Index	Protein accession n	Protein name	Theoretical mass	Delta mass (ppm)	Expected score	Peptide sequence	Variable modification	Variable modification position
1	IPI00116074	Aconitate hydratase, mitochondrial precursor	1047.6077	4.295501074	0.0016	AIITKSFAR	Acetyl (K)	0.000010000.0
2	IPI00116074	Aconitate hydratase, mitochondrial precursor	1530.8405	5.879123266	0.0011	YDLLEKNINIVR	Acetyl (K)	0.000001000000.0
3	IPI00116074	Aconitate hydratase, mitochondrial precursor	1541.7725	8.107551536	0.016	FKLEAPDADELPR	Acetyl (K)	0.01000000000000.0
4	IPI00116074	Aconitate hydratase, mitochondrial precursor	1900.9254	4.787142094	0.089	CTTDHISAAGPWLKFR	Acetyl (K)	0.000000000000100.0
5	IPI00117978	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial precursor	1324.5724	4.756251904	0.063	WDYDKNEWK	Acetyl (K)	0.000010000.0
6	IPI00117978	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial precursor	2154.0018	5.10677382	3.60E-06	AHGSVVKSEDYAFPTYADR	Acetyl (K)	0.000000100000000000.0
7	IPI00117978	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial precursor	2310.1029	5.1945738	1.90E-05	AHGSVVKSEDYAFPTYADRR	Acetyl (K)	0.000000100000000000.0
8	IPI00315794	Cytochrome b5 type B precursor	1800.9046	3.553769589	0.089	QYYIGDVHPSDLKPK	Acetyl (K)	0.000000000000100.0
9	IPI00315794	Cytochrome b5 type B precursor	2318.1616	1.854918139	0.047	EMLKQYYIGDVHPSDLKPK	Acetyl (K); Oxidation (M)	0.020100000000000000.0
10	IPI00315794	Cytochrome b5 type B precursor	2442.1187	0.573272708	0.1	ATPEASGSGEKVEGSEPSVTYYR	Acetyl (K)	0.000000000010000000000.0
11	IPI00121440	Electron transfer flavoprotein subunit beta	912.5644	1.205394381	0.033	VLAKLAEK	Acetyl (K)	0.00010000.0
12	IPI00121440	Electron transfer flavoprotein subunit beta	1169.7019	1.709837353	0.021	VLAKLAEKEK	Acetyl (K)	0.0001000000.0
13	IPI00121440	Electron transfer flavoprotein subunit beta	1643.9498	5.231303292	0.00019	LAEKEKVDLLFLGK	Acetyl (K)	0.000001000000.0
14	IPI00122549	Isoform PI-VDAC1 of Voltage-dependent anion-selective channel protein 1	1849.0057	3.299070414	0.013	LTLSALLDGKNVNAGGHK	Acetyl (K)	0.000000000100000000.0
15	IPI00122549	Isoform PI-VDAC1 of Voltage-dependent anion-selective channel protein 1	2028.9615	3.302181929	4.20E-05	FGIAAKYQVDPDACFSAK	Acetyl (K)	0.000001000000000000.0
16	IPI00118986	ATP synthase O subunit, mitochondrial precursor	1297.6224	0.847704232	0.021	IGEKYVDMSAK	Acetyl (K); Oxidation (M)	0.00010002000.0
17	IPI00118986	ATP synthase O subunit, mitochondrial precursor	1386.8082	0.432648148	0.026	TVKVKSLNDITK	Acetyl (K)	0.000010000000.0
18	IPI00118986	ATP synthase O subunit, mitochondrial precursor	1386.8082	3.605401237	0.1	TVKVKSLNDITK	Acetyl (K)	0.001000000000.0
19	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	931.5491	1.824917227	0.0096	LFVDKIR	Acetyl (K)	0.0000100.0
20	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1103.5499	5.074532651	0.063	FEVIDKPQS	Acetyl (K)	0.000001000.0
21	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1351.75	3.624930645	0.044	LFVDKIREYK	Acetyl (K)	0.0000100000.0
22	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1471.7922	3.465163085	0.0021	ELDPVQKLFVDK	Acetyl (K)	0.000000100000.0
23	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1705.8199	1.641439404	0.0023	FDDPKFEVIDKPQS	Acetyl (K)	0.000000000001000.0
24	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1705.8199	-9.145162394	0.026	FDDPKFEVIDKPQS	Acetyl (K)	0.000010000000.0
25	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1747.8305	4.977599372	0.012	FDDPKFEVIDKPQS	2 Acetyl (K)	0.000010000001000.0
26	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1815.8026	5.231846237	0.026	GEMDTFPTFKFDDPK	Acetyl (K)	0.000000000100000.0
27	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1831.7975	3.275471224	0.0038	GEMDTFPTFKFDDPK	Acetyl (K); Oxidation (M)	0.002000000100000.0
28	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	1852.8012	2.320810241	1.00E-05	QMYGKGEMDTFPTFK	Acetyl (K); 2 Oxidation (M)	0.020010020000000.0
29	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	2859.3313	12.87014205	0.023	GEMDTFPTFKFDDPKFEVIDKPQS	Acetyl (K)	0.000000000000010000000000.0
30	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	2859.3313	6.050365692	0.037	GEMDTFPTFKFDDPKFEVIDKPQS	Acetyl (K)	0.000000000100000000000000.0
31	IPI00125460	ATP synthase coupling factor 6, mitochondrial precursor	2875.3262	6.294937945	0.07	GEMDTFPTFKFDDPKFEVIDKPQS	Acetyl (K); Oxidation (M)	0.002000000000010000000.0
32	IPI00120076	Creatine kinase, sarcomeric mitochondrial precursor	1160.6553	4.652544127	0.042	FSKILENLR	Acetyl (K)	0.001000000.0
33	IPI00120076, IPI001	Creatine kinase, sarcomeric mitochondrial precursor	1266.5948	1.579036958	0.0062	VISMEKGGNMK	Acetyl (K); 2 Oxidation (M)	0.00020100020.0
34	IPI00127596	Creatine kinase M-type	909.496	2.089069111	0.069	GKYYPLK	Acetyl (K)	0.0100000.0
35	IPI00127596	Creatine kinase M-type	947.5327	1.688596077	0.027	IEEIFKK	Acetyl (K)	0.0000010.0
36	IPI00127596	Creatine kinase M-type	1043.5036	1.820789119	0.0023	HGGYKPTDK	Acetyl (K)	0.000010000.0
37	IPI00127596	Creatine kinase M-type	1048.6029	3.051679525	0.07	LANLSKHPK	Acetyl (K)	0.000001000.0
38	IPI00127596	Creatine kinase M-type	1080.5195	-2.683894182	0.085	LMVEMEKK	Acetyl (K); 2 Oxidation (M)	0.02002010.0
39	IPI00127596	Creatine kinase M-type	1230.6145	3.494189285	0.0075	PFGNTHNKFK	Acetyl (K)	0.0000000100.0
40	IPI00127596	Creatine kinase M-type	1263.7299	2.848709997	0.00018	GGVHVKLANLSK	Acetyl (K)	0.000001000000.0
41	IPI00127596	Creatine kinase M-type	1310.6983	2.594037087	0.0071	HPKFEEILTR	Acetyl (K)	0.0010000000.0
42	IPI00127596	Creatine kinase M-type	1372.7714	3.933648385	0.0016	VLTPDLYNKLR	Acetyl (K)	0.000000000100.0
43	IPI00127596	Creatine kinase M-type	1651.8643	5.266776454	5.50E-06	FCVGLQKIEEIFK	Acetyl (K)	0.0000001000000.0
44	IPI00127596	Creatine kinase M-type	1733.9199	10.32342959	5.30E-05	LSVEALNSLTGEFKGK	Acetyl (K)	0.000000000000100.0
45	IPI00127596	Creatine kinase M-type	1764.857	2.719767097	0.0043	LNYKPQEEYPDLSK	Acetyl (K)	0.00010000000000.0
46	IPI00127596	Creatine kinase M-type	1779.9593	-6.797908244	0.00085	FCVGLQKIEEIFKK	Acetyl (K)	0.0000001000000.0
47	IPI00127596	Creatine kinase M-type	1951.9574	3.944758221	0.079	HNNHMAKVLTPDLYNK	Acetyl (K); Oxidation (M)	0.0000201000000000.0
48	IPI00127596	Creatine kinase M-type	1976.0466	8.957278639	4.90E-07	AVEKLSVEALNSLTGEFK	Acetyl (K)	0.000100000000000000.0
49	IPI00127596	Creatine kinase M-type	2040.0204	1.813707353	0.00046	FKLNYKPQEEYPDLSK	Acetyl (K)	0.000001000000000.0
50	IPI00127596	Creatine kinase M-type	2040.0204	4.950930883	0.0024	FKLNYKPQEEYPDLSK	Acetyl (K)	0.010000000000000.0
51	IPI00127596	Creatine kinase M-type	2398.2784	10.17396479	0.00033	LSVEALNSLTGEFKGKYYPLK	Acetyl (K)	0.000000000000000100000.0
52	IPI00127596	Creatine kinase M-type	2613.2307	1.913340449	0.001	TDLNHENLKGGDDLDPNYVLSSR	Acetyl (K)	0.000000001000000000000000.0
53	IPI00127596	Creatine kinase M-type	2878.3845	7.851626494	4.00E-05	HKTDLNHENLKGGDDLDPNYVLSSR	Acetyl (K)	0.000000000010000000000000.0
54	IPI00127596	Creatine kinase M-type	3685.812	-2.631713175	0.074	SMTEQEQQQLIDDHFLFDKPVSPLLLASGMAR	Acetyl (K)	0.000000000000000000100000000000.0
55	IPI00127596, IPI001	Creatine kinase M-type	3701.8069	3.133604835	0.0099	SMTEQEQQQLIDDHFLFDKPVSPLLLASGMAR	Acetyl (K); Oxidation (M)	0.000000000000000000100000000200.0
56	IPI00127596	Creatine kinase M-type	3717.8018	12.45359556	0.00026	SMTEQEQQQLIDDHFLFDKPVSPLLLASGMAR	Acetyl (K); 2 Oxidation (M)	0.020000000000000000100000000200.0
57	IPI00127625	Hydroxymethylglutaryl-CoA lyase, mitochondrial precursor	1665.8937	0.840389756	9.40E-05	DGLQNEKSIVPTPVK	Acetyl (K)	0.000000100000000.0
58	IPI00127625	Hydroxymethylglutaryl-CoA lyase, mitochondrial precursor	1935.0789	1.085227067	1.50E-05	DGLQNEKSIVPTPVKIR	Acetyl (K)	0.000000100000000000.0
59	IPI00130804	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial precursor	836.4644	5.977540706	0.044	SITFSKL	Acetyl (K)	0.0000010.0
60	IPI00134809	Dihydrolipoyllysine-residue succinyltransferase component of 2- oxoglutarate	899.4865	2.445839932	0.091	HKDAFLK	Acetyl (K)	0.0100000.0
61	IPI00134809	Dihydrolipoyllysine-residue succinyltransferase component of 2- oxoglutarate	1027.5814	1.654370155	0.07	HKDAFLKK	Acetyl (K)	0.00000010.0
62	IPI00134809	Dihydrolipoyllysine-residue succinyltransferase component of 2- oxoglutarate	1532.8173	0.717632819	0.0051	HNLKLGFMSAFVK	Acetyl (K)	0.000100000000.0
63	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	932.5695	4.503685784	0.012	VLKYAGLK	Acetyl (K)	0.00100000.0
64	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	960.528	0.624656439	0.022	VDFSKVPK	Acetyl (K)	0.00001000.0
65	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	1060.6644	1.508488453	0.0023	VLKYAGLKK	Acetyl (K)	0.001000000.0
66	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	1700.9349	3.174724676	1.80E-07	GATPYGGVKLEDLIVK	Acetyl (K)	0.000000010000000.0
67	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	1831.9316	6.332114147	0.0024	GKPDVVVKEDEEYKR	Acetyl (K)	0.000000010000000.0
68	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	2204.1365	4.083231687	6.80E-05	EAWDAGKFASEITPITISVK	Acetyl (K)	0.000000100000000000.0
69	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	2408.0736	-0.539850609	0.042	DGLTDVYNKIHMGNCAENTAK	Acetyl (K); Oxidation (M)	0.000000000100200000000.0
70	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	2419.2635	5.084191945	6.50E-07	SKEAWDAGKFASEITPITISVK	Acetyl (K)	0.000000001000000000000.0
71	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	2706.4116	8.091895556	0.0077	GATPYGGVKLEDLIVKDGLTDVYNK	Acetyl (K)	0.000000001000000000000000.0
72	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	2914.4494	9.847486115	0.011	AGIPKEEVKEVYMGNVIQGGEGQAPTR	Acetyl (K); Oxidation (M)	0.000010000002000000000000.0
73	IPI00154054	Acetyl-CoA acetyltransferase, mitochondrial precursor	3605.7995	7.40473784	0.0017	TVFQKENGTITAANASTLNDGAAALVLMTAEAAQ	Acetyl (K); Oxidation (M)	0.000010000000000000000000020000000.0
74	IPI00221402, IPI001	Fructose-bisphosphate aldolase A	1106.5145	3.524581015	0.017	DGADFAKWR	Acetyl (K)	0.000000100.0
75	IPI00221402, IPI001	Fructose-bisphosphate aldolase A	1529.8049	9.60906845	0.00012	GILAADESTGSIAKR	Acetyl (K)	0.000000000000010.0
76	IPI00221402	Fructose-bisphosphate aldolase A	1109.5829	0.540743734	0.026	KELSDIAHR	Acetyl (K)	0.100000000.0
77	IPI00221402, IPI006	Fructose-bisphosphate aldolase A	1148.5825	-0.261191512	0.0086	AAQEEYIKR	Acetyl (K)	0.000000010.0
78	IPI00221402, IPI006	Fructose-bisphosphate aldolase A	1849.9549	8.270471891	0.029	CPLLKPWALTFSYGR	Acetyl (K)	0.000010000000000.0
79	IPI00221402	Fructose-bisphosphate aldolase A	2648.3778	6.645577531	0.0029	CVLKIGEHTPSALAIMENANVLAR	Acetyl (K)	0.000100000000000000000000.0
80	IPI00223092	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/e	981.4841	4.483006908	0.00099	MFEKLEK	Acetyl (K); Oxidation (M)	0.2001000.0
81	IPI00223092	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/e	1402.7205	6.701263723	0.00087	GQQQVFKGLNDK	Acetyl (K)	0.000000100000.0
82	IPI00223092	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/e	2115.0524	3.687851894	0.014	DSIFSNLIGQLDYKGFEK	Acetyl (K)	0.000000000000010000.0
83	IPI00223092	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/e	2624.2969	7.163823575	0.00054	AGLEQGSDAGYLAESQKFGELALTK	Acetyl (K)	0.000000000000000100000000.0
84	IPI00133903	Stress-70 protein, mitochondrial precursor	887.4964	1.014088621	0.002	LKEEISK	Acetyl (K)	0.0100000.0
85	IPI00133903	Stress-70 protein, mitochondrial precursor	1097.6345	2.095415186	0.037	HIVKEFKR	Acetyl (K)	0.00010000.0
86	IPI00133903	Stress-70 protein, mitochondrial precursor	1265.5524	2.133455715	0.00052	NAEKYAEEDR	Acetyl (K)	0.0001000000.0
87	IPI00133903	Stress-70 protein, mitochondrial precursor	1378.6252	-1.885936801	0.0032	YDDPEVQKDTK	Acetyl (K)	0.000000001000.0
88	IPI00133903	Stress-70 protein, mitochondrial precursor	1421.6535	4.642481449	0.048	NAEKYAEEDRR	Acetyl (K)	0.000100000000.0
89	IPI00133903	Stress-70 protein, mitochondrial precursor	1530.8406	0.065323588	3.60E-06	AQFEGIVTDLIKR	Acetyl (K)	0.000000000010.0
