	1	2	0.00036861	0.0512	4.1359	Serine/threonine-protein phosphatase OS=Rattus norvegicus OX=10116 GN=Ppp1cc PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P62138, P62142, P63088, A0A0G2JYS8; Additional IDs concatenated into MaxParsimony group: P62138, P62142, P63088, A0A0G2JYS8		
A0A0G2JSH5	216	All	608	0	68696.1	1	3	0.00030192	0.0148	5.7603	Serum albumin OS=Rattus norvegicus OX=10116 GN=Alb PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P02770; Additional IDs concatenated into MaxParsimony group: P02770		
Q5EBB0	138	Some	248	2	27880.9	9	35	0.0086357	0.3024	92.855	Similar to 14-3-3 protein sigma OS=Rattus norvegicus OX=10116 GN=LOC298795 PE=2 SV=1		
D3ZTH8	247	Some	156	1	17724.1	2	4	0.00156898	0.1026	8.629	Similar to 60S ribosomal protein L23a OS=Rattus norvegicus OX=10116 GN=LOC689899 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: D3ZTX9, D4AAL7, P62752, F1LT35; Additional IDs concatenated into MaxParsimony group: D3ZTX9, D4AAL7, P62752, F1LT35		
Q498M9	178	Some	335	0	36114.1	2	5	0.00091328	0.0478	8.4717	Similar to glyceraldehyde-3- phosphate dehydrogenase OS=Rattus norvegicus OX=10116 GN=LOC303448 PE=1 SV=1		

M0RBD1	284	All	158	0	18096	1	3	0.00116184	0.057	5.0322	Similar to small nuclear ribonucleoparticle-associated protein OS=Rattus norvegicus OX=10116 GN=RGD1560821 PE=4 SV=2; Additional IDs concatenated into MaxParsimony group: P83732, A0A0H2UH99; Additional IDs concatenated into MaxParsimony group: P83732, A0A0H2UH99		
D3ZB81	203	All	320	0	35186.3	1	3	0.00057366	0.025	5.472	Solute carrier family 25 member 31 OS=Rattus norvegicus OX=10116 GN=Slc25a31 PE=3 SV=3; Additional IDs concatenated into MaxParsimony group: Q05962, Q09073, Q6P9Y4, A0A1W2Q605; Additional IDs concatenated into MaxParsimony group: Q05962, Q09073, Q6P9Y4, A0A1W2Q605		
F1M820	161	Some	1290	0	143260.7	4	7	0.00033204	0.0442	11.138	Sorbin and SH3 domain-containing protein 1 OS=Rattus norvegicus OX=10116 GN=Sorbs1 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: F1M865, F1M8Z8, F1M840, F1M866; Additional IDs concatenated into MaxParsimony group: F1M865, F1M8Z8, F1M840, F1M866		
P16086	233	Some	2472	2	284444.3	12	21	0.00051982	0.0595	43.096	Spectrin alpha chain, non-erythrocytic 1 OS=Rattus norvegicus OX=10116 GN=Sptan1 PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: A0A0G2K1Y8, A0A0G2JZ69, A0A0G2K1E7, Q6IRK8; Additional IDs concatenated into MaxParsimony group: A0A0G2K1Y8, A0A0G2JZ69, A0A0G2K1E7, Q6IRK8		
F1LM47	80	Unique	465	2	50256.1	2	3	0.00039477	0.0301	6.305	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial OS=Rattus norvegicus OX=10116 GN=Sucla2 PE=1 SV=1		

