Supplemental Table 3. Summary of data generated by liquid chromatography-t

number	filename	parent_cha	score	percent_sc	totalIntens	previous_a
2140	L5P_ZT.375	2	5.36	66.1	4.76E+05	(K)
1305	X1P_ZT.349	6	7.3	64.7	7.81E+04	(F)
1099	S2P_ZT_Ro	2	8.03	68	1.19E+05	(L)
2016	L1P_ZT.489	4	5.6	67.3	1.99E+06	(V)
19	S5P_ZT_Ro	2	19.52	88.2	1.88E+08	(K)
30	L3P_ZT.117	2	18.85	86.3	6.29E+07	(K)
37	S4P_ZT_Ro	2	18.03	88.2	1.54E+08	(K)
45	S2P_ZT_Ro	2	17.67	88.6	1.25E+08	(K)
46	S1P_ZT_Ro	2	17.67	88.5	1.46E+08	(K)
55	X4P_ZT.11	2	17.12	86.6	5.63E+07	(K)
56	S3P_ZT_Ro	2	17.07	86.5	1.01E+08	(K)
60	L3P_ZT.119	2	16.91	85.9	1.20E+08	(K)
74	X2P_ZT.118	2	16.25	80	3.09E+06	(K)
93	X3P_ZT.114	2	15.63	84.4	1.04E+08	(K)
96	S4P_ZT_Ro	2	15.58	81.3	8.01E+07	(K)
102	L3P_ZT.129	2	15.45	100	4.84E+07	(K)
106	L1P_ZT.112	2	15.39	82.2	4.33E+06	(K)
133	S5P_ZT_Ro	2	14.89	81.6	9.61E+07	(K)
151	S3P_ZT_Ro	2	14.62	79	2.05E+06	(K)
163	X2P_ZT.116	2	14.45	78.1	3.09E+06	(K)
199	X3P_ZT.113	2	13.94	78.8	5.43E+07	(K)
219	X4P_ZT.110	2	13.68	77.6	3.19E+07	(K)
225	X1P_ZT.12	2	13.6	91.1	2.56E+06	(K)
293	X5P_ZT.113	2	12.7	89	2.57E+06	(K)
331	S4P_ZT_Ro	2	12.42	67.2	2.27E+06	(K)
351	X4P_ZT.120	2	12.24	68	3.19E+07	(K)
379	S5P_ZT_Ro	2	11.89	75.8	9.61E+07	(K)
404	L4P_ZT.128	2	11.78	77.3	8.68E+05	(K)
644	L2P_ZT.111	2	10.02	84.8	5.49E+05	(K)
657	X1P_ZT.119	2	9.96	68.5	2.56E+06	(K)
865	L3P_ZT.128	2	8.93	63.7	6.14E+07	(K)
881	S5P_ZT_Ro	2	8.86	74	1.88E+08	(K)
1036	X1P_ZT.120	2	8.26	76.7	2.56E+06	(K)
699	L3P_ZT.334	3	9.75	68.4	2.79E+05	(K)
731	X2P_ZT.344	3	9.58	80.5	8.08E+04	(K)
1841	S5P_ZT_Ro	3	5.94	80.6	1.44E+05	(K)
1440	L4P_ZT.277	4	6.89	79.1	5.24E+05	(K)
2215	S4P_ZT_Ro	4	5.23	66.7	1.27E+06	(R)
1684	X1P_ZT.414	3	6.31	69.6	9.89E+05	(R)
2062	X2P_ZT.450	3	5.5	100	7.38E+05	(R)
2316	X2P_ZT.448	3	5.03	61	7.38E+05	(R)
2149	L3P_ZT.521	2	5.34	61.2	2.51E+04	(K)
1243	L2P_ZT.472	3	7.51	71.5	8.62E+04	(E)
1500	L1P_ZT.482	3	6.75	88.5	9.54E+04	(E)
1692	L5P_ZT.497	6	6.3	72.9	7.30E+04	(K)

1656	X3P_ZT.16	2	6.39	62.2	1.03E+06	(R)
2031	S2P_ZT_Ro	2	5.56	66.2	3.97E+06	(R)
2181	S2P_ZT_Ro	3	5.28	60.8	3.35E+05	(K)
105	S4P_ZT_Ro	2	15.39	82.1	5.52E+06	(R)
158	S5P_ZT_Ro	3	14.56	83.8	7.52E+06	(R)
176	S5P_ZT_Ro	2	14.2	100	3.09E+06	(R)
247	S1P_ZT_Ro	3	13.32	77	1.65E+07	(R)
256	S2P_ZT_Ro	2	13.22	95	3.33E+06	(R)
266	S4P_ZT_Ro	3	13.09	81	1.26E+07	(R)
272	S3P_ZT_Ro	3	12.98	79.4	7.08E+06	(R)
330	S1P_ZT_Ro	2	12.43	85.6	6.36E+06	(R)
338	S3P_ZT_Ro	2	12.38	80.3	2.87E+06	(R)
391	X3P_ZT.47	3	11.83	71.2	8.30E+05	(R)
539	S2P_ZT_Ro	3	10.8	78.6	8.13E+06	(R)
821	S1P_ZT_Ro	3	9.1	67.4	1.65E+07	(R)
914	X3P_ZT.47	2	8.72	73	3.85E+05	(R)
999	S5P_ZT_Ro	3	8.37	61.6	7.52E+06	(R)
1205	L3P_ZT.54	2	7.66	70.1	2.34E+06	(R)
270	S3P_ZT_Ro	2	13.02	85.5	2.67E+07	(R)
414	S5P_ZT_Ro	2	11.72	90.3	3.23E+07	(R)
421	S2P_ZT_Ro	2	11.66	88.8	3.79E+07	(R)
422	S1P_ZT_Ro	2	11.66	88.5	3.58E+07	(R)
431	X3P_ZT.66	2	11.58	77.9	2.43E+07	(R)
447	S4P_ZT_Ro	2	11.49	85.8	2.91E+07	(R)
452	X4P_ZT.66	2	11.44	84	1.83E+07	(R)
626	L3P_ZT.74	2	10.16	88	1.69E+07	(R)
663	X2P_ZT.70	2	9.94	71.7	1.49E+06	(R)
668	S2P_ZT_Ro	2	9.91	72.3	1.66E+07	(R)
790	S3P_ZT_Ro	2	9.26	82	1.11E+07	(R)
930	S5P_ZT_Ro	2	8.62	67.9	1.43E+07	(R)
943	X4P_ZT.71	2	8.58	71.6	8.35E+06	(R)
960	S3P_ZT_Ro	2	8.51	63.7	1.11E+07	(R)
991	X3P_ZT.71	2	8.41	72.9	1.10E+07	(R)
1090	L3P_ZT.78	2	8.06	83	6.82E+06	(R)
1114	S5P_ZT_Ro	2	7.97	71.9	1.43E+07	(R)
1264	S5P_ZT_Ro	2	7.44	62.7	9.62E+05	(R)
1295	X3P_ZT.81	2	7.32	69.8	1.69E+06	(R)
1311	L3P_ZT.88	2	7.27	62.8	1.23E+06	(R)
1374	S2P_ZT_Ro	2	7.05	95.1	1.66E+07	(R)
1393	S4P_ZT_Ro	2	7	61.4	1.24E+07	(R)
1433	S4P_ZT_Ro	2	6.9	78.2	1.24E+07	(R)
1441	X4P_ZT.81	2	6.88	74.6	1.57E+06	(R)
1466	S1P_ZT_Ro	2	6.82	62.2	1.60E+07	(R)
1747	S2P_ZT_Ro	2	6.2	100	2.04E+06	(R)
1754	S5P_ZT_Ro	2	6.18	69.9	9.62E+05	(R)
1940	S3P_ZT_Ro	2	5.73	86.3	1.11E+07	(R)
2003	S4P_ZT_Ro	2	5.62	68.4	2.91E+07	(R)

1629	S2P_ZT_Ro	3	6.46	62.6	2.21E+05 (R)
2265	S3P_ZT_Ro	2	5.15	78.9	4.69E+05 (R)
2184	S3P_ZT_Ro	4	5.27	80.6	8.44E+04 (R)
1118	S1P_ZT_Ro	4	7.96	65.5	1.02E+06 (R)
1681	S1P_ZT_Ro	5	6.32	79	1.85E+06 (R)
940	L4P_ZT.380	3	8.6	92.1	2.05E+07 (A)
2244	L4P_ZT.364	3	5.21	67.6	1.01E+06 (K)
2280	S4P_ZT_Ro	3	5.11	60.7	3.25E+04 (K)
1855	L2P_ZT.372	3	5.92	62.2	5.04E+05 (K)
1899	L2P_ZT.374	3	5.82	67.5	5.04E+05 (K)
2046	L5P_ZT.397	3	5.54	75.2	7.34E+05 (K)
1414	S1P_ZT_Ro	3	6.96	67.6	1.69E+06 (K)
1788	X4P_ZT.547	3	6.09	77.2	4.09E+04 (K)
1938	X1P_ZT.398	3	5.73	60.7	2.94E+04 (K)
1993	S1P_ZT_Ro	3	5.64	66.6	1.54E+05 (K)
1994	S1P_ZT_Ro	3	5.64	62.9	1.63E+06 (K)
2067	L2P_ZT.513	3	5.5	70.3	6.84E+04 (K)
2121	L5P_ZT.482	3	5.39	81.2	7.65E+04 (K)
2282	L5P_ZT.467	3	5.11	68.7	7.46E+04 (K)
2312	X2P_ZT.388	4	5.04	64.4	1.58E+05 (K)
2017	L5P_ZT.395	3	5.6	73.8	5.25E+05 (K)
2276	L4P_ZT.358	3	5.12	72.1	7.65E+04 (K)
1344	X2P_ZT.536	3	7.16	65.8	2.28E+04 (K)
1382	X3P_ZT.408	3	7.02	75.3	2.67E+05 (K)
1450	X2P_ZT.558	3	6.86	71.8	8.38E+04 (K)
1472	L2P_ZT.520	3	6.81	74.4	6.84E+04 (K)
1633	X4P_ZT.413	3	6.45	78.2	2.05E+05 (K)
1676	L2P_ZT.399	3	6.34	66.1	1.61E+05 (K)
1712	L5P_ZT.535	3	6.27	63.1	9.61E+04 (K)
1770	L2P_ZT.380	3	6.14	83.1	1.20E+05 (K)
1805	L2P_ZT.445	3	6.06	65.6	4.81E+04 (K)
1825	S1P_ZT_Ro	3	6	74.4	7.84E+04 (K)
1891	L2P_ZT.507	3	5.83	68.6	2.55E+04 (K)
1908	S5P_ZT_Ro	3	5.79	68.1	2.39E+05 (K)
1927	L5P_ZT.448	3	5.76	65.4	2.68E+06 (K)
1957	L1P_ZT.390	3	5.71	74.5	6.32E+04 (K)
2001	X2P_ZT.481	3	5.62	71.8	7.75E+04 (K)
2021	L2P_ZT.515	3	5.59	94.5	6.84E+04 (K)
2025	S1P_ZT_Ro	3	5.58	77.9	5.52E+05 (K)
2129	S1P_ZT_Ro	3	5.37	72.7	3.24E+06 (K)
2142	L5P_ZT.537	3	5.36	85.4	7.92E+04 (K)
2162	L5P_ZT.381	3	5.32	88	1.64E+08 (K)
2173	X4P_ZT.478	3	5.29	72.7	5.44E+04 (K)
2178	L5P_ZT.452	3	5.29	72.5	5.64E+05 (K)
2195	L5P_ZT.470	3	5.26	70	1.78E+05 (K)
2258	L5P_ZT.497	3	5.17	100	1.99E+05 (K)
2262	L5P_ZT.523	3	5.16	80.4	3.10E+05 (K)

2279	X3P_ZT.43	3	5.11	69.9	3.81E+04	(K)
2321	L3P_ZT.39	3	5.02	72.8	7.74E+06	(K)
2084	L3P_ZT.49	3	5.47	69.9	3.12E+05	(K)
1787	X4P_ZT.54	4	6.09	81.3	1.94E+06	(K)
1451	L1P_ZT.43	6	6.86	75.5	1.02E+05	(Y)
2245	X3P_ZT.13	2	5.2	67.8	1.36E+05	(K)
1845	X4P_ZT.34	6	5.93	61.1	7.52E+04	(D)
1670	L5P_ZT.36	3	6.36	62.8	3.78E+05	(K)
1212	S5P_ZT_Ro	5	7.62	62.8	2.65E+04	(K)
2260	L3P_ZT.50	5	5.16	66.9	9.41E+04	(R)
1209	L2P_ZT.49	3	7.65	76.9	8.75E+05	(V)
1518	S4P_ZT_Ro	3	6.71	78	7.01E+05	(V)
1519	S4P_ZT_Ro	3	6.71	76.5	7.01E+05	(V)
1353	S2P_ZT_Ro	2	7.14	61.5	4.50E+06	(K)
1421	S1P_ZT_Ro	2	6.94	71.6	6.12E+06	(K)
1476	S4P_ZT_Ro	2	6.8	66	3.01E+06	(K)
1548	L4P_ZT.20	2	6.65	60.2	2.11E+06	(K)
1952	L4P_ZT.35	2	5.72	100	4.70E+05	(R)
967	S5P_ZT_Ro	3	8.49	81.9	4.68E+05	(R)
1079	S3P_ZT_Ro	3	8.08	65.6	5.53E+05	(R)
1139	X1P_ZT.36	3	7.87	64.8	3.73E+05	(R)
1790	X1P_ZT.36	3	6.09	77.7	3.73E+05	(R)
1999	X3P_ZT.19	2	5.62	73.6	3.61E+05	(R)
2095	S5P_ZT_Ro	3	5.45	61.7	4.68E+05	(R)
2123	L2P_ZT.36	3	5.38	64.7	2.09E+05	(R)
2218	L2P_ZT.36	3	5.23	73.5	2.09E+05	(R)
806	L5P_ZT.14	2	9.18	80.5	4.92E+07	(K)
828	X1P_ZT.14	2	9.08	77.8	7.96E+07	(K)
896	X2P_ZT.14	2	8.78	77.1	3.35E+07	(K)
906	L3P_ZT.14	2	8.76	77.6	4.32E+07	(K)
912	S5P_ZT_Ro	2	8.73	82.4	7.12E+07	(K)
997	L2P_ZT.13	2	8.38	83.2	5.19E+07	(K)
1024	S1P_ZT_Ro	2	8.3	78.3	7.88E+07	(K)
1025	X5P_ZT.14	2	8.29	76.8	5.30E+07	(K)
1055	S4P_ZT_Ro	2	8.18	75.8	6.00E+07	(K)
1163	L4P_ZT.15	2	7.79	76	3.51E+07	(K)
1172	L4P_ZT.15	2	7.76	67.6	3.51E+07	(K)
1240	X3P_ZT.13	2	7.51	77.9	5.07E+07	(K)
1276	X4P_ZT.14	2	7.4	74.5	7.30E+07	(K)
1319	X5P_ZT.14	2	7.24	65.9	5.30E+07	(K)
1361	L1P_ZT.13	2	7.11	81.4	3.11E+07	(K)
2311	L1P_ZT.39	2	5.05	64.2	3.58E+07	(K)
1261	X5P_ZT.37	5	7.44	66.9	3.02E+05	(S)
1667	X2P_ZT.37	5	6.36	65.3	6.26E+04	(S)
212	S3P_ZT_Ro	2	13.76	70.6	3.01E+06	(K)
518	S4P_ZT_Ro	2	10.93	63.8	3.27E+06	(K)
755	S5P_ZT_Ro	2	9.47	70.3	2.46E+06	(K)

763	S3P_ZT_Ro	3	9.43	60.2	2.55E+06	(K)
988	S3P_ZT_Ro	2	8.42	73.3	3.01E+06	(K)
1389	X4P_ZT.50	2	7	63.3	8.31E+05	(K)
1510	L3P_ZT.58	2	6.73	72.3	2.35E+06	(K)
1627	S5P_ZT_Ro	3	6.46	62.2	1.82E+06	(K)
302	S2P_ZT_Ro	2	12.63	79.6	5.11E+04	(K)
407	X4P_ZT.15	3	11.76	79.7	6.14E+05	(K)
501	S3P_ZT_Ro	3	11.06	67.8	2.28E+05	(K)
512	L3P_ZT.16	3	10.96	71.8	2.44E+06	(K)
529	L3P_ZT.16	3	10.86	77.7	2.44E+06	(K)
547	S4P_ZT_Ro	3	10.76	60.8	3.18E+04	(K)
880	X4P_ZT.15	3	8.86	74.9	6.14E+05	(K)
1092	S4P_ZT_Ro	4	8.05	80.2	3.23E+05	(K)
1096	S2P_ZT_Ro	4	8.04	63.2	4.29E+05	(K)
1302	L3P_ZT.16	2	7.31	64.2	3.07E+04	(K)
1332	L3P_ZT.161	3	7.21	85.6	2.44E+06	(K)
1376	L3P_ZT.16	2	7.05	70.3	3.07E+04	(K)
95	S4P_ZT_Ro	3	15.6	85.1	7.86E+06	(K)
148	S2P_ZT_Ro	3	14.64	82	6.64E+06	(K)
159	X4P_ZT.22	2	14.53	81.7	1.97E+06	(K)
177	S4P_ZT_Ro	4	14.2	85.4	2.58E+06	(K)
211	X4P_ZT.22	3	13.76	74.6	9.60E+06	(K)
223	S4P_ZT_Ro	2	13.65	89.5	2.22E+06	(K)
233	L3P_ZT.22	2	13.53	76.7	3.69E+06	(K)
238	S3P_ZT_Ro	3	13.44	78.2	7.13E+06	(K)
249	S2P_ZT_Ro	4	13.31	86	2.99E+06	(K)
322	S2P_ZT_Ro	2	12.5	72.8	1.96E+06	(K)
323	L3P_ZT.23	2	12.5	75.1	1.09E+05	(K)
377	S1P_ZT_Ro	4	11.94	75.1	2.96E+06	(K)
378	S3P_ZT_Ro	4	11.93	85	2.55E+06	(K)
399	S1P_ZT_Ro	3	11.81	73.5	6.70E+06	(K)
411	S1P_ZT_Ro	3	11.76	80.5	6.70E+06	(K)
420	S2P_ZT_Ro	2	11.66	76.5	1.96E+06	(K)
494	L3P_ZT.21	3	11.15	78.3	1.96E+07	(K)
555	X4P_ZT.23	3	10.68	65.6	3.24E+05	(K)
564	L3P_ZT.21	2	10.63	68.7	3.69E+06	(K)
576	S1P_ZT_Ro	2	10.47	72.2	2.06E+06	(K)
658	S4P_ZT_Ro	2	9.96	68.6	9.15E+04	(K)
722	L3P_ZT.221	2	9.64	65.3	3.69E+06	(K)
747	X4P_ZT.22	4	9.5	67.4	3.33E+05	(K)
777	X4P_ZT.22	2	9.35	63	1.97E+06	(K)
795	S1P_ZT_Ro	2	9.25	82.8	2.06E+06	(K)
1065	X4P_ZT.23	2	8.13	62.3	1.05E+05	(K)
1283	S3P_ZT_Ro	3	7.38	65	7.13E+06	(K)
1470	S1P_ZT_Ro	2	6.81	60.8	6.98E+04	(K)
1720	L1P_ZT.20	4	6.25	73.4	1.86E+04	(K)
2177	L3P_ZT.23	2	5.29	73	1.09E+05	(K)

2198	S4P_ZT_Ro	3	5.25	87.1	7.86E+06	(K)
41	S5P_ZT_Ro	2	17.92	84.8	4.46E+06	(K)
58	S3P_ZT_Ro	2	17.04	78.5	8.20E+06	(K)
75	S4P_ZT_Ro	2	16.19	86.2	5.68E+06	(K)
77	S3P_ZT_Ro	2	16.16	75.6	8.20E+06	(K)
108	S1P_ZT_Ro	2	15.33	74.9	7.57E+06	(K)
121	S3P_ZT_Ro	2	15.03	82.9	8.20E+06	(K)
139	S1P_ZT_Ro	3	14.83	74.6	5.38E+07	(K)
153	S2P_ZT_Ro	3	14.6	73.6	2.05E+07	(K)
173	S1P_ZT_Ro	2	14.27	70.1	7.57E+06	(K)
185	S3P_ZT_Ro	3	14.09	72.5	5.25E+07	(K)
200	S5P_ZT_Ro	3	13.92	68.8	3.31E+07	(K)
209	X4P_ZT.57	2	13.81	72.7	2.45E+06	(K)
213	S5P_ZT_Ro	2	13.74	95	4.46E+06	(K)
250	X3P_ZT.56	2	13.3	65	2.29E+06	(K)
295	S2P_ZT_Ro	2	12.7	66.3	2.69E+06	(K)
309	S4P_ZT_Ro	3	12.59	70.4	4.00E+07	(K)
346	S5P_ZT_Ro	2	12.29	66.3	4.46E+06	(K)
364	S2P_ZT_Ro	2	12.1	70.1	2.69E+06	(K)
409	X3P_ZT.56	3	11.76	62.3	1.26E+07	(K)
442	X5P_ZT.56	3	11.52	72.8	6.19E+05	(K)
473	S4P_ZT_Ro	2	11.3	84	5.68E+06	(K)
477	S2P_ZT_Ro	2	11.28	60.7	2.69E+06	(K)
524	S1P_ZT_Ro	2	10.89	77.2	7.57E+06	(K)
583	X2P_ZT.60	2	10.42	82.3	8.25E+04	(K)
621	S4P_ZT_Ro	2	10.21	89.7	1.27E+05	(K)
628	S5P_ZT_Ro	2	10.15	66.8	6.47E+04	(K)
640	L3P_ZT.65	2	10.06	63.3	3.08E+06	(K)
1016	S1P_ZT_Ro	3	8.33	72.1	5.38E+07	(K)
1503	X3P_ZT.50	2	6.74	70.9	2.29E+06	(K)
1718	S3P_ZT_Ro	2	6.25	71.5	2.52E+04	(K)
67	X3P_ZT.12	2	16.51	84.9	5.28E+05	(K)
88	S4P_ZT_Ro	3	15.72	80	2.65E+06	(K)
138	S1P_ZT_Ro	4	14.83	84	9.97E+06	(K)
183	S2P_ZT_Ro	3	14.1	84.4	2.79E+06	(K)
217	X4P_ZT.11	3	13.69	85	2.31E+06	(K)
248	L3P_ZT.12	3	13.32	89.6	2.34E+06	(K)
254	S1P_ZT_Ro	3	13.24	65.5	3.22E+06	(K)
345	X3P_ZT.12	3	12.3	84.8	3.18E+06	(K)
366	S3P_ZT_Ro	4	12.09	66	5.04E+05	(K)
373	S1P_ZT_Ro	3	11.98	72.3	3.22E+06	(K)
393	S4P_ZT_Ro	4	11.83	82.5	8.01E+06	(K)
417	S5P_ZT_Ro	3	11.67	68.3	2.61E+05	(K)
436	S5P_ZT_Ro	3	11.55	79.7	2.40E+06	(K)
462	X4P_ZT.11	2	11.37	64.2	4.26E+05	(K)
536	L3P_ZT.12	3	10.81	100	2.34E+06	(K)
538	S5P_ZT_Ro	4	10.8	88.9	7.89E+06	(K)

545	S1P_ZT_Ro	3	10.77	74.3	1.27E+05	(K)
617	S2P_ZT_Ro	3	10.22	65.4	2.42E+05	(K)
637	L3P_ZT.128	4	10.08	80.7	6.84E+06	(K)
677	S3P_ZT_Ro	4	9.85	77	9.72E+06	(K)
678	S4P_ZT_Ro	3	9.84	72.7	2.65E+06	(K)
694	L3P_ZT.129	3	9.77	68.1	2.34E+06	(K)
740	S5P_ZT_Ro	4	9.56	64	5.86E+05	(K)
771	S3P_ZT_Ro	3	9.4	69.2	3.09E+06	(K)
861	S2P_ZT_Ro	4	8.95	68.9	9.15E+06	(K)
905	S5P_ZT_Ro	3	8.76	63.1	2.40E+06	(K)
963	S3P_ZT_Ro	3	8.5	66.1	3.09E+06	(K)
996	S5P_ZT_Ro	2	8.38	65.3	9.58E+04	(K)
1095	S4P_ZT_Ro	4	8.04	60.4	8.01E+06	(K)
1211	S2P_ZT_Ro	4	7.63	64.1	5.89E+05	(K)
2039	X4P_ZT.133	4	5.54	70.7	1.47E+05	(K)
2087	S4P_ZT_Ro	4	5.46	64.3	6.93E+05	(K)
22	S2P_ZT_Ro	2	19.43	96.2	5.04E+06	(K)
48	S4P_ZT_Ro	2	17.62	87.6	9.25E+06	(K)
63	S1P_ZT_Ro	2	16.83	84.9	5.93E+06	(K)
83	S3P_ZT_Ro	2	15.88	83.9	4.46E+06	(K)
90	S5P_ZT_Ro	3	15.69	78.7	2.21E+06	(K)
91	S1P_ZT_Ro	4	15.66	95	5.85E+07	(K)
122	S1P_ZT_Ro	2	15.01	90.2	5.93E+06	(K)
123	S5P_ZT_Ro	3	14.97	82.9	3.76E+07	(K)
124	S2P_ZT_Ro	3	14.97	80.9	2.24E+07	(K)
140	S3P_ZT_Ro	2	14.81	87.6	4.46E+06	(K)
149	S4P_ZT_Ro	4	14.62	85.2	1.09E+08	(K)
161	X4P_ZT.172	4	14.45	94.5	3.55E+07	(K)
168	S2P_ZT_Ro	2	14.34	85.7	5.04E+06	(K)
175	L3P_ZT.178	3	14.21	82.5	5.19E+07	(K)
179	X4P_ZT.174	3	14.18	89.1	1.47E+07	(K)
184	S2P_ZT_Ro	4	14.1	84.5	6.16E+07	(K)
205	S1P_ZT_Ro	3	13.88	77.9	2.18E+07	(K)
206	S5P_ZT_Ro	4	13.87	83.8	1.11E+08	(K)
216	S3P_ZT_Ro	3	13.7	81.4	2.23E+06	(K)
234	S3P_ZT_Ro	3	13.49	78.3	2.23E+06	(K)
242	X3P_ZT.171	4	13.39	78.9	4.34E+07	(K)
259	X3P_ZT.170	2	13.2	81.8	4.70E+06	(K)
277	X4P_ZT.192	3	12.87	70.9	2.48E+06	(K)
279	S1P_ZT_Ro	3	12.85	87.8	2.30E+06	(K)
280	X4P_ZT.171	2	12.84	85.6	3.29E+06	(K)
291	S3P_ZT_Ro	4	12.71	73.3	5.49E+06	(K)
298	S4P_ZT_Ro	3	12.64	70.6	2.10E+06	(K)
319	S4P_ZT_Ro	3	12.53	81.1	3.98E+07	(K)
326	S3P_ZT_Ro	4	12.48	83.9	4.51E+07	(K)
340	S2P_ZT_Ro	2	12.37	74	7.02E+05	(K)
353	L3P_ZT.194	2	12.22	81.1	2.52E+05	(K)

357	S4P_ZT_Ro	3	12.18	70.8	2.10E+06	(K)
358	L1P_ZT.165	3	12.18	76.1	1.01E+06	(K)
359	L3P_ZT.193	4	12.17	68.8	4.92E+06	(K)
381	X4P_ZT.190	2	11.88	78.5	4.81E+05	(K)
394	S3P_ZT_Ro	2	11.83	76.2	4.46E+06	(K)
396	S5P_ZT_Ro	4	11.82	70	5.08E+06	(K)
402	X3P_ZT.190	2	11.79	71.9	1.77E+05	(K)
403	S5P_ZT_Ro	2	11.79	69.3	7.21E+06	(K)
408	X4P_ZT.176	2	11.76	80.1	3.29E+06	(K)
418	S5P_ZT_Ro	2	11.67	72.9	7.21E+06	(K)
430	S3P_ZT_Ro	2	11.59	80.1	4.46E+06	(K)
441	S1P_ZT_Ro	4	11.53	65.3	5.85E+07	(K)
455	S1P_ZT_Ro	2	11.42	81.5	7.94E+05	(K)
458	S4P_ZT_Ro	2	11.4	72	5.85E+05	(K)
464	S4P_ZT_Ro	3	11.37	67.2	2.10E+06	(K)
465	S3P_ZT_Ro	3	11.37	69.6	1.69E+07	(K)
470	S4P_ZT_Ro	3	11.33	70.4	3.98E+07	(K)
478	S5P_ZT_Ro	2	11.26	83.4	7.21E+06	(K)
479	S2P_ZT_Ro	2	11.25	72.9	7.02E+05	(K)
481	S3P_ZT_Ro	2	11.23	83.7	4.22E+05	(K)
483	S2P_ZT_Ro	3	11.22	70	2.12E+06	(K)
490	L3P_ZT.179	4	11.18	71.3	1.42E+08	(K)
495	S5P_ZT_Ro	2	11.14	77	5.27E+05	(K)
508	S4P_ZT_Ro	2	10.98	78.1	9.25E+06	(K)
510	S5P_ZT_Ro	4	10.96	66.1	1.11E+08	(K)
511	S5P_ZT_Ro	3	10.96	62.9	3.76E+07	(K)
521	S5P_ZT_Ro	2	10.9	74.8	7.21E+06	(K)
546	L3P_ZT.179	3	10.77	79.9	5.19E+07	(K)
554	L3P_ZT.181	2	10.7	61	1.03E+07	(K)
567	S5P_ZT_Ro	3	10.59	66	2.21E+06	(K)
577	X4P_ZT.172	3	10.46	69.2	1.47E+07	(K)
582	S1P_ZT_Ro	2	10.43	75.4	5.93E+06	(K)
584	L3P_ZT.180	2	10.42	73.2	1.03E+07	(K)
589	S1P_ZT_Ro	3	10.4	79.7	2.18E+07	(K)
594	S3P_ZT_Ro	3	10.38	68.9	2.23E+06	(K)
599	L3P_ZT.183	3	10.35	88.4	5.19E+07	(K)
602	L3P_ZT.182	2	10.32	66.1	1.03E+07	(K)
619	X3P_ZT.171	3	10.21	73.3	1.81E+07	(K)
636	S2P_ZT_Ro	2	10.08	71.5	5.04E+06	(K)
643	L3P_ZT.179	2	10.03	62.2	1.03E+07	(K)
650	S5P_ZT_Ro	2	9.99	73.3	5.27E+05	(K)
653	S4P_ZT_Ro	4	9.98	84.1	5.04E+06	(K)
670	X3P_ZT.174	2	9.89	73.4	4.70E+06	(K)
693	S1P_ZT_Ro	4	9.77	68.2	6.83E+06	(K)
707	S5P_ZT_Ro	2	9.7	67	7.21E+06	(K)
724	S1P_ZT_Ro	2	9.63	64.8	5.93E+06	(K)
727	X4P_ZT.177	3	9.6	68.5	1.47E+07	(K)

733	S4P_ZT_Ro	2	9.58	63.6	5.85E+05	(K)
743	S4P_ZT_Ro	2	9.55	69.7	9.25E+06	(K)
757	S4P_ZT_Ro	2	9.44	70.9	5.85E+05	(K)
784	S2P_ZT_Ro	2	9.3	76.3	7.02E+05	(K)
796	S5P_ZT_Ro	2	9.24	70.3	7.21E+06	(K)
844	L3P_ZT.195	2	9.01	72	2.52E+05	(K)
845	X4P_ZT.190	3	9	61.4	2.48E+06	(K)
895	L3P_ZT.194	3	8.8	66.6	2.43E+06	(K)
922	L3P_ZT.177	2	8.69	69.9	1.03E+07	(K)
1011	S2P_ZT_Ro	4	8.34	69.7	6.10E+06	(K)
1023	S5P_ZT_Ro	3	8.3	70.7	2.21E+06	(K)
1027	S1P_ZT_Ro	3	8.28	74.3	2.18E+07	(K)
1049	S3P_ZT_Ro	2	8.21	68.7	4.22E+05	(K)
1220	S4P_ZT_Ro	2	7.58	61.2	9.25E+06	(K)
1234	X3P_ZT.191	2	7.54	66.6	1.77E+05	(K)
1267	S1P_ZT_Ro	3	7.44	60.1	2.18E+07	(K)
1300	S2P_ZT_Ro	4	7.31	70.5	6.16E+07	(K)
1307	S2P_ZT_Ro	4	7.3	66.3	6.16E+07	(K)
1422	L1P_ZT.166	3	6.93	88	1.00E+06	(K)
1445	L3P_ZT.191	3	6.88	61.8	2.43E+06	(K)
1535	S2P_ZT_Ro	3	6.68	64.6	2.12E+06	(K)
1613	X4P_ZT.193	3	6.48	62.3	2.48E+06	(K)
2010	L1P_ZT.178	2	5.61	61.2	1.02E+05	(K)
2210	S1P_ZT_Ro	2	5.24	72	2.86E+05	(K)
1810	X3P_ZT.186	4	6.04	70	6.51E+05	(K)
1762	L5P_ZT.542	4	6.17	75.4	5.52E+04	(D)
857	L1P_ZT.319	3	8.96	65.3	2.79E+05	(Q)
276	S3P_ZT_Ro	2	12.91	85.7	1.23E+05	(G)
544	S2P_ZT_Ro	2	10.77	67.4	3.03E+05	(G)
679	S4P_ZT_Ro	2	9.84	65.3	4.44E+05	(G)
2277	L5P_ZT.123	3	5.12	62.9	1.09E+05	(K)
2310	S5P_ZT_Ro	6	5.05	70.4	3.78E+04	(K)
1924	L2P_ZT.354	5	5.76	64.1	1.74E+06	(K)
1983	X2P_ZT.383	5	5.65	84.7	1.17E+06	(K)
2037	L3P_ZT.378	5	5.55	65.9	5.80E+05	(K)
2253	X4P_ZT.376	5	5.17	74	7.77E+04	(K)
923	L2P_ZT.261	5	8.66	66.4	5.37E+06	(R)
1052	X5P_ZT.277	5	8.19	69.4	2.90E+06	(R)
1137	L3P_ZT.269	5	7.88	64	9.93E+05	(R)
1149	S3P_ZT_Ro	5	7.85	62.1	2.77E+06	(R)
1150	S2P_ZT_Ro	5	7.85	65.3	2.07E+06	(R)
1333	L5P_ZT.278	5	7.21	64.4	7.91E+05	(R)
1554	X1P_ZT.265	5	6.63	63.9	2.62E+05	(R)
1632	X4P_ZT.274	5	6.45	82	2.11E+06	(R)
1833	S2P_ZT_Ro	5	5.97	71.8	2.07E+06	(R)
1844	X4P_ZT.273	5	5.93	89.4	2.11E+06	(R)
1904	S1P_ZT_Ro	5	5.8	73.8	2.23E+06	(R)

1963	S4P_ZT_Ro	5	5.69	69.7	2.45E+06	(R)
2285	S5P_ZT_Ro	5	5.1	73.4	6.33E+05	(R)
1038	L3P_ZT.36	3	8.26	68.2	6.83E+05	(-)
1371	L3P_ZT.35	3	7.07	63.3	1.64E+06	(G)
1250	X5P_ZT.64	3	7.48	83.9	1.33E+05	(K)
2148	L3P_ZT.51	6	5.34	61.1	6.08E+04	(K)
1256	S1P_ZT_Ro	3	7.47	63.4	8.48E+04	(R)
2130	S1P_ZT_Ro	3	5.37	67.7	8.48E+04	(R)
1245	S5P_ZT_Ro	2	7.5	100	5.87E+06	(K)
1317	X5P_ZT.46	2	7.25	100	4.93E+06	(K)
2042	S2P_ZT_Ro	2	5.54	93.2	5.37E+07	(K)
76	S3P_ZT_Ro	2	16.16	86.6	9.93E+07	(K)
78	L3P_ZT.10	2	16.14	85.4	2.70E+08	(K)
99	S4P_ZT_Ro	2	15.54	83.4	1.93E+08	(K)
126	X4P_ZT.87	2	14.96	81.3	2.09E+08	(K)
131	X3P_ZT.98	2	14.91	82.2	1.65E+08	(K)
155	S1P_ZT_Ro	2	14.57	80.4	1.97E+08	(K)
164	S4P_ZT_Ro	2	14.42	69.8	9.11E+07	(K)
170	S2P_ZT_Ro	2	14.29	82.9	1.15E+08	(K)
171	S5P_ZT_Ro	2	14.27	82.4	1.68E+08	(K)
182	S2P_ZT_Ro	2	14.13	85.7	5.72E+07	(K)
239	S2P_ZT_Ro	2	13.42	75.4	5.72E+07	(K)
241	S1P_ZT_Ro	2	13.41	68.9	9.18E+07	(K)
271	L3P_ZT.11	2	13	67.3	1.21E+08	(K)
297	S5P_ZT_Ro	2	12.67	71	7.88E+07	(K)
310	S3P_ZT_Ro	2	12.59	72.3	4.67E+07	(K)
450	S3P_ZT_Ro	2	11.46	69.3	4.67E+07	(K)
497	X5P_ZT.10	2	11.13	68.6	3.11E+06	(K)
552	S5P_ZT_Ro	2	10.71	63.2	7.88E+07	(K)
738	X4P_ZT.97	2	9.56	62.9	2.09E+08	(K)
1320	X5P_ZT.99	2	7.24	62.8	3.11E+06	(K)
288	S4P_ZT_Ro	2	12.75	82.7	1.70E+06	(K)
300	S1P_ZT_Ro	2	12.64	82.9	2.14E+06	(K)
463	X4P_ZT.18	2	11.37	78.9	1.45E+06	(K)
515	S5P_ZT_Ro	2	10.93	81.1	1.55E+06	(K)
588	S3P_ZT_Ro	2	10.4	78.9	2.39E+06	(K)
688	S2P_ZT_Ro	2	9.79	76	2.62E+06	(K)
929	X3P_ZT.18	2	8.62	74.1	1.78E+06	(K)
939	L3P_ZT.18	2	8.6	64.5	1.09E+06	(K)
246	S2P_ZT_Ro	2	13.35	85.9	2.59E+07	(K)
336	X4P_ZT.30	2	12.39	80	1.78E+07	(K)
416	X4P_ZT.30	2	11.68	70.8	1.78E+07	(K)
486	S1P_ZT_Ro	2	11.2	73.4	3.03E+07	(K)
890	L3P_ZT.30	2	8.83	74	1.61E+07	(K)
114	X4P_ZT.21	4	15.21	74.8	2.40E+04	(K)
1606	S4P_ZT_Ro	7	6.5	60.3	1.30E+06	(R)
1973	S1P_ZT_Ro	4	5.67	100	6.30E+05	(R)

128	S3P_ZT_Ro	4	14.93	65.8	1.42E+06	(R)
197	S2P_ZT_Ro	4	13.98	68.6	1.55E+06	(R)
230	S2P_ZT_Ro	4	13.56	61.1	1.55E+06	(R)
278	X3P_ZT.217	3	12.85	68.6	1.57E+06	(R)
443	X4P_ZT.218	4	11.52	66.7	1.03E+06	(R)
563	S3P_ZT_Ro	3	10.63	62.5	5.76E+05	(R)
711	S3P_ZT_Ro	4	9.69	63.2	1.42E+06	(R)
1019	X3P_ZT.219	3	8.31	63.4	1.57E+06	(R)
1887	L3P_ZT.217	4	5.84	65.8	1.45E+06	(R)
1540	L5P_ZT.445	5	6.66	69.2	1.44E+06	(R)
2229	S3P_ZT_Ro	6	5.22	100	7.34E+04	(K)
934	S5P_ZT_Ro	7	8.61	60.9	1.64E+04	(R)
1523	S5P_ZT_Ro	7	6.7	61.6	2.24E+04	(R)
1123	S4P_ZT_Ro	4	7.94	61	2.07E+05	(K)
1565	S5P_ZT_Ro	6	6.6	61.3	1.30E+05	(K)
2309	X5P_ZT.502	7	5.05	65.6	7.52E+06	(K)
1736	S2P_ZT_Ro	3	6.22	100	1.16E+06	(R)
1874	X4P_ZT.301	3	5.88	64.8	9.62E+04	(R)
1979	L5P_ZT.216	2	5.66	83.7	1.22E+06	(R)
2283	L5P_ZT.494	4	5.11	63.2	7.42E+04	(R)
2238	X1P_ZT.148	2	5.21	90.6	9.25E+06	(K)
1077	L3P_ZT.336	4	8.09	67.4	8.89E+04	(K)
2024	X1P_ZT.494	3	5.58	87.9	1.03E+05	(K)
1975	X1P_ZT.218	2	5.66	75.6	2.44E+06	(R)
1474	X3P_ZT.503	3	6.8	63.9	2.23E+06	(R)
1784	S2P_ZT_Ro	3	6.1	63.5	1.31E+06	(R)
1851	X3P_ZT.505	3	5.92	100	2.23E+06	(R)
1853	S5P_ZT_Ro	3	5.92	100	1.60E+06	(R)
2106	L5P_ZT.499	3	5.42	100	9.92E+05	(R)
2249	L4P_ZT.116	4	5.2	100	5.08E+04	(K)
1941	L2P_ZT.328	3	5.73	67.7	5.09E+04	(R)
2317	X1P_ZT.277	2	5.03	61.4	3.51E+05	(K)
1654	S3P_ZT_Ro	4	6.4	65.1	1.92E+06	(R)
2251	X2P_ZT.241	3	5.18	78.8	1.77E+04	(R)
1424	L4P_ZT.275	3	6.93	86.6	2.09E+06	(R)
1567	S2P_ZT_Ro	4	6.6	76.4	5.49E+04	(R)
1202	S4P_ZT_Ro	3	7.66	62.5	2.65E+06	(R)
1303	L5P_ZT.472	3	7.31	62.3	1.66E+05	(R)
1469	S5P_ZT_Ro	3	6.81	64.9	2.14E+06	(R)
2102	X4P_ZT.521	4	5.42	100	5.85E+04	(R)
1780	X5P_ZT.170	4	6.11	67.7	1.38E+05	(K)
1974	L1P_ZT.157	4	5.67	66.4	5.89E+04	(K)
1221	L2P_ZT.228	3	7.58	84.6	5.75E+05	(R)
1313	X4P_ZT.244	3	7.26	74.5	7.73E+05	(R)
1323	S3P_ZT_Ro	3	7.23	75.7	9.65E+05	(R)
1592	S4P_ZT_Ro	3	6.54	68.2	1.62E+06	(R)
1860	S2P_ZT_Ro	3	5.91	79.2	8.77E+05	(R)

1894	X3P_ZT.24	3	5.82	69.9	1.34E+06	(R)
2011	L1P_ZT.22	3	5.61	67.8	7.09E+05	(R)
2072	X4P_ZT.52	7	5.48	68.2	2.72E+05	(S)
917	L1P_ZT.45	3	8.72	73.9	4.26E+04	(V)
1419	X3P_ZT.46	3	6.94	66.7	6.06E+04	(V)
1499	S4P_ZT_Ro	3	6.75	100	7.69E+04	(V)
2235	X3P_ZT.25	2	5.21	65.7	2.82E+06	(R)
938	S2P_ZT_Ro	3	8.6	61.7	4.62E+07	(R)
956	S4P_ZT_Ro	3	8.54	61	3.82E+07	(R)
1053	S3P_ZT_Ro	3	8.19	62.6	3.40E+07	(R)
1057	L5P_ZT.32	3	8.16	62.7	1.59E+07	(R)
1461	S5P_ZT_Ro	3	6.83	66.2	4.51E+07	(R)
1494	X3P_ZT.31	3	6.76	67	2.92E+07	(R)
1506	L4P_ZT.31	3	6.74	67.8	5.93E+06	(R)
1174	L2P_ZT.51	5	7.75	66.7	8.76E+04	(K)
1789	X2P_ZT.52	7	6.09	78.1	5.71E+04	(K)
2213	X4P_ZT.37	2	5.23	62.6	8.53E+04	(K)
1151	S5P_ZT_Ro	3	7.84	72.9	9.70E+06	(H)
1508	L4P_ZT.48	3	6.74	64.5	8.86E+05	(H)
1645	X1P_ZT.48	3	6.42	100	1.18E+06	(H)
1783	S4P_ZT_Ro	3	6.1	91.6	1.23E+07	(H)
1498	S4P_ZT_Ro	3	6.75	61.5	8.57E+04	(H)
1933	S2P_ZT_Ro	2	5.74	79.2	4.99E+05	(R)
2183	X3P_ZT.37	4	5.27	64.3	2.55E+04	(R)
1596	S3P_ZT_Ro	4	6.52	60.8	2.35E+05	(K)
1	S3P_ZT_Ro	2	25.6	97.1	7.39E+06	(K)
2	S1P_ZT_Ro	2	25.22	92.8	1.00E+07	(K)
3	S2P_ZT_Ro	2	23.15	96.2	1.50E+07	(K)
4	X3P_ZT.55	2	22.01	91.6	4.43E+06	(K)
5	S5P_ZT_Ro	2	21.12	88.6	6.80E+06	(K)
25	L3P_ZT.61	3	19.26	89.7	3.57E+07	(K)
32	S4P_ZT_Ro	2	18.73	80.3	2.38E+07	(K)
35	L3P_ZT.63	2	18.4	87.8	1.31E+07	(K)
47	S1P_ZT_Ro	3	17.64	83.6	2.72E+07	(K)
54	X4P_ZT.55	2	17.24	85.6	7.45E+06	(K)
62	S2P_ZT_Ro	3	16.83	80.7	4.48E+07	(K)
68	S3P_ZT_Ro	3	16.51	85.3	1.81E+07	(K)
69	X5P_ZT.54	2	16.48	88.8	4.44E+05	(K)
70	L3P_ZT.68	2	16.45	70.7	1.31E+07	(K)
87	L5P_ZT.63	2	15.81	80.6	6.66E+04	(K)
100	S4P_ZT_Ro	2	15.48	86.2	2.38E+07	(K)
144	S1P_ZT_Ro	2	14.77	66.3	1.00E+07	(K)
154	S3P_ZT_Ro	3	14.58	71.6	1.81E+07	(K)
235	X4P_ZT.55	3	13.48	64	1.66E+07	(K)
273	X4P_ZT.61	2	12.97	61.4	7.45E+06	(K)
292	L4P_ZT.71	2	12.71	70	3.55E+05	(K)
360	X4P_ZT.57	2	12.16	68.7	7.45E+06	(K)