90	IPI00133903	Stress-70 protein, mitochondrial precursor	1534.7263	2.866960708	0.0072	RYDDPEVQKDTK	Acetyl (K)	0.000000001000.0
91	IPI00133903	Stress-70 protein, mitochondrial precursor	1711.9217	2.21972769	1.90E-06	QATKDAGQISGLNVLR	Acetyl (K)	0.000100000000000.0
92	IPI00133903	Stress-70 protein, mitochondrial precursor	1747.841	1.087055401	0.00017	ETGVDLTKDNMALQR	Acetyl (K); Oxidation (M)	0.000000010020000.0
93	IPI00133903	Stress-70 protein, mitochondrial precursor	1963.9527	-0.611012679	0.0085	YDDPEVQKDTKNVPFK	Acetyl (K)	0.000000000100000.0
94	IPI00133903	Stress-70 protein, mitochondrial precursor	2933.4382	11.48822566	0.051	ASNGDAWVEAHGKLYSPSQIGAFVLMK	Acetyl (K); Oxidation (M)	0.000000000001000000000020.0
95	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	978.5022	1.532955164	0.017	EGFEKISK	Acetyl (K)	0.00001000.0
96	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	982.6175	1.831841993	0.00041	IGIEIIKR	Acetyl (K)	0.00000010.0
97	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1049.5393	1.619758307	0.051	SIAKEGFEK	Acetyl (K)	0.000100000.0
98	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1150.6234	4.258561055	0.0044	SIDLKDKYK	Acetyl (K)	0.000010000.0
99	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1150.6234	1.825097595	0.031	SIDLKDKYK	Acetyl (K)	0.000000100.0
100	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1254.7547	3.187874092	0.0083	LAKLSDGVAVLK	Acetyl (K)	0.001000000000.0
101	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1377.7503	1.306477669	3.90E-05	SIAKEGFEKISK	Acetyl (K)	0.000000001000.0
102	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1613.9062	13.19779303	0.00026	GVMLAVDAVIAELKK	Acetyl (K); Oxidation (M)	0.002000000000010.0
103	IPI00308885, IPI003	60 kDa heat shock protein, mitochondrial precursor	1673.822	5.01845477	0.00049	VGGTSDVEVNEKKDR	Acetyl (K)	0.000000000000100.0
104	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1687.9066	5.569028523	0.0097	VGEVIVTKDDAMLLK	Acetyl (K); Oxidation (M)	0.000000010002000.0
105	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1839.9036	-3.043637721	5.70E-05	CIPALDSLKPANEDQK	Acetyl (K)	0.000000010000000.0
106	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	1979.951	6.313287551	0.027	TLNDELEIIEGMKFDR	Acetyl (K); Oxidation (M)	0.000000000021000.0
107	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	2406.337	6.565996367	0.0065	KPLVIIAEDVDGEALSTLVLNR	Acetyl (K)	0.100000000000000000000.0
108	IPI00308885	60 kDa heat shock protein, mitochondrial precursor	2850.4134	5.332559831	0.0056	IQEITEQLDITTSEYEKEKLNER	Acetyl (K)	0.000000000000000000010000.0
109	IPI00323592	Malate dehydrogenase, mitochondrial precursor	1124.5172	1.333905786	0.0062	GEDFVKNMK	Acetyl (K); Oxidation (M)	0.000001020.0
110	IPI00323592	Malate dehydrogenase, mitochondrial precursor	1252.6122	2.155495532	0.0091	KGEDFVKNMK	Acetyl (K); Oxidation (M)	0.0000001020.0
111	IPI00323592	Malate dehydrogenase, mitochondrial precursor	1262.687	4.989359992	0.056	ASIKKGEDFVK	Acetyl (K)	0.00001000000.0
112	IPI00323592	Malate dehydrogenase, mitochondrial precursor	1486.8031	5.111638522	0.09	NLGIGKITPFEEK	Acetyl (K)	0.000010000000.0
113	IPI00323592	Malate dehydrogenase, mitochondrial precursor	1642.8678	1.826075111	0.0028	ANTFVAELKGLDPAR	Acetyl (K)	0.000000001000000.0
114	IPI00323592	Malate dehydrogenase, mitochondrial precursor	2000.054	7.799789406	0.0062	ITPFEEKMIAEAIPELK	Acetyl (K)	0.000000100000000.0
115	IPI00323592	Malate dehydrogenase, mitochondrial precursor	2016.0489	2.876914345	0.021	ITPFEEKMIAEAIPELK	Acetyl (K); Oxidation (M)	0.000000120000000.0
116	IPI00330523	Propionyl-CoA carboxylase alpha chain, mitochondrial precursor	1231.6924	7.631775596	0.017	TFDKILIANR	Acetyl (K)	0.0001000000.0
117	IPI00466128	Alcohol dehydrogenase	1498.6728	3.336285279	0.0081	YDSTHYKETWK	Acetyl (K)	0.000000010000.0
118	IPI00466128	Alcohol dehydrogenase	1528.727	1.373691967	8.10E-05	GDNPFPKNADGTVR	Acetyl (K)	0.000000100000000.0
119	IPI00466128	Alcohol dehydrogenase	1897.9972	5.057963205	0.016	MPLIGLGTWKSEPGQVK	Acetyl (K); Oxidation (M)	0.200000000100000000.0
120	IPI00230034	D-dopachrome decarboxylase	1504.8078	-0.465175686	0.039	FFPLEAWQIGKK	Acetyl (K)	0.000000000010.0
121	IPI00230034	D-dopachrome decarboxylase	1714.856	1.632790158	4.40E-06	LCAATATILDKPEDR	Acetyl (K)	0.000000000100000.0
122	IPI00312058	Catalase	1131.6288	2.651045997	0.049	DAQLFIQKK	Acetyl (K)	0.000000010.0
123	IPI00312058	Catalase	1569.7675	2.802962859	0.0026	TFYTKVLNEEER	Acetyl (K)	0.000010000000.0
124	IPI00312058	Catalase	1671.9195	0.478491937	0.0076	IQALLDKYNAEKPK	Acetyl (K)	0.000001000000.0
125	IPI00453724	Glycine cleavage system H protein, mitochondrial precursor	2764.2346	-0.940585868	0.0079	MTLSDPSELDELMSEEAYEKYVK	Acetyl (K); Oxidation (M)	0.000000000002000000100.0
126	IPI00453724	Glycine cleavage system H protein, mitochondrial precursor	2764.2346	-0.325587416	0.014	MTLSDPSELDELMSEEAYEKYVK	Acetyl (K); Oxidation (M)	0.200000000000000000100.0
127	IPI00453724	Glycine cleavage system H protein, mitochondrial precursor	2780.2296	3.309079221	0.00067	MTLSDPSELDELMSEEAYEKYVK	Acetyl (K); 2 Oxidation (M)	0.200000000002000000100.0

128	IPI00126805	DnaJ homolog subfamily C member 12	1232.6765	-0.081124285	0.019 AVETFQKLQK	Acetyl (K)	0.0000001000.0
129	IPI00459326, IPI00	Hypothetical protein (Fragment)	1472.7722	1.493781591	1.50E-05 SVEAAAELSAKDLK	Acetyl (K)	0.00000000001000.0
130	IPI00177059	Nuclear pore complex-associated intranuclear coiled-coil protein TPR	2786.4232	-7.177660594	2.10E-05 NQKLTATTQKQEQIINTMTQDLR	2 Acetyl (K)	0.0010000001000000000000.0
131	IPI00177059	Nuclear pore complex-associated intranuclear coiled-coil protein TPR	2802.4181	4.99568569	0.00028 NQKLTATTQKQEQIINTMTQDLR	2 Acetyl (K); Oxidation (M)	0.0010000001000000200000.0
132	IPI00108189	Histidine triad nucleotide-binding protein 1	1486.7667	0.470820338	0.00014 EIPAKIIFEDDR	Acetyl (K)	0.0000100000000.0
133	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1069.6131	2.617768986	0.019 GELLEAIKR	Acetyl (K)	0.000000010.0
134	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1145.5393	1.920492819	0.013 DFGSFEKFK	Acetyl (K)	0.000000100.0
135	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1301.6404	4.763220318	0.011 RDFGSFEKFK	Acetyl (K)	0.0000000100.0
136	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1402.6769	2.067475411	0.015 DFGSFEKFKEK	Acetyl (K)	0.0000010000.0
137	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1438.7667	8.548988519	0.00022 GGGEPKGELLEAIK	Acetyl (K)	0.0000010000000.0
138	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1444.6874	6.437378771	0.0048 DFGSFEKFKEK	2 Acetyl (K)	0.000000010100.0
139	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1594.8678	5.392296465	4.80E-05 GGGEPKGELLEAIKR	Acetyl (K)	0.0000010000000.0
140	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	1636.8784	7.819762299	8.00E-05 GGGEPKGELLEAIKR	2 Acetyl (K)	0.0000010000000010.0
141	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	2564.2407	0.311983193	5.70E-07 HHAAVVNNLNATEEKYHEALAK	Acetyl (K)	0.0000000000000010000000.0
142	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	2574.2979	3.379562249	0.044 LTAVSVGVQGSGWGWLGFNKEQGR	Acetyl (K)	0.0000000000000000000010000.0
143	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	2770.4191	9.962391611	0.0046 NVRPDYLKAIWNVINWENVTER	Acetyl (K)	0.0000001000000000000000.0
144	IPI00109109	Superoxide dismutase [Mn], mitochondrial precursor	2873.446	4.419780292	0.12 EKLTAVSVGVQGSGWGWLGFNKEQGR	2 Acetyl (K)	0.0100000000000000000000010000.0
145	IPI00109167	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor	1513.7875	13.21189401	0.0031 DIEEIIDELKAGK	Acetyl (K)	0.0000000001000.0
146	IPI00109167	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor	2438.0662	-1.804708994	2.50E-06 DTPENNPDTPFDFTPENYKR	Acetyl (K)	0.0000000000000000010.0
147	IPI00109311	Ezrin-radixin-moesin-binding phosphoprotein 50	1751.9345	1.141595191	0.018 LLVVDKETDEFFKK	Acetyl (K)	0.0000010000000.0
148	IPI00109311	Ezrin-radixin-moesin-binding phosphoprotein 50	1751.9345	5.707975955	0.028 LLVVDKETDEFFKK	Acetyl (K)	0.0000000000010.0
149	IPI00109368	Calmodulin-like 3	1765.8635	-11.43916277	0.076 VFDKDGNGFVSAAELR	Acetyl (K)	0.0001000000000000.0
150	IPI00110658, IPI00	13 days embryo liver cDNA, RIKEN full-length enriched library, clone:251004(	1612.8824	3.720048033	0.0063 FLASVSTVLTSKYR	Acetyl (K)	0.0000000000100.0
151	IPI00110672	Mitochondrial 28S ribosomal protein S28	1403.6793	5.841790215	0.11 RPDVDGEKYQR	Acetyl (K)	0.0000001000.0
152	IPI00110684	Inorganic pyrophosphatase	1489.7565	5.974130672	0.063 STHDYWKALVTK	Acetyl (K)	0.0000010000.0
153	IPI00110827, IPI001	Actin, alpha skeletal muscle	1395.6266	2.866096132	0.0013 DSYVGDEAQSKR	Acetyl (K)	0.0000000000010.0
154	IPI00110827, IPI001	Actin, alpha skeletal muscle	1605.8106	4.85735989	0.002 MQKEITALAPSTMK	Acetyl (K); Oxidation (M)	0.0010000000020.0
155	IPI00110827, IPI001	Actin, alpha skeletal muscle	1667.844	12.05148683	0.0044 DLTDYLMKILTER	Acetyl (K); Oxidation (M)	0.0000002100000.0
156	IPI00110827, IPI001	Actin, alpha skeletal muscle	2424.0686	2.268912687	2.10E-06 HQGVMVGMGQKDSYVGDEAQSK	Acetyl (K); 2 Oxidation (M)	0.0000200200100000000000.0
157	IPI00110827, IPI001	Actin, alpha skeletal muscle	2580.1697	2.751756987	0.0014 HQGVMVGMGQKDSYVGDEAQSKR	Acetyl (K); 2 Oxidation (M)	0.0000200200100000000000.0
158	IPI00110843	Agmatine ureohydrolase	2649.3259	4.491708627	0.011 EHGPVGLVHVGAHTNTTDKPREEK	Acetyl (K)	0.0000000000000000000100000.0
159	IPI00111032	Serine/threonine-protein kinase MAK	798.4963	1.252353956	0.0086 LKEVIR	Acetyl (K)	0.010000.0
160	IPI00111218	Aldehyde dehydrogenase, mitochondrial precursor	1596.8147	-1.189868806	0.00092 ANDSKYGLAAAVFTK	Acetyl (K)	0.0000100000000.0
161	IPI00111315	Apolipoprotein A-II precursor	1872.9734	0.053391041	0.0073 AYFEKTHEQLTPLVR	Acetyl (K)	0.0000100000000.0
162	IPI00111589	8 days embryo whole body cDNA, RIKEN full-length enriched library, clone:57	2278.1103	0.702336494	0.035 KKVEEVLEEEEEEYVVEK	Acetyl (K)	0.0100000000000000.0
163	IPI00111957, IPI001	Histone H2B type 1-A	1025.5393	3.217819151	0.045 AVTKYTSSK	Acetyl (K)	0.000100000.0
164	IPI00113196	Cytochrome c oxidase polypeptide VIIa-heart, mitochondrial precursor	1806.9628	4.593343039	0.0053 QKLFQADNDLPVHLK	Acetyl (K)	0.0100000000000.0
165	IPI00113223	Fatty acid synthase	1203.6248	3.406377137	0.043 QEGVFAKEVR	Acetyl (K)	0.0000001000.0
166	IPI00113241	40S ribosomal protein S19	1756.9108	9.960665049	0.076 PGVTVKDVNQQEFVR	Acetyl (K)	0.0000010000000.0
167	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	997.5233	4.110179682	0.087 LTFKYER	Acetyl (K)	0.0001000.0
168	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	1014.5709	3.942553448	0.065 LVEDLKTR	Acetyl (K)	0.00000100.0
169	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	1451.7442	2.893071658	0.0067 TAMKYNLGLDLR	Acetyl (K); Oxidation (M)	0.002100000000.0
170	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	1494.8082	10.10163043	0.0022 TAAYVNAIEKVFK	Acetyl (K)	0.0000000001000.0
171	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	1556.8297	6.102144634	0.00014 GASIVEDKLVEDLK	Acetyl (K)	0.0000001000000.0
172	IPI00114209	Glutamate dehydrogenase 1, mitochondrial precursor	1813.9785	3.362774145	0.00017 GASIVEDKLVEDLKTR	Acetyl (K)	0.0000000000000100.0
173	IPI00114331	Alpha-methylacyl-CoA racemase	3006.5815	3.65864022	0.014 LSGFGQSGIFSKVAGHDINYLALSGVLSK	Acetyl (K)	0.0000000000100000000000000000.0
174	IPI00114377	Cytochrome c oxidase polypeptide VIIa-liver/heart, mitochondrial precursor	1840.9142	9.995033989	0.028 QKLFQEDNGMPVHLK	Acetyl (K); Oxidation (M)	0.0100000020000.0
175	IPI00114416	3,2-trans-enoyl-CoA isomerase, mitochondrial precursor	1697.8559	3.828357872	0.0024 SVMTKWLAIPDHSR	Acetyl (K); Oxidation (M)	0.0020100000000.0
176	IPI00114642, IPI00	Histone H2B type 1-F/J/L	1518.797	-8.75693065	0.0014 ESYSVVYVKVLK	Acetyl (K)	0.0000000001000.0
177	IPI00114642	Histone H2B type 1-F/J/L	1549.8464	4.968234271	0.035 VLKQVHPDTGISSK	Acetyl (K)	0.0010000000000.0
178	IPI00114642	Histone H2B type 1-F/J/L	1646.8919	1.760892746	0.01 KESYSVVYVKVLK	Acetyl (K)	0.0000000001000.0
