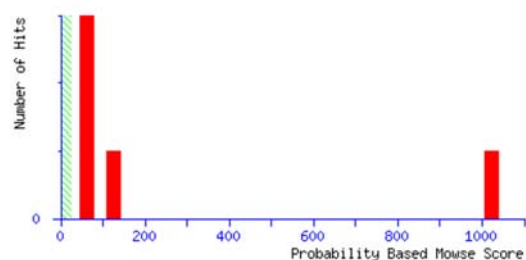


**Mascot Search Results**

User :  
Email :  
Search title :  
MS data file : C:\Dokumente und Einstellungen\Juliane\Eigene Dateien\Qtrap-files\Quantifizierung 25092008\Qtrap0016155-1.mgf  
Database : Sprot 51.6 (257964 sequences; 93947433 residues)  
Taxonomy : Rattus (5769 sequences)  
Timestamp : 2 Oct 2008 at 12:03:53 GMT  
Protein hits : [ANPRA\\_RAT](#) Atrial natriuretic peptide receptor A precursor (ANP-A) (ANPRA) (GC-A) (Guanylate cyclase) (EC 4.6.1.2)  
[ANPRB\\_RAT](#) Atrial natriuretic peptide receptor B precursor (ANP-B) (ANPRB) (GC-B) (Guanylate cyclase B) (EC 4.6.1.2)  
[TR150\\_RAT](#) Thyroid hormone receptor-associated protein 3 (Thyroid hormone receptor-associated protein complex 150)  
[H1T\\_RAT](#) Histone H1t - Rattus norvegicus (Rat)  
[MATR3\\_RAT](#) Matrin-3 (Nuclear scaffold protein Pl30/MAT3) - Rattus norvegicus (Rat)

**Probability Based Mowse Score**

Ions score is  $-10 \cdot \log(P)$ , where P is the probability that the observed match is a random event.  
Individual ions scores > 24 indicate identity or extensive homology ( $p < 0.05$ ).  
Protein scores are derived from ions scores as a non-probabilistic basis for ranking protein hits.

**Peptide Summary Report**

Format As  [Help](#)

Significance threshold  $p <$   Max. number of hits

Standard scoring ☐ MudPIT scoring ☒ Ions score or expect cut-off  Show sub-sets

Show pop-ups ☒ Suppress pop-ups ☐ Sort unassigned  Require bold red ☐

☐ Error tolerant

1. [ANPRA\\_RAT](#) Mass: 119789 Score: 1021 Queries matched: 38 emPAI: 1.57  
Atrial natriuretic peptide receptor A precursor (ANP-A) (ANPRA) (GC-A) (Guanylate cyclase) (EC 4.6.1.2) (NPR-A) (Atrial natriuretic peptide receptor A precursor)  
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<input checked="" type="checkbox"/> <a href="#">19</a>	394.2000	786.3854	786.4712	-0.0857	1	34	0.0083	1	K.RIELTR.K
<input checked="" type="checkbox"/> <a href="#">39</a>	409.2000	816.3854	816.4031	-0.0177	0	31	0.017	1	R.FTAHWR.V
<input checked="" type="checkbox"/> <a href="#">168</a>	438.7300	875.4454	875.5480	-0.1026	1	39	0.0026	1	R.KVLFELK.H
<input checked="" type="checkbox"/> <a href="#">247</a>	457.8100	913.6054	913.4869	0.1186	0	37	0.0032	1	K.IHLSSETK.A
<input checked="" type="checkbox"/> <a href="#">293</a>	491.2200	980.4254	980.4814	-0.0560	0	31	0.012	1	R.TQAYLEEK.R
<input checked="" type="checkbox"/> <a href="#">311</a>	516.2200	1030.4254	1030.5447	-0.1193	0	53	8.9e-005	1	K.ELVSELWR.V
<input checked="" type="checkbox"/> <a href="#">321</a>	519.2100	1036.4054	1036.5342	-0.1287	0	38	0.0024	1	R.TYWLLGER.G
<input checked="" type="checkbox"/> <a href="#">346</a>	536.7200	1071.4254	1071.6110	-0.1856	0	77	3.3e-007	1	R.MALALLDAVR.S
<input checked="" type="checkbox"/> <a href="#">357</a>	544.7600	1087.5054	1087.6059	-0.1005	0	(56)	4.9e-005	1	R.MALALLDAVR.S + Oxidation (M)
<input checked="" type="checkbox"/> <a href="#">358</a>	544.8100	1087.6054	1087.6059	-0.0005	0	(51)	0.00015	1	R.MALALLDAVR.S + Oxidation (M)
<input checked="" type="checkbox"/> <a href="#">368</a>	548.3000	1094.5854	1094.6448	-0.0593	0	49	0.00017	1	R.VGPAVELALAR.V
<input checked="" type="checkbox"/> <a href="#">380</a>	556.2300	1110.4454	1110.5418	-0.0963	0	44	0.00063	1	R.DVQNEHLTR.F
<input checked="" type="checkbox"/> <a href="#">394</a>	564.7400	1127.4654	1127.6087	-0.1433	0	66	4.5e-006	1	K.LGDFVTALHR.R
<input checked="" type="checkbox"/> <a href="#">469</a>	600.7300	1199.4454	1199.5822	-0.1368	0	46	0.00046	1	K.ITDYGLESFR.D
<input checked="" type="checkbox"/> <a href="#">482</a>	613.8000	1225.5854	1225.7183	-0.1328	1	33	0.0076	1	K.KLWTAPELLR.M
<input checked="" type="checkbox"/> <a href="#">717</a>	680.2800	1358.5454	1358.6466	-0.1012	0	41	0.0013	1	R.WEDLQPSLER.H
<input checked="" type="checkbox"/> <a href="#">785</a>	714.2700	1426.5254	1426.6915	-0.1660	0	43	0.00079	1	R.VIYCSPDAFR.N
<input checked="" type="checkbox"/> <a href="#">806</a>	734.8200	1467.6254	1467.6994	-0.0740	0	48	0.00025	1	R.DPEPEQGHILFAK.K
<input checked="" type="checkbox"/> <a href="#">808</a>	737.8100	1473.6054	1473.7423	-0.1368	0	60	1.5e-005	1	K.ENSSNILDNLLSR.M
<input checked="" type="checkbox"/> <a href="#">813</a>	738.8900	1475.7654	1475.9075	-0.1421	0	68	3e-006	1	R.VPLLTAGAPALGIGVK.D
<input checked="" type="checkbox"/> <a href="#">819</a>	747.3200	1492.6254	1492.7085	-0.0831	0	70	1.5e-006	1	K.EPDNPEYLEFLK.Q
<input checked="" type="checkbox"/> <a href="#">822</a>	748.3200	1494.6254	1494.7943	-0.1688	0	37	0.0031	1	K.SAQGLVPQKPWER.G
<input checked="" type="checkbox"/> <a href="#">826</a>	752.3000	1502.5854	1502.6824	-0.0969	0	45	0.00044	1	R.YCLFGDTVNTASR.M
<input checked="" type="checkbox"/> <a href="#">829</a>	755.8400	1509.6654	1509.7715	-0.1061	0	40	0.0016	1	R.SGVFYVEGLDLSPK.E
<input checked="" type="checkbox"/> <a href="#">882</a>	789.3900	1576.7654	1576.8760	-0.1105	0	40	0.0017	1	R.IGIHTGPVCAGVVGLK.M
<input checked="" type="checkbox"/> <a href="#">883</a>	526.6600	1576.9582	1576.8760	0.0822	0	(38)	0.0027	1	R.IGIHTGPVCAGVVGLK.M

<input checked="" type="checkbox"/>	<a href="#">906</a>	807.8700	1613.7254	1613.8161	-0.0907	1	39	0.002	1	R.VRWEDLQPFSSLER.H
<input checked="" type="checkbox"/>	<a href="#">921</a>	547.9000	1640.6782	1640.8603	-0.1821	0	(30)	0.013	1	K.LYWPLGYPPPDVVK.C
<input checked="" type="checkbox"/>	<a href="#">922</a>	821.3500	1640.6854	1640.8603	-0.1748	0	42	0.00086	1	K.LYWPLGYPPPDVVK.C
<input checked="" type="checkbox"/>	<a href="#">923</a>	821.3700	1640.7254	1640.8603	-0.1348	0	(34)	0.0054	1	K.LYWPLGYPPPDVVK.C
<input checked="" type="checkbox"/>	<a href="#">926</a>	548.0600	1641.1582	1640.8603	0.2979	0	(30)	0.012	1	K.LYWPLGYPPPDVVK.C
<input checked="" type="checkbox"/>	<a href="#">1020</a>	911.3500	1820.6854	1820.9343	-0.2488	0	91	9.7e-009	1	K.VETIGDAYMVVSGLPVR.N + Oxidation (M)
<input checked="" type="checkbox"/>	<a href="#">1044</a>	941.9600	1881.9054	1881.8414	0.0640	0	59	1.7e-005	1	R.MEQYANNLEELVEER.T + Oxidation (M)
<input checked="" type="checkbox"/>	<a href="#">1065</a>	1009.8200	2017.6254	2017.8364	-0.2109	0	78	1.1e-007	1	R.DTDFSLWMDPETGAFR.V + Oxidation (M)
<input checked="" type="checkbox"/>	<a href="#">1066</a>	673.7300	2018.1682	2017.8364	0.3318	0	(68)	1.9e-006	1	R.DTDFSLWMDPETGAFR.V + Oxidation (M)
<input checked="" type="checkbox"/>	<a href="#">1093</a>	701.9400	2102.7982	2102.9918	-0.1936	0	32	0.0091	1	R.LGDDRPCFFIVEGLYMR.V + Oxidation (M)
<input checked="" type="checkbox"/>	<a href="#">1096</a>	704.6300	2110.8682	2111.0826	-0.2145	1	49	0.00017	1	K.IITYKEPDNPEYLEFLK.Q
<input checked="" type="checkbox"/>	<a href="#">1166</a>	855.0300	2562.0682	2562.2305	-0.1624	0	75	3.3e-007	1	R.MVLGSSENAAGVCSDTAAPLAVDLK.W + Oxidation (M)

**2. [ANPRB\\_RAT](#) Mass: 117908 Score: 100 Queries matched: 5 emPAI: 0.15**

Atrial natriuretic peptide receptor B precursor (ANP-B) (ANPRB) (GC-B) (Guanylate cyclase B) (EC 4.6.1.2) (NPR-B) (Atrial na

☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<a href="#">19</a>	394.2000	786.3854	786.4712	-0.0857	1	34	0.0083	1	K.RIELTR.Q
<a href="#">168</a>	438.7300	875.4454	875.5116	-0.0662	0	39	0.0026	1	R.QVLFELK.H
<a href="#">293</a>	491.2200	980.4254	980.4814	-0.0560	0	31	0.012	1	R.TQAYLEEK.R
<a href="#">321</a>	519.2100	1036.4054	1036.5342	-0.1287	0	38	0.0024	1	R.TYWLLGER.K
<a href="#">826</a>	752.3000	1502.5854	1502.6824	-0.0969	0	45	0.00044	1	R.YCLFGDVTNTASR.M

**3. [TR150\\_RAT](#) Mass: 108302 Score: 75 Queries matched: 2 emPAI: 0.06**

Thyroid hormone receptor-associated protein 3 (Thyroid hormone receptor-associated protein complex 150 kDa component) (Trap1

☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<input checked="" type="checkbox"/> <a href="#">284</a>	484.1800	966.3454	966.4308	-0.0853	0	33	0.0074	1	R.SNWQNYR.Q
<input checked="" type="checkbox"/> <a href="#">502</a>	621.2300	1240.4454	1240.5571	-0.1117	0	66	4e-006	1	K.EESAASGGAAYTK.R

**4. [H1T\\_RAT](#) Mass: 21712 Score: 67 Queries matched: 1 emPAI: 0.15**

Histone H1t - Rattus norvegicus (Rat)

☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<input checked="" type="checkbox"/> <a href="#">378</a>	554.2200	1106.4254	1106.5608	-0.1353	0	67	3.6e-006	1	K.ALAAGYDVEK.N

Proteins matching the same set of peptides:

[H12\\_RAT](#) Mass: 21974 Score: 67 Queries matched: 1  
Histone H1.2 (H1d) - Rattus norvegicus (Rat)**5. [MATR3\\_RAT](#) Mass: 94902 Score: 62 Queries matched: 2 emPAI: 0.07**

Matrin-3 (Nuclear scaffold protein P130/MAT3) - Rattus norvegicus (Rat)

☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<input checked="" type="checkbox"/> <a href="#">273</a>	473.1500	944.2854	944.3876	-0.1021	0	46	0.00052	1	K.FDSEYER.M
<input checked="" type="checkbox"/> <a href="#">879</a>	787.2900	1572.5654	1572.7494	-0.1839	0	39	0.0022	1	K.LCSLFYTNEEVAK.N

Peptide matches not assigned to protein hits: (no details means no match)

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
<input checked="" type="checkbox"/> <a href="#">286</a>	484.7800	967.5454	967.4611	0.0844	0	30	0.013	1	DEYALTTR
<input checked="" type="checkbox"/> <a href="#">423</a>	387.6000	1159.7782	1159.5808	0.1973	0	29	0.021	1	VVHIMDFQR + Oxidation (M)
<input checked="" type="checkbox"/> <a href="#">17</a>	392.2100	782.4054	782.4399	-0.0344	1	29	0.015	1	TLHREK
<input checked="" type="checkbox"/> <a href="#">229</a>	449.7300	897.4454	897.4742	-0.0288	0	29	0.018	1	LCVLHEK
<input checked="" type="checkbox"/> <a href="#">27</a>	397.2000	792.3854	792.4745	-0.0891	1	26	0.039	1	LIEKYK
<input checked="" type="checkbox"/> <a href="#">1008</a>	894.3800	1786.7454	1786.9200	-0.1746	0	25	0.042	1	TITLEVEPSDTIENVK
<input checked="" type="checkbox"/> <a href="#">332</a>	526.7700	1051.5254	1051.5550	-0.0295	0	25	0.047	1	YSLTNDIVK
<input checked="" type="checkbox"/> <a href="#">290</a>	488.6900	975.3654	975.4807	-0.1153	1	24	0.073	1	MQVDAERK
<input checked="" type="checkbox"/> <a href="#">478</a>	608.4900	1214.9654	1214.6619	0.3036	2	24	0.06	1	EKLRAVNEK
<input checked="" type="checkbox"/> <a href="#">373</a>	549.7600	1097.5054	1097.6233	-0.1179	0	22	0.094	1	LWTAPELLR
<input checked="" type="checkbox"/> <a href="#">1176</a>	894.3800	2680.1182	2680.2760	-0.1579	2	22	0.068	1	QASNASKSNIAATNSGNSNGATRTSGK
<input checked="" type="checkbox"/> <a href="#">486</a>	411.1600	1230.4582	1230.5551	-0.0969	0	22	0.11	1	DDISPMDGIPR + Oxidation (M)
<input checked="" type="checkbox"/> <a href="#">347</a>	536.7500	1071.4854	1071.5560	-0.0706	0	21	0.13	1	LQAANAEDIK
<input checked="" type="checkbox"/> <a href="#">381</a>	558.2600	1114.5054	1114.5771	-0.0716	0	21	0.14	1	AQLFPAEPSR
<input checked="" type="checkbox"/> <a href="#">657</a>	443.6900	1328.0482	1327.6884	0.3597	0	21	0.09	1	LQLWDIAGQER