472	X5P_ZT.54	3	11.32	66	1.51E+06 (K)
735	S1P_ZT_Ro	2	9.58	69.7	1.00E+07 (K)
770	X1P_ZT.71	3	9.4	84.1	8.33E+06 (K)
1196	L3P_ZT.66	3	7.68	69	3.57E+07 (K)
1233	S1P_ZT_Ro	3	7.55	62.1	2.72E+07 (K)
1178	S4P_ZT_Ro	3	7.74	67.2	9.09E+04 (K)
15	X2P_ZT.59	2	19.85	75.7	5.18E+05 (K)
31	S2P_ZT_Ro	2	18.74	78.8	1.50E+07 (K)
33	S4P_ZT_Ro	2	18.53	84	2.38E+07 (K)
53	X3P_ZT.54	3	17.36	78	8.40E+06 (K)
65	S5P_ZT_Ro	3	16.55	81	2.37E+07 (K)
84	S4P_ZT_Ro	3	15.86	79.3	6.78E+07 (K)
1155	S2P_ZT_Ro	3	7.82	64.4	4.48E+07 (K)
959	X3P_ZT.23	2	8.51	68.9	9.02E+05 (S)
1418	L5P_ZT.43	3	6.95	71.2	8.01E+04 (K)
824	S1P_ZT_Ro	2	9.09	63.7	1.25E+06 (S)
2176	S1P_ZT_Ro	2	5.29	85.4	5.25E+05 (R)
119	S2P_ZT_Ro	2	15.05	85.4	1.31E+08 (R)
134	S3P_ZT_Ro	2	14.88	83.3	9.36E+07 (R)
135	S5P_ZT_Ro	2	14.86	83.7	2.72E+08 (R)
143	S1P_ZT_Ro	2	14.77	82.2	1.48E+08 (R)
172	S4P_ZT_Ro	2	14.27	80.7	2.95E+08 (R)
178	L3P_ZT.16	2	14.19	80.6	1.69E+08 (R)
228	X4P_ZT.15	2	13.57	78.9	2.84E+08 (R)
296	X3P_ZT.15	2	12.69	79.2	1.35E+08 (R)
387	S2P_ZT_Ro	2	11.86	76.1	1.24E+06 (R)
500	X3P_ZT.12	2	11.07	68.3	5.82E+05 (R)
550	X2P_ZT.16	2	10.74	75	7.46E+06 (R)
634	S5P_ZT_Ro	2	10.08	65.7	9.07E+05 (R)
645	S4P_ZT_Ro	2	10.01	62.4	1.57E+06 (R)
661	S1P_ZT_Ro	2	9.95	73.6	1.34E+06 (R)
830	X4P_ZT.12	2	9.06	66.6	1.02E+06 (R)
846	L3P_ZT.12	2	9	62	9.07E+05 (R)
1514	S3P_ZT_Ro	2	6.72	77.4	4.76E+05 (R)
1832	L1P_ZT.15	2	5.98	75.9	5.67E+06 (R)
1634	X3P_ZT.23	3	6.45	100	6.29E+05 (K)
1969	X2P_ZT.47	4	5.67	100	4.98E+04 (I)
1878	S2P_ZT_Ro	5	5.87	67.8	6.11E+04 (K)
1144	S1P_ZT_Ro	2	7.86	71.6	4.59E+04 (R)
2154	L5P_ZT.82	3	5.33	83.8	4.16E+04 (R)
2168	X3P_ZT.78	3	5.3	83.9	8.07E+04 (R)
1746	S4P_ZT_Ro	3	6.2	63.3	8.01E+04 (R)
1034	L1P_ZT.48	3	8.27	79.8	5.07E+05 (R)
1142	X4P_ZT.49	3	7.86	77.4	2.50E+05 (R)
1454	L2P_ZT.47	3	6.85	66.4	2.88E+05 (R)
1925	L3P_ZT.49	3	5.76	61.8	4.93E+05 (R)
978	X5P_ZT.25	5	8.44	64.1	2.34E+05 (R)

71	X4P_ZT.56	2	16.42	72.9	1.03E+08	(F)
79	S3P_ZT_Ro	2	16.13	81.3	1.64E+07	(F)
97	S4P_ZT_Ro	2	15.55	81.6	3.23E+06	(F)
98	L3P_ZT.63	2	15.55	80	1.41E+06	(F)
261	S4P_ZT_Ro	2	13.13	72.5	8.44E+06	(F)
263	S2P_ZT_Ro	2	13.11	79.7	1.26E+07	(F)
275	S1P_ZT_Ro	2	12.92	76	2.60E+07	(F)
312	S5P_ZT_Ro	2	12.58	80.9	8.66E+06	(F)
318	X3P_ZT.56	2	12.54	71.9	4.16E+07	(F)
485	L3P_ZT.65	2	11.21	68.5	1.41E+06	(F)
813	S2P_ZT_Ro	2	9.13	62.3	3.10E+07	(F)
157	L3P_ZT.80	2	14.57	88.4	4.40E+06	(P)
307	X4P_ZT.70	2	12.59	85	3.95E+06	(P)
532	S3P_ZT_Ro	2	10.84	71.2	3.91E+06	(P)
654	S2P_ZT_Ro	2	9.98	66.3	4.97E+06	(P)
687	S4P_ZT_Ro	2	9.79	62.2	4.56E+06	(P)
868	S2P_ZT_Ro	2	8.92	61.3	7.53E+06	(S)
1058	L1P_ZT.41	2	8.15	66.1	5.06E+06	(K)
1438	X1P_ZT.39	2	6.89	62.9	2.81E+07	(K)
1484	L3P_ZT.41	2	6.78	86.7	1.64E+06	(K)
1600	L5P_ZT.44	2	6.52	75.5	5.39E+05	(K)
1753	L4P_ZT.42	2	6.19	76.2	3.52E+04	(K)
1767	X1P_ZT.41	2	6.14	61.2	5.92E+05	(K)
1850	X3P_ZT.43	2	5.92	76.1	2.55E+06	(K)
1857	L3P_ZT.46	2	5.92	100	1.84E+06	(K)
1911	L3P_ZT.42	2	5.79	63.2	1.14E+07	(K)
2020	L1P_ZT.41	2	5.59	64.3	8.65E+06	(K)
2075	X3P_ZT.43	2	5.47	100	2.74E+05	(K)
2138	L2P_ZT.39	2	5.36	92.6	2.28E+07	(K)
2163	L5P_ZT.44	2	5.32	78.3	1.07E+06	(K)
2179	X2P_ZT.42	2	5.28	70	7.95E+06	(K)
2189	X1P_ZT.41	2	5.26	88.7	8.38E+05	(K)
2194	L5P_ZT.43	2	5.26	90.6	2.06E+06	(K)
2222	X5P_ZT.44	2	5.22	88.9	4.35E+05	(K)
2226	X3P_ZT.45	2	5.22	100	2.98E+05	(K)
2232	L2P_ZT.43	2	5.22	100	3.69E+04	(K)
2233	L3P_ZT.46	2	5.22	100	5.69E+04	(K)
2248	L1P_ZT.41	2	5.2	80.3	3.84E+06	(K)
2255	X1P_ZT.41	2	5.17	78	8.36E+04	(K)
2296	L4P_ZT.42	2	5.09	85.6	3.52E+04	(K)
109	S5P_ZT_Ro	2	15.32	87.9	5.92E+06	(S)
118	X3P_ZT.35	2	15.07	88.4	3.03E+06	(S)
141	X4P_ZT.36	2	14.8	91.6	7.84E+06	(S)
150	S4P_ZT_Ro	2	14.62	87	8.26E+06	(S)
186	L3P_ZT.53	2	14.09	68.4	6.43E+04	(S)
257	L3P_ZT.36	2	13.21	86.9	4.39E+06	(S)
328	S4P_ZT_Ro	2	12.45	86.4	1.01E+05	(S)

339	S5P_ZT_Ro	2	12.37	80.7	8.26E+04	(S)
342	S1P_ZT_Ro	2	12.36	91.3	6.70E+06	(S)
356	S1P_ZT_Ro	2	12.2	79.9	6.70E+06	(S)
468	S4P_ZT_Ro	2	11.34	74.6	8.26E+06	(S)
525	S3P_ZT_Ro	2	10.88	72.6	2.57E+06	(S)
553	S3P_ZT_Ro	2	10.71	63.7	6.56E+04	(S)
569	S1P_ZT_Ro	2	10.56	90.6	3.32E+04	(S)
648	L3P_ZT.359	2	10.01	68.9	4.36E+06	(S)
651	S2P_ZT_Ro	2	9.99	92.2	5.22E+04	(S)
681	S2P_ZT_Ro	2	9.82	62.1	2.38E+06	(S)
1237	L1P_ZT.386	2	7.53	60.9	4.94E+07	(S)
385	X3P_ZT.128	2	11.86	88.6	2.20E+07	(R)
386	S5P_ZT_Ro	2	11.86	89	2.03E+07	(R)
400	S2P_ZT_Ro	2	11.8	86	1.99E+07	(R)
401	S1P_ZT_Ro	2	11.8	86.6	2.17E+07	(R)
406	X4P_ZT.129	2	11.76	84.9	1.98E+07	(R)
475	L3P_ZT.134	2	11.29	85.6	2.03E+07	(R)
476	S4P_ZT_Ro	2	11.28	84.8	1.84E+07	(R)
503	S3P_ZT_Ro	2	11.02	94.9	2.09E+07	(R)
507	S5P_ZT_Ro	2	11	77.2	2.03E+07	(R)
520	X1P_ZT.137	2	10.91	83.5	9.12E+05	(R)
526	S4P_ZT_Ro	2	10.87	77.4	1.84E+07	(R)
528	S3P_ZT_Ro	2	10.86	88	2.14E+07	(R)
665	X2P_ZT.135	2	9.93	78	1.23E+06	(R)
973	S2P_ZT_Ro	2	8.47	64	1.99E+07	(R)
989	S1P_ZT_Ro	2	8.42	73.8	2.17E+07	(R)
1087	X4P_ZT.127	2	8.06	70.9	1.98E+07	(R)
1138	X5P_ZT.130	2	7.87	66.1	5.83E+05	(R)
1156	L3P_ZT.139	2	7.82	63.4	2.03E+07	(R)
1958	L2P_ZT.328	2	5.71	86	3.56E+05	(R)
1955	X3P_ZT.478	3	5.71	61.7	1.73E+06	(K)
362	S4P_ZT_Ro	2	12.14	73.2	4.96E+07	(R)
451	X4P_ZT.527	2	11.44	68.2	1.32E+08	(R)
461	X3P_ZT.545	2	11.38	72.2	3.94E+07	(R)
499	S1P_ZT_Ro	2	11.08	69.7	2.82E+07	(R)
596	L3P_ZT.607	2	10.37	67.5	7.74E+07	(R)
611	S2P_ZT_Ro	2	10.25	66.5	2.55E+07	(R)
630	S3P_ZT_Ro	2	10.15	70.7	4.40E+07	(R)
751	S5P_ZT_Ro	2	9.48	63.9	5.11E+07	(R)
756	L3P_ZT.718	2	9.46	74.9	6.99E+05	(R)
1185	X5P_ZT.536	2	7.72	68.4	1.25E+06	(R)
1954	X4P_ZT.639	2	5.71	80.7	1.83E+07	(R)
517	S4P_ZT_Ro	2	10.93	62.3	2.79E+06	(R)
659	S3P_ZT_Ro	2	9.96	67.5	3.15E+06	(R)
750	S1P_ZT_Ro	2	9.49	62.5	3.71E+06	(R)
850	S2P_ZT_Ro	2	8.99	62.3	4.89E+06	(R)
1104	S2P_ZT_Ro	2	8.02	85.6	4.89E+06	(R)

1116	S1P_ZT_Ro	2	7.97	62.6	3.71E+06	(R)
1678	X4P_ZT.482	2	6.33	64.9	1.96E+05	(R)
847	X4P_ZT.320	6	8.99	68.2	2.10E+06	(R)
1559	L4P_ZT.322	5	6.63	78.3	3.78E+05	(R)
2257	L4P_ZT.317	5	5.17	100	3.78E+05	(R)
1146	S1P_ZT_Ro	3	7.86	65	3.00E+04	(R)
6	S3P_ZT_Ro	2	21.11	97.3	1.12E+08	(R)
20	L3P_ZT.104	2	19.52	95.6	3.51E+08	(R)
21	X4P_ZT.971	2	19.45	92.7	2.37E+08	(R)
24	S1P_ZT_Ro	2	19.28	96.7	2.12E+08	(R)
26	S5P_ZT_Ro	2	19.23	95.2	1.90E+08	(R)
27	S4P_ZT_Ro	2	19.19	93.5	2.24E+08	(R)
36	X3P_ZT.981	2	18.36	90.4	1.90E+08	(R)
42	S2P_ZT_Ro	2	17.91	92.9	1.28E+08	(R)
313	L5P_ZT.110	2	12.58	83.7	3.71E+06	(R)
337	X2P_ZT.107	2	12.39	72.4	7.06E+06	(R)
365	S1P_ZT_Ro	2	12.1	64.7	2.12E+08	(R)
471	L4P_ZT.120	2	11.33	79.9	4.44E+06	(R)
587	S5P_ZT_Ro	2	10.4	60.7	1.90E+08	(R)
603	S4P_ZT_Ro	2	10.31	71.4	2.24E+08	(R)
728	S2P_ZT_Ro	2	9.59	86.6	1.28E+08	(R)
767	X1P_ZT.112	2	9.41	73.1	5.72E+06	(R)
833	L1P_ZT.104	2	9.06	72.2	9.06E+06	(R)
855	S2P_ZT_Ro	2	8.97	60.2	1.28E+08	(R)
1056	L1P_ZT.105	2	8.17	68.8	9.06E+06	(R)
116	S2P_ZT_Ro	3	15.17	100	6.52E+04	(R)
180	S3P_ZT_Ro	3	14.14	61.4	2.80E+06	(R)
202	S4P_ZT_Ro	3	13.89	63.6	3.69E+06	(R)
203	S2P_ZT_Ro	3	13.89	63.8	3.80E+06	(R)
264	S5P_ZT_Ro	3	13.1	60.7	3.35E+06	(R)
274	L3P_ZT.248	3	12.95	67.1	1.80E+06	(R)
695	X4P_ZT.251	3	9.76	63.5	1.60E+06	(R)
1028	S1P_ZT_Ro	2	8.28	68.8	9.26E+05	(R)
1260	L3P_ZT.247	2	7.45	60.5	3.96E+05	(R)
1984	X2P_ZT.475	3	5.65	61.7	3.10E+05	(R)
1816	X5P_ZT.354	5	6.02	64.4	1.27E+05	(R)
1341	X5P_ZT.217	4	7.16	63.2	3.03E+06	(R)
1646	S2P_ZT_Ro	4	6.42	62.6	5.93E+05	(R)
2023	L5P_ZT.219	4	5.59	64.8	2.18E+06	(R)
2153	S1P_ZT_Ro	4	5.33	63.7	1.37E+06	(R)
2029	L1P_ZT.485	5	5.57	72.3	1.97E+04	(R)
2098	S2P_ZT_Ro	6	5.44	71.8	2.86E+05	(R)
1316	S1P_ZT_Ro	3	7.26	66.1	4.54E+06	(R)
1576	L4P_ZT.116	3	6.58	100	8.47E+06	(R)
1616	L3P_ZT.114	3	6.48	73.5	3.26E+05	(R)
1705	X2P_ZT.103	3	6.28	100	1.33E+06	(R)
1758	X2P_ZT.100	3	6.17	100	1.33E+06	(R)

1995	L1P_ZT.10	3	5.64	87.3	1.07E+07	(R)
1452	X3P_ZT.24	3	6.85	61.9	2.32E+06	(R)
974	S2P_ZT_Ro	6	8.47	73.2	4.82E+04	(R)
1966	S2P_ZT_Ro	6	5.68	72.3	3.16E+04	(R)
1141	S1P_ZT_Ro	6	7.87	66.5	5.04E+04	(R)
1189	L1P_ZT.22	2	7.71	65.3	1.05E+06	(G)
1551	X3P_ZT.36	6	6.64	71.3	2.26E+04	(R)
1659	X2P_ZT.37	6	6.37	67.3	1.08E+06	(R)
2043	S1P_ZT_Ro	6	5.54	77.4	1.27E+06	(R)
2040	X2P_ZT.51	2	5.54	71.7	3.30E+04	(R)
558	L3P_ZT.26	2	10.66	60.9	1.44E+08	(R)
578	S4P_ZT_Ro	2	10.46	62.2	1.75E+08	(R)
624	L1P_ZT.23	2	10.17	63	3.73E+06	(R)
625	X2P_ZT.28	2	10.16	62.9	7.57E+06	(R)
680	S5P_ZT_Ro	2	9.83	62.7	3.21E+07	(R)
684	S3P_ZT_Ro	2	9.8	61.9	4.39E+07	(R)
696	X4P_ZT.25	2	9.76	61.1	1.37E+08	(R)
715	S2P_ZT_Ro	2	9.67	66.7	4.99E+07	(R)
720	L1P_ZT.25	2	9.65	65.2	4.45E+06	(R)
762	S4P_ZT_Ro	2	9.43	61.4	5.20E+07	(R)
775	S1P_ZT_Ro	2	9.37	60.9	6.26E+07	(R)
803	X2P_ZT.26	2	9.18	68.3	3.99E+06	(R)
811	L3P_ZT.24	2	9.15	61.3	6.07E+07	(R)
887	X4P_ZT.27	2	8.84	62	1.37E+08	(R)
915	S5P_ZT_Ro	2	8.72	100	3.21E+07	(R)
1046	S2P_ZT_Ro	2	8.22	87.6	3.28E+05	(R)
1072	L1P_ZT.25	2	8.11	86.8	4.45E+06	(R)
1119	L1P_ZT.25	2	7.96	70	4.45E+06	(R)
1175	L3P_ZT.26	2	7.75	61.5	1.44E+08	(R)
1197	X1P_ZT.26	2	7.67	82.9	2.87E+06	(R)
1268	L2P_ZT.23	2	7.44	68.6	5.54E+05	(R)
1360	X3P_ZT.27	2	7.11	85.6	1.24E+08	(R)
1388	L1P_ZT.25	2	7.01	66.3	4.45E+06	(R)
1394	S3P_ZT_Ro	2	7	100	1.28E+08	(R)
1521	L4P_ZT.26	2	6.71	85.1	7.27E+05	(R)
1639	S3P_ZT_Ro	2	6.43	64.3	4.39E+07	(R)
1800	X4P_ZT.18	2	6.06	78.3	3.78E+06	(R)
1823	S1P_ZT_Ro	2	6	75.7	6.26E+07	(R)
1935	L2P_ZT.25	2	5.74	68.6	1.76E+06	(R)
1949	L2P_ZT.23	2	5.72	100	5.54E+05	(R)
1951	L3P_ZT.28	2	5.72	100	1.51E+05	(R)
1978	L4P_ZT.28	2	5.66	81.2	1.50E+06	(R)
2033	L1P_ZT.29	4	5.56	67	4.02E+05	(K)
1364	X3P_ZT.36	7	7.09	60.6	4.99E+04	(K)
371	S4P_ZT_Ro	3	11.99	81.2	4.46E+06	(N)
664	X4P_ZT.17	2	9.93	76.2	3.51E+05	(N)
675	S1P_ZT_Ro	3	9.88	89.2	1.81E+06	(N)

783	S2P_ZT_Ro	3	9.31	79.4	2.48E+06	(N)
822	L3P_ZT.177	3	9.1	76.4	1.00E+07	(N)
921	L3P_ZT.179	2	8.7	75.2	2.06E+06	(N)
1183	S3P_ZT_Ro	3	7.73	62	1.71E+06	(N)
1198	S3P_ZT_Ro	3	7.67	65.2	1.71E+06	(N)
1478	X4P_ZT.172	3	6.78	67.3	2.03E+06	(N)
1530	L3P_ZT.182	3	6.69	87.2	1.03E+07	(N)
1643	X3P_ZT.786	4	6.42	100	3.90E+05	(N)
367	L3P_ZT.138	4	12.08	81	2.01E+06	(N)
484	S4P_ZT_Ro	4	11.21	76	2.11E+06	(N)
600	S4P_ZT_Ro	2	10.33	83.1	2.42E+05	(N)
633	S2P_ZT_Ro	4	10.09	82.3	2.50E+06	(N)
700	S5P_ZT_Ro	2	9.74	78.7	2.64E+05	(N)
706	S1P_ZT_Ro	2	9.71	81.4	2.62E+05	(N)
718	X4P_ZT.131	2	9.65	69	3.95E+05	(N)
764	S2P_ZT_Ro	3	9.43	69	1.74E+06	(N)
842	S1P_ZT_Ro	4	9.02	69.8	2.12E+06	(N)
843	S2P_ZT_Ro	2	9.01	91.7	2.80E+05	(N)
948	L3P_ZT.136	4	8.58	62.8	2.01E+06	(N)
957	S1P_ZT_Ro	2	8.53	73.3	2.62E+05	(N)
981	S5P_ZT_Ro	4	8.44	63.3	2.57E+06	(N)
1018	S3P_ZT_Ro	4	8.32	66.9	1.64E+06	(N)
1121	S5P_ZT_Ro	3	7.95	66.8	1.82E+06	(N)
1186	X3P_ZT.128	4	7.72	60.1	3.69E+06	(N)
1218	X3P_ZT.131	2	7.58	70.9	4.63E+05	(N)
1266	S2P_ZT_Ro	4	7.44	60.3	2.50E+06	(N)
1273	S4P_ZT_Ro	3	7.42	100	1.57E+06	(N)
1357	S1P_ZT_Ro	4	7.12	100	2.12E+06	(N)
1358	L3P_ZT.138	3	7.12	100	1.47E+06	(N)
691	S4P_ZT_Ro	4	9.77	62.8	1.18E+06	(E)
953	L5P_ZT.482	4	8.55	68.3	1.23E+06	(E)
1397	X4P_ZT.479	4	6.99	82.8	1.23E+06	(E)
1672	X2P_ZT.487	4	6.34	89	1.51E+06	(E)
1703	X4P_ZT.507	4	6.28	83.6	1.19E+05	(K)
2048	X2P_ZT.265	2	5.53	76.5	1.05E+05	(R)
1996	S2P_ZT_Ro	4	5.63	75.3	1.46E+06	(R)
1806	X3P_ZT.363	7	6.05	68.6	1.80E+05	(N)
2034	L3P_ZT.359	7	5.56	75	1.93E+05	(N)
1583	X4P_ZT.150	3	6.56	74.3	1.12E+05	(T)
1618	L5P_ZT.463	5	6.48	64.7	7.96E+04	(L)
752	L4P_ZT.250	2	9.48	68.3	4.83E+06	(K)
776	X1P_ZT.229	2	9.36	74.8	2.69E+07	(K)
815	X2P_ZT.247	2	9.12	70.7	1.02E+07	(K)
874	S2P_ZT_Ro	2	8.89	69.4	9.94E+06	(K)
910	S1P_ZT_Ro	2	8.74	77.9	1.59E+07	(K)
949	L5P_ZT.244	2	8.58	73.5	1.00E+07	(K)
969	S5P_ZT_Ro	2	8.48	74.3	1.47E+07	(K)

976	S4P_ZT_Ro	2	8.45	69.8	1.05E+07	(K)
1098	X3P_ZT.23	2	8.03	80.3	2.43E+07	(K)
1152	X2P_ZT.24	2	7.83	72.8	1.02E+07	(K)
1169	L1P_ZT.22	2	7.77	69.9	1.01E+07	(K)
1173	S3P_ZT_Ro	2	7.75	71.7	9.02E+06	(K)
1369	X4P_ZT.23	2	7.07	72.3	5.05E+06	(K)
1464	L2P_ZT.22	2	6.83	66.9	8.79E+06	(K)
1737	L3P_ZT.23	2	6.22	71	1.23E+07	(K)
1815	X5P_ZT.24	2	6.02	70.3	1.06E+07	(K)
1837	L4P_ZT.24	2	5.96	64.7	8.62E+06	(K)
2197	X1P_ZT.23	2	5.25	62.1	1.31E+07	(K)
2185	L4P_ZT.26	2	5.27	68.7	1.02E+06	(K)
1113	S1P_ZT_Ro	2	7.98	77.6	1.01E+06	(K)
1279	X3P_ZT.29	3	7.39	82.4	9.13E+05	(K)
1346	S4P_ZT_Ro	2	7.15	60.7	7.64E+05	(K)
1653	S4P_ZT_Ro	2	6.4	60.3	7.64E+05	(K)
1749	L5P_ZT.30	3	6.2	100	1.25E+06	(K)
1774	X1P_ZT.28	3	6.13	78.1	4.76E+05	(K)
1897	S1P_ZT_Ro	2	5.82	80.2	9.54E+05	(K)
2054	L5P_ZT.30	3	5.53	65.4	1.51E+06	(K)
2104	L5P_ZT.29	3	5.42	63.1	1.25E+06	(K)
2186	L5P_ZT.30	3	5.27	65.4	1.25E+06	(K)
2302	X3P_ZT.32	2	5.06	92.3	3.19E+05	(K)
1593	S3P_ZT_Ro	2	6.54	67.9	3.12E+06	(K)
2322	L4P_ZT.26	2	5.02	75.6	1.13E+06	(K)
2047	X3P_ZT.17	2	5.53	62.3	2.24E+05	(K)
1495	X4P_ZT.50	3	6.75	100	6.41E+04	(L)
858	L3P_ZT.17	2	8.96	77.3	1.21E+06	(N)
1097	X5P_ZT.17	2	8.03	64.5	3.41E+05	(N)
902	L1P_ZT.79	2	8.77	77.4	1.01E+05	(K)
1404	L1P_ZT.79	3	6.98	70.8	1.69E+05	(K)
2058	X1P_ZT.86	3	5.51	70.1	5.91E+05	(K)
1826	L3P_ZT.51	3	6	62	7.17E+06	(K)
1906	X4P_ZT.26	4	5.79	63.5	4.12E+04	(K)
1368	S2P_ZT_Ro	5	7.08	64.7	4.81E+04	(Y)
798	S1P_ZT_Ro	3	9.22	70.5	1.54E+05	(Y)
1931	S1P_ZT_Ro	3	5.75	68	3.82E+04	(K)
2147	S1P_ZT_Ro	3	5.34	69.1	5.02E+05	(K)
1238	X4P_ZT.29	3	7.52	69.5	2.68E+04	(G)
1453	X3P_ZT.28	3	6.85	62.5	2.17E+05	(G)
1765	S4P_ZT_Ro	3	6.15	61.8	4.27E+05	(G)
1081	X5P_ZT.82	3	8.07	68.2	3.16E+04	(R)
1247	X4P_ZT.16	3	7.49	67.8	3.72E+04	(R)
1824	S1P_ZT_Ro	3	6	74.9	2.06E+06	(K)
1876	X5P_ZT.35	4	5.87	64.4	4.51E+05	(F)
1242	L2P_ZT.26	3	7.51	75	1.40E+06	(C)
1512	X3P_ZT.27	3	6.72	74.8	1.08E+06	(C)

1588	L3P_ZT.269	3	6.55	68.3	1.45E+06	(C)
1724	S4P_ZT_Ro	3	6.24	74.4	2.00E+06	(C)
1527	L2P_ZT.477	3	6.7	60.6	3.33E+05	(L)
1686	S4P_ZT_Ro	3	6.31	75.2	2.61E+05	(L)
1182	S5P_ZT_Ro	4	7.73	72.1	3.29E+06	(K)
1324	L1P_ZT.205	2	7.23	62.8	5.84E+05	(K)
1960	L5P_ZT.228	3	5.71	68	1.28E+05	(K)
1200	L5P_ZT.533	4	7.67	80.2	7.48E+05	(K)
1642	X3P_ZT.552	4	6.42	62	9.73E+05	(K)
1791	L1P_ZT.417	4	6.09	72.3	1.94E+06	(K)
1862	L3P_ZT.537	4	5.91	70	1.16E+06	(K)
2208	X1P_ZT.266	5	5.24	61.2	5.62E+05	(K)
1093	S2P_ZT_Ro	3	8.05	61.2	3.11E+05	(K)
1716	X1P_ZT.280	3	6.25	60.1	2.70E+05	(K)
1944	X1P_ZT.281	3	5.72	78.4	2.70E+05	(K)
1102	S5P_ZT_Ro	3	8.02	72.2	1.62E+05	(K)
1700	S1P_ZT_Ro	3	6.29	77	2.87E+05	(K)
1896	S2P_ZT_Ro	3	5.82	75.7	2.09E+05	(K)
2221	L5P_ZT.488	3	5.23	71.4	2.61E+05	(K)
2250	L5P_ZT.489	3	5.2	69.6	2.61E+05	(K)
2171	L1P_ZT.494	3	5.3	61.6	1.91E+05	(K)
1132	S3P_ZT_Ro	3	7.9	61.3	1.27E+06	(K)
1509	X1P_ZT.291	3	6.73	68.5	1.00E+06	(K)
1689	S4P_ZT_Ro	3	6.3	60.1	1.51E+06	(K)
1846	S5P_ZT_Ro	3	5.93	75.9	1.14E+06	(K)
1100	X5P_ZT.320	5	8.02	62.6	9.31E+05	(K)
1623	S1P_ZT_Ro	3	6.47	66.3	1.52E+04	(K)
1722	L5P_ZT.320	5	6.25	73.9	2.46E+06	(K)
1868	S2P_ZT_Ro	4	5.9	65.2	2.62E+06	(K)
1895	X2P_ZT.323	5	5.82	77.8	1.53E+06	(K)
1932	S3P_ZT_Ro	3	5.74	62.2	2.01E+05	(K)
2079	S5P_ZT_Ro	3	5.47	63.4	7.86E+04	(K)
2234	L4P_ZT.282	5	5.22	60.8	5.34E+04	(K)
1337	L3P_ZT.299	6	7.19	61	5.76E+04	(K)
2318	L5P_ZT.377	4	5.03	61.7	9.18E+04	(K)
1577	L4P_ZT.189	3	6.58	69.3	5.37E+04	(C)
1339	X4P_ZT.464	4	7.17	88.5	4.29E+06	(L)
2315	X3P_ZT.317	2	5.03	61.4	4.36E+05	(K)
2105	L5P_ZT.445	3	5.42	75.5	2.83E+05	(K)
1507	L4P_ZT.380	4	6.74	63.9	1.83E+04	(K)
1872	S4P_ZT_Ro	4	5.89	79	1.81E+05	(K)
2101	S1P_ZT_Ro	4	5.43	73.1	3.94E+05	(K)
2243	L3P_ZT.525	4	5.21	62.2	8.30E+04	(K)
1885	X3P_ZT.467	5	5.84	62	1.28E+05	(K)
1680	S2P_ZT_Ro	3	6.32	76.5	1.27E+04	(K)
871	X3P_ZT.344	5	8.89	66.2	5.94E+05	(K)
1039	L3P_ZT.535	4	8.26	63.2	7.11E+05	(K)

1180	L4P_ZT.497	4	7.74	62.2	5.55E+05	(K)
1943	L4P_ZT.408	5	5.73	67.5	3.21E+04	(K)
1017	L5P_ZT.465	5	8.33	61.3	6.99E+04	(K)
1793	X5P_ZT.295	5	6.08	70.5	4.05E+05	(K)
1907	X4P_ZT.293	5	5.79	74.6	1.51E+06	(K)
2160	S1P_ZT_Ro	3	5.32	62.1	2.50E+05	(K)
1934	S1P_ZT_Ro	6	5.74	69.3	3.45E+04	(K)
1078	L4P_ZT.998	2	8.09	63.1	5.90E+05	(I)
2151	X4P_ZT.141	2	5.33	63.5	9.98E+04	(K)
2112	L2P_ZT.218	2	5.41	80.3	1.19E+06	(K)
2300	L3P_ZT.229	2	5.07	70.6	2.63E+06	(K)
1601	X3P_ZT.248	3	6.51	73.8	1.88E+05	(K)
1050	X4P_ZT.219	3	8.2	63.2	5.17E+04	(N)
1345	X3P_ZT.217	3	7.15	63.7	4.98E+04	(N)
1297	S3P_ZT_Ro	6	7.32	64.3	1.34E+05	(R)
1776	S2P_ZT_Ro	5	6.13	69.8	3.53E+04	(R)
1948	S1P_ZT_Ro	3	5.72	77.2	9.69E+04	(R)
2268	L3P_ZT.248	2	5.15	89.1	6.21E+05	(R)
1367	S3P_ZT_Ro	2	7.08	61.4	1.92E+06	(R)
1752	L1P_ZT.457	2	6.19	66.6	2.57E+06	(R)
1852	S5P_ZT_Ro	2	5.92	61.5	2.29E+06	(R)
1103	S3P_ZT_Ro	2	8.02	76.1	3.13E+06	(R)
1425	X5P_ZT.527	2	6.92	83.7	2.45E+06	(R)
1561	X1P_ZT.476	2	6.62	84.6	1.69E+06	(R)
2220	L5P_ZT.432	3	5.23	66	4.46E+05	(R)
1775	S3P_ZT_Ro	7	6.13	64.4	2.39E+05	(R)
2013	X3P_ZT.222	4	5.6	88.4	7.80E+05	(R)
1071	S3P_ZT_Ro	3	8.11	67.7	2.75E+06	(D)
1277	X3P_ZT.320	3	7.4	66.5	2.80E+06	(D)
1282	X1P_ZT.311	3	7.38	65.2	3.63E+06	(D)
1405	L2P_ZT.304	3	6.98	61.2	3.78E+06	(D)
1446	L4P_ZT.326	3	6.88	72.9	2.40E+06	(D)
1449	L1P_ZT.306	3	6.87	63.4	5.43E+06	(D)
1556	S4P_ZT_Ro	3	6.63	61.4	3.10E+06	(D)
1638	X3P_ZT.321	3	6.43	64	2.80E+06	(D)
1595	S5P_ZT_Ro	5	6.52	83.2	1.84E+05	(V)
879	L5P_ZT.526	3	8.87	68.7	1.24E+07	(V)
908	X1P_ZT.490	3	8.75	71.3	8.04E+06	(V)
992	S5P_ZT_Ro	3	8.41	69.4	2.58E+07	(V)
1048	X3P_ZT.530	3	8.21	67.9	1.56E+07	(V)
1076	X4P_ZT.527	3	8.09	67.5	1.13E+07	(V)
1115	S3P_ZT_Ro	3	7.97	71.7	2.31E+07	(V)
1158	S5P_ZT_Ro	3	7.8	65.3	2.58E+07	(V)
1391	S5P_ZT_Ro	3	7	68.2	2.58E+07	(V)
1444	L2P_ZT.498	3	6.88	67.1	1.43E+07	(V)
1534	X4P_ZT.511	3	6.68	60.2	4.49E+04	(V)
1630	L1P_ZT.509	3	6.46	62.1	2.47E+07	(V)

1235	X3P_ZT.47	4	7.54	64.4	9.39E+04	(V)
862	S1P_ZT_Ro	3	8.94	60.2	5.78E+06	(K)
2133	X2P_ZT.13	2	5.36	68.7	8.35E+05	(R)
875	X5P_ZT.25	3	8.88	64.7	1.12E+05	(R)
952	L3P_ZT.24	3	8.56	67.3	2.41E+05	(R)
1080	L1P_ZT.23	3	8.08	83.7	2.54E+05	(R)
1094	X3P_ZT.24	3	8.04	67.4	1.80E+05	(R)
1120	X3P_ZT.24	3	7.95	66.7	1.80E+05	(R)
1536	L5P_ZT.25	3	6.68	71.4	4.20E+05	(R)
1811	X2P_ZT.25	3	6.04	70	2.64E+05	(R)
1928	X4P_ZT.25	3	5.75	100	2.52E+05	(R)
826	L4P_ZT.23	2	9.09	68.7	1.45E+06	(R)
1035	X2P_ZT.22	2	8.26	77.7	1.66E+06	(R)
1191	L3P_ZT.21	2	7.7	73.5	5.20E+06	(R)
1223	L1P_ZT.20	2	7.57	63.6	1.25E+06	(R)
1522	X5P_ZT.22	2	6.7	66.3	1.63E+06	(R)
1673	X1P_ZT.21	2	6.34	67.5	1.53E+06	(R)
1723	S4P_ZT_Ro	2	6.24	84	5.58E+06	(R)
1743	S1P_ZT_Ro	2	6.21	82.8	4.66E+06	(R)
1766	L5P_ZT.22	2	6.15	70.7	3.08E+06	(R)
1777	X3P_ZT.21	2	6.12	78.7	2.20E+06	(R)
1820	S3P_ZT_Ro	2	6.01	68.5	4.87E+06	(R)
1915	S5P_ZT_Ro	2	5.78	76.8	8.15E+06	(R)
2073	S2P_ZT_Ro	2	5.48	65.4	4.11E+06	(R)
2150	X5P_ZT.22	2	5.33	67.6	1.63E+06	(R)
2158	S3P_ZT_Ro	2	5.32	65.9	4.87E+06	(R)
2284	X3P_ZT.21	2	5.1	61.5	2.20E+06	(R)
2308	L4P_ZT.187	2	5.06	64.2	1.87E+05	(R)
2207	X2P_ZT.10	2	5.24	61	1.13E+06	(R)
2298	L3P_ZT.197	2	5.08	64.5	8.89E+05	(R)
2044	L4P_ZT.127	2	5.54	81	2.67E+05	(R)
2002	S5P_ZT_Ro	2	5.62	67.5	3.07E+05	(R)
713	S4P_ZT_Ro	2	9.68	61.9	1.53E+06	(F)
1003	X5P_ZT.19	3	8.36	63	3.75E+06	(F)
1582	L3P_ZT.361	3	6.57	65.3	3.89E+04	(E)
1310	L5P_ZT.45	3	7.28	62.6	6.67E+04	(G)
1399	L3P_ZT.24	3	6.99	70.1	8.80E+05	(V)
1798	S2P_ZT_Ro	7	6.07	60.2	2.90E+05	(R)
1386	S2P_ZT_Ro	6	7.02	65.5	1.65E+05	(R)
1336	X5P_ZT.82	3	7.19	67.7	2.31E+06	(E)
1589	L4P_ZT.99	3	6.55	60.3	2.28E+06	(E)
1603	X3P_ZT.82	3	6.51	62.6	3.52E+06	(E)
1965	X5P_ZT.82	2	5.68	77.5	5.65E+05	(K)
2175	S2P_ZT_Ro	2	5.29	71.4	4.86E+05	(K)
1515	S2P_ZT_Ro	4	6.72	72.4	5.98E+04	(K)
1348	S4P_ZT_Ro	5	7.15	62.7	3.98E+05	(R)
1416	S4P_ZT_Ro	5	6.95	67.4	3.98E+05	(R)

1575	L3P_ZT.528	5	6.58	69.2	2.03E+05	(R)
1594	L3P_ZT.531	5	6.53	80.5	2.05E+05	(R)
1719	S2P_ZT_Ro	5	6.25	65.4	3.95E+05	(R)
1735	S5P_ZT_Ro	5	6.22	72.2	3.14E+05	(R)
1828	S1P_ZT_Ro	4	5.99	61.2	1.32E+05	(R)
1893	L5P_ZT.530	5	5.83	67.5	3.93E+04	(R)
1919	S3P_ZT_Ro	5	5.77	68.4	2.98E+05	(R)
1971	S2P_ZT_Ro	5	5.67	72.4	3.95E+05	(R)
2049	S1P_ZT_Ro	5	5.53	69.6	3.98E+05	(R)
2036	X3P_ZT.159	2	5.55	77.1	5.75E+06	(R)
2056	S4P_ZT_Ro	3	5.52	62.5	1.20E+06	(-)
2080	L2P_ZT.171	2	5.47	92.6	2.61E+05	(-)
1314	S5P_ZT_Ro	5	7.26	73.2	1.29E+05	(K)
1489	S3P_ZT_Ro	5	6.77	61.4	1.76E+06	(K)
2301	L5P_ZT.404	3	5.07	91.6	6.85E+05	(K)
1734	X1P_ZT.407	4	6.22	61.1	3.38E+05	(K)
2266	S1P_ZT_Ro	2	5.15	69.4	1.11E+06	(K)
1819	S4P_ZT_Ro	3	6.01	73	1.64E+06	(K)
2094	S5P_ZT_Ro	2	5.45	65.8	3.25E+05	(K)
2254	X2P_ZT.369	7	5.17	84.8	6.20E+04	(R)
1125	X2P_ZT.130	3	7.93	91.8	2.80E+06	(K)
1228	S2P_ZT_Ro	3	7.56	66.1	1.17E+06	(K)
1409	S5P_ZT_Ro	3	6.97	100	1.03E+06	(K)
1443	S4P_ZT_Ro	3	6.88	77.9	6.34E+05	(K)
1625	L5P_ZT.131	3	6.47	100	2.79E+06	(K)
2240	S5P_ZT_Ro	3	5.21	82.1	1.03E+06	(K)
1335	S3P_ZT_Ro	4	7.2	75.1	1.45E+05	(F)
954	X2P_ZT.547	4	8.54	79.4	4.52E+05	(L)
1214	L5P_ZT.537	4	7.62	72.1	2.46E+05	(L)
1270	X3P_ZT.541	4	7.43	86.8	1.84E+05	(L)
1586	X5P_ZT.555	4	6.55	79.9	3.22E+05	(L)
1649	S2P_ZT_Ro	7	6.41	60.9	8.60E+05	(W)
1768	S4P_ZT_Ro	6	6.14	60.8	3.48E+04	(K)
2174	X1P_ZT.217	6	5.29	67.7	7.11E+03	(A)
742	L5P_ZT.197	3	9.56	61.5	5.91E+05	(R)
1799	L4P_ZT.204	3	6.07	70	1.74E+05	(R)
1585	X2P_ZT.553	5	6.56	63.4	3.76E+05	(E)
971	X4P_ZT.483	7	8.47	65	4.23E+05	(D)
647	L3P_ZT.250	2	10.01	77.4	2.36E+05	(N)
810	S4P_ZT_Ro	2	9.15	70.1	2.87E+05	(N)
913	X4P_ZT.256	2	8.72	67.8	1.50E+05	(N)
955	S5P_ZT_Ro	2	8.54	70.2	3.16E+05	(N)
1321	X4P_ZT.476	5	7.23	63.5	1.07E+05	(G)
726	L4P_ZT.320	2	9.61	73.5	1.49E+06	(D)
1015	S1P_ZT_Ro	2	8.33	65.4	3.25E+06	(D)
1021	S4P_ZT_Ro	2	8.31	68.9	2.45E+06	(D)
1377	X1P_ZT.306	2	7.04	69.6	8.72E+05	(D)

1005	S5P_ZT_Ro	3	8.36	62	6.90E+06	(V)
1154	S3P_ZT_Ro	3	7.82	62.3	1.77E+07	(V)
942	L4P_ZT.267	2	8.59	62.9	2.98E+05	(G)
1181	S5P_ZT_Ro	2	7.73	63.8	5.34E+05	(G)
1248	L3P_ZT.501	5	7.49	70.3	7.84E+04	(K)
1289	X5P_ZT.593	5	7.36	69.3	6.88E+04	(K)
1557	L3P_ZT.526	5	6.63	78.9	4.19E+04	(K)
2006	L1P_ZT.464	4	5.62	67.3	1.56E+06	(K)
1578	X5P_ZT.382	3	6.57	62.6	6.55E+06	(K)
2199	S4P_ZT_Ro	5	5.25	100	1.88E+04	(K)
2061	X5P_ZT.237	2	5.5	100	8.19E+05	(K)
2064	S4P_ZT_Ro	2	5.5	100	6.16E+05	(K)
2231	L2P_ZT.216	2	5.22	90.8	1.34E+06	(K)
2247	S1P_ZT_Ro	6	5.2	75	3.67E+04	(K)
2293	S1P_ZT_Ro	2	5.09	67	8.22E+05	(R)
1560	X2P_ZT.470	7	6.62	67	2.73E+05	(R)
1581	L2P_ZT.485	3	6.57	67.5	1.51E+05	(R)
2069	S5P_ZT_Ro	3	5.49	71.5	1.09E+05	(R)
2100	X3P_ZT.514	3	5.43	88.4	7.83E+04	(R)
1807	S5P_ZT_Ro	5	6.05	61.9	3.08E+06	(R)
1552	S3P_ZT_Ro	4	6.64	77.3	2.81E+04	(K)
1176	L5P_ZT.429	6	7.75	100	1.42E+05	(K)
1407	X3P_ZT.497	5	6.97	71.4	7.55E+04	(K)
1620	X3P_ZT.498	5	6.47	72.5	3.66E+04	(K)
1725	S2P_ZT_Ro	7	6.24	64	2.87E+05	(K)
2242	S2P_ZT_Ro	4	5.21	82.5	1.38E+04	(K)
419	S5P_ZT_Ro	2	11.67	88.8	2.30E+06	(F)
794	S4P_ZT_Ro	2	9.25	73.2	2.94E+06	(F)
841	S3P_ZT_Ro	2	9.02	85.4	2.25E+06	(F)
983	S2P_ZT_Ro	2	8.44	72.1	3.60E+06	(F)
1037	S1P_ZT_Ro	2	8.26	69.8	1.42E+06	(F)
1107	S4P_ZT_Ro	2	8.01	66.4	2.94E+06	(F)
1225	X3P_ZT.465	2	7.56	60.2	1.04E+05	(F)
559	X4P_ZT.473	2	10.65	82.2	2.91E+05	(K)
568	X2P_ZT.480	2	10.58	79.5	3.43E+05	(K)
646	L2P_ZT.452	2	10.01	70.9	8.63E+05	(K)
655	X3P_ZT.476	2	9.97	85.5	2.76E+05	(K)
702	L5P_ZT.475	2	9.74	77.4	1.21E+06	(K)
820	S4P_ZT_Ro	2	9.1	80.4	4.40E+05	(K)
965	L3P_ZT.473	2	8.5	70.8	1.23E+06	(K)
995	L1P_ZT.464	2	8.39	70.4	1.46E+06	(K)
1263	X1P_ZT.446	2	7.44	71.3	2.74E+06	(K)
1293	X2P_ZT.481	2	7.34	80.6	9.30E+05	(K)
1342	X5P_ZT.486	2	7.16	67.2	1.01E+06	(K)
1362	L1P_ZT.462	2	7.11	74.4	1.35E+06	(K)
1631	L2P_ZT.453	2	6.46	74.9	9.68E+05	(K)
1708	X1P_ZT.449	2	6.27	70.3	2.73E+06	(K)