179	IPI00114642, IPI00	Histone H2B type 1-F/J/L	1804.0094	2.771604183	4.60E-07 LLLPGELAKHAVSEGTK	Acetyl (K)	0.0000000010000000.0
180	IPI00114957	3-mercaptopyruvate sulfurtransferase	899.4712	0.3335293	0.098 SPEEIKR	Acetyl (K)	0.0000010.0
181	IPI00114957	3-mercaptopyruvate sulfurtransferase	1572.8664	2.352393058	0.00033 LLDASWYLPKLGR	Acetyl (K)	0.0000000001000.0
182	IPI00115117	Stomatin-like protein 2	1018.5811	3.239800935	0.0005 LSLDKVFR	Acetyl (K)	0.00001000.0
183	IPI00115240, IPI00	Isoform 1 of Myelin basic protein	1608.7566	5.532222836	0.11 SKYLATASTMDHAR	Acetyl (K); Oxidation (M)	0.0100000020000.0
184	IPI00115302	Branched chain ketoacid dehydrogenase E1, beta polypeptide	1737.8912	3.740165092	0.073 NPCIFFEPKILYR	Acetyl (K)	0.0000000010000.0
185	IPI00115607	Trifunctional enzyme subunit beta, mitochondrial precursor	2331.1933	6.691851765	0.1 IPFLLSGTSYKDLMPHDLAR	Acetyl (K); Oxidation (M)	0.0000000001002000000.0
186	IPI00115795	AF4/FMR2 family member 2	940.5705	-9.674979175	0.033 TIGKKQPK	Acetyl (K)	0.00001000.0
187	IPI00115850	Isopentenyl-diphosphate Delta-isomerase 1	1460.6606	6.161595651	0.024 SYCYVSKEEVR	Acetyl (K)	0.0000010000.0
188	IPI00115949	Cox7a2l protein	1540.8402	0.454297597	0.024 FFQKADGVPIHLK	Acetyl (K)	0.0001000000000.0
189	IPI00115949	Cox7a2l protein	1546.8507	5.947568178	0.085 NKVPELQKFFQK	Acetyl (K)	0.0000000100000.0
190	IPI00115949	Cox7a2l protein	1696.9413	0.883943363	0.0067 FFQKADGVPIHLKR	Acetyl (K)	0.0001000000000.0
191	IPI00115992	similar to 40S ribosomal protein S25	1694.8879	7.552121884	0.0018 LNNLVLFDKATYDK	Acetyl (K)	0.0000000100000.0
192	IPI00116120	Programmed cell death protein 5	1252.739	5.827231371	0.067 LSNLALVKPEK	Acetyl (K)	0.0000001000.0
193	IPI00116154	cytochrome c oxidase, subunit Vb	1816.9029	11.55813005	0.0075 GLDPYNMLPPKAASGTK	Acetyl (K); Oxidation (M)	0.0000002001000000.0
194	IPI00116154	cytochrome c oxidase, subunit Vb	2025.049	2.17278693	0.015 AASGTKEDPNLVPSISNKR	Acetyl (K)	0.0000100000000000000.0
195	IPI00116154	cytochrome c oxidase, subunit Vb	3177.4471	1.793892965	0.015 IVGCICEEDNCTVIWFWLHKGESQR	Acetyl (K)	0.0000000000000000000100000.0
196	IPI00116222	3-hydroxyisobutyrate dehydrogenase, mitochondrial precursor	1359.7544	1.985652703	0.0013 LLAKILNMSSGR	Acetyl (K); Oxidation (M)	0.0001000200000.0
197	IPI00116228	Peptidyl-prolyl cis-trans isomerase, mitochondrial precursor	1350.8122	6.292510536	0.0075 VVLELKADVVPK	Acetyl (K)	0.0000010000000.0
198	IPI00116308	Hsc70-interacting protein	988.6069	1.820743918	0.0093 LAILYAKR	Acetyl (K)	0.000000010.0
199	IPI00116308	Hsc70-interacting protein	1682.9831	0.772437941	0.06 ASVFVKLQKPNAAIR	Acetyl (K)	0.0000010000000000.0
200	IPI00116498, IPI00	14-3-3 protein zeta/delta	985.5307	2.333767989	0.034 VFYLKMK	Acetyl (K); Oxidation (M)	0.0000120.0
201	IPI00116498	14-3-3 protein zeta/delta	1545.7886	2.199524566	2.20E-05 VVSSIEQKTEGAEK	Acetyl (K)	0.0000000010000.0
202	IPI00116498	14-3-3 protein zeta/delta	1673.8835	-8.304042665	0.013 VVSSIEQKTEGAEKK	Acetyl (K)	0.0000000100000.0
203	IPI00116603	Ornithine carbamoyltransferase, mitochondrial precursor	1137.5852	2.725070614	0.026 SLGMIFEKR	Acetyl (K); Oxidation (M)	0.000200010.0
204	IPI00116603	Ornithine carbamoyltransferase, mitochondrial precursor	1392.6885	3.087553319	0.11 LAEQYAKENGTK	Acetyl (K)	0.0000001000000.0
205	IPI00116705	Fatty acid-binding protein, adipocyte	1558.7515	5.709697793	0.0033 SESTFKNTEISFK	Acetyl (K)	0.0000010000000.0
206	IPI00116753	Electron transfer flavoprotein subunit alpha, mitochondrial precursor	2516.2659	3.417762805	0.0096 SGENFKLLYDLADQLHAAVGASR	Acetyl (K)	0.0000010000000000000000.0
207	IPI00116896	ATP synthase protein 8	1229.6444	2.521054054	0.017 TPWELKWTK	Acetyl (K)	0.0000001000.0
208	IPI00116896	ATP synthase protein 8	1651.8722	3.692779623	0.0012 WTKIYLPHSLPQQ	Acetyl (K)	0.0010000000000.0
209	IPI00116913	Laminin subunit alpha-5 precursor	1106.572	1.897752699	0.0066 DFTKATNIR	Acetyl (K)	0.000100000.0
210	IPI00117083	GrpE protein homolog 1, mitochondrial precursor	1111.6502	1.25938897	0.013 VFTKHGLLR	Acetyl (K)	0.000100000.0
211	IPI00117083	GrpE protein homolog 1, mitochondrial precursor	1141.5437	1.314010143	0.022 ETMEKYKR	Acetyl (K); Oxidation (M)	0.00201000.0
212	IPI00117083	GrpE protein homolog 1, mitochondrial precursor	1379.8136	2.753995177	0.016 TLRPALVGVVKDA	Acetyl (K)	0.0000000001000.0
213	IPI00117083	GrpE protein homolog 1, mitochondrial precursor	1795.9178	9.800003096	0.0067 LVEEAKLYGIQGFCK	Acetyl (K)	0.0000010000000.0
214	IPI00117312	Aspartate aminotransferase, mitochondrial precursor	1500.7572	6.130238789	0.025 DDNGKPYVLPSVR	Acetyl (K)	0.0000100000000.0
215	IPI00117312	Aspartate aminotransferase, mitochondrial precursor	2478.2325	4.721106676	0.087 MNLGVGAYRDDNGKPYVLPSVR	Acetyl (K); Oxidation (M)	0.2000000000000100000000.0
216	IPI00117312	Aspartate aminotransferase, mitochondrial precursor	2606.3275	-0.575522454	0.045 KMNLGVGAYRDDNGKPYVLPSVR	Acetyl (K); Oxidation (M)	0.0200000000000100000000.0
217	IPI00117312	Aspartate aminotransferase, mitochondrial precursor	3546.7915	3.524312044	0.0075 NLDKEYLPIGGLAEFCKASAELALGENNEVLK	Acetyl (K)	0.0000000000000010000000000000000.0
218	IPI00117379	Copper transport protein ATOX1	1161.6394	4.648602656	0.015 TGKAVSYLGPK	Acetyl (K)	0.001000000.0
219	IPI00117583	Thymosin beta-10	1564.7079	4.793226902	0.0058 ADKPDMGEIASFDK	Acetyl (K)	0.0010000000000.0
220	IPI00117583	Thymosin beta-10	1580.7028	3.036623962	0.044 ADKPDMGEIASFDK	Acetyl (K); Oxidation (M)	0.0010020000000.0
221	IPI00117583	Thymosin beta-10	1821.8454	5.159603554	0.036 ADKPDMGEIASFDKAK	2 Acetyl (K); Oxidation (M)	0.0010020000000100.0
222	IPI00117857	Alpha-1-antitrypsin 1-6 precursor	1273.7394	0.15701799	0.0015 ELISKFLLNR	Acetyl (K)	0.0000100000.0
223	IPI00117857	Alpha-1-antitrypsin 1-6 precursor	1429.8405	3.986458629	0.08 ELISKFLLNRR	Acetyl (K)	0.00001000000.0
224	IPI00117914	Adult male liver tumor cDNA, RIKEN full-length enriched library, clone:C7300	1193.5928	1.591832659	3.80E-05 LKETEYDVR	Acetyl (K)	0.0100000000.0
225	IPI00117914	Adult male liver tumor cDNA, RIKEN full-length enriched library, clone:C7300	1640.8886	3.534670178	9.30E-05 SLEIIGAPFSKGQPR	Acetyl (K)	0.0000000000100000.0
226	IPI00117914	Adult male liver tumor cDNA, RIKEN full-length enriched library, clone:C7300	1721.8737	1.56805926	0.034 EGNHKPGTDYLKPPK	Acetyl (K)	0.0000000000001000.0
227	IPI00117944	Tumor susceptibility gene 101 protein	681.3189	2.788708782	0.061 KMMSK	Acetyl (K); Oxidation (M)	0.10200.0
228	IPI00118217	Syntaxin-7	1995.0425	7.468512576	0.073 LVAEFTTSLTNFQKAQR	Acetyl (K)	0.0000000000001000.0
229	IPI00118447	Transcriptional activator protein Pur-alpha	1848.8175	1.460392927	0.047 FGHTFCKYSEEMKK	Acetyl (K); Oxidation (M)	0.0000001000200.0
230	IPI00118963	39S ribosomal protein L12, mitochondrial precursor	1268.734	9.142972443	0.0024 LTEAKPVDKVK	Acetyl (K)	0.0000100000.0
231	IPI00119203	Very-long-chain specific acyl-CoA dehydrogenase, mitochondrial precursor	1436.7735	6.542436926	0.016 SLIAKAVDHATNR	Acetyl (K)	0.0000100000000.0
232	IPI00119203	Very-long-chain specific acyl-CoA dehydrogenase, mitochondrial precursor	1970.9408	-7.610578664	0.068 SSAIPSPCGKYYTLNGSK	Acetyl (K)	0.0000000010000000.0
233	IPI00119203	Very-long-chain specific acyl-CoA dehydrogenase, mitochondrial precursor	2160.0546	12.0830279	0.0019 EATQAVLDKPETLSSDASTR	Acetyl (K)	0.0000000100000000000.0
234	IPI00119618	Calnexin precursor	1202.5931	6.402830683	0.004 TGVYEEKHAK	Acetyl (K)	0.0000001000.0
235	IPI00119945	Nit protein 2	1527.8144	-2.487213107	0.0029 IPGESTQKLSEVAK	Acetyl (K)	0.0000001000000.0
236	IPI00120045, IPI00	CPN10-like protein	1570.8031	5.60222984	0.00047 VVLDDKDYFLFR	Acetyl (K)	0.0000010000000.0
237	IPI00120451	Fatty acid-binding protein, liver	1081.5842	8.875869304	0.027 MVTTFKGIK	Acetyl (K); Oxidation (M)	0.200001000.0
238	IPI00120451	Fatty acid-binding protein, liver	1113.603	0.808187478	0.0016 AVVKLEGDNK	Acetyl (K)	0.0001000000.0
239	IPI00120451	Fatty acid-binding protein, liver	1223.651	1.879620905	0.0046 GVSEIVHEGKK	Acetyl (K)	0.0000000010.0
240	IPI00120451	Fatty acid-binding protein, liver	1340.7663	1.417100057	0.0051 VKAVVKLEGDNK	Acetyl (K)	0.0000010000.0
241	IPI00120451	Fatty acid-binding protein, liver	1579.8569	2.468578009	0.014 DIKGVSEIVHEGKK	Acetyl (K)	0.0010000000000.0
242	IPI00120451	Fatty acid-binding protein, liver	1636.8784	0.549827037	0.0084 GKDIKGVSEIVHEGK	Acetyl (K)	0.0000100000000.0
243	IPI00120451	Fatty acid-binding protein, liver	3703.7902	4.859886502	0.028 MNFSGKYQLQSQENFEPFMKAIGLPEDLIQK	Acetyl (K); 2 Oxidation (M)	0.2000010000000000200000000000.0
244	IPI00120653	Isoform 1 of High mobility group nucleosome-binding domain-containing pro	1303.5892	7.977973429	0.0077 SPENTEGKDGTK	Acetyl (K)	0.0000000100000.0
245	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	984.5855	4.367320055	0.00074 ILEVVKDK	Acetyl (K)	0.00001100.0
246	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	2094.0211	-6.160396378	0.00083 WVTYFNKPDIDAWELR	Acetyl (K)	0.0000001000000000.0
247	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	2222.116	-7.560361385	0.017 WVTYFNKPDIDAWELRK	Acetyl (K)	0.0000001000000000.0
248	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	2426.2879	7.459955597	0.02 GMNTLVGYDLVPEPKIIDAALR	Acetyl (K)	0.0000000000001000000.0
249	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	2442.2828	9.253637621	1.10E-05 GMNTLVGYDLVPEPKIIDAALR	Acetyl (K); Oxidation (M)	0.0200000000000010000000.0
250	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	3469.8232	9.280011731	0.00043 EIYPYVIQELRPTLNELGISTPEELGLDKV	Acetyl (K)	0.0000000000000000000000000000000010.0
251	IPI00120719	Cytochrome c oxidase subunit 5A, mitochondrial precursor	3960.0884	5.732195271	0.029 AGPHKEIYPYVIQELRPTLNELGISTPEELGLDKV	Acetyl (K)	0.0000000000000000000000000000000010.0
252	IPI00121051	Glutathione S-transferase kappa 1	1617.9494	8.591121576	0.089 KGQYIFKEIPLLK	Acetyl (K)	0.0000001000000.0
253	IPI00121105	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial precursor	1437.6293	7.442808796	0.022 GDASKEDIDTAMK	Acetyl (K); Oxidation (M)	0.0000100000020.0
254	IPI00121209	Apolipoprotein A-I precursor	1140.6251	0.17534245	0.089 QKLQELQGR	Acetyl (K)	0.010000000.0
255	IPI00121209	Apolipoprotein A-I precursor	1602.8101	0.623904229	0.00018 AQSVIDKASETLTAQ	Acetyl (K)	0.0000001000000000.0

256	IPI00121288	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10	1263.6711	4.510667372	0.064	ELEQFTKVTK	Acetyl (K)	0.0000001000.0
257	IPI00121319	Cysteine-rich protein 2	2308.0859	-0.476585382	0.00037	GVNTGAVGSYIYDKDPEGTVQP	Acetyl (K)	0.00000000000001000000000.0
258	IPI00121419, IPI001	similar to ubiquinol-cytochrome c reductase binding protein	1777.845	6.412257537	0.00076	YEEDKFYLEPYLK	Acetyl (K)	0.0000100000000.0
259	IPI00121419, IPI001	similar to ubiquinol-cytochrome c reductase binding protein	2436.1525	8.168618344	0.006	DQWTKYEEDKFYLEPYLK	Acetyl (K)	0.00001000000000000.0
260	IPI00121514	Stress-induced-phosphoprotein 1	1255.6084	3.424634623	0.0031	IGNSYFKEEK	Acetyl (K)	0.0000001000.0
261	IPI00121641	Tnnt2 protein	1606.8831	3.609472276	0.0023	FKQQKYEINVLR	Acetyl (K)	0.0000100000000.0
262	IPI00121641	Tnnt2 protein	1606.8831	4.294027363	0.034	FKQQKYEINVLR	Acetyl (K)	0.0100000000000.0
263	IPI00121641	Tnnt2 protein	2398.1804	14.80288972	0.066	ELWQSIHNLEAEKFDLQEK	Acetyl (K)	0.00000000000001000000.0
264	IPI00122281	Keratin complex 1, acidic, gene 2	1517.8089	-11.39800933	0.09	QNQEYKVLLDVK	Acetyl (K)	0.0000010000000.0
265	IPI00122740	Protein LRP16	3149.5775	3.365530774	0.00033	GDITKLEVDAIVNAANSSLLGGGGVDGCIHR	Acetyl (K)	0.00001000000000000000000000000000.0
266	IPI00122845	hepatitis B virus x associated protein isoform 1	1416.7096	4.870440632	0.019	GKDISTILDEER	Acetyl (K)	0.0100000000000.0
267	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	845.4858	1.537577568	0.0064	SVTKLEK	Acetyl (K)	0.0001000.0
268	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	935.4712	1.496571995	0.0093	KYEEVAR	Acetyl (K)	0.1000000.0
269	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1114.5618	2.243033989	0.0015	LDKENALDR	Acetyl (K)	0.0010000000.0
270	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	1223.5557	6.865237112	0.033	EDKYEEEIK	Acetyl (K)	0.001000000.0