416	577.7400	1153.4654	1153.5516	-0.0862	1	21	0.13	1	VPDSDYRR
76	415.7300	829.4454	829.4909	-0.0454	0	21	0.16	1	LVESAAALK
1147	787.2900	2358.8482	2359.1631	-0.3149	0	21	0.076	1	EWTLMLHGTSAPYIDQVVR + Oxidation (M)
257	461.7000	921.3854	921.5171	-0.1317	1	20	0.13	1	IYSVVKVD
343	534.7100	1067.4054	1067.5764	-0.1709	2	20	0.13	1	KNEKQFFK
520	415.2900	1242.8482	1242.7547	0.0935	1	20	0.15	1	DLTSVNILLKK
1035	622.7700	1865.2882	1864.8988	0.3893	1	19	0.11	1	MEQYANNLEKLVEER
555	425.1300	1272.3682	1272.6674	-0.2992	1	19	0.22	1	DTVDDGQRILEK
360	545.7400	1089.4654	1089.5051	-0.0396	0	19	0.23	1	DGLGSDNIGSR
106	428.7200	855.4254	855.5290	-0.1036	2	19	0.21	1	ISQPKKR
291	489.1600	976.3054	976.4899	-0.1845	0	19	0.26	1	MEIQEAIK + Oxidation (M)
89	421.6900	841.3654	841.3674	-0.0019	0	19	0.19	1	MSTLSCK + Oxidation (M)
786	478.1900	1431.5482	1431.6857	-0.1375	0	19	0.21	1	LFFQPYQAGMSK + Oxidation (M)
621	434.8100	1301.4082	1301.6801	-0.2720	1	19	0.22	1	MSLAPAEAWKAK
324	520.2100	1038.4054	1038.4652	-0.0597	1	18	0.22	1	SMKGAGTDEK + Oxidation (M)
510	415.2400	1242.6982	1242.5881	0.1101	0	17	0.3	1	NSTPPGEDIWK
925	821.5800	1641.1454	1640.8603	0.2852	0	17	0.24	1	LYWPLGYPPPDVVK
982	575.2700	1722.7882	1722.8788	-0.0906	1	17	0.26	1	LIQSHPEAEDLKEK
258	461.7400	921.4654	921.4589	0.0065	2	17	0.3	1	AEMKGKDK + Oxidation (M)
447	395.1800	1182.5182	1182.5993	-0.0811	1	17	0.29	1	SGGRGTSTVSFK
12	387.7400	773.4654	773.4283	0.0372	1	17	0.48	1	EGAEKIK
878	787.2800	1572.5454	1572.7606	-0.2152	1	17	0.36	1	EYTCLAFKVAESR
535	417.2000	1248.5782	1248.5193	0.0588	0	16	0.38	1	CSYPVHDESR
634	658.7800	1315.5454	1315.6520	-0.1066	1	16	0.44	1	HQYDKIVEER
102	428.1100	854.2054	854.4109	-0.2054	0	16	0.3	1	MISFWR + Oxidation (M)
85	417.3100	832.6054	832.4443	0.1611	0	16	0.46	1	NPITGFGK
726	683.6900	1365.3654	1365.6419	-0.2764	2	16	0.31	1	SRARTMSEQER + Oxidation (M)
372	548.7900	1095.5654	1095.6400	-0.0746	1	16	0.36	1	LLALEPERR
901	536.7200	1607.1382	1606.7951	0.3431	0	16	0.36	1	EHLDENSPLGDLRL
940	553.2500	1656.7282	1656.8757	-0.1475	1	16	0.42	1	VKDTEDVPMILVGNK
457	397.2300	1188.6682	1188.6574	0.0107	2	16	0.47	1	SESSRNKLLR
173	440.1800	878.3454	878.4320	-0.0866	0	16	0.49	1	QMGTWLK + Oxidation (M)
736	688.2400	1374.4654	1374.7255	-0.2601	1	16	0.41	1	ENINVKQVFER
435	587.2400	1172.4654	1172.6288	-0.1634	1	15	0.54	1	DIKEAIEEVK
842	509.2000	1524.5782	1524.8009	-0.2227	2	15	0.46	1	GGGETRLTSPRGPO
402	570.7300	1139.4454	1139.5611	-0.1157	0	15	0.45	1	VEFTTGAYPR
622	435.2400	1302.6982	1302.7296	-0.0314	0	15	0.51	1	ATGVFTTLQPLR
300	507.7900	1013.5654	1013.6121	-0.0466	1	15	0.54	1	VDAKVEIIK
239	454.0800	906.1454	906.3912	-0.2458	1	15	0.57	1	CQQRCR
534	417.1700	1248.4882	1248.5470	-0.0588	1	15	0.52	1	QKIDSDDDGEK
471	402.2000	1203.5782	1203.6459	-0.0677	2	15	0.53	1	QTNTDKEKLEK
841	508.7400	1523.1982	1522.8395	0.3586	0	15	0.17	1	FEDFVTALSILLR
1180	912.3700	2734.0882	2734.3822	-0.2941	2	15	0.3	1	DPLFPEPKLTSSHLGMQREVLMLK + 2 Oxidation (M)
1025	612.7700	1835.2882	1834.9247	0.3635	1	15	0.3	1	GTHTAMKSGSLAAEAIK + Oxidation (M)
729	457.1900	1368.5482	1368.8340	-0.2858	1	15	0.51	1	SILIGEILEKVR
398	566.8500	1131.6854	1131.5897	0.0957	1	15	0.52	1	AEHHVRLDR
34	399.2100	796.4054	796.3828	0.0227	0	15	0.43	1	STNPNHK
972	570.7300	1709.1682	1708.8468	0.3214	2	15	0.38	1	ARRLFWTDTGMSPR + Oxidation (M)
975	571.6700	1711.9882	1711.7611	0.2271	0	15	0.5	1	EEDVCDTFTVELQK
710	452.8400	1355.4982	1355.7125	-0.2143	0	14	0.61	1	FIWSEISYLAK
476	607.6500	1213.2854	1213.6316	-0.3462	2	14	0.49	1	GTSSFRFRTR
105	428.7000	855.3854	855.4814	-0.0960	1	14	0.62	1	LAKQGDPK
949	561.2100	1680.6082	1680.7988	-0.1907	1	14	0.54	1	TEMTQAIRTRQEEK + Oxidation (M)
727	456.8400	1367.4982	1367.6809	-0.1827	0	14	0.58	1	GFCLHAFTFLR
618	434.2300	1299.6682	1299.7034	-0.0352	2	14	0.63	1	EKLGGKLSPEDK
857	516.2400	1545.6982	1545.7821	-0.0839	1	14	0.65	1	GAKGMLNGAVPSEATK + Oxidation (M)
14	389.1700	776.3254	776.4181	-0.0926	0	14	0.82	1	FNEIVR
614	433.2800	1296.8182	1296.5438	0.2743	0	14	0.5	1	CESLDSTGLCR
1061	668.3000	2001.8782	2002.0347	-0.1565	1	14	0.48	1	AVPVGGTTVSLFGKYGMFR + Oxidation (M)
1114	738.3000	2211.8782	2212.0794	-0.2012	2	14	0.42	1	SLDRRSTESSMTPDLLNFK + Oxidation (M)
302	508.7400	1015.4654	1015.5913	-0.1259	1	14	0.74	1	EGKTVIELK
278	474.2900	946.5654	946.5447	0.0207	1	14	0.78	1	SRTILETK
488	411.3300	1230.9682	1230.6720	0.2961	1	14	0.58	1	AGAAEKGVPPLYR
577	429.1700	1284.4882	1284.7514	-0.2632	2	14	0.59	1	GIEDIIVSKRR
214	447.1900	892.3654	892.3960	-0.0306	0	14	0.74	1	GSPTSMADK
511	415.2500	1242.7282	1242.6177	0.1105	2	14	0.66	1	SRDAGGPRNSAR
100	427.3100	852.6054	852.4375	0.1679	1	14	0.57	1	MTVGKSSK + Oxidation (M)
1029	619.2300	1854.6682	1854.8981	-0.2299	2	14	0.58	1	LHRSRQMYDAYIMR + Oxidation (M)

138	431.2900	860.5654	860.4868	0.0786	1	14	0.93	1	KAPSGFVR
496	413.1700	1236.4882	1236.6462	-0.1581	1	14	0.58	1	DRYEISSLVR
775	473.2500	1416.7282	1416.6932	0.0350	1	14	0.77	1	KGGWQQPSLNMR + Oxidation (M)
599	431.2800	1290.8182	1290.6164	0.2017	0	14	0.73	1	STSGPGTSGQGSLR
446	395.1700	1182.4882	1182.6608	-0.1727	0	14	0.61	1	LGVLSNVAEPGK
152	433.2800	864.5454	864.4487	0.0967	1	14	0.67	1	SKMSSVAR
564	428.1100	1281.3082	1281.6928	-0.3847	0	13	0.5	1	HSLSLLDLEQK
1187	991.7500	2972.2282	2972.3440	-0.1158	1	13	0.34	1	NNRQFCSTLTTLNMAQANHTGLYSCR + Oxidation (M)
485	411.1300	1230.3682	1230.4645	-0.0963	0	13	0.75	1	EDFNMMEQR + 2 Oxidation (M)
312	516.2400	1030.4654	1030.5155	-0.0501	2	13	0.85	1	KQEERGR
1053	658.3300	1971.9682	1971.9758	-0.0076	1	13	0.63	1	GATTLPPPSVMMKEVNER + Oxidation (M)
821	747.7600	1493.5054	1493.7283	-0.2229	0	13	0.68	1	METSVSEIQIETK
802	488.6900	1463.0482	1462.8251	0.2231	2	13	0.75	1	MLKEVQMLKALK + 2 Oxidation (M)
886	527.2200	1578.6382	1578.8842	-0.2460	1	13	0.78	1	LRSLSIQHLELDR
977	573.1800	1716.5182	1716.8101	-0.2919	0	13	0.59	1	LLEASADANIQDNMGR
740	688.3100	1374.6054	1374.7255	-0.1201	1	13	0.74	1	ENINVKQVFER
151	433.2800	864.5454	864.3760	0.1695	0	13	0.76	1	LTGDSGCR
780	474.2900	1419.8482	1419.8059	0.0423	2	13	0.75	1	AQREHGVLGKLR
1032	932.8500	1863.6854	1863.7979	-0.1124	0	13	0.71	1	CDMLTDPNQEVLEER + Oxidation (M)
374	550.2800	1098.5454	1098.5710	-0.0255	0	13	0.74	1	SFQGVGTGLK
250	460.2000	918.3854	918.4844	-0.0990	0	13	1	1	MNEVSVIK
545	420.1900	1257.5482	1257.5369	0.0112	0	13	0.85	1	MNLENMESFK + Oxidation (M)
75	415.6900	829.3654	829.4770	-0.1115	1	13	1	1	RTGEVLR
95	427.1500	852.2854	852.4528	-0.1673	0	13	0.7	1	LFVATMR + Oxidation (M)
465	399.3100	1194.9082	1194.5862	0.3219	1	13	0.72	1	AVRMLHHC + Oxidation (M)
796	727.3000	1452.5854	1452.7395	-0.1540	1	13	0.81	1	NIMALSDGGKLYR + Oxidation (M)
944	556.2300	1665.6682	1665.9712	-0.3030	1	13	0.88	1	MLKPRAAEGAAVALLR
463	399.1600	1194.4582	1194.6721	-0.2139	2	13	0.75	1	SVRVTKQSYK
848	511.5700	1531.6882	1531.7783	-0.0901	1	13	0.87	1	NGATHYWSLDKLK
345	535.7800	1069.5454	1069.6608	-0.1153	2	13	0.93	1	ALKKGDIVAR
685	447.2600	1338.7582	1338.7143	0.0439	0	13	0.69	1	APGVAAVAEDAGLK
349	538.7300	1075.4454	1075.5947	-0.1492	1	13	0.98	1	EKIVMSEIK
255	461.2100	920.4054	920.4603	-0.0549	0	13	1.1	1	LQQFEAK
562	427.3100	1278.9082	1278.6979	0.2103	1	13	0.88	1	CQLHLLPSRR
436	392.2100	1173.6082	1173.6254	-0.0173	2	12	0.98	1	NVTYKHREK
668	445.2300	1332.6682	1332.7071	-0.0390	1	12	0.95	1	KMGADLLGSGVQAK + Oxidation (M)
731	685.9200	1369.8254	1369.7751	0.0503	1	12	0.87	1	VICIPKSITPSR
166	438.2400	874.4654	874.4661	-0.0006	0	12	1.2	1	GAPPPPPSR
289	487.6800	973.3454	973.5444	-0.1989	1	12	1.2	1	EATEAKVVK
801	487.6800	1460.0182	1459.7704	0.2477	1	12	0.9	1	GLSMAKEGVVAAAEK
304	509.9300	1017.8454	1017.5793	0.2661	0	12	1.2	1	ILFNMRPK
313	516.6600	1031.3054	1031.5546	-0.2491	2	12	1.1	1	EKMLEARR
696	449.2000	1344.5782	1344.6530	-0.0748	2	12	0.98	1	RMVTKFGMSEK + 2 Oxidation (M)
591	431.1700	1290.4882	1290.6164	-0.1283	0	12	1	1	STSGPGTSGQGSLR
794	484.1900	1449.5482	1449.6493	-0.1011	0	12	0.92	1	HIMGQNVDYMR + Oxidation (M)
1090	692.3500	2074.0282	2074.0782	-0.0500	2	12	0.87	1	ENLMTPRWQLTPRYAAK
339	531.1500	1060.2854	1060.5587	-0.2732	0	12	1.2	1	SVLGGDCLLK
942	554.2200	1659.6382	1659.8621	-0.2239	0	12	0.89	1	VVVSGTPEPSLSWFR
953	561.2700	1680.7882	1680.9121	-0.1239	0	12	0.88	1	MVGLQPSEVPPTTVVK
307	511.2400	1020.4654	1020.5240	-0.0585	0	12	1.1	1	INNFSADIK
985	577.6400	1729.8982	1729.8821	0.0160	0	12	0.93	1	IFVMATHGLSSDAPR + Oxidation (M)
204	446.1900	890.3654	890.4895	-0.1241	1	12	1.3	1	IKMDLQK + Oxidation (M)
757	465.5700	1393.6882	1393.7493	-0.0611	1	12	0.9	1	IIKLEYDFPEK
705	675.9100	1349.8054	1349.6908	0.1147	2	12	0.99	1	VSLMCDGRRLK + Oxidation (M)
688	447.3000	1338.8782	1338.8023	0.0758	1	12	0.82	1	TLNPVLVKAANK
1063	670.6900	2009.0482	2009.0379	0.0102	2	12	0.76	1	FLGRAMFFSMGFRVTVK + Oxidation (M)
1161	834.2700	2499.7882	2500.0787	-0.2905	1	12	0.27	1	KQRPPMEEEEAYGWMDFGR + Oxidation (M)
1110	734.8200	2201.4382	2201.1198	0.3184	2	12	0.56	1	VIEPGCVRVVRGEGMPQYR
464	399.2100	1194.6082	1194.6100	-0.0019	1	12	0.92	1	MMTGAGNILKK + 2 Oxidation (M)
1119	742.5900	2224.7482	2225.0634	-0.3152	2	12	0.55	1	LDSELRNMQDLVEDYKNK + Oxidation (M)
550	421.6900	1262.0482	1261.7394	0.3088	1	12	0.58	1	TVALVSLERFK
694	449.1900	1344.5482	1344.6633	-0.1152	1	12	1.1	1	SPGTGAGLAEKSDR
623	435.3200	1302.9382	1302.6489	0.2892	0	12	1.1	1	EILSPVDIMDR + Oxidation (M)
1070	679.2500	2034.7282	2035.0772	-0.3490	2	12	0.77	1	STVPKSVLDQSSPFMRK + Oxidation (M)
858	516.6600	1546.9582	1546.7674	0.1907	2	12	0.92	1	MGHRTEGLEKFAR + Oxidation (M)
299	507.2200	1012.4254	1012.5454	-0.1200	0	12	1.1	1	IVFLHNR
661	444.2400	1329.6982	1329.6785	0.0197	0	12	1.1	1	MIQEVMSLVK + Oxidation (M)
913	544.7600	1631.2582	1630.9480	0.3102	1	12	0.39	1	SPFLSVMILAALKNK