2307	L3P_ZT.474	2	5.06	70.4	5.27E+05	(K)
1423	L2P_ZT.516	4	6.93	71	1.16E+07	(K)
1674	S5P_ZT_Ro	4	6.34	78.9	8.33E+06	(K)
1829	X4P_ZT.551	4	5.98	62.5	1.64E+07	(K)
2108	L5P_ZT.554	4	5.42	62.9	8.86E+06	(K)
1487	S4P_ZT_Ro	4	6.77	74	6.92E+05	(K)
1614	S5P_ZT_Ro	4	6.48	68.9	7.01E+05	(K)
2122	S2P_ZT_Ro	3	5.38	61.6	1.18E+06	(K)
1400	L3P_ZT.543	5	6.99	78.2	4.48E+04	(V)
1590	X3P_ZT.544	3	6.54	60.7	6.96E+04	(I)
2211	L3P_ZT.460	6	5.24	60.5	3.13E+05	(V)
1378	X1P_ZT.484	3	7.04	61.8	1.47E+05	(I)
1545	S5P_ZT_Ro	3	6.65	60.6	8.81E+05	(I)
1740	L4P_ZT.485	3	6.22	64.6	1.06E+05	(I)
1031	X2P_ZT.524	3	8.27	60.1	2.25E+05	(R)
1124	L1P_ZT.502	3	7.94	72.2	6.99E+05	(R)
1546	S4P_ZT_Ro	3	6.65	86.7	1.00E+06	(R)
1707	S4P_ZT_Ro	3	6.28	86.3	1.00E+06	(R)
1717	S3P_ZT_Ro	3	6.25	81.5	1.88E+05	(R)
1748	S1P_ZT_Ro	3	6.2	100	2.35E+05	(R)
1886	S5P_ZT_Ro	3	5.84	74.9	6.92E+05	(R)
2191	S2P_ZT_Ro	3	5.26	63.4	5.26E+05	(R)
1626	L5P_ZT.351	3	6.47	68.7	3.77E+04	(R)
1067	L4P_ZT.833	2	8.13	73.7	3.21E+06	(R)
1428	S4P_ZT_Ro	2	6.92	69.9	3.55E+06	(R)
1505	L3P_ZT.745	2	6.74	79.1	3.60E+06	(R)
1526	S2P_ZT_Ro	2	6.7	73.5	4.85E+06	(R)
1529	S1P_ZT_Ro	2	6.69	74.3	7.65E+06	(R)
1544	X2P_ZT.692	2	6.65	83	3.51E+06	(R)
1972	S2P_ZT_Ro	2	5.67	68.8	4.85E+06	(R)
1161	X3P_ZT.395	6	7.79	61.5	4.36E+04	(R)
1492	L3P_ZT.389	5	6.77	63.7	2.53E+04	(R)
1696	X3P_ZT.395	6	6.29	65.8	3.44E+04	(R)
1989	L3P_ZT.389	6	5.65	61.3	2.61E+04	(R)
1779	S4P_ZT_Ro	2	6.12	60.8	1.05E+07	(K)
2052	L5P_ZT.128	2	5.53	76.6	1.09E+07	(K)
2267	L2P_ZT.289	2	5.15	64.7	1.28E+05	(K)
2214	X3P_ZT.395	3	5.23	73.1	5.92E+04	(K)
1165	S1P_ZT_Ro	3	7.78	66.2	6.08E+04	(F)
1647	L1P_ZT.359	3	6.42	61.9	1.67E+05	(F)
919	L4P_ZT.179	2	8.71	69.6	9.35E+05	(K)
946	S2P_ZT_Ro	2	8.58	74.4	6.14E+05	(K)
1216	S3P_ZT_Ro	2	7.61	62.9	5.85E+05	(K)
1296	S4P_ZT_Ro	2	7.32	70.8	5.94E+05	(K)
1334	S5P_ZT_Ro	2	7.2	69.2	8.18E+05	(K)
1338	S1P_ZT_Ro	2	7.18	64	6.89E+05	(K)
1465	S2P_ZT_Ro	2	6.82	63.1	3.12E+06	(K)

1877	S3P_ZT_Ro	2	5.87	65.1	1.13E+07	(K)
1898	L2P_ZT.28	2	5.82	63.3	1.14E+07	(K)
1287	X1P_ZT.27	6	7.37	69.5	2.16E+05	(T)
1290	S4P_ZT_Ro	6	7.35	68.8	2.60E+05	(T)
1458	S3P_ZT_Ro	6	6.84	65	2.01E+06	(T)
1549	L5P_ZT.28	6	6.65	68.4	2.09E+05	(T)
1682	L3P_ZT.27	6	6.32	65.1	2.04E+05	(T)
2005	S3P_ZT_Ro	6	5.62	65	1.17E+05	(T)
2246	S3P_ZT_Ro	6	5.2	65.7	1.78E+06	(T)
2291	X1P_ZT.27	6	5.09	60.1	1.33E+05	(T)
778	L5P_ZT.29	2	9.35	72.2	3.52E+05	(C)
2206	X4P_ZT.54	5	5.24	63.5	1.52E+05	(N)
2241	S4P_ZT_Ro	2	5.21	74	7.04E+04	(K)
1064	X4P_ZT.20	3	8.13	66.5	4.79E+05	(K)
1370	X3P_ZT.20	3	7.07	66.1	4.66E+05	(K)
1385	S2P_ZT_Ro	3	7.02	60.3	9.02E+05	(K)
1432	S4P_ZT_Ro	2	6.9	60.3	8.08E+04	(K)
1713	S4P_ZT_Ro	3	6.26	67.8	4.91E+05	(K)
1922	X5P_ZT.20	2	5.76	60.9	1.52E+05	(K)
2111	S2P_ZT_Ro	2	5.41	76.5	4.44E+05	(K)
1434	L2P_ZT.41	3	6.9	66.4	3.54E+05	(L)
1555	S5P_ZT_Ro	3	6.63	60.2	9.26E+05	(L)
1602	X3P_ZT.43	3	6.51	65.5	4.96E+05	(L)
1950	L2P_ZT.411	3	5.72	78.9	3.54E+05	(L)
1343	X3P_ZT.30	2	7.16	62.3	2.61E+05	(K)
1913	X3P_ZT.30	2	5.78	81.6	3.36E+05	(K)
1204	L2P_ZT.49	3	7.66	68.6	6.72E+05	(K)
2077	X2P_ZT.52	3	5.47	78.2	5.24E+05	(K)
1883	S1P_ZT_Ro	2	5.86	76.8	2.14E+06	(R)
1947	S1P_ZT_Ro	2	5.72	88	5.36E+06	(R)
2137	S1P_ZT_Ro	2	5.36	71.9	2.70E+07	(R)
2305	S1P_ZT_Ro	2	5.06	61.9	2.14E+06	(R)
1665	L5P_ZT.21	3	6.37	70	1.04E+05	(R)
1640	S1P_ZT_Ro	3	6.43	67.9	6.59E+04	(R)
1663	L1P_ZT.45	3	6.37	72.9	5.13E+05	(R)
1892	L5P_ZT.46	3	5.83	69.1	4.25E+05	(R)
1964	S1P_ZT_Ro	3	5.69	67.8	6.59E+04	(R)
2144	X2P_ZT.47	3	5.34	84.5	2.85E+05	(R)
2159	S3P_ZT_Ro	3	5.32	61.4	3.68E+05	(R)
2180	S2P_ZT_Ro	3	5.28	68	7.56E+05	(R)
2263	X5P_ZT.55	3	5.15	61.7	2.05E+04	(R)
958	X2P_ZT.31	2	8.52	67.1	7.50E+06	(R)
1171	L3P_ZT.32	2	7.76	66.7	4.96E+06	(R)
1187	X1P_ZT.36	2	7.72	63.1	6.61E+04	(R)
1217	S1P_ZT_Ro	2	7.6	70.9	6.81E+06	(R)
1231	L3P_ZT.291	2	7.56	70	1.32E+07	(R)
1249	L5P_ZT.371	2	7.49	64.7	1.84E+05	(R)

1257	L3P_ZT.36	2	7.47	61.3	3.63E+04	(R)
1274	L3P_ZT.39	2	7.41	61	1.90E+05	(R)
1298	L3P_ZT.26	2	7.32	70.9	2.00E+07	(R)
1304	X2P_ZT.28	2	7.3	71.2	1.57E+07	(R)
1467	S1P_ZT_Ro	2	6.82	69.1	3.38E+07	(R)
1471	L1P_ZT.29	2	6.81	68.1	1.11E+06	(R)
1486	X3P_ZT.27	2	6.77	68.1	1.64E+07	(R)
1488	S4P_ZT_Ro	2	6.77	68.4	3.64E+07	(R)
1493	X5P_ZT.32	2	6.76	67.7	7.80E+04	(R)
1513	S5P_ZT_Ro	2	6.72	65.8	3.99E+07	(R)
1516	L5P_ZT.38	2	6.72	61.1	1.33E+05	(R)
1525	S3P_ZT_Ro	2	6.7	66.8	4.54E+07	(R)
1537	X4P_ZT.31	2	6.67	64.9	3.95E+06	(R)
1538	S3P_ZT_Ro	2	6.67	63.8	1.33E+06	(R)
1591	X2P_ZT.30	2	6.54	63.1	1.00E+07	(R)
1610	L3P_ZT.34	2	6.5	69.2	2.01E+06	(R)
1644	X1P_ZT.28	2	6.42	65.4	9.70E+06	(R)
1651	L4P_ZT.33	2	6.41	63	3.43E+06	(R)
1688	X1P_ZT.26	2	6.3	69.5	1.66E+07	(R)
1693	X4P_ZT.33	2	6.29	70.1	1.39E+06	(R)
1730	L5P_ZT.30	2	6.23	67.2	2.08E+07	(R)
1732	X1P_ZT.28	2	6.22	67.3	9.24E+06	(R)
1733	X1P_ZT.36	2	6.22	64.8	2.82E+04	(R)
1742	S2P_ZT_Ro	2	6.21	66.1	1.95E+07	(R)
1778	X1P_ZT.30	2	6.12	63.6	4.51E+06	(R)
1781	L1P_ZT.30	2	6.11	63.9	3.40E+06	(R)
1785	L2P_ZT.27	2	6.1	65.5	5.42E+06	(R)
1856	L3P_ZT.32	2	5.92	61.1	5.42E+06	(R)
1871	X3P_ZT.31	2	5.89	63.8	6.46E+06	(R)
2000	X3P_ZT.29	2	5.62	69.9	1.41E+07	(R)
2007	L3P_ZT.31	2	5.62	64.4	6.55E+06	(R)
2071	L4P_ZT.37	2	5.49	64.8	1.66E+04	(R)
2118	X2P_ZT.31	2	5.39	60.5	5.09E+04	(R)
2134	S3P_ZT_Ro	2	5.36	70.4	3.72E+06	(R)
2139	L3P_ZT.29	2	5.36	69.4	9.38E+06	(R)
2141	L5P_ZT.40	2	5.36	69.7	2.54E+05	(R)
2237	X2P_ZT.40	2	5.21	84.8	6.74E+04	(R)
2264	X3P_ZT.38	2	5.15	65.5	1.60E+04	(R)
2270	L5P_ZT.28	2	5.14	65	1.48E+07	(R)
2271	L2P_ZT.28	2	5.13	70	5.43E+06	(R)
2272	L2P_ZT.38	2	5.13	83.4	6.52E+04	(R)
2306	L2P_ZT.41	2	5.06	89.2	2.65E+05	(R)
2325	L1P_ZT.31	2	5.01	69.7	1.78E+06	(R)
1847	L1P_ZT.37	4	5.93	65.6	4.18E+04	(R)
2196	X4P_ZT.44	5	5.25	100	3.30E+04	(R)
1396	X5P_ZT.38	2	6.99	65.1	1.13E+05	(R)
1429	S1P_ZT_Ro	3	6.92	71.9	9.25E+05	(R)

1636	S4P_ZT_Ro	3	6.45	75.7	1.70E+06	(R)
1706	S5P_ZT_Ro	3	6.28	67.9	1.50E+06	(R)
716	L3P_ZT.504	6	9.67	78.4	1.06E+05	(R)
1288	S1P_ZT_Ro	4	7.37	74.6	3.53E+06	(R)
1387	S3P_ZT_Ro	4	7.01	72.5	2.12E+06	(R)
1533	L5P_ZT.371	4	6.69	66.1	1.80E+06	(R)
1584	X3P_ZT.367	4	6.56	62	3.37E+06	(R)
1608	S2P_ZT_Ro	4	6.5	66.7	3.15E+06	(R)
1812	L2P_ZT.351	4	6.04	60.1	2.06E+06	(R)
2074	X4P_ZT.367	4	5.47	64.4	2.22E+06	(R)
2287	S5P_ZT_Ro	7	5.1	61.6	5.31E+04	(R)
698	L2P_ZT.482	6	9.75	74.5	1.55E+05	(R)
1224	L1P_ZT.420	2	7.57	60.4	1.21E+07	(R)
1109	X4P_ZT.243	3	8	70.9	1.93E+05	(N)
7	S5P_ZT_Ro	2	20.66	97.6	8.82E+07	(-)
8	S4P_ZT_Ro	2	20.62	96.8	1.16E+08	(-)
9	S4P_ZT_Ro	2	20.62	97.7	1.16E+08	(-)
10	S3P_ZT_Ro	2	20.42	97.8	9.75E+07	(-)
11	L3P_ZT.325	2	20.41	97.5	1.59E+08	(-)
12	S2P_ZT_Ro	2	20.39	97.5	9.98E+07	(-)
13	S1P_ZT_Ro	2	20.12	97.2	9.67E+07	(-)
16	X3P_ZT.343	2	19.77	92.7	6.73E+07	(-)
17	X3P_ZT.325	2	19.62	97.6	1.19E+08	(-)
18	L1P_ZT.313	2	19.55	95.3	2.17E+07	(-)
23	S2P_ZT_Ro	2	19.34	96.8	9.98E+07	(-)
28	S3P_ZT_Ro	2	18.9	98.5	9.75E+07	(-)
29	X4P_ZT.329	2	18.87	97.6	1.23E+08	(-)
34	S5P_ZT_Ro	2	18.5	94.4	8.82E+07	(-)
38	L4P_ZT.338	2	18	92.2	4.71E+06	(-)
40	L3P_ZT.389	2	17.96	91.7	1.83E+05	(-)
43	L2P_ZT.317	2	17.73	93.2	4.41E+06	(-)
44	S4P_ZT_Ro	2	17.67	91.6	2.87E+06	(-)
49	X4P_ZT.347	2	17.61	96	3.71E+07	(-)
50	S3P_ZT_Ro	2	17.61	90.2	2.22E+06	(-)
51	X2P_ZT.344	2	17.59	94.6	2.26E+07	(-)
52	L3P_ZT.359	2	17.44	91	3.35E+06	(-)
59	L3P_ZT.342	2	17.02	94.5	4.15E+07	(-)
61	X4P_ZT.403	2	16.83	88.3	1.03E+06	(-)
64	S2P_ZT_Ro	2	16.72	85.5	4.16E+06	(-)
66	S4P_ZT_Ro	2	16.54	87.3	1.90E+06	(-)
72	X5P_ZT.341	2	16.35	94.7	1.57E+07	(-)
81	X3P_ZT.360	2	15.98	91.8	1.87E+06	(-)
89	S1P_ZT_Ro	2	15.71	92.9	1.09E+08	(-)
111	S5P_ZT_Ro	2	15.25	85.1	1.48E+06	(-)
113	S4P_ZT_Ro	2	15.22	85.5	1.45E+06	(-)
115	X3P_ZT.367	2	15.17	76.1	1.82E+06	(-)
125	S1P_ZT_Ro	2	14.97	91.4	3.22E+06	(-)

129	L3P_ZT.371	2	14.93	85.5	6.00E+05	(-)
142	X4P_ZT.360	2	14.77	85.6	7.55E+05	(-)
145	X4P_ZT.384	2	14.7	77.7	1.00E+06	(-)
147	X4P_ZT.373	2	14.68	70.7	7.39E+05	(-)
162	X4P_ZT.370	2	14.45	84	1.14E+06	(-)
167	L3P_ZT.390	2	14.37	82.2	1.83E+05	(-)
181	L3P_ZT.368	2	14.14	88.9	1.27E+06	(-)
187	S1P_ZT_Ro	2	14.08	82.4	3.01E+05	(-)
188	L3P_ZT.433	2	14.08	77.1	7.96E+05	(-)
192	S1P_ZT_Ro	2	14.04	86.6	1.61E+06	(-)
196	S3P_ZT_Ro	2	13.99	86.8	8.02E+05	(-)
198	L3P_ZT.386	2	13.96	69.7	1.83E+05	(-)
224	S1P_ZT_Ro	2	13.64	82.9	4.58E+05	(-)
226	S5P_ZT_Ro	2	13.6	82.1	3.60E+05	(-)
227	S2P_ZT_Ro	2	13.59	82.2	4.46E+05	(-)
232	L3P_ZT.378	2	13.56	77.4	1.77E+06	(-)
240	S1P_ZT_Ro	2	13.42	77.8	1.38E+06	(-)
255	X3P_ZT.362	2	13.22	85	1.24E+06	(-)
262	S2P_ZT_Ro	2	13.11	75.1	9.05E+05	(-)
269	S2P_ZT_Ro	2	13.03	79.8	1.24E+06	(-)
283	X3P_ZT.356	2	12.78	80	4.63E+06	(-)
285	S4P_ZT_Ro	2	12.78	86.6	1.28E+06	(-)
286	S2P_ZT_Ro	2	12.77	79.2	6.20E+06	(-)
287	L3P_ZT.365	2	12.76	66.7	1.87E+06	(-)
290	S2P_ZT_Ro	2	12.72	73.3	1.33E+06	(-)
303	S1P_ZT_Ro	2	12.63	75.1	1.29E+06	(-)
335	L3P_ZT.323	2	12.4	79.7	1.05E+07	(-)
343	S2P_ZT_Ro	2	12.35	75.5	1.89E+06	(-)
349	S1P_ZT_Ro	2	12.27	63.9	8.39E+05	(-)
350	S4P_ZT_Ro	2	12.26	75.2	8.35E+05	(-)
352	S5P_ZT_Ro	2	12.24	83.8	1.64E+06	(-)
354	S3P_ZT_Ro	2	12.21	68.8	1.48E+06	(-)
368	S2P_ZT_Ro	2	12.05	79.8	9.33E+05	(-)
370	X4P_ZT.363	2	12.04	75.3	2.11E+06	(-)
374	X3P_ZT.381	2	11.97	76.3	1.50E+06	(-)
380	S2P_ZT_Ro	2	11.89	73.3	5.53E+05	(-)
389	X4P_ZT.399	2	11.84	74.5	1.30E+06	(-)
410	S2P_ZT_Ro	2	11.76	64.5	1.08E+06	(-)
412	S1P_ZT_Ro	2	11.73	69.1	1.32E+05	(-)
425	L3P_ZT.393	2	11.64	80.5	1.75E+05	(-)
427	L3P_ZT.409	2	11.6	81.9	2.83E+05	(-)
428	L3P_ZT.414	2	11.6	72.2	2.83E+05	(-)
432	S2P_ZT_Ro	2	11.58	76.1	1.37E+06	(-)
435	L1P_ZT.318	2	11.56	88.4	2.17E+07	(-)
445	S3P_ZT_Ro	2	11.5	77.3	5.51E+05	(-)
449	L3P_ZT.392	2	11.48	79.1	3.00E+05	(-)
460	S2P_ZT_Ro	2	11.39	80.5	1.64E+06	(-)

469	X4P_ZT.39	2	11.33	70	8.60E+05	(-)
474	X3P_ZT.38	2	11.29	61.8	9.11E+05	(-)
487	X4P_ZT.38	2	11.18	63.7	9.21E+05	(-)
492	X3P_ZT.39	2	11.16	67.7	7.02E+05	(-)
493	S1P_ZT_Ro	2	11.15	71.4	2.06E+06	(-)
496	S1P_ZT_Ro	2	11.14	76.5	1.28E+06	(-)
505	L3P_ZT.38	2	11.01	78.1	1.83E+05	(-)
506	X3P_ZT.40	2	11	82.4	7.89E+05	(-)
513	S4P_ZT_Ro	2	10.94	65.8	3.68E+06	(-)
530	X3P_ZT.41	2	10.85	66.3	6.28E+05	(-)
533	S2P_ZT_Ro	2	10.84	60.9	9.78E+05	(-)
534	L1P_ZT.32	2	10.82	71.2	2.17E+07	(-)
540	S5P_ZT_Ro	2	10.79	72.8	1.42E+06	(-)
542	X3P_ZT.39	2	10.78	61.4	8.73E+05	(-)
543	S3P_ZT_Ro	2	10.78	71	1.73E+05	(-)
565	S3P_ZT_Ro	2	10.61	71.2	6.75E+05	(-)
566	S5P_ZT_Ro	2	10.6	72	5.46E+04	(-)
570	S4P_ZT_Ro	2	10.55	75.8	8.25E+05	(-)
572	S1P_ZT_Ro	2	10.52	63.9	1.49E+06	(-)
573	X3P_ZT.36	2	10.51	69.5	9.00E+04	(-)
580	X4P_ZT.32	2	10.44	64.8	9.61E+06	(-)
590	X3P_ZT.37	2	10.39	67.8	1.49E+06	(-)
597	X3P_ZT.39	2	10.35	70.7	8.04E+05	(-)
601	X3P_ZT.37	2	10.32	71.8	1.27E+06	(-)
605	S2P_ZT_Ro	2	10.3	73.5	2.08E+06	(-)
609	S1P_ZT_Ro	2	10.28	76.5	6.58E+05	(-)
612	S2P_ZT_Ro	2	10.24	77.1	2.75E+05	(-)
614	L3P_ZT.42	2	10.23	70.2	6.50E+05	(-)
629	S4P_ZT_Ro	2	10.15	73.6	3.19E+06	(-)
635	S5P_ZT_Ro	2	10.08	63.2	3.60E+05	(-)
638	S4P_ZT_Ro	2	10.07	72.6	5.75E+05	(-)
674	S3P_ZT_Ro	2	9.88	79.6	3.59E+05	(-)
682	L3P_ZT.44	2	9.81	64.5	1.18E+04	(-)
686	S1P_ZT_Ro	2	9.8	72.2	1.30E+06	(-)
689	S2P_ZT_Ro	2	9.79	75.4	5.06E+05	(-)
701	S5P_ZT_Ro	2	9.74	63.2	1.18E+06	(-)
710	X4P_ZT.40	2	9.69	76.3	7.69E+05	(-)
712	S1P_ZT_Ro	2	9.69	78.9	5.02E+05	(-)
721	X5P_ZT.34	2	9.64	70.2	1.57E+07	(-)
732	S5P_ZT_Ro	2	9.58	73.4	3.39E+05	(-)
734	S2P_ZT_Ro	2	9.58	71.3	1.29E+06	(-)
765	L3P_ZT.37	2	9.43	72	1.76E+06	(-)
772	L3P_ZT.41	2	9.38	63.7	3.07E+05	(-)
782	L3P_ZT.42	2	9.33	73.3	7.00E+05	(-)
785	X4P_ZT.38	2	9.29	94.5	3.30E+04	(-)
799	S5P_ZT_Ro	2	9.21	68.3	1.13E+06	(-)
808	S1P_ZT_Ro	2	9.17	60.9	4.06E+06	(-)

809	L1P_ZT.313	2	9.17	60.5	1.21E+07	(-)
817	S2P_ZT_Ro	2	9.12	66.9	1.04E+06	(-)
818	L3P_ZT.367	2	9.12	71.7	1.52E+06	(-)
823	X4P_ZT.425	2	9.09	61.9	5.59E+05	(-)
866	X4P_ZT.395	2	8.92	85.7	2.48E+05	(-)
870	X3P_ZT.393	2	8.9	63.5	5.39E+05	(-)
872	X3P_ZT.405	2	8.89	71	8.82E+05	(-)
878	X4P_ZT.387	2	8.87	63.3	8.27E+05	(-)
885	L3P_ZT.410	2	8.86	68	3.58E+05	(-)
888	X4P_ZT.368	2	8.84	64.3	1.33E+06	(-)
900	L3P_ZT.370	2	8.78	64.1	8.78E+05	(-)
901	S1P_ZT_Ro	2	8.77	61.5	7.27E+05	(-)
903	L3P_ZT.442	2	8.77	60.6	8.06E+05	(-)
907	L3P_ZT.431	2	8.76	65.7	7.37E+05	(-)
916	S2P_ZT_Ro	2	8.72	72.5	1.36E+06	(-)
935	X4P_ZT.393	2	8.6	70.5	3.33E+05	(-)
936	X4P_ZT.420	2	8.6	72	3.03E+04	(-)
947	S2P_ZT_Ro	2	8.58	64.2	1.35E+06	(-)
962	S4P_ZT_Ro	2	8.5	68.4	8.42E+05	(-)
980	X4P_ZT.398	2	8.44	77.9	9.72E+05	(-)
984	X4P_ZT.364	2	8.43	81.8	2.02E+06	(-)
1012	S2P_ZT_Ro	2	8.34	60.9	7.76E+05	(-)
1029	S1P_ZT_Ro	2	8.28	92	4.30E+05	(-)
1044	X3P_ZT.407	2	8.22	68.8	8.30E+05	(-)
1047	S1P_ZT_Ro	2	8.22	68.2	7.50E+05	(-)
1054	X4P_ZT.424	2	8.18	62	5.85E+05	(-)
1062	S1P_ZT_Ro	2	8.14	63.4	3.33E+06	(-)
1069	X3P_ZT.396	2	8.11	60.8	3.32E+05	(-)
1070	S4P_ZT_Ro	2	8.11	64	2.14E+06	(-)
1074	S2P_ZT_Ro	2	8.1	78.3	6.17E+07	(-)
1084	X3P_ZT.359	2	8.07	64.4	3.35E+06	(-)
1101	X4P_ZT.383	2	8.02	70.5	1.12E+06	(-)
1106	L3P_ZT.429	2	8.02	68.8	7.26E+05	(-)
1111	X3P_ZT.369	2	7.98	78.6	1.86E+06	(-)
1147	L3P_ZT.382	2	7.86	63.2	1.36E+06	(-)
1162	L3P_ZT.403	2	7.79	85.2	5.50E+05	(-)
1184	S3P_ZT_Ro	2	7.73	73.1	9.06E+05	(-)
1190	X4P_ZT.376	2	7.7	72	3.57E+05	(-)
1201	S4P_ZT_Ro	2	7.66	63.9	1.98E+06	(-)
1210	X3P_ZT.385	2	7.64	68.5	1.12E+06	(-)
1229	S2P_ZT_Ro	2	7.56	79.2	8.44E+05	(-)
1254	X3P_ZT.400	2	7.47	88.2	9.32E+05	(-)
1285	L3P_ZT.436	2	7.38	94.8	7.85E+05	(-)
1350	X3P_ZT.379	2	7.14	67.5	1.28E+06	(-)
1398	X3P_ZT.448	2	6.99	69.1	5.75E+05	(-)
1401	X4P_ZT.430	2	6.98	68.2	5.09E+05	(-)
1455	X3P_ZT.386	2	6.84	82	9.96E+05	(-)

1468	X3P_ZT.41	2	6.81	69.5	6.93E+05	(-)
1570	X4P_ZT.36	2	6.58	75.7	1.69E+06	(-)
1635	X3P_ZT.42	2	6.45	74.2	5.73E+04	(-)
1641	L3P_ZT.461	2	6.43	65.2	4.42E+04	(-)
1652	X4P_ZT.42	2	6.4	85.1	3.03E+04	(-)
1677	X4P_ZT.43	2	6.33	66.4	3.43E+05	(-)
1691	L3P_ZT.441	2	6.3	80.1	7.96E+05	(-)
1772	X3P_ZT.40	2	6.13	65	9.11E+05	(-)
1794	X5P_ZT.34	2	6.08	86.8	1.57E+07	(-)
1817	S3P_ZT_Ro	2	6.02	62.9	5.69E+05	(-)
1839	S3P_ZT_Ro	2	5.95	76.6	7.39E+06	(-)
1900	X4P_ZT.41	2	5.81	76.9	3.03E+04	(-)
1920	L2P_ZT.39	2	5.77	76	2.55E+05	(-)
2035	L3P_ZT.44	2	5.56	70.7	1.18E+04	(-)
2096	S2P_ZT_Ro	2	5.45	65.7	1.53E+07	(-)
2128	S2P_ZT_Ro	2	5.37	67.2	6.50E+05	(-)
384	L3P_ZT.33	2	11.88	82.2	4.11E+04	(-)
527	S4P_ZT_Ro	2	10.86	73.3	1.69E+05	(-)
877	X4P_ZT.33	2	8.87	68.8	5.20E+04	(-)
928	X4P_ZT.34	2	8.62	63.6	4.32E+04	(-)
1032	S3P_ZT_Ro	2	8.27	66.5	6.38E+03	(-)
1195	S5P_ZT_Ro	2	7.68	62.5	2.50E+04	(-)
1406	X5P_ZT.30	2	6.97	65.2	3.20E+05	(-)
1504	S3P_ZT_Ro	2	6.74	93.4	1.26E+05	(-)
1751	S5P_ZT_Ro	2	6.19	91.5	7.54E+04	(-)
2085	S5P_ZT_Ro	2	5.46	71	7.54E+04	(-)
166	L3P_ZT.491	3	14.4	86.3	9.63E+04	(-)
931	S2P_ZT_Ro	3	8.62	71.2	1.95E+05	(-)
2018	X3P_ZT.30	3	5.59	76.5	2.90E+05	(R)
1490	S1P_ZT_Ro	2	6.77	61.6	7.19E+05	(K)
1599	L5P_ZT.20	2	6.52	61.7	1.59E+06	(K)
2114	X2P_ZT.20	2	5.4	65	2.03E+06	(K)
2274	X4P_ZT.53	3	5.12	64.1	1.04E+05	(K)
961	S1P_ZT_Ro	4	8.51	65.7	2.37E+05	(K)
1148	S5P_ZT_Ro	4	7.85	69.2	5.85E+04	(K)
1604	S3P_ZT_Ro	4	6.51	61.2	1.41E+05	(K)
1773	X2P_ZT.52	4	6.13	70.1	2.79E+05	(K)
2288	S1P_ZT_Ro	3	5.1	85.8	1.56E+05	(K)
1835	L5P_ZT.49	2	5.97	63.6	3.44E+06	(K)
1262	X4P_ZT.48	7	7.44	71.8	8.70E+05	(K)
2278	X4P_ZT.40	3	5.11	72.9	1.25E+06	(K)
2319	X4P_ZT.40	3	5.02	74.3	1.25E+06	(K)
1843	L3P_ZT.51	4	5.94	69.2	6.65E+04	(K)
1573	L2P_ZT.41	6	6.58	71.4	7.96E+04	(D)
2089	L2P_ZT.14	2	5.46	63.4	1.33E+06	(K)
2055	X5P_ZT.49	6	5.52	61.4	3.04E+04	(R)
1711	S2P_ZT_Ro	5	6.27	64	1.53E+06	(R)

1246	S2P_ZT_Ro	5	7.5	62.4	9.92E+05	(K)
736	X5P_ZT.539	5	9.56	77.4	6.71E+05	(K)
851	L2P_ZT.497	5	8.99	63.2	5.32E+05	(K)
937	S5P_ZT_Ro	5	8.6	64.4	8.44E+05	(K)
1091	X5P_ZT.539	5	8.05	69.6	2.04E+05	(K)
1157	S2P_ZT_Ro	4	7.81	72.4	2.28E+04	(K)
1241	L1P_ZT.508	5	7.51	65.9	5.36E+05	(K)
1381	X2P_ZT.529	5	7.03	79	5.20E+05	(K)
1655	L5P_ZT.522	5	6.4	66.2	7.09E+05	(K)
1831	S3P_ZT_Ro	5	5.98	65.1	3.06E+05	(K)
829	S2P_ZT_Ro	4	9.08	63.7	1.05E+05	(K)
1687	L2P_ZT.444	4	6.31	74.1	4.82E+05	(K)
1569	S3P_ZT_Ro	4	6.59	60.1	1.95E+04	(K)
1704	X3P_ZT.351	6	6.28	66.5	3.70E+04	(K)
1873	L3P_ZT.503	4	5.89	77.5	1.31E+04	(K)
1133	L2P_ZT.298	4	7.9	67.2	1.10E+06	(D)
1936	L2P_ZT.354	3	5.74	60.4	8.98E+05	(E)
2068	X5P_ZT.504	5	5.49	78.2	5.15E+04	(I)
1219	X3P_ZT.382	6	7.58	84.7	2.47E+05	(F)
1624	L1P_ZT.364	6	6.47	75.5	3.81E+04	(F)
1930	S4P_ZT_Ro	2	5.75	65.7	3.69E+06	(R)
2124	L3P_ZT.524	2	5.38	65.6	8.74E+04	(R)
2143	S3P_ZT_Ro	3	5.35	64.4	4.95E+04	(R)
2209	S2P_ZT_Ro	3	5.24	81.4	8.11E+04	(R)
2273	L3P_ZT.524	3	5.13	65.4	8.05E+04	(R)
2294	S1P_ZT_Ro	3	5.09	66.3	9.19E+04	(R)
749	S4P_ZT_Ro	6	9.49	63.4	1.02E+05	(S)
1756	L5P_ZT.505	4	6.18	65.3	9.44E+05	(F)
1890	S1P_ZT_Ro	7	5.83	84	4.45E+04	(R)
1483	L2P_ZT.469	3	6.78	61.8	1.59E+05	(R)
1568	L5P_ZT.494	3	6.6	79.8	1.46E+05	(R)
1675	S4P_ZT_Ro	3	6.34	67.5	2.99E+04	(R)
1814	L3P_ZT.491	3	6.03	67.2	2.31E+05	(R)
2093	X2P_ZT.501	3	5.45	66.3	9.99E+04	(R)
1215	X4P_ZT.535	7	7.61	64.6	1.27E+06	(R)
1402	X2P_ZT.494	7	6.98	69.1	2.98E+06	(R)
1473	X5P_ZT.507	7	6.8	83.2	4.79E+06	(R)
1714	S3P_ZT_Ro	7	6.26	60.6	3.13E+05	(R)
1942	L2P_ZT.516	7	5.73	62.7	3.33E+06	(R)
1988	L1P_ZT.475	7	5.65	64.9	2.05E+06	(R)
1977	L4P_ZT.277	5	5.66	64.2	7.85E+05	(K)
1771	L2P_ZT.438	3	6.14	60.9	7.32E+04	(A)
627	X1P_ZT.248	3	10.15	71.9	6.66E+05	(V)
1269	X5P_ZT.256	3	7.43	64.8	1.12E+06	(V)
130	S4P_ZT_Ro	2	14.92	81.1	6.22E+05	(L)
222	S4P_ZT_Ro	2	13.66	83.9	6.79E+04	(L)
383	S3P_ZT_Ro	2	11.88	69.6	5.26E+04	(L)

434	S3P_ZT_Ro	2	11.56	68.1	5.26E+04	(L)
466	S4P_ZT_Ro	2	11.36	68.8	7.05E+05	(L)
672	X4P_ZT.33	2	9.88	65.3	2.54E+05	(L)
773	X4P_ZT.26	2	9.37	84	4.78E+05	(L)
898	S3P_ZT_Ro	2	8.78	61.3	8.07E+05	(L)
2165	X2P_ZT.47	5	5.31	68.8	3.91E+05	(K)
2323	L5P_ZT.46	5	5.02	80.5	7.68E+05	(K)
1130	L1P_ZT.35	5	7.91	62.3	5.40E+04	(K)
1792	L5P_ZT.38	2	6.09	66.5	4.38E+07	(K)
1797	X2P_ZT.39	2	6.07	66.7	4.75E+07	(K)
1981	X5P_ZT.38	2	5.65	66.6	6.24E+07	(K)
1990	X1P_ZT.36	2	5.64	66.4	9.33E+07	(K)
1480	S2P_ZT_Ro	7	6.78	78.6	6.96E+04	(Q)
2066	L1P_ZT.52	5	5.5	64.5	3.89E+04	(C)
1457	S5P_ZT_Ro	3	6.84	64.7	1.40E+05	(C)
1801	X3P_ZT.38	3	6.06	60.4	2.72E+05	(C)
2164	X5P_ZT.47	3	5.31	64.2	3.75E+04	(K)
1252	S4P_ZT_Ro	6	7.48	63	1.73E+04	(K)
1255	S4P_ZT_Ro	7	7.47	70.6	1.54E+06	(L)
1694	X4P_ZT.36	5	6.29	76.6	4.91E+05	(L)
1808	S4P_ZT_Ro	7	6.05	60.8	1.54E+06	(L)
1976	L1P_ZT.35	6	5.66	73.2	7.79E+05	(L)
2156	X2P_ZT.37	5	5.32	74.9	8.46E+05	(L)
1410	S5P_ZT_Ro	2	6.97	64.8	9.60E+05	(R)
1821	S5P_ZT_Ro	2	6	67.3	9.60E+05	(R)
1901	X1P_ZT.29	2	5.81	71.6	4.93E+05	(R)
1945	X1P_ZT.30	2	5.72	75.5	4.93E+05	(R)
2161	L4P_ZT.31	2	5.32	61.3	5.24E+05	(R)
1580	X2P_ZT.53	7	6.57	70.3	4.47E+04	(R)
2051	L2P_ZT.48	4	5.53	63.7	1.48E+05	(R)
2107	L5P_ZT.54	7	5.42	61.3	4.89E+04	(R)
237	S4P_ZT_Ro	2	13.44	76.9	2.82E+06	(V)
392	X2P_ZT.29	2	11.83	70.1	2.05E+06	(V)
488	X2P_ZT.29	2	11.18	72.2	2.05E+06	(V)
498	L3P_ZT.28	2	11.09	72.5	1.69E+06	(V)
683	S5P_ZT_Ro	2	9.8	80.4	3.35E+06	(V)
723	S2P_ZT_Ro	2	9.63	74.5	3.54E+06	(V)
746	L5P_ZT.29	2	9.52	63.6	2.30E+06	(V)
802	X1P_ZT.27	2	9.2	66.6	1.88E+06	(V)
825	L1P_ZT.26	2	9.09	61.1	3.01E+06	(V)
889	S1P_ZT_Ro	2	8.84	65.1	3.88E+06	(V)
1083	X3P_ZT.28	2	8.07	84.3	1.94E+06	(V)
1482	L1P_ZT.25	4	6.78	70.6	6.99E+05	(L)
1669	L5P_ZT.27	4	6.36	66.3	4.25E+05	(L)
1671	X5P_ZT.27	4	6.34	68.3	5.53E+05	(L)
2014	X2P_ZT.27	5	5.6	73.7	1.21E+06	(L)
2057	S1P_ZT_Ro	5	5.52	61	9.30E+05	(L)

2236	X2P_ZT.278	4	5.21	66.3	8.35E+05	(L)
1363	L4P_ZT.205	3	7.11	71.8	4.51E+04	(D)
834	X3P_ZT.888	2	9.05	80.3	2.42E+05	(A)
1135	X2P_ZT.326	3	7.88	88.1	3.12E+04	(F)
692	S2P_ZT_Ro	3	9.77	63.9	6.76E+06	(S)
827	X3P_ZT.461	3	9.08	72.7	2.11E+06	(S)
839	S4P_ZT_Ro	3	9.02	74	2.98E+06	(S)
904	X4P_ZT.454	3	8.76	82.3	4.95E+06	(S)
925	L1P_ZT.445	3	8.64	76.5	6.94E+06	(S)
933	X2P_ZT.459	3	8.61	77.7	2.46E+06	(S)
972	S5P_ZT_Ro	3	8.47	86	2.52E+06	(S)
993	S3P_ZT_Ro	3	8.4	79.9	2.49E+06	(S)
994	X3P_ZT.462	3	8.39	74.6	1.43E+06	(S)
1170	L2P_ZT.433	3	7.77	89.6	1.72E+06	(S)
1308	L4P_ZT.437	3	7.3	78.4	4.61E+06	(S)
1372	X3P_ZT.455	3	7.05	94.2	2.18E+06	(S)
1496	S5P_ZT_Ro	3	6.75	75.3	2.52E+06	(S)
1553	L3P_ZT.461	3	6.64	68.8	1.31E+06	(S)
1564	L3P_ZT.460	3	6.61	68.6	3.34E+06	(S)
1660	X1P_ZT.430	3	6.37	77.7	7.22E+06	(S)
1796	X3P_ZT.457	3	6.07	95.2	2.18E+06	(S)
1657	X3P_ZT.215	3	6.39	67.4	2.16E+05	(S)
1666	X3P_ZT.214	3	6.36	74.2	2.16E+05	(S)
2135	S2P_ZT_Ro	4	5.36	62.4	2.54E+04	(R)
1485	X5P_ZT.381	6	6.77	70	1.07E+05	(P)
2152	X3P_ZT.501	3	5.33	73.6	7.77E+05	(K)
1760	S5P_ZT_Ro	7	6.17	79.6	7.79E+04	(-)
1757	X4P_ZT.217	4	6.17	73.2	1.91E+04	(-)
1870	L5P_ZT.222	4	5.9	76.5	4.37E+04	(-)
1962	S5P_ZT_Ro	4	5.69	76.6	3.18E+04	(-)
1937	X3P_ZT.291	3	5.73	85.3	2.59E+06	(K)
1355	X2P_ZT.354	7	7.13	67.6	1.21E+06	(-)
2015	L1P_ZT.137	3	5.6	61.2	7.89E+04	(K)
2050	L2P_ZT.133	3	5.53	72.9	1.75E+05	(K)
835	X5P_ZT.543	4	9.03	63.2	2.21E+05	(K)
1435	L2P_ZT.481	4	6.9	62.9	9.55E+04	(-)
1946	S4P_ZT_Ro	5	5.72	100	4.42E+04	(-)
2227	X2P_ZT.277	5	5.22	74.6	3.89E+06	(-)
1621	S5P_ZT_Ro	7	6.47	100	6.78E+05	(-)
1764	S3P_ZT_Ro	7	6.16	82.8	4.10E+05	(-)
1956	S4P_ZT_Ro	7	5.71	62	1.06E+06	(-)
1075	X4P_ZT.509	3	8.09	61.1	3.78E+06	(-)
2217	S3P_ZT_Ro	6	5.23	73.6	1.38E+05	(-)
1763	X5P_ZT.441	5	6.16	65.1	6.46E+04	(-)
2269	L3P_ZT.345	7	5.14	74.9	7.10E+04	(-)
1662	S4P_ZT_Ro	5	6.37	63.7	2.11E+06	(-)
1715	S1P_ZT_Ro	5	6.26	66.6	1.61E+06	(-)

1741	X3P_ZT.26	5	6.21	64	2.97E+06	(-)
1761	L1P_ZT.24	5	6.17	66.3	1.01E+06	(-)
2053	L5P_ZT.26	5	5.53	66.7	1.49E+06	(-)
1809	S2P_ZT_Ro	5	6.05	66.3	2.47E+04	(R)
1373	S2P_ZT_Ro	5	7.05	63.8	3.67E+04	(-)
1615	S3P_ZT_Ro	3	6.48	64.8	6.93E+05	(R)
2167	X4P_ZT.50	3	5.3	70	4.71E+04	(-)
1980	L5P_ZT.37	3	5.66	63.3	3.25E+06	(-)
2109	X5P_ZT.37	2	5.41	84.4	1.30E+06	(-)
1818	S5P_ZT_Ro	3	6.01	67.3	6.47E+05	(-)
2224	X4P_ZT.31	3	5.22	84.1	2.85E+04	(-)
2203	L2P_ZT.43	2	5.25	100	1.95E+05	(-)
1882	S2P_ZT_Ro	2	5.86	78.2	4.77E+05	(K)
1275	L4P_ZT.17	2	7.41	83.4	3.33E+05	(K)
1517	S4P_ZT_Ro	2	6.71	85.6	3.00E+05	(K)
2192	S1P_ZT_Ro	2	5.26	63.2	2.06E+06	(R)
1437	X2P_ZT.55	4	6.89	91.4	4.30E+04	(R)
2081	L2P_ZT.48	6	5.47	100	2.25E+05	(R)
779	X2P_ZT.17	2	9.34	64.3	3.81E+06	(K)
2328	L4P_ZT.44	2	5.01	64.5	1.03E+05	(K)
1729	L4P_ZT.38	2	6.23	71.3	1.69E+04	(K)
2032	S1P_ZT_Ro	2	5.56	74.4	6.62E+05	(K)
2219	L2P_ZT.37	2	5.23	61.9	4.47E+05	(K)
1617	L3P_ZT.53	4	6.48	77.8	1.09E+05	(K)
2187	L5P_ZT.541	4	5.27	70.2	7.73E+04	(K)
986	X3P_ZT.50	2	8.42	62.8	1.67E+06	(K)
1637	L2P_ZT.47	2	6.44	68.3	1.72E+06	(K)
1759	X1P_ZT.46	2	6.17	60.5	1.14E+06	(K)
1863	L5P_ZT.50	2	5.91	74.1	1.45E+06	(K)
2041	S3P_ZT_Ro	2	5.54	62.3	2.10E+06	(K)
2060	L4P_ZT.371	3	5.51	74.5	3.58E+06	(K)
2099	X4P_ZT.50	2	5.43	62.3	1.49E+06	(K)
2126	X2P_ZT.38	3	5.37	100	3.72E+06	(K)
1803	S4P_ZT_Ro	2	6.06	67.6	2.27E+05	(K)
2303	X2P_ZT.51	2	5.06	79.3	5.22E+04	(K)
1244	X2P_ZT.31	2	7.5	85.9	5.80E+04	(K)
1738	L3P_ZT.41	3	6.22	100	4.69E+06	(K)
758	S1P_ZT_Ro	3	9.44	69.9	6.06E+06	(K)
805	L2P_ZT.44	3	9.18	72.3	8.96E+05	(K)
1253	S1P_ZT_Ro	3	7.48	69.1	6.06E+06	(K)
1331	L1P_ZT.45	3	7.21	68.7	2.20E+06	(K)
1356	S2P_ZT_Ro	3	7.13	60.4	7.84E+05	(K)
1475	X1P_ZT.44	3	6.8	70.5	1.05E+07	(K)
1511	L4P_ZT.45	3	6.73	63.1	3.14E+06	(K)
1542	X4P_ZT.47	3	6.65	67	4.99E+05	(K)
1875	S5P_ZT_Ro	3	5.88	63.1	1.40E+06	(K)
1888	X1P_ZT.44	3	5.83	70.5	1.05E+07	(K)