271	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1295.6106	1.234938955	0.0072	EAKHIAEDADR	Acetyl (K)	0.00100000000.0
272	IPI00123316, IPI002	Isoform 1 of Tropomyosin-1 alpha chain	1422.699	3.23329109	0.00042	SLEAQAEKYSQK	Acetyl (K)	0.0000000100.0
273	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1423.7055	1.475024154	0.004	EAKHIAEDADRK	Acetyl (K)	0.0010000000.0
274	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1429.7776	-0.489586632	0.001	VLSDKLKEAETR	Acetyl (K)	0.0000001000.0
275	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1429.7776	-7.553622326	0.018	VLSDKLKEAETR	Acetyl (K)	0.0000100000.0
276	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1470.7929	6.323119999	2.30E-05	QLEDELVSLQKK	Acetyl (K)	0.0000000010.0
277	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	1484.8086	3.43478614	1.30E-05	LATALQKLEEAEK	Acetyl (K)	0.0000001000.0
278	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1500.7857	4.064537662	0.0015	MEIQEIQLKEAK	Acetyl (K)	0.0000000100.0
279	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1516.7806	4.153534137	0.0043	MEIQEIQLKEAK	Acetyl (K); Oxidation (M)	0.2000000100.0
280	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	1517.6845	3.228602519	1.00E-07	LEEAEKAADESER	Acetyl (K)	0.0000010000000.0
281	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	1638.7624	5.613992608	1.50E-06	GTEDELDKYSEALK	Acetyl (K)	0.0000001000000.0
282	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1685.9199	1.601499573	3.80E-07	SKQLEDELVSLQKK	Acetyl (K)	0.0000000000010.0
283	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1686.8788	9.307129831	1.80E-06	TVTNNLKSLEAQAEK	Acetyl (K)	0.0000001000000.0
284	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1689.8131	8.580830626	0.041	DEEKMEIQEIQLK	Acetyl (K); Oxidation (M)	0.0001200000000.0
285	IPI00123316, IPI002	Isoform 1 of Tropomyosin-1 alpha chain	1794.8635	4.290019826	0.00019	SLEAQAEKYSQKEDK	Acetyl (K)	0.0000000100000.0
286	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1820.9043	1.757368578	1.50E-05	SIDDLEDELYAQKLK	Acetyl (K)	0.0000000000100.0
287	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1842.886	2.061983215	0.023	HIAEDADRKYEEVAR	Acetyl (K)	0.0000000100000.0
288	IPI00123316, IPI002	Isoform 1 of Tropomyosin-1 alpha chain	1879.9414	8.883255616	3.20E-07	LKGTEDELDKYSEALK	Acetyl (K)	0.0000000001000000.0
289	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	1949.9469	2.718022732	0.0011	LEKSIDDLEDELYAQK	Acetyl (K)	0.0010000000000.0
290	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2001.0088	8.345790383	6.70E-05	AQKDEEKMEIQEIQLK	Acetyl (K)	0.0000001000000.0
291	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2001.0088	-1.799092538	0.00047	AQKDEEKMEIQEIQLK	Acetyl (K)	0.0010000000000.0
292	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2017.0037	2.925130975	2.10E-09	AQKDEEKMEIQEIQLK	Acetyl (K); Oxidation (M)	0.0000001200000000.0
293	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2017.0037	0.347049438	0.00044	AQKDEEKMEIQEIQLK	Acetyl (K); Oxidation (M)	0.0010000200000000.0
294	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2112.0626	7.954309688	0.013	SIDDLEDELYAQKLKYK	Acetyl (K)	0.0000000000000100.0
295	IPI00123316, IPI002	Isoform 1 of Tropomyosin-1 alpha chain	2210.0226	3.393630454	0.0005	GTEDELDKYSEALKDAQEK	Acetyl (K)	0.0000000100000000000.0
296	IPI00123316, IPI001	Isoform 1 of Tropomyosin-1 alpha chain	2243.128	-4.145996127	5.40E-06	LATALQKLEEAEKAADESER	Acetyl (K)	0.0000001000000000000.0
297	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2365.19	3.255552408	0.0043	SVTKLEKSIDDLEDELYAQK	Acetyl (K)	0.0000001000000000000.0
298	IPI00123316	Isoform 1 of Tropomyosin-1 alpha chain	2365.19	1.860315662	0.0043	SVTKLEKSIDDLEDELYAQK	Acetyl (K)	0.0001000000000000000.0
299	IPI00123319, IPI002	Isoform 1 of Tropomyosin beta chain	815.4752	1.348906748	0.016	SVAKLEK	Acetyl (K)	0.0001000.0
300	IPI00123319	Isoform 1 of Tropomyosin beta chain	1114.5618	2.243033989	0.0015	LDKENAIDR	Acetyl (K)	0.001000000.0
301	IPI00123319	Isoform 1 of Tropomyosin beta chain	1311.6055	3.125939926	0.00074	EAKHIAEDSDR	Acetyl (K)	0.00100000000.0
302	IPI00123319	Isoform 1 of Tropomyosin beta chain	1339.7711	2.687026164	0.00093	KLVILEGELER	Acetyl (K)	0.10000000000.0
303	IPI00123319	Isoform 1 of Tropomyosin beta chain	1381.6725	3.329298368	3.70E-05	SLEAQADKYSTK	Acetyl (K)	0.0000000100000.0
304	IPI00123319	Isoform 1 of Tropomyosin beta chain	1512.7783	2.908555735	0.0022	QLEEEQQALQKK	Acetyl (K)	0.0000000000010.0
305	IPI00123319	Isoform 1 of Tropomyosin beta chain	1550.732	1.031770802	0.0084	MELQEMQLKEAK	Acetyl (K); 2 Oxidation (M)	0.2000021001000.0
306	IPI00123319	Isoform 1 of Tropomyosin beta chain	1640.7417	0.121896091	3.70E-07	GTEDEVEKYSESVK	Acetyl (K)	0.0000001000000.0
307	IPI00123319	Isoform 1 of Tropomyosin beta chain	1702.7937	1.937991666	0.00022	YSTKEDKYEEEIK	Acetyl (K)	0.0000001000000.0
308	IPI00123319	Isoform 1 of Tropomyosin beta chain	1835.904	-1.08938158	0.025	EDKYEEEIKLLEEK	Acetyl (K)	0.0000000100000.0
309	IPI00123319	Isoform 1 of Tropomyosin beta chain	1835.904	5.501376978	0.03	EDKYEEEIKLLEEK	Acetyl (K)	0.0010000000000.0
310	IPI00123319	Isoform 1 of Tropomyosin beta chain	1854.8557	1.293901191	4.60E-05	TIDDLEDEVYAQKMK	Acetyl (K); Oxidation (M)	0.0000000000120.0
311	IPI00123319	Isoform 1 of Tropomyosin beta chain	1858.8809	0.968324544	0.02	HIAEDSDRKYEEVAR	Acetyl (K)	0.0000000001000000.0
312	IPI00123319	Isoform 1 of Tropomyosin beta chain	1881.9207	0.212548807	0.00054	LKGTEDEVEKYSESVK	Acetyl (K)	0.0000000001000000.0
313	IPI00123319	Isoform 1 of Tropomyosin beta chain	1915.9561	-0.156579788	0.0012	CGDLEEELKIVTNNLK	Acetyl (K)	0.0000000010000000.0
314	IPI00123319	Isoform 1 of Tropomyosin beta chain	1949.9469	6.923265449	9.70E-05	LEKTIDDLEDEVYAQK	Acetyl (K)	0.0010000000000000.0
315	IPI00123319	Isoform 1 of Tropomyosin beta chain	2021.9471	1.681547455	0.044	AMKDEEKMELQEMQLK	Acetyl (K)	0.0010000000000000.0
316	IPI00123319	Isoform 1 of Tropomyosin beta chain	2037.942	3.680183244	0.0034	AMKDEEKMELQEMQLK	Acetyl (K); Oxidation (M)	0.0010000200000000.0
317	IPI00123319	Isoform 1 of Tropomyosin beta chain	2037.942	1.668349737	0.026	AMKDEEKMELQEMQLK	Acetyl (K); Oxidation (M)	0.0210000000000000.0
318	IPI00123319	Isoform 1 of Tropomyosin beta chain	2053.937	2.093540357	0.052	AMKDEEKMELQEMQLK	Acetyl (K); 2 Oxidation (M)	0.0210000200000000.0
319	IPI00123319	Isoform 1 of Tropomyosin beta chain	2069.9319	2.270606101	0.099	AMKDEEKMELQEMQLK	Acetyl (K); 3 Oxidation (M)	0.0200001200002000.0
320	IPI00123319	Isoform 1 of Tropomyosin beta chain	2212.0019	-7.414098514	4.00E-06	GTEDEVEKYSESVKDAQEK	Acetyl (K)	0.0000001000000000000.0
321	IPI00123639	Calreticulin precursor	1825.8482	4.107679927	0.0027	IKDPDAAKPEDWDER	Acetyl (K)	0.0100000000000000.0
322	IPI00124225	Proteasome activator complex subunit 2	932.508	2.895417519	0.055	KQVDVFR	Acetyl (K)	0.1000000.0
323	IPI00124499	Keratin 79	1391.668	5.820353705	1.20E-05	NKYEDEINKR	2 Acetyl (K)	0.0100000010.0
324	IPI00124518, IPI003	Similar to H2B histone family, member J	984.5968	5.687607354	0.0031	KAVTKVQK	2 Acetyl (K)	0.10001000.0
325	IPI00124692	Transaldolase	1174.6346	0.766195717	0.0011	FAADAIKLER	Acetyl (K)	0.0000001000.0
326	IPI00124900	Isoform 1 of Methylglutaconyl-CoA hydratase, mitochondrial precursor	1116.6212	3.761347178	0.054	MLSKAVDALK	Acetyl (K)	0.0001000000.0
327	IPI00124900	Isoform 1 of Methylglutaconyl-CoA hydratase, mitochondrial precursor	1132.6162	3.355064143	0.0091	MLSKAVDALK	Acetyl (K); Oxidation (M)	0.2001000000.0
328	IPI00125035	Adenylate kinase isoenzyme 4, mitochondrial	1578.8657	-0.443356265	0.025	YKDAAKPVIELYK	Acetyl (K)	0.0000010000000.0
329	IPI00125035	Adenylate kinase isoenzyme 4, mitochondrial	1821.9988	1.20746512	0.055	YKDAAKPVIELYKSR	Acetyl (K)	0.0000000000000100.0
330	IPI00125091	LIM and SH3 domain protein 1	1403.6656	0.213726118	0.011	VNCLDKYWHK	Acetyl (K)	0.0000010000.0
331	IPI00125091	LIM and SH3 domain protein 1	2049.9643	8.146483331	0.021	TQDQISNIKYHEEFEK	Acetyl (K)	0.0000000010000000.0
332	IPI00125652	Thioredoxin, mitochondrial precursor	1792.9247	8.03156987	0.00013	FVGIKDEDQLEAFLK	Acetyl (K)	0.0000100000000.0
333	IPI00125662	Isoform 1 of SWI/SNF-related matrix-associated actin-dependent regulator of	982.6175	2.544224991	0.019	KLEIKLR	2 Acetyl (K)	0.1000100.0
334	IPI00125929	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4	2192.0426	3.695183661	3.00E-05	LGPNEQYKFYSVNVDYSK	Acetyl (K)	0.0000001000000000.0
335	IPI00126120	Maleylacetoacetate isomerase	1900.0094	7.473647236	0.0019	FKVDLSPYPTISHINK	Acetyl (K)	0.0100000000000000.0
336	IPI00126913	Isoform 1 of ATPase family AAA domain-containing protein 3	1846.9175	8.717227489	0.0088	MYFDKYVLKPATEGK	Acetyl (K); Oxidation (M)	0.2000100000000.0
337	IPI00126917	Adult male testis cDNA, RIKEN full-length enriched library, clone:1700071K01	1246.6557	2.486652891	0.024	FVVEKAEQQK	Acetyl (K)	0.0000100000.0
338	IPI00127206	Fructose-bisphosphate aldolase B	1138.5441	3.952416072	0.037	ATQEAFMKR	Acetyl (K); Oxidation (M)	0.000000210.0
339	IPI00127260	Acyl-CoA thioesterase 10	1363.7096	3.519810963	0.0068	DKYVTVQNTVR	Acetyl (K)	0.0100000000.0
340	IPI00127276	Enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase	1423.6884	3.020323829	0.0099	GWYQYDKPLGR	Acetyl (K)	0.0000010000.0
341	IPI00127415	Nucleophosmin	1251.6863	-1.278275555	0.057	VEAKFINYVK	Acetyl (K)	0.0001000000.0
342	IPI00127415	Nucleophosmin	2614.2048	1.147576502	0.031	ADKDYHFKVDNDENEHQLSLR	Acetyl (K)	0.0000000100000000000000.0
343	IPI00127560	Transthyretin precursor	1441.7785	13.03945093	0.00014	CPLMVKVLDAVR	Acetyl (K)	0.0000010000000.0
344	IPI00127560	Transthyretin precursor	1457.7734	4.390257087	0.0002	CPLMVKVLDAVR	Acetyl (K); Oxidation (M)	0.0002010000000.0
345	IPI00127598, IPI003	ATPase inhibitor, mitochondrial precursor	1163.6411	5.929663364	0.0022	KIQQLKNNH	Acetyl (K)	0.000001000.0
346	IPI00127841	ADP/ATP translocase 2	1436.7565	2.29684014	0.0052	AFFKGAWSNVLR	Acetyl (K)	0.0001000000000.0
347	IPI00127841	ADP/ATP translocase 2	1730.8668	9.821668542	0.012	YFPTQALNFAFKDK	Acetyl (K)	0.0000000000100.0
348	IPI00127989	Prostaglandin E synthase 3	1220.6037	4.096333642	0.024	DVNVNFEKSK	Acetyl (K)	0.0000000100.0
349	IPI00128209	Adenylate kinase isoenzyme 1	2005.0633	8.678030265	2.40E-05	IVQKYGYTHLSTGDLLR	Acetyl (K)	0.0001000000000000.0
350	IPI00128209	Adenylate kinase isoenzyme 1	2406.1855	-4.03127689	0.0019	RLETYYNATEPVISFYDKR	Acetyl (K)	0.0000000000000000010.0
351	IPI00128285	RIKEN cDNA 1500032D16 gene	1892.9302	8.875129152	0.01	ESAKPCEAEVILPSHGK	Acetyl (K)	0.0001000000000000.0
352	IPI00128345	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial precu	1263.671	2.848842776	0.079	VYINLDKETK	Acetyl (K)	0.0000001000.0
353	IPI00128345	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial precu	1765.8271	8.777756327	0.0058	ITHTGQVYDEKDYR	Acetyl (K)	0.0000000001000.0
354	IPI00128345	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial precu	1921.9282	9.157470087	0.0041	ITHTGQVYDEKDYRR	Acetyl (K)	0.0000000010000.0
355	IPI00128345	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial precu	1971.8469	-0.70999427	0.00014	TGTCGYCGLQFKQHHH	Acetyl (K)	0.0000000000010000.0
356	IPI00128346	Zinc finger CDGSH domain-containing protein 1	1804.9319	6.426835273	0.00048	HNEETGDNVGPLIIKK	Acetyl (K)	0.0000000000000010.0
357	IPI00129096	Pyridoxine-5'-phosphate oxidase	924.4454	3.028843023	0.0061	GFGKDGFR	Acetyl (K)	0.00010000.0
358	IPI00129164	Sepiapterin reductase	1637.8624	2.320097219	0.00057	QLKEELGAQQPDLK	Acetyl (K)	0.0010000000000.0
359	IPI00129468	Chromobox protein homolog 3	1336.7391	8.977069647	0.071	VVNGKVEYFLK	Acetyl (K)	0.0000100000.0
360	IPI00129516	Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial pr	1295.6445	3.164448273	0.025	DHCVAHKLFK	Acetyl (K)	0.0000001000.0
361	IPI00129516	Ubiquinol-cytochrome c reductase complex 11 kDa protein, mitochondrial pr	1500.6701	2.332291421	0.017	EHCEQLEKCVK	Acetyl (K)	0.0000001000.0
362	IPI00129517	Isoform Mitochondrial of Peroxiredoxin-5, mitochondrial precursor	1159.6601	-0.344928656	0.022	VNLAELFKGK	Acetyl (K)	0.0000000100.0