707	451.2500	1350.7282	1350.6999	0.0282	1	12	0.98	1	TMDMTLQVLRK + Oxidation (M)
619	434.6900	1301.0482	1300.6524	0.3958	1	12	0.8	1	LWPSGDRSQQK
83	417.2300	832.4454	832.4589	-0.0134	1	12	1.3	1	KVGLMNRR + Oxidation (M)
375	551.7500	1101.4854	1101.6030	-0.1175	1	12	1.2	1	LENLTQKEK
987	577.7400	1730.1982	1729.9648	0.2334	2	12	0.91	1	KLVQEASDMVLELKK
13	388.6900	775.3654	775.4439	-0.0785	1	12	1.5	1	KELSATK
395	565.2000	1128.3854	1128.6325	-0.2470	1	12	1.3	1	LKVMLADSPR
699	449.2600	1344.7582	1344.7296	0.0286	2	12	1.1	1	LMVSNKIRDR
1030	621.2300	1860.6682	1861.0058	-0.3376	2	12	0.91	1	AKKAAQVTIHSSGTFSTK
38	402.2000	802.3854	802.4701	-0.0847	0	12	1.6	1	LVAFPTR
301	507.8500	1013.6854	1013.5869	0.0985	2	11	1.3	1	EQEKPKK
671	668.3000	1334.5854	1334.6626	-0.0771	1	11	1.2	1	SPHTHSMARGVR
781	475.2000	1422.5782	1422.8194	-0.2413	2	11	1	1	KASHEDVVKLIGK
845	510.1800	1527.5182	1527.5653	-0.0472	1	11	1.1	1	HYRDCMGDMGDR + Oxidation (M)
524	415.6500	1243.9282	1243.6496	0.2786	0	11	1.2	1	SHACFQILLR
798	485.9800	1454.9182	1454.6572	0.2610	1	11	0.97	1	NYSCQAENKVSRR
336	527.2600	1052.5054	1052.5365	-0.0311	0	11	1.1	1	VPGFMYPVK + Oxidation (M)
267	470.7500	939.4854	939.5138	-0.0283	0	11	1	1	TGGAGAGKPPK
137	431.2800	860.5454	860.4174	0.1280	0	11	1.6	1	LDQCGLR
693	449.1800	1344.5182	1344.7547	-0.2365	1	11	1.2	1	MAAATASGLIRQK + Oxidation (M)
1006	593.6400	1777.8982	1778.0124	-0.1142	2	11	1.1	1	LKLLMIAIEYKSANR + Oxidation (M)
215	447.2600	892.5054	892.4146	0.0908	0	11	1.4	1	IPMEMTR + Oxidation (M)
612	433.2800	1296.8182	1296.5979	0.2202	1	11	0.97	1	MSSAGIRSEESK + Oxidation (M)
673	446.1900	1335.5482	1335.6639	-0.1157	1	11	1.2	1	VLVEKMNNRR + Oxidation (M)
480	612.7700	1223.5254	1223.7098	-0.1844	1	11	1.1	1	RLLGPANSGIAR
575	429.1600	1284.4582	1284.7401	-0.2820	1	11	1.1	1	VLKDAVNNITAK
131	431.2200	860.4254	860.4902	-0.0647	1	11	1.7	1	LLGMSGKR
113	429.1600	856.3054	856.4476	-0.1422	0	11	1.4	1	LIESMHK
684	447.1900	1338.5482	1338.6099	-0.0617	2	11	1	1	GMGRGDGFDSRGK
1071	680.1000	2037.2782	2037.0598	0.2184	2	11	0.98	1	LQEETLTKMSILGKSMR + Oxidation (M)
1117	739.8100	2216.4082	2216.1742	0.2340	1	11	0.82	1	IEELFHVEPQLQRLFYR
967	568.2600	1701.7582	1701.7814	-0.0233	0	11	1.2	1	DPMLLSGTHVMEGSGR + Oxidation (M)
500	413.2000	1236.5782	1236.6866	-0.1085	0	11	1.1	1	LPLESFPGIHK
1042	627.3000	1878.8782	1879.0051	-0.1269	1	11	1.2	1	GEVVEKHGLPSTDTLGLK
305	510.1800	1018.3454	1018.5043	-0.1589	1	11	1.5	1	AENRTTEAK
1085	688.3100	2061.9082	2062.0807	-0.1725	2	11	1	1	ADALQAGASQFETSAAKLKR
428	389.1700	1164.4882	1164.7091	-0.2209	1	11	1.3	1	IHLSATRLVR
1081	688.2400	2061.6982	2061.9645	-0.2664	2	11	0.85	1	KEVAMTEHKMSVEEVCR
715	453.5300	1357.5682	1357.7466	-0.1784	2	11	1.4	1	FIAEVQKRDPR
948	558.2600	1671.7582	1671.8692	-0.1111	2	11	1.2	1	RSAPEDFLDKRPNK
155	433.3300	864.6454	864.4640	0.1815	1	11	1.2	1	GLNFMRK
815	739.8100	1477.6054	1477.8252	-0.2198	1	11	1.2	1	QLLLQEVENHKK
149	433.2700	864.5254	864.3946	0.1309	1	11	1.2	1	SCSPKMR
1064	673.5400	2017.5982	2017.8364	-0.2382	0	11	0.42	1	DTDLSLWMDMPETGAFR + Oxidation (M)
911	543.1800	1626.5182	1626.8478	-0.3296	0	11	1	1	ALQLNLWLENGNLSR
1068	675.9100	2024.7082	2024.9044	-0.1962	1	11	0.96	1	NTTTPPMCSQDAAGQR
77	416.7000	831.3854	831.4199	-0.0344	1	11	1.8	1	STEPRSR
1160	829.9500	2486.8282	2487.1819	-0.3537	0	11	0.46	1	GVDYHALLEAYGTTGFQATNFR
773	473.1400	1416.3982	1416.6919	-0.2937	0	11	1.3	1	EITVTLGADHMSK + Oxidation (M)
850	768.8700	1535.7254	1535.8494	-0.1239	1	11	1.3	1	LPTMSSRLVYTLR
907	539.3200	1614.9382	1614.9417	-0.0035	2	11	1.2	1	KVAIVGGSGSGKSTIVR
601	431.3100	1290.9082	1290.6204	0.2878	1	11	1.4	1	EGSRLWTEGEK
233	451.9500	901.8854	901.5233	0.3622	1	11	1.1	1	DALGKLSAK
588	430.9900	1289.9482	1289.6575	0.2907	1	11	1.3	1	KASQSSQLANEK
264	466.2100	930.4054	930.5498	-0.1443	2	11	1.8	1	AEAVKKSAAK
405	571.6700	1141.3254	1141.4743	-0.1489	1	11	1.5	1	GEKEMGNSMK + 2 Oxidation (M)
483	411.1100	1230.3082	1230.5663	-0.2581	0	11	1.3	1	ETSMVHELNR + Oxidation (M)
636	440.1200	1317.3382	1317.6275	-0.2893	0	11	1.3	1	QMYYLGSLEAK + Oxidation (M)
682	447.1600	1338.4582	1338.6099	-0.1517	2	11	1.1	1	GMGRGDGFDSRGK
590	431.1700	1290.4882	1290.5623	-0.0741	1	11	1.5	1	RQHMDTEGSSK + Oxidation (M)
738	688.2600	1374.5054	1374.7653	-0.2598	2	11	1.3	1	GKKTNIIDSMRLR
904	538.7300	1613.1682	1612.7986	0.3695	2	11	0.98	1	MAVSESQKLKMSK + Oxidation (M)
390	563.1600	1124.3054	1124.5648	-0.2594	1	11	1.4	1	IMAKFNTER + Oxidation (M)
442	394.2000	1179.5782	1179.6976	-0.1194	0	11	1.4	1	APVVAIAVLDR
859	517.3100	1548.9082	1548.7759	0.1323	1	11	1.5	1	GEKGFFPGFGLGQK
955	562.1700	1683.4882	1683.7861	-0.2980	1	11	0.88	1	FRVSMGGEWLCLR + Oxidation (M)
1059	666.3000	1995.8782	1995.9783	-0.1001	1	11	1.2	1	GTSSDVTRLDTLSQMEK + Oxidation (M)
1084	688.3000	2061.8782	2061.8394	0.0387	0	10	1.1	1	MQMLEDEDDLAYATEK + 2 Oxidation (M)

581	429.2200	1284.6382	1284.6422	-0.0040	1	10	1.3	1	NPKTDNLVNDR
595	431.2300	1290.6682	1290.6900	-0.0218	1	10	1.5	1	MLLRMSQALGR + Oxidation (M)
613	433.2800	1296.8182	1296.7037	0.1144	1	10	1.2	1	SNTEIVEHIKK
881	526.2300	1575.6682	1575.8257	-0.1575	1	10	1.3	1	KLPLADGSGPGPEPGGK
1031	621.2500	1860.7282	1860.8725	-0.1443	1	10	1.2	1	AGPYSMFCKLLNMWK + Oxidation (M)
828	754.4700	1506.9254	1506.7460	0.1794	2	10	1.5	1	KEMEVLGATRDSR + Oxidation (M)
783	476.1800	1425.5182	1425.6367	-0.1185	0	10	1.2	1	EEIMELMDSVSK + Oxidation (M)
370	548.6500	1095.2854	1095.5416	-0.2562	1	10	1.2	1	AMKQVAGTMK + 2 Oxidation (M)
455	396.9600	1187.8582	1187.5418	0.3163	0	10	1.6	1	ASSEAQPAQDGK
130	431.2100	860.4054	860.4790	-0.0735	0	10	2	1	MITAKPGK + Oxidation (M)
418	386.1700	1155.4882	1155.7227	-0.2345	1	10	1.4	1	KAVSLIVAVEK
602	431.3100	1290.9082	1290.6866	0.2215	0	10	1.5	1	LAAFLNSMRPR + Oxidation (M)
649	442.2300	1323.6682	1323.5951	0.0730	1	10	1.4	1	KGNQDYMPPMSPK
499	413.1900	1236.5482	1236.5470	0.0012	0	10	1.3	1	TLSTSDVEDR
1120	747.3200	2238.9382	2239.2437	-0.3055	1	10	1.3	1	RALAGLTPEVQVEGLLHPSPR
870	520.2100	1557.6082	1557.8185	-0.2103	0	10	1.5	1	VMPNAIVQSVGVSGGK + Oxidation (M)
202	445.3700	888.7254	888.4665	0.2590	1	10	2	1	DRATDLAK
452	593.6300	1185.2454	1185.5924	-0.3470	1	10	0.99	1	TRMQGLEAHK + Oxidation (M)
616	433.2900	1296.8482	1296.5802	0.2680	1	10	1.3	1	GKSESSVGMMER
46	411.3700	820.7254	820.4840	0.2414	2	10	1.7	1	KSKMIAK + Oxidation (M)
658	444.1300	1329.3682	1329.6459	-0.2777	2	10	1.5	1	ESKEMRAHQAK + Oxidation (M)
1080	686.2700	2055.7882	2055.9585	-0.1703	0	10	1.3	1	CWAEDPQERPPFQQIR
748	461.2100	1380.6082	1380.7249	-0.1167	2	10	1.4	1	KTSEEEYVIRK
1089	692.2400	2073.6982	2074.0556	-0.3574	2	10	1.1	1	GAATSAGYPGTQSSKGHTLR
728	457.1800	1368.5182	1368.6343	-0.1162	0	10	1.6	1	NAFEISGSMIER + Oxidation (M)
875	523.7200	1568.1382	1567.8279	0.3102	2	10	1.2	1	DYKTMALAKAIEK + Oxidation (M)
419	386.1900	1155.5482	1155.6612	-0.1130	0	10	1.5	1	TGLLIAAGGGAAK
959	564.2900	1689.8482	1689.8369	0.0112	2	10	1.5	1	RGMPYGGRGDPVSVSR
898	534.7100	1601.1082	1600.7766	0.3315	2	10	1.5	1	GTSKENAMKTYVEK + Oxidation (M)
238	453.5300	905.0454	905.4090	-0.3636	0	10	0.58	1	EETDGS LR
340	532.2300	1062.4454	1062.5743	-0.1289	0	10	1.8	1	SCILVSISGK
930	548.5200	1642.5382	1642.9042	-0.3660	2	10	1.4	1	YIPPKAKSHSSLSTK
190	443.6900	885.3654	885.5284	-0.1629	0	10	1.8	1	VLLSALDR
234	452.1600	902.3054	902.4570	-0.1515	1	10	2.1	1	RDNETLR
136	431.2700	860.5254	860.4352	0.0903	0	10	2.2	1	EAQLASSR
756	696.2800	1390.5454	1390.7932	-0.2478	0	10	1.6	1	LILSDELKPAHR
638	440.1800	1317.5182	1317.6962	-0.1780	0	10	1.9	1	MLIQLPSASQSK + Oxidation (M)
747	461.1600	1380.4582	1380.7249	-0.2667	0	10	1.5	1	EGPTPASPAQVLSK
753	692.3500	1382.6854	1382.6361	0.0494	0	10	1.3	1	HQEAEMAQNAVR
93	425.1300	848.2454	848.4902	-0.2447	2	10	2	1	KLMTKGR + Oxidation (M)
962	565.2000	1692.5782	1692.8287	-0.2505	2	10	1.4	1	EEAARMSVLKEQMR + Oxidation (M)
1157	821.5800	2461.7182	2462.0936	-0.3754	1	10	0.25	1	SLWEDWQYFARNCSVWGMK
557	427.1500	1278.4282	1278.6893	-0.2611	0	10	1.7	1	MELLAYLLGEK
600	431.2900	1290.8482	1290.6568	0.1914	0	10	1.8	1	GLPASINTAYER
509	415.2300	1242.6682	1242.7673	-0.0991	2	10	1.7	1	GHGHKRIVVLK
1079	685.9200	2054.7382	2054.9857	-0.2475	2	10	1.2	1	RFRDVLGHEQYPDHMR
429	583.2600	1164.5054	1164.6979	-0.1924	0	10	1.7	1	VNILVPGAGLGR
53	413.1800	824.3454	824.4136	-0.0681	0	10	1.4	1	MLMSSIK + Oxidation (M)
768	471.1500	1410.4282	1410.8017	-0.3735	0	10	1.6	1	ALMGSPQLVAAVVR
586	430.6200	1288.8382	1288.5572	0.2810	0	10	2	1	NSDGGFATYETK
180	441.1500	880.2854	880.5494	-0.2640	0	10	1.4	1	GVILLGGPR
680	447.1500	1338.4282	1338.7731	-0.3450	2	10	1.4	1	ISKGANPVEIRR
8	387.1300	772.2454	772.4191	-0.1737	0	10	2.5	1	VLNGSQR
958	563.7200	1688.1382	1687.8060	0.3322	1	10	1.4	1	APCSAGAAAASGSERVAR
865	519.0500	1554.1282	1553.7946	0.3336	0	10	1.2	1	LQLLGATCMFVASK + Oxidation (M)
765	469.1800	1404.5182	1404.6741	-0.1560	0	10	1.9	1	CSVGPMSSVVAPAK + Oxidation (M)
134	431.2400	860.4654	860.4868	-0.0214	1	10	2.4	1	KAPSGFVR
242	455.8200	909.6254	909.5284	0.0971	0	10	1.6	1	EVVSHVIK
874	523.2700	1566.7882	1566.7725	0.0157	1	10	1.7	1	AIASYISSHCRFR
652	443.0100	1326.0082	1325.7965	0.2116	2	10	1.4	1	VPTMKKPTLRR
630	438.7300	1313.1682	1313.5414	-0.3732	1	9	0.22	1	ECEMQTMGGKK + Oxidation (M)
927	548.1500	1641.4282	1641.8185	-0.3903	2	9	0.78	1	RGMEIFEKNFIDK + Oxidation (M)
414	577.6400	1153.2654	1153.5947	-0.3293	2	9	1.5	1	QLTKSMMRK + 2 Oxidation (M)
974	571.2500	1710.7282	1710.9451	-0.2169	2	9	1.6	1	QIATLHAQVTDMKKK
834	757.3800	1512.7454	1512.6953	0.0502	0	9	1.7	1	TGTLEFMAPEMVR + 2 Oxidation (M)
456	397.2000	1188.5782	1188.5671	0.0110	0	9	2	1	QYMALLCFK + Oxidation (M)
746	461.1500	1380.4282	1380.7257	-0.2976	1	9	1.6	1	IMSIPNLRYMK + Oxidation (M)
1137	767.7500	2300.2282	2300.0703	0.1579	1	9	1.4	1	KGEQGGPSPQACPSTAGEATSGVK