1918	S5P_ZT_Ro	3	5.77	65	1.40E+06	(K)
2065	S3P_ZT_Ro	5	5.5	100	5.88E+04	(R)
2201	S1P_ZT_Ro	5	5.25	100	5.99E+04	(R)
2120	L2P_ZT.368	3	5.39	78.6	8.22E+06	(R)
1462	S5P_ZT_Ro	4	6.83	61.4	1.59E+05	(K)
1739	L4P_ZT.481	4	6.22	100	4.54E+04	(K)
2182	L3P_ZT.399	5	5.28	62	5.15E+05	(K)
1327	L4P_ZT.492	7	7.22	76	5.02E+04	(N)
1840	X4P_ZT.550	7	5.94	60.9	2.83E+06	(N)
294	S4P_ZT_Ro	2	12.7	89.7	7.18E+05	(R)
317	S2P_ZT_Ro	2	12.55	85.9	1.08E+06	(R)
424	S3P_ZT_Ro	2	11.64	86.4	1.21E+06	(R)
592	L3P_ZT.910	2	10.39	64	1.01E+06	(R)
717	L3P_ZT.893	2	9.67	67.7	1.01E+06	(R)
1066	X4P_ZT.833	2	8.13	80	9.29E+05	(R)
1384	S3P_ZT_Ro	2	7.02	75.7	1.21E+06	(R)
1607	S3P_ZT_Ro	2	6.5	65.1	1.21E+06	(R)
80	S1P_ZT_Ro	2	16.09	96.7	1.56E+07	(R)
86	S2P_ZT_Ro	2	15.84	96.7	1.76E+07	(R)
137	S3P_ZT_Ro	2	14.83	95.9	2.24E+07	(R)
165	S4P_ZT_Ro	2	14.42	100	2.67E+07	(R)
169	L3P_ZT.176	2	14.3	94.7	4.07E+07	(R)
282	X4P_ZT.170	2	12.79	94.3	1.41E+07	(R)
551	L1P_ZT.164	2	10.72	77.8	1.73E+06	(R)
586	X2P_ZT.179	2	10.4	90.9	2.22E+06	(R)
1045	X1P_ZT.174	2	8.22	71.9	7.19E+06	(R)
1294	X5P_ZT.175	2	7.33	64.2	1.91E+06	(R)
1598	L4P_ZT.186	2	6.52	80.8	9.98E+05	(R)
941	L2P_ZT.313	3	8.59	62.6	1.52E+06	(G)
156	L3P_ZT.108	2	14.57	82.6	1.38E+07	(G)
236	S1P_ZT_Ro	2	13.45	86.2	1.42E+07	(G)
344	S3P_ZT_Ro	2	12.34	80.6	6.88E+06	(G)
347	S4P_ZT_Ro	2	12.29	76.6	1.08E+07	(G)
523	S4P_ZT_Ro	2	10.89	73.5	1.08E+07	(G)
623	S5P_ZT_Ro	2	10.2	76.3	1.59E+07	(G)
1009	S4P_ZT_Ro	2	8.34	62.3	9.36E+06	(G)
932	X3P_ZT.561	3	8.61	67.1	3.22E+05	(R)
1004	X4P_ZT.571	2	8.36	70.2	2.95E+05	(R)
1041	X4P_ZT.570	3	8.23	67.5	2.83E+05	(R)
1086	S2P_ZT_Ro	3	8.07	63.8	5.52E+05	(R)
1207	X4P_ZT.120	2	7.65	72.7	7.90E+05	(R)
1354	L3P_ZT.649	2	7.14	77.4	3.62E+05	(R)
146	S4P_ZT_Ro	2	14.69	81.6	2.79E+06	(R)
208	S2P_ZT_Ro	2	13.82	74.2	2.79E+06	(R)
268	L3P_ZT.128	2	13.04	83.1	6.88E+05	(R)
305	S5P_ZT_Ro	2	12.6	84.1	2.59E+06	(R)
429	S3P_ZT_Ro	2	11.59	77.8	4.75E+06	(R)

437	S5P_ZT_Ro	3	11.54	78.7	7.14E+06	(R)
440	S3P_ZT_Ro	3	11.53	82.2	8.06E+06	(R)
459	S1P_ZT_Ro	2	11.4	76.8	2.93E+06	(R)
480	X3P_ZT.12	3	11.24	77	4.57E+06	(R)
509	X4P_ZT.11	2	10.96	73.2	1.71E+06	(R)
575	S1P_ZT_Ro	2	10.47	73.6	2.93E+06	(R)
660	S4P_ZT_Ro	3	9.95	74.7	7.10E+06	(R)
704	L3P_ZT.12	3	9.72	72.7	5.49E+06	(R)
708	S3P_ZT_Ro	2	9.7	76.3	4.75E+06	(R)
730	X3P_ZT.12	2	9.58	70.7	2.56E+06	(R)
739	S5P_ZT_Ro	2	9.56	65.6	2.59E+06	(R)
745	S2P_ZT_Ro	3	9.52	72.1	7.59E+06	(R)
886	X3P_ZT.11	3	8.85	65.9	4.57E+06	(R)
1203	S1P_ZT_Ro	3	7.66	61.8	7.82E+06	(R)
1265	S2P_ZT_Ro	2	7.44	61.2	2.79E+06	(R)
1351	X2P_ZT.12	3	7.14	69.2	1.98E+05	(R)
1502	X4P_ZT.12	3	6.74	67.1	5.43E+06	(R)
1112	S4P_ZT_Ro	4	7.98	62.2	2.18E+05	(D)
1239	S5P_ZT_Ro	3	7.52	73.5	2.07E+05	(D)
1609	L3P_ZT.21	5	6.5	63.2	2.56E+07	(V)
2205	X5P_ZT.21	5	5.24	68.1	2.56E+07	(V)
1232	L3P_ZT.43	3	7.56	79	8.52E+04	(P)
1281	L1P_ZT.411	3	7.39	64.7	1.42E+06	(P)
1456	X1P_ZT.41	3	6.84	63.6	2.87E+05	(P)
1709	S4P_ZT_Ro	3	6.27	76.8	7.42E+05	(P)
1699	S3P_ZT_Ro	2	6.29	91.4	3.90E+05	(K)
1813	S5P_ZT_Ro	2	6.03	62.9	7.07E+05	(K)
2146	S2P_ZT_Ro	3	5.34	61.5	3.14E+04	(K)
1366	X4P_ZT.23	3	7.08	77.6	3.24E+05	(K)
945	S5P_ZT_Ro	4	8.58	70.7	3.66E+05	(K)
1916	S2P_ZT_Ro	3	5.78	66.8	6.61E+04	(K)
1412	X2P_ZT.42	4	6.96	81	4.08E+04	(K)
1848	L4P_ZT.44	4	5.93	73	6.12E+04	(K)
2116	L3P_ZT.391	4	5.4	67.7	1.69E+05	(K)
863	L1P_ZT.38	3	8.94	75.1	2.82E+05	(K)
893	S2P_ZT_Ro	3	8.81	71.4	3.15E+05	(K)
1299	X1P_ZT.50	4	7.31	64.7	4.91E+05	(K)
1903	X3P_ZT.42	3	5.8	62	2.94E+05	(K)
1664	L3P_ZT.50	5	6.37	100	1.47E+05	(R)
1430	L2P_ZT.51	4	6.92	75	3.63E+04	(K)
2022	L4P_ZT.49	4	5.59	69.2	1.45E+04	(K)
2216	S4P_ZT_Ro	4	5.23	67.8	1.27E+05	(K)
2259	X2P_ZT.54	4	5.16	64.6	6.74E+04	(K)
491	L5P_ZT.36	4	11.18	64	3.60E+07	(M)
502	X1P_ZT.33	4	11.03	65.7	4.13E+07	(M)
519	X3P_ZT.35	4	10.92	61.9	3.67E+07	(M)
574	S5P_ZT_Ro	4	10.49	62.9	4.24E+07	(M)

768	S2P_ZT_Ro	4	9.41	61.4	3.15E+07	(M)
780	L1P_ZT.339	4	9.34	66.4	5.70E+07	(M)
789	L3P_ZT.355	4	9.27	65.6	4.55E+07	(M)
793	S1P_ZT_Ro	4	9.26	64.5	3.15E+07	(M)
800	S3P_ZT_Ro	4	9.21	62.2	3.15E+07	(M)
854	X5P_ZT.364	4	8.97	64	3.02E+07	(M)
911	L4P_ZT.354	4	8.74	60.3	3.66E+07	(M)
1126	X4P_ZT.357	4	7.92	60.6	3.09E+07	(M)
1259	S4P_ZT_Ro	4	7.45	61.1	3.38E+07	(M)
1528	X1P_ZT.344	4	6.69	63.3	4.13E+07	(M)
2082	L2P_ZT.484	3	5.47	100	3.29E+06	(A)
190	L3P_ZT.846	3	14.06	81.4	3.75E+07	(R)
221	S3P_ZT_Ro	3	13.67	83.5	3.05E+07	(R)
245	S2P_ZT_Ro	3	13.36	83.2	4.28E+07	(R)
265	S4P_ZT_Ro	3	13.1	84.6	2.51E+07	(R)
301	S5P_ZT_Ro	3	12.63	85.4	3.75E+07	(R)
306	S3P_ZT_Ro	2	12.6	90.3	3.83E+07	(R)
314	S1P_ZT_Ro	2	12.57	90.4	5.52E+07	(R)
324	L3P_ZT.831	3	12.49	60.3	3.75E+07	(R)
329	L3P_ZT.830	2	12.44	93.3	4.89E+07	(R)
333	X4P_ZT.743	3	12.41	80.9	3.21E+07	(R)
363	S2P_ZT_Ro	2	12.13	92.5	5.75E+07	(R)
395	X4P_ZT.752	2	11.82	91	3.97E+07	(R)
415	X3P_ZT.748	3	11.7	100	2.71E+07	(R)
433	S5P_ZT_Ro	2	11.56	91.7	9.32E+07	(R)
439	X4P_ZT.772	3	11.53	70.9	3.21E+07	(R)
446	S1P_ZT_Ro	3	11.5	83.1	5.80E+07	(R)
467	X5P_ZT.748	2	11.35	86.9	3.09E+07	(R)
522	S4P_ZT_Ro	2	10.89	92.6	1.16E+08	(R)
607	L4P_ZT.960	2	10.29	77.4	7.80E+06	(R)
615	X2P_ZT.782	2	10.22	81.6	1.61E+07	(R)
816	X2P_ZT.801	3	9.12	65.4	1.81E+07	(R)
1460	X4P_ZT.741	2	6.83	68.3	8.02E+07	(R)
1721	L2P_ZT.793	2	6.25	73.3	2.03E+07	(R)
1914	S5P_ZT_Ro	2	5.78	65	9.32E+07	(R)
2170	L1P_ZT.255	3	5.3	63.6	1.66E+07	(R)
1222	S5P_ZT_Ro	3	7.57	66.6	9.43E+04	(I)
1312	X5P_ZT.112	2	7.26	72.6	1.42E+05	(K)
2155	X3P_ZT.113	2	5.32	66.2	2.99E+04	(K)
1917	L2P_ZT.518	3	5.78	65.4	1.07E+05	(A)
1834	L3P_ZT.488	6	5.97	66.1	4.53E+04	(I)
2012	L3P_ZT.363	6	5.61	60.3	1.54E+05	(K)
869	L4P_ZT.308	3	8.91	60.8	1.37E+05	(Y)
1413	S4P_ZT_Ro	7	6.96	78.8	1.42E+05	(R)
1648	S4P_ZT_Ro	4	6.41	63.8	5.01E+06	(R)
2063	S5P_ZT_Ro	4	5.5	65.3	4.25E+06	(R)
1550	L5P_ZT.510	6	6.65	60.3	1.95E+05	(R)

1619	X5P_ZT.52	6	6.47	100	1.54E+05	(R)
1953	X5P_ZT.52	6	5.71	77.7	1.72E+05	(R)
2078	X1P_ZT.47	6	5.47	73.1	1.61E+05	(R)
579	X2P_ZT.38	5	10.45	74	2.81E+05	(K)
448	S1P_ZT_Ro	2	11.48	82.3	9.74E+04	(L)
548	S4P_ZT_Ro	2	10.76	74	6.35E+05	(L)
585	X3P_ZT.16	2	10.41	66.7	8.71E+05	(L)
685	S2P_ZT_Ro	2	9.8	71.2	5.22E+04	(L)
748	S4P_ZT_Ro	2	9.5	71.9	6.35E+05	(L)
814	S1P_ZT_Ro	2	9.13	66.2	1.25E+06	(L)
951	L3P_ZT.32	2	8.57	71	5.99E+04	(L)
1013	S2P_ZT_Ro	2	8.33	74.5	7.35E+05	(L)
1068	X3P_ZT.33	2	8.11	67.9	1.64E+05	(L)
1532	L5P_ZT.23	2	6.69	73.5	5.23E+06	(K)
1563	L4P_ZT.26	3	6.62	100	1.10E+06	(L)
210	S4P_ZT_Ro	3	13.8	67.9	5.85E+06	(R)
289	S2P_ZT_Ro	4	12.75	86.5	2.81E+06	(R)
369	S2P_ZT_Ro	3	12.05	70.9	6.37E+06	(R)
382	S4P_ZT_Ro	4	11.88	68.7	1.93E+06	(R)
549	S3P_ZT_Ro	4	10.76	61.7	1.97E+06	(R)
606	S3P_ZT_Ro	4	10.29	65.2	1.97E+06	(R)
964	S3P_ZT_Ro	3	8.5	76.4	4.85E+06	(R)
1230	S2P_ZT_Ro	2	7.56	88	8.77E+05	(R)
1272	S5P_ZT_Ro	2	7.42	65.4	3.84E+05	(R)
1923	S5P_ZT_Ro	3	5.76	61.9	3.04E+06	(R)
1961	S4P_ZT_Ro	2	5.7	61.1	1.69E+07	(R)
1986	S4P_ZT_Ro	4	5.65	87.4	1.93E+06	(R)
92	X4P_ZT.12	3	15.63	90.2	5.88E+05	(R)
218	L3P_ZT.131	3	13.69	80	5.57E+05	(R)
251	S4P_ZT_Ro	3	13.29	81.4	4.42E+05	(R)
315	L3P_ZT.14	4	12.56	76.2	6.19E+04	(R)
321	S1P_ZT_Ro	4	12.51	94.9	9.23E+05	(R)
398	S1P_ZT_Ro	3	11.81	79.3	1.86E+05	(R)
593	S4P_ZT_Ro	3	10.38	77.7	4.42E+05	(R)
669	S1P_ZT_Ro	3	9.91	87.8	1.86E+05	(R)
840	S3P_ZT_Ro	3	9.02	64.5	1.99E+05	(R)
849	S3P_ZT_Ro	4	8.99	70.7	1.00E+06	(R)
950	S3P_ZT_Ro	4	8.57	72.9	3.51E+05	(R)
1008	X4P_ZT.12	2	8.34	61.5	1.59E+05	(R)
1159	S4P_ZT_Ro	4	7.8	82.4	5.55E+05	(R)
1271	S2P_ZT_Ro	4	7.43	90.3	2.01E+06	(R)
1415	X4P_ZT.12	5	6.95	73.1	1.37E+05	(R)
1459	S2P_ZT_Ro	5	6.84	60.2	2.20E+05	(R)
1520	L3P_ZT.13	2	6.71	71	5.21E+04	(R)
1539	S2P_ZT_Ro	4	6.66	73.6	5.95E+05	(R)
1562	S4P_ZT_Ro	4	6.62	62	1.24E+06	(R)
2070	L3P_ZT.14	4	5.49	65.7	1.48E+05	(R)

57	S4P_ZT_Ro	3	17.05	89.6	6.14E+06	(R)
73	L3P_ZT.18	4	16.26	94.5	4.03E+07	(R)
107	S2P_ZT_Ro	4	15.34	90.8	7.79E+06	(R)
160	X4P_ZT.18	3	14.48	94.8	6.24E+06	(R)
191	X4P_ZT.19	4	14.04	78.1	3.55E+06	(R)
193	S4P_ZT_Ro	5	14.02	95.9	2.08E+06	(R)
204	S2P_ZT_Ro	5	13.88	86.5	2.51E+06	(R)
215	L3P_ZT.19	3	13.71	80.7	1.49E+06	(R)
220	S4P_ZT_Ro	2	13.67	80	1.39E+06	(R)
231	S1P_ZT_Ro	3	13.56	82.5	2.92E+06	(R)
267	S3P_ZT_Ro	3	13.08	95.3	1.41E+06	(R)
299	S3P_ZT_Ro	3	12.64	87	1.41E+06	(R)
457	S4P_ZT_Ro	4	11.41	76.5	1.51E+07	(R)
489	S3P_ZT_Ro	4	11.18	94	6.50E+05	(R)
556	S2P_ZT_Ro	3	10.67	76.3	4.40E+06	(R)
571	S3P_ZT_Ro	5	10.53	72.9	9.31E+05	(R)
591	L3P_ZT.19	4	10.39	77.3	3.32E+06	(R)
598	S4P_ZT_Ro	2	10.35	60.6	3.41E+04	(R)
639	L3P_ZT.18	3	10.07	75.5	1.22E+07	(R)
662	X4P_ZT.18	4	9.94	71.3	1.91E+07	(R)
838	S4P_ZT_Ro	2	9.02	70.6	1.39E+06	(R)
852	S4P_ZT_Ro	2	8.98	69.4	1.39E+06	(R)
894	S1P_ZT_Ro	2	8.8	70.5	2.65E+05	(R)
927	S1P_ZT_Ro	2	8.63	75.8	2.65E+05	(R)
968	S1P_ZT_Ro	5	8.49	76.7	1.87E+06	(R)
970	X4P_ZT.19	3	8.47	60.9	1.40E+06	(R)
975	X4P_ZT.18	2	8.46	64.2	9.90E+05	(R)
1002	L3P_ZT.18	4	8.37	66.5	4.03E+07	(R)
1010	S3P_ZT_Ro	2	8.34	63.2	7.02E+04	(R)
1073	S2P_ZT_Ro	2	8.1	64.6	5.94E+05	(R)
1088	S2P_ZT_Ro	2	8.06	71	5.94E+05	(R)
1168	S4P_ZT_Ro	2	7.77	65.4	1.39E+06	(R)
1213	S2P_ZT_Ro	5	7.62	69	2.51E+06	(R)
1280	X2P_ZT.19	4	7.39	61.7	6.86E+05	(R)
1329	S3P_ZT_Ro	5	7.21	77.2	9.31E+05	(R)
1541	X4P_ZT.19	2	6.65	62.5	2.43E+05	(R)
2004	S3P_ZT_Ro	3	5.62	65.1	1.41E+06	(R)
2145	S3P_ZT_Ro	4	5.34	78.3	6.50E+05	(R)
2289	L3P_ZT.19	2	5.1	84.9	1.48E+05	(R)
14	S4P_ZT_Ro	3	19.96	93.5	1.32E+07	(R)
39	S3P_ZT_Ro	3	17.97	88.7	6.04E+06	(R)
94	S5P_ZT_Ro	3	15.6	86.2	8.08E+06	(R)
101	X3P_ZT.50	3	15.47	85.6	1.71E+07	(R)
110	S2P_ZT_Ro	3	15.32	85.9	1.50E+07	(R)
252	S1P_ZT_Ro	3	13.26	86.2	3.66E+07	(R)
397	S1P_ZT_Ro	3	11.82	69.2	3.66E+07	(R)
413	X4P_ZT.51	3	11.72	70	1.11E+07	(R)

423	S2P_ZT_Ro	3	11.65	78.6	1.50E+07	(R)
562	L3P_ZT.598	3	10.64	75.1	2.50E+07	(R)
642	S5P_ZT_Ro	3	10.03	66.6	8.08E+06	(R)
652	L3P_ZT.597	4	9.99	73.6	2.80E+07	(R)
909	S3P_ZT_Ro	4	8.74	60.3	1.30E+07	(R)
1042	S4P_ZT_Ro	3	8.23	66.5	1.32E+07	(R)
1291	S1P_ZT_Ro	4	7.35	61	2.92E+06	(R)
82	X4P_ZT.102	4	15.94	91.6	1.73E+06	(R)
112	L3P_ZT.111	4	15.23	83.8	3.85E+06	(R)
281	S5P_ZT_Ro	3	12.8	70.2	1.01E+06	(R)
304	S5P_ZT_Ro	3	12.61	79.8	1.01E+06	(R)
308	S5P_ZT_Ro	4	12.59	78.1	4.94E+06	(R)
332	L3P_ZT.110	5	12.42	100	1.99E+06	(R)
375	S5P_ZT_Ro	4	11.96	72.9	4.94E+06	(R)
537	X3P_ZT.104	4	10.8	75.8	4.51E+06	(R)
613	S5P_ZT_Ro	4	10.23	80.1	1.06E+05	(R)
760	S4P_ZT_Ro	4	9.43	91.6	3.96E+04	(R)
856	X3P_ZT.103	2	8.96	67.5	6.17E+04	(R)
860	S4P_ZT_Ro	3	8.95	67.5	5.42E+05	(R)
897	S5P_ZT_Ro	5	8.78	69.5	4.12E+06	(R)
926	X3P_ZT.101	5	8.63	71.9	2.76E+06	(R)
966	S5P_ZT_Ro	4	8.49	66.2	4.94E+06	(R)
1000	L3P_ZT.110	3	8.37	70.7	7.11E+05	(R)
1061	S4P_ZT_Ro	3	8.14	63.7	5.42E+05	(R)
1352	S4P_ZT_Ro	3	7.14	65.2	5.42E+05	(R)
1726	X3P_ZT.107	4	6.23	77.2	1.42E+05	(R)
2314	X3P_ZT.108	5	5.03	67.6	2.47E+05	(R)
85	X3P_ZT.139	3	15.84	92.8	8.99E+06	(R)
103	S5P_ZT_Ro	3	15.44	88.6	8.71E+05	(R)
117	S2P_ZT_Ro	3	15.16	93.4	4.77E+06	(R)
120	X4P_ZT.144	3	15.04	88.5	5.85E+06	(R)
127	X3P_ZT.158	3	14.95	100	1.64E+06	(R)
132	S1P_ZT_Ro	3	14.91	92.4	2.96E+06	(R)
136	S4P_ZT_Ro	3	14.84	90.4	4.46E+06	(R)
152	S2P_ZT_Ro	5	14.6	87	1.35E+07	(R)
174	L3P_ZT.149	3	14.24	83.9	6.56E+06	(R)
189	S5P_ZT_Ro	3	14.07	90.4	7.27E+06	(R)
194	S5P_ZT_Ro	2	13.99	72.9	1.57E+05	(R)
201	S2P_ZT_Ro	4	13.9	83.6	2.69E+06	(R)
207	S3P_ZT_Ro	3	13.85	92.6	1.54E+06	(R)
214	S2P_ZT_Ro	3	13.74	81.6	7.60E+05	(R)
243	X3P_ZT.141	3	13.37	93.8	8.96E+06	(R)
244	S4P_ZT_Ro	3	13.37	80.5	8.28E+05	(R)
258	X4P_ZT.140	3	13.2	87.7	5.85E+06	(R)
260	L3P_ZT.163	3	13.19	74.4	1.02E+06	(R)
284	S4P_ZT_Ro	4	12.78	78.8	1.46E+07	(R)
316	S5P_ZT_Ro	4	12.55	87.5	2.48E+07	(R)

320	L3P_ZT.149	4	12.52	79.8	2.95E+07	(R)
325	X3P_ZT.146	3	12.48	86.3	8.99E+06	(R)
327	S2P_ZT_Ro	4	12.47	86.3	1.59E+07	(R)
334	S5P_ZT_Ro	5	12.4	86.2	2.10E+07	(R)
341	S3P_ZT_Ro	3	12.36	81.1	4.29E+05	(R)
348	L3P_ZT.163	2	12.29	81.5	2.25E+05	(R)
355	S1P_ZT_Ro	4	12.2	82.4	2.05E+06	(R)
361	X4P_ZT.144	4	12.15	77	2.08E+07	(R)
372	S1P_ZT_Ro	2	11.99	76.5	6.11E+05	(R)
376	S4P_ZT_Ro	5	11.94	81.8	9.82E+06	(R)
388	X3P_ZT.160	3	11.85	78.1	1.64E+06	(R)
405	X4P_ZT.141	5	11.77	86.7	1.02E+07	(R)
444	S1P_ZT_Ro	4	11.51	84.4	1.01E+07	(R)
453	S4P_ZT_Ro	2	11.44	75	8.31E+05	(R)
454	S4P_ZT_Ro	3	11.42	88	4.46E+06	(R)
456	S5P_ZT_Ro	2	11.41	65.9	1.57E+05	(R)
482	S3P_ZT_Ro	4	11.22	76.1	6.13E+06	(R)
531	S4P_ZT_Ro	4	10.84	73.4	2.83E+06	(R)
535	X3P_ZT.158	2	10.81	82	3.62E+05	(R)
560	S3P_ZT_Ro	5	10.65	80	5.03E+06	(R)
561	S5P_ZT_Ro	4	10.64	83	3.06E+06	(R)
581	L3P_ZT.149	5	10.44	66.5	1.49E+07	(R)
595	X3P_ZT.143	4	10.37	76.1	1.90E+07	(R)
604	S4P_ZT_Ro	2	10.3	70	8.31E+05	(R)
608	S1P_ZT_Ro	5	10.28	67.1	9.12E+06	(R)
618	S2P_ZT_Ro	4	10.22	70.8	1.59E+07	(R)
620	S4P_ZT_Ro	4	10.21	69.7	1.46E+07	(R)
622	S3P_ZT_Ro	4	10.21	67.8	1.22E+06	(R)
632	X3P_ZT.156	4	10.12	74.7	4.83E+06	(R)
641	X3P_ZT.145	3	10.04	77.2	8.99E+06	(R)
656	L3P_ZT.155	2	9.97	60.5	8.49E+05	(R)
667	S2P_ZT_Ro	3	9.93	80.4	7.60E+05	(R)
673	X3P_ZT.139	5	9.88	67.8	8.23E+06	(R)
676	X4P_ZT.157	4	9.86	75.3	4.39E+06	(R)
690	L3P_ZT.162	4	9.79	72.6	3.75E+06	(R)
697	L3P_ZT.155	5	9.76	63.2	1.49E+07	(R)
703	S5P_ZT_Ro	3	9.72	81.1	7.27E+06	(R)
709	X4P_ZT.143	3	9.69	69.2	5.85E+06	(R)
725	X3P_ZT.142	4	9.61	71.4	1.90E+07	(R)
753	X3P_ZT.141	4	9.47	72.2	1.43E+07	(R)
754	S5P_ZT_Ro	4	9.47	66	2.48E+07	(R)
759	L3P_ZT.153	4	9.44	65.3	2.95E+07	(R)
761	S4P_ZT_Ro	3	9.43	67	4.46E+06	(R)
766	S3P_ZT_Ro	3	9.42	72.4	4.29E+05	(R)
769	X4P_ZT.144	5	9.4	65.6	1.02E+07	(R)
788	S3P_ZT_Ro	3	9.27	81	1.54E+06	(R)
791	S2P_ZT_Ro	2	9.26	63.6	8.52E+05	(R)

801	X3P_ZT.15	3	9.2	64	1.64E+06	(R)
812	S2P_ZT_Ro	3	9.14	76.4	4.77E+06	(R)
819	S4P_ZT_Ro	2	9.1	67.8	8.31E+05	(R)
836	X4P_ZT.14	2	9.03	69.2	7.11E+05	(R)
848	X3P_ZT.14	5	8.99	72	1.15E+07	(R)
864	S5P_ZT_Ro	2	8.93	64.6	1.57E+05	(R)
867	X3P_ZT.15	5	8.92	72.5	1.47E+07	(R)
876	X4P_ZT.14	5	8.88	70.5	8.58E+06	(R)
892	S3P_ZT_Ro	3	8.81	71.9	1.54E+06	(R)
918	L3P_ZT.151	3	8.71	70.5	6.56E+06	(R)
924	S5P_ZT_Ro	3	8.65	77.1	7.27E+06	(R)
979	X4P_ZT.15	3	8.44	70.3	1.24E+06	(R)
990	X4P_ZT.14	3	8.41	71.3	5.85E+06	(R)
1001	L3P_ZT.15	5	8.37	64.3	1.49E+07	(R)
1033	S2P_ZT_Ro	3	8.27	70.9	4.77E+06	(R)
1040	X4P_ZT.15	5	8.25	89.7	2.63E+06	(R)
1085	S2P_ZT_Ro	2	8.07	64.8	1.94E+05	(R)
1105	S1P_ZT_Ro	2	8.02	69.7	6.11E+05	(R)
1122	L3P_ZT.16	4	7.95	76.5	3.75E+06	(R)
1143	X3P_ZT.14	2	7.86	63.5	7.68E+05	(R)
1153	L3P_ZT.15	3	7.83	70.1	6.56E+06	(R)
1179	S3P_ZT_Ro	4	7.74	79.7	6.13E+06	(R)
1193	S3P_ZT_Ro	4	7.69	71.8	6.13E+06	(R)
1208	X4P_ZT.14	5	7.65	67.5	1.02E+07	(R)
1227	S5P_ZT_Ro	2	7.56	62.7	1.57E+05	(R)
1278	X3P_ZT.15	5	7.39	62.1	3.13E+06	(R)
1315	S2P_ZT_Ro	4	7.26	77	1.59E+07	(R)
1328	X3P_ZT.14	2	7.21	65.3	5.27E+05	(R)
1349	S2P_ZT_Ro	2	7.15	64.4	8.52E+05	(R)
1442	X3P_ZT.14	3	6.88	86.9	8.99E+06	(R)
1447	X4P_ZT.14	4	6.87	63.4	2.08E+07	(R)
1491	L3P_ZT.15	2	6.77	83.9	8.49E+05	(R)
1497	S4P_ZT_Ro	4	6.75	65.6	1.46E+07	(R)
1566	S3P_ZT_Ro	5	6.6	70.4	5.03E+06	(R)
1611	S1P_ZT_Ro	2	6.49	60.6	1.30E+05	(R)
1661	S5P_ZT_Ro	3	6.37	71.2	7.27E+06	(R)
1755	S5P_ZT_Ro	3	6.18	81.1	7.27E+06	(R)
1782	X3P_ZT.13	2	6.1	70	5.27E+05	(R)
1939	S5P_ZT_Ro	3	5.73	78.7	8.71E+05	(R)
2019	S3P_ZT_Ro	2	5.59	66.9	3.76E+05	(R)
2228	S4P_ZT_Ro	4	5.22	80.3	1.21E+04	(R)
1572	S1P_ZT_Ro	3	6.58	62.1	5.59E+05	(R)
2088	L1P_ZT.21	2	5.46	73.8	1.10E+06	(R)
610	S3P_ZT_Ro	3	10.26	65.6	3.36E+04	(R)
786	X3P_ZT.47	3	9.29	81.6	2.69E+05	(R)
1531	L3P_ZT.56	3	6.69	76.9	7.96E+05	(R)
104	S1P_ZT_Ro	4	15.44	84.2	3.26E+06	(R)

195	S4P_ZT_Ro	4	13.99	87.1	6.21E+06	(R)
229	S3P_ZT_Ro	4	13.56	71.8	1.21E+06	(R)
253	X3P_ZT.55	4	13.25	80.9	1.42E+06	(R)
426	S5P_ZT_Ro	4	11.63	66	4.17E+06	(R)
514	S2P_ZT_Ro	4	10.94	73.3	2.74E+06	(R)
781	X4P_ZT.55	4	9.33	63.2	1.34E+06	(R)
797	S4P_ZT_Ro	4	9.22	62.4	6.21E+06	(R)
998	X4P_ZT.55	3	8.37	60.4	1.23E+06	(R)
1251	X2P_ZT.59	4	7.48	64	7.61E+04	(R)
541	X4P_ZT.10	4	10.78	76.8	5.10E+05	(R)
985	S4P_ZT_Ro	4	8.43	69.9	3.35E+05	(R)
1007	S1P_ZT_Ro	5	8.35	65.4	1.19E+06	(R)
1020	S4P_ZT_Ro	5	8.31	67.5	3.81E+05	(R)
1051	S2P_ZT_Ro	5	8.2	64.9	4.42E+05	(R)
1082	X3P_ZT.10	3	8.07	78.4	1.39E+05	(R)
1177	S4P_ZT_Ro	4	7.74	62.3	3.35E+05	(R)
1284	L3P_ZT.11	3	7.38	91.3	8.55E+04	(R)
1286	X4P_ZT.10	3	7.37	91.6	8.76E+04	(R)
1318	S3P_ZT_Ro	5	7.25	71.1	9.65E+04	(R)
1690	S1P_ZT_Ro	5	6.3	69.8	1.19E+06	(R)
1697	S5P_ZT_Ro	5	6.29	78.9	4.29E+05	(R)
1804	S1P_ZT_Ro	5	6.06	100	6.49E+04	(R)
311	L3P_ZT.16	4	12.59	76.3	1.01E+06	(R)
390	S5P_ZT_Ro	4	11.84	80.5	1.85E+06	(R)
438	S3P_ZT_Ro	3	11.54	72.7	2.63E+04	(R)
504	S3P_ZT_Ro	4	11.02	82.8	3.36E+05	(R)
516	S4P_ZT_Ro	4	10.93	66.9	1.47E+05	(R)
557	X3P_ZT.15	3	10.66	85.2	6.91E+05	(R)
666	S4P_ZT_Ro	3	9.93	81.6	4.66E+05	(R)
744	S2P_ZT_Ro	3	9.55	75	4.89E+05	(R)
787	S4P_ZT_Ro	3	9.28	82.5	4.66E+05	(R)
792	S1P_ZT_Ro	5	9.26	76.7	1.73E+06	(R)
804	S2P_ZT_Ro	5	9.18	77.8	1.76E+06	(R)
807	S1P_ZT_Ro	5	9.17	67.1	1.62E+05	(R)
831	X4P_ZT.15	4	9.06	69.4	2.34E+06	(R)
859	X3P_ZT.15	3	8.95	100	1.45E+05	(R)
873	S2P_ZT_Ro	4	8.89	65.1	1.77E+06	(R)
1030	X4P_ZT.15	3	8.27	78.2	7.13E+05	(R)
1043	S1P_ZT_Ro	3	8.23	95.4	4.59E+05	(R)
1301	S1P_ZT_Ro	3	7.31	76.2	4.59E+05	(R)
1340	S4P_ZT_Ro	4	7.17	61.7	1.68E+06	(R)
1359	L3P_ZT.16	4	7.12	100	1.01E+06	(R)
1448	S1P_ZT_Ro	4	6.87	100	2.71E+05	(R)
1479	S2P_ZT_Ro	3	6.78	85.2	4.89E+05	(R)
1481	S1P_ZT_Ro	4	6.78	63.1	6.93E+05	(R)
1612	L3P_ZT.16	3	6.49	93.1	2.09E+05	(R)
1668	S5P_ZT_Ro	3	6.36	68.7	5.27E+05	(R)

1744	L3P_ZT.15	3	6.21	63.2	6.17E+05	(R)
1998	X4P_ZT.16	3	5.62	67.7	1.90E+05	(R)
2103	L3P_ZT.15	4	5.42	100	4.30E+05	(R)
1392	S4P_ZT_Ro	5	7	62.1	8.98E+05	(K)
2136	S2P_ZT_Ro	5	5.36	73.8	1.15E+05	(K)
1199	L1P_ZT.31	3	7.67	67.5	5.64E+05	(C)
1650	L1P_ZT.15	3	6.41	71.4	2.12E+05	(C)
2169	S4P_ZT_Ro	2	5.3	67.4	1.29E+05	(R)
1838	X1P_ZT.20	2	5.95	82.9	7.73E+06	(K)
1889	S5P_ZT_Ro	2	5.83	66	4.84E+06	(K)
2028	X4P_ZT.20	2	5.57	64.7	2.67E+06	(K)
2113	L4P_ZT.13	2	5.41	71	6.97E+05	(K)
1059	L2P_ZT.20	2	8.15	78	6.62E+07	(K)
1830	X1P_ZT.21	2	5.98	60.3	7.00E+07	(K)
1167	S5P_ZT_Ro	3	7.77	66.7	1.02E+05	(L)
1306	S4P_ZT_Ro	3	7.3	65.7	3.96E+05	(L)
1322	S4P_ZT_Ro	3	7.23	63	3.96E+05	(L)
1347	S4P_ZT_Ro	3	7.15	62.4	3.96E+05	(L)
1571	S5P_ZT_Ro	3	6.58	65.7	1.02E+05	(L)
2097	L1P_ZT.39	4	5.45	68.2	3.50E+04	(K)
837	L4P_ZT.78	2	9.03	66.4	1.70E+06	(P)
1436	X4P_ZT.48	3	6.89	70.6	9.67E+05	(Y)
2131	L1P_ZT.17	2	5.37	71	1.08E+05	(K)
1695	X4P_ZT.48	4	6.29	86.6	2.19E+04	(R)
705	S3P_ZT_Ro	7	9.71	64.9	2.94E+05	(K)
1022	S3P_ZT_Ro	7	8.31	60.4	7.16E+04	(K)
1206	X5P_ZT.55	7	7.65	72.5	1.59E+05	(K)
1408	X2P_ZT.54	7	6.97	100	7.73E+04	(K)
1543	X3P_ZT.54	7	6.65	62.3	2.16E+06	(K)
1622	S4P_ZT_Ro	7	6.47	100	1.03E+05	(K)
1089	L1P_ZT.321	3	8.06	71	1.10E+06	(C)
1605	L3P_ZT.33	3	6.51	68.7	2.35E+06	(C)
2275	L4P_ZT.30	4	5.12	71.6	3.49E+04	(K)
2090	L2P_ZT.21	6	5.46	71.3	4.80E+04	(R)
1859	X1P_ZT.35	4	5.91	65.3	1.03E+05	(R)
1658	L5P_ZT.25	2	6.38	68	8.38E+04	(K)
1014	S1P_ZT_Ro	2	8.33	70.9	5.34E+06	(G)
1403	S4P_ZT_Ro	5	6.98	70.4	7.30E+05	(T)
1587	S3P_ZT_Ro	5	6.55	69.5	5.40E+05	(T)
1795	X5P_ZT.52	5	6.08	68.7	1.06E+06	(T)
1827	S4P_ZT_Ro	3	5.99	63	1.13E+06	(R)
1379	S5P_ZT_Ro	3	7.04	61.9	1.34E+06	(V)
2172	L2P_ZT.11	2	5.3	61.8	5.90E+05	(K)
1987	S3P_ZT_Ro	3	5.65	61.1	5.72E+05	(K)
1769	S2P_ZT_Ro	3	6.14	62	2.44E+04	(K)
2045	L4P_ZT.24	3	5.54	92	1.19E+04	(K)
2117	X2P_ZT.27	4	5.39	67.1	3.19E+05	(K)

1929	X2P_ZT.496	4	5.75	64.7	1.27E+04	(K)
1463	S4P_ZT_Ro	6	6.83	61.5	8.78E+05	(K)
1858	X2P_ZT.288	4	5.91	67.5	2.16E+06	(R)
1982	X2P_ZT.289	5	5.65	71.5	4.27E+06	(R)
2324	X2P_ZT.290	4	5.01	65.6	2.16E+06	(R)
1710	S3P_ZT_Ro	2	6.27	62.7	1.66E+06	(K)
1802	X1P_ZT.318	2	6.06	100	8.96E+05	(K)
2009	S1P_ZT_Ro	2	5.61	71.8	6.34E+05	(K)
2059	S1P_ZT_Ro	2	5.51	83.3	1.26E+06	(K)
2127	S3P_ZT_Ro	2	5.37	61.8	7.48E+05	(K)
2292	S3P_ZT_Ro	2	5.09	62.2	1.58E+06	(K)
1145	S1P_ZT_Ro	2	7.86	68.4	6.98E+05	(K)
1420	S5P_ZT_Ro	4	6.94	72.9	2.18E+06	(K)
1417	L3P_ZT.270	3	6.95	65.1	2.49E+04	(K)
1547	L3P_ZT.488	5	6.65	66.2	2.14E+06	(K)
2225	X4P_ZT.489	6	5.22	61.5	7.27E+05	(K)
2027	L3P_ZT.501	5	5.58	70.8	2.89E+04	(K)
2297	X5P_ZT.296	5	5.08	80.1	9.63E+05	(K)
1698	S5P_ZT_Ro	2	6.29	63.6	4.36E+05	(K)
1902	L3P_ZT.491	2	5.81	66.3	3.43E+05	(K)
1679	X2P_ZT.505	7	6.33	66.8	1.47E+05	(K)
1881	X4P_ZT.497	7	5.86	61.8	1.15E+05	(K)
714	L5P_ZT.459	2	9.68	68.1	5.70E+05	(E)
774	X3P_ZT.274	2	9.37	60.5	9.88E+05	(G)
899	S1P_ZT_Ro	2	8.78	63.7	5.76E+05	(G)
1063	L3P_ZT.250	2	8.14	63.3	5.21E+05	(G)
1188	L3P_ZT.275	2	7.72	100	1.19E+06	(G)
1867	S2P_ZT_Ro	3	5.9	69.5	1.23E+06	(K)
2290	L4P_ZT.247	3	5.1	61.1	1.39E+06	(K)
2313	S5P_ZT_Ro	3	5.04	76.5	3.35E+06	(K)
1226	X2P_ZT.359	3	7.56	87.2	7.66E+04	(E)
1912	L4P_ZT.412	5	5.79	60.9	9.41E+04	(K)
2286	S5P_ZT_Ro	4	5.1	66.3	1.26E+06	(K)
1865	X1P_ZT.246	2	5.9	85.5	5.27E+05	(R)
2327	L2P_ZT.238	2	5.01	77.1	5.11E+05	(R)
2190	S5P_ZT_Ro	2	5.26	66.1	2.27E+04	(R)
2086	S5P_ZT_Ro	3	5.46	78.2	2.59E+05	(K)
2230	S3P_ZT_Ro	5	5.22	100	2.22E+05	(K)
1910	L3P_ZT.172	2	5.79	65.5	8.45E+05	(K)
977	S1P_ZT_Ro	2	8.45	70.8	2.60E+06	(E)
1884	L1P_ZT.490	4	5.85	60.7	3.84E+04	(C)
616	S4P_ZT_Ro	2	10.22	86.8	3.82E+07	(K)
729	S2P_ZT_Ro	2	9.59	85.4	3.94E+07	(K)
853	S3P_ZT_Ro	2	8.98	82.4	2.44E+07	(K)
891	S1P_ZT_Ro	2	8.82	83.5	2.04E+06	(K)
920	S5P_ZT_Ro	2	8.7	93.3	2.83E+07	(K)
1060	X4P_ZT.484	2	8.14	79.5	2.15E+06	(K)

1127	X3P_ZT.479	2	7.92	87.9	8.90E+05	(K)
1160	S2P_ZT_Ro	2	7.8	71	3.94E+07	(K)
1854	S1P_ZT_Ro	2	5.92	100	1.74E+06	(K)
2252	L3P_ZT.567	2	5.18	76.7	8.01E+06	(K)
1702	L2P_ZT.340	2	6.29	64.4	1.74E+04	(K)
1431	L4P_ZT.297	3	6.92	100	4.45E+04	(K)
2212	L4P_ZT.351	2	5.24	87.4	4.37E+04	(K)
2299	L3P_ZT.515	2	5.08	65.9	3.02E+07	(K)
1574	L3P_ZT.403	3	6.58	87.7	1.68E+06	(K)
1926	L4P_ZT.438	3	5.76	72.8	8.32E+06	(K)
2115	S2P_ZT_Ro	3	5.4	61.7	6.76E+06	(K)
2200	S3P_ZT_Ro	3	5.25	75.1	2.49E+06	(K)
2204	L3P_ZT.453	3	5.25	73.3	3.34E+06	(K)
1727	S2P_ZT_Ro	2	6.23	64.5	1.81E+06	(K)
631	S4P_ZT_Ro	2	10.14	81	7.63E+07	(K)
671	S2P_ZT_Ro	2	9.89	83.6	7.60E+07	(K)
741	S5P_ZT_Ro	2	9.56	100	1.23E+08	(K)
832	S1P_ZT_Ro	2	9.06	78.9	1.27E+08	(K)
1006	S3P_ZT_Ro	2	8.36	78.2	4.46E+07	(K)
1427	X4P_ZT.465	2	6.92	100	6.36E+07	(K)
2076	X3P_ZT.464	2	5.47	87.6	1.40E+08	(K)
2304	S5P_ZT_Ro	2	5.06	80.6	1.23E+08	(K)
1131	L5P_ZT.359	3	7.91	70	1.74E+05	(K)
1365	S4P_ZT_Ro	2	7.09	63.1	2.36E+06	(K)
1997	L4P_ZT.401	2	5.63	78.1	7.86E+05	(K)
1869	L3P_ZT.185	2	5.9	88.2	8.62E+04	(K)
2132	L5P_ZT.259	5	5.37	100	1.08E+05	(K)
2261	L4P_ZT.489	4	5.16	63.5	5.30E+04	(K)
1579	X4P_ZT.285	3	6.57	63.2	2.13E+07	(K)
1970	S2P_ZT_Ro	2	5.67	100	2.13E+07	(K)
2256	S5P_ZT_Ro	4	5.17	100	1.00E+05	(K)
2091	L4P_ZT.363	4	5.46	63.8	4.85E+05	(K)
1236	L1P_ZT.360	3	7.54	79.8	1.59E+05	(T)
1026	X3P_ZT.158	6	8.28	63.1	8.51E+04	(K)
649	S5P_ZT_Ro	2	10	67.7	8.40E+05	(R)
737	X4P_ZT.776	2	9.56	76.9	1.49E+06	(R)
883	S1P_ZT_Ro	2	8.86	78.2	2.63E+06	(R)
884	L1P_ZT.842	2	8.86	63.9	1.57E+06	(R)
1140	S3P_ZT_Ro	2	7.87	66	2.39E+06	(R)
1309	S2P_ZT_Ro	2	7.28	64.9	8.13E+05	(R)
1411	L3P_ZT.844	2	6.97	65.7	9.60E+05	(R)
1628	S4P_ZT_Ro	2	6.46	60.1	1.08E+06	(R)
1864	L5P_ZT.811	2	5.91	62.6	9.46E+05	(R)
2030	L2P_ZT.796	2	5.57	63.7	1.71E+06	(R)
2038	L4P_ZT.904	2	5.55	69.9	6.56E+05	(R)
1842	S2P_ZT_Ro	5	5.94	66.4	6.57E+04	(R)
1880	L2P_ZT.266	4	5.87	67.6	1.87E+06	(R)