363	IPI00129517	Isoform Mitochondrial of Peroxiredoxin-5, mitochondrial precursor	1287.755	-1.009508796	0.0016	KVNLAELFKGK	Acetyl (K)	0.0000000100.0
364	IPI00129755	Alpha-1-antitrypsin 1-2 precursor	1239.755	3.549088328	6.00E-05	ELISKILLNR	Acetyl (K)	0.0000100000.0
365	IPI00129755	Alpha-1-antitrypsin 1-2 precursor	2072.9327	2.605004977	0.051	KPFDPENTEEAEFHVDK	Acetyl (K)	0.1000000000000000.0
366	IPI00129928	Isoform Mitochondrial of Fumarate hydratase, mitochondrial precursor	1468.698	6.05978901	0.014	STMNFKIGGATER	Acetyl (K); Oxidation (M)	0.0020010000000.0
367	IPI00129928	Isoform Mitochondrial of Fumarate hydratase, mitochondrial precursor	1538.7729	1.234750105	1.70E-07	VPTDKYYGAQTVR	Acetyl (K)	0.0000100000000.0
368	IPI00129928	Isoform Mitochondrial of Fumarate hydratase, mitochondrial precursor	2276.1358	-4.525213302	0.002	AAAEVNQEYGLDPKIASAIMK	Acetyl (K); Oxidation (M)	0.0000000000001000020.0
369	IPI00129928	Isoform Mitochondrial of Fumarate hydratase, mitochondrial precursor	2704.3385	7.654367233	0.023	VEFDTFGELKVPTDKYYGAQTVR	Acetyl (K)	0.0000000000000100000000.0
370	IPI00130280	ATP synthase subunit alpha, mitochondrial precursor	1618.8606	5.991868602	0.0053	LKEIVTNFLAGFEP	Acetyl (K)	0.0100000000000.0
371	IPI00130389	Visual cortex cDNA, RIKEN full-length enriched library, clone:K530020M04 pr	1276.6234	-3.446592002	0.056	AYEMTKLAHR	Acetyl (K); Oxidation (M)	0.0002010000.0
372	IPI00130589	Superoxide dismutase	1505.6706	2.058883264	9.80E-07	GGNEESTKTGNAGSR	Acetyl (K)	0.0000001000000.0
373	IPI00130589	Superoxide dismutase	1556.7505	-1.413200124	2.10E-05	TMVVHEKQDDLGK	Acetyl (K); Oxidation (M)	0.0200001000000.0
374	IPI00130589	Superoxide dismutase	2161.9836	2.451452453	0.001	QDDLGKGGNEESTKTGNAGSR	Acetyl (K)	0.0000000000001000000.0
375	IPI00130589	Superoxide dismutase	2224.1311	-0.944188946	0.023	AVCVLKGDGPVQGTIHFEQK	Acetyl (K)	0.0000010000000000000.0
376	IPI00130589	Superoxide dismutase	2359.0962	2.670514242	0.0011	TMVVHEKQDDLGKGGNEESTK	Acetyl (K); Oxidation (M)	0.0200001000000000000000.0
377	IPI00130640	Ribonuclease UK114	1625.9028	2.706188832	0.032	VEIEAIAVQGPFIKA	Acetyl (K)	0.0000000000010.0
378	IPI00130640	Ribonuclease UK114	1926.0574	3.270930555	0.00025	GSRVEIEAIAVQGPFIKA	Acetyl (K)	0.0000000000000010.0
379	IPI00130653, IPI002	Myosin-7	1265.6252	4.740739992	0.003	TKYETDAIQR	Acetyl (K)	0.0100000000.0
380	IPI00130661	Tripeptidyl-peptidase 1 precursor	1294.6339	3.475886117	0.00026	VNTEFMKAAAR	Acetyl (K); Oxidation (M)	0.0000210000.0
381	IPI00131177	Leucine zipper-EF-hand-containing transmembrane protein 1, mitochondrial	1738.8373	2.070348962	0.1	TGEEKYIEESAASKR	Acetyl (K)	0.0000100000000000.0
382	IPI00131695	Serum albumin precursor	1060.5818	7.825893297	0.0056	AFKAWAVAR	Acetyl (K)	0.0010000000.0
383	IPI00131695	Serum albumin precursor	1286.5383	-1.476831277	0.0026	CSSMQKFGER	Acetyl (K); Oxidation (M)	0.0002010000.0

384	IPI00131695	Serum albumin precursor	1544.8055	7.897434337	0.065	LQTCCDKPLLKK	Acetyl (K)	0.0000000100000.0
385	IPI00131695	Serum albumin precursor	2328.146	4.123452739	0.078	RPCFSALTVDETYVPKEFK	Acetyl (K)	0.000000000000000001000.0
386	IPI00131695	Serum albumin precursor	2612.1734	5.895473861	0.024	LVQEVTDFAKTCVADESAANCDK	Acetyl (K)	0.000000000100000000000000.0
387	IPI00132117, IPI00	similar to Histone H3.3	1069.6243	5.609446233	0.025	KQLATKAAR	2 Acetyl (K)	0.100001000.0
388	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1382.599	3.978015318	0.024	DQWTKYEEDK	Acetyl (K)	0.0000100000.0
389	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1402.6669	0	0.00071	KWYYNAAGFNK	Acetyl (K)	0.10000000000.0
390	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1434.7619	1.045469635	0.026	HQILPKDQWTK	Acetyl (K)	0.0000010000.0
391	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1551.7681	-1.739950705	0.031	SAVSASSKWLDGFR	Acetyl (K)	0.000000010000000.0
392	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1610.8708	6.394057177	0.035	FYLEPYLKEVIR	Acetyl (K)	0.000000010000.0
393	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1679.8631	3.512190964	0.00077	SAVSASSKWLDGFRK	Acetyl (K)	0.0000000100000000.0
394	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	1860.8981	1.235962356	0.00043	WYYNAAGFNKLGLMR	Acetyl (K); Oxidation (M)	0.0000000000100020.0
395	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	2275.1412	6.109510917	0.015	YEEDKFYLEPYLKEVIR	Acetyl (K)	0.0000000000010000.0
396	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	2317.1517	11.78170596	0.0042	YEEDKFYLEPYLKEVIR	2 Acetyl (K)	0.0000100000010000.0
397	IPI00132347	Adult male cerebellum cDNA, RIKEN full-length enriched library, clone:15000	2436.1525	5.33628334	0.00054	DQWTKYEEDKFYLEPYLK	Acetyl (K)	0.0000000010000000.0
398	IPI00132456	Protein C14orf166 homolog	2683.2336	2.906940342	0.0078	KLTALDYHNPSGFNCKDETEFR	Acetyl (K)	0.000000000000001000000.0
399	IPI00132474	Integrin beta-1 precursor	1533.8039	2.999079609	0.057	SAVTTVVNPKYEGK	Acetyl (K)	0.0000000010000.0
400	IPI00132686	Isoform 1 of Axin-1	932.5807	-9.543410023	0.054	HVPKLGLK	Acetyl (K)	0.00010000.0
401	IPI00132799	complement component 1, q subcomponent binding protein	1738.8665	5.003259307	2.10E-06	AFVEFLTDEIKEEK	Acetyl (K)	0.0000000001000.0
402	IPI00132958	Thioesterase superfamily member 2	1085.6193	2.394946368	0.056	TTGKLIAQGR	Acetyl (K)	0.0001000000.0
403	IPI00132958	Thioesterase superfamily member 2	1252.6274	3.033623566	0.046	VMFKVPGFDR	Acetyl (K); Oxidation (M)	0.0201000000.0
404	IPI00132958	Thioesterase superfamily member 2	1524.8763	1.639477248	0.00056	VLEKVTLVSAAPEK	Acetyl (K)	0.0001000000000.0
405	IPI00132958	Thioesterase superfamily member 2	1815.8495	6.883830406	0.00036	LICEMKVEEQHTNK	Acetyl (K); Oxidation (M)	0.0000210000000.0
406	IPI00132959	HD domain-containing protein 3	2061.0755	-3.590358529	0.031	RKDPEGTPYINHPIGVAR	Acetyl (K)	0.010000000000000000.0
407	IPI00133006	Acyl carrier protein, mitochondrial precursor	1161.5917	4.993148625	0.0048	LYDKIDPEK	Acetyl (K)	0.000100000.0
408	IPI00133006	Acyl carrier protein, mitochondrial precursor	1294.7536	5.638138407	4.30E-05	VLYVLKLYDK	Acetyl (K)	0.0000010000.0
409	IPI00133006	Acyl carrier protein, mitochondrial precursor	1877.055	2.717022144	0.011	VLYVLKLYDKIDPEK	Acetyl (K)	0.0000010000000.0
410	IPI00133034	Histidine triad nucleotide-binding protein 2	1360.7099	3.527570425	0.061	IAQAQGLKDGYR	Acetyl (K)	0.0000000010000.0
411	IPI00133284	ES1 protein homolog, mitochondrial precursor	2783.3402	3.880229948	0.019	GVEVTVGHEQEEGGKWPYAGTAEAIK	Acetyl (K)	0.000000000000001000000000.0
412	IPI00133392	Myosin light polypeptide 3	1510.8355	6.023157385	0.084	VLGKPKQEELNSK	Acetyl (K)	0.0000010000000.0
413	IPI00133392, IPI001	Myosin light polypeptide 3	1763.8512	3.911894609	1.20E-05	VFDKEGNGTVMGAELR	Acetyl (K)	0.0001000000000.0
414	IPI00133403	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	1697.8988	7.656522285	0.015	QWKIEGTPLETVQK	Acetyl (K)	0.0010000000000.0
415	IPI00133562	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3	1162.587	1.118195886	0.012	AAEEVEAKFK	Acetyl (K)	0.0000000100.0
416	IPI00133562	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3	1537.7888	2.275995247	0.017	KQDAFYKEQLAR	Acetyl (K)	0.0000010000.0
417	IPI00133562	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3	1779.8203	2.921643269	0.0017	SSEFYKVTTEEYQK	Acetyl (K)	0.0000100000000.0
418	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1120.6645	6.246294051	0.0016	IGGIFAFKVK	Acetyl (K)	0.0000000100.0
419	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1231.6812	2.110935849	0.0053	ANLVFKEIEK	Acetyl (K)	0.0000010000.0
420	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1359.7762	1.764996328	0.051	ANLVFKEIEKK	Acetyl (K)	0.0000100000.0
421	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1376.6823	4.86677282	0.015	LEEEGEQFVKK	Acetyl (K)	0.0000000010.0
422	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1504.7773	4.651851141	0.00011	KLEEEGEQFVKK	Acetyl (K)	0.0000000010.0
423	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1552.7708	-0.193203015	0.002	MNPQSAFFQGKLK	Acetyl (K); Oxidation (M)	0.2000000000100.0
424	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1598.7941	2.752074204	0.084	DGPGGKEATWVVDVK	Acetyl (K)	0.0000010000000000.0
425	IPI00134131	Isoform SCPx of Nonspecific lipid-transfer protein	1825.9574	1.095315805	0.042	VKDGPGGKEATWVVDVK	Acetyl (K)	0.0000000100000000.0
426	IPI00134718	Isoform 1 of Zinc finger protein 687	643.4268	1.865014016	0.0095	IKTIK	Acetyl (K)	0.01000.0
427	IPI00134743	Alkaline phosphatase, tissue-nonspecific isozyme precursor	1345.7202	0.743096522	0.0025	DAGKSVGIVTTTR	Acetyl (K)	0.0001000000000.0
428	IPI00134915	Ankyrin repeat domain-containing protein 5	997.5444	1.904677125	0.1	EKLDNLPK	Acetyl (K)	0.01000000.0
429	IPI00135660	Serum deprivation-response protein	1554.7889	4.180631853	0.0043	LSKYQASTSNTVSK	Acetyl (K)	0.0010000000000.0
430	IPI00136107	Protein NDRG3	643.4268	1.865014016	0.0095	LKTLK	Acetyl (K)	0.01000.0
431	IPI00136683	Acyl-coenzyme A thioesterase 2, mitochondrial precursor	1403.7521	3.490644823	0.09	SALRDEKGALFR	Acetyl (K)	0.0000010000.0
432	IPI00137866	Isoform 3A of Syntaxin-3	1558.6933	4.490941226	0.0032	SMEKHIEEDEVR	Acetyl (K); Oxidation (M)	0.0201000000.0
433	IPI00138238	Prefoldin subunit 6	1662.9668	-1.743871255	4.80E-05	LLGPVLVKQELGEAR	Acetyl (K)	0.0000001000000.0
434	IPI00138892, IPI001	Uba52 protein	1306.7319	7.80573276	3.70E-05	MQIFVKTLTGK	Acetyl (K)	0.0000010000.0
435	IPI00470152, IPI001	ribosomal protein S27a	1322.7268	3.931272883	0.00045	MQIFVKTLTGK	Acetyl (K); Oxidation (M)	0.2000010000.0
436	IPI00139788	Serotransferrin precursor	1535.8348	7.748229172	0.021	DLLFKDSAFGLLR	Acetyl (K)	0.0000100000000.0
437	IPI00153400	H2afj protein	1341.6888	5.440904031	0.017	NDEELNKLLGR	Acetyl (K)	0.0000010000.0
438	IPI00153756	Tspan8 protein	1664.7893	8.109134291	0.0063	LLSDNTDEAKDFQK	Acetyl (K)	0.0000000010000.0
439	IPI00154047	3-hydroxyisobutyryl-Coenzyme A hydrolase	1268.6976	4.650438371	0.0033	AVLIDKDQTPK	Acetyl (K)	0.0000100000.0
440	IPI00169707, IPI004	Tropomyosin 3, gamma	1600.8559	2.998396046	0.015	LEKTIDDLEDKLK	Acetyl (K)	0.0010000000000.0
441	IPI00169707, IPI004	Tropomyosin 3, gamma	1856.9016	1.400181894	0.061	HIAEEADRKYEEVAR	Acetyl (K)	0.0000000101000000.0
442	IPI00170051	Co-chaperone protein HscB, mitochondrial precursor	2487.1554	4.945408719	0.0074	QKEFTDNINSAFEQGDFEKAK	Acetyl (K)	0.00000000000000000000100.0
443	IPI00170093	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial preci	1783.8298	-0.784828239	0.00073	YVNKKEQESEVDMK	Acetyl (K); Oxidation (M)	0.0001000000020.0
444	IPI00187468	Isoform 4 of Inhibitor of growth protein 4	1372.647	2.25841021	0.0024	SKGKNSDEEAPK	2 Acetyl (K)	0.0101000000000.0
445	IPI00187468	Isoform 4 of Inhibitor of growth protein 4	1828.8326	2.56994544	1.10E-08	QIESSDYDSSSSKGKK	2 Acetyl (K)	0.0000000000001010.0
446	IPI00221769	GTP:AMP phosphotransferase mitochondrial	1056.5968	2.744660972	0.079	ITKHFELK	Acetyl (K)	0.00100000.0
447	IPI00221769	GTP:AMP phosphotransferase mitochondrial	1692.8947	0.708845033	0.014	HFELKHLSSGDLLR	Acetyl (K)	0.0000100000000.0
448	IPI00221769	GTP:AMP phosphotransferase mitochondrial	1905.9506	4.826987646	0.0082	TFIDQGKLIPDDVMTR	Acetyl (K); Oxidation (M)	0.0000001000000200.0
449	IPI00221769	GTP:AMP phosphotransferase mitochondrial	1999.9891	-1.80000981	4.80E-05	AYEAQTEPVLQYYQKK	Acetyl (K)	0.0000000000000010.0
450	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2035.1214	4.913711782	1.90E-07	ITKHFELKHLSSGDLLR	Acetyl (K)	0.0000001000000000.0
451	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2035.1214	5.257671606	0.04	ITKHFELKHLSSGDLLR	Acetyl (K)	0.0010000000000000.0
452	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2077.132	5.632766719	2.50E-05	ITKHFELKHLSSGDLLR	2 Acetyl (K)	0.0010000100000000.0
453	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2113.0731	5.820906054	3.40E-06	LKAYEAQTEPVLQYYQK	Acetyl (K)	0.0100000000000000.0
454	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2539.3257	9.215044766	0.036	LALHELKTLTQCSWLLDGFPR	Acetyl (K)	0.0000001000000000000.0
455	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2822.4549	9.637000754	0.051	TVGIDDLTGEPLIQREDDKPETVIK	Acetyl (K)	0.0000000000000000001000000.0