F7FEM5	53	Unique	675	1	69379.9	1	4	0.00036261	0.0207	9.8005	Suprabasin OS=Rattus norvegicus OX=10116 GN=Sbsn PE=1 SV=1		
Q3MIE4	84	Unique	404	1	43073	1	3	0.00045438	0.0396	5.5861	Synaptic vesicle membrane protein VAT-1 homolog OS=Rattus norvegicus OX=10116 GN=Vat1 PE=1 SV=1		
Q5XIM9	49	Unique	535	1	57404.1	1	1	0.00011437	0.0206	2.3227	T-complex protein 1 subunit beta OS=Rattus norvegicus OX=10116 GN=Cct2 PE=1 SV=3		
Q7TPB1	9	Unique	539	2	58044.8	2	4	0.0004541	0.0445	5.196	T-complex protein 1 subunit delta OS=Rattus norvegicus OX=10116 GN=Cct4 PE=1 SV=3		
Q68FQ0	7	Unique	541	3	59480.8	3	10	0.00113106	0.0869	33.329	T-complex protein 1 subunit epsilon OS=Rattus norvegicus OX=10116 GN=Cct5 PE=1 SV=1		
Q6P502	70	Unique	545	2	60590.3	2	4	0.0004491	0.0404	5.2765	T-complex protein 1 subunit gamma OS=Rattus norvegicus OX=10116 GN=Cct3 PE=1 SV=1		
D3ZA84	144	Some	2542	3	271496.3	12	26	0.00062586	0.0712	70.735	Talin 2 OS=Rattus norvegicus OX=10116 GN=Tln2 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: D4A3B0, D3ZE09, D3ZT58; Additional IDs concatenated into MaxParsimony group: D4A3B0, D3ZE09, D3ZT58		
Q5XI21	110	Unique	492	1	54037.2	1	1	0.00012437	0.0264	2.1343	Target of myb1 homolog (Chicken) OS=Rattus norvegicus OX=10116 GN=Tom1 PE=1 SV=1		
F1LN42	117	Unique	1909	2	203765.8	2	2	6.41E-05	0.0047	2.9504	Tensin 1 OS=Rattus norvegicus OX=10116 GN=Tns1 PE=1 SV=2		
P11232	262	All	105	0	11647.6	1	2	0.00116553	0.0857	3.68	Thioredoxin OS=Rattus norvegicus OX=10116 GN=Txn PE=1 SV=2; Additional IDs concatenated into MaxParsimony group: R4GNK3; Additional IDs concatenated into MaxParsimony group: R4GNK3		
Q5XFX0	156	Some	199	3	22361.1	4	8	0.0024599	0.2864	17.657	Transgelin-2 OS=Rattus norvegicus OX=10116 GN=Tagln2 PE=1 SV=1		

P46462	100	Unique	806	5	89274.7	5	8	0.00060735	0.0496	15.517	Transitional endoplasmic reticulum ATPase OS=Rattus norvegicus OX=10116 GN=Vcp PE=1 SV=3		
G3V826	259	All	655	0	71095.3	1	3	0.00028026	0.029	5.3944	Transketolase OS=Rattus norvegicus OX=10116 GN=Tkt PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P50137; Additional IDs concatenated into MaxParsimony group: P50137		
A0A096MIS5	266	All	697	0	79721.2	1	4	0.00035116	0.0215	6.8015	Transmembrane protein 168 OS=Rattus norvegicus OX=10116 GN=Tmem168 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q5PQM0; Additional IDs concatenated into MaxParsimony group: Q5PQM0		
Q60587	290	Some	475	1	51363.5	2	3	0.00038646	0.0189	4.8073	Trifunctional enzyme subunit beta, mitochondrial OS=Rattus norvegicus OX=10116 GN=Hadhb PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K330; Additional IDs concatenated into MaxParsimony group: A0A0G2K330		
A0A0G2JWU1	158	Some	253	0	27379	4	16	0.00386973	0.2885	39.222	Triosephosphate isomerase OS=Rattus norvegicus OX=10116 PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: P48500, A0A0G2JWJ4; Additional IDs concatenated into MaxParsimony group: P48500, A0A0G2JWJ4		
A0A0G2K659	182	All	621	0	69307.3	2	7	0.00068974	0.0322	19.983	Tripartite motif protein 29 (Predicted), isoform CRA_a OS=Rattus norvegicus OX=10116 GN=Trim29 PE=4 SV=1; Additional IDs concatenated into MaxParsimony group: D4ABW9; Additional IDs concatenated into MaxParsimony group: D4ABW9		
D3ZW47	94	Unique	557	1	62927.7	1	2	0.00021971	0.0395	4.852	Tripartite motif-containing 16 OS=Rattus norvegicus OX=10116 GN=Trim16 PE=4 SV=1		

Q64560	107	Unique	1249	1	138187.5	1	2	9.80E-05	0.0216	7.0091	Tripeptidyl-peptidase 2 OS=Rattus norvegicus OX=10116 GN=Tpp2 PE=2 SV=3		
P09495	199	Some	248	1	28474.5	2	5	0.00123367	0.0524	13.275	Tropomyosin alpha-4 chain OS=Rattus norvegicus OX=10116 GN=Tpm4 PE=1 SV=3; Additional IDs concatenated into MaxParsimony group: A0A0G2K7F7, Q91XN6, A0A140TAF0, A0A0G2JX64, Q63607, Q923Z2, P58775, P04692, Q63610, A0A0G2JSQ4, A0A0G2K2G8; Additional IDs concatenated into MaxParsimony group: A0A0G2K7F7, Q91XN6, A0A140TAF0, A0A0G2JX64, Q63607, Q923Z2, P58775, P04692, Q63610, A0A0G2JSQ4, A0A0G2K2G8		
P68370	141	Some	451	1	50085.6	9	21	0.00284921	0.2306	42.699	Tubulin alpha-1A chain OS=Rattus norvegicus OX=10116 GN=Tuba1a PE=1 SV=1		
Q6P9V9	141	Some	451	0	50101.6	9	25	0.00339191	0.2616	53.895	Tubulin alpha-1B chain OS=Rattus norvegicus OX=10116 GN=Tuba1b PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: Q6AYZ1, A0A0H2UHM7, Q68FR8, Q6AY56, F1LUM5; Additional IDs concatenated into MaxParsimony group: Q6AYZ1, A0A0H2UHM7, Q68FR8, Q6AY56, F1LUM5		
Q5XIF6	141	Some	448	2	49874.4	9	27	0.0036878	0.2634	54.918	Tubulin alpha-4A chain OS=Rattus norvegicus OX=10116 GN=Tuba4a PE=1 SV=1		
Q3KRE8	137	Some	445	1	49902.9	11	41	0.00563774	0.3124	99.297	Tubulin beta-2B chain OS=Rattus norvegicus OX=10116 GN=Tubb2b PE=1 SV=1		