492	411.9600	1232.8582	1232.5520	0.3061	1	9	1.9	1	DAADGEAKAEK
847	511.2400	1530.6982	1530.6959	0.0022	0	9	1.6	1	MLSSVCVWSFSGR + Oxidation (M)
903	537.7800	1610.3182	1610.7172	-0.3991	1	9	0.28	1	ADSSRTNLFSEEAGAG
333	527.2200	1052.4254	1052.5753	-0.1499	0	9	1.8	1	SYSEILTLK
626	436.2700	1305.7882	1305.6677	0.1205	1	9	1.7	1	LQDLENQYRK
31	399.0900	796.1654	796.4119	-0.2465	0	9	1.5	1	EFAVFGK
450	592.7400	1183.4654	1183.6237	-0.1583	0	9	1.8	1	LQLASFQYSK
884	526.7700	1577.2882	1576.9453	0.3429	2	9	0.13	1	YGRKVLLYLSPR
487	411.1800	1230.5182	1230.5840	-0.0659	0	9	1.9	1	AVIESDQEQGR
777	474.2100	1419.6082	1419.6962	-0.0881	1	9	1.8	1	VHMASASSSLRMK + Oxidation (M)
1041	627.2100	1878.6082	1878.8894	-0.2812	1	9	1.4	1	YADRM_SANDAITTLHGK + Oxidation (M)
366	548.1500	1094.2854	1094.5464	-0.2609	1	9	1.6	1	QMLVDMAKK + 2 Oxidation (M)
576	429.1700	1284.4882	1284.7401	-0.2520	0	9	1.8	1	AVGTQALSGAGLLK
795	484.7800	1451.3182	1451.6827	-0.3645	0	9	0.6	1	VMLPPGAQHSDEK + Oxidation (M)
800	730.2600	1458.5054	1458.8089	-0.3035	2	9	1.9	1	KLCRGVSGLNSLR
282	478.1900	954.3654	954.4514	-0.0860	1	9	1.8	1	TTEAKMMK + Oxidation (M)
625	436.0200	1305.0382	1304.7088	0.3293	1	9	1.3	1	EAVEAVVRSFAK
7	387.1300	772.2454	772.4443	-0.1988	1	9	2.8	1	NVVKGEK
611	433.2700	1296.7882	1296.6860	0.1022	1	9	1.6	1	DVKGQIGAPMPGK
596	431.2400	1290.6982	1290.7329	-0.0348	2	9	2	1	MTISKSEVLKR
880	525.2200	1572.6382	1572.8637	-0.2255	2	9	2	1	ASPRPVYTWKGR
1108	730.2600	2187.7582	2188.1344	-0.3762	1	9	1.2	1	MSTPSPQLLVAAAQRTTLGMGK + 2 Oxidation (M)
549	631.7100	1261.4054	1261.6740	-0.2686	0	9	2.1	1	TMALYNPIPVK + Oxidation (M)
648	442.1500	1323.4282	1323.6306	-0.2025	0	9	1.7	1	ETQSQYQALEK
1124	749.3600	2245.0582	2245.1590	-0.1009	0	9	1.5	1	VPATGSAHVSEISVTLFSGSTAK
915	545.2700	1632.7882	1632.7851	0.0031	0	9	1.9	1	IMGIPEDQMGLLR + 2 Oxidation (M)
1082	688.2500	2061.7282	2061.9889	-0.2607	0	9	1.4	1	VGDSQNPLSLSDGDLSTMIGK + Oxidation (M)
84	417.2400	832.4654	832.4728	-0.0074	0	9	2.3	1	IMVDIVK + Oxidation (M)
63	415.2400	828.4654	828.4202	0.0453	1	9	2.7	1	ARGESPGR
932	548.6500	1642.9282	1642.8315	0.0967	1	9	1.9	1	TYIIGELHPDDRSK
805	490.1800	1467.5182	1467.6810	-0.1628	2	9	1.7	1	KNVEAMSGMEGRK + 2 Oxidation (M)
639	440.1900	1317.5482	1317.6565	-0.1083	0	9	2.3	1	LGGPVDALAEYR
830	504.2500	1509.7282	1509.7899	-0.0617	2	9	2.1	1	EKEKAHSEVAQVR
569	428.8700	1283.5882	1283.6510	-0.0628	1	9	1.9	1	QYQLSKNFEK
354	541.3800	1080.7454	1080.5637	0.1817	0	9	1.9	1	DMALYSLLR
88	420.2000	838.3854	838.4912	-0.1058	0	9	1.7	1	APKPDALK
964	566.5800	1696.7182	1696.8744	-0.1562	1	9	1.9	1	LQQKEEATAAPDLAGR
558	427.1800	1278.5182	1278.7156	-0.1974	2	9	2	1	ERLAARLEGHK
598	431.2700	1290.7882	1290.6568	0.1314	0	9	2.1	1	GLPASINTAYER
262	465.6900	929.3654	929.5447	-0.1792	1	9	2.4	1	LRTNWK
861	518.2300	1551.6682	1551.8443	-0.1761	0	9	2.1	1	NLGLLVHLMTSNPK + Oxidation (M)
459	398.1300	1191.3682	1191.5805	-0.2123	0	9	2	1	DIGNIISDAMK + Oxidation (M)
1023	912.3700	1822.7254	1822.7832	-0.0577	1	9	1.8	1	EDKDAQFYCELSYR
743	460.2000	1377.5782	1377.6962	-0.1180	0	9	2	1	INNLMPAYEVAK + Oxidation (M)
1092	700.7300	2099.1682	2099.0180	0.1502	2	9	1.8	1	NKDYMSIIRMWLGDDVK + Oxidation (M)
844	509.9300	1526.7682	1526.7453	0.0229	0	9	1.9	1	AFSPMQTHGPWIR
248	458.2900	914.5654	914.5185	0.0469	0	9	2.5	1	SVLAEEAVR
542	627.8400	1253.6654	1253.5524	0.1130	0	9	1.8	1	DSSNVEEAFTR
582	429.2300	1284.6682	1284.6350	0.0332	0	9	2	1	VDESLSFSYGLR
376	553.2500	1104.4854	1104.5816	-0.0961	0	9	2.3	1	FGDDVVVLVGK
609	433.2300	1296.6682	1296.6860	-0.0178	1	9	1.7	1	DVKGQIGAPMPGK
183	442.1500	882.2854	882.5399	-0.2545	1	9	1.6	1	LRSPALAR
209	447.1500	892.2854	892.4403	-0.1548	1	9	2.4	1	DFGEAAKR
537	417.2400	1248.6982	1248.6424	0.0558	0	9	2.2	1	DLIDVMTLWK + Oxidation (M)
647	441.2100	1320.6082	1320.5840	0.0241	1	9	1.9	1	SQGCSREASPSR
132	431.2300	860.4454	860.4062	0.0393	0	9	2.9	1	MPTLEDR
150	433.2800	864.5454	864.4090	0.1365	0	9	2	1	ATQDFQR
669	445.2500	1332.7282	1332.7653	-0.0371	1	9	2.2	1	FTEVLKTNGLLV
156	434.2300	866.4454	866.4610	-0.0156	0	9	1.7	1	NQPLNPGK
525	415.6900	1244.0482	1243.7136	0.3346	2	9	1.3	1	GKENSKEVLK
36	400.0200	798.0254	798.4236	-0.3981	0	9	0.96	1	DADPILR
200	445.2300	888.4454	888.5280	-0.0826	1	9	2.8	1	VSKLVTDK
279	475.2000	948.3854	948.4593	-0.0738	0	9	2.2	1	TYDYLFK
505	415.1500	1242.4282	1242.7183	-0.2902	2	9	2.2	1	SKIIVDSPELKL
713	453.2400	1356.6982	1356.6820	0.0162	0	9	2.2	1	QNTHGIQMTSIK
210	447.1500	892.2854	892.4767	-0.1912	1	9	2.5	1	RDLFGTGK
659	444.1600	1329.4582	1329.6387	-0.1805	1	9	2.3	1	NFIAMGKNYEK + Oxidation (M)
910	541.3800	1621.1182	1620.8583	0.2599	1	9	1.9	1	EKQQHIEQLLAER