456	IPI00221769	GTP:AMP phosphotransferase mitochondrial	2978.556	14.90655203	0.022	TVGIDDLTGEPLIQREDDKPETVIKR	Acetyl (K)	0.0000000000000000000000010.0
457	IPI00221890	Carbonic anhydrase 3	2340.1022	-3.461387285	5.90E-05	DIKHDPSLQPWSASYDPGSAK	Acetyl (K)	0.0010000000000000000.0
458	IPI00221890	Carbonic anhydrase 3	2421.2944	12.01836505	0.00071	YNTFGEALKQPDGIAVVGIFLK	Acetyl (K)	0.0000000100000000000.0
459	IPI00222419	Cytochrome c, somatic	1075.6277	3.346882941	0.0003	ADLIAYLKK	Acetyl (K)	0.000000010.0
460	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	1075.5087	2.324481429	0.014	AKWDSWNK	Acetyl (K)	0.01000000.0
461	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	1260.6251	0.872582975	0.047	GKAKWDSWNK	Acetyl (K)	0.0001000000.0
462	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	1264.6551	2.372188275	0.011	TYVEKVDELK	Acetyl (K)	0.0000100000.0
463	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	1316.6877	2.430340923	0.084	AKWDSWNKLK	Acetyl (K)	0.0100000000.0
464	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	1392.75	2.369413032	0.0031	TYVEKVDELKK	Acetyl (K)	0.0000010000.0
465	IPI00222430, IPI006	diazepam binding inhibitor isoform 1	2138.1331	1.730481606	5.70E-06	QATVGDVNTDRPGLLDLKGK	Acetyl (K)	0.0000000000000000100.0
466	IPI00222767	Pyruvate dehydrogenase protein X component, mitochondrial precursor	2036.0287	5.25532867	2.70E-05	NILEKHSLDASQGTATGPR	Acetyl (K)	0.0000100000000000000.0
467	IPI00223016, IPI002	Isoform B3e16 of Troponin T, fast skeletal muscle	857.4606	1.282857778	0.058	LAEEKAR	Acetyl (K)	0.0000100.0
468	IPI00223016	Isoform B3e16 of Troponin T, fast skeletal muscle	1210.6016	1.652071169	0.0032	QKYDIMTVR	Acetyl (K); Oxidation (M)	0.0100020000.0
469	IPI00223016, IPI002	Isoform B3e16 of Troponin T, fast skeletal muscle	1673.8148	6.930276874	0.0027	IPEGEKVDFDDIQK	Acetyl (K)	0.0000010000000.0
470	IPI00223016, IPI002	Isoform B3e16 of Troponin T, fast skeletal muscle	1861.017	1.880692116	0.017	RKPLNIDHLSDDKLR	Acetyl (K)	0.0000000000100.0
471	IPI00223196	Troponin I, fast skeletal muscle	1754.792	10.08666554	0.062	IDVAEEEKYDMEVK	Acetyl (K); Oxidation (M)	0.0000001002000.0
472	IPI00223197	Troponin I, cardiac muscle	1347.6452	5.045838474	0.00018	KNIDALSGMEGR	Acetyl (K); Oxidation (M)	0.1000000020000.0
473	IPI00223216	Thiosulfate sulfurtransferase	1514.8456	2.574519806	2.30E-06	ALVSTKWLAESIR	Acetyl (K)	0.0000010000000.0
474	IPI00223377	Isoform 4 of Myelin basic protein	1841.8485	1.08586564	0.0002	FSWGAEGQKPGFGYGGR	Acetyl (K)	0.0000000100000000.0
475	IPI00223377	Isoform 4 of Myelin basic protein	2182.1171	9.715335625	0.00015	TQDENPVVHFFKNIVTPR	Acetyl (K)	0.0000000000001000000.0
476	IPI00224210	Ubiquinol-cytochrome c reductase complex ubiquinone-binding protein QP-C	1736.925	3.914964665	6.10E-05	AFPSYFSKGIPNVLR	Acetyl (K)	0.0000001000000.0
477	IPI00224251	similar to Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing p	1669.7849	3.593277194	0.0011	SSGPYGGGGQYFAKPR	Acetyl (K)	0.0000000000000100.0
478	IPI00224456	Isoform 1 of Sarcalumenin precursor	2010.0938	2.28845042	0.0015	FGQNFLEKLIGIEVPHK	Acetyl (K)	0.0000001000000000.0
479	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1197.6605	2.755371827	0.092	VLDPEGKGTIK	Acetyl (K)	0.0000010000.0
480	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1214.6143	3.375557162	0.046	DGIIDKEDLR	Acetyl (K)	0.0000010000.0
481	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1325.7554	2.941719113	0.0082	VLDPEGKGTIKK	Acetyl (K)	0.0000010000.0
482	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1575.7636	4.696135892	1.50E-05	LNVKNEELDAMMK	Acetyl (K)	0.0001000000000.0
483	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1591.7585	3.204003622	4.20E-06	LNVKNEELDAMMK	Acetyl (K); Oxidation (M)	0.0001000000020.0
484	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1591.7585	4.837417234	0.00013	LNVKNEELDAMMK	Acetyl (K); Oxidation (M)	0.0001000000200.0
485	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1601.8301	4.807001691	0.025	LKGADPEDVITGAFK	Acetyl (K)	0.0100000000000.0
486	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1607.7534	1.492766241	0.0034	LNVKNEELDAMMK	Acetyl (K); 2 Oxidation (M)	0.0001000000220.0
487	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	1803.8098	5.654698184	0.091	NICYVITHGDAKDQE	Acetyl (K)	0.0000000000001000.0
488	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	2079.9895	2.16347246	0.0065	DGIIDKEDLRDTFAAMGR	Acetyl (K); Oxidation (M)	0.0000010000000000200.0
489	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	2099.0423	10.38568875	0.031	GADPEDVITGAFKVLDPEGK	Acetyl (K)	0.0000000000001000000.0
490	IPI00224549	Myosin regulatory light chain 2, skeletal muscle isoform	2388.1921	4.438503921	0.0095	EAFTVIDQNRDGIIDKEDLR	Acetyl (K)	0.0000000000000010000.0
491	IPI00225288	13 days embryo heart cDNA, RIKEN full-length enriched library, clone:D33002	1432.7561	3.00120865	0.036	QLIEATNEFAKK	Acetyl (K)	0.0000000000010.0
492	IPI00226397	Gem-associated protein 5	888.5069	3.714096086	0.1	LSQFKPK	Acetyl (K)	0.0000100.0
493	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	1124.6091	1.244876998	0.023	KHNFTPLAR	Acetyl (K)	0.100000000.0
494	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	1166.6336	2.400068025	0.023	FGTKFGLDLK	Acetyl (K)	0.0001000000.0
495	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	2037.0023	-1.17820191	1.70E-07	LPMGMTAENLAAKYNISR	Acetyl (K); Oxidation (M)	0.0000200000000100000.0
496	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	2037.0023	-3.289146998	2.40E-06	LPMGMTAENLAAKYNISR	Acetyl (K); Oxidation (M)	0.0020000000000100000.0
497	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	2052.9972	0.58451127	2.10E-05	LPMGMTAENLAAKYNISR	Acetyl (K); 2 Oxidation (M)	0.0020200000000100000.0
498	IPI00226430	3-ketoacyl-CoA thiolase, mitochondrial	2440.2638	2.909521503	0.0018	FGLDLKLEDTLWAGLTDQHVK	Acetyl (K)	0.0000010000000000000000.0
499	IPI00226993	Thioredoxin	1931.984	4.865464724	0.0091	LIESKEAFQEALAAAGDK	Acetyl (K)	0.0000100000000000000.0
500	IPI00227445	Isoform 2 of 4-aminobutyrate aminotransferase, mitochondrial precursor	1706.8549	-0.175761865	0.0059	CLEEVEDLIVKYR	Acetyl (K)	0.0000000000100.0
501	IPI00227850	Isoform ARPP-19 of cAMP-regulated phosphoprotein 19	1680.709	4.045911577	0.0021	GQKYFDSGDYNMAK	Acetyl (K); Oxidation (M)	0.0010000000200.0
502	IPI00227871	very large inducible GTPase 1	643.4268	1.865014016	0.0095	LKTIK	Acetyl (K)	0.01000.0
503	IPI00228150	Isoform 1 of Mitochondrial inner membrane protein	2125.0215	13.45868736	0.022	VQEQELKYEFEQGLSEK	Acetyl (K)	0.0000001000000000.0
504	IPI00228497, IPI001	Isoform 2 of Cob	1615.861	6.002991594	0.021	WIDKYSSQLPPLK	Acetyl (K)	0.0001000000000.0
505	IPI00228583	Myotrophin	2177.0236	5.558047235	0.00031	NGDLDEVKDYVAKGEDVNR	Acetyl (K)	0.0000000000001000000.0
506	IPI00228757	Isoform Short of Thymosin beta-4	1303.5965	2.991723282	0.041	SDKPDMAEIEK	Acetyl (K)	0.0010000000.0
507	IPI00228757	Isoform Short of Thymosin beta-4	1319.5915	3.561708301	0.028	SDKPDMAEIEK	Acetyl (K); Oxidation (M)	0.0010020000.0
508	IPI00228757	Isoform Short of Thymosin beta-4	1693.7869	0.944628867	0.07	SDKPDMAEIEKFDK	Acetyl (K)	0.0010000000000.0
509	IPI00228757	Isoform Short of Thymosin beta-4	1709.7818	7.661796377	0.0086	SDKPDMAEIEKFDK	Acetyl (K); Oxidation (M)	0.0010020000000.0
510	IPI00228757	Isoform Short of Thymosin beta-4	1950.9244	7.996209387	0.068	SDKPDMAEIEKFDKSK	2 Acetyl (K)	0.0010000000000100.0
511	IPI00228757	Isoform Short of Thymosin beta-4	1966.9193	-1.271023168	0.058	SDKPDMAEIEKFDKSK	2 Acetyl (K); Oxidation (M)	0.0010020000000100.0

512	IPI00229055	Isoform A5e17 of Troponin T, fast skeletal muscle	1178.6295	1.612041782	0.037	QKYDITTLR	Acetyl (K)	0.010000000.0
513	IPI00229598	Isoform CNPI of 2~,3~-cyclic-nucleotide 3~-phosphodiesterase	953.5909	1.677868361	0.014	KLKPGLEK	Acetyl (K)	0.00100000.0
514	IPI00229598	Isoform CNPI of 2~,3~-cyclic-nucleotide 3~-phosphodiesterase	2453.3399	6.847807758	0.029	LKPGLEKDFLPLYFGWFLTK	Acetyl (K)	0.0100000000000000000.0
515	IPI00229818	Adult male testis cDNA, RIKEN full-length enriched library, clone:4921517J23	982.6175	1.221227996	0.052	IKEKILR	2 Acetyl (K)	0.0101000.0
516	IPI00230002	phosphoglycerate kinase 1	3292.6835	-3.553332715	0.0011	SVVLMSHLGRPDGVPMPDKYSLEPVAAELK	Acetyl (K); Oxidation (M)	0.00000000000000200100000000000.0
517	IPI00230002	phosphoglycerate kinase 1	3308.6785	1.692518629	0.00035	SVVLMSHLGRPDGVPMPDKYSLEPVAAELK	Acetyl (K); 2 Oxidation (M)	0.00002000000000020010000000000.0
518	IPI00230074	Oral-facial-digital syndrome 1 gene homolog	774.4123	1.678692345	0.059	KEELSK	Acetyl (K)	0.1000000.0
519	IPI00230108	protein disulfide isomerase associated 3	1209.6717	2.232010553	0.038	TADGIVSHLKK	Acetyl (K)	0.00000000010.0
520	IPI00230113	Cytochrome b5	1822.9101	1.590862874	0.0014	YYTLEEIQKHKDSK	Acetyl (K)	0.0000000100000.0
521	IPI00230113	Cytochrome b5	1881.0149	5.688418523	5.90E-05	STWVILHHKVYDLTK	Acetyl (K)	0.0000000001000000.0
522	IPI00230113	Cytochrome b5	1926.9687	9.289201221	0.0012	ELSKTYIIGELHPDDR	Acetyl (K)	0.0001000000000000.0
523	IPI00230113	Cytochrome b5	2198.0742	4.822403175	0.00093	AGQSDKDVKYYTLEEIQK	2 Acetyl (K)	0.0000010010000000.0
524	IPI00230113	Cytochrome b5	2272.1375	9.682512612	0.056	VYDLTKFLEEHPGGEEVLR	Acetyl (K)	0.0000010000000000000.0
525	IPI00230212	Glutathione S-transferase Mu 1	1498.8395	1.801393678	0.092	QKPEFLKTIPEK	Acetyl (K)	0.0000001000000.0
526	IPI00230418	Visinin-like protein 1	1526.7001	7.139581638	0.011	TFDKNGDGTIDFR	Acetyl (K)	0.0001000000000.0
527	IPI00230422	B-cell receptor-associated protein 31	1173.6605	4.686193324	0.0039	KLKDELASTK	Acetyl (K)	0.0010000000.0
528	IPI00230427	Macrophage migration inhibitory factor	1579.8028	1.265980792	4.10E-05	NYSKLLCGLLSDR	Acetyl (K)	0.0001000000000.0
529	IPI00230507	ATP synthase D chain, mitochondrial	777.4384	3.987454183	0.077	KYNALK	Acetyl (K)	0.100000.0
530	IPI00230507	ATP synthase D chain, mitochondrial	1348.6874	1.705361821	0.028	IQEYEKQLEK	Acetyl (K)	0.0000010000.0
531	IPI00230507	ATP synthase D chain, mitochondrial	1597.8715	8.198406443	0.0025	KYNALKIPVPEDK	2 Acetyl (K)	0.1000010000000.0
532	IPI00230507	ATP synthase D chain, mitochondrial	1671.8832	2.033634885	0.012	ANVAKPGLVDDFEKK	Acetyl (K)	0.0000000000000010.0
533	IPI00230507	ATP synthase D chain, mitochondrial	1707.8203	3.279033514	0.00061	YTALVDQEEKEDVK	Acetyl (K)	0.0000000010000.0
534	IPI00230507	ATP synthase D chain, mitochondrial	1713.8937	3.8508806	0.076	ANVAKPGLVDDFEKK	2 Acetyl (K)	0.0000010000000010.0
535	IPI00230507	ATP synthase D chain, mitochondrial	1725.8515	2.375638924	0.029	KYPYWPHQPIENL	Acetyl (K)	0.1000000000000.0
536	IPI00230507	ATP synthase D chain, mitochondrial	1853.9464	2.535132623	0.0081	KKYPYWPHQPIENL	Acetyl (K)	0.0100000000000.0
537	IPI00230507	ATP synthase D chain, mitochondrial	1895.957	4.114017354	0.055	KKYPYWPHQPIENL	2 Acetyl (K)	0.1100000000000.0
538	IPI00230507	ATP synthase D chain, mitochondrial	2015.0099	6.997484231	0.00072	IPVPEDKYTALVDQEEK	Acetyl (K)	0.0000001000000000.0
539	IPI00230507	ATP synthase D chain, mitochondrial	2021.0258	-7.91677177	0.052	LASLSEKPPAIDWAYYR	Acetyl (K)	0.0000001000000000.0
540	IPI00230507	ATP synthase D chain, mitochondrial	2261.2055	-2.211209906	0.00023	ANVAKPGLVDDFEKKYNALK	Acetyl (K)	0.0000000000001000000.0
541	IPI00230507	ATP synthase D chain, mitochondrial	2261.2055	4.599316603	0.02	ANVAKPGLVDDFEKKYNALK	Acetyl (K)	0.0000000000000100000.0
542	IPI00230507	ATP synthase D chain, mitochondrial	2486.2428	-1.287082661	3.10E-05	IPVPEDKYTALVDQEEKEDVK	Acetyl (K)	0.0000001000000000000.0
543	IPI00230507	ATP synthase D chain, mitochondrial	2486.2428	2.011066658	0.0031	IPVPEDKYTALVDQEEKEDVK	Acetyl (K)	0.0000000000000010000.0
544	IPI00230507	ATP synthase D chain, mitochondrial	2528.2533	14.3181856	0.0031	IPVPEDKYTALVDQEEKEDVK	2 Acetyl (K)	0.0000001000000010000.0
545	IPI00230706	Phosphoglycerate mutase 2	1671.858	2.571988769	7.50E-06	HYGGLTGLNKAETAAK	Acetyl (K)	0.0000000001000000.0
546	IPI00230730	Histone H3.2	984.5352	1.625132347	0.089	KSTGGKAPR	2 Acetyl (K)	0.100001000.0
547	IPI00230730	Histone H3.2	1376.6936	2.106496318	0.00042	EIAQDFKTDLR	Acetyl (K)	0.0000010000.0