1992	S3P_ZT_Ro	4	5.64	61.5	1.40E+06	(R)
2119	L1P_ZT.26	4	5.39	62.6	5.67E+06	(R)
1136	L1P_ZT.22	3	7.88	61.9	3.26E+05	(R)
1380	X3P_ZT.65	3	7.03	86.3	1.24E+05	(R)
1921	L5P_ZT.71	3	5.77	85.9	1.46E+05	(R)
2110	X1P_ZT.40	2	5.41	68.9	7.65E+05	(R)
2125	X5P_ZT.16	6	5.37	79	4.47E+05	(R)
1745	S4P_ZT_Ro	3	6.2	100	5.93E+05	(P)
1685	S4P_ZT_Ro	3	6.31	83.8	1.03E+06	(R)
1701	L2P_ZT.25	2	6.29	61.3	4.59E+05	(R)
1836	X1P_ZT.25	2	5.96	75.9	4.57E+05	(R)
2092	X5P_ZT.12	2	5.45	83.7	1.65E+06	(R)
1959	L3P_ZT.41	3	5.71	79.4	7.93E+04	(K)
2157	S5P_ZT_Ro	5	5.32	83.4	1.29E+05	(R)
2320	L2P_ZT.34	4	5.02	89.6	3.83E+07	(R)
1330	S2P_ZT_Ro	5	7.21	77	1.53E+06	(R)
2083	L3P_ZT.32	2	5.47	100	1.51E+05	(R)
1967	L2P_ZT.36	3	5.68	67.1	5.55E+04	(R)
1861	L1P_ZT.52	5	5.91	72.2	3.50E+04	(R)
1258	X1P_ZT.38	2	7.45	76.8	3.65E+06	(L)
1985	S5P_ZT_Ro	6	5.65	78.8	5.04E+05	(R)
1426	X4P_ZT.43	4	6.92	100	2.37E+06	(K)
1117	L3P_ZT.50	5	7.97	80.7	4.44E+05	(N)
1194	X1P_ZT.98	2	7.68	65.4	9.52E+07	(K)
1395	L1P_ZT.91	2	7	66.1	7.15E+07	(K)
1558	L3P_ZT.93	2	6.63	65.3	1.37E+08	(K)
1597	S2P_ZT_Ro	2	6.52	63.8	1.76E+08	(K)
1683	L4P_ZT.10	2	6.32	67	4.60E+07	(K)
1728	S1P_ZT_Ro	2	6.23	87.4	1.06E+08	(K)
1849	X5P_ZT.89	2	5.92	62	1.97E+08	(K)
1905	L4P_ZT.10	2	5.8	67.8	4.60E+07	(K)
2295	L4P_ZT.10	2	5.09	61.2	4.60E+07	(K)
1134	S3P_ZT_Ro	5	7.89	69.2	1.95E+05	(N)
2026	L2P_ZT.37	3	5.58	89	1.01E+06	(L)
2166	S2P_ZT_Ro	4	5.31	88.2	4.20E+04	(K)
1524	S4P_ZT_Ro	2	6.7	100	3.98E+06	(K)
2008	X4P_ZT.55	2	5.61	76.1	1.16E+06	(K)
1501	L3P_ZT.16	3	6.75	100	4.05E+06	(K)
1822	S4P_ZT_Ro	3	6	100	1.73E+06	(K)
1909	L2P_ZT.15	2	5.79	86.5	9.03E+05	(K)
2202	L1P_ZT.15	2	5.25	100	1.59E+06	(K)
1166	X5P_ZT.50	7	7.77	61.9	5.84E+06	(K)
1390	X2P_ZT.51	5	7	78.2	5.27E+04	(K)
2326	L1P_ZT.37	2	5.01	70.4	1.67E+05	(K)
944	X3P_ZT.41	2	8.58	67.9	1.69E+05	(K)
1108	L4P_ZT.40	2	8.01	64.5	1.08E+06	(K)
1110	X1P_ZT.39	2	7.99	62.1	1.72E+06	(K)

1128	S1P_ZT_Ro	2	7.92	63.9	4.76E+06	(K)
1164	L5P_ZT.42	2	7.79	68.5	9.33E+05	(K)
1292	L2P_ZT.40	2	7.35	64.1	3.08E+06	(K)
1326	S2P_ZT_Ro	2	7.22	73.6	1.47E+06	(K)
1375	L2P_ZT.40	2	7.05	70.2	3.08E+06	(K)
1383	S4P_ZT_Ro	2	7.02	70.3	1.43E+06	(K)
1439	L2P_ZT.39	2	6.89	73	4.85E+06	(K)
1477	X2P_ZT.42	2	6.79	70.9	3.87E+05	(K)
1731	L5P_ZT.43	2	6.23	71.2	1.08E+07	(K)
1750	X2P_ZT.43	2	6.19	71.2	2.84E+06	(K)
1786	L3P_ZT.41	2	6.1	60.3	3.61E+04	(K)
1968	X4P_ZT.41	2	5.67	70.8	3.25E+06	(K)
2188	X3P_ZT.47	2	5.26	73.3	1.26E+06	(K)
2193	L3P_ZT.35	4	5.26	69.2	2.91E+05	(K)
2281	L5P_ZT.36	4	5.11	61.7	1.03E+05	(K)
1129	L5P_ZT.31	3	7.92	77.6	4.64E+05	(K)
719	S5P_ZT_Ro	2	9.65	70.7	2.15E+06	(N)
882	S3P_ZT_Ro	2	8.86	86.4	1.47E+06	(N)
982	S4P_ZT_Ro	2	8.44	66.8	2.35E+06	(N)
987	X3P_ZT.55	2	8.42	100	5.54E+05	(N)
1325	X2P_ZT.52	4	7.22	100	1.29E+05	(N)
1866	S3P_ZT_Ro	5	5.9	90.3	7.26E+05	(R)
1991	X1P_ZT.47	5	5.64	87.9	5.51E+05	(R)
2223	X5P_ZT.52	5	5.22	100	7.04E+05	(R)
1192	X2P_ZT.50	5	7.69	65.3	5.56E+04	(A)
1879	S2P_ZT_Ro	5	5.87	60.4	2.30E+05	(A)
2239	X1P_ZT.19	3	5.21	79.1	2.66E+04	(K)

andem mass spectrometry for serum amyloid A peptides detected in plasma

sequence	next_aa	sequence	modificati	parent_m_	matched_p
AADILLGVItK	(S)		t:Phosphor	597.3223	1113.688
AAPDGSGTLVRDFVCDVCEDLCQTDDLLVVLHERK	(S)		C:Carbami	667.9969	4002.899
AAVAAGTEGAPGFWDTITK	(P)			931.9783	1862.928
ADLVREGYLTERTCVAAARSLTPNFQTSFEHLQCVLSEAD	(L)		C:Carbami	1202.851	4808.352
ADQAANEWGR	(S)			559.2582	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7488	1117.502
ADQAANEWGR	(S)			559.2585	1117.502
ADQAANEWGR	(S)			559.2581	1117.502
ADQAANEWGR	(S)			559.2508	1117.502
ADQAANEWGR	(S)			559.2595	1117.502
ADQAANEWGR	(S)			559.2592	1117.502
ADQAANEWGR	(S)			559.2582	1117.502
ADQAANEWGR	(S)			559.2551	1117.502
ADQAANEWGR	(S)			559.2563	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.746	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7488	1117.502
ADQAANEWGR	(S)			559.2586	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7496	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7505	1117.502
ADQAANEWGR	(S)			559.2552	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7465	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7487	1117.502
ADQAANEWGR	(S)			559.2571	1117.502
ADQAANEWGR	(S)			559.259	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7499	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7498	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7501	1117.502
ADQAANEWGR	(S)			559.2615	1117.502
ADQAANEWGR	(S)			559.2582	1117.502
ADQAANEWGR	(S)			559.2573	1117.502
ADQAAnEWGR	(S)		n:Deamida	559.7488	1117.502
ADQAANEWGR	(S)			559.2568	1117.502
ADQAANEWGR	(S)			559.2571	1117.502
ADQAANEWGRSGKDPNHFRP	(A)			751.6925	2253.054
ADQAANEWGRSGKDPNHFRP	(A)			751.6917	2253.054
ADQAANEWGRSGKDPNHFRP	(A)			751.6953	2253.054
ADQEANQWGRSGNDPNHFRPKGLPD	(K)			702.3219	2806.304
ALVGSLTHILQHLEDCQKEPLEKPmRPsNEGTDEPR	(A)		C:Carbami	1056.003	4125.049
ANHQNsDQYFYARGnFEAQQRGSGGVWAAK	(I)	ANHQNsD	s:Phosphor	1146.862	3357.553
ANHQNsDQYFYARGnFEAQQRGSGGVWAAK	(I)	ANHQNsD	s:Phosphor	1146.861	3357.553
ANHQNsDQYFYARGnFEAQQRGSGGVWAAK	(I)	ANHQNsD	s:Phosphor	1146.861	3357.553
ANWIGADKYFHAR	(G)			774.8846	1548.771
ANWKNSDKYFHARGNYDAASRGAGGR	(V)			957.1371	2869.363
ANWKNSDKYFHARGNYDAASRGAGGR	(V)			957.1441	2869.363
ATDILVGVISRSRCPRLTEICVGILGNIACFPDTCATLSQNE	(E)		C:Carbami	827.7603	4961.474

ATVIFSLKNEV	(G)			610.8601	1220.688
ATVIFSLKNEV	(G)			610.8589	1220.688
AVGEDDDLDAIGETIYSkHWIFSTLTR	(L)		k:Acetyl	1032.187	3052.49
AYHDMR	(E)			396.6759	792.346
AYHDMR	(E)			264.7873	792.346
AYHDMR	(E)			396.6769	792.346
AYHDMR	(E)			264.7874	792.346
AYHDMR	(E)			396.6767	792.346
AYHDMR	(E)			264.7868	792.346
AYHDMR	(E)			264.787	792.346
AYHDMR	(E)			396.6775	792.346
AYHDMR	(E)			396.6766	792.346
AYHDMR	(E)			264.7864	792.346
AYHDMR	(E)			264.7872	792.346
AYHDMR	(E)			264.7885	792.346
AYHDMR	(E)			396.6765	792.346
AYHDMR	(E)			264.7899	792.346
AYHDMR	(E)			396.6785	792.346
AYNDMR	(E)			385.1705	769.33
AYNDMR	(E)			385.171	769.33
AYNDMR	(E)			385.1704	769.33
AYNDMR	(E)			385.1704	769.33
AYNDMR	(E)			385.1698	769.33
AYNDMR	(E)			385.1692	769.33
AYNDMR	(E)			385.1718	769.33
AYNDMR	(E)			385.1706	769.33
AYNDMR	(E)			385.1685	769.33
AYnDMR	(E)	AYnDMR	n:Deamida	385.6588	769.33
AYnDMR	(E)		n:Deamida	385.6613	769.33
AYnDMR	(E)		n:Deamida	385.6635	769.33
AYnDMR	(E)		n:Deamida	385.6613	769.33
AYnDMR	(E)	AYnDMR	n:Deamida	385.6628	769.33
AYnDMR	(E)		n:Deamida	385.6601	769.33
AYnDMR	(E)		n:Deamida	385.6616	769.33
AYnDMR	(E)		n:Deamida	385.6594	769.33
AYnDMR	(E)		n:Deamida	385.6634	769.33
AYnDMR	(E)		n:Deamida	385.661	769.33
AYnDMR	(E)		n:Deamida	385.6616	769.33
AYnDMR	(E)		n:Deamida	385.6637	769.33
AYnDMR	(E)	AYnDMR	n:Deamida	385.6613	769.33
AYnDMR	(E)		n:Deamida	385.6612	769.33
AYnDMR	(E)		n:Deamida	385.6629	769.33
AYnDMR	(E)		n:Deamida	385.6622	769.33
AYnDMR	(E)		n:Deamida	385.6606	769.33
AYnDMR	(E)		n:Deamida	385.6634	769.33
AYnDMR	(E)		n:Deamida	385.6628	769.33
AYNDMR	(E)			385.1747	769.33

AYQDmkKSNWINGDK	(Y)	AYQDmkKS	m:Oxidized	619.6231	1797.859
AYQDMKKSNWINGDk	(Y)		k:Acetyl	920.4453	1797.859
AYSDMkEANYINADkYFHAR	(G)		k:Carbamyl	624.0244	2407.114
AYWNVLTSSHQNSKRYFYAQGNYDAAER	(G)			835.659	3339.557
AYWNVLTSSHQNSKRYFYAQGNYDAAER	(G)			668.7291	3339.557
CLESTELPLCSALRRGAESPLR	(A)		C:Carbamic	839.0896	2515.276
CSCAFENLLPFYsPVVEDFLk	(I)		C:Carbamic	886.7296	2535.193
CSCAFknLLPFYSPVIEDFLK	(I)		C:Carbamic	864.7417	2548.262
CSCAFkNLLPLYCsVVkDFLK	(V)		C:Carbamic	909.4358	2562.292
CSCAFKNLLPLYCsVVkDFLk	(V)		C:Carbamic	909.4358	2562.292
CSCAFkNLLPLYCsVVkDFLK	(V)		C:Carbamic	909.445	2562.292
CSCAFQnLLPFyNPVVEDFIK	(I)		C:Carbamic	881.408	2561.22
CSCAFQnLLPFyNPVVEDFIK	(I)	CSCAFQnLL	C:Carbamic	881.4121	2561.22
CSCAFQnLLPFyNPVVEDFIK	(I)		C:Carbamic	881.4071	2561.22
CSCAFQnLLPFyNPVVEDFIK	(I)	CSCAFQnLL	C:Carbamic	881.408	2561.22
CSCAFQnLLPFyNPVVEDFIK	(I)		C:Carbamic	881.408	2561.22
CSCAFQNLLPFynPVVEDFIK	(I)		C:Carbamic	881.4122	2561.22
CSCAFQNLLPFyNPVVEDFIK	(I)		C:Carbamic	881.077	2561.22
CSCAFQnLLPFyNPVVEDFIK	(I)	CSCAFQnLL	C:Carbamic	881.4054	2561.22
CsCAFQnLLPFYnPVVEDFIK	(I)		C:Carbamic	661.5513	2561.22
CSCAFQNLLPFYSPmVEDFLk	(I)		C:Carbamic	875.7266	2566.182
CSCAFQNLLPFYsPMVEDFLK	(I)		C:Carbamic	882.7264	2566.182
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4034	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4098	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.3994	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4122	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4121	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4122	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4054	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.3892	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4122	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.408	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4122	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4033	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4059	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4074	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4034	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4013	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.408	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.408	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4017	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4005	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4121	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4059	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4054	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4054	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4013	2562.216

CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4098	2562.216
CSCAFQNLLPFYsPVVEDFLR	(V)		C:Carbamic	881.4029	2562.216
CSCVFQnLLPLYGPVVEDFIK	(I)		C:Carbamic	833.763	2498.246
CSSAFQNLLPFYSPVVEDFIKILREVDKALADDLEKN	(F)		C:Carbamic	1071.815	4284.19
DAAQRGPGGAWAAKVISNARENIQGITDPLFKGMTRDC	(E)			716.6988	4295.221
DAVADLMNkGYLTEk	(T)		k:Acetyl	876.4367	1667.831
DFHLKILKDILCEFLSNIFQALTKETVVQGVK	(E)		C:Carbamic	625.3445	3747.055
DGAEDEQLEtLTEITAELLADLCLHISkDAVADLmnK	(G)	DGAEDEQL	C:Carbamic	1408.994	4084.994
DILCEFLSNIFQALTKETVVQGVKEGQLSKQKCSSAFQNLL	(F)		C:Carbamic	954.5016	4768.469
DKEEEEVAGGDCIGSTVYSKHWLFGVLsGLIQIVSPENTK	(S)	DKEEEEVA(	C:Carbamic	895.2339	4392.17
DKLFDLDEKLMLEWIK	(N)			679.3739	2036.077
DKLFDLDEKLMLEWIK	(N)			679.3542	2036.077
DKLFDLDEKLMLEWIK	(N)			679.3744	2036.077
DLCQAEDLSVVL	(Q)		C:Carbamic	681.3295	1361.662
DLCQAEDLSVVL	(Q)		C:Carbamic	681.3276	1361.662
DLCQAEDLSVVL	(Q)		C:Carbamic	681.3297	1361.662
DLCQAEDLSVVL	(Q)		C:Carbamic	681.3291	1361.662
DLKkANWIGADk	(Y)		k:Acetyl	721.8939	1358.743
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5728	1335.727
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5743	1335.727
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5742	1335.727
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5742	1335.727
DLkkSNFIGADK	(Y)		k:Acetyl	710.3666	1335.727
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5728	1335.727
DLKksNFIGADK	(Y)		k:Acetyl,s:F	486.5758	1335.727
DLKKsNFIGADk	(Y)	DLKKsNFIG	s:Phosphor	486.5692	1335.727
DLPSLK	(A)			336.7018	672.393
DLPSLK	(A)			336.7019	672.393
DLPSLK	(A)			336.7014	672.393
DLPSLK	(A)			336.7027	672.393
DLPSLK	(A)			336.6967	672.393
DLPSLK	(A)			336.7026	672.393
DLPSLK	(A)			336.7017	672.393
DLPSLK	(A)			336.7041	672.393
DLPSLK	(A)			336.6937	672.393
DLPSLK	(A)			336.7003	672.393
DLPSLK	(A)			336.7003	672.393
DLPSLK	(A)			336.7009	672.393
DLPSLK	(A)			336.7031	672.393
DLPSLK	(A)			336.7063	672.393
DLPSLK	(A)			336.7025	672.393
DmWKAYSDmKEANyK	(K)		m:Oxidized	996.3973	1879.835
DNPEGLDVYMHILQLLTTADEGIQAIVQCPAAGR	(D)		C:Carbamic	742.575	3708.836
DNPEGLDVYMHILQLLTTADEGIQAIVQCPAAGR	(D)		C:Carbamic	742.5688	3708.836
DPNHFR	(P)			393.1883	785.369
DPNHFR	(P)			393.1885	785.369
DPNHFR	(P)			393.1935	785.369

DPNHFR	(P)		262.4611	785.369
DPNHFR	(P)		393.1883	785.369
DPNHFR	(P)		393.1948	785.369
DPNHFR	(P)		393.1937	785.369
DPNHFR	(P)		262.4621	785.369
DPNHFRPAGLPDK	(Y)		732.3863	1463.739
DPNHFRPAGLPDK	(Y)		488.5869	1463.739
DPNHFRPAGLPDK	(Y)		488.589	1463.739
DPNHFRPAGLPDK	(Y)		488.5875	1463.739
DPNHFRPAGLPDK	(Y)		488.5875	1463.739
DPNHFRPAGLPDK	(Y)		488.5877	1463.739
DPNHFRPAGLPDK	(Y)		488.5877	1463.739
DPNHFRPAGLPDK	(Y)		366.6939	1463.739
DPNHFRPAGLPDK	(Y)		366.6937	1463.739
DPNHFRPAGLPDK	(Y)		732.3858	1463.739
DPNHFRPAGLPDK	(Y)		488.5875	1463.739
DPNHFRPAGLPDK	(Y)		732.3858	1463.739
DPNHFRPAGLPDKY	(-)		542.9395	1626.802
DPNHFRPAGLPDKY	(-)		542.9407	1626.802
DPNHFRPAGLPDKY	(-)		813.9087	1626.802
DPNHFRPAGLPDKY	(-)		407.4577	1626.802
DPNHFRPAGLPDKY	(-)		542.9416	1626.802
DPNHFRPAGLPDKY	(-)		813.9059	1626.802
DPNHFRPAGLPDKY	(-)		813.9092	1626.802
DPNHFRPAGLPDKY	(-)		542.9395	1626.802
DPNHFRPAGLPDKY	(-)		407.4574	1626.802
DPNHFRPAGLPDKY	(-)		813.9073	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	814.3993	1626.802
DPNHFRPAGLPDKY	(-)		407.4596	1626.802
DPNHFRPAGLPDKY	(-)		407.4574	1626.802
DPNHFRPAGLPDKY	(-)		542.9417	1626.802
DPNHFRPAGLPDKY	(-)		542.9417	1626.802
DPNHFRPAGLPDKY	(-)		813.9073	1626.802
DPNHFRPAGLPDKY	(-)		542.9412	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	543.2724	1626.802
DPNHFRPAGLPDKY	(-)		813.9092	1626.802
DPNHFRPAGLPDKY	(-)		813.909	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	814.4062	1626.802
DPNHFRPAGLPDKY	(-)		813.9092	1626.802
DPNHFRPAGLPDKY	(-)		407.4598	1626.802
DPNHFRPAGLPDKY	(-)		813.9087	1626.802
DPNHFRPAGLPDKY	(-)		813.909	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	814.4006	1626.802
DPNHFRPAGLPDKY	(-)		542.9425	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	814.4063	1626.802
DPNHFRPAGLPDKY	(-)		407.4611	1626.802
DPnHFRPAGLPDKY	(-)	n:Deamida	814.3989	1626.802

DPNHFRPAGLPDKY	(-)		542.943	1626.802
DPNHFRPH	(G)		510.245	1019.481
DPNHFRPH	(G)		510.2438	1019.481
DPNHFRPH	(G)		510.2441	1019.481
DPNHFRPH	(G)		510.2438	1019.481
DPNHFRPH	(G)		510.2469	1019.481
DPNHFRPH	(G)		510.2462	1019.481
DPNHFRPH	(G)		340.4998	1019.481
DPNHFRPH	(G)		340.4994	1019.481
DPNHFRPH	(G)		510.244	1019.481
DPNHFRPH	(G)		340.4995	1019.481
DPNHFRPH	(G)		340.4996	1019.481
DPNHFRPH	(G)		510.2458	1019.481
DPNHFRPH	(G)		510.2475	1019.481
DPNHFRPH	(G)		510.2435	1019.481
DPNHFRPH	(G)		510.244	1019.481
DPNHFRPH	(G)		340.4987	1019.481
DPNHFRPH	(G)		510.245	1019.481
DPNHFRPH	(G)		510.2469	1019.481
DPNHFRPH	(G)		340.4993	1019.481
DPNHFRPH	(G)		340.502	1019.481
DPNHFRPH	(G)		510.2464	1019.481
DPNHFRPH	(G)		510.2469	1019.481
DPNHFRPH	(G)		510.244	1019.481
DPNHFRPH	(G)		510.2442	1019.481
DPNHFRPH	(G)		510.2464	1019.481
DPNHFRPH	(G)		510.2475	1019.481
DPNHFRPH	(G)		510.2431	1019.481
DPNHFRPH	(G)		340.5005	1019.481
DPNHFRPH	(G)		510.2435	1019.481
DPNHFRPHG	(L)		538.7566	1076.502
DPNHFRPHGLPDK	(Y)		765.3851	1529.761
DPNHFRPHGLPDK	(Y)		510.5936	1529.761
DPNHFRPHGLPDK	(Y)		383.1972	1529.761
DPNHFRPHGLPDK	(Y)		510.5929	1529.761
DPNHFRPHGLPDK	(Y)		510.5945	1529.761
DPNHFRPHGLPDK	(Y)		510.5942	1529.761
DPNHFRPHGLPDK	(Y)		510.5944	1529.761
DPNHFRPHGLPDK	(Y)		510.5882	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	383.4434	1529.761
DPNHFRPHGLPDK	(Y)		510.593	1529.761
DPNHFRPHGLPDK	(Y)		383.1968	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	510.9248	1529.761
DPNHFRPHGLPDK	(Y)		510.5952	1529.761
DPNHFRPHGLPDK	(Y)		765.3873	1529.761
DPNHFRPHGLPDK	(Y)		510.5942	1529.761
DPNHFRPHGLPDK	(Y)		383.1973	1529.761

DPnHFRPHGLPDK	(Y)	n:Deamida	510.9243	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	510.9217	1529.761
DPNHFRPHGLPDK	(Y)		383.198	1529.761
DPNHFRPHGLPDK	(Y)		383.1978	1529.761
DPNHFRPHGLPDK	(Y)		510.5936	1529.761
DPNHFRPHGLPDK	(Y)		510.5942	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	383.4431	1529.761
DPNHFRPHGLPDK	(Y)		510.5941	1529.761
DPNHFRPHGLPDK	(Y)		383.197	1529.761
DPNHFRPHGLPDK	(Y)		510.5952	1529.761
DPNHFRPHGLPDK	(Y)		510.5936	1529.761
DPNHFRPHGLPDK	(Y)		765.387	1529.761
DPNHFRPHGLPDK	(Y)		383.2031	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	383.4478	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	383.4442	1529.761
DPnHFRPHGLPDK	(Y)	n:Deamida	383.4448	1529.761
DPNHFRPHGLPDKY	(-)		846.9084	1692.824
DPNHFRPHGLPDKY	(-)		846.919	1692.824
DPNHFRPHGLPDKY	(-)		846.9199	1692.824
DPNHFRPHGLPDKY	(-)		846.9178	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2749	1692.824
DPNHFRPHGLPDKY	(-)		423.9643	1692.824
DPNHFRPHGLPDKY	(-)		846.9199	1692.824
DPNHFRPHGLPDKY	(-)		564.9498	1692.824
DPNHFRPHGLPDKY	(-)		564.947	1692.824
DPNHFRPHGLPDKY	(-)		846.9178	1692.824
DPNHFRPHGLPDKY	(-)		423.9638	1692.824
DPNHFRPHGLPDKY	(-)		423.9648	1692.824
DPNHFRPHGLPDKY	(-)		846.9174	1692.824
DPNHFRPHGLPDKY	(-)		564.9481	1692.824
DPNHFRPHGLPDKY	(-)		564.9492	1692.824
DPNHFRPHGLPDKY	(-)		423.963	1692.824
DPNHFRPHGLPDKY	(-)		564.9488	1692.824
DPNHFRPHGLPDKY	(-)		423.9632	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2761	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2761	1692.824
DPNHFRPHGLPDKY	(-)		423.963	1692.824
DPNHFRPHGLPDKY	(-)		846.9175	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2792	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2775	1692.824
DPNHFRPHGLPDKY	(-)		846.92	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	424.2107	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2764	1692.824
DPNHFRPHGLPDKY	(-)		564.9483	1692.824
DPNHFRPHGLPDKY	(-)		423.963	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4077	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4094	1692.824

DPnHFRPHGLPDKY	(-)	n:Deamida	565.2764	1692.824
DPNHFRPHGLPDKY	(-)		564.95	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	424.21	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4118	1692.824
DPNHFRPHGLPDKY	(-)		846.9083	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	424.2092	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4075	1692.824
DPNHFRPHGLPDKY	(-)		846.9218	1692.824
DPNHFRPHGLPDKY	(-)		846.9231	1692.824
DPNHFRPHGLPDKY	(-)		846.9218	1692.824
DPNHFRPHGLPDKY	(-)		846.9178	1692.824
DPNHFRPHGLPDKY	(-)		423.9643	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4114	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4109	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2764	1692.824
DPNHFRPHGLPDKY	(-)		564.9474	1692.824
DPNHFRPHGLPDKY	(-)		564.9483	1692.824
DPNHFRPHGLPDKY	(-)		846.9218	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4077	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4119	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2735	1692.824
DPNHFRPHGLPDKY	(-)		423.9637	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4094	1692.824
DPNHFRPHGLPDKY	(-)		846.919	1692.824
DPNHFRPHGLPDKY	(-)		423.9632	1692.824
DPNHFRPHGLPDKY	(-)		564.9498	1692.824
DPNHFRPHGLPDKY	(-)		846.9218	1692.824
DPNHFRPHGLPDKY	(-)		564.9481	1692.824
DPNHFRPHGLPDKY	(-)		846.919	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2749	1692.824
DPNHFRPHGLPDKY	(-)		564.9492	1692.824
DPNHFRPHGLPDKY	(-)		846.9199	1692.824
DPNHFRPHGLPDKY	(-)		846.9284	1692.824
DPNHFRPHGLPDKY	(-)		564.9488	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	565.2761	1692.824
DPNHFRPHGLPDKY	(-)		564.9481	1692.824
DPNHFRPHGLPDKY	(-)		846.919	1692.824
DPNHFRPHGLPDKY	(-)		564.9472	1692.824
DPNHFRPHGLPDKY	(-)		846.9084	1692.824
DPNHFRPHGLPDKY	(-)		846.9284	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	847.4094	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	424.2113	1692.824
DPNHFRPHGLPDKY	(-)		846.9175	1692.824
DPnHFRPHGLPDKY	(-)	n:Deamida	424.2117	1692.824
DPNHFRPHGLPDKY	(-)		846.9252	1692.824
DPNHFRPHGLPDKY	(-)		846.9199	1692.824
DPNHFRPHGLPDKY	(-)		564.9502	1692.824

DPnHFRPHGLPDKY	(-)		n:Deamida	847.4109	1692.824
DPNHFRPHGLPDKY	(-)			846.919	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	847.4109	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	847.4077	1692.824
DPNHFRPHGLPDKY	(-)			846.9218	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	847.4094	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2792	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2703	1692.824
DPNHFRPHGLPDKY	(-)			846.9284	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	424.2132	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2759	1692.824
DPNHFRPHGLPDKY	(-)			564.9488	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	847.4119	1692.824
DPNHFRPHGLPDKY	(-)			846.919	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	847.4075	1692.824
DPNHFRPHGLPDKY	(-)			564.9488	1692.824
DPNHFRPHGLPDKY	(-)			423.9652	1692.824
DPNHFRPHGLPDKY	(-)			423.963	1692.824
DPNHFRPHGLPDKY	(-)			564.95	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2703	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2735	1692.824
DPnHFRPHGLPDKY	(-)		n:Deamida	565.2792	1692.824
DPNPFRPAGLPDK	(Y)			712.3773	1423.733
DPNYyRPPGLPDk	(Y)		y:Phosphor	827.8633	1531.754
DPNYYRPPGLPDKY	(-)			424.4603	1694.817
DPPIILQEQKTVLASVYSVLSAIYASR	(A)			741.1581	2961.63
DQWRSRSDSIVPLIGNVLRVCQYHR	(E)		C:Carbamic	1018.869	3054.58
DSGHGAEDSR	(A)			515.7149	1030.418
DSGHGAEDSR	(A)	DSGHGAEDSR|DSGHG		515.7148	1030.418
DSGHGAEDSR	(A)	DSGHGAEDSR|DSGHG		515.7204	1030.418
DTVADLmnkGYLTEKTCLAAASCLHHK	(F)	DTVADLmr	C:Carbamic	1036.145	3047.475
DTWNLLFDLVCHEFCQSDDPPIILQEQKTVLASVFSVLSAI	(A)		C:Carbamic	819.417	4911.426
DVSCELLSnVFQDLTkEnIIQALKEDHLnk	(Q)	DVSCELLSn	C:Carbamic	721.3436	3513.789
DVSCELLSnVFQDLTKEnIIQALkEDHLnk	(Q)	DVSCELLSn	C:Carbamic	721.3521	3513.789
DVSCELLSnVFQDLTkEnIIQALKEDHLnk	(Q)	DVSCELLSn	C:Carbamic	721.3457	3513.789
DVSCELLSnVFQDLTKEnIIQALkEDHLnk	(Q)	DVSCELLSn	C:Carbamic	721.3522	3513.789
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.536	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.538	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5335	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5334	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5352	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5319	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5358	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5353	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5311	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5353	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)		C:Carbamic	662.5333	3308.664

DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)	C:Carbami	662.5319	3308.664
DVTVFLFTLCPFGRVLSFPGTWDMLRAY	(N)	C:Carbami	662.5352	3308.664
EAAQGAWDMWRAYSDMREANYIGADKYFHARGNYEA	(Q)		1429	4284.904
EAARGTWDMIRAYHDMREANYIGADK	(Y)	EAARGTWDMIRAYHD	1014.163	3040.415
EALQGAGDLGRAYWNVLtSSHQnSkR	(Y)	t:Phosphor	994.8002	2858.429
EALQGAGDLGRAYWNVLTSSHQNSKRYFYAQGNYDAA	(L)		1192.417	7149.51
EALQGITDPLFkGMTRDQVR	(E)	k:Carbamyl	773.3908	2275.186
EALQGITDPLFkGMTRDQVR	(E)	k:Carbamyl	773.3908	2275.186
EANWKKSDKYFHARGNYDA	(A)	EANWKKSDKYFHARGN	1150.534	2300.084
EANWKKSDKYFHARGNYDA	(A)		1150.532	2300.084
EANWKKSDKYFHARGNYDA	(A)		1150.55	2300.084
EANYIGADK	(Y)		490.7417	980.468
EANYIGADK	(Y)		490.7406	980.468
EANYIGADK	(Y)		490.7407	980.468
EANYIGADK	(Y)		490.7415	980.468
EANYIGADK	(Y)	EANYIGADK	490.7392	980.468
EANYIGADK	(Y)		490.74	980.468
EAnYIGADK	(Y)	n:Deamida	491.2316	980.468
EANYIGADK	(Y)		490.7404	980.468
EANYIGADK	(Y)		490.7359	980.468
EAnYIGADK	(Y)	n:Deamida	491.2348	980.468
EAnYIGADK	(Y)	n:Deamida	491.2312	980.468
EAnYIGADK	(Y)	n:Deamida	491.23	980.468
EAnYIGADK	(Y)	n:Deamida	491.2324	980.468
EAnYIGADK	(Y)	n:Deamida	491.2302	980.468
EAnYIGADK	(Y)	n:Deamida	491.2376	980.468
EAnYIGADK	(Y)	n:Deamida	491.2333	980.468
EANYIGADK	(Y)		490.742	980.468
EAnYIGADK	(Y)	n:Deamida	491.2343	980.468
EANYIGADK	(Y)		490.7413	980.468
EANYIGADK	(Y)	EANYIGADK	490.7367	980.468
EANYIGADKY	(F)		572.2716	1143.532
EANYIGADKY	(F)		572.2721	1143.532
EANYIGADKY	(F)		572.2722	1143.532
EANYIGADKY	(F)		572.2711	1143.532
EANYIGADKY	(F)		572.2708	1143.532
EANYIGADKY	(F)		572.2713	1143.532
EANYIGADKY	(F)		572.2768	1143.532
EANYIGADKY	(F)		572.2722	1143.532
EANYIGADKYF	(H)		645.8126	1290.6
EANYIGADKYF	(H)		645.8136	1290.6
EANYIGADKYF	(H)		645.8109	1290.6
EANYIGADKYF	(H)		645.8133	1290.6
EANYIGADKYF	(H)		645.8098	1290.6
EANYIGADKYFHAR	(G)		414.4587	1654.797
EANYIGADKYFHARGNYDAAQRGPGGAWAAKVISDGR	(G)		819.2575	5728.724
EANYIGADKYFHARGNYDAARRGPGGVWAA	(K)		814.1455	3253.568

EANYINADKYFHAR	(G)			428.7138	1711.819
EANYINADKYFHAR	(G)			428.713	1711.819
EANYINADKYFHAR	(G)			428.713	1711.819
EANYINADKYFHAR	(G)			571.2787	1711.819
EANYINADKYFHAR	(G)			428.7138	1711.819
EANYINADKYFHAR	(G)			571.2779	1711.819
EANYINADKYFHAR	(G)			428.7138	1711.819
EANYINADKYFHAR	(G)			571.2787	1711.819
EANYINADKYFHAR	(G)			428.7133	1711.819
EANYKNADKYFHARGNYDAAQRGPGDTWAAKVISDA	(R)			794.9967	3970.886
EANYRGADKYFHARGNYDAARRGPGGAWAAKVISNAR	(Q)			730.8744	4380.188
ECKHEATSKGGAEDGQLETLAEITAEFLADLCLDISKDTVA	(T)		C:Carbamic	819.2588	5728.755
ECKHEATSKGGAEDGQLETLAEITAEFLADLCLDISKDTVA	(T)		C:Carbamic	819.2588	5728.755
EDEKDEQLETLAEITAEFLADLFVHIQKDTVADLVKKV	(Y)			1086.572	4343.255
EEEEEVAGGDCIGSTVYSKHWLFGVLSGLIQDVALFLQEF	(S)		C:Carbamic	955.7926	5728.823
EEEEEVAGGDCIGSTVYSKHWLFGVLSGLIQIVSPENTKSS	(E)		C:Carbamic	818.9724	5726.67
EFkRPKtVIWTFTYK	(L)	EFkRPKtVI	k:Carbamy	689.6934	1944.074
EFkRPKtVIWTFTYK	(L)		k:Acetyl,t:	689.3438	1944.074
EFTkTIR	(R)		k:Acetyl	468.7626	894.504
EFTKTIRRPFGVKYNPYTRSIQ	(I)			676.1064	2701.457
EGQLSKEK	(C)			459.7501	918.489
EGQLSkEkCSSAFQnLLPFYSLV	(-)		C:Carbamic	683.3486	2645.328
EGQLsKQkCSSAFQnLLPFYSPVISLR	(I)		C:Carbamic	1074.19	3097.614
EGYLTERTC	(V)		C:Carbamic	564.7452	1128.499
EGYLTERTCVAAARSLTPNFQT	(S)		C:Carbamic	829.0861	2485.214
EGYLTERTCVAAARSLTPNFQT	(S)		C:Carbamic	829.0875	2485.214
EGYLTERTCVAAARSLTPNFQT	(S)		C:Carbamic	829.0861	2485.214
EGYLTERTCVAAARSLTPNFQT	(S)		C:Carbamic	829.0902	2485.214
EGYLTERTCVAAARSLTPNFQT	(S)		C:Carbamic	829.0886	2485.214
EHsLERGRATVIFsLK	(N)	EHsLERGR	s:Phosphor	501.5007	1843.018
EICVSISSDKNLGQMLLHCLYD	(S)		C:Carbamic	865.7502	2595.225
EKHVNLLHIEsR	(K)		s:Phosphor	777.9037	1474.812
EmLLLTCLSQTEVASVWVER	(I)		C:Carbamic	595.8077	2364.194
EnAQRVTDLFK	(F)		n:Deamida	441.2357	1320.691
ENFQRFtDRLK	(F)		t:Phosphor	511.922	1453.755
ENPAIYDsICFIMSSSTNVDLLVKVGEVVDKLFDLDEK	(L)		C:Carbamic	1096.54	4303.14
ENPAVYDSICFImssSTNVDLLVKVGEVVDKLFDLDEK	(L)	ENPAVYDS	C:Carbamic	1489.042	4289.124
ENPAVYDSICFImsSsTNVDLLVKVGEVVDKLFDLDEK	(L)	ENPAVYDS	C:Carbamic	1489.038	4289.124
ENPAVYDSICFImssSTNVDLLVKVGEVVDKLFDLDEK	(L)	ENPAVYDS	C:Carbamic	1489.044	4289.124
ENPAVYESICFIMsSSTNVDLLVKVGEVVDKLFDLDEK	(L)	ENPAVYESI	C:Carbamic	1096.551	4303.14
EPLEKPMRPSnEGTDEPRAPEEDFHLk	(I)		n:Deamida	798.8841	3148.5
EPLEKPMRPSnEGTDEPRAPEEDFHLk	(I)		n:Deamida	798.8834	3148.5
EQLNDIFHLLKSHtNVLSVTPPDNFTMK	(E)	EQLNDIFHL	t:Phosphor	1106.874	3238.657
EQLNDIFHLLKsHTNVLSVTPPDNFTMK	(E)	EQLNDIFHL	s:Phosphor	1106.872	3238.657
EQLNDIFHLLKSHtNVLSVTPPDNFTMK	(E)	EQLNDIFHL	t:Phosphor	1106.874	3238.657
EQLNDIFHLLKSHtNVLSVTPPDNFTMK	(E)	EQLNDIFHL	t:Phosphor	1106.874	3238.657
EQLNDIFHLLKsHTNVLSVTPPDNFTMK	(E)	EQLNDIFHL	s:Phosphor	1106.875	3238.657

EQLNDIFHLLKsHTNVLSVTPPDNFTMK	(E)	EQLNDIFHL	s:Phosphor	1106.869	3238.657
EQLNDIFHLLKSHtNVLSVTPPDNFTMK	(E)	EQLNDIFHL	t:Phosphor	1106.872	3238.657
ESFEDAKEKMREFTKTIRRPFGVKYNPYTRSIQILKDTRSIT	(V)			1017.519	7116.667
ESFFAALHEADQSIAENLAKEFPSLR	(P)			974.1662	2920.448
ESFFAALHEADQSIAENLAKEFPSLR	(P)			974.153	2920.448
ESFFAALHEADQSIAENLAKEFPSLR	(P)			974.1634	2920.448
ESFQEFF	(G)			467.2088	933.399
ESFQEFFGRGHED	(T)			528.8963	1584.671
ESFQEFFGRGHED	(T)			528.9042	1584.671
ESFQEFFGRGHED	(T)			528.9052	1584.671
ESFQEFFGRGHED	(T)			528.9057	1584.671
ESFQEFFGRGHED	(T)			528.8999	1584.671
ESFQEFFGRGHED	(T)			528.9049	1584.671
ESFQEFFGRGHED	(T)			528.9051	1584.671
ETVAQGLKEGQLSKQKCSCVFQNLLPLYGPVVEDFIKILHE	(S)		C:Carbamic	1430.538	7148.741
ETVAQGLKEGQLSKQKCSCVFQNLLPLYGPVVEDFIKILHE	(S)		C:Carbamic	1022.104	7148.741
ETVTKGLkEGQLsk	(Q)		k:Acetyl,s:F	841.4348	1517.853
EVDKALAEDLKESFLSLK	(V)			679.0465	2035.096
EVDKALAEDLKESFLSLK	(V)			679.0391	2035.096
EVDKALAEDLKESFLSLK	(V)			679.0465	2035.096
EVDKALAEDLKESFLSLK	(V)			679.0448	2035.096
EVDKTLAGNLEESFPSLKR	(S)			711.7013	2133.119
EWLTFLK	(E)			468.7635	936.519
EYPAIYDSICFIMSSSTNVDLLmkIGEVVDkLFDLDEK	(L)		C:Carbamic	1125.788	4398.148
FDLTQDYFHLKILKDISCEFLSNIFQALTKETVTKG	(L)		C:Carbamic	1066.541	4263.205
FGDSGHGAEDSR	(A)			617.7593	1234.508
FGDSGHGAEDSR	(A)			617.7584	1234.508
FGDSGHGAEDSR	(A)			617.7591	1234.508
FGDSGHGAEDSR	(A)			617.7579	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.7581	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1777	1234.508
FGDSGHGAEDSR	(A)			617.7619	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.7595	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1765	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.761	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1761	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1766	1234.508
FGDSGHGAEDSR	(A)			617.7621	1234.508
FGDSGHGAEDSR	(A)			617.7586	1234.508
FGDSGHGAEDSR	(A)			617.7601	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.7599	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.7611	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1825	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1813	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.761	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.7592	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		617.761	1234.508

FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1812	1234.508
FGDSGHGAEDSR	(A)			617.7611	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1784	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.1789	1234.508
FGDSGHGAEDSR	(A)	FGDSGHGAEDSR|FGDS		412.18	1234.508
FGDSGHGAEDsRADQAANEWGR	(S)	FGDSGHGA	s:Phosphor	804.9957	2332.993
FGDSGHGEADSR	(A)			617.7592	1234.508
FGDSGHGEADSR	(A)			617.7608	1234.508
FGDSGHGEADSR	(A)			617.7579	1234.508
FGDSGHGEADSR	(A)			412.1755	1234.508
FGDSGHGEADSR	(A)			412.1755	1234.508
FGDSGHGEADSR	(A)			412.176	1234.508
FGDSGHGVEDSK	(A)			412.1796	1234.534
FIGEAVR	(G)			396.2186	791.441
FkNSFQHLQTMLSEADPQLADVIRTQCPV	(-)		C:Carbamic	1139.217	3373.667
FLGEAAR	(G)			382.216	763.41
FLQEFK	(A)			406.2282	811.435
FSFGGSGR	(G)			407.6995	814.384
FSFGGSGR	(G)			407.7005	814.384
FSFGGSGR	(G)			407.697	814.384
FSFGGSGR	(G)			407.6991	814.384
FSFGGSGR	(G)			407.6998	814.384
FSFGGSGR	(G)			407.6996	814.384
FSFGGSGR	(G)			407.6998	814.384
FSFGGSGR	(G)			407.6983	814.384
FSFGGSGR	(G)			407.697	814.384
FSFGGSGR	(G)			407.6958	814.384
FSFGGSGR	(G)			407.6953	814.384
FSFGGSGR	(G)			407.697	814.384
FSFGGSGR	(G)			407.6974	814.384
FSFGGSGR	(G)			407.6972	814.384
FSFGGSGR	(G)			407.6945	814.384
FSFGGSGR	(G)			407.6971	814.384
FSFGGSGR	(G)			407.6978	814.384
FSFGGSGR	(G)			407.6986	814.384
GADKYFHAKGNFDAAQRG	(P)			651.6559	1952.936
GADKYFHARGNYDAAKRGPGGAWAAEVIR	(L)			776.8861	3104.556
GADKYFHARGNYDAAQRGPGGAWAAKVISNARETIQGI	(T)	GADKYFHARGNYDAAQ		804.1945	4017.023
GAEDSR	(A)			317.6436	634.279
GAESPLRAGIVPK	(Y)			432.2569	1294.748
GAESPLRAGIVPK	(Y)			432.2464	1294.748
GAGGRVAAAVISnTWEGIQRAR	(G)		n:Deamida	747.7291	2240.201
GDAIGATIYSkHWLFGVLSsLIQLInPEK	(A)	GDAIGATIY	k:Carbamyl	1098.911	3170.725
GDAIGATIYSkHWLFGVLsSLIQLInPEK	(A)	GDAIGATIY	k:Carbamyl	1098.914	3170.725
GDAIGATIYSkHWLFGVLSsLIQLInPEK	(A)	GDAIGATIY	k:Carbamyl	1098.914	3170.725
GDAIGATIYSkHWLFGVLSsLIQLInPEK	(A)	GDAIGATIY	k:Carbamyl	1098.908	3170.725
GDEsDtPLDLTLCLLEAVKQLR	(S)		C:Carbamic	530.0562	2486.281