Q6P9T8	137	Some	445	3	49751	13	43	0.00591275	0.3124	99.572	Tubulin beta-4B chain OS=Rattus norvegicus OX=10116 GN=Tubb4b PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: G3V7C6, P85108, Q4QRB4, B4F7C2, Q4QQV0, M0R8B6; Additional IDs concatenated into MaxParsimony group: G3V7C6, P85108, Q4QRB4, B4F7C2, Q4QQV0, M0R8B6		
P69897	137	Some	444	1	49621	8	32	0.0044101	0.2185	78.165	Tubulin beta-5 chain OS=Rattus norvegicus OX=10116 GN=Tubb5 PE=1 SV=1		
Q5PPN5	118	Unique	176	1	18949.7	1	3	0.00104301	0.0511	4.9264	Tubulin polymerization- promoting protein family member 3 OS=Rattus norvegicus OX=10116 GN=Tppp3 PE=2 SV=1		
D3ZVQ0	22	Unique	858	1	95700.3	1	4	0.00028527	0.014	8.8235	Ubiquitin carboxyl-terminal hydrolase OS=Rattus norvegicus OX=10116 GN=Usp5 PE=1 SV=1		
B2RYG6	86	Unique	271	1	31232.4	1	4	0.00090317	0.0554	8.1867	Ubiquitin thioesterase OTUB1 OS=Rattus norvegicus OX=10116 GN=Otub1 PE=1 SV=1		
D3Z874	123	Unique	440	1	47437.5	1	2	0.00027814	0.0205	3.2322	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=1 SV=1		
D4A8Y1	65	Unique	655	4	70934	4	10	0.0009342	0.0794	23.197	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=1 SV=1		
F1LTJ5	61	Unique	2449	26	262929.5	26	84	0.0020988	0.1168	202.98	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=1 SV=3		
F1M4I1	104	Unique	545	3	61062.6	3	8	0.0008982	0.0954	25.885	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=1 SV=3		
D3ZZN4	253	All	110	0	12596.8	1	2	0.00111255	0.1091	5.2132	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: F1M0T2, P04646, A0A096P6M4; Additional IDs concatenated into MaxParsimony group: F1M0T2, P04646, A0A096P6M4		

D4A6W6	248	All	257	0	28121.3	2	7	0.00166666	0.07	13.493	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=3 SV=1; Additional IDs concatenated into MaxParsimony group: P62919; Additional IDs concatenated into MaxParsimony group: P62919		
F1LTW8	261	All	143	0	15792.7	1	3	0.00128371	0.0559	5.6641	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=3 SV=2; Additional IDs concatenated into MaxParsimony group: P62268, D4A9Q3; Additional IDs concatenated into MaxParsimony group: P62268, D4A9Q3		
D3ZHU9	197	All	136	0	15621.3	1	5	0.00224964	0.0735	13.923	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=3 SV=3; Additional IDs concatenated into MaxParsimony group: D3ZFA8, F1M5B1, D3ZKG6, P04644, A0A0H2UHQ8; Additional IDs concatenated into MaxParsimony group: D3ZFA8, F1M5B1, D3ZKG6, P04644, A0A0H2UHQ8		
A0A0G2K3L5	294	All	115	0	12811.3	1	2	0.00106418	0.1391	4.8551	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=4 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2JXF0; Additional IDs concatenated into MaxParsimony group: A0A0G2JXF0		
D3ZEI0	163	Some	144	0	16523.9	3	6	0.00254959	0.2222	11.866	Uncharacterized protein OS=Rattus norvegicus OX=10116 PE=4 SV=2; Additional IDs concatenated into MaxParsimony group: D3ZJD3, Q642E2, P17702; Additional IDs concatenated into MaxParsimony group: D3ZJD3, Q642E2, P17702		
P85972	275	Some	1066	1	116524.3	6	16	0.00091843	0.0863	34.833	Vinculin OS=Rattus norvegicus OX=10116 GN=Vcl PE=1 SV=1; Additional IDs concatenated into MaxParsimony group: A0A0G2K8V2, R9PXU6; Additional IDs concatenated into		

											MaxParsimony group: A0A0G2K8V2, R9PXU6		
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