548	IPI00230760	Myoglobin	963.5025	1.764396045	0.034	NDIAAKYK	Acetyl (K)	0.00001100.0
549	IPI00230760	Myoglobin	982.476	8.040908887	0.01	YKELGFQG	Acetyl (K)	0.01000000.0
550	IPI00230760	Myoglobin	1594.7991	3.824933184	0.0013	NDIAAKYKELGFQG	Acetyl (K)	0.0000010000000.0
551	IPI00230760	Myoglobin	1594.7991	2.131929972	0.0098	NDIAAKYKELGFQG	Acetyl (K)	0.0000001000000.0
552	IPI00230760	Myoglobin	1646.8304	4.79709386	0.00038	THPETLDKFDKFK	Acetyl (K)	0.0000000100000.0
553	IPI00230760	Myoglobin	1646.8304	0.121445414	0.0084	THPETLDKFDKFK	Acetyl (K)	0.0000000000100.0
554	IPI00230760	Myoglobin	1652.9284	4.658398997	0.01	HGCTVLTALGTILKK	Acetyl (K)	0.0000000000000010.0
555	IPI00230760	Myoglobin	1692.9198	5.434398015	0.097	ALELFRNDIAAKYK	Acetyl (K)	0.0000000000100.0
556	IPI00230760	Myoglobin	2249.0535	9.114945465	0.064	HSGDFGADAQGAMSKALELFR	Acetyl (K)	0.0000000000000001000000.0
557	IPI00230766	Parvalbumin alpha	1138.6209	6.674741347	0.017	FFQMVGLKK	Acetyl (K)	0.000000010.0
558	IPI00230766	Parvalbumin alpha	1138.6209	5.884311451	0.11	KFFQMVGLK	Acetyl (K)	0.100000000.0
559	IPI00230766	Parvalbumin alpha	1154.6158	1.992004613	0.06	FFQMVGLKK	Acetyl (K); Oxidation (M)	0.000200010.0
560	IPI00230766	Parvalbumin alpha	1154.6158	3.464355849	0.07	KFFQMVGLK	Acetyl (K); Oxidation (M)	0.100020000.0
561	IPI00230766	Parvalbumin alpha	1155.6288	4.759313717	0.0024	VFHILDKDK	Acetyl (K)	0.000000100.0
562	IPI00230766	Parvalbumin alpha	1283.7238	2.804341557	0.092	KVFHILDKDK	Acetyl (K)	0.0000000100.0
563	IPI00230766	Parvalbumin alpha	1589.7838	1.069327792	0.0028	AIGAFAAADSFDHKK	Acetyl (K)	0.0000000000000010.0
564	IPI00230766	Parvalbumin alpha	2298.1015	2.393279844	0.00024	SGFIEEDELGSILKGFSSDAR	Acetyl (K)	0.0000000000000100000000.0
565	IPI00230766	Parvalbumin alpha	2673.3901	12.00722633	4.20E-05	VFHILDKDKSGFIEEDELGSILK	Acetyl (K)	0.0000000100000000000000.0
566	IPI00261627	Succinyl-CoA ligase [ADP-forming] beta-chain, mitochondrial precursor	1223.6033	6.292889207	0.00011	SSDEAYAIAKK	Acetyl (K)	0.0000000010.0
567	IPI00263863	10 kDa heat shock protein, mitochondrial	1076.6019	-0.8359636	0.026	KFLPLFDR	Acetyl (K)	0.10000000.0
568	IPI00263863	10 kDa heat shock protein, mitochondrial	1165.5503	0.514778298	0.009	DSDILGKYVD	Acetyl (K)	0.0000001000.0
569	IPI00263863	10 kDa heat shock protein, mitochondrial	1484.7722	0.538803191	8.50E-05	SGEIEPVSVKVGDK	Acetyl (K)	0.0000000010000.0
570	IPI00263863	10 kDa heat shock protein, mitochondrial	1516.8137	8.636525369	0.00083	VGDKVLLPEYGGTK	Acetyl (K)	0.0001000000000.0
571	IPI00263863	10 kDa heat shock protein, mitochondrial	1669.8887	-1.197684612	0.044	GKSGEIEPVSVKVGDK	Acetyl (K)	0.0000000000010000.0
572	IPI00263863	10 kDa heat shock protein, mitochondrial	2542.353	11.48542315	0.00025	SGEIEPVSVKVGDKVLLPEYGGTK	Acetyl (K)	0.0000000001000000000000.0
573	IPI00264053	similar to Myosin light polypeptide 6	1763.8512	3.911894609	1.20E-05	VFDKEGNGTVMGAEIR	Acetyl (K)	0.0001000000000000.0
574	IPI00264053, IPI00	similar to Myosin light polypeptide 6	1779.8461	-0.393292431	0.011	VFDKEGNGTVMGAEIR	Acetyl (K); Oxidation (M)	0.0001000000200000.0
575	IPI00270767	Isoform 2 of Reticulon-4	2056.9418	2.722488308	0.015	EEYADFKPFEQAWEVK	Acetyl (K)	0.0000001000000000.0
576	IPI00272033	Histone H2A type 2-C	1313.6826	5.556897838	0.0016	NDEELNKLLGK	Acetyl (K)	0.0000010000.0
577	IPI00274407	Isoform 1 of Elongation factor Tu, mitochondrial precursor	2186.1623	3.064731287	0.026	DLDKPFLLPVESVYSIPGR	Acetyl (K)	0.0001000000000000000.0
578	IPI00278611, IPI00	Isoform 1 of Tropomyosin alpha-3 chain	1500.7857	4.064537662	0.0015	MELQEIQLKEAK	Acetyl (K)	0.0000000010000.0
579	IPI00278611, IPI00	Isoform 1 of Tropomyosin alpha-3 chain	1689.8131	8.580830626	0.041	DEEKMELQEIQLK	Acetyl (K); Oxidation (M)	0.0001200000000.0
580	IPI00278611, IPI00	Isoform 1 of Tropomyosin alpha-3 chain	1835.904	6.4818204	0.0097	EDKYEEEIKILTDK	2 Acetyl (K)	0.0010000100000.0
581	IPI00278611, IPI00	Isoform 1 of Tropomyosin alpha-3 chain	2002.0292	-5.194729428	0.05	ALKDEEKMELQEIQLK	Acetyl (K); Oxidation (M)	0.0000001200000000.0
582	IPI00283531, IPI00	Glutathione S-transferase P 2	2176.164	12.68286765	0.059	ALPGHLKPFETLLSQNQGGK	Acetyl (K)	0.0000001000000000000.0
583	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1383.7358	3.179797762	0.00078	ALGTNPTNAEVKK	Acetyl (K)	0.0000000000010.0
584	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1404.7864	5.694815952	7.50E-06	IDLSAIKIEFSK	Acetyl (K)	0.0000000100000.0
585	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1568.7358	4.525937382	0.0002	IEFSKEQQEDFK	Acetyl (K)	0.0000010000000.0
586	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1587.7562	3.904881618	0.00031	VLGNPSNEEMNAKK	Acetyl (K); Oxidation (M)	0.0000000020010.0
587	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1816.9353	3.632490381	8.90E-08	TGECKITLSQVGDVLR	Acetyl (K)	0.0000100000000000.0
588	IPI00312700	Myosin light chain 1, skeletal muscle isoform	1955.9265	10.48096644	9.50E-06	EQQEDFKEAFLLFDR	Acetyl (K)	0.0000001000000000.0
589	IPI00312700	Myosin light chain 1, skeletal muscle isoform	2246.2422	0.534225561	0.0043	KPAAAPAPAPAPAPAPAKPKEEK	Acetyl (K)	0.0000000000000000100000.0
590	IPI00312700	Myosin light chain 1, skeletal muscle isoform	2560.2485	8.788209426	0.0097	IEFSKEQQEDFKEAFLLFDR	Acetyl (K)	0.0000100000000000000.0
591	IPI00312700	Myosin light chain 1, skeletal muscle isoform	2560.2485	7.811741712	0.017	IEFSKEQQEDFKEAFLLFDR	Acetyl (K)	0.0000000000010000000.0
592	IPI00312700	Myosin light chain 1, skeletal muscle isoform	3674.7385	-4.925520551	0.0094	KIEFEQFLPMMQAISNNKDQGGYEDFVEGLR	Acetyl (K)	0.1000000000000000000000000000000000.0
593	IPI00314240	Isoform HMG-I of High mobility group protein HMG-I/HMG-Y	1243.6408	3.537999075	0.083	SSQPLASKQEK	Acetyl (K)	0.0000000100.0
594	IPI00314538	Tubulointerstitial nephritis antigen	1728.8682	6.015496149	1.90E-05	HVVSTNEEPEKYKK	Acetyl (K)	0.0000000000010.0
595	IPI00315463	Receptor expression enhancing protein 5	2149.2259	6.793143522	0.041	IIRPIFLKHESQVDSVVK	Acetyl (K)	0.0000001000000000.0
596	IPI00316491, IPI00	Hemoglobin subunit beta-2	1477.8041	4.736757734	0.0013	VVAGVATALAHKYH	Acetyl (K)	0.0000000000100.0
597	IPI00316491	Hemoglobin subunit beta-2	2356.1481	-1.145938152	8.00E-08	SAVSCLWAKVNPDEVGGEALGR	Acetyl (K)	0.0000000100000000000.0
598	IPI00316491, IPI00	Hemoglobin subunit beta-2	2453.3067	7.907694541	0.02	DFTPAAQAAFQKVVAGVATALAHK	Acetyl (K)	0.0000000000100000000000.0
599	IPI00316491, IPI00	Hemoglobin subunit beta-2	2613.2282	2.908280264	0.11	GTFASLSELHCDKLHVDPENFR	Acetyl (K)	0.0000000000001000000000.0
600	IPI00316491	Hemoglobin subunit beta-2	3249.6088	-1.907921963	0.00016	VHLTDAEKSAVSCLWAKVNPDEVGGEALGR	Acetyl (K)	0.0000000000000001000000000000.0
601	IPI00317309	Annexin A5	1473.7562	11.80656611	0.021	DLVDDLKSELTGK	Acetyl (K)	0.0000001000000.0
602	IPI00318614	Isoform 2 of Isocitrate dehydrogenase [NADP], mitochondrial precursor	1470.7395	6.32334958	0.028	FKDIFQEIFDK	Acetyl (K)	0.0100000000.0
603	IPI00318614	Isoform 2 of Isocitrate dehydrogenase [NADP], mitochondrial precursor	1478.8609	3.448600203	0.082	LVPGWTKPITIGR	Acetyl (K)	0.0000001000000.0
604	IPI00318614	Isoform 2 of Isocitrate dehydrogenase [NADP], mitochondrial precursor	1898.9567	5.05540753	0.039	FKDIFQEIFDKHYK	Acetyl (K)	0.0000000001000.0
605	IPI00318614	Isoform 2 of Isocitrate dehydrogenase [NADP], mitochondrial precursor	2238.2307	6.076227978	0.0011	NILGGTVFREPIICKNIPR	Acetyl (K)	0.0000000000000010000.0
606	IPI00318901	10, 11 days embryo whole body cDNA, RIKEN full-length enriched library, clo	1793.8618	8.027374238	0.0032	VFDKESNGTVMGAELR	Acetyl (K)	0.0001000000000000.0
607	IPI00319509	Aminopeptidase N	1615.8167	12.13008877	2.80E-05	MLSSFLTEDLFKK	Acetyl (K); Oxidation (M)	0.2000000000010.0
608	IPI00319652	Glutathione peroxidase 1	1469.6456	1.63304677	0.019	DYTEMNDLQKR	Acetyl (K); Oxidation (M)	0.0000200010.0
609	IPI00319652	Glutathione peroxidase 1	2815.3276	5.967333961	0.0036	YVRPGGGFEPNFTLFEKCEVNGEK	Acetyl (K)	0.0000000000000001000000.0
610	IPI00319992	78 kDa glucose-regulated protein precursor	1364.7162	2.344809859	0.078	VMEHFIKLYK	Acetyl (K); Oxidation (M)	0.0200001000.0
611	IPI00319992	78 kDa glucose-regulated protein precursor	1569.7497	3.503743304	0.0016	AKFEELNMDLFR	Acetyl (K); Oxidation (M)	0.0100002000.0
612	IPI00321978	Ran-specific GTPase-activating protein (Fragment)	1350.6932	-0.222108174	0.03	FLNAENAQKFK	Acetyl (K)	0.0000000100.0
613	IPI00322931	Adult male tongue cDNA, RIKEN full-length enriched library, clone:2310022K(	1597.8252	3.567348919	1.70E-05	AKWDAWNALGSLPK	Acetyl (K)	0.0100000000000.0
614	IPI00329998, IPI00	10 days embryo whole body cDNA, RIKEN full-length enriched library, clone:2	926.5297	1.618944325	0.014	GLGKGGAKR	2 Acetyl (K)	0.0001000010.0
615	IPI00331066	Calbindin	1928.1135	9.594870841	0.037	LLPVQENFLLKFQGIK	Acetyl (K)	0.0000000000100000.0
616	IPI00331146	8 days embryo whole body cDNA, RIKEN full-length enriched library, clone:57	1561.7624	3.649722903	0.006	KNPDSQYGELIEK	Acetyl (K)	0.1000000000000.0
617	IPI00331214	Platelet glycoprotein 4	2140.1205	10.32652133	0.0073	TYLDVEPITGFTLQFAKR	Acetyl (K)	0.0000000000000000010.0
618	IPI00331241	Glutathione S-transferase A3	1101.5931	2.178662884	0.087	KFLQPGSQR	Acetyl (K)	0.100000000.0
619	IPI00331241	Glutathione S-transferase A3	1282.6961	3.89803945	0.0015	YFPAFEKVLK	Acetyl (K)	0.0000001000.0
620	IPI00331241	Glutathione S-transferase A3	1400.7201	3.141241423	0.094	AGKPVLHYFDGR	Acetyl (K)	0.0010000000000.0
621	IPI00331241	Glutathione S-transferase A3	1552.8402	2.189536309	0.0083	NRYFPAFEKVLK	Acetyl (K)	0.0000000001000.0
622	IPI00331241	Glutathione S-transferase A3	1626.8478	0.12293713	0.00015	VLKSHGQDYLVGNR	Acetyl (K)	0.0010000000000.0
623	IPI00331241	Glutathione S-transferase A3	1771.9508	4.176188188	9.90E-07	AILNYIASKYNLYGK	Acetyl (K)	0.0000000001000000.0
624	IPI00331332	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	1252.7179	-0.798264318	0.0021	TLDILKHFPK	Acetyl (K)	0.0000010000.0
625	IPI00331332	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	1294.6405	4.171042077	0.00061	KYTEQITNEK	Acetyl (K)	0.1000000000.0
626	IPI00331332	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	1896.9502	-0.896175345	4.70E-05	KYTEQITNEKLDMVK	Acetyl (K); Oxidation (M)	0.1000000000200.0
627	IPI00331332	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	2408.1781	2.574560411	0.01	YTEQITNEKLDMVKAEPDVK	Acetyl (K); Oxidation (M)	0.0000000000201000000.0
628	IPI00331442	Peptide methionine sulfoxide reductase	1379.7296	3.406464571	0.037	SKEEYQKVLSK	Acetyl (K)	0.0000010000.0
629	IPI00331463	Adult male small intestine cDNA, RIKEN full-length enriched library, clone:20	955.545	7.639619275	0.084	LQKQIER	Acetyl (K)	0.0010000.0
630	IPI00331555	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched libra	2040.933	-0.048997199	0.00011	HLQTYGEHYPLDHFDK	Acetyl (K)	0.0000000000000001.0
631	IPI00331555	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched libra	2128.9814	2.34854095	0.00023	SVDEVNYWDKQDHPISR	Acetyl (K)	0.0000000010000000.0
632	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	791.4541	7.707332617	0.014	FKLNTK	Acetyl (K)	0.010000.0
633	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1248.6615	5.445831396	0.035	IGKFPFAANSR	Acetyl (K)	0.00100000000.0
634	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1336.6366	1.945180912	0.037	LNLEKMMEQK	Acetyl (K); 2 Oxidation (M)	0.0000122000.0
635	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1390.782	5.824061571	0.00014	FKLNTKVTGATK	2 Acetyl (K)	0.0100010000000.0
636	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1521.7861	4.074159962	0.00045	SAQLGFKTVCIEK	Acetyl (K)	0.0000001000000.0
637	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1538.8569	0.0649833	0.00032	ALTGGIAHLFKQNK	Acetyl (K)	0.0000000001000.0
638	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1606.7726	5.663526998	0.00047	SEEQLKEEGIEFK	Acetyl (K)	0.0000010000000.0
639	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	1690.9519	3.548297264	0.0012	HSAVKALTGGIAHLFK	Acetyl (K)	0.0000100000000000.0

640	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	2103.1589	2.282281191	0.058	HSAVKALTGGIAHLFKQNK	2 Acetyl (K)	0.000010000000001000.0