GDSGHGAEDSR	(A)			544.2245	1087.44
GDSGHGAEDSR	(A)			544.2271	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2246	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2254	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2277	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2261	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2271	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2284	1087.44
GDSGHGAEDSR	(A)			544.2253	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2256	1087.44
GDSGHGAEDSR	(A)	GDSGHGAEDSR|GDSG		544.2291	1087.44
GGAWAAK	(V)			330.6788	660.346
GGAWAAK	(V)			330.6805	660.346
GGAWAAK	(V)			330.6789	660.346
GGAWAAK	(V)			330.6795	660.346
GGAWAAK	(V)			330.6771	660.346
GLIQIVSPENAK	(S)			634.8693	1268.721
GLKEGQLskQK	(C)		s:Phosphor	669.8346	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8324	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8309	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8325	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8327	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8325	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8308	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8321	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8318	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8487	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8306	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8317	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8325	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8301	1215.706
GLKEGQLsKQk	(C)	GLKEGQLsk	s:Phosphor	669.8302	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8326	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8351	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8306	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8351	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8293	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8346	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8325	1215.706
GLKEGQLskQK	(C)		s:Phosphor	669.8327	1215.706
GLLSFLGEAAR	(G)			567.3217	1133.631
GLLSFLGEAAR	(G)			567.3119	1133.631
GLLSFLGEAAR	(G)			567.3129	1133.631
GLLSFLGEAAR	(G)			567.3209	1133.631
GLLSFLGEAAR	(G)			567.3111	1133.631
GLLSFLGEAAR	(G)			567.3211	1133.631
GLLSFLGEAAR	(G)			567.3194	1133.631

GLLSFLGEAAR	(G)		567.308	1133.631
GLLSFLGEAAR	(G)		567.3227	1133.631
GLLSFLGEAAR	(G)		567.3234	1133.631
GLLSFLGEAAR	(G)		567.321	1133.631
GLLSFLGEAAR	(G)		567.322	1133.631
GLLSFLGEAAR	(G)		567.3155	1133.631
GLLSFLGEAAR	(G)		567.318	1133.631
GLLSFLGEAAR	(G)		567.3111	1133.631
GLLSFLGEAAR	(G)		567.318	1133.631
GLLSFLGEAAR	(G)		567.3224	1133.631
GLLSFLGEAAR	(G)		567.3137	1133.631
GLPDKY	(-)		346.685	692.361
GLPDKY	(-)		346.6844	692.361
GLPDKY	(-)		346.6853	692.361
GLPDKY	(-)		346.686	692.361
GLPDKY	(-)		346.6863	692.361
GLPDKY	(-)		346.6857	692.361
GLPDKY	(-)		346.6851	692.361
GLPDKY	(-)		346.6867	692.361
GLPDKY	(-)		346.6877	692.361
GLPDKY	(-)		346.6875	692.361
GLPDKY	(-)		346.6875	692.361
GLPDKY	(-)		346.6867	692.361
GLPDKY	(-)		346.6846	692.361
GLPDKY	(-)		346.6863	692.361
GLPDKY	(-)		346.6869	692.361
GLPDKY	(-)		346.6881	692.361
GLPDKY	(-)		346.6877	692.361
GLPDKY	(-)	GLPDKY|GLDPKY	346.685	692.361
GNFDAARRGPGGVWAAEVI	(S)		971.9999	1942.988
GNWIILQKPFRGTCQVLR	(N)	C:Carbamic	729.4014	2186.202
GNYDAAQR	(G)		447.7074	894.406
GNYDAAQR	(G)		447.7096	894.406
GNYDAAQR	(G)		447.7077	894.406
GNYDAAQR	(G)		447.7082	894.406
GNYDAAQR	(G)		447.7086	894.406
GNYDAAQR	(G)		447.7084	894.406
GNYDAAQR	(G)		447.7093	894.406
GNYDAAQR	(G)		447.7075	894.406
GnYDAAQR	(G)	n:Deamida	448.2001	894.406
GNYDAAQR	(G)		447.7121	894.406
GnYDAAQR	(G)	n:Deamida	448.2024	894.406
GNYDAAR	(R)		383.679	766.348
GNYDAAR	(R)		383.6781	766.348
GNYDAAR	(R)		383.6775	766.348
GNYDAAR	(R)		383.679	766.348
GNYDAAR	(R)		383.679	766.348

GNYDAAR	(R)			383.6793	766.348
GNYDAAR	(R)			383.6794	766.348
GPGGAWAAEVIRLkCHGmIMAHCNLDLPGLK	(R)	GPGGAWA	C:Carbamic	572.7788	3372.695
GPGGAWAAEVISNAREDLQKFMGHHAE	(D)			576.4849	2878.369
GPGGAWAAEVISNAREDLQKFMGHHAE	(D)			576.4849	2878.369
GPGGAWAAEVISNAREDYQKFMG	(H)			818.7295	2454.151
GPGGAWAAK	(V)			407.7172	814.421
GPGGAWAAK	(V)			407.7167	814.421
GPGGAWAAK	(V)	GPGGAWAAK		407.7174	814.421
GPGGAWAAK	(V)			407.7161	814.421
GPGGAWAAK	(V)			407.7165	814.421
GPGGAWAAK	(V)			407.7165	814.421
GPGGAWAAK	(V)			407.7153	814.421
GPGGAWAAK	(V)			407.7169	814.421
GPGGAWAAK	(V)			407.7131	814.421
GPGGAWAAK	(V)			407.719	814.421
GPGGAWAAK	(V)			407.717	814.421
GPGGAWAAK	(V)			407.7147	814.421
GPGGAWAAK	(V)			407.7178	814.421
GPGGAWAAK	(V)			407.7169	814.421
GPGGAWAAK	(V)			407.7174	814.421
GPGGAWAAK	(V)			407.7196	814.421
GPGGAWAAK	(V)			407.7212	814.421
GPGGAWAAK	(V)			407.7174	814.421
GPGGAWAAK	(V)			407.7212	814.421
GPGGAWAAKVIR	(G)			394.8972	1182.674
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.2667	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.2654	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.2669	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.2686	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.2657	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	500.266	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	749.8948	1455.77
GPGGAWAAkVISDAR	(E)		k:Carbamyl	749.8908	1455.77
GPGGAWAAkVISDAREGFK	(R)		k:Carbamyl	654.014	1916.998
GPGGAWAAKVISDARENIQRFTDPLFKGTTSG	(Q)			670.3355	3347.713
GPGGAWAAKVISDARENVQRFTDRFSF	(G)			746.3734	2982.497
GPGGAWAAKVISDARENVQRFTDRFSF	(G)			746.3832	2982.497
GPGGAWAAKVISDARENVQRFTDRFSF	(G)			746.3838	2982.497
GPGGAWAAKVISDARENVQRFTDRFSF	(G)			746.3781	2982.497
GPGGAWAAKVISNARETIQGITDPLFKCMTRDQVRE	(D)		C:Carbamic	795.4004	3973.017
GPGGAWAAkVISNARETIQGITDPLLK	(G)		k:Carbamyl	468.6013	2763.515
GPGGPWAAKmISGAR	(E)		m:Oxidized	491.2542	1455.753
GPGGPWAAKmISGAR	(E)		m:Oxidized	491.2525	1455.753
GPGGPWAAKmISGAR	(E)		m:Oxidized	491.2501	1455.753
GPGGPWAAKmISGAR	(E)		m:Oxidized	491.2574	1455.753
GPGGPWAAKmISGAR	(E)		m:Oxidized	491.2574	1455.753

GPGGPWAAKmISGAR	(E)		m:Oxidized	491.262	1455.753
GPGGRWAATVISNGR	(E)			500.2644	1498.787
GPGGVWAAEVISDARENIQkLLGHGAEDTLADQAAnEW	(S)		k:Carbamyl	708.5168	4202.065
GPGGVWAAEVISDAREnIQkLLGHGAEDTLADQAANEW	(S)	GPGGVWA	n:Deamida	708.5168	4202.065
GPGGVWAAKVISDVREDLQRL	(M)			378.5465	2266.23
GPWAAK	(M)			315.176	629.341
GSEAEAEAEAAGGDAIGATIySkHWLFGVLGSLIQLInPEk	(D)	GSEAEAEA	y:Phosphor	730.8706	4213.145
GSEAEAEAEAAGGDAIGATIYskHWLFGVLGSLIQLINPEk	(D)	GSEAEAEA	s:Phosphor	730.3663	4213.145
GSEAEAEAEAAGGDAIGATIySkHWLFGVLGSLIQLINPEk	(D)	GSEAEAEA	y:Phosphor	730.3744	4213.145
GSGGIWAAkIIStSRk	(Y)	GSGGIWA	k:Acetyl,t:	898.4575	1631.923
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7172	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7136	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7159	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7105	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7169	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7164	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7164	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7162	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7165	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7135	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7164	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7169	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7167	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7104	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7172	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7187	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7153	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7174	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7113	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7217	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7186	878.419
GTWDmIR	(A)	GTWDmIR|	m:Oxidized	447.7134	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7205	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7167	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7128	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.717	878.419
GTWDMIR	(A)	GTWDMIR|GTWDMLR		439.7217	878.419
HALSGHAKVkPFDPkItCK	(Q)		C:Carbami	575.7836	2134.159
HEATSKGGAEDGQLETLAEITAEFLADLCLDISKDTVADL	(M)		C:Carbami	607.5855	4247.055
HFRPAGLPDKY	(-)			434.2341	1300.68
HFRPAGLPDKY	(-)			650.8461	1300.68
HFRPAGLPDKY	(-)			434.2274	1300.68

HFRPAGLPDKY	(-)		434.2346	1300.68
HFRPAGLPDKY	(-)		434.2342	1300.68
HFRPAGLPDKY	(-)		650.8436	1300.68
HFRPAGLPDKY	(-)		434.2344	1300.68
HFRPAGLPDKY	(-)		434.2344	1300.68
HFRPAGLPDKY	(-)		434.2344	1300.68
HFRPAGLPDKY	(-)		434.2337	1300.68
HFRPHGLPDK	(Y)		301.6657	1203.638
HFRPHGLPDKY	(-)		342.4326	1366.701
HFRPHGLPDKY	(-)		342.4338	1366.701
HFRPHGLPDKY	(-)		683.859	1366.701
HFRPHGLPDKY	(-)		342.4318	1366.701
HFRPHGLPDKY	(-)		683.8553	1366.701
HFRPHGLPDKY	(-)		683.8567	1366.701
HFRPHGLPDKY	(-)		683.8564	1366.701
HFRPHGLPDKY	(-)		456.2414	1366.701
HFRPHGLPDKY	(-)		342.4332	1366.701
HFRPHGLPDKY	(-)		683.8548	1366.701
HFRPHGLPDKY	(-)		342.4329	1366.701
HFRPHGLPDKY	(-)		683.8567	1366.701
HFRPHGLPDKY	(-)		342.4326	1366.701
HFRPHGLPDKY	(-)		342.4338	1366.701
HFRPHGLPDKY	(-)		456.2389	1366.701
HFRPHGLPDKY	(-)		342.4315	1366.701
HFRPHGLPDKY	(-)		683.8552	1366.701
HFRPHGLPDKY	(-)		342.4337	1366.701
HFRPHGLPDKY	(-)		456.2409	1366.701
HFRPHGLPDKY	(-)		342.4332	1366.701
HFRPHGLPDKY	(-)		456.2424	1366.701
HPAIYDSICFIMSSSTNVDLLVKVGEVVDK	(L)	C:Carbamic	834.9197	3336.685
HPAIYDSICFIMSSSTNVDLLVKVGEVVDK	(L)	C:Carbamic	834.9227	3336.685
HPAIYDSICFIMSSSTNVDLLVKVGEVVDK	(L)	C:Carbamic	834.9205	3336.685
HPAIYDSICFIMSSSTNVDLLVKVGEVVDK	(L)	C:Carbamic	834.9169	3336.685
HWLFGVLsRLIQDVALFLQEFNAPDIFmGVLAkSR	(C)	s:Phosphor	1043.306	4031.173
HWVFGVLSGF	(I)		574.793	1148.589
HWVFGVLSGFIQIVSPENTk	(S)	k:Acetyl	575.8011	2258.197
IACFPDTCVTLSQKEDLCAVLLLLLGDADPPTLLETSR	(L)	C:Carbamic	607.3051	4245.149
IACFPDTCVTLSQKEDLCAVLLLLLGDADPPTLLETSR	(L)	C:Carbamic	607.3056	4245.149
IDEGIRVFAASDGPGK	(S)		544.6089	1631.839
IDSLIRVLQNMEQCQKKPENSTESNTGETK	(K)	C:Carbamic	696.3477	3477.695
IEEDLPLI	(D)		471.2689	941.519
IEEDLPLI	(D)		471.2709	941.519
IEEDLPLI	(D)		471.2687	941.519
IEEDLPLI	(D)		471.2547	941.519
IEEDLPLI	(D)		471.2702	941.519
IEEDLPLI	(D)		471.2701	941.519
IEEDLPLI	(D)		471.2624	941.519

IEEDLPLI	(D)			471.2696	941.519
IEEDLPLI	(D)			471.2604	941.519
IEEDLPLI	(D)			471.2687	941.519
IEEDLPLI	(D)			471.2721	941.519
IEEDLPLI	(D)			471.2648	941.519
IEEDLPLI	(D)			471.2698	941.519
IEEDLPLI	(D)			471.2654	941.519
IEEDLPLI	(D)			471.2696	941.519
IEEDLPLI	(D)			471.2718	941.519
IEEDLPLI	(D)			471.2561	941.519
IEEDLPLI	(D)			471.2602	941.519
IEEGKYHL	(P)			494.765	988.51
IEEGKYHLPLID	(S)			713.8702	1426.758
IEEGKYHLPLID	(S)			476.2561	1426.758
IEEGKYHLPLID	(S)			713.8797	1426.758
IEEGKYHLPLID	(S)			713.8797	1426.758
IEEGKYHLPLID	(S)			476.2592	1426.758
IEEGKYHLPLID	(S)			476.2615	1426.758
IEEGKYHLPLID	(S)			713.8702	1426.758
IEEGKYHLPLID	(S)			476.2592	1426.758
IEEGKYHLPLID	(S)			476.2592	1426.758
IEEGKYHLPLID	(S)			476.2592	1426.758
IEEGKYHLPLID	(S)			713.8755	1426.758
IEKDLPLIDSL	(I)			628.3601	1255.714
IEKSLPL	(V)			400.2464	799.492
IEKVDL	(P)			358.7133	716.419
IFCSLVLGVHSQWLSFLGEAYEGAK	(D)		C:Carbamic	937.8031	2811.417
IFQDLTK	(E)			432.7453	864.482
IFQDLTK	(E)			432.7479	864.482
IFQEKHVN	(L)			507.7631	1014.537
IFQEKHVN	(L)			338.8461	1014.537
IFQEKHVN	(L)			338.8447	1014.537
IFQEkHVnLLHIESRK	(S)		k:Carbamyl	679.0417	1991.119
IFQEkHVNLLHIEsRK	(S)		k:Carbamyl	529.2688	1991.119
IGADKYFHARGNYDAAKRGPGGAWAAEVISNAREDLQK	(F)			821.4269	4103.059
IGADKYFPPRGKYDAAR	(R)	IGADKYFPPRGKYDAAR		642.3282	1925.003
IGkGkYnLPLIDsLIR	(V)	IGkGkYnLP	k:Acetyl,n:I	655.6792	1800.074
IGkGkYNLPLIDsLIR	(V)		k:Acetyl,s:F	655.3468	1800.074
IIFCFLILGVNSR	(E)		C:Carbamic	517.958	1551.872
IIFCFLILGVNSR	(E)		C:Carbamic	517.9563	1551.872
IIFCFLILGVNSR	(E)		C:Carbamic	517.9592	1551.872
IIFQRMIFPK	(V)			431.5833	1292.755
IIFQRMIFPK	(V)			431.5834	1292.755
IISTGRkYFQGLMnR	(Y)		k:Carbamyl	609.9789	1783.964
IKILHEVDKALADDLEKSFPGLK	(V)			645.6137	2579.444
ILEAAKQVR	(S)			343.2076	1027.626
ILEAAKQVR	(S)			343.2152	1027.626

ILEAAKQVR	(S)			343.2166	1027.626
ILEAAKQVR	(S)			343.2184	1027.626
ILGVNSREWLTFLKEAGQGAK	(D)			773.0992	2317.266
ILGVSSQGWGTFLKEAGQGAK	(D)			712.0616	2134.129
ILHEVDKALANDLEKSFPS	(L)			532.2791	2126.113
ILHEVDKAV	(A)			512.297	1023.583
ILHEVDKAVAS	(D)			394.5632	1181.652
ILHEVDkTLADDLEESFPSLkVQt	(-)	ILHEVDkTL	k:Carbamyl	724.096	2727.409
ILHEVDkTLADDLEESFPSLkVQt	(-)	ILHEVDkTL	k:Carbamyl	724.0899	2727.409
ILHEVDkTLADDLEESFPSLkVQt	(-)		k:Carbamyl	724.0976	2727.409
ILHEVDkTLADDLEESFPSLkVQt	(-)	ILHEVDkTL	k:Carbamyl	724.0935	2727.409
ILHEVDktLADDLEESFPSLkVQT	(-)		k:Carbamyl	579.4783	2727.409
ILHEVDKTLAGNLE	(E)			517.9582	1551.838
ILHEVDKTLAGNLE	(E)			517.954	1551.838
ILHEVDKTLAGNLE	(E)			517.954	1551.838
ILHEVDKtLAGnLEESFPSLkR	(S)		t:Phosphor	874.1056	2496.346
ILHEVDKTLAGnLEEsFPSLkR	(S)		n:Deamida	874.1036	2496.346
ILHEVDKtLAGnLEESFPSLkR	(S)	ILHEVDKtL	t:Phosphor	874.102	2496.346
ILHEVDKtLAGnLEESFPSLkR	(S)	ILHEVDKtL	t:Phosphor	874.1065	2496.346
ILHEVDKtLAGnLEESFPSLkR	(S)	ILHEVDKtL	t:Phosphor	874.1065	2496.346
ILHEVDKTLAGNLEESFPSLkVQT	(-)		k:Acetyl	904.1571	2668.419
ILHEVDKVLADYLE	(E)			552.9601	1656.884
ILHEVDKVLADYLE	(E)			552.9596	1656.884
ILHEVDKVLADYLE	(E)			552.959	1656.884
ILHEVDKVLADYLE	(E)			552.9603	1656.884
ILHEVDkVLADYLEENFPSLKEK	(H)		k:Carbamyl	555.2904	2729.44
ILHEVDKVLADYLEEnFPSLkEK	(H)		n:Deamida	925.1369	2729.44
ILHEVDKVLADYLEENFPSLKEk	(H)	ILHEVDKVL	k:Carbamyl	555.2842	2729.44
ILHEVDkVLADyLEENFPSLkEK	(H)	ILHEVDkVL	k:Acetyl,y:	724.1028	2729.44
ILHEVDkVLADYLEENFPSLKEK	(H)		k:Carbamyl	555.2862	2729.44
ILHEVDKVLADYLEEnFPSLKEk	(H)	ILHEVDKVL	n:Deamida	925.1382	2729.44
ILHEVDKVLADYLEEnFPSLKEk	(H)	ILHEVDKVL	n:Deamida	925.1383	2729.44
ILHEVDkVLADyLEENFPSLkEK	(H)		k:Acetyl,y:	579.4835	2729.44
ILHEVDkVLADYLEEnFPsLKEVALSACGFK	(G)		C:Carbamic	610.6434	3534.819
ILHEVDnVLADDLQESFPTLkDQS	(-)		n:Deamida	693.3401	2726.352
ILILGVDSQR	(W)			371.894	1113.663
ILIVGTEAVDLNFPIQAIQGGHDMWKAYR	(D)			814.687	3255.698
ILKDILCE	(F)		C:Carbamic	502.2757	1003.549
ILKDILCEFLSNI	(F)		C:Carbamic	526.6153	1577.861
ILkDILCEFLSNIFQALTK	(E)		C:Carbamic	577.813	2266.252
ILKDILCEFLsNIFQALTkETVVQGVK	(E)	ILKDILCEFL	C:Carbamic	808.1815	3106.722
ILKDILCEFLsNIFQALTkETVVQGVK	(E)	ILKDILCEFL	C:Carbamic	808.173	3106.722
ILKDISCEFLsIIFQVLTKEtVAQGLK	(E)		C:Carbamic	814.1851	3093.727
ILkDISCEFLSnIFQALTkETVAQGLK	(E)		C:Carbamic	631.5455	3066.654
ILKDISCEFLSNIFQALTKETVT	(K)		C:Carbamic	890.8017	2670.406
ILKDIsCEFLSNIFQALTKETVTK	(G)	ILKDIsCEFL	C:Carbamic	576.4906	2798.501
ILKDISCEFLSNIFQVLTKETVAQGVKEG	(Q)		C:Carbamic	817.4507	3266.734

ILKDISCEFLSNIFQVLTKETVAQGVKEG	(Q)		C:Carbamic	817.4534	3266.734
ILKDIsCEFLSNIFQVLTKETVAR	(G)		C:Carbamic	581.6935	2824.528
ILkDISCEFLSnILQALTKETVTQGLK	(E)		C:Carbamic	621.9383	3062.681
ILKDISCEFLSNILQALTkETVTQGLK	(E)		C:Carbamic	621.9479	3062.681
ILkDISCEFLSnILQALTKETVTQGLK	(E)		C:Carbamic	621.9304	3062.681
ILkDISCEFLSSIFQTLTK	(E)		C:Carbamic	762.4054	2243.199
ILKDISCEFLSSIFQTLTKETVAQGLKEGQLSKQKCSCVFQN	(K)		C:Carbamic	1193.115	7153.734
ILQEQK	(T)	ILQEQK		379.7222	758.441
ILREVDk	(A)		k:Acetyl	457.7689	872.52
ILREVDKA	(L)			472.2905	943.557
ILREVDKA	(L)			472.2837	943.557
ILREVDKTLAGNLE	(E)			524.29	1570.88
ILRVCQYHR	(E)		C:Carbamic	415.5568	1244.668
ILRVCQYHR	(E)		C:Carbamic	415.5538	1244.668
IQEHPAIYDSICFIMSSSTNVDLLVKVGEVVDK	(L)		C:Carbamic	618.6512	3706.871
IREHPAIYDSMCFIMSSSTNVDLLVKVG	(E)		C:Carbamic	637.3263	3182.568
IREnPAIYDSICFIMSSSTnVDLLVK	(V)		C:Carbamic	996.4893	2985.506
IRENPAVY	(E)			481.2564	961.51
IRENPAVYDSI	(C)			638.8226	1276.653
IRENPAVYDSI	(C)			638.8233	1276.653
IRENPAVYDSI	(C)			638.8256	1276.653
IRENPAVYDSICFI	(M)		C:Carbamic	848.9159	1696.836
IRENPAVYDSICFI	(M)		C:Carbamic	848.9195	1696.836
IRENPAVYDSICFI	(M)		C:Carbamic	848.9076	1696.836
IRENPsVYVSFCFImSSSTsADLLVKVGEVVDK	(L)	IRENPsVYV	C:Carbamic	1284.926	3676.86
IREYPAIYDSICFIMSSSTNVDLLVKVGEVVDKLFDLDEKLM	(Q)		C:Carbamic	876.4383	6129.143
IRQQTSVCPNLCFIMSSSTNTDLLEK	(V)		C:Carbamic	761.3643	3042.469
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9802	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.979	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9803	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9841	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9794	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9818	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.9796	1773.909
ISCEFLSSIFQTLTK	(E)		C:Carbamic	591.979	1773.909
ISDAREAVQKFTGHGAEDSRADQFANEWGR	(S)			670.5321	3348.574
ISDAREKSQRITDLFK	(F)			636.3454	1907.034
ISDAREKSQRITDLFK	(F)			636.3439	1907.034
ISDAREKSQRITDLFK	(F)			636.3473	1907.034
ISDAREKSQRITDLFK	(F)			636.343	1907.034
ISDAREKSQRITDLFK	(F)			636.3463	1907.034
ISDAREKSQRITDLFK	(F)			636.3464	1907.034
ISDAREKSQRITDLFK	(F)			636.3435	1907.034
ISDAREKSQRITDLFK	(F)			636.3435	1907.034
ISDAREKSQRITDLFK	(F)			636.3449	1907.034
ISDAREKSQRITDLFK	(F)			636.3545	1907.034
ISDAREKSQRITDLFK	(F)			636.3408	1907.034

ISDGRENFQRFTDRFSFGGSGR	(G)			634.8181	2536.208
ISDLDHCANRVLMYGSELDA	(D)		C:Carbamic	760.3447	2279.043
ITDLIKYGDS	(G)			562.7987	1124.583
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9899	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9834	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9856	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9858	1933.95
ITDLIKYGDsGHGVEDSK	(A)	ITDLIKYGDs	s:Phosphor	671.9858	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9871	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9823	1933.95
ITDLIKYGDSGHGVEDsK	(A)		s:Phosphor	671.9814	1933.95
ITDLLK	(F)	ITDLLK|ITDLIK		351.7246	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7235	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7256	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7273	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.727	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7256	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7228	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7241	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7241	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7233	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7246	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7232	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.7245	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.727	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.726	702.44
ITDLLK	(F)	ITDLLK|ITDLIK		351.723	702.44
ITDLLR	(F)			365.7257	730.446
ITDLLRFGDS	(G)			568.8053	1136.595
ITDRLK	(F)			373.2352	745.457
ITDRLKFGDS	(G)			576.2958	1151.605
ITGHGAEDSKADQAANEW	(G)			950.4142	1899.847
ITILREVDK	(A)			543.822	1086.652
ITILREVDK	(A)			362.8849	1086.652
ITSEFLADLCIHIPK	(E)		C:Carbamic	586.313	1756.93
IVFCSLVMGVTSESWHSFFK	(E)		C:Carbamic	787.716	2361.141
IVLALLVEANAQSGRFMK	(Q)			654.0518	1960.105
IVPCILEAAKQVRSEnPEGLDVYmHILQLLTTVDDGIEAIV	(D)		C:Carbamic	773.539	5348.721
IVPCILEAAKQVRSENTEGLDVYMHILQLLTTVDDGIQAIV	(Q)		C:Carbamic	761.7388	4565.399
IVPCLLEAAR	(Q)		C:Carbamic	381.2205	1141.64
IVPCLLEAAR	(Q)		C:Carbamic	381.2196	1141.64
IVPCLLEAAR	(Q)		C:Carbamic	381.2125	1141.64
IVPCVLEAAk	(Q)		C:Carbamic	571.3176	1099.618
IVPCVLEAAk	(Q)		C:Carbamic	571.3116	1099.618
IVPCVLEAAKQIRSDNPVGLDVYMHILQLLTTVD	(D)		C:Carbamic	956.0106	3821.034
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0514	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0449	4298.223

IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0601	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0412	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0577	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0651	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	1086.054	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.2465	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0524	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0661	4298.223
IVPCVLEAAKQVRSEnLEGLDVYMHILQLLTTVDDGMk	(A)		C:Carbamic	869.0385	4298.223
IVsCVLEAAK	(Q)		C:Carbamic	585.2952	1089.597
IVSPENTKSR	(S)			377.5469	1130.616
IVSPENTKSR	(S)			565.8075	1130.616
IWDmsMDHDVALFLQEFnAPEILLGVMAk	(S)		m:Oxidized	695.5305	3333.636
IWDMsmDHDVALFLQEFnAPEILLGVMAk	(S)		s:Phosphor	695.5286	3333.636
IWDMsMDHDVALFLQEFnAPEILLGVMAK	(S)		s:Phosphor	1138.867	3333.636
IWDMSMDHDVALFLQEFnAPEILLGVMAksK	(C)		n:Deamida	918.951	3548.763
KAnWIGADK	(Y)		n:Deamida	502.2649	1002.537
KANWIGADKYFHA	(R)			507.5842	1520.764
kAnWIGADkYFHAR	(G)		k:Acetyl,n:	881.4327	1676.866
KDGAEDGQLEtLAEITAEFLADLCLDISKDTVADLmNK	(G)	KDGAEDG	C:Carbamic	607.8673	4153.02
KFDLtQDYFHLK	(I)		t:Phosphor	545.6001	1554.795
KFDLTQDyFHLK	(I)	KFDLTQDy	y:Phosphor	545.6006	1554.795
KFDLTQDyFHLK	(I)	KFDLTQDy	y:Phosphor	545.6024	1554.795
KFDLtQDYFHLK	(I)		t:Phosphor	545.6016	1554.795
KFDLTQDyFHLK	(I)	KFDLTQDy	y:Phosphor	545.6017	1554.795
KFDLTQDyFHLK	(I)	KFDLTQDy	y:Phosphor	545.6024	1554.795
KNLLPLYCSVVKDFLKVLHEADKALVDNLEKDFPSLK	(A)		C:Carbamic	1075.571	4299.346
KNLPLLSKYCGYREDNIPQLEDVSNFLKERTGFSIR	(P)		C:Carbamic	1075.809	4300.218
KNLPLLSKYCGYREDNIPQLEDVSNFLKERTGFSIR	(P)		C:Carbamic	1075.813	4300.218
KNLPLLSKYCGYREDNIPQLEDVSNFLKERTGFSIR	(P)		C:Carbamic	1075.809	4300.218
KNLPLLSKYCGYREDNIPQLEDVSNFLKERTGFSIR	(P)		C:Carbamic	1075.809	4300.218
KNSDKYFHARGNYDAAQRGPGGAWAAKVISDAREGFK	(M)			600.1723	4195.108
KPENSVESNTEETKKSDLTQEDFHLKILKDISCEF	(L)		C:Carbamic	690.6872	4139.012
KVISNARETIQGITDPLFKGMTRDQVREDSK	(A)			589.653	3532.854
LADETPRLFPSLR	(S)			505.6112	1514.833
LADETPRLFPSLR	(S)			505.6073	1514.833
LCQADDPPIIVQEQKTVLASIFSVLSAMYASRVEQEYLKIE	(S)		C:Carbamic	962.9252	4810.505
LDAIGETIYSKHWIFSTLTRLINMVSEHSEENTEGQMQLS	(V)		C:Carbamic	819.104	5727.641
LDLPGLK	(R)			378.237	755.466
LDLPGLK	(R)			378.2367	755.466
LDLPGLK	(R)			378.2375	755.466
LDLPGLK	(R)			378.2388	755.466
LDVYMHILQLLTTVDDGIQAIVQSPDTGK	(D)			637.5451	3183.661
LEESFPSLK	(V)			525.2841	1049.551
LEESFPSLK	(V)			525.2774	1049.551
LEESFPSLK	(V)			525.2805	1049.551
LEESFPSLK	(V)			525.2821	1049.551

LENVEHCQKK	(P)		C:Carbamic	428.8878	1284.637
LENVEHCQKK	(P)		C:Carbamic	428.8859	1284.637
LESLQSTQK	(A)			517.2751	1033.552
LESLQSTQK	(A)			517.2771	1033.552
LFDLDEELmGSWITSSSCEnkEDDDENQLDVIFCLLEAAk	(Q)	LFDLDEELn	C:Carbamic	956.8396	4679.1
LFDLDEELMLnWIKnGTCRSVGPSVDDSPEELPDFK	(I)		C:Carbamic	834.3954	4165.973
LFDLDEELMLnWIKnGTCRSVGPSVDDSPEELPDFK	(I)		C:Carbamic	834.3912	4165.973
LFDLDEkLmLDWIRsGAAAPLDQPQEDSEEQPVFK	(I)		k:Acetyl,m:	1043.006	4030.974
LFDLDEkLmLEWIK	(N)		k:Carbamyl	617.9978	1792.955
LFDLDEKLmLEWVRNGAAQPLDQPQEESEEQPVFR	(L)		m:Oxidized	835.4179	4157.028
LFDLDETLMLD	(W)			662.8192	1324.634
LFDLDETLMLD	(W)			662.8168	1324.634
LFDLDETLMLD	(W)			662.8172	1324.634
LFPGLLFCSLVLGVsGQWYSFVSEAAQGAWDMWRAYSD	(E)	LFPGLLFCSI	C:Carbamic	783.7032	4601.188
LFPSLRSCFK	(S)		C:Carbamic	627.8436	1254.666
LFTGIVFCSLVMGVTSEnWFSFFkEALQGAGDLGRAYWN	(R)	LFTGIVFCSI	C:Carbamic	810.0992	5499.693
LFTGIVFCSLVmGVTSESWRSFFk	(E)		C:Carbamic	953.1398	2798.404
LFTGIVFCSLVmGVTSESWRSFFk	(E)		C:Carbamic	953.1445	2798.404
LFTGIVFCSLVmGVTSESWRSFFk	(E)		C:Carbamic	953.121	2798.404
LFTGIVFCSLVMGVTSESWRSFFkEALQGVGDmGR	(A)		C:Carbamic	794.9896	3911.928
LFTGLIFCSLVLGVHSQWLSFLGEAYEGKTHG	(G)		C:Carbamic	892.4633	3566.814
LFTGLIFCSLVLGVsSQWYSFIGEAAQGAWDMYRAYSDM	(Y)	LFTGLIFCSL	C:Carbamic	827.7328	4881.34
LFTGLILCSLVLGVHSQWWsFFGEAYEGAk	(D)	LFTGLILCSL	C:Carbamic	708.3419	3415.718
LFTGLILCSLVLGVHSQWWSFFGEAyEGAk	(D)	LFTGLILCSL	C:Carbamic	708.5406	3415.718
LFTGLVFCsLVLGVSSEWYSFLGEAAQGAWDMWRAYSD	(Y)	LFTGLVFCsI	C:Carbamic	810.0857	5567.617
LFVAGVVLILIVETnAQWYK	(F)		n:Deamida	570.069	2276.305
LGEAAR	(G)			308.6745	616.341
LGEAAR	(G)			308.6745	616.341
LGEAAR	(G)			308.6746	616.341
LGEAAR	(G)			308.6754	616.341
LGEAAR	(G)			308.6751	616.341
LGEAAR	(G)			308.6745	616.341
LGEAAR	(G)			308.6744	616.341
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2955	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2977	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2971	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2967	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.296	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2908	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.294	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2989	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2908	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2921	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2964	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2989	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.2971	1019.577
LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.3024	1019.577

LGEVVDKLF	(D)	LGEVVDKLF|IGEVVDKL		510.294	1019.577
LGEVVDKLFDLDEKLMLEWIRHGAVQPLDPPQEDSE	(E)			1041.006	4161.085
LGEVVDKLFDLDEKLMLEWIRHGAVQPLDPPQEDSE	(E)			1041.007	4161.085
LGEVVDKLFDLDEKLMLEWIRHGAVQPLDPPQEDSE	(E)			1041.007	4161.085
LGEVVDKLFDLDEKLMLEWIRHGAVQPLDPPQEDSE	(E)			1041.006	4161.085
LGsNSRPQVIHPPRPPK	(V)	LGsNSRPQ	s:Phosphor	490.7721	1880.061
LGsNSRPQVIHPPRPPK	(V)	LGsNSRPQ	s:Phosphor	490.7697	1880.061
LGsNSRPQVIHPPRPPK	(V)	LGsNSRPQ	s:Phosphor	654.0185	1880.061
LGVNSRSWFSFLGEAYDGARDMWRAYSDMKEANYINA	(G)			1217.583	6083.815
LGVSSQGWGTFLREAGQGTKDMWRAYR	(D)			1019.832	3057.511
LHERKSVLVQAFSVLQALYRCQDQWCSR	(S)		C:Carbamic	580.4779	3477.763
LHEVDKTLADDLEKSFPSLK	(A)			762.3973	2285.202
LHEVDKTLADDLEKSFPSLK	(A)			762.4081	2285.202
LHEVDKTLADDLEKSFPSLK	(A)			762.4039	2285.202
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0513	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0547	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0521	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0521	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0525	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0526	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0526	1996.157
LHFALmLLRtEKPWIK	(M)		m:Oxidized	698.0522	1996.157
LIHmVSELSEENPEAQVk	(L)		m:Oxidized	704.3583	2053.027
LIQDVA	(L)			329.6983	658.377
LIQDVA	(L)			329.698	658.377
LIQDVA	(L)			329.6983	658.377
LIQDVA	(L)			329.6978	658.377
LIQDVA	(L)			329.6978	658.377
LIQDVA	(L)			329.6917	658.377
LIQDVA	(L)			329.6978	658.377
LIQIVSPEnTkSSSDDEEQQMELDEEMENEICRVWDMSM	(S)		C:Carbamic	1214.549	7238.28
LIQIVSPENTkSSSDDEEQQMELDEEMENEICRVWDMSM	(S)		C:Carbamic	1457.058	7238.28
LIQIVSPENTkSSSDDEEQQMELDEEMENEICRVWDMSM	(S)		C:Carbamic	1214.389	7238.28
LIQIVSPENTkSSSDDEEQQMELDEEMENEICRVWDMSM	(S)		C:Carbamic	1214.219	7238.28
LISRSR	(V)			366.2367	731.452
LISRSR	(V)			366.2337	731.452
LISRSRV	(Y)			415.7563	830.521
LISRSRVYLQGLIDY	(Y)			599.3298	1796.006
LKVLREADESLADELMGNFPSLK	(V)			859.1119	2575.344
LKVLREADESLADELMGNFPSLK	(V)			859.1113	2575.344
LLADDLEK	(D)			458.7545	916.499
LLADDLEK	(D)			458.7525	916.499
LLADDLEK	(D)			458.7528	916.499
LLADDLEK	(D)			458.7557	916.499
LLADDLEK	(D)			458.755	916.499
LLADDLEK	(D)			458.7538	916.499
LLADDLEkDLPsLk	(A)		k:Carbamyl	868.4359	1569.873

LLADDLEkDLPsLk	(A)		k:Carbamy	868.4424	1569.873
LLADDLEkDLPsLk	(A)		k:Carbamy	868.4374	1569.873
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6194	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6202	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6201	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.617	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6178	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6201	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6201	3082.624
LLASILSVLSAMFASETQQEYVNIGKNR	(A)			514.6189	3082.624
LLEAVK	(Q)			336.7219	672.429
LLFDLVCHEFCQSDDPPIILQEQKTVLASAFSVLSAIYASQT	(L)		C:Carbami	1424.539	7118.538
LLGRGAEDTLA	(D)			558.3166	1115.605
LLGRGAEDTLAD	(Q)			410.8826	1230.632
LLGRGAEDTLAD	(Q)			410.8823	1230.632
LLGRGAEDTLAD	(Q)			410.8845	1230.632
LLGRGAEDTLAD	(Q)			615.8242	1230.632
LLGRGAEDTLAD	(Q)			410.8818	1230.632
LLGRGAEDTLAD	(Q)			615.8249	1230.632
LLGRGAEDTLAD	(Q)			615.8214	1230.632
LLIDSLIRVLQNMEQCQK	(K)		C:Carbami	734.4024	2201.178
LLIDSLIRVLQNMEQCQK	(K)		C:Carbami	734.4062	2201.178
LLIDSLIRVLQNMEQCQK	(K)		C:Carbami	734.4024	2201.178
LLIDSLIRVLQNMEQCQK	(K)		C:Carbami	734.4001	2201.178
LLIGILFCT	(L)		C:Carbami	525.2971	1049.606
LLIGILFCT	(L)		C:Carbami	525.3037	1049.606
LLLAGLALILIVGTEAVDLnFPIQAIQGGHDMWKAYRDLk	(K)	LLLAGLALIL	n:Deamida	1473.796	4376.42
LLLAGLALILIVGTEAVDLnFPIQAIQGGHDMWkAYRDLK	(K)	LLLAGLALIL	n:Deamida	1473.789	4376.42
LLLTCLSHk	(D)		C:Carbami	564.311	1084.618
LLLTCLSHk	(D)		C:Carbami	563.8168	1084.618
LLLTCLSHk	(D)		C:Carbami	563.8168	1084.618
LLLTCLSHk	(D)		C:Carbami	564.311	1084.618
LLLTCLSQAEVAS	(V)		C:Carbami	468.9181	1404.74
LLLtCLSQAEVASVWVERIR	(E)	LLLtCLSQA	C:Carbami	808.4063	2343.285
LLLTCLSQAEVAsVWVERIR	(E)		C:Carbami	808.4295	2343.285
LLLTCLsQAEVASVWVERIR	(E)	LLLTCLsQA	C:Carbami	808.4063	2343.285
LLLTCLsQAEVASVWVERIR	(E)	LLLTCLsQA	C:Carbami	808.4063	2343.285
LLLTCLsQAEVASVWVERIR	(E)	LLLTCLsQA	C:Carbami	808.4223	2343.285
LLLtCLSQAEVASVWVERIR	(E)	LLLtCLSQA	C:Carbami	808.4068	2343.285
LLLTCLsQAEVASVWVERIR	(E)	LLLTCLsQA	C:Carbami	808.4071	2343.285
LLLtCLSQAEVASVWVERIR	(E)		C:Carbami	808.4091	2343.285
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2909	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2927	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2935	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2936	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2921	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbami	578.2931	1075.618

LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2927	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2927	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2909	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2896	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2901	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.296	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2899	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2911	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.299	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2912	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2931	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2918	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2955	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2949	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2888	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2906	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.294	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2928	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2923	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2924	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2908	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.294	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2935	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2901	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2935	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.292	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2933	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2927	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2901	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2901	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2924	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2928	1075.618
LLLTCLSQk	(D)	LLLTCLSQk	C:Carbamic	559.8062	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2949	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2921	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2931	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2924	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2925	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.291	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.293	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2947	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.2947	1075.618
LLLtCLSQK	(D)	LLLtCLSQK|	C:Carbamic	578.296	1075.618
LLLTCLSQKDVCsLWLQR	(I)	LLLTCLSQK	C:Carbamic	579.0426	2233.183
LLLTCLSQKDVCSLWLQRIRQQTSMCSNLCFI	(M)		C:Carbamic	795.1967	3971.979
LLLTCLSQP	(Q)		C:Carbamic	522.8002	1044.576
LLLTCLSQPQVANIWIERIR	(E)		C:Carbamic	808.4478	2423.359

LLLTCLSQPQVANIWIERIR	(E)		C:Carbamic	808.4565	2423.359
LLLTCLSQPQVANIWIERIR	(E)		C:Carbamic	808.464	2423.359
LLLTCLSQPQVAnIWIERIREnPAVYEsICFIMSSSTnVDLLV	(V)	LLLTCLSQP	C:Carbamic	868.0951	5120.662
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.2875	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.29	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.2962	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.2949	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.2865	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.298	2126.143
LLLTCLSQPQVANVWVER	(I)		C:Carbamic	532.2985	2126.143
LLLTCLSQPQVANVWVERIRENPAVYDSICFIMSSSTNVD	(D)		C:Carbamic	795.4235	5561.885
LLLTCLsQTEVANVWVERIREHPAIYDSICFIMSSSTnVDLL	(V)	LLLTCLsQT	C:Carbamic	867.757	5120.626
LLLTCLSQTEVASV	(W)		C:Carbamic	767.4108	1533.819
LLPLYCSVVKDFLK	(V)		C:Carbamic	565.6613	1694.955
LLSFLGEAAR	(G)			538.8106	1076.61
LLSFLGEAAR	(G)			538.8135	1076.61
LLSFLGEAAR	(G)			538.8026	1076.61
LLSFLGEAAR	(G)			538.8126	1076.61
LLSFLGEAAR	(G)			538.8133	1076.61
LLSFLGEAAR	(G)			538.8087	1076.61
LLSFLGEAAR	(G)			538.8124	1076.61
LLSFLGEAAR	(G)			538.8081	1076.61
LLSFLGEAAR	(G)			538.8119	1076.61
LLSFLGEAAR	(G)			538.8138	1076.61
LLSFLGEAAR	(G)			538.8106	1076.61
LLSFLGEAAR	(G)			538.8111	1076.61
LLSFLGEAAR	(G)			538.8141	1076.61
LLSFLGEAAR	(G)			538.8098	1076.61
LLSFLGEAAR	(G)			538.7983	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8022	1076.61
LLSFLGEAAR	(G)			538.8122	1076.61
LLSFLGEAAR	(G)			538.8115	1076.61
LLSFLGEAAR	(G)			538.8123	1076.61
LLSFLGEAAR	(G)			538.8091	1076.61
LLSFLGEAAR	(G)			538.8108	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8106	1076.61
LLSFLGEAAR	(G)			538.8104	1076.61
LLSFLGEAAR	(G)			538.8088	1076.61
LLSFLGEAAR	(G)			538.8145	1076.61
LLSFLGEAAR	(G)			538.8081	1076.61
LLSFLGEAAR	(G)			538.8112	1076.61
LLSFLGEAAR	(G)			538.8128	1076.61
LLSFLGEAAR	(G)			538.8116	1076.61
LLSFLGEAAR	(G)			538.8089	1076.61
LLSFLGEAAR	(G)			538.8117	1076.61

LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8113	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8052	1076.61
LLSFLGEAAR	(G)	538.8091	1076.61
LLSFLGEAAR	(G)	538.8113	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8103	1076.61
LLSFLGEAAR	(G)	538.8099	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8096	1076.61
LLSFLGEAAR	(G)	538.8116	1076.61
LLSFLGEAAR	(G)	538.8114	1076.61
LLSFLGEAAR	(G)	538.8095	1076.61
LLSFLGEAAR	(G)	538.809	1076.61
LLSFLGEAAR	(G)	538.8082	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8082	1076.61
LLSFLGEAAR	(G)	538.8088	1076.61
LLSFLGEAAR	(G)	538.81	1076.61
LLSFLGEAAR	(G)	538.8123	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8089	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8106	1076.61
LLSFLGEAAR	(G)	538.808	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.809	1076.61
LLSFLGEAAR	(G)	538.8092	1076.61
LLSFLGEAAR	(G)	538.8123	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.807	1076.61

LLSFLGEAAR	(G)	538.8102	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8082	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8122	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8092	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8123	1076.61
LLSFLGEAAR	(G)	538.8113	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8116	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8061	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8077	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8089	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8114	1076.61
LLSFLGEAAR	(G)	538.8052	1076.61
LLSFLGEAAR	(G)	538.8122	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8088	1076.61
LLSFLGEAAR	(G)	538.8096	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8082	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.81	1076.61
LLSFLGEAAR	(G)	538.8106	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8139	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.809	1076.61
LLSFLGEAAR	(G)	538.8103	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8052	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.81	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61

LLSFLGEAAR	(G)	538.8092	1076.61
LLSFLGEAAR	(G)	538.8114	1076.61
LLSFLGEAAR	(G)	538.8095	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8094	1076.61
LLSFLGEAAR	(G)	538.8113	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8052	1076.61
LLSFLGEAAR	(G)	538.809	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.809	1076.61
LLSFLGEAAR	(G)	538.8088	1076.61
LLSFLGEAAR	(G)	538.8106	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8082	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8121	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8109	1076.61
LLSFLGEAAR	(G)	538.8141	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8052	1076.61
LLSFLGEAAR	(G)	538.8089	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61
LLSFLGEAAR	(G)	538.8101	1076.61
LLSFLGEAAR	(G)	538.8123	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8109	1076.61
LLSFLGEAAR	(G)	538.808	1076.61
LLSFLGEAAR	(G)	538.8128	1076.61
LLSFLGEAAR	(G)	538.8065	1076.61
LLSFLGEAAR	(G)	538.8069	1076.61
LLSFLGEAAR	(G)	538.8089	1076.61
LLSFLGEAAR	(G)	538.8085	1076.61
LLSFLGEAAR	(G)	538.8112	1076.61
LLSFLGEAAR	(G)	538.8097	1076.61

LLSFLGEAAR	(G)			538.8065	1076.61
LLSFLGEAAR	(G)			538.8112	1076.61
LLSFLGEAAR	(G)			538.8085	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8112	1076.61
LLSFLGEAAR	(G)			538.8112	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8065	1076.61
LLSFLGEAAR	(G)			538.8126	1076.61
LLSFLGEAAR	(G)			538.8096	1076.61
LLSFLGEAAR	(G)			538.8123	1076.61
LLSFLGEAAR	(G)			538.8112	1076.61
LLSFLGEAAR	(G)			538.8022	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8097	1076.61
LLSFLGEAAR	(G)			538.8128	1076.61
LLSFLGEAARG	(T)			567.3111	1133.631
LLSFLGEAARG	(T)			567.316	1133.631
LLSFLGEAARG	(T)			567.3129	1133.631
LLSFLGEAARG	(T)			567.3129	1133.631
LLSFLGEAARG	(T)			567.3222	1133.631
LLSFLGEAARG	(T)			567.308	1133.631
LLSFLGEAARG	(T)			567.3177	1133.631
LLSFLGEAARG	(T)			567.3222	1133.631
LLSFLGEAARG	(T)			567.308	1133.631
LLSFLGEAARG	(T)			567.308	1133.631
LLSFLGEAARGTWDMIR	(A)			646.0105	1936.011
LLSFLGEAARGTWDMIR	(A)			646.0123	1936.011
LLSTCLSHSEVATTWVERV	(Q)		C:Carbamic	730.0308	2188.107
LLTGLVFC	(S)		C:Carbamic	461.7584	922.507
LLTGLVFC	(S)		C:Carbamic	461.7529	922.507
LLTGLVFC	(S)		C:Carbamic	461.7515	922.507
LLTGLVFCSLVLGVNSRSWFS	(F)		C:Carbamic	785.7519	2355.253
LLTGLVFCSLVLGVNSRSWFSFLGEAYDGARD	(M)		C:Carbamic	888.1946	3549.784
LLTGLVFCSLVLGVNSRSWFSFLGEAYDGARD	(M)		C:Carbamic	888.1942	3549.784
LLTGLVFCSLVLGVNSRSWFSFLGEAYDGARD	(M)		C:Carbamic	888.1921	3549.784
LLTGLVFCSLVLGVNSRSWFSFLGEAYDGARD	(M)		C:Carbamic	888.1899	3549.784
LLTGLVFCSLVLGVSsR	(S)	LLTGLVFCS	C:Carbamic	634.3255	1821.03
LLVAVVVLAAVAAG	(T)			633.4221	1265.819
LLVAVVVLAAVAAGTEGAPGFWDTITKPFSFAKEAVQGA	(N)		k:Acetyl	814.687	5654.845
LLVGILLCSLVLGVSSQS	(W)		C:Carbamic	620.0167	1858.072
LLVGILLCSLVLGVSSQS	(W)		C:Carbamic	620.0167	1858.072
LLVGILLCSLVLGVsSQSWWTFLKEAGQGtR	(D)	LLVGILLCSL	C:Carbamic	895.4649	3418.856
LLVVLHERKSILVQAFSVLQALYRCQDQWCSR	(S)		C:Carbamic	653.5262	3916.084
LLWSKTVD	(M)			481.2714	961.535
LMEICVGILGNMACFQEICVSISNDkNIGQTLLHCLYDLDP	(L)		C:Carbamic	965.2963	5663.775
LmEICVGILGNmACFQELCVSISNDKNIGR	(T)		C:Carbamic	695.5275	3441.646

LmLDWIRSGAAAPLDQPQEDSEEQPVFkIVPCVLEAAk	(Q)		C:Carbamic	871.0543	4251.146
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2478	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2662	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2623	4318.214
LmLEWIKnGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.4595	4318.214
LMLEWIKnGAVQPLDPPQEDSEEQPVFKIVPCVLEAAK	(Q)		C:Carbamic	1080.561	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2608	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2576	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.2653	4318.214
LmLEWIKNGAVQPLDPPQEDSEEQPVFKIVPCVLEAAk	(Q)		C:Carbamic	876.25	4318.214
LmLEWIRHGAVQPLDPPQEDSEEQPVFk	(I)		m:Oxidized	837.4256	3288.636
LmLEWIRHGAVQPLDPPQEDSEEQPVFk	(I)		m:Oxidized	837.4213	3288.636
LMLEWIRHGAVQPLDPPQEDsEEQPVFkIVPCVLEAAk	(Q)		C:Carbamic	1134.577	4369.236
LMLEWIRIGAVQALDQPQEDsEQQPVFRIVPCVLEAAK	(Q)		C:Carbamic	743.7187	4377.273
LMLEWIRnAPAQPVDQAQENSEEQPAFR	(I)		n:Deamida	817.9106	3267.585
LPGLKRSSHFSLLNNWDCR	(C)		C:Carbamic	575.7894	2300.172
LPLCSALRRGAESPLR	(A)		C:Carbamic	599.3344	1795.996
LQEQKTVLASVFSVLCAIYASQTEQEYLKIEK	(V)		C:Carbamic	744.1854	3716.945
LQGGSSGRGVEDSMADQEANRWGRSGKDPNRYRPKGL	(-)			756.691	4535.198
LQGGSSGRGVEDSMADQEANRWGRSGKDPNRYRPKGL	(-)			756.7109	4535.198
LQGWGLEVV	(F)			500.7725	1000.546
LQGWGLEVVFLSFK	(N)			811.9393	1622.894
LQGWGLEVVFLSFK	(N)			541.6331	1622.894
LQGWGLEVVFLSFK	(N)			541.6268	1622.894
LQGWGLEVVFLSFK	(N)			541.6295	1622.894
LQGWGLEVVFLSFK	(N)			541.6276	1622.894
LRDVTVFLFTLCPFGRVLSFPGTWDMLRAYNDMREANYI	(G)		C:Carbamic	955.8196	5729.84
LREAGQGAKDMWRAYRDMKEANYKGADKYFHARGNY	(G)			1202.849	4808.307
LREICVGILGnMACFQEICVsISNDKnLGEVLLHCLYDSDPF	(L)	LREICVGIL	C:Carbamic	819.6828	5649.752
LREICVGILGNmACFR	(E)		C:Carbamic	642.3276	1908.96
LREICVGILGNmACFR	(E)		C:Carbamic	642.3259	1908.96
LREICVGILGNMACFR	(E)		C:Carbamic	637.0014	1908.96
LREICVGILGNmACFR	(E)		C:Carbamic	642.3252	1908.96
LREICVGILGNmACFR	(E)		C:Carbamic	642.3244	1908.96
LREICVGILGNMtCFQEICVSISSDKnLGEVLLHCLYDsDPP	(I)	LREICVGIL	C:Carbamic	818.9672	5565.72
LREICVGILGNMtCFQEICVSISSDKnLGEVLLHCLYDSDPP	(I)	LREICVGIL	C:Carbamic	818.9655	5565.72
LREICVGILGnMtCFQEICVSISSDKNLGEVLLHCLYDSDPP	(I)	LREICVGIL	C:Carbamic	818.9668	5565.72
LREICVGILGnmTCFQEICVSISSDKNLGEVLLHCLYDsDPP	(I)	LREICVGIL	C:Carbamic	809.8246	5565.72
LREICVGILGNMtCFQEICVSISSDKnLGEVLLHCLYDsDPP	(I)	LREICVGIL	C:Carbamic	818.9632	5565.72
LREICVGILGnMtCFQEICVSISSDKNLGEVLLHCLYDsDPP	(I)	LREICVGIL	C:Carbamic	818.9686	5565.72
LRTAGGAVGGVPPGAPGALALGCPSSPPQLPARPS	(S)		C:Carbamic	647.552	3233.721
LSACGFKGNWIILQK	(P)		C:Carbamic	578.9827	1734.936
LSEADPNLAEVTR	(T)			472.2519	1414.717
LSEADPNLAEVTR	(T)			472.2475	1414.717
LSFLGEAAR	(G)			482.2741	963.526
LSFLGEAAR	(G)			482.2698	963.526
LSFLGEAAR	(G)			482.2573	963.526

LSFLGEAAR	(G)			482.2573	963.526
LSFLGEAAR	(G)			482.2687	963.526
LSFLGEAAR	(G)			482.2579	963.526
LSFLGEAAR	(G)			482.2579	963.526
LSFLGEAAR	(G)			482.2573	963.526
LSIGIIFCFLILGVnSREWLtFLK	(E)		C:Carbamic	584.9036	2839.594
LSIGIIFCFLILGVnsREWLTFLK	(E)		C:Carbamic	584.9124	2839.594
LSIGIIFCFLILGVNsREWLTFLkEAGQGAK	(D)		C:Carbamic	721.373	3480.908
LSIGIIFCSL	(V)		C:Carbamic	561.8099	1122.623
LSIGIIFCSL	(V)		C:Carbamic	561.8079	1122.623
LSIGIIFCSL	(V)		C:Carbamic	561.8117	1122.623
LSIGIIFCSL	(V)		C:Carbamic	561.8097	1122.623
LSKQKCSCAFQNLLPFYNPVVEDFIKILHEVDKAVASDLEE	(-)		C:Carbamic	826.8635	5781.955
LSQSEVASVWVERIREHPAIYDSMCFIMSSSTNVDLLVKV	(L)		C:Carbamic	1217.591	6084.044
LSQTEVANVWVER	(I)			510.9378	1530.791
LSQTEVASVWVER	(I)			501.9277	1503.78
LStGIIFCFLILGVsSQR	(W)	LStGIIFCFLI	C:Carbamic	724.3606	2011.104
LStGIIFCSLVLGVSSQGWLTFLKAAGQGTkDMWK	(A)	LStGIIFCSL	C:Carbamic	654.6785	3799.991
LTCLSQKDVCSLWLQRIRQQTSLCSNLCFIMSSSTR	(T)		C:Carbamic	626.1774	4377.139
LTCLSQKDVCSLWLQRIRQQTSLCSNLCFIMSSSTR	(T)		C:Carbamic	876.249	4377.139
LTCLSQKDVCSLWLQRIRQQTSLCSNLCFIMSSSTR	(T)		C:Carbamic	626.1774	4377.139
LTCLSQKDVCSLWLQRIRQQTSLCSNLCFIMSSSTR	(T)		C:Carbamic	730.3767	4377.139
LTCLSQKDVCSLWLQRIRQQTSLCSNLCFIMSSSTR	(T)		C:Carbamic	876.2434	4377.139
LTEICVGILGNIA	(C)		C:Carbamic	686.8725	1372.751
LTEICVGILGNIA	(C)		C:Carbamic	686.8725	1372.751
LTEICVGILGNIA	(C)		C:Carbamic	686.8708	1372.751
LTEICVGILGNIA	(C)		C:Carbamic	686.8708	1372.751
LTEICVGILGNIA	(C)		C:Carbamic	686.8703	1372.751
LtEICVGILGnmACFQDICmSISkDESLGQVLLQRLCDSDS	(L)		C:Carbamic	819.397	5573.676
LTEICVGILGnmACFQDICMSISKDESLGQVLLQRLCDsDS	(L)	LTEICVGILG	C:Carbamic	1418.437	5573.676
LTEICVGILGNmACFQDICmSISkDEsLGQVLLQRLCDSDS	(L)	LTEICVGILG	C:Carbamic	819.2539	5573.676
LTKVEDFLK	(I)			546.8168	1092.63
LTKVEDFLK	(I)			546.8162	1092.63
LTKVEDFLK	(I)			546.8162	1092.63
LTKVEDFLK	(I)			546.8205	1092.63
LTKVEDFLK	(I)			546.8119	1092.63
LTKVEDFLK	(I)			546.821	1092.63
LTKVEDFLK	(I)			546.8202	1092.63
LTKVEDFLK	(I)			546.8218	1092.63
LTKVEDFLK	(I)			546.8213	1092.63
LTKVEDFLK	(I)			546.8172	1092.63
LTKVEDFLK	(I)			546.8184	1092.63
LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			809.1879	3233.761
LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			809.1856	3233.761
LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			809.1895	3233.761
LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			647.5512	3233.761
LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			647.5516	3233.761

LVAVVVLAAVAAGTEGAPGFWDTITKPFSFAK	(E)			809.185	3233.761
LVDKLFDLDEELMK	(T)			569.9596	1707.887
LVDNLEK	(D)			415.7351	830.462
LVLGVDSQRWFQFMK	(E)			618.6556	1853.973
LVLGVHSWFSFIGEAFGGAR	(D)			717.3799	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3841	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.385	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3905	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3897	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3777	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3892	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3768	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3841	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3633	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3859	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3854	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3892	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3825	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3837	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3841	2150.118
LVLGVHSWFSFIGEAFGGAR	(D)			717.3854	2150.118
LVLGVSSREWFTFLK	(E)			594.6581	1781.995
LVLGVSSREWFTFLK	(E)			594.6581	1781.995
LVPLHCPDTGKDIWNLLFDLVCHEFC	(Q)		C:Carbamic	800.3711	3198.521
LYCSVVKDFLKVLHEADKALVDNLEKDFPSLK	(A)		C:Carbamic	623.1802	3733.987
LYPTHACREYLkNLPLLsK	(Y)		C:Carbamic	813.4302	2316.253
MDRNPSPPPPGRDKEEEEEVAGGDCIGSTVYSKHWLFG	(V)		C:Carbamic	981.2087	6862.29
MDRNPsPPPPGRDQEEEEVAGGDCIGStVYSK	(H)		C:Carbamic	909.3761	3474.554
MDRNPsPPPPGRDQEEEEVAGGDCIGStVYSK	(H)		C:Carbamic	909.3746	3474.554
MDRNPsPPPPGRDQEEEEVAGGDCIGSTVYsK	(H)	MDRNPsP	C:Carbamic	909.3686	3474.554
MEEGKYHSNLPLIDSLI	(R)			653.6753	1958.989
MEGFFSFVHEAFQGAGDMWRAYTDMKEANWKKSDKY	(N)			697.4759	4876.228
mEkNLPLIGSLIRVLHNMEDCQQR	(S)		C:Carbamic	984.8293	2894.48
mEkNLPLIGSLIRVLHNMEDCQQR	(S)		C:Carbamic	984.8289	2894.48
mENGCTIDLPLIGtLIRVLQnMEHCEkR	(S)		C:Carbamic	870.9092	3340.663
MKLFTGLILCSLVLGVHSQWMSFLGEAYEGAKDMWRA	(Y)		C:Carbamic	1062.035	4245.116
MkLFTGLILCSLVLGVHSQWWSFFGEAYEGAK	(D)	MkLFTGLIL	C:Carbamic	744.3856	3674.854
MkLFTGLILCSLVLGVHSQWWsFFGEAYEGAK	(D)	MkLFTGLIL	C:Carbamic	760.1834	3674.854
MkLLLAGIVLIFMAGsEAQWYnYPVQAAQGAGDMWRA	(K)	MkLLLAGI	k:Acetyl,s:	694.9132	4735.333
MkLLLAGIVLIFMAGsEAQWYnYPVQAAQGAGDMWRA	(K)	MkLLLAGI	k:Acetyl,s:	694.9133	4735.333
MkLLLAGIVLIFMAGsEAQWYNYPVQAAQGAGDMWR	(K)	MkLLLAGI	k:Carbamyl	694.9033	4735.333
MKLLLAVLVMFMVVEAQAQWYRFPGEAAGG	(A)			1109.236	3325.73
mKLLTGLVFCSLVLGVHSWFSFIGEAFGGARDMWR	(A)	mKLLTGLV	C:Carbamic	668.1707	3988.022
MKLLTGLVFCSLVLGVSSRSFFSFLGEAFDG	(A)		C:Carbamic	677.7627	3384.737
MKLLTSLVFCSLLLGVCHGGFFSFIGEAFQGAGDmWRAY	(E)		C:Carbamic	697.6222	4861.347
MKLLVAVVVLAAVAAGtEGAPGFWDTItKPFSFAK	(E)	MKLLVAVV	t:Phosphor	753.9845	3605.98
MKLLVAVVVLAAVAAGtEGAPGFWDTItKPFSFAK	(E)	MKLLVAVV	t:Phosphor	753.9842	3605.98

MKLLVAVVVLAAVAAGTEGAPGFWDtItKPFSFAK	(E)		t:Phosphor	753.9836	3605.98
MKLLVAVVVLAAVAAGtEGAPGFWDTItKPFSFAK	(E)	MKLLVAVV	t:Phosphor	753.9874	3605.98
MKLLVAVVVLAAVAAGtEGAPGFWDTItKPFSFAK	(E)	MKLLVAVV	t:Phosphor	753.9864	3605.98
MKLSTGIIFCSLVLGVsSQGWLTFLkAAGQGTK	(D)	MKLSTGIIF(	C:Carbamic	725.1918	3498.885
mKPFLAIIFCFLILGVDSQRWFQFMkEAGQGsR	(D)		C:Carbamic	812.6041	3921.017
mNLSTGIIFCFLILGVSSQGWGtFLKEAGQGAkDMWK	(A)		C:Carbamic	1410.362	4091.059
MNLSTGIIFCFLILGVSSQGWGTFLRE	(A)		C:Carbamic	1016.207	3046.553
mNLsTGIIFCFLILGVSSQGWGTFLREAGQGAkDMWR	(A)	mNLsTGIIF(	C:Carbamic	1429.002	4147.071
MRSLGVFLNGH	(F)			615.8235	1230.641
MTCRDSPRAPDQLFSSP	(L)		C:Carbamic	655.6438	1964.895
MTCRDSPRAPDQLFSSP	(L)		C:Carbamic	655.6454	1964.895
mWkAyQDMREAnYK	(G)		m:Oxidized	987.392	1833.841
NFPSLKVQ	(T)			466.7548	932.52
NGAVQPLDPPQ	(E)			568.2999	1135.574
NGAVQPLDPPQ	(E)			568.295	1135.574
NGDAQPLDQSAGDAEEPPVFk	(I)		k:Carbamyl	1114.527	2185.004
NKEEEEVAGGDCIGSTVySkHWLFGVLSGLIQIVSPEnTk	(S)	NKEEEEVA(	C:Carbamic	1140.302	4391.186
nKEEEEVAGGDCIGSTVYskHWLFGVLSGLIQIVSPESTk	(S)	nKEEEEVA(	C:Carbamic	755.7086	4364.176
NKGYLTEk	(T)		k:Acetyl	497.7629	952.51
NKGYLTEkTCLAAASCLHHK	(F)		C:Carbamic	1172.582	2302.143
NLGKsLYIRER	(E)		s:Phosphor	714.8718	1348.77
NLGKsLYIRER	(E)		s:Phosphor	714.8721	1348.77
NLGKsLYIRER	(E)		s:Phosphor	714.8704	1348.77
nLLPFYsPVIEDFLKILHEVDkTLADDLEESFPSLK	(V)	nLLPFYsPVI	n:Deamida	1075.546	4175.184
nLLPFYSPVIEDFLKILHEVDkTLADDLEEsFPSLK	(V)	nLLPFYSPV	n:Deamida	1075.543	4175.184
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.0083	1808.998
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.0124	1808.998
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.0104	1808.998
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.0124	1808.998
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.013	1808.998
NLLPLYCSVVkDFLK	(V)	NLLPLYCSV	C:Carbamic	617.9961	1808.998
NLLPLYCSVVKDFLK	(V)		C:Carbamic	905.0128	1808.998
NLLPLYCSVVkDFLK	(V)	NLLPLYCSV	C:Carbamic	617.9941	1808.998
NLLPLYITEVEtFLk	(V)	NLLPLYITE\	t:Phosphor	958.511	1793.009
NLLPLYITEVEtFLk	(V)	NLLPLYITE\	t:Phosphor	958.4879	1793.009
NLPLIGsLIR	(V)		s:Phosphor	588.3335	1095.688
NLPLLSKYCGYREDNIP	(Q)		C:Carbamic	684.6778	2052.022
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7421	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)	nmPLIGsLIF	C:Carbamic	854.7436	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7418	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7429	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7402	2449.288
nmPLIGSLIRILQymEGCGKR	(S)		C:Carbamic	854.7426	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7401	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)	nmPLIGsLIF	C:Carbamic	854.7436	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)		C:Carbamic	854.7437	2449.288
nmPLIGsLIRILQYmEGCGKR	(S)	nmPLIGsLIF	C:Carbamic	854.7318	2449.288

nmPLIGsLIRILQYmEGCGKR	(S)	nmPLIGsLI	C:Carbami	854.7457	2449.288
NPSPPPEEGDGQEAEDADAIGDTVYSkHWLFSTLTR	(L)		k:Carbamyl	795.3803	3929.81
NPSPPSPGRDKEEEEVAGGDCIGSTVYSKHWLFGVLSGL	(I)		C:Carbami	835.2138	4172.003
NPSPPWRGSEAEAEAEAAGGDAIGA	(T)			804.021	2410.091
NQsVYDHICFImSSSTNVELLVkVGEVVDK	(L)		C:Carbami	888.1697	3410.697
NQsVYDHICFImSSSTNVELLVkVGEVVDK	(L)	NQsVYDHI	C:Carbami	888.1825	3410.697
NQSVYDHICFImsSSTNVELLVKVGEVVDK	(L)	NQSVYDHI	C:Carbami	702.1271	3410.697
NVEEQLTELDEEMENEICKVWDMSMDKDVALFLYEFNA	(T)		C:Carbami	818.9475	5726.64
NVEEQLTELDEEMENEICKVWDMSMDKDVALFLYEFNA	(T)		C:Carbami	818.9672	5726.64
PAGLPDK	(Y)			349.2013	697.388
PAGLPDK	(Y)			349.1909	697.388
PAGLPDK	(Y)			349.1925	697.388
PAGLPDK	(Y)			349.1982	697.388
PAGLPDK	(Y)			349.1972	697.388
PAGLPDK	(Y)			349.1981	697.388
PAGLPDK	(Y)			349.1925	697.388
PAGLPDK	(Y)			349.1925	697.388
PAGLPDKY	(-)			430.7301	860.451
PAGLPDKY	(-)			430.7295	860.451
PAGLPDKY	(-)			430.731	860.451
PAGLPDKY	(-)			430.7272	860.451
PAGLPDKY	(-)			430.7304	860.451
PAGLPDKY	(-)			430.7313	860.451
PAGLPDKY	(-)			430.7328	860.451
PAGLPDKY	(-)			430.7307	860.451
PAGLPDKY	(-)			430.7359	860.451
PAGLPDKY	(-)			430.7335	860.451
PAGLPDKY	(-)			430.7329	860.451
PGDTWAAKVISDAREK	(S)			581.9751	1743.902
PGGAWAAK	(V)			379.2047	757.399
PGGAWAAK	(V)			379.2065	757.399
PGGAWAAK	(V)			379.208	757.399
PGGAWAAK	(V)			379.2071	757.399
PGGAWAAK	(V)			379.2071	757.399
PGGAWAAK	(V)			379.2069	757.399
PGGAWAAK	(V)			379.2071	757.399
PHGLPDK	(Y)			255.1418	763.41
PHGLPDK	(Y)			382.208	763.41
PHGLPDK	(Y)			255.1437	763.41
PHGLPDK	(Y)			255.1449	763.41
PHGLPDK	(Y)			382.2101	763.41
PHGLPDK	(Y)			382.2011	763.41
PHGLPDKY	(-)			463.7399	926.473
PHGLPDKY	(-)			463.7399	926.473
PHGLPDKY	(-)			463.7418	926.473
PHGLPDKY	(-)			463.7411	926.473
PHGLPDKY	(-)			463.7424	926.473

PHGLPDKY	(-)			309.4967	926.473
PHGLPDKY	(-)			309.4963	926.473
PHGLPDKY	(-)			463.7415	926.473
PHGLPDKY	(-)			309.4956	926.473
PHGLPDKY	(-)			463.7421	926.473
PHGLPDKY	(-)			463.7415	926.473
PHGLPDKY	(-)			309.4959	926.473
PHGLPDKY	(-)			309.4966	926.473
PHGLPDKY	(-)			463.7431	926.473
PHGLPDKY	(-)			463.7397	926.473
PHGLPDKY	(-)			463.7411	926.473
PHGLPDKY	(-)			309.4958	926.473
PHGLPDKY	(-)			309.4965	926.473
PHGLPDKY	(-)			309.4965	926.473
PHGLPDKY	(-)			463.743	926.473
PHGLPDKY	(-)			309.4968	926.473
PHGLPDKY	(-)			309.4979	926.473
PNHFRPHGLPDKY	(-)			395.2096	1577.797
PNHFRPHGLPDKY	(-)			526.6046	1577.797
PPGAPGALALGCRSSPPQLPARPSSAERGK	(V)		C:Carbamic	597.3098	2982.569
PPGAPGALALGCRSSPPQLPARPSSAERGK	(V)		C:Carbamic	597.3118	2982.569
PQEDSEEQPVFKIVPCVLEAAKQVR	(S)		C:Carbamic	966.162	2896.487
PQEDSEEQPVFKIVPCVLEAAKQVR	(S)		C:Carbamic	966.1644	2896.487
PQEDSEEQPVFKIVPCVLEAAKQVR	(S)		C:Carbamic	966.1676	2896.487
PQEDSEEQPVFKIVPCVLEAAKQVR	(S)		C:Carbamic	966.1562	2896.487
QKCFCAFKNLLPL	(Y)		C:Carbamic	819.9214	1638.85
QKCFCAFKNLLPL	(Y)		C:Carbamic	819.9266	1638.85
qkCSCAFKNLLPLYCSVVK	(D)		C:Carbamic	781.069	2315.171
QkCsCAFkNLLPLYITEVETFLK	(V)		C:Carbamic	989.5051	2802.457
qkCSCAFQnLLPFYnPVVEDFIkILHEVDK	(A)		C:Carbamic	930.9657	3651.834
QKCSCAFQnLLPFySPmVEDFLkILYEVDK	(T)	QKCSCAFQ	C:Carbamic	1274.912	3682.799
qkCSSAFQNLLPFYSPVISLRImFQR	(M)		C:Carbamic	793.6653	3130.633
qkCSSAFQnLLPFYSPVIsLRImFQR	(M)	qkCSSAFQr	C:Carbamic	814.134	3130.633
QKCSSAFQNLLPFYSPVVEDFIK	(I)		C:Carbamic	680.108	2717.364
qKCSsAFQNLLPFYSPVVEDFIkILHEVDK	(A)	qKCSsAFQN	C:Carbamic	1219.618	3551.824
qKCsSAFQNLLPFYSPVVEDFIkILHEVDK	(A)	qKCsSAFQN	C:Carbamic	1219.617	3551.824
QLRSENPEGLDVYmHILQLLTTVDDGIQAIVQCPDTGK	(D)		C:Carbamic	1071.537	4267.137
QLRSESPNGVEIYLHILQLLTTIEE	(G)			965.8467	2895.546
QQTSMCSNLCFIMSSSTKTDLLEKVGELVDKLFDLDEELM	(S)		C:Carbamic	963.0831	4811.296
QVRSEnLEGLDVYMHILQLLTTVDDGmKAIVQCPNTGK	(D)		C:Carbamic	1076.561	4286.162
QVRSEnLEGLDVYmHILQLLTTVDDGMKAIVQCPNTGK	(D)	QVRSEnLE	C:Carbamic	1076.546	4286.162
QVRSEnLEGLDVYmHILQLLTTVDDGMKAIVQCPNTGK	(D)	QVRSEnLE	C:Carbamic	1076.561	4286.162
QVRSEnLEGLDVYMHILQLLTTVDDGmKAIVQCPNTGK	(D)		C:Carbamic	1076.546	4286.162
REANYIGADKYFHARGNYDAAKR	(G)			672.3321	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3332	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3308	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3336	2686.323

REANYIGADKYFHARGNYDAAKR	(G)			672.3325	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3347	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.332	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3326	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3329	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.334	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.331	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3331	2686.323
REANYIGADKYFHARGNYDAAKR	(G)			672.3342	2686.323
REANYIGADKYFHARGNYDAAKR	(G)	REANYIGADKYFHARGN		672.336	2686.323
RGNYDAAKRGPGGAWAAKVISDAR	(E)			829.7742	2487.296
RGPGGAWAAK	(V)			324.1795	970.522
RGPGGAWAAK	(V)			324.1799	970.522
RGPGGAWAAK	(V)			324.1785	970.522
RGPGGAWAAK	(V)			324.1774	970.522
RGPGGAWAAK	(V)			324.179	970.522
RGPGGAWAAK	(V)			485.7665	970.522
RGPGGAWAAK	(V)			485.7622	970.522
RGPGGAWAAK	(V)			324.1815	970.522
RGPGGAWAAK	(V)			485.7651	970.522
RGPGGAWAAK	(V)			324.1805	970.522
RGPGGAWAAK	(V)			485.7673	970.522
RGPGGAWAAK	(V)			485.7669	970.522
RGPGGAWAAK	(V)			324.1786	970.522
RGPGGAWAAK	(V)			485.7677	970.522
RGPGGAWAAK	(V)			324.1819	970.522
RGPGGAWAAK	(V)			324.1792	970.522
RGPGGAWAAK	(V)			485.7689	970.522
RGPGGAWAAK	(V)			485.7659	970.522
RGPGGAWAAK	(V)			485.7662	970.522
RGPGGAWAAK	(V)			485.7647	970.522
RGPGGAWAAK	(V)			324.1734	970.522
RGPGGAWAAK	(V)			485.7552	970.522
RGPGGAWAAK	(V)			485.7694	970.522
RGPGGAWAAK	(V)			485.769	970.522
RNsEFEIFVDCDInR	(E)	RNsEFEIFVI	C:Carbamic	665.616	1913.881
RVLQNMEQCQKKPENSTESNTGETKK	(T)		C:Carbamic	1022.179	3064.479
RYFYAQGNYDAAERGPGGVWA	(A)			1174.569	2348.084
RYFYAQGNYDAAERGPGGVWA	(A)			1174.554	2348.084
SAFSVLSSIYASQAEQEDVRVGK	(E)			824.4176	2471.241
SDARENSQRVTDFFRHGNSGHGAEDSKADQEANEWGR	(Y)			992.7872	5951.724
SDLTQDDFHLKILKDISCEFLSNIFQVLTKETVAQGVK	(E)		C:Carbamic	730.8763	4380.28
SDMREANYIGADK	(Y)			490.5681	1469.669
SDSIVPLIGNVLRVCQYHRECKHEATSKGGAEDGQLETLA	(V)		C:Carbamic	925.6082	6473.17
SENLEGLDVYmHILQLLTTVDDGMk	(A)		m:Oxidized	724.098	2834.395
SENLEGLDVYmHILQLLTTVDDGMk	(A)		m:Oxidized	724.1004	2834.395
SENPEWLDVYMHILQLLTTVDDGIQAIVDLPLIDsLIRVLQ	(K)		C:Carbamic	955.9819	5606.858

SEnPEWLDVYMHILQLLTTVDDGIQAIVDLPLIDsLIRVLQ	(K)		C:Carbamic	956.1261	5606.858
sEnPEWLDVYMHILQLLTTVDDGIQAIVDLPLIDSLIRVLQI	(K)	sEnPEWLD	C:Carbamic	955.9734	5606.858
sEnPEWLDVYMHILQLLTTVDDGIQAIVDLPLIDSLIRVLQI	(K)	sEnPEWLD	C:Carbamic	955.9733	5606.858
SEVtEDDFHLTVLkDVSCELLSnVFQDLTK	(E)	SEVtEDDF	C:Carbamic	721.9481	3481.704
SFLGEAAR	(G)			425.7314	850.442
SFLGEAAR	(G)			425.726	850.442
SFLGEAAR	(G)			425.7248	850.442
SFLGEAAR	(G)			425.7237	850.442
SFLGEAAR	(G)			425.726	850.442
SFLGEAAR	(G)			425.7314	850.442
SFLGEAAR	(G)			425.7287	850.442
SFLGEAAR	(G)			425.7257	850.442
SFLGEAAR	(G)			425.7299	850.442
SFPSLKVQ	(T)			453.2512	905.509
SGFIQIVSPENTK	(S)			473.9167	1419.748
SGKDPNHFR	(P)			353.1787	1057.517
SGKDPNHFR	(P)			265.136	1057.517
SGKDPNHFR	(P)			353.1792	1057.517
SGKDPNHFR	(P)			265.1361	1057.517
SGKDPNHFR	(P)			265.137	1057.517
SGKDPNHFR	(P)			265.1368	1057.517
SGKDPNHFR	(P)			353.1777	1057.517
SGKDPNHFR	(P)			529.2725	1057.517
SGKDPNHFR	(P)			529.2632	1057.517
SGKDPNHFR	(P)			353.1791	1057.517
SGKDPNHFR	(P)			529.2656	1057.517
SGKDPNHFR	(P)			265.138	1057.517
SGKDPNHFRPAGLPDK	(Y)			579.3049	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.3028	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.3012	1735.887
SGKDPnHFRPAGLPDK	(Y)		n:Deamida	434.9762	1735.887
SGKDPNHFRPAGLPDK	(Y)			434.7296	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.2938	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.3012	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.2938	1735.887
SGKDPNHFRPAGLPDK	(Y)			579.3007	1735.887
SGKDPNHFRPAGLPDK	(Y)			434.7321	1735.887
SGKDPnHFRPAGLPDK	(Y)		n:Deamida	434.9814	1735.887
SGKDPNHFRPAGLPDK	(Y)			868.4482	1735.887
SGKDPnHFRPAGLPDK	(Y)		n:Deamida	434.981	1735.887
SGKDPNHFRPAGLPDK	(Y)			434.7285	1735.887
SGKDPNHFRPAGLPDK	(Y)			347.9864	1735.887
SGKDPNHFRPAGLPDK	(Y)			347.9836	1735.887
SGKDPNHFRPAGLPDK	(Y)			868.4488	1735.887
SGKDPnHFRPAGLPDK	(Y)		n:Deamida	434.9817	1735.887
SGKDPNHFRPAGLPDK	(Y)			434.7278	1735.887
SGKDPnHFRPAGLPDK	(Y)		n:Deamida	434.9762	1735.887

SGKDPNHFRPAGLPDKY	(-)		633.6591	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4959	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4949	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6582	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	475.745	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5988	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5991	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	633.9862	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9853	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6576	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6582	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6582	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4962	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4966	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6591	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5986	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	475.7429	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	950.4774	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6574	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4968	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9809	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9853	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9851	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9851	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5981	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	633.9867	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9841	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4959	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9842	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9797	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9809	1898.951
SGKDPNHFRPAGLPDKY	(-)		949.9809	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5991	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4953	1898.951
SGKDPNHFRPAGLPDKY	(-)		380.5986	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	950.4758	1898.951
SGKDPNHFRPAGLPDKY	(-)		633.6592	1898.951
SGKDPNHFRPAGLPDKY	(-)		475.4937	1898.951
SGKDPnHFRPAGLPDKY	(-)	n:Deamida	950.4666	1898.951
SGKDPNHFRPH	(G)		431.2157	1291.629
SGKDPNHFRPH	(G)		431.216	1291.629
SGKDPNHFRPH	(G)		431.2158	1291.629
SGKDPNHFRPH	(G)		431.2151	1291.629
SGKDPNHFRPH	(G)		431.2146	1291.629
SGKDPNHFRPH	(G)		431.2144	1291.629
SGKDPNHFRPH	(G)		431.2144	1291.629
SGKDPNHFRPH	(G)		431.2167	1291.629

SGKDPNHFRPH	(G)		431.2146	1291.629
SGKDPNHFRPH	(G)		431.2163	1291.629
SGKDPNHFRPH	(G)		431.2212	1291.629
SGKDPNHFRPH	(G)		323.6645	1291.629
SGKDPNHFRPH	(G)		323.6645	1291.629
SGKDPNHFRPH	(G)		431.2201	1291.629
SGKDPNHFRPHG	(L)		337.919	1348.65
SGKDPNHFRPHGLPDK	(Y)		451.2369	1801.909
SGKDPNHFRPHGLPDK	(Y)		451.2363	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3146	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3146	1801.909
SGKDPNHFRPHGLPDK	(Y)		451.236	1801.909
SGKDPNHFRPHGLPDK	(Y)		361.1905	1801.909
SGKDPNHFRPHGLPDK	(Y)		451.236	1801.909
SGKDPNHFRPHGLPDK	(Y)		451.2345	1801.909
SGKDPnHFRPHGLPDK	(Y)	n:Deamida	451.4822	1801.909
SGKDPnHFRPHGLPDK	(Y)	n:Deamida	451.4866	1801.909
SGKDPNHFRPHGLPDK	(Y)		901.4645	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3194	1801.909
SGKDPNHFRPHGLPDK	(Y)		361.1921	1801.909
SGKDPNHFRPHGLPDK	(Y)		361.1865	1801.909
SGKDPNHFRPHGLPDK	(Y)		451.236	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3108	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3194	1801.909
SGKDPNHFRPHGLPDK	(Y)		601.3194	1801.909
SGKDPnHFRPHGLPDK	(Y)	n:Deamida	451.4808	1801.909
SGKDPnHFRPHGLPDK	(Y)	n:Deamida	361.3861	1801.909
SGKDPNHFRPHGLPDKY	(-)		655.6642	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9943	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6659	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6665	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9921	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6667	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6643	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8017	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6644	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6645	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9959	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2477	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.665	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9884	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6642	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9993	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6665	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9926	1964.973
SGKDPNHFRPHGLPDKY	(-)		491.9999	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0017	1964.973

SGKDPNHFRPHGLPDKY	(-)		492.0007	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6642	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0008	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8036	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9965	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	983.4878	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2534	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0026	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.996	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8022	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9921	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8053	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0018	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.991	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6643	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9959	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0006	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2478	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	983.4829	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8023	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2483	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8005	1964.973
SGKDPNHFRPHGLPDKY	(-)		491.9999	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.991	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8029	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0008	1964.973
SGKDPNHFRPHGLPDKY	(-)		491.9999	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2485	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2527	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6642	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.99	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9884	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8012	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2496	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2483	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8022	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6645	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6665	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0006	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0006	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0017	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0007	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6643	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.993	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8053	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.665	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9911	1964.973

SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9921	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6659	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.991	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9944	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8012	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9959	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.801	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8042	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6656	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6637	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6645	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9951	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6665	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8022	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6659	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	394.0015	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	983.4882	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.996	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	492.2483	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9936	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6644	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0021	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0021	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8053	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9959	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	393.9995	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0017	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9907	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9911	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6642	1964.973
SGKDPNHFRPHGLPDKY	(-)		492.0026	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.99	1964.973
SGKDPNHFRPHGLPDKY	(-)		491.9999	1964.973
SGKDPNHFRPHGLPDKY	(-)		393.8033	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	983.489	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6645	1964.973
SGKDPNHFRPHGLPDKY	(-)		655.6645	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9892	1964.973
SGKDPnHFRPHGLPDKY	(-)	n:Deamida	655.9943	1964.973
SGKDPNHFRPHGLPDKY	(-)		982.9924	1964.973
SGkDPnHVRPDGLPEK	(Y)	k:Carbamyl	448.2298	1745.893
SGKDPnYYRPPGLPAkY	(-)	n:Deamida	656.0041	1922.976
SGkDPnYYRPPGLPDK	(Y)	k:Carbamyl	924.4663	1803.902
SGRDPNHFR	(P)		362.5161	1085.524
SGRDPNHFR	(P)		362.5132	1085.524
SGRDPNHFR	(P)		362.5164	1085.524
SGRDPNHFRPH	(G)		330.6647	1319.635

SGRDPNHFRPH	(G)		330.667	1319.635
SGRDPNHFRPH	(G)		330.6671	1319.635
SGRDPNHFRPH	(G)		330.6655	1319.635
SGRDPNHFRPH	(G)		330.667	1319.635
SGRDPNHFRPH	(G)		330.6661	1319.635
SGRDPNHFRPH	(G)		330.667	1319.635
SGRDPNHFRPH	(G)		330.667	1319.635
SGRDPNHFRPH	(G)		440.5528	1319.635
SGRDPNHFRPH	(G)		330.6658	1319.635
SGRDPNHFRPHGLPDK	(Y)		458.2383	1829.915
SGRDPNHFRPHGLPDK	(Y)		458.241	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7904	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7912	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7897	1829.915
SGRDPNHFRPHGLPDK	(Y)		610.6452	1829.915
SGRDPNHFRPHGLPDK	(Y)		458.241	1829.915
SGRDPNHFRPHGLPDK	(Y)		610.6455	1829.915
SGRDPNHFRPHGLPDK	(Y)		610.6473	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7888	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7904	1829.915
SGRDPNHFRPHGLPDK	(Y)		366.7905	1829.915
SGRDPnHFRPHGLPDK	(Y)	n:Deamida	366.9922	1829.915
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	499.2503	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.004	1992.979
SGRDPNHFRPHGLPDKY	(-)		664.9988	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.0028	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	499.2542	1992.979
SGRDPNHFRPHGLPDKY	(-)		665.0001	1992.979
SGRDPNHFRPHGLPDKY	(-)		665.0002	1992.979
SGRDPNHFRPHGLPDKY	(-)		664.9989	1992.979
SGRDPNHFRPHGLPDKY	(-)		665.0002	1992.979
SGRDPNHFRPHGLPDKY	(-)		399.4038	1992.979
SGRDPNHFRPHGLPDKY	(-)		399.4042	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	399.6014	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.0027	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	665.3246	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.0023	1992.979
SGRDPNHFRPHGLPDKY	(-)		665.0026	1992.979
SGRDPNHFRPHGLPDKY	(-)		664.9994	1992.979
SGRDPNHFRPHGLPDKY	(-)		664.9994	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.0032	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	499.2503	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	499.2555	1992.979
SGRDPNHFRPHGLPDKY	(-)		664.9989	1992.979
SGRDPNHFRPHGLPDKY	(-)		499.0026	1992.979
SGRDPnHFRPHGLPDKY	(-)	n:Deamida	665.3246	1992.979
SGRDPNHFRPHGLPDKY	(-)		665.0006	1992.979