327	523.2700	1044.5254	1044.5426	-0.0172	0	9	2.7	1	TLAGCWPLK
303	509.2000	1016.3854	1016.5251	-0.1396	0	9	2.7	1	SALEVGAQSR
660	444.2000	1329.5782	1329.7339	-0.1558	2	9	2.3	1	DVFLMIRRHK + Oxidation (M)
538	417.3100	1248.9082	1248.6761	0.2321	2	9	2.3	1	LNPYAKTMRR
674	668.7900	1335.5654	1335.6670	-0.1016	1	9	2.2	1	TNDEIKFLNDK
701	673.7300	1345.4454	1345.6626	-0.2172	0	9	2.6	1	SYVAGASAAPAEPR
1097	708.2700	2121.7882	2122.0412	-0.2530	2	9	1.6	1	IQARNSKGMGPMSAVQFR + Oxidation (M)
1132	757.3800	2269.1182	2269.2399	-0.1217	2	9	1.7	1	VGDLRKSIIISATIHMQVVR + Oxidation (M)
20	394.2400	786.4654	786.4963	-0.0309	0	8	3	1	IVSSILR
139	431.3100	860.6054	860.4352	0.1703	2	8	3.1	1	ADDKERK
201	445.2500	888.4854	888.5029	-0.0174	0	8	2.9	1	SAVSASLR
867	519.2100	1554.6082	1554.8154	-0.2072	0	8	2	1	NQIALWDQLLEGR
470	401.2200	1200.6382	1200.6186	0.0196	0	8	2.4	1	LLHHLGCHSK
690	670.6900	1339.3654	1339.5310	-0.1656	0	8	1.8	1	NQSENSMDSQ GK + Oxidation (M)
970	569.7000	1706.0782	1705.8643	0.2138	2	8	1.9	1	AVEEKFRALCQPMK
1099	713.6300	2137.8682	2138.1372	-0.2690	1	8	1.9	1	QNGRDLDPYPVSVLLLPDK
561	427.2800	1278.8182	1278.6469	0.1713	2	8	2.3	1	FNAENSWKKR
803	489.1600	1464.4582	1464.5852	-0.1270	0	8	2.2	1	SDDEGDENLQDTK
297	504.2500	1006.4854	1006.5924	-0.1069	1	8	2.4	1	RFTLTTLR
504	414.9800	1241.9182	1241.6802	0.2380	1	8	2.3	1	HVLATLGEEKM + Oxidation (M)
574	429.1500	1284.4282	1284.6860	-0.2578	0	8	2.2	1	DPMKPSQILTR
1015	605.1800	1812.5182	1812.9053	-0.3871	2	8	0.98	1	IFHPECGAKAVSGRER
633	439.2900	1314.8482	1314.6134	0.2347	1	8	2.3	1	MLKCVPTYK + Oxidation (M)
941	829.9500	1657.8854	1657.8821	0.0033	2	8	2.2	1	TTLMTKLQGAEHGKK + Oxidation (M)
353	540.7700	1079.5254	1079.5355	-0.0100	0	8	2.3	1	AAEMMASLLK + Oxidation (M)
382	561.2100	1120.4054	1120.6022	-0.1968	2	8	2.5	1	MKLKSNQTR + Oxidation (M)
191	444.1300	886.2454	886.5058	-0.2604	1	8	3.2	1	MPLGLRGK + Oxidation (M)
143	432.1800	862.3454	862.4912	-0.1458	0	8	3	1	IIQFASGK
443	394.2400	1179.6982	1179.6108	0.0873	1	8	2.3	1	RAAAGPEGAPGAR
356	543.7300	1085.4454	1085.5981	-0.1527	2	8	2.5	1	ELRFHKEK
714	453.3300	1356.9682	1356.7873	0.1809	1	8	2.3	1	IILKIPLCEMK
417	385.5100	1153.5082	1153.5476	-0.0394	1	8	2.4	1	EEAELRDHR
646	441.1700	1320.4882	1320.7435	-0.2554	2	8	2.1	1	RTKGTVTLMVLS + Oxidation (M)
285	484.1900	966.3654	966.4627	-0.0972	0	8	2.1	1	TLAMTMQR + Oxidation (M)
872	522.1900	1563.5482	1563.8344	-0.2862	1	8	2	1	GFRLLLASPGACFR
628	438.2400	1311.6982	1311.7775	-0.0794	1	8	2.2	1	LTHLGRIFTVR
885	527.2200	1578.6382	1578.8664	-0.2283	0	8	2.4	1	MGHRPVLVLSQNTK
565	428.2000	1281.5782	1281.5594	0.0188	1	8	2.2	1	MARFGDEMPGR + Oxidation (M)
605	432.1800	1293.5182	1293.6789	-0.1608	1	8	2.6	1	DLRLHDANVVK
737	688.2500	1374.4854	1374.6310	-0.1455	1	8	2.2	1	MSPAAAAADGGERR + Oxidation (M)
888	527.2600	1578.7582	1578.7283	0.0299	0	8	2.4	1	AMAYLESINCVHR + Oxidation (M)
918	819.3200	1636.6254	1636.7185	-0.0930	1	8	2.3	1	LGREEPAMSDANGK + 2 Oxidation (M)
153	433.2800	864.5454	864.4123	0.1331	1	8	2.3	1	QSMSEKR
208	447.1500	892.2854	892.5130	-0.2276	1	8	2.8	1	LYSLGKGR
328	523.7200	1045.4254	1045.5768	-0.1513	1	8	3	1	SILAGDKTNK
359	545.2700	1088.5254	1088.5938	-0.0683	1	8	2.7	1	SSITQIERR
420	387.1300	1158.3682	1158.5741	-0.2060	2	8	2.7	1	DGTPRDGARSK
571	429.0000	1283.9782	1283.7020	0.2762	2	8	2	1	RLDGSPMPGKVK
1050	634.3000	1899.8782	1899.9248	-0.0466	1	8	2.1	1	TVVTVRDGMSVYDSL DK + Oxidation (M)
754	462.2000	1383.5782	1383.7358	-0.1576	0	8	2.5	1	VLEKPDGSLSSR
894	532.2300	1593.6682	1593.7205	-0.0523	1	8	2.2	1	YMETLRTENEHR + Oxidation (M)
640	440.2000	1317.5782	1317.5329	0.0453	1	8	2.9	1	DEDMYNTMRK + Oxidation (M)
943	554.2400	1659.6982	1659.8436	-0.1455	2	8	2.3	1	MVCEQRLLKGEGPK + Oxidation (M)
411	385.1900	1152.5482	1152.5815	-0.0334	0	8	2.5	1	TGPQPVTTYK
691	448.2400	1341.6982	1341.6486	0.0496	0	8	2.8	1	MSEGSYDIALIK + Oxidation (M)
567	428.7000	1283.0782	1282.7146	0.3636	0	8	1	1	VVLFSKPGHSGR
260	464.1300	926.2454	926.5913	-0.3458	1	8	2.4	1	NVLLKNVK
1190	1009.8200	3026.4382	3026.4008	0.0374	2	8	1.5	1	HQIQSYTCEIDALKGTNDLSLMRQMR + 2 Oxidation (M)
308	511.5700	1021.1254	1021.5192	-0.3938	1	8	1.3	1	QLEDFRSK
1028	616.7500	1847.2282	1846.9645	0.2637	1	8	1.8	1	KILCVDQVEMQSLIR + Oxidation (M)
497	413.1800	1236.5182	1236.6067	-0.0885	2	8	2.2	1	ARALCTDMKR + Oxidation (M)
240	454.1700	906.3254	906.4923	-0.1668	1	8	3.1	1	IQSEFRK
578	429.1800	1284.5182	1284.5227	-0.0045	0	8	2.4	1	CSCQSPAGFSGK
725	455.8200	1364.4382	1364.7135	-0.2754	1	8	2.5	1	KVACIGAWHPAR
335	527.2600	1052.5054	1052.5363	-0.0308	2	8	2.5	1	YSRSDAAKR
644	441.1500	1320.4282	1320.7111	-0.2830	1	8	2.2	1	EVMIVQKFAEK
866	519.1500	1554.4282	1554.8089	-0.3808	1	8	1.6	1	QGFPKQGVLTGHR
68	415.2600	828.5054	828.4341	0.0714	1	8	3.5	1	APEDKAAK



995	587.2400	1758.6982	1758.9662	-0.2680	2	8	2.3	1	MLVAVKALKETSENAR
516	415.2700	1242.7882	1242.6932	0.0950	1	8	2.6	1	DKNTNQIVAIK
592	431.2100	1290.6082	1290.6819	-0.0738	0	8	2.7	1	LSTALPEIEYR
556	425.6700	1273.9882	1273.6091	0.3790	0	8	2.4	1	VEGQWQWVDK
635	439.7100	1316.1082	1315.7136	0.3946	1	8	1	1	YRSSIVLTSYK
860	517.7000	1550.0782	1549.8724	0.2058	2	8	2.3	1	ENLMALKKFVMVK
25	395.2200	788.4254	788.4181	0.0074	0	8	4.1	1	QPGVFNK
547	631.2000	1260.3854	1260.6748	-0.2893	1	8	2.9	1	SGLLCVDKIEK
41	411.1100	820.2054	820.4807	-0.2752	0	8	2.9	1	ILIGYSR
963	566.3200	1695.9382	1695.7167	0.2214	0	8	2.2	1	ECVNCGAMSTPLWR + Oxidation (M)
1136	763.7200	2288.1382	2288.1107	0.0275	1	8	1.8	1	QQYPETKALCPPAESQLSNK
254	461.1600	920.3054	920.4862	-0.1807	1	8	3.3	1	TRLMSASR
377	553.2500	1104.4854	1104.5524	-0.0669	1	8	2.8	1	RSSVEVGDR
220	448.2400	894.4654	894.3944	0.0711	0	8	2.3	1	DEPQGGHR
869	520.1500	1557.4282	1557.7787	-0.3506	0	8	1.7	1	GEGPAIPGDTPPPTPR
351	539.3200	1076.6254	1076.5284	0.0971	1	8	3	1	LEEAMANKR + Oxidation (M)
432	584.4600	1166.9054	1166.6448	0.2607	0	8	2.1	1	SIIFANYIAR
641	440.6900	1319.0482	1318.6663	0.3818	1	8	1.7	1	DIGRTVTIECR
734	458.2900	1371.8482	1371.8020	0.0462	2	8	2.7	1	MAELRALVAVKR + Oxidation (M)
670	445.3700	1333.0882	1332.7952	0.2930	1	8	1.4	1	LLFMKRPSVVK + Oxidation (M)
232	451.2500	900.4854	900.4487	0.0367	0	8	3.7	1	GPCAIVER
862	518.2500	1551.7282	1551.6844	0.0438	1	8	2.8	1	ADPAECSIKVMCR + Oxidation (M)
554	425.1100	1272.3082	1272.5961	-0.2879	0	8	2.5	1	LPSAYSFWMR + Oxidation (M)
745	461.1400	1380.3982	1380.7257	-0.3276	1	8	2.3	1	IMSIPNLRYMK + Oxidation (M)
597	431.2500	1290.7282	1290.5914	0.1368	1	8	2.9	1	EMSVYEAYRK + Oxidation (M)
823	499.8900	1496.6482	1496.8535	-0.2053	2	8	2.6	1	ELQGIRQALSRAR
501	414.2300	1239.6682	1239.7411	-0.0730	2	8	2.5	1	ARSRIPGSVGLK
58	415.1500	828.2854	828.4705	-0.1851	0	7	3.8	1	VVAANDLK
379	554.2400	1106.4654	1106.5356	-0.0702	0	7	2.9	1	ENVFPGSTTR
607	433.1400	1296.3982	1296.6318	-0.2337	1	7	2.3	1	MRTGYLPANMK + Oxidation (M)
62	415.2300	828.4454	828.4817	-0.0363	1	7	3.9	1	KRPTAEK
771	472.2600	1413.7582	1413.7940	-0.0358	0	7	3.1	1	GLTTRPGSGLTNIK
440	589.7700	1177.5254	1177.5074	0.0181	0	7	3.2	1	TSTADYAMFR + Oxidation (M)
49	412.1600	822.3054	822.4096	-0.1042	1	7	2.6	1	ASNRGYR
758	465.6900	1394.0482	1393.6660	0.3822	0	7	2.1	1	SSTGSMNISVPHK
493	412.1600	1233.4582	1233.6540	-0.1958	1	7	3.2	1	HLSSVYLKCK
519	622.4100	1242.8054	1242.6792	0.1262	2	7	2.9	1	ATGAAAAEAKARR
816	740.3000	1478.5854	1478.7664	-0.1809	2	7	2.7	1	LSFDKIDAMVARAR
164	436.2700	870.5254	870.3761	0.1493	1	7	3.2	1	KMGNNMK + 2 Oxidation (M)
951	561.2500	1680.7282	1680.8107	-0.0826	1	7	2.7	1	KFIYSVSDDASHQ GK
124	430.6200	859.2254	859.4949	-0.2695	2	7	4	1	KATKGPMK
1107	729.7500	2186.2282	2185.9263	0.3019	0	7	2.5	1	MSDFDSNPFADPDLNPNPK + Oxidation (M)
584	429.2700	1284.7882	1284.7401	0.0480	1	7	2.8	1	VLKDAVNNITAK
199	445.1800	888.3454	888.3937	-0.0483	0	7	3.9	1	GDSGQPSNK
506	415.1600	1242.4582	1242.7659	-0.3078	2	7	3	1	VTAGKKPSSIKK
269	471.2100	940.4054	940.5705	-0.1651	2	7	2.8	1	KKTPAAPTK
512	415.2500	1242.7282	1242.7044	0.0238	1	7	3	1	IGASTQAAQRLK
787	717.2600	1432.5054	1432.7020	-0.1966	0	7	3	1	MSELFFLSPEGAR
905	538.7600	1613.2582	1612.9049	0.3533	2	7	0.88	1	IAQESKNIWKLQR
934	548.7900	1643.3482	1642.9519	0.3963	1	7	0.43	1	IATRGVVQLFNAVQK
784	476.1900	1425.5482	1425.6810	-0.1328	0	7	2.5	1	SPFETDMLTLTR + Oxidation (M)
272	473.1400	944.2654	944.4862	-0.2207	1	7	3.8	1	MPVRAEAR + Oxidation (M)
498	413.1800	1236.5182	1236.5769	-0.0587	0	7	2.6	1	MASVTDGNTGIR + Oxidation (M)
1109	734.2800	2199.8182	2200.1335	-0.3153	2	7	2.2	1	NARGDEKENITAELELSLK
3	385.2500	768.4854	768.3878	0.0976	0	7	2.3	1	IHQDTR
148	433.2500	864.4854	864.4011	0.0843	0	7	2.9	1	ATAVCSEK
939	553.2500	1656.7282	1656.9345	-0.2063	2	7	2.9	1	MAPKVTSSELLRQLR + Oxidation (M)
1151	801.3000	2400.8782	2401.2536	-0.3754	2	7	1.7	1	MLRGRSLSVTSLGGLPAWEAR + Oxidation (M)
280	476.1800	950.3454	950.4570	-0.1115	1	7	3.1	1	RDYQDVR
167	438.2500	874.4854	874.4760	0.0095	2	7	4.1	1	KDKVEEK
887	527.2600	1578.7582	1578.8076	-0.0494	1	7	3	1	LSFNVELGKMSPNK + Oxidation (M)
811	738.2700	1474.5254	1474.7668	-0.2413	0	7	2.7	1	DGESGGLNLFPVK
678	447.1500	1338.4282	1338.8023	-0.3742	1	7	2.4	1	TLNPVLVKAANK
1158	822.3600	2464.0582	2464.2971	-0.2389	1	7	2.2	1	FMALICEASGGGAFLVPLPGKTGR
1	385.1900	768.3654	768.4017	-0.0363	0	7	2.4	1	DAPLPEK
936	824.1400	1646.2654	1645.8709	0.3946	2	7	0.99	1	NKDINKAILEDVVK + Oxidation (M)
1164	849.4200	2545.2382	2545.3248	-0.0867	1	7	2.3	1	TLVNASSRVSTLLAEHGSLGSGAYR
407	573.1800	1144.3454	1144.6101	-0.2647	1	7	3.3	1	GARYQPGAGLR

656	443.1800	1326.5182	1326.7507	-0.2325	0	7	2.9	1	VLQNLLTIEER
856	516.2200	1545.6382	1545.7755	-0.1374	1	7	3.3	1	RMQDLNLAMDALR
401	569.7000	1137.3854	1137.4972	-0.1117	1	7	2.9	1	RIAEESEASM + Oxidation (M)
45	411.3300	820.6454	820.4443	0.2011	0	7	3.5	1	DGTFLIR
177	441.1200	880.2254	880.4477	-0.2222	1	7	2.6	1	KSMFPQK + Oxidation (M)
251	460.2000	918.3854	918.4269	-0.0415	0	7	4	1	YGPQPMGPK + Oxidation (M)
392	564.2900	1126.5654	1126.6234	-0.0579	0	7	3.2	1	LIEQPELASK
799	729.7500	1457.4854	1457.7977	-0.3123	1	7	3.1	1	LAEVKDSLDIEVK
1155	821.3500	2461.0282	2461.1795	-0.1513	1	7	2.3	1	VRFYEGSELVADSGVTIDTTMR + Oxidation (M)
1153	819.3200	2454.9382	2455.1637	-0.2256	2	7	1.9	1	AAVRFGMFELSNHMRDAQGR + Oxidation (M)
533	417.1600	1248.4582	1248.5155	-0.0573	0	7	3.4	1	TDYTPFSCMK
541	627.3000	1252.5854	1252.5904	-0.0049	0	7	2.8	1	NMAVGITSMASR + Oxidation (M)
642	441.1200	1320.3382	1320.6673	-0.3292	0	7	2.3	1	QLAAETGELAYR
973	570.8600	1709.5582	1709.8809	-0.3227	1	7	2.5	1	RGTEHSGSTVPSILNR
334	527.2200	1052.4254	1052.4444	-0.0190	0	7	3.2	1	AEESLSDMR + Oxidation (M)
268	471.1500	940.2854	940.5416	-0.2561	1	7	3	1	LPDMKLPK
1013	600.2400	1797.6982	1797.9108	-0.2127	1	7	2.6	1	DLAEKNVTNTPIDPSGK
629	438.2500	1311.7282	1311.6315	0.0967	0	7	2.9	1	NQAPMLMGPPPK + 2 Oxidation (M)
330	526.2300	1050.4454	1050.5386	-0.0931	0	7	3.1	1	ESIWEFIK
1047	631.2000	1890.5782	1890.8806	-0.3025	0	7	1.9	1	QAAETGNSPISSTTAEAK
1087	689.6300	2065.8682	2065.9482	-0.0801	1	7	2.4	1	MCRDEPDTMILTQIEAK + Oxidation (M)
141	431.7300	861.4454	861.4378	0.0076	0	7	4.2	1	VSADAMLR
1130	756.2800	2265.8182	2266.1454	-0.3273	2	7	1.9	1	FRQLSILVHPDKNQDDADR
1022	608.4900	1822.4482	1822.8382	-0.3901	0	7	0.62	1	VSAEVMWHLFAQDMK + 2 Oxidation (M)
11	387.7200	773.4254	773.4032	0.0223	0	7	4.7	1	QQGSGGLK
65	415.2500	828.4854	828.4818	0.0037	0	7	4.5	1	QSGSVILR
129	431.1700	860.3254	860.4352	-0.1097	0	7	4.5	1	QGESATLR
606	432.1800	1293.5182	1293.6533	-0.1351	2	7	3.5	1	QCLEMTTKRK
261	465.5700	929.1254	929.4818	-0.3563	0	7	2.5	1	QQEVIADK
188	443.1600	884.3054	884.3732	-0.0677	1	7	3.2	1	MGSKSNVM + 2 Oxidation (M)
1135	760.3800	2278.1182	2278.0900	0.0282	1	7	2.7	1	GASDQEPGAKEPMAEVTPPPVR + Oxidation (M)
425	387.7400	1160.1982	1160.5978	-0.3997	0	7	1.7	1	WTAPEAIAFR
348	537.7800	1073.5454	1073.5287	0.0167	1	7	3.5	1	GTANARMPEK
1106	727.3000	2178.8782	2179.0853	-0.2071	1	7	2.8	1	AMVQLIRYMHTYCLPQR
989	582.2600	1743.7582	1743.9916	-0.2335	2	7	3.3	1	ALSLEMIQLKEKVAR + Oxidation (M)
73	415.2900	828.5654	828.3589	0.2066	0	7	4.6	1	QMNWPPG
700	673.5400	1345.0654	1344.8163	0.2492	1	7	2.6	1	LARILLMASTLK + Oxidation (M)
1062	668.7900	2003.3482	2003.0179	0.3302	1	7	2.2	1	MVNLTELELIRCDLER
96	427.1800	852.3454	852.4566	-0.1111	0	7	2.9	1	NHGILSGR
120	429.2300	856.4454	856.5382	-0.0927	1	7	3.8	1	GEIIKLGK
580	429.2200	1284.6382	1284.5921	0.0461	0	7	3.2	1	HGEPAPYLCNK
789	481.2200	1440.6382	1440.8816	-0.2435	2	7	3.2	1	SIKIAWALNKGIK
523	622.7700	1243.5254	1243.6271	-0.1016	0	7	3.8	1	GWPLELICEK
1102	719.1300	2154.3682	2154.1031	0.2651	2	7	2.4	1	MSDQIKFIVDSLNEKPEFK + Oxidation (M)
655	443.1600	1326.4582	1326.6853	-0.2271	0	7	3.2	1	EMIENVTAVPPK
744	460.2000	1377.5782	1377.5757	0.0025	2	7	3.4	1	DDDSRKDEAGR
759	465.8800	1394.6182	1394.7816	-0.1635	1	7	3.2	1	CGPRLLGLLSGPR
1141	771.3600	2311.0582	2311.2028	-0.1446	1	7	2.6	1	AGLNCSTETMPIKINLIAPPR + Oxidation (M)
221	448.5700	895.1254	895.4916	-0.3661	0	7	2.6	1	WLEHIK
893	532.2300	1593.6682	1593.7061	-0.0380	0	7	3.1	1	MSNMGTLNSSLMLHR + Oxidation (M)
1069	679.1100	2034.3082	2034.0067	0.3015	1	7	2.6	1	DMKAFGVHVSCIEPGLFK
518	415.2700	1242.7882	1242.6292	0.1590	1	7	3.5	1	GHPDLRVMYR
583	429.2600	1284.7582	1284.7224	0.0358	1	7	3.3	1	LPGDKGLVMSR
791	722.2700	1442.5254	1442.7306	-0.2052	1	7	3	1	YLRYNSNWISK
1165	853.5100	2557.5082	2557.2013	0.3069	1	7	2.3	1	MERAPPDGLMNASGTLAGEAAAAGGAR + Oxidation (M)
461	399.0900	1194.2482	1194.6105	-0.3623	0	7	2.2	1	RPPQAAPESSR
513	415.2600	1242.7582	1242.6792	0.0789	2	7	3.6	1	ATGAAAAEAKARR
627	437.3200	1308.9382	1308.6608	0.2773	0	7	3.3	1	ICPENHSALLR
532	417.1400	1248.3982	1248.6318	-0.2336	1	7	3.8	1	EMIKAGMNIAR + Oxidation (M)
708	451.9500	1352.8282	1352.7598	0.0683	0	6	3.3	1	VVGALHQIITMR + Oxidation (M)
1083	688.2600	2061.7582	2061.8255	-0.0674	0	6	2.6	1	VESEDQESDFLSCMSR + Oxidation (M)
365	548.0600	1094.1054	1094.4662	-0.3608	0	6	0.7	1	EMASASSGPSR + Oxidation (M)
237	453.3300	904.6454	904.4766	0.1688	1	6	4.9	1	LNDRYPK
990	583.2600	1746.7582	1746.8624	-0.1042	2	6	3.4	1	ERVWNHLSYMKER
422	387.1700	1158.4882	1158.5856	-0.0974	0	6	3.9	1	LDCFIHQVK
1181	924.6000	2770.7782	2770.3935	0.3847	2	6	1.5	1	VVVFVDMGHSSFQVSACAFNKGKLGK + Oxidation (M)
223	449.1900	896.3654	896.5443	-0.1789	0	6	2.9	1	ALTGPGLIR
468	600.2400	1198.4654	1198.7258	-0.2604	2	6	3.7	1	SRRPSRLTVK

687	447.2700	1338.7882	1338.8235	-0.0353	1	6	2.9	1	IAIKDILAQVQK
769	471.2100	1410.6082	1410.8082	-0.2000	1	6	3.8	1	EVVNKLIPDSIGK
871	520.2600	1557.7582	1557.8111	-0.0529	2	6	3.6	1	QSHPKKLSTSSSSGK
1179	911.3500	2731.0282	2731.2986	-0.2704	0	6	1.8	1	GQLEGNLGPETPLAMDHFFPYMALSK + Oxidation (M)
793	484.1800	1449.5182	1449.6266	-0.1085	1	6	3.5	1	ADGTQETNNGCRK
491	616.7500	1231.4854	1231.7037	-0.2182	1	6	4.1	1	AIGEGRVVYIR
559	427.2600	1278.7582	1278.6469	0.1113	2	6	3.7	1	FNAENSWKKR
391	563.7200	1125.4254	1125.5124	-0.0870	1	6	3.4	1	SYHETSKMK + Oxidation (M)
1010	598.5900	1792.7482	1792.9373	-0.1891	2	6	3.4	1	FLRARDFDLDLAWR
637	440.1500	1317.4282	1317.7187	-0.2905	2	6	4.3	1	KCSASNRIIAAK
195	445.1000	888.1854	888.5215	-0.3361	1	6	4.8	1	KIVQVMR + Oxidation (M)
427	388.6900	1163.0482	1162.6710	0.3772	1	6	0.77	1	RLITEYIQK
1016	605.2400	1812.6982	1812.9300	-0.2318	1	6	3.1	1	LQLLGATCMFVASKMK + Oxidation (M)
421	387.1300	1158.3682	1158.5955	-0.2273	0	6	4.1	1	QVPVDVVEMK + Oxidation (M)
732	457.8100	1370.4082	1370.7154	-0.3072	1	6	3.4	1	VGNEVATGTGPNKK
790	722.2100	1442.4054	1442.7306	-0.3252	1	6	2.6	1	YLNRNSNWISK
495	619.2300	1236.4454	1236.5519	-0.1064	0	6	3.2	1	YALSFMTCTK + Oxidation (M)
650	442.3400	1323.9982	1323.7034	0.2948	0	6	3	1	EVTEPLNLNPAK
774	473.1500	1416.4282	1416.6932	-0.2650	0	6	4	1	DPYGNRPLCIGR
665	445.1400	1332.3982	1332.6708	-0.2726	0	6	3.9	1	VMTASVSSSPVPR + Oxidation (M)
56	414.2300	826.4454	826.5388	-0.0934	2	6	3.7	1	VKSPKLR
531	417.1200	1248.3382	1248.6826	-0.3444	2	6	3.9	1	FKEKTAEQLR
1005	593.6300	1777.8682	1777.8280	0.0402	0	6	3.7	1	FYGLYCMQSGGINIR
604	431.9300	1292.7682	1292.6183	0.1499	0	6	4	1	MNGPAGLAYLDR + Oxidation (M)
704	449.8300	1346.4682	1346.7347	-0.2665	0	6	3.7	1	FFNPSIPSLGLR
966	566.8500	1697.5282	1697.7865	-0.2583	1	6	2.7	1	EPGIARCAGPEMEGK
809	492.2600	1473.7582	1473.7470	0.0111	2	6	3.7	1	DRRTCALQEGLR
413	385.2500	1152.7282	1152.6213	0.1069	1	6	3.9	1	ITKMDFTLGK
111	429.1100	856.2054	856.4290	-0.2236	0	6	4.3	1	LPSPNDSK
1054	658.7800	1973.3182	1973.1925	0.1257	2	6	2.6	1	VVTLGLDGAGKTTILFKLK
24	395.2000	788.3854	788.4392	-0.0537	1	6	6.2	1	QSKVEAK
256	461.2900	920.5654	920.4716	0.0939	0	6	4.9	1	VLFNDTGR
1048	631.3300	1890.9682	1890.9053	0.0628	1	6	3.3	1	RPLHEAASMGHRDCVR
426	582.2600	1162.5054	1162.5726	-0.0671	1	6	3.7	1	MEPSKMAPLK + 2 Oxidation (M)
97	427.2600	852.5054	852.3613	0.1441	0	6	3.4	1	ENYDNAK
172	440.1500	878.2854	878.4246	-0.1392	0	6	4.4	1	QAFQETR
1121	747.3600	2239.0582	2239.1379	-0.0797	2	6	3.4	1	LKCSPETQGHASSAEKLQR
1163	836.3800	2506.1182	2506.2490	-0.1308	2	6	2.6	1	MCLVEIEKAPKVVAACAMPVVK + 2 Oxidation (M)
185	442.3400	882.6654	882.4494	0.2160	0	6	3.1	1	ILCAHGGR
666	445.1600	1332.4582	1332.6271	-0.1690	0	6	4.2	1	VMSYFTEAELK + Oxidation (M)
434	391.2100	1170.6082	1170.7125	-0.1043	1	6	4.6	1	ILKGSILGGWK
750	461.7000	1382.0782	1381.6949	0.3832	2	6	2.3	1	EAKHIAEDADRK
1072	680.2800	2037.8182	2037.9830	-0.1648	1	6	3.2	1	NYVDWILKTMQENSGPK + Oxidation (M)
72	415.2900	828.5654	828.4818	0.0837	0	6	5.6	1	QSGSVILR
837	507.2200	1518.6382	1518.7208	-0.0827	2	6	4	1	EQEMERLERQR + Oxidation (M)
249	459.1200	916.2254	916.5090	-0.2836	1	6	5.7	1	RVTSIADR
259	462.2000	922.3854	922.3967	-0.0113	0	6	4	1	SYTHCQK
543	419.1200	1254.3382	1254.5584	-0.2202	0	6	3.5	1	EEMTSALATMR + Oxidation (M)
840	507.8500	1520.5282	1520.8688	-0.3406	2	6	3.9	1	GPAFRNLKIGVGHR
1123	748.3200	2241.9382	2242.0760	-0.1378	2	6	3	1	MELERPGKDASRGDLPGDSR
99	427.2800	852.5454	852.4678	0.0776	0	6	3.6	1	GRPDRPR
388	562.1700	1122.3254	1122.5525	-0.2271	0	6	4	1	MIAMGSAAALR + 2 Oxidation (M)
29	398.0700	794.1254	794.4650	-0.3396	0	6	3.7	1	IIAPPER
752	692.2400	1382.4654	1382.6071	-0.1417	0	6	3.4	1	GASQAGMTGYGMPR
933	548.7100	1643.1082	1642.8250	0.2832	0	6	3.9	1	SRPDQPAPFSLLCR
1122	747.7600	2240.2582	2240.2425	0.0157	1	6	3.2	1	VGSIINYMVVMAVLYLGRK + Oxidation (M)
1139	769.1700	2304.4882	2304.1386	0.3496	0	6	2.3	1	EFAYEQEIALHSALIQNNSK
853	770.9400	1539.8654	1539.8256	0.0398	1	6	4.2	1	GLSNPGEVEILREK
892	796.7900	1591.5654	1591.7631	-0.1976	1	6	3.8	1	KHPDSSVNFAEFSK
852	513.2300	1536.6682	1536.7474	-0.0792	0	6	3.9	1	TSTVINWFHNYR
1145	787.0500	2358.1282	2358.1638	-0.0356	1	6	3.1	1	IYMTFLSNKASSQVNVEGQSR
654	443.0400	1326.0982	1325.7667	0.3315	2	6	1.8	1	KAKGDSPPVNGLLK
776	474.0200	1419.0382	1418.9085	0.1297	1	6	3.7	1	ELILLGKPKRPR
864	777.7700	1553.5254	1553.7508	-0.2253	0	6	3.7	1	NVTGQAALFQGSMMK + Oxidation (M)
931	822.3600	1642.7054	1642.7443	-0.0389	1	6	4.1	1	GGFGEVSACQMKATGK + Oxidation (M)
79	417.1400	832.2654	832.4728	-0.2074	0	6	5.1	1	IMVDIVK + Oxidation (M)
807	491.2200	1470.6382	1470.7402	-0.1020	1	6	4	1	AWPHMSKSVTGR + Oxidation (M)
181	441.1700	880.3254	880.4403	-0.1148	0	6	3.6	1	QISSGAYR

444	592.1100	1182.2054	1182.5710	-0.3655	0	6	1.9	1	QFFPFGDPTK
946	834.8200	1667.6254	1667.8743	-0.2489	1	6	4.4	1	NPPGTQPIARSEVFR
32	399.1000	796.1854	796.4807	-0.2952	0	6	3.5	1	APEVLLR
364	547.9600	1093.9054	1093.5226	0.3828	0	6	3.7	1	SLPGSMPPFSR + Oxidation (M)
1146	787.2800	2358.8182	2359.0797	-0.2616	2	6	2	1	MHARDFTVSALHGDMQKER + Oxidation (M)
287	485.7400	969.4654	969.6335	-0.1680	1	6	4.3	1	IQILSKLR
386	561.2700	1120.5254	1120.5295	-0.0040	1	6	4.7	1	MGGQATGAERK + Oxidation (M)
430	389.1900	1164.5482	1164.7091	-0.1609	1	6	4.5	1	IHLSATRLVR
1192	1037.4400	3109.2982	3109.5972	-0.2990	2	6	2.5	1	TKTELIQLIEQFPESFFAVKDQENQK
306	511.2300	1020.4454	1020.5451	-0.0997	1	6	4.9	1	SIKAASSTEK
389	562.1800	1122.3454	1122.6107	-0.2652	0	6	4.3	1	TYILNLMQK
890	528.7300	1583.1682	1582.8171	0.3511	2	6	3	1	VLLMGKSGSGKTSMR + 2 Oxidation (M)
92	425.1100	848.2054	848.4650	-0.2596	2	6	5.3	1	RKAATMR + Oxidation (M)
1133	757.5000	2269.4782	2269.2542	0.2239	1	6	2.4	1	IETAGTPAPAELRDPRPLPIR
1049	631.7100	1892.1082	1891.8781	0.2301	2	5	3.9	1	YAEMEMKNRQVNHR + Oxidation (M)
355	543.1800	1084.3454	1084.6240	-0.2786	2	5	4.5	1	DELSPKRIK
1036	623.2600	1866.7582	1866.8379	-0.0798	0	5	4.1	1	EAIEDMGFDAVLPA <del>DMK</del> + Oxidation (M)
66	415.2600	828.5054	828.5545	-0.0491	2	5	6.2	1	SVKVLRK
719	454.1700	1359.4882	1359.7121	-0.2240	0	5	4.7	1	MAAGVAAWLPFAR
824	749.3600	1496.7054	1496.6963	0.0092	1	5	4.2	1	KSMNEGSGAMASALK + Oxidation (M)
64	415.2500	828.4854	828.4453	0.0401	0	5	6.2	1	AQQAVANK
154	433.2900	864.5654	864.4341	0.1313	0	5	4.3	1	EIGEYVR
1128	754.4700	2260.3882	2260.1633	0.2248	2	5	3.1	1	KEWLLGMLGAESSKLNNQAR + Oxidation (M)
460	597.2500	1192.4854	1192.5870	-0.1016	0	5	4.5	1	AIQLSMQGSRR + Oxidation (M)
749	461.2900	1380.8482	1380.7257	0.1224	1	5	4.1	1	IMSIPNLRYMK + Oxidation (M)
960	564.2900	1689.8482	1689.8169	0.0312	1	5	4.3	1	QEPKTS <del>SS</del> SLPSGSSNGK
730	457.2100	1368.6082	1368.6997	-0.0916	1	5	4.6	1	ILVGNKNDDPER
712	679.2500	1356.4854	1356.6211	-0.1356	1	5	4.8	1	FPNAHRAFADDP
570	428.9700	1283.8882	1283.7197	0.1684	2	5	4.4	1	DQGPTKELLKR
1074	681.1600	2040.4582	2040.0599	0.3982	1	5	1.2	1	EASDLL <del>EQ</del> NRLQLDQLR
467	400.0200	1197.0382	1196.6765	0.3617	2	5	1.8	1	AEETKGLPPKK
924	547.9600	1640.8582	1640.9250	-0.0668	0	5	4.3	1	LLQVVYLH <del>SN</del> NITK
15	389.1900	776.3654	776.4578	-0.0924	1	5	6.3	1	LMKTLR + Oxidation (M)
207	447.1300	892.2454	892.4688	-0.2233	1	5	5.5	1	SDLKGV <del>MK</del> + Oxidation (M)
950	561.2200	1680.6382	1680.8804	-0.2422	1	5	4.3	1	V <del>M</del> ATSGCAAIRFIIR + Oxidation (M)
573	429.1100	1284.3082	1284.6601	-0.3520	0	5	2.9	1	DYELQLITYK
997	589.2100	1764.6082	1764.7957	-0.1876	0	5	4.1	1	TAGPQSQVLCGV <del>MM</del> DR + Oxidation (M)
677	447.1300	1338.3682	1338.6463	-0.2781	0	5	3.3	1	VNC <del>SI</del> HNTPAAR
741	689.3100	1376.6054	1376.7221	-0.1167	0	5	5.2	1	NLLDSM <del>VL</del> LITDK + Oxidation (M)
818	496.8800	1487.6182	1487.7216	-0.1034	1	5	4.7	1	EASPPSSADKSGLSR
681	447.1500	1338.4282	1338.6206	-0.1925	2	5	3.8	1	MCGVGQMRKK + Oxidation (M)
778	710.8300	1419.6454	1419.5750	0.0705	0	5	4.5	1	AGDSDEESRPDDK
976	571.6800	1712.0182	1711.8563	0.1619	0	5	4.4	1	AHLMEIQVNGGTVAEK + Oxidation (M)
400	568.7300	1135.4454	1135.6462	-0.2007	0	5	4.9	1	ITLNNVGH <del>LR</del>
764	468.9600	1403.8582	1403.7031	0.1550	0	5	4.9	1	SLTEEEIEDVLK
385	561.2700	1120.5254	1120.6604	-0.1350	0	5	5.2	1	GTPPTLLGIR
246	457.2100	912.4054	912.4665	-0.0610	0	5	4.4	1	GAPEGVIDR
698	449.2600	1344.7582	1344.7799	-0.0217	2	5	5	1	MDILKSEILRK
1026	613.8000	1838.3782	1838.0526	0.3255	2	5	1.1	1	ARLVVAVEEAFTHIKR
281	476.1900	950.3654	950.4531	-0.0877	0	5	4.9	1	WATMADLK + Oxidation (M)
363	547.9000	1093.7854	1093.5768	0.2087	0	5	4.7	1	SISGVYVQNK
692	448.5700	1342.6882	1342.6663	0.0219	1	5	4.9	1	GHQKLEEMVTR + Oxidation (M)
78	417.1200	832.2254	832.4290	-0.2036	0	5	5.7	1	SQLSPSSK
144	432.1800	862.3454	862.4032	-0.0578	0	5	6.2	1	EVEANSSK
342	533.2100	1064.4054	1064.5727	-0.1672	0	5	5	1	ADLGLHG <del>NLR</del>
889	527.6200	1579.8382	1579.7763	0.0618	0	5	4.6	1	CISDLTLNVSTTEK
507	415.2000	1242.5782	1242.6754	-0.0972	1	5	5	1	MPNSTIPALKR + Oxidation (M)
309	513.2300	1024.4454	1024.4106	0.0348	0	5	4.3	1	MCEDLWR + Oxidation (M)
938	551.7500	1652.2282	1651.8754	0.3528	2	5	2.6	1	NLKLGIHEDSTNRR
127	431.0700	860.1254	860.4352	-0.3097	1	5	6.5	1	RQETAEK
30	398.1300	794.2454	794.4075	-0.1621	0	5	4.4	1	WPD <del>LHK</del>
702	673.8600	1345.7054	1345.7605	-0.0551	0	5	5.9	1	GVLSPAQLLSFSK
1138	768.8700	2303.5882	2303.2862	0.3019	1	5	1.6	1	ELHARGHQAVVLAPEVTVHIK
230	449.8300	897.6454	897.5032	0.1423	2	5	4.4	1	ETQKHKK
689	447.3000	1338.8782	1338.6463	0.2319	0	5	4.1	1	VNC <del>SI</del> HNTPAAR
119	429.2200	856.4254	856.4919	-0.0665	1	5	5.6	1	KHFVAQK
986	577.6800	1730.0182	1729.7651	0.2531	1	5	4.8	1	AKDFLSDMAMSEVDR + Oxidation (M)
226	449.2000	896.3854	896.3294	0.0560	0	5	4.1	1	CSDSTSGR

59	415.1600	828.3054	828.4090	-0.1035	0	5	6.9	1	GHTSAATGK
968	568.7300	1703.1682	1702.8023	0.3658	1	5	3.9	1	FEAGKSGGDTHGQVGTR
1019	607.6500	1819.9282	1819.8444	0.0838	0	5	4.2	1	DCLIPMGITSENVAER + Oxidation (M)
1094	702.3300	2103.9682	2104.1034	-0.1352	2	5	4.1	1	FLLMVRDGRASVHSMITR + Oxidation (M)
1171	869.2400	2604.6982	2604.4428	0.2554	2	5	2.3	1	ILVSDTFNKNWTRITLPLPAYTR
128	431.1700	860.3254	860.4352	-0.1097	2	5	7	1	ADDKERK
112	429.1500	856.2854	856.5130	-0.2276	1	5	5.7	1	IADLKAAR
198	445.1600	888.3054	888.4930	-0.1875	1	5	6.6	1	VSFPPQR
315	517.7000	1033.3854	1033.6284	-0.2430	0	5	5.9	1	QHISVLLPK
1052	658.2100	1971.6082	1971.9286	-0.3204	0	5	2.5	1	DSPSSPIYASISHANPSSR
192	444.1600	886.3054	886.4985	-0.1930	1	5	7.1	1	TRQQQVAK
589	431.0700	1290.1882	1290.4526	-0.2645	0	5	0.51	1	MTCEETSDMR + 2 Oxidation (M)
74	415.6500	829.2854	829.4657	-0.1803	1	5	6.4	1	LGQKEGAK
445	395.1400	1182.3982	1182.6397	-0.2415	0	5	4.5	1	SFQYSAVLLR
568	428.7200	1283.1382	1282.7721	0.3661	2	5	0.9	1	VELEKLRQLR
317	518.2500	1034.4854	1034.5318	-0.0463	1	5	5.2	1	EELMEKLG + Oxidation (M)
1144	786.6900	2357.0482	2357.2426	-0.1945	2	5	3.9	1	MAAPSLNRRVSSFTGPVPR + Oxidation (M)
472	605.1800	1208.3454	1208.5781	-0.2326	0	5	4.4	1	MICDVEISVK + Oxidation (M)
548	631.3300	1260.6454	1260.6860	-0.0405	1	5	5.9	1	LANITVMEKAR + Oxidation (M)
961	564.7400	1691.1982	1690.8097	0.3885	1	5	4	1	HPMTANASRSTFLDK + Oxidation (M)
1126	752.3000	2253.8782	2254.1061	-0.2279	1	5	3.4	1	KAHLIVHMEIICPFCK + Oxidation (M)
1159	824.1400	2469.3982	2469.1918	0.2064	0	5	4.1	1	VNQHVQTLQSECSVLSENLER
490	411.4200	1231.2382	1231.5568	-0.3186	1	5	2.8	1	EEKDSLQPSAE
552	423.2600	1266.7582	1266.6060	0.1521	1	5	5.3	1	ETICRVTTGGMK + Oxidation (M)
1091	696.2800	2085.8182	2086.0915	-0.2733	1	5	4.6	1	IPGGIIEDSCVLRGVMINK + Oxidation (M)
1017	605.7700	1814.2882	1813.9066	0.3815	1	5	3.2	1	MVFQENSRIIVMTTK + 2 Oxidation (M)
1149	796.7900	2387.3482	2387.0192	0.3290	1	5	4.4	1	KEDSCQLNYSEGPCLGMQQK + Oxidation (M)
1012	898.8100	1795.6054	1795.8213	-0.2158	0	5	4.4	1	DSNWHHICIAWTTR
21	395.1400	788.2654	788.4140	-0.1486	1	5	8.6	1	RTIEDR
952	561.2700	1680.7882	1680.7968	-0.0086	2	5	4.9	1	DGWGYGSNKRLSEGR
1057	663.2400	1986.6982	1987.0127	-0.3145	2	5	3.7	1	CMVCKKIFMLAASVGIK + 2 Oxidation (M)
40	411.1100	820.2054	820.3571	-0.1517	0	5	6.1	1	MGPVMDR + Oxidation (M)
916	545.7400	1634.1982	1633.8675	0.3307	1	5	2.9	1	EQELTFLQTREK
174	440.1900	878.3654	878.5007	-0.1353	2	5	6.1	1	MTRSKLK + Oxidation (M)
1045	628.5500	1882.6282	1882.8587	-0.2305	0	5	4	1	MQQLEQMLTALDQMR + 3 Oxidation (M)
917	546.2600	1635.7582	1636.0110	-0.2528	2	5	5.4	1	KLTLPTVVMHLKK + Oxidation (M)
271	472.2600	942.5054	942.4957	0.0098	0	5	6.3	1	TPKPMVDR
171	440.1200	878.2254	878.4167	-0.1913	1	5	6.2	1	KEMEAAGK + Oxidation (M)
169	439.2900	876.5654	876.5143	0.0512	0	5	6.9	1	MFIPLLK + Oxidation (M)
1100	714.2700	2139.7882	2140.1137	-0.3255	2	5	4.7	1	AAVPEHGGAPDAERLRLPER
1142	777.7700	2330.2882	2330.2608	0.0274	1	5	4.8	1	LRQVLVSHVSHPFALTQQDR
212	447.1600	892.3054	892.3522	-0.0468	0	5	6.5	1	ADGDSGSR
87	420.1900	838.3654	838.4371	-0.0716	1	5	4.8	1	KMEFLR + Oxidation (M)
1007	594.2600	1779.7582	1779.9843	-0.2261	1	5	5.7	1	NKAPAEVQITAEQLLR
222	449.1800	896.3454	896.4062	-0.0608	0	5	4.5	1	LCDFGSAK
624	435.8000	1304.3782	1304.6581	-0.2799	2	5	5.1	1	DPGVLDMMKK + Oxidation (M)
508	415.2200	1242.6382	1242.6317	0.0065	2	4	5.8	1	THGSGTKGENKK
899	535.1900	1602.5482	1602.8287	-0.2805	0	4	5.6	1	MDLAAALNLTDTQVK
91	424.6800	847.3454	847.3923	-0.0469	0	4	7.3	1	QTVEDEK
1086	689.3100	2064.9082	2065.0368	-0.1286	0	4	4.5	1	FYPTVTIVIAADSDKPER
1077	682.9600	2045.8582	2046.0667	-0.2085	2	4	4.5	1	QDVSKKIECIIIESQK
1033	622.4100	1864.2082	1863.9625	0.2457	2	4	5	1	TMLEARNGSGTIKAPPR + Oxidation (M)
779	474.2600	1419.7582	1419.7068	0.0514	0	4	5.4	1	FHEVGTEMIITK + Oxidation (M)
1018	606.3200	1815.9382	1816.0207	-0.0825	1	4	5.3	1	QPRLLEPGSLGGIPSPAK
515	415.2600	1242.7582	1242.7547	0.0035	1	4	5.9	1	DLTSVNILLKK
81	417.1700	832.3254	832.4953	-0.1698	2	4	6.8	1	MAKIKAR + Oxidation (M)
294	492.2600	982.5054	982.4277	0.0777	0	4	5.4	1	STGDISMEK + Oxidation (M)
895	533.2100	1596.6082	1596.8289	-0.2207	1	4	4.7	1	MLLESKLVATMMSK + Oxidation (M)
981	860.3200	1718.6254	1718.9237	-0.2982	2	4	4.9	1	KIMGSGGTEVVLEKQK + Oxidation (M)
529	416.7000	1247.0782	1246.7186	0.3596	0	4	1.6	1	WPRPASPPVIK
937	550.2800	1647.8182	1647.8692	-0.0511	2	4	5.4	1	NHPPRKISTEDINK
462	399.1000	1194.2782	1194.6357	-0.3575	0	4	4.4	1	NLTLHVQGGKEK
709	452.1600	1353.4582	1353.6962	-0.2381	1	4	6.2	1	NVSDLGLFMKSK + Oxidation (M)
1177	898.4200	2692.2382	2692.4146	-0.1764	1	4	3.9	1	CVIKISPDLPTIYVLALTYDGAR
216	447.2700	892.5254	892.3960	0.1294	0	4	6.8	1	GSPTSMADK
643	441.1500	1320.4282	1320.7262	-0.2981	1	4	5.1	1	SAPSTGGVKKPHR
484	411.1100	1230.3082	1230.5220	-0.2138	1	4	5.4	1	ESERSMTMTK + 2 Oxidation (M)
521	415.2900	1242.8482	1242.6833	0.1649	0	4	6	1	GVPGSFLARPSR

770	472.2100	1413.6082	1413.7616	-0.1534	1	4	6.4	1	YNIEKDIAAHIK
1178	898.8100	2693.4082	2693.6248	-0.2166	1	4	3.9	1	LLDYVPIGPRFSNLVLQALLVLLK
1038	624.2100	1869.6082	1869.9229	-0.3148	1	4	4.1	1	MPRYCLFGNNVTLASK
318	518.7700	1035.5254	1035.6553	-0.1298	2	4	6.7	1	QPLPKRVAK
337	527.6200	1053.2254	1053.5351	-0.3097	0	4	4.4	1	FSGMVLLCK
593	431.2200	1290.6382	1290.7329	-0.0948	2	4	6.3	1	KCTNLVSKLTK
122	429.2700	856.5254	856.3783	0.1472	1	4	6.6	1	KSGSMMSK + 2 Oxidation (M)
393	564.2900	1126.5654	1126.5692	-0.0038	1	4	6.1	1	DYKTMAALAK + Oxidation (M)
1191	1020.3700	3058.0882	3058.3271	-0.2389	0	4	1.5	1	EAMAEQETTVLPQEDMEPNATPTTPEA + 2 Oxidation (M)
28	397.2300	792.4454	792.3687	0.0767	0	4	6.5	1	AMEEAVK + Oxidation (M)
631	658.2100	1314.4054	1314.7143	-0.3089	1	4	6	1	KGDVVALLSEER
992	875.9100	1749.8054	1750.0036	-0.1981	2	4	5.9	1	ILHRDMKAANVLITR
594	431.2300	1290.6682	1290.7044	-0.0362	1	4	6.4	1	AELTRLANTFR
920	820.8600	1639.7054	1639.8174	-0.1119	1	4	5.3	1	HISNKGMEHLLSMK + Oxidation (M)
241	454.3100	906.6054	906.5287	0.0768	1	4	7.4	1	SKALGYLR
481	409.2000	1224.5782	1224.5887	-0.0106	0	4	5.5	1	AEFGPPGPGPGSR
528	624.2100	1246.4054	1246.6591	-0.2537	1	4	6	1	TGPEMQTVLKK + Oxidation (M)
473	605.2400	1208.4654	1208.7129	-0.2474	1	4	5.4	1	QLTAPKVDLPK
760	466.2100	1395.6082	1395.7470	-0.1389	1	4	5.6	1	DLLPPGDTSRGLR
236	453.2400	904.4654	904.5355	-0.0701	1	4	8.4	1	AAHPVRVR
1156	821.3700	2461.0882	2461.3152	-0.2270	0	4	4.4	1	MSQLLVPGASVPSPLRPWGPQTK + Oxidation (M)
827	752.7100	1503.4054	1503.7392	-0.3337	0	4	4	1	EGHLMDTLYAQVK
235	452.8400	903.6654	903.4484	0.2171	0	4	7.5	1	APTLEAMR + Oxidation (M)
1011	898.4200	1794.8254	1794.8094	0.0160	0	4	5.2	1	QPEGTGMIDEEFTVAR + Oxidation (M)
270	472.2100	942.4054	942.5134	-0.1080	0	4	7.1	1	QVVELAER
1021	608.2200	1821.6382	1821.8203	-0.1821	0	4	5.6	1	SSSYHVSMDLLEDPSR
1152	807.8700	2420.5882	2420.3283	0.2598	1	4	2.7	1	LLASMLAKAGLTHIITMDLHQK + Oxidation (M)
227	449.2600	896.5054	896.4096	0.0959	0	4	5	1	LMAGSMAGK + 2 Oxidation (M)
197	445.1400	888.2654	888.4777	-0.2123	2	4	8.1	1	GAKGERGSK
868	519.6600	1555.9582	1555.8028	0.1554	0	4	6	1	QVPLPSPSSMSAALR + Oxidation (M)
914	544.8100	1631.4082	1631.7937	-0.3855	2	4	2.2	1	KREEDSDLMALGPR + Oxidation (M)
274	473.2500	944.4854	944.5655	-0.0800	2	4	8	1	KATTTPAKK
252	461.1400	920.2654	920.4637	-0.1982	1	4	8	1	KEAADMLK + Oxidation (M)
439	589.2100	1176.4054	1176.5622	-0.1568	1	4	6.8	1	KEELSDSVDR
675	446.7200	1337.1382	1336.7463	0.3919	0	4	1.2	1	SAAAGALGSPGLPLR
739	688.3000	1374.5854	1374.7540	-0.1686	1	4	6	1	EILMERIQSIK + Oxidation (M)
1040	627.2100	1878.6082	1878.9098	-0.3016	0	4	4.7	1	EGEAVEAIVEESETFIK
1131	756.3200	2265.9382	2266.1052	-0.1670	0	4	4.6	1	TQIVDCAAVANWIFSSELSR
5	386.1700	770.3254	770.4286	-0.1032	1	4	6.8	1	VKQGPDK
585	430.1100	1287.3082	1287.6354	-0.3272	0	4	4.9	1	CQNALQQVTAR
835	757.5000	1512.9854	1512.8049	0.1806	0	4	6.1	1	AALAVGSPGPVGGSFAR
996	588.2100	1761.6082	1761.8745	-0.2663	2	4	5.8	1	SSIISDGGKGPSSEDAKK
908	539.7300	1616.1682	1615.8206	0.3476	0	4	4.8	1	NQISDIAPDAFQGLK
928	548.2500	1641.7282	1641.8158	-0.0876	1	4	6.2	1	TFRHSSNLMQHIR + Oxidation (M)
1127	752.7100	2255.1082	2255.0212	0.0870	1	4	5.1	1	AGGRGFTCACPDDEFQTVQLR
341	532.2300	1062.4454	1062.5202	-0.0747	0	4	7.3	1	LEVNMQAMK
1111	737.8100	2210.4082	2210.1365	0.2717	2	4	4.3	1	MTPRSRILVSIGESFGTSEK + Oxidation (M)
676	447.1000	1338.2782	1338.6568	-0.3786	1	4	2.3	1	GDLRSEQPYFK
266	469.1800	936.3454	936.4586	-0.1132	0	4	5.9	1	MESTGVLGK + Oxidation (M)
1043	627.8400	1880.4982	1880.8285	-0.3303	0	4	1.9	1	GGTGMLDLYLYLDSTMR + 2 Oxidation (M)
2	385.2300	768.4454	768.4355	0.0100	1	4	5.2	1	VAPGRNR
263	465.8800	929.7454	929.4930	0.2524	0	4	7.9	1	ALASQTPSR
1134	758.2500	2271.7282	2272.1191	-0.3910	1	4	1.9	1	KMTSMELPNVPSSSLPAQPSR + Oxidation (M)
142	431.9300	861.8454	861.4681	0.3773	2	4	4.9	1	KHRHER
954	561.7700	1682.2882	1681.9814	0.3068	2	4	2	1	IIPRVLAMRQAWTK
662	666.3000	1330.5854	1330.7894	-0.2039	2	4	6.7	1	LLLKLKEMAEK + Oxidation (M)
213	447.1900	892.3654	892.4324	-0.0670	0	4	7.9	1	ANVDTVMK + Oxidation (M)
1154	820.8600	2459.5582	2459.1897	0.3685	0	4	3.7	1	DPLFLTGVTFPSDYPIYEETR
1098	710.8300	2129.4682	2129.1150	0.3532	1	4	2.9	1	AEMGIALIVQEKGLDSATQR
298	504.9100	1007.8054	1007.5222	0.2832	1	4	6.8	1	GCGKAFIQK
352	539.7300	1077.4454	1077.5753	-0.1299	2	4	7.7	1	AFPRAGMKGK + Oxidation (M)
243	456.8400	911.6654	911.4712	0.1942	0	4	5.8	1	ASPGPGELGK
350	538.7600	1075.5054	1075.5662	-0.0607	0	4	7.9	1	EPSLIFTNR
383	561.2200	1120.4254	1120.6604	-0.2350	0	4	7.4	1	GPTPTLLGIR
1173	884.2100	2649.6082	2649.2558	0.3524	1	4	4.2	1	FQSRLSPEEPAPEAPETPEAPGGSVA
437	588.2100	1174.4054	1174.6380	-0.2325	0	4	7.4	1	RPSMASLTLLS
947	836.3800	1670.7454	1670.8702	-0.1247	0	4	6.5	1	SFSTLANNFLVIMSK
980	860.2800	1718.5454	1718.8370	-0.2915	2	4	5.3	1	ARGTGATGKDTMGDLPR + Oxidation (M)



1009	597.2500	1788.7282	1788.8827	-0.1545	2	3	6.5	1	RTAGQSSDQKLTNNNR
1105	724.3600	2170.0582	2170.1099	-0.0517	2	3	5.8	1	EASRHAIMRSPQM <del>V</del> SAIVR + 2 Oxidation (M)
1174	884.3400	2649.9982	2650.2254	-0.2273	1	3	3.8	1	GHGALNDLTFTTEEVDMKEMDAALK + Oxidation (M)
517	415.2700	1242.7882	1242.6177	0.1704	2	3	7.3	1	SRDAGGPRNSAR
539	627.2100	1252.4054	1252.7292	-0.3237	1	3	6.2	1	AYVLLLSYR
90	423.2600	844.5054	844.3823	0.1232	1	3	10	1	KYEMMK + Oxidation (M)
617	433.3300	1296.9682	1296.7037	0.2644	0	3	5.6	1	AGPELLLSNIR
983	576.7300	1727.1682	1726.8971	0.2711	1	3	5.7	1	HAIMRSPQM <del>V</del> SAIVR + 2 Oxidation (M)
991	584.1000	1749.2782	1748.9681	0.3101	1	3	3.3	1	AAVIRLGLMEMIAFAK + Oxidation (M)
891	531.1500	1590.4282	1590.8213	-0.3931	1	3	4.4	1	ETATLNGRTTGTLEK
1002	592.1100	1773.3082	1772.9090	0.3992	2	3	3.2	1	LEEELRQLKEEMAR
1194	1328.7800	3983.3182	3982.9552	0.3630	2	3	2	1	LLGPCMEIMKRNIATYEEQLVALFGTNMDIVEPTA + Oxidation (M)
194	444.2400	886.4654	886.5236	-0.0582	1	3	10	1	NQVTGKIK
697	449.2000	1344.5782	1344.6530	-0.0748	2	3	7.5	1	RMVTKFGMSEK + 2 Oxidation (M)
228	449.2600	896.5054	896.4174	0.0880	0	3	5.9	1	SICSQFR
615	433.2800	1296.8182	1296.7037	0.1144	2	3	6	1	DAVESPAKKQPK
846	511.2300	1530.6682	1530.7534	-0.0852	1	3	6.5	1	NRMSLSLMFTTSK + Oxidation (M)
831	756.2800	1510.5454	1510.9096	-0.3641	2	3	6.1	1	FSRILKHILTQR
277	474.2600	946.5054	946.4906	0.0149	1	3	9.3	1	LTKMEGPR + Oxidation (M)
316	518.2300	1034.4454	1034.5985	-0.1530	1	3	7.5	1	KIPNHGTLR
812	738.3000	1474.5854	1474.7602	-0.1748	0	3	6.7	1	EIYMNVPVGAAGVR
1001	590.2500	1767.7282	1767.8838	-0.1557	2	3	6.8	1	KDHKQLWMGLQNDR
1027	924.6000	1847.1854	1846.9804	0.2051	1	3	5.8	1	MFSFPGEFLPAHKVK
145	433.1400	864.2654	864.3735	-0.1080	0	3	7.3	1	VWMCGR
755	464.1300	1389.3682	1389.6783	-0.3101	1	3	6.8	1	RGSPSNAVQM <del>A</del> TR + Oxidation (M)
935	549.7600	1646.2582	1645.9443	0.3139	0	3	2.6	1	KPPSVTPIFLEPPPK
720	454.3100	1359.9082	1359.6459	0.2623	0	3	7.9	1	VEEVNWAWEK
900	535.7800	1604.3182	1604.6662	-0.3481	0	3	1.2	1	EERPSQGDSENSR
6	386.1900	770.3654	770.5126	-0.1472	2	3	8.1	1	VRKAIGK
338	528.7300	1055.4454	1055.6087	-0.1633	1	3	8.5	1	VLGLREDVR
1118	740.3000	2217.8782	2218.1441	-0.2659	1	3	5.4	1	ETEGGTVLTATTSQLEAINKR
133	431.2300	860.4454	860.4967	-0.0513	1	3	11	1	KTLDSVAK
1175	1328.7800	2655.5454	2655.2612	0.2843	2	3	5.6	1	VSEHMLWLDRYSGSNRAQATR + Oxidation (M)
553	424.6800	1271.0182	1270.6881	0.3301	0	3	5.4	1	QVQVEGLSGNIK
721	681.1600	1360.3054	1360.6769	-0.3714	2	3	4.2	1	LMLDGDNRNKDGK
724	682.9600	1363.9054	1363.7316	0.1739	2	3	8.4	1	MVAGMLGLRKEK + 2 Oxidation (M)
1034	622.4800	1864.4182	1864.8084	-0.3902	0	3	1.5	1	NPTDAYLDAMMNEAPGR
182	441.2100	880.4054	880.4113	-0.0058	0	3	6.7	1	FMSANPSK