641	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	2518.3809	5.717959503	0.0027	ALTGGIAHLFKQNKVVHVNGFGK	2 Acetyl (K)	0.000000000010010000000.0
642	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	2524.3512	6.259034004	0.03	FQTKIPNIYAGDVVAGPMLAHK	Acetyl (K)	0.000100000000000000000.0
643	IPI00331564	TIB-55 B888 cDNA, RIKEN full-length enriched library, clone:I730035F24 prod	2540.3461	3.149177193	0.049	FQTKIPNIYAGDVVAGPMLAHK	Acetyl (K); Oxidation (M)	0.000100000000000000020.0
644	IPI00337893	Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitoch	1459.7704	3.151180487	0.032	SKSDPIMLLKDR	Acetyl (K); Oxidation (M)	0.000000200100.0
645	IPI00338536	Succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial pre	1079.6491	3.33441671	0.0036	IKKFAIYR	Acetyl (K)	0.00100000.0
646	IPI00338745	Nonhistone chromosomal protein HMG-14	1184.6037	1.519495507	0.081	VSADGAAKAEPK	Acetyl (K)	0.000000010000.0
647	IPI00338785	laminin B1 subunit 1	1351.6507	-2.071541116	0.0047	TLDGELDEKYK	Acetyl (K)	0.000000001000.0
648	IPI00338785	laminin B1 subunit 1	2096.1477	4.579829942	1.40E-09	TLAAQANSKLQLLEDLER	Acetyl (K)	0.000000001000000000.0
649	IPI00344004	NADH dehydrogenase (Ubiquinone) 1 alpha subcomplex, 12	1334.5778	4.271013649	0.038	YGNKYYEDNK	Acetyl (K)	0.00010000000.0
650	IPI00353672	XIN2	643.4268	1.865014016	0.0095	IKTLK	Acetyl (K)	0.01000.0
651	IPI00354432	Isoform 1 of PRKC apoptosis WT1 regulator protein	1268.7816	13.08341798	0.0043	TLLKVVGQLTR	Acetyl (K)	0.000100000000.0
652	IPI00377351	Apolipoprotein A-IV precursor	2624.297	11.39352749	0.083	EAVEQFQKTDVTQQLSTLFQDK	Acetyl (K)	0.000000010000000000000.0
653	IPI00377351	Apolipoprotein A-IV precursor	2927.4335	3.791717216	0.0077	LQEHLKPYAVDLQDQINTQTQEMK	Acetyl (K); Oxidation (M)	0.000001000000000000000020.0
654	IPI00377396	41 kDa protein	2607.1758	7.786202986	0.0065	QKDIFAMDDKSENEPIENEAAR	Acetyl (K); Oxidation (M)	0.010000200000000000000.0
655	IPI00378446	similar to ciliary rootlet coiled-coil, rootletin	1114.5771	-11.48417638	0.082	LDKEVWQR	Acetyl (K)	0.00100000.0
656	IPI00380687	Olfactory receptor Olfr429	1069.6131	4.581095725	0.036	EIKEALKR	2 Acetyl (K)	0.00100010.0
657	IPI00380895, IPI00	Myosin-3	1531.7994	12.20786482	0.00022	QAFTQQIEELKR	Acetyl (K)	0.000000000010.0
658	IPI00380896	Myosin-1	1128.6026	-13.91100818	0.084	QLEEEIKAK	Acetyl (K)	0.000000100.0
659	IPI00387379	2,4-dienoyl-CoA reductase, mitochondrial precursor	1124.5172	1.867468101	0.0096	FEKEMIDR	Acetyl (K); Oxidation (M)	0.00102000.0
660	IPI00399483	40S ribosomal protein S30	1276.718	3.524662455	0.0054	FVNVVPTFGKK	Acetyl (K)	0.000000000010.0
661	IPI00399663	Centromere associated protein-E	982.6175	1.221227996	0.05	IEKLLKR	2 Acetyl (K)	0.0010010.0
662	IPI00400016	Laminin subunit gamma-1 precursor	1846.8367	6.010276924	3.90E-05	EAQEVKDVDQNLMDR	Acetyl (K); Oxidation (M)	0.000001000000200.0
663	IPI00400154	Isoform 1 of Clathrin interactor 1	1400.6361	6.711236416	0.078	QDAFANFANFSK	Acetyl (K)	0.000000000001.0
664	IPI00403040, IPI00	LIM domain binding 3 isoform c	1465.7776	3.001819648	0.0033	DSALSTHKPIEVK	Acetyl (K)	0.000000100000.0
665	IPI00404365	0 day neonate head cDNA, RIKEN full-length enriched library, clone:4833442I	791.4541	7.707332617	0.014	KFLNTK	Acetyl (K)	0.100000.0
666	IPI00404837	Myosin-4	1341.7504	5.291595218	0.092	LQDLVDKLQTK	Acetyl (K)	0.000000010000.0
667	IPI00404837	Myosin-4	1822.8584	8.942000103	0.00024	QKYEETQAELEASQK	Acetyl (K)	0.010000000000000.0
668	IPI00404837	Myosin-4	2609.282	6.668501143	0.053	SELQASLEEAEASLEHEEGKILR	Acetyl (K)	0.000000000000000000001000.0
669	IPI00405518	multiple C2 domains, transmembrane 1	876.5069	4.335390857	0.047	AYVLKNK	Acetyl (K)	0.0000100.0
670	IPI00405699	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial precursor	1512.8704	1.255890789	0.013	LYVPKSLWPQIK	Acetyl (K)	0.000010000000.0
671	IPI00408626	Tumor protein D52	1263.6346	2.215830431	0.014	SFEEKVENLK	Acetyl (K)	0.000100000.0
672	IPI00420261	High mobility group protein B1	1239.5805	6.050433998	0.094	EKGKFEDMAK	Acetyl (K); Oxidation (M)	0.0001000200.0
673	IPI00420261, IPI00	High mobility group protein B1	1761.8686	2.781138162	0.06	KHPDASVNFSEFSKK	Acetyl (K)	0.000000000000010.0
674	IPI00421223	Tropomyosin alpha-4 chain	1730.7886	9.417672384	0.018	YSEKEDKYEEEIK	Acetyl (K)	0.000001000000.0
675	IPI00453777	ATP synthase delta chain, mitochondrial precursor	1340.7187	-7.384099289	0.0012	IEANEALVKALE	Acetyl (K)	0.000000001000.0
676	IPI00453777	ATP synthase delta chain, mitochondrial precursor	1971.9497	-1.622759445	5.00E-08	ANLEKAQSELSGAADEAAR	Acetyl (K)	0.000010000000000000.0
677	IPI00454049	Enoyl-CoA hydratase, mitochondrial precursor	1578.746	3.103729162	1.80E-06	AFAAGADIKEMQNR	Acetyl (K); Oxidation (M)	0.000000000102000.0
678	IPI00454201	Kynurenine aminotransferase III	1512.7758	6.279846624	0.023	ALSCLYGKIYQR	Acetyl (K)	0.000000010000.0
679	IPI00458405	4 days neonate male adipose cDNA, RIKEN full-length enriched library, clone:	743.4541	1.614087541	0.023	SKVIQK	Acetyl (K)	0.010000.0
680	IPI00459280	Scavenger mRNA decapping enzyme DcpS	1655.8883	-1.811716406	0.036	TTVVYPATEKHLQK	Acetyl (K)	0.000000000010000.0
681	IPI00459570, IPI00	2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched library,	1729.8046	4.509179823	0.0017	YSQKEDKYEEEIK	Acetyl (K)	0.000100000000.0
682	IPI00459725	Isoform 1 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial pr	1087.5873	2.574505973	0.0083	LITEEASKR	Acetyl (K)	0.000000010.0
683	IPI00459725	Isoform 1 of Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial pr	2051.051	8.532211047	0.049	NVTAIQGPGGKWMIPPEAK	Acetyl (K); Oxidation (M)	0.000000000102000000.0
684	IPI00461741	2410066E13Rik protein	1383.7762	10.69537112	0.037	TLHEVLEKVFK	Acetyl (K)	0.000000001000.0
685	IPI00461872	LOC624610 protein (Fragment)	911.5804	2.413391073	0.02	VKKVVQK	2 Acetyl (K)	0.0110000.0
686	IPI00461964	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched libra	1323.7074	9.443174526	0.05	LFIDGKFVESK	Acetyl (K)	0.00000100000.0
687	IPI00462365	Purkinje cell protein 4-like 1	1115.6451	4.212809253	0.015	AALAIQGKFR	Acetyl (K)	0.0000000100.0
688	IPI00462934	Activated spleen cDNA, RIKEN full-length enriched library, clone:F830029A18	1283.7449	1.557941924	0.05	AGLVIGKGGETIK	Acetyl (K)	0.000000001000000.0
689	IPI00465880	40S ribosomal protein S17	1225.6706	3.508283547	0.05	VIIEKYYTR	Acetyl (K)	0.000010000.0
690	IPI00466657	Casq1 protein	2542.2703	10.9744428	0.0051	KYEVLALLYHEPPEDDKASQR	Acetyl (K)	0.100000000000000000000.0
691	IPI00467833	Triosephosphate isomerase	1772.8806	7.896752889	0.03	GWLKSNVNDGVAQSTR	Acetyl (K)	0.000100000000000.0
692	IPI00467833	Triosephosphate isomerase	3070.5863	9.509584538	0.0023	ELASQPDVDGFLVGGASLKPEFVDIINAK	Acetyl (K)	0.000000000000000000100000000.0
693	IPI00467833	Triosephosphate isomerase	3198.6449	7.503177361	0.0075	ELASQPDVDGFLVGGASLKPEFVDIINAKQ	Acetyl (K)	0.000000000000000000100000000.0
694	IPI00467841	12 days pregnant adult female placenta cDNA, RIKEN full-length enriched libr	1409.598	5.178781468	0.053	MKDTDSEEEIR	Acetyl (K); Oxidation (M)	0.21000000000.0
695	IPI00467841, IPI00	12 days pregnant adult female placenta cDNA, RIKEN full-length enriched libr	1795.8741	4.788754401	0.00033	VFDKDGNGYISAAELR	Acetyl (K)	0.000100000000000.0
696	IPI00467841, IPI00	12 days pregnant adult female placenta cDNA, RIKEN full-length enriched libr	1885.8945	0.583277591	5.90E-07	EAFSLFDKDGDGTITTK	Acetyl (K)	0.000000010000000.0
697	IPI00468203	Annexin A2	1443.7293	3.878843492	0.0032	SVCHLQKVFER	Acetyl (K)	0.00000010000.0
698	IPI00468516	DNA segment, Chr 6, Wayne State University 116, expressed	1299.7034	2.846803355	0.06	KQVDGLIQETK	Acetyl (K)	0.10000000000.0
699	IPI00469114	Hemoglobin subunit alpha	1230.6456	3.494100982	0.002	VLSGEDKSNIK	Acetyl (K)	0.00000010000.0
700	IPI00469114	Hemoglobin subunit alpha	2084.0075	0.671782611	4.40E-05	AAWGKIGGHGAEYGAEALER	Acetyl (K)	0.000010000000000000.0
701	IPI00469114	Hemoglobin subunit alpha	2887.364	-2.00875262	0.097	MFASFPTTKTYFPHFDVSHGSAQVK	Acetyl (K); Oxidation (M)	0.200000001000000000000000.0
702	IPI00469290	IRFD2 (Fragment)	926.541	-10.68490223	0.03	ARKGNALR	Acetyl (K)	0.00100000.0
703	IPI00469307	Alpha-2-macroglobulin receptor-associated protein precursor	1433.7765	2.092376322	0.014	NKEKYVLLEEK	Acetyl (K)	0.000100000000.0
704	IPI00469840	dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle	1231.6812	8.443743397	0.03	DVKLAQFIEK	Acetyl (K)	0.0010000000.0
705	IPI00469840	dimerization cofactor of hepatocyte nuclear factor 1 (HNF1) from muscle	1302.7183	4.45228851	0.019	LAQFIEKAAASL	Acetyl (K)	0.000000100000.0
706	IPI00470152	ribosomal protein S27a	1775.7317	-3.547833268	0.011	CCLTYCFNKPEDK	Acetyl (K)	0.000000010000.0
707	IPI00470178	Cysteine and glycine-rich protein 2	1139.5611	2.808098662	0.0063	FAQKYGGAEK	Acetyl (K)	0.0001000000.0
708	IPI00471246	Isovaleryl-CoA dehydrogenase, mitochondrial precursor	1666.9042	0.5999145	2.40E-05	HTISKFLQENLAPK	Acetyl (K)	0.000010000000000.0
709	IPI00471246	Isovaleryl-CoA dehydrogenase, mitochondrial precursor	1732.838	8.021523074	8.20E-06	AQEIDQTNDFKNLR	Acetyl (K)	0.000000000001000.0
710	IPI00471441	Ptms protein	1729.9097	9.075618224	0.1	SVEAAAELSAKDLKEK	Acetyl (K)	0.000000000100000.0
711	IPI00473475	GTP cyclohydrolase 1 feedback regulatory protein	1158.6318	11.73798268	0.059	IVLDKLECK	Acetyl (K)	0.000010000.0
712	IPI00474756, IPI00	29 kDa protein	2002.0292	-0.749239821	0.00053	ALKDEEKMELQEIQLK	Acetyl (K); Oxidation (M)	0.001000020000000.0
713	IPI00480401	Major urinary protein 1	1512.7871	2.97464197	0.0034	FAQLCEKHGILR	Acetyl (K)	0.000000100000.0
714	IPI00553333	Hemoglobin subunit beta-1	2316.1168	-1.899731482	6.50E-07	AAVSCLWGKVNSDEVGGEALGR	Acetyl (K)	0.000000001000000000000.0
715	IPI00553784	PEST proteolytic signal-containing nuclear protein	1561.7372	1.984969046	0.0022	DTPTSAGPNSFNKGK	Acetyl (K)	0.000000000000100.0
716	IPI00553784	PEST proteolytic signal-containing nuclear protein	1613.7784	5.143209254	0.0059	SAEDEAADLPTKPTK	Acetyl (K)	0.000000000001000.0
717	IPI00554989, IPI00	Peptidyl-prolyl cis-trans isomerase A	1420.7602	4.856554963	6.10E-05	VSFELFADKVPK	Acetyl (K)	0.000000001000.0
718	IPI00555023	Glutathione S-transferase P 1	1803.9043	4.434825063	0.0001	GKYVTLIYTNYENGK	Acetyl (K)	0.010000000000000.0
719	IPI00555059, IPI00	Peroxiredoxin-6	972.5392	1.645177901	0.075	LAPEFAKR	Acetyl (K)	0.00000010.0
720	IPI00555059, IPI00	Peroxiredoxin-6	1203.6499	0.49848382	0.02	GVFTKELPSGK	Acetyl (K)	0.0000001000000.0
721	IPI00606944	similar to 60S ribosomal protein L7a	1036.6644	0.578779401	0.046	KVALAPAVVK	Acetyl (K)	0.1000000000.0
722	IPI00606952	18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1:	1468.7999	4.697712738	0.024	SLKYPYVAVMLK	Acetyl (K); Oxidation (M)	0.00100000200.0
723	IPI00623382	MORC family CW-type zinc finger protein 2A	857.4606	1.282857778	0.058	IAEEKAR	Acetyl (K)	0.0000100.0
724	IPI00625287	Isoform 6 of LIM domain-binding protein 3	1702.7434	2.760251486	0.039	TQSKPEDEADEWAR	Acetyl (K)	0.000100000000000.0
725	IPI00626132	Hydroxyacyl-Coenzyme A dehydrogenase type II	2465.433	3.853278511	0.00058	AAAVRSVKGLVAVVTGGASGLGLATAK	Acetyl (K)	0.000000010000000000000000000.0
726	IPI00626455	Isoform 1 of Coiled-coil domain-containing protein 84	955.545	7.639619275	0.091	QLKGALER	Acetyl (K)	0.00100000.0
727	IPI00663327	Beta-1-globin (Fragment)	1509.7762	-11.45865195	0.029	VMAGVATALAHKYH	Acetyl (K)	0.000000000000100.0
728	IPI00667117	Acyl-CoA-binding protein	1690.8162	0.768859442	0.027	SQAEFDKAAEEVKR	2 Acetyl (K)	0.000000100000010.0
729	IPI00751878, IPI00	22 kDa protein	1729.8046	2.832689889	5.00E-05	YSQKEDKYEEEIK	Acetyl (K)	0.000000001000000.0
730	IPI00751971	similar to protein kinase C binding protein 1 isoform 2	1218.7084	-5.333515384	0.046	KTKIFNSALR	Acetyl (K)	0.0010000000.0
731	IPI00757372	similar to isochorismatase domain containing 2	1468.731	2.38300955	0.087	DASHPQFKEIQK	Acetyl (K)	0.000000010000.0
732	IPI00757881	similar to Urinary protein 1 precursor	1633.6105	-11.93674992	0.041	MNCCNNKSFCNK	Acetyl (K); Oxidation (M)	0.200000100000.0
733	IPI00761696	Calmodulin	3430.6304	12.85478028	0.06	ADQLTEEQIAEFKEAFSLFDKDGDGTITTK	2 Acetyl (K)	0.000000000001000000010000000.0