SGRDPNHFRPHGLPDKY	(-)			665.0009	1992.979
SGRDPnHFRPHGLPDKY	(-)		n:Deamida	665.3263	1992.979
SGRDPnHFRPHGLPDKY	(-)		n:Deamida	499.2547	1992.979
SILVQALAVLQALYkCHDEWCSkSDTSLPLIGSILR	(V)		C:Carbamic	835.0453	4085.156
SkCPRLTEICVGILGnMACFQETCLSIsK	(N)	SkCPRLTEI	C:Carbamic	700.1284	3372.624
SLFLGVSGDGWYSFFR	(E)			613.2981	1837.891
SLFLGVSGDGWYSFFR	(E)			613.2981	1837.891
SLGVFLNGHFQ	(N)			609.8223	1218.627
SLPLVGSLIQ	(V)			513.8041	1026.619
SLPLVGSLIQ	(V)			513.8041	1026.619
SLPLVGSLIQ	(V)			513.8038	1026.619
SLYIRERE	(M)			533.2863	1065.569
SNFIGADKY	(F)			507.7527	1014.489
SNFIGADKY	(F)			507.7515	1014.489
SNIFQALTKETVTKGLK	(E)			626.6931	1878.07
SNIFQALTKETVTKGLK	(E)			626.6936	1878.07
SNIFQALTKETVTKGLK	(E)			626.6936	1878.07
SNIFQALTKETVTKGLK	(E)			626.6936	1878.07
SNIFQALTKETVTKGLK	(E)			626.6931	1878.07
SNSDDEEQQTELDEEMENEICRVWDMSMDEDVALFLQ	(L)		C:Carbamic	1425.836	5700.39
SPPPPSR	(D)			369.2014	737.394
SPVVEDFIKILREVDKVLADDLEKSFPSLK	(V)			1143.952	3429.888
SQRITDLFK	(F)			554.3049	1107.616
SQRVTDLFKYGDSGHGVEDSKADQAANEWGRSGKDP	(N)			977.7262	3907.823
SSQCFGSCPVYSKLPnKYEWLDVYMHILQLLTTVDDGIQA	(D)		C:Carbamic	819.1061	5683.737
SSQCFGSCPVYSkLPNKYEWLDVYMHILQLLTTVDDGIQA	(D)	SSQCFGSC	C:Carbamic	818.9715	5683.737
SSQCFGSCPVYSkLPNKYEWLDVYMHILQLLTTVDDGIQA	(D)	SSQCFGSC	C:Carbamic	818.9668	5683.737
SSQCFGSCPVYSkLPnKYEWLDVYMHILQLLTTVDDGIQA	(D)	SSQCFGSC	C:Carbamic	819.1027	5683.737
SSQCFGSCPVYSKLPNKYEWLDVYMHILQLLTTVDDGIQA	(D)	SSQCFGSC	C:Carbamic	818.9612	5683.737
SSQCFGSCPVYSkLPNkYEWLDVYmHILQLLTTVDDGIQA	(D)		C:Carbamic	827.4109	5683.737
SSSYGIQGAMSSGRNGVTER	(F)			682.0003	2043.951
SSSYGIQGAMSSGRNGVTER	(F)			681.9986	2043.951
STLVQAFAVLQALYRCQDQWkSk	(A)		C:Carbamic	707.3616	2740.424
SVGPSVDDSPEELPDFKIVPCILEAAKQVRSDNP	(E)		C:Carbamic	618.9844	3708.843
SWITSPSCENKEEEDESQLDITFCLLEAAK	(Q)		C:Carbamic	883.149	3529.599
TDLTQDDFHLKILK	(D)			843.9517	1686.906
TFLREAGQGTK	(D)			604.318	1207.643
TFQDVYFVSESFEDAKEKMREFTKTIRRPFGVKYNPYTR	(S)			962.8831	4810.409
TFQDVYFVSESFEDAKEKMREFTKTIRRPFGVKYNPYTR	(S)			962.8872	4810.409
TFQDVYFVSESFEDAKEKMREFTKTIRRPFGVKYNPYTR	(S)			962.8847	4810.409
TGFsIRPVAGYLSPR	(D)	TGFsIRPVA	s:Phosphor	567.6175	1620.886
TKGLKEGQLSK	(Q)			396.9024	1188.695
TLADDLEKSF	(P)			569.7936	1138.563
TLADDLEKSFPSLK	(A)			521.9374	1563.826
TLAGNLEESFPSLK	(N)			502.6009	1505.785
TLAGNLEEsFPSLKR	(S)		s:Phosphor	581.294	1661.886
TLAGNLEESFPSLkRSFR	(E)		k:Acetyl	524.2698	2052.087

TLLASILSVLSAmFASETQQEYVnIGk	(N)		m:Oxidized	744.14	2913.528
TLLASILSVLSAmFASETQQEYVNIGkNRALVGSLTHILQHI	(E)		C:Carbamic	881.618	5226.729
TMKLFTGLVFCSLVLGVSSQWYSFLGEAAQ	(G)		C:Carbamic	835.6623	3339.679
TMKLFTGLVFCSLVLGVSSQWYSFLGEAAQ	(G)		C:Carbamic	668.7326	3339.679
TMKLFTGLVFCSLVLGVSSQWYSFLGEAAQ	(G)		C:Carbamic	835.6623	3339.679
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8071	1158.619
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8015	1158.619
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8073	1158.619
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8073	1158.619
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8071	1158.619
TVIWTFtYK	(L)	TVIWTFtYK	t:Phosphor	619.8071	1158.619
TVIWTFTYKLLWS	(K)			829.4566	1657.899
TVLASAFSVLSAIYASQtEQEYLKIEKGsHNLAQACHK	(L)	TVLASAFSV	C:Carbamic	1089.04	4193.134
TVLASIFSVLSAIYASQ	(A)			590.6523	1769.968
TVLASVFSVLSAIYASQAEQEYLKIEKGKYHFDLPLI	(D)			835.0603	4171.237
TVLASVFSVLSAIYASQAEQEYLKIEKGKYHFDLPLI	(D)			696.0529	4171.237
TVLAsVFSVLSAIYASQAEQEYLKIEKVDLPLIDSLIR	(V)	TVLAsVFSV	s:Phosphor	861.26	4222.326
TVLAsVFSVLSAIYAsQTEQEYLKIGK	(V)	TVLAsVFSV	s:Phosphor	621.9181	2945.587
TVLASVYSVLSAIYVS	(R)			836.4618	1671.92
TVLASVYSVLSAIYVS	(R)			836.4603	1671.92
TVLASVYSVLSSIYASQAEQEYLKIEEGKYHLPLIDSLIRVLQ	(K)		C:Carbamic	828.5878	5793.987
TVLASVYSVLSSIYASQAEQEYLKIEEGKYHLPLIDSLIRVLQ	(K)		C:Carbamic	828.5878	5793.987
TVPWFPK	(K)			437.7372	874.482
TWDMIR	(A)	TWDMIR|TWDMLR		411.2084	821.397
TWDMIR	(A)	TWDMIR|TWDMLR		411.2036	821.397
TWDMIR	(A)	TWDMIR|TWDMLR		411.2031	821.397
TWDMIR	(A)	TWDMIR|TWDMLR		411.2042	821.397
TWGTVFRELNK	(L)			450.9036	1350.716
TWGTVFRELNK	(L)			450.9042	1350.716
TWGTVFRELNK	(L)			450.9033	1350.716
VDKVLADYLEENFPSLK	(E)			660.6757	1980.032
VDLPLIDSLIRVLQnmEQCQKKPEnSAESnTGETk	(K)		C:Carbamic	810.2007	3985.001
VDLPLIDSLIRVLQNMEQCQkKPEnSAESnTGETK	(K)	VDLPLIDSLI	C:Carbamic	1008.243	3985.001
VEQEYLK	(I)			454.7386	908.472
VEQEYLK	(I)			454.7387	908.472
VEQEyLkIEK	(S)	VEQEyLkIE	y:Phosphor	700.8482	1278.694
VGDLVDKLFDLDEELMkTWItDKPQDk	(R)	VGDLVDKL	k:Acetyl,t:P	1119.19	3191.618
VGDLVDKLFDLDEELMKTWITDKPQDKRGDESDTPL	(D)			833.2014	4162.054
VGDVVDK	(L)			366.1962	731.393
VGGLIK	(A)			293.6995	586.392
VGILGNMTCFQEICVSISSDKNLGEVLLHCLYDSDPPTLLE	(I)		C:Carbamic	1224.366	4894.377
VISDAR	(E)			330.6875	660.367
VISDAR	(E)			330.6877	660.367
VISDAR	(E)			330.6872	660.367
VISDAR	(E)			330.6871	660.367
VISDAR	(E)			330.6877	660.367
VISDAR	(E)			330.6885	660.367

VISDAR	(E)			330.6877	660.367
VISDAR	(E)			330.6872	660.367
VISDAR	(E)			330.6876	660.367
VISDAR	(E)			330.6906	660.367
VISDAREAVQ	(K)	VISDAREAVQ|VISDARE		544.2878	1087.574
VISDAREAVQKFTG	(H)			507.6119	1520.807
VISDAREDLQ	(R)			573.2915	1145.58
VISDAREKSQRITDLFKFG	(D)			1105.597	2210.193
VISDARENFQRFTDRFSF	(G)			745.6951	2235.094
VISDAREnIQRFTDPLFK	(G)		n:Deamida	717.3859	2149.14
VISDAREnIQRFTDPLFK	(G)		n:Deamida	717.3799	2149.14
VISDAREnIQRFTDPLFK	(G)		n:Deamida	717.3831	2149.14
VISDAREnIQRFTDPLFK	(G)		n:Deamida	717.3857	2149.14
VISDARER	(S)			473.2669	945.511
VISDGR	(E)			323.6787	646.352
VISDGR	(E)			323.6793	646.352
VISDGR	(E)			323.6795	646.352
VISDGR	(E)			323.6791	646.352
VISDGR	(E)			323.6787	646.352
VISDGR	(E)			323.6805	646.352
VISDGR	(E)			323.6778	646.352
VISDGR	(E)			323.6802	646.352
VIsNAREDIQQFLGHGAEDSLADQAAnEWGRSGk	(D)		s:Phosphor	1265.242	3669.764
VISNARENSQR	(V)			637.3275	1273.661
VISNARENSQR	(V)			637.3406	1273.661
VISNARETIQ	(G)			565.8156	1130.616
VISNARETIQGItDPLFKCmTR	(D)	VISNARETI	C:Carbamic	530.0562	2550.317
VkPFDPkITCkQECLITTFQDVYFVSESFEDAk	(E)		C:Carbamic	1035.243	3969.929
VLADDLEKSFPSLK	(V)			521.2925	1561.847
VLADDLEKSFPSLK	(V)			781.4408	1561.847
VLADYLEEnFPsLkEkHVnLLHIESR	(K)		n:Deamida	815.6626	3093.637
VLADYLEENFPSLKEVALSACGFk	(G)		C:Carbamic	686.5859	2700.359
VLEDSKSNEKAEEWGRSGKDPDRFRPDGLPK	(K)			1181.606	3542.762
VLKDVSCELLSNIFQDLtKEIVLQALK	(E)		C:Carbamic	533.6179	3116.728
VLQNIEH	(C)	VLQNIEH		426.7351	852.457
VLQNIEH	(C)			426.7337	852.457
VLQNIEH	(C)			426.7258	852.457
VLQNIEH	(C)			426.7367	852.457
VLQNIEH	(C)			426.7326	852.457
VLQNIEH	(C)			426.7342	852.457
VLQNIEH	(C)			426.7333	852.457
VLQNIEH	(C)			426.7305	852.457
VLQNIEH	(C)			426.7257	852.457
VLQNIEH	(C)			426.738	852.457
VLQNIEH	(C)			426.7286	852.457
VLQNIEHCQKKPENSVESNTEETKKSDLTQEDFHLKILKDI	(L)		C:Carbamic	1430.333	7147.588
VLQNMEHCQkkPENSADSNAEETK	(K)		C:Carbamic	719.0865	2787.267

VLQNMEHCQkkPENSADSNAEETK	(K)		C:Carbamic	719.0802	2787.267
VLQNMEHCQkKPENSADSNAEETk	(K)	VLQNMEH	C:Carbamic	719.0777	2787.267
VLQNmEQCQKKPENSAESNTEETKK	(T)		C:Carbamic	989.4798	2950.388
VLQnmEQCQKKPENSVESnTDETKK	(T)		C:Carbamic	994.7977	2964.404
VLQnmEQCQKKPENSVESnTDETKK	(T)		C:Carbamic	994.7978	2964.404
VLREVDETLADDLE	(E)			808.8893	1616.801
VLSFPGTWDmLRAYNDMREAnYIGADk	(Y)	VLSFPGTW	m:Oxidized	533.0774	3133.487
VQAAQGAGDMWRAYQDMKK	(S)			718.675	2154.022
VTDLFKFGDSGHGEADSRAD	(Q)			708.6697	2123.963
VTDLFKHGDSGH	(G)			656.8162	1312.628
VTDLFKHGDSGH	(G)			656.815	1312.628
VTDWLK	(H)			381.218	761.419
VWDMAMDKDVAGLLQAFK	(A)			680.0074	2038.014
VWDmsmDEDVALFLQEFKAPDIFmGVLAK	(S)		m:Oxidized	695.5305	3345.624
VWDmsmDEDVALFLQEFKAPDIFmGVLAK	(S)		m:Oxidized	869.1591	3345.624
VWDmsmDEDVALFLQEFNAPDIFmGILAK	(S)	VWDmsm	m:Oxidized	695.5275	3345.588
WAAAVISNGR	(E)			522.7846	1044.559
WAAGVISDAREMVQGSSGRGHEDSA	(A)			858.4113	2573.18
WLTFLKEAGQGTRDMWRAYSDMREANYKNSDKYFHA	(K)			1217.79	6084.858
WTNPRKSLK	(S)			565.3288	1129.648
WVQFMKEAGQGSRDMWRAYSDMKKANWKNSDKYF	(R)			733.6892	4397.059
YCGYREDNIPQLEDVSnFLkER	(T)		C:Carbamic	698.0797	2745.294
YDAAQRGPGGAWVAKLISDAREDIQQFLGHGAEDSLAD	(D)			1043.325	5212.522
YDAARRG	(P)	YDAARRG		404.7039	808.406
YDAARRG	(P)	YDAARRG		404.7035	808.406
YDAARRG	(P)	YDAARRG		404.7028	808.406
YDAARRG	(P)			404.7025	808.406
YDAARRG	(P)			404.7021	808.406
YDAARRG	(P)			404.7029	808.406
YDAARRG	(P)			404.7056	808.406
YDAARRG	(P)			404.7026	808.406
YDAARRG	(P)			404.7021	808.406
YDAARRGPGGAWAAKVISDGRENFQRFTDRFSFGGSGR	(G)			833.4145	4163.046
YEFNAPDIFMGVLAR	(T)			581.6233	1742.857
YFADLAMSYKYGDPIPKVEFTEEEIKTWGTVFRELNKLYPT	(S)		C:Carbamic	1625.064	6497.303
YFHARG	(N)			375.6926	750.368
YFHARG	(N)			375.6902	750.368
YFHARGNFDAARR	(G)			527.5887	1580.783
YFHARGNFDAARR	(G)			527.5893	1580.783
YFHARGNFDAARR	(G)			790.8825	1580.783
YFHARGNFDAARR	(G)			790.8796	1580.783
YFHARGNFDAARRGPGGLWAAEVISDLREMVQKYSDSG	(W)			818.9668	5726.685
YFHARGNYDAAQRGPGGAWAAKVISDAREKSQRITDLF	(G)			900.4701	4498.292
YFHARGNYDAARR	(G)			798.9053	1596.778
YFHARGNYDAASRGAGGR	(V)			963.4618	1925.911
YFHARGNYDAASRGAGGR	(V)			963.462	1925.911
YFHARGNYDAASRGAGGR	(V)			963.4426	1925.911

YFHARGNYDAASRGAGGR	(V)		963.4506	1925.911
YFHARGNYDAASRGAGGR	(V)		963.463	1925.911
YFHARGnYDAASRGAGGR	(V)	n:Deamida	963.9628	1925.911
YFHARGnYDAASRGAGGR	(V)	n:Deamida	963.9646	1925.911
YFHARGnYDAASRGAGGR	(V)	n:Deamida	963.9628	1925.911
YFHARGNYDAASRGAGGR	(V)		963.4563	1925.911
YFHARGNYDAASRGAGGR	(V)		963.4536	1925.911
YFHARGNYDAASRGAGGR	(V)		963.4607	1925.911
YFHARGnYDAASRGAGGR	(V)	n:Deamida	963.959	1925.911
YFHARGnYDAASRGAGGR	(V)	n:Deamida	963.9561	1925.911
YFHARGNYDAASRGAGGR	(V)		963.4663	1925.911
YFHARGNYDAASRGAGGR	(V)		963.4658	1925.911
YFHARGnYDAATkGTGR	(R)	n:Deamida	964.4628	1884.91
yFQGLMNRYYFGIRDHGLESLQSTQk	(A)	y:Phosphor	819.3892	3151.542
yFQGLMNRYYFGIRDHGLESLQSTQk	(A)	y:Phosphor	819.3998	3151.542
YHLPLIDSLIRVLQNMEHCQKkPEnSVDSNTEETK	(K)	C:Carbamic	1404.01	4166.065
YIGADK	(Y)		333.678	666.346
YIGADK	(Y)		333.6777	666.346
YIGADK	(Y)		333.6774	666.346
YIGADK	(Y)		333.6769	666.346
YKNSDKYFHARGNYDAAQRGPGGVWAAEVISDARENIQ	(L)		1096.285	4382.145
YLTRETCLAAANSLLPSYkPSFQHLLAALSETDPkLADVMT	(-)	C:Carbamic	1042.544	5124.57
YLTRETCLAAANSLLPSYkPSFQHLLAALSETDPkLADVMT	(-)	C:Carbamic	1042.531	5124.57
YLTRETCLAAANSLLPSYkPSFQHLLAALSETDPkLADVMT	(-)	C:Carbamic	1042.534	5124.57
YSDMKEANYIGADKYFHARGNYDAAQRGPGGAWAAK	(V)		790.7733	3949.846
YSDMKEANYIGADKYFHARGNYDAAQRGPGGAWAAK	(V)		790.7809	3949.846
YSDSGFDAEDsAADQkANHWGR	(S)	s:Phosphor	850.3484	2427.023

species	accession_	accession_	entry_name
9TELE|NO	A0A1A8S3	A0A1A8S3	Serum amyloid A-like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
RAT	Q5M878	Q5M878	Serum amyloid A protein
RAT	Q5M878	Q5M878	Serum amyloid A protein
RAT	Q5M878	Q5M878	Serum amyloid A protein
NOTKU	A0A1A8KK	A0A1A8KK	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1

PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
9TELE|NO	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F7	Serum amyloid A protein

9TELE	A0A0S7LG	A0A0S7LG	Serum amyloid A protein (Fragment)
9TELE	A0A0S7LG	A0A0S7LG	Serum amyloid A protein (Fragment)
MACMU	F7CLU1	F7CLU1	Serum amyloid A protein
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
PIG|SHEEP	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1

HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
PANTR|PA	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
CEREL	B6D986	B6D986	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
MUSPF|BC	M3YQK5	M3YQK5|E	Serum amyloid A like 1
MUSPF|BC	M3YQK5	M3YQK5|E	Serum amyloid A like 1
MUSPF|BC	M3YQK5	M3YQK5|E	Serum amyloid A like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
NOTKU	A0A1A8KK	A0A1A8KK	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
HUMAN|B	A0A0D5ZZ	A0A0D5ZZ	Serum amyloid A protein
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein

VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein

RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|Q5	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|Q5	Serum amyloid A protein
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
9TELE|NOT	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
9TELE|NOT	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
PIG|SHEEP	A0A5G2QN	A0A5G2QN	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein

HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
FELCA	Q5XXU5	Q5XXU5	Serum amyloid A protein (Fragment)
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
SHEEP	P42819	P42819	Serum amyloid A protein
SHEEP	P42819	P42819	Serum amyloid A protein
MOUSE|D	Q3UWC2	Q3UWC2|	Serum amyloid A protein
MOUSE	Q3UWC2	Q3UWC2	Serum amyloid A protein
MOUSE	Q3UWC2	Q3UWC2	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F7	Serum amyloid A protein
FELCA	Q5XXW0	Q5XXW0|	Serum amyloid A protein (Fragment)

RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
RABIT|MA	P22000	P22000|P5	Serum amyloid A-2 protein
VULVU	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
BOVIN	B8Y7I4	B8Y7I4|Q8	Serum amyloid A protein (Fragment)
NOTKU|9T	A0A1A8KF	A0A1A8KF	Serum amyloid A-like 1
NOTKU|9T	A0A1A8KF	A0A1A8KF	Serum amyloid A-like 1
ORENI	I3JND6	I3JND6|I3J	Serum amyloid A-like 1
PANTR	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
HUMAN	J3KND1	J3KND1	Protein SAAL1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PROCO|OT	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
MACFA	A0A2K5U4	A0A2K5U4	Serum amyloid A like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
HORSE	F6ZL17	F6ZL17|A0	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
BOVIN|BO	E1BD67	E1BD67|E1	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1

RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|A	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|P	Serum amyloid A protein
RABIT	A0A5F9DK	A0A5F9DK	Serum amyloid A like 1
RABIT	A0A5F9DK	A0A5F9DK	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
RABIT	P35543	P35543	Serum amyloid A-3 protein
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein

HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
CANLF	A0A5F4D1	A0A5F4D1	Serum amyloid A protein
RABIT	P22000	P22000	Serum amyloid A-2 protein
ORENI	I3JND5	I3JND5	Serum amyloid A-like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
ARAVE	A0A4Y2H1	A0A4Y2H1	Serum amyloid A protein
NOMLE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
RUPRU|CA	E1UYU4	E1UYU4|B	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1

HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
OTOGA|RA	H0X4B8	H0X4B8|A	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
MYOLU|C	G1PAL8	G1PAL8|J9	Serum amyloid A like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein

HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|PLEAT	A0A480KN	A0A480KN	Serum amyloid A protein
9TELE|NO	A0A1A8PR	A0A1A8PR	Serum amyloid A protein
RABIT	G1SHI3	G1SHI3	Serum amyloid A like 1
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein

SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
PANTR|NO	A0A2I3TSR	A0A2I3TSR	Serum amyloid A protein
NOMLE	G1S7R0	G1S7R0	Serum amyloid A protein
NOMLE	G1S7R0	G1S7R0	Serum amyloid A protein
NOMLE	G1S7R2	G1S7R2	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
MESAU	A0A3Q0DA	A0A3Q0DA	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|NEOVI	A0A480KN	A0A480KN	Serum amyloid A protein
MESAU	P20727	P20727|P2	Serum amyloid A-2 protein
BUBBU|BO	A0A076JSH	A0A076JSH	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
BOVIN	Q32PB7	Q32PB7	Serum amyloid A protein
RUPRU|CA	E1UYU4	E1UYU4|B	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein

PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
ONCMY	A6PZ09	A6PZ09	Serum amyloid A protein
MACMU	F6V9P6	F6V9P6	Serum amyloid A protein
MACMU	F6V9P6	F6V9P6	Serum amyloid A protein
RABIT	P22000	P22000	Serum amyloid A-2 protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
MOUSE	P31532	P31532	Serum amyloid A-4 protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
NOTKU|9T	A0A1A8KF	A0A1A8KF	Serum amyloid A-like 1
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein

RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
CANLF	J9P554	J9P554|A0	Serum amyloid A like 1
CANLF	J9P554	J9P554	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
ORENI	I3JND6	I3JND6|I3J	Serum amyloid A-like 1
MACNE	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1

MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
MUSPF|CA	M3YQK5	M3YQK5|A	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
FELCA|CAN	M3VUA7	M3VUA7|J	Serum amyloid A like 1
PANTR|HU	H2R5J4	H2R5J4|J3	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
PIG|SAIBB|	A0A5G2QN	A0A5G2QN	Serum amyloid A like 1
PIG	A0A480KN	A0A480KN	Serum amyloid A protein
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
NOMLE	G1S7R0	G1S7R0	Serum amyloid A protein
PANTA|FEL	T1W3H8	T1W3H8|C	Serum amyloid A protein
BOBOX	A0A4W2BS	A0A4W2BS	Serum amyloid A like 1
BOBOX	A0A4W2BS	A0A4W2BS	Serum amyloid A like 1
RABIT	P35543	P35543	Serum amyloid A-3 protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
RAT	Q5M878	Q5M878	Serum amyloid A protein
CEBCA|AO	A0A2K5QF	A0A2K5QF	Serum amyloid A like 1
RHIRO|PR	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1

SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
RABIT	P35543	P35543	Serum amyloid A-3 protein
BUBBU|BO	D2U6Q0	D2U6Q0|V	Serum amyloid A protein (Fragment)
MANLE|CE	A0A2K5XIC	A0A2K5XIC	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	G1SHI3	G1SHI3	Serum amyloid A like 1
ICTTR	I3M295	I3M295	Serum amyloid A like 1
MOUSE	P04918	P04918	Serum amyloid A-3 protein
9TELE|NO	A0A1A8BD	A0A1A8BD	Serum amyloid A protein
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
RHIBE|PAP	A0A2K6KS	A0A2K6KS	Serum amyloid A like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
PROCO|IC	A0A2K6ET	A0A2K6ET	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1

FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
CANLF	J9P554	J9P554|A0	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
URSMA|UI	A0A452VG	A0A452VG	Serum amyloid A like 1
PANTR|PAI	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
PANPA|NC	A0A2R9BFI	A0A2R9BFI	Serum amyloid A like 1
PANTR|PAI	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
CAPHI|BO\	A0A452EM	A0A452EM	Serum amyloid A like 1
9TELE|NOT	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
9TELE|NOT	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
MYOLU|HU	G1PAL8	G1PAL8|J3	Serum amyloid A like 1
PIG	A0A5G2QN	A0A5G2QN	Serum amyloid A like 1
BOVIN|BOI	E1BD67	E1BD67|E1	Serum amyloid A like 1
SARHA|MC	G3WV59	G3WV59|F	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
CANLF	J9P554	J9P554|A0	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A(	Serum amyloid A-like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
RABIT	A0A5F9DS(	A0A5F9DS(	Serum amyloid A like 1
MOUSE	P04918	P04918	Serum amyloid A-3 protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein
CANLF	A0A5F4D1(	A0A5F4D1(	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|NE	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
CANLF	P19708	P19708	Serum amyloid A protein
CANLF	P19708	P19708	Serum amyloid A protein
CANLF	A0A096P6	A0A096P6	Serum amyloid A protein
CANLF	A0A096P6	A0A096P6	Serum amyloid A protein
CANLF	A0A5F4BZ	A0A5F4BZ	Serum amyloid A protein
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
PANTR	H2Q392	H2Q392	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
PROCO	A0A2K6ET	A0A2K6ET	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1

MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
NOTKU	A0A1A8KK	A0A1A8KK	Serum amyloid A protein
NOTKU	A0A1A8KK	A0A1A8KK	Serum amyloid A protein
NOTKU	A0A1A8KK	A0A1A8KK	Serum amyloid A protein
9TELE	A0A1A8G3	A0A1A8G3	Serum amyloid A-like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
MESAU	P20727	P20727|P2	Serum amyloid A-2 protein
CAPHI|BO	A0A452EM	A0A452EM	Serum amyloid A like 1
BOVIN	B8Y7I4	B8Y7I4|A0	Serum amyloid A protein (Fragment)
TAKRU	H2U9W6	H2U9W6	Serum amyloid A-like 1
TAKRU	H2U9W6	H2U9W6	Serum amyloid A-like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
NOMLE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
PANTR|NO	A0A2I3TSR	A0A2I3TSR	Serum amyloid A protein
NOMLE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
PIG|OTOG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1

CAVPO	H0V714	H0V714	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
RAT	Q5M878	Q5M878	Serum amyloid A protein
RAT	Q5M878	Q5M878	Serum amyloid A protein
9TELE	A0A1A8MS	A0A1A8MS	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
MUSPF|BC	M3YQK5	M3YQK5|E	Serum amyloid A like 1
PANTR|PA	A0A2I3TTU	A0A2I3TTU	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
CANLF	A0A5F4D1	A0A5F4D1	Serum amyloid A protein
TAKRU	H2U9W6	H2U9W6	Serum amyloid A-like 1
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
HUMAN	P35542	P35542	Serum amyloid A-4 protein
HUMAN	P35542	P35542	Serum amyloid A-4 protein
HUMAN	P35542	P35542	Serum amyloid A-4 protein
HUMAN	P35542	P35542	Serum amyloid A-4 protein
PIG	F1S9C0	F1S9C0	Serum amyloid A protein
NEOVI	P18575	P18575	Serum amyloid A-1 protein
BUBBU	A0A076JSH	A0A076JSH	Serum amyloid A protein
BUBBU	A0A076JSH	A0A076JSH	Serum amyloid A protein
FELCA	Q1T770	Q1T770|Q	Serum amyloid A protein
LATCA	D8V161	D8V161	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1

URSMA|FE	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA	A0A452VG	A0A452VG	Serum amyloid A like 1
PANTR|PA	A0A2I3TTU	A0A2I3TTU	Serum amyloid A like 1
PANTR|PA	A0A2I3TTU	A0A2I3TTU	Serum amyloid A like 1
PANTR|PA	A0A2I3TTU	A0A2I3TTU	Serum amyloid A like 1
MACMU	F7CLU1	F7CLU1	Serum amyloid A protein
RUPRU	E1UYU4	E1UYU4	Serum amyloid A protein
9TELE	A0A1A8S3	A0A1A8S3	Serum amyloid A-like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A287A4	A0A287A4	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PANTR|HU	H2Q392	H2Q392|P	Serum amyloid A protein
PANTR|HU	H2Q392	H2Q392|P	Serum amyloid A protein
HUMAN	P35542	P35542	Serum amyloid A-4 protein
PANTR	H2Q392	H2Q392	Serum amyloid A protein
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1

<table>
<tr><th></th><th></th><th></th><th></th></tr>
<tr><td>MONDO</td><td>F7FFU5</td><td>F7FFU5</td><td>Serum amyloid A like 1</td></tr>
<tr><td>MONDO</td><td>F7FFU5</td><td>F7FFU5</td><td>Serum amyloid A like 1</td></tr>
<tr><td>LATCH</td><td>H3AUK4</td><td>H3AUK4</td><td>Serum amyloid A like 1</td></tr>
<tr><td>LATCH</td><td>H3AUK4</td><td>H3AUK4</td><td>Serum amyloid A like 1</td></tr>
<tr><td>LATCH</td><td>H3AUK4</td><td>H3AUK4</td><td>Serum amyloid A like 1</td></tr>
<tr><td>LATCH</td><td>H3AUK4</td><td>H3AUK4</td><td>Serum amyloid A like 1</td></tr>
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<tr><td>LATCH</td><td>H3AUK4</td><td>H3AUK4</td><td>Serum amyloid A like 1</td></tr>
<tr><td>ORYLA</td><td>H2LN91</td><td>H2LN91|A</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>RHIBE</td><td>A0A2K6KS</td><td>A0A2K6KS</td><td>Serum amyloid A like 1</td></tr>
<tr><td>MACMU</td><td>F7CLU1</td><td>F7CLU1</td><td>Serum amyloid A protein</td></tr>
<tr><td>MACMU</td><td>F7CLU1</td><td>F7CLU1</td><td>Serum amyloid A protein</td></tr>
<tr><td>MACMU</td><td>F7CLU1</td><td>F7CLU1</td><td>Serum amyloid A protein</td></tr>
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<tr><td>MACMU</td><td>F7CLU1</td><td>F7CLU1</td><td>Serum amyloid A protein</td></tr>
<tr><td>MACMU</td><td>F7CLU1</td><td>F7CLU1</td><td>Serum amyloid A protein</td></tr>
<tr><td>PANPA</td><td>A0A2R9BF</td><td>A0A2R9BF</td><td>Serum amyloid A like 1</td></tr>
<tr><td>PANPA</td><td>A0A2R9BF</td><td>A0A2R9BF</td><td>Serum amyloid A like 1</td></tr>
<tr><td>PANPA</td><td>A0A2R9BF</td><td>A0A2R9BF</td><td>Serum amyloid A like 1</td></tr>
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<tr><td>BOVIN</td><td>Q32L76</td><td>Q32L76</td><td>Serum amyloid A-4 protein</td></tr>
<tr><td>BOVIN</td><td>Q32L76</td><td>Q32L76</td><td>Serum amyloid A-4 protein</td></tr>
<tr><td>9TELE|NO</td><td>A0A1A8BD</td><td>A0A1A8BD</td><td>Serum amyloid A protein</td></tr>
<tr><td>9TELE|NO</td><td>A0A1A8BD</td><td>A0A1A8BD</td><td>Serum amyloid A protein</td></tr>
<tr><td>ORYLA</td><td>H2LN91</td><td>H2LN91|A</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>ORYLA</td><td>H2LN91</td><td>H2LN91|A</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>ORYLA</td><td>H2LN91</td><td>H2LN91|A</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>ORYLA</td><td>H2LN91</td><td>H2LN91|A</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
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<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
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<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
<tr><td>SAIBB|RHI</td><td>A0A2K6RY</td><td>A0A2K6RY</td><td>Serum amyloid A like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
<tr><td>TAKRU|9T</td><td>H2U9W6</td><td>H2U9W6|</td><td>Serum amyloid A-like 1</td></tr>
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TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
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TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|9TE	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
SARHA|OR	G3WV59	G3WV59|F	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1

SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
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MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
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HORSE	P19857	P19857	Serum amyloid A protein
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
PANTR|PA	A0A2I3TSR	A0A2I3TSR	Serum amyloid A protein
NOMLE|M	G1S7R0	G1S7R0|G	Serum amyloid A protein
NOMLE|M	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
MACMU	F7CLU1	F7CLU1|F6	Serum amyloid A protein
MACMU	F7CLU1	F7CLU1|F6	Serum amyloid A protein
MACMU	F7CLU1	F7CLU1|F6	Serum amyloid A protein
MACMU	F7CLU1	F7CLU1|F6	Serum amyloid A protein
MACMU	F7CLU1	F7CLU1|F6	Serum amyloid A protein
PANTR|PA	A0A2I3TSR	A0A2I3TSR	Serum amyloid A protein
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
VULVU	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1

CAVPO	H0V714	H0V714	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
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MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
PANTR|NO	A0A2I3TSR	A0A2I3TSR	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
CEBCA	A0A2K5QF	A0A2K5QF	Serum amyloid A like 1
MACEU	P53613	P53613	Serum amyloid A protein
MACEU	P53613	P53613	Serum amyloid A protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
MOUSE	A0A1B0GT	A0A1B0GT	Serum amyloid A-3 protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
CAPHI	Q0PG40	Q0PG40	Serum amyloid A protein
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
NOMLE	G1S7Q7	G1S7Q7	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
PROCO	A0A2K6ETL	A0A2K6ETL	Serum amyloid A like 1
MACMU	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
RABIT	G1SHI3	G1SHI3	Serum amyloid A like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein

HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
RABIT	P35543	P35543	Serum amyloid A-3 protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
CAVPO	H0V714	H0V714	Serum amyloid A like 1
PIG	A0A5G2QN	A0A5G2QN	Serum amyloid A like 1
OTOGA	H0X4B8	H0X4B8	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
PIG	Q2HXZ9	Q2HXZ9	Serum amyloid A protein
HUMAN	A0A0D5ZZZ	A0A0D5ZZZ	Serum amyloid A protein
9TELE	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
9TELE	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
9TELE	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
9TELE	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
9TELE	A0A1A8S3Z	A0A1A8S3Z	Serum amyloid A-like 1
TAKRU|OR	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|OR	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|OR	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|OR	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
TAKRU|OR	H2U9W6	H2U9W6|H	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
PIG	F1S9B3	F1S9B3	Serum amyloid A like 1
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A

MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
MESAU	P20727	P20727	Serum amyloid A-2 protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
HORSE	F6ZL17	F6ZL17|F7	Serum amyloid A protein
AOTNA	A0A2K5F05	A0A2K5F05	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
PANTR	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
PAPAN|MA	A0A096MZ	A0A096MZ	Serum amyloid A like 1
PAPAN|MA	A0A096MZ	A0A096MZ	Serum amyloid A like 1
PAPAN|MA	A0A096MZ	A0A096MZ	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
MOUSE	Q3UWC2	Q3UWC2	Serum amyloid A protein
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
BUBBU	A0A0N6YQ	A0A0N6YQ	Serum amyloid A protein
BUBBU	A0A076JSH	A0A076JSH	Serum amyloid A protein
BUBBU	A0A076JSH	A0A076JSH	Serum amyloid A protein
9TELE	A0A0S7LG3	A0A0S7LG3	Serum amyloid A protein
9TELE	A0A0S7LG3	A0A0S7LG3	Serum amyloid A protein
9TELE	A0A0S7LG3	A0A0S7LG3	Serum amyloid A protein
DANRE	Q642J9	Q642J9	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70|U3	Serum amyloid A protein
NOMLE	G1S7R2	G1S7R2	Serum amyloid A protein
MOUSE	P97375	P97375|P0	Serum amyloid A protein
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A

MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
MACNP	A0A515EIR	A0A515EIR	Serum amyloid A
HUMAN	A0A0D5ZZ	A0A0D5ZZ	Serum amyloid A protein
MESAU	Q64423	Q64423|A	Serum amyloid A protein
BUBBU	D2U6Q0	D2U6Q0|V	Serum amyloid A protein (Fragment)
RUPRU|CA	E1UYU4	E1UYU4|Q	Serum amyloid A protein
CAPHI	Q0PG40	Q0PG40	Serum amyloid A protein
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
BOVIN	A0A452DJ4	A0A452DJ4	Serum amyloid A protein
BOVIN	A0A452DJ4	A0A452DJ4	Serum amyloid A protein
ARAVE	A0A4Y2H1	A0A4Y2H1	Serum amyloid A protein
PANTR|PA	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
CEBCA	A0A2K5QF	A0A2K5QF	Serum amyloid A like 1
CALJA	F6VFL2	F6VFL2	Serum amyloid A like 1
9TELE	A0A1A8MS	A0A1A8MS	Serum amyloid A-like 1
9TELE	A0A1A8MS	A0A1A8MS	Serum amyloid A-like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1

COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
COLAP	A0A2K5IE	A0A2K5IE	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
RUPRU|PA	E1UYU4	E1UYU4|T	Serum amyloid A protein
VULVU	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
PIG|RUPR	A0A480KN	A0A480KN	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
RHIBE	A0A2K6KSF	A0A2K6KSF	Serum amyloid A like 1
RHIBE	A0A2K6KSF	A0A2K6KSF	Serum amyloid A like 1
URSMA|UF	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|UF	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|UF	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|UF	A0A452VG	A0A452VG	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
CAVPO	H0V714	H0V714	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MACFA	A0A2K5U4	A0A2K5U4	Serum amyloid A like 1
MACFA	A0A2K5U4	A0A2K5U4	Serum amyloid A like 1
RHIRO|RHI	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
RHIRO|RHI	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
RHIRO|RHI	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
ICTTR	I3M295	I3M295	Serum amyloid A like 1
9TELE|NOT	A0A1A8S3	A0A1A8S3	Serum amyloid A-like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein

NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|H	G1S7R2	G1S7R2|F7	Serum amyloid A protein
NOMLE|FE	G1S7R2	G1S7R2|Q	Serum amyloid A protein
MESAU|H	P19453	P19453|F7	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
MOUSE|M	P04918	P04918|Q	Serum amyloid A-3 protein
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
MACNE	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
MACMU	F6V9Q5	F6V9Q5	Constitutively expressed serum amyloid A protein
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
FELCA	Q1T770	Q1T770|Q	Serum amyloid A protein
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
NOMLE|FE	G1S7R2	G1S7R2|Q	Serum amyloid A protein
9TELE|NO	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
RHIRO	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1

RHIRO	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
RHIRO	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
RHIRO	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
MONDO	F7FFU5	F7FFU5	Serum amyloid A like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
RHIRO|RHI	A0A2K6Q6	A0A2K6Q6	Serum amyloid A like 1
CANLF	J9P554	J9P554	Serum amyloid A like 1
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein

RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
RUPRU|HC	E1UYU4	E1UYU4|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
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HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein

HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
HORSE	F7BBH8	F7BBH8|F6	Serum amyloid A protein
CALJA	U3FFT2	U3FFT2	Serum amyloid A protein
MOUSE	A0A1B0GQ	A0A1B0GQ	Serum amyloid A protein
MOUSE	Q8R3T4	Q8R3T4|Q	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein

HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
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HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
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HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein

HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
HORSE	F7BJA9	F7BJA9	Serum amyloid A protein
ORENI	I3JND6	I3JND6|I3J	Serum amyloid A-like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
MOUSE	P31532	P31532	Serum amyloid A-4 protein
MOUSE	P31532	P31532	Serum amyloid A-4 protein
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A protein
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MACNE|M	A0A2K6B0	A0A2K6B0	Serum amyloid A like 1
ICTTR|HO	I3M295	I3M295|A	Serum amyloid A like 1
MACMU	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
CANLF	A0A5F4D1	A0A5F4D1	Serum amyloid A protein
NEOVI	P02739	P02739	Serum amyloid A-2 protein
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
PAPAN|M	A0A2I3MZ	A0A2I3MZ	Serum amyloid A like 1
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
COLLI	A0A2I0MH	A0A2I0MH	Serum amyloid A-like 1
9TELE	A0A1A7W	A0A1A7W	Serum amyloid A-like 1
SAIBB|RHI	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
RUPRU	E1UYU4	E1UYU4	Serum amyloid A protein
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
MYOLU	G1PAL8	G1PAL8	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
MUSPF	M3YQK5	M3YQK5	Serum amyloid A like 1
PIG|SHEEP	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1
PIG	A0A287AI4	A0A287AI4	Serum amyloid A like 1

LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
LATCH	H3AUK4	H3AUK4	Serum amyloid A like 1
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
9TELE	A0A1A8CL	A0A1A8CL	Serum amyloid A-like 1
RHIBE	A0A2K6KS	A0A2K6KS	Serum amyloid A like 1
ICTTR|HOR	I3M295	I3M295|A	Serum amyloid A like 1
PROCO	A0A2K6ET	A0A2K6ET	Serum amyloid A like 1
PROCO	A0A2K6ET	A0A2K6ET	Serum amyloid A like 1
PIG|OTOG	A0A5G2Q	A0A5G2Q	Serum amyloid A like 1
SHEEP|BO	W5NRY3	W5NRY3|E	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
CANLF	J9P554	J9P554	Serum amyloid A like 1
CANLF	J9P554	J9P554	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
HORSE	A0A5F5Q0	A0A5F5Q0	Serum amyloid A protein
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
PIG|RABIT	F1S9B2	F1S9B2|A0	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
MACMU|	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
MACMU|	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORNAN	F6QGS9	F6QGS9	Serum amyloid A like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
MANLE	A0A2K5XIC	A0A2K5XIC	Serum amyloid A like 1
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
PROCO	A0A2K6ET	A0A2K6ET	Serum amyloid A like 1
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein

VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|PI	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
MOUSE|M	P04918	P04918|P1	Serum amyloid A-3 protein
MOUSE	P04918	P04918	Serum amyloid A-3 protein
RABIT	P53614	P53614	Serum amyloid A-1 protein
CANLF	A0A5F4D1	A0A5F4D1	Serum amyloid A protein
HORSE	P19857	P19857	Serum amyloid A protein
BUBBU|B	A0A076JSH	A0A076JSH	Serum amyloid A protein
BUBBU|B	A0A076JSH	A0A076JSH	Serum amyloid A protein
BUBBU|B	A0A076JSH	A0A076JSH	Serum amyloid A protein
BUBBU|B	A0A076JSH	A0A076JSH	Serum amyloid A protein
NEOVI	P18575	P18575|P0	Serum amyloid A-1 protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
HORSE|DA	F6ZPQ6	F6ZPQ6|F7	Serum amyloid A protein
CALJA	F6ZH70	F6ZH70	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
FELCA	A0A337SU	A0A337SU	Serum amyloid A protein
RUPRU|CA	E1UYU4	E1UYU4|B	Serum amyloid A protein
BOVIN	Q32PB7	Q32PB7	Serum amyloid A protein
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
MACMU	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
MACMU	A0A1D5QY	A0A1D5QY	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT	G1SHI3	G1SHI3	Serum amyloid A like 1
HUMAN	P35542	P35542	Serum amyloid A-4 protein
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
CAPHI	A0A452EM	A0A452EM	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1

URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
URSMA|U	A0A452VG	A0A452VG	Serum amyloid A like 1
PANTR|PA	A0A2I3SXC	A0A2I3SXC	Serum amyloid A like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
SAIBB	A0A2K6RY	A0A2K6RY	Serum amyloid A like 1
HORSE	A0A5F5Q4	A0A5F5Q4	Serum amyloid A like 1
HORSE	F6PJF6	F6PJF6	Serum amyloid A protein
9TELE	A0A0S7LG	A0A0S7LG	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
PIG	A0A480KN	A0A480KN	Serum amyloid A protein
PIG	A0A480KN	A0A480KN	Serum amyloid A protein
PIG	F1S9C0	F1S9C0	Serum amyloid A protein
TAKRU	H2U9W6	H2U9W6|	Serum amyloid A-like 1
RABIT|HO	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
RABIT|HO	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
OTOGA|R	H0X4B8	H0X4B8|A	Serum amyloid A like 1
SALSA	B9EPA2	B9EPA2	Serum amyloid A protein
9TELE	A0A098GJ	A0A098GJ	Serum amyloid A protein
CANLF	J9NVE9	J9NVE9	Serum amyloid A protein
MACFA	A0A2K5U4	A0A2K5U4	Serum amyloid A like 1
MOUSE	P04918	P04918	Serum amyloid A-3 protein
PIG	F1S9B2	F1S9B2	Serum amyloid A like 1
CALJA	U3FFT2	U3FFT2	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
PANTA	T1W3H8	T1W3H8	Serum amyloid A protein
HORSE	F6PJF6	F6PJF6|F6	Serum amyloid A protein
SARHA	G3WV59	G3WV59	Serum amyloid A like 1
RABIT	A0A5F9DS	A0A5F9DS	Serum amyloid A like 1
VULVU|TA	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
VULVU|TA	A0A3Q7RF	A0A3Q7RF	Serum amyloid A protein
9TELE|NO	A0A1A8PR	A0A1A8PR	Serum amyloid A protein
9TELE|NO	A0A1A8PR	A0A1A8PR	Serum amyloid A protein
9TELE|NO	A0A1A8PR	A0A1A8PR	Serum amyloid A protein
9TELE|NO	A0A1A8PR	A0A1A8PR	Serum amyloid A protein
9TELE	A0A1A8FV	A0A1A8FV	Serum amyloid A protein
CANLF	A0A5F4D1	A0A5F4D1	Serum amyloid A protein
SALSA|ON	B9EPA2	B9EPA2|A	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein

TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
TAKRU	H2V509	H2V509	Serum amyloid A protein
BUBBU	F6K454	F6K454	Serum amyloid A protein (Fragment)
RAT	Q5M878	Q5M878	Serum amyloid A protein
RAT	Q5M878	Q5M878	Serum amyloid A protein
FELCA	M3VUA7	M3VUA7	Serum amyloid A like 1
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
NOMLE|FE	A0A2I3HA	A0A2I3HA	Serum amyloid A protein
MACMU	F6V9P6	F6V9P6	Serum amyloid A protein
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
ORYLA	H2LN91	H2LN91|A	Serum amyloid A-like 1
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
HORSE	F7C0Y4	F7C0Y4	Serum amyloid A protein
9TELE	A0A1A8FV	A0A1A8FV	Serum amyloid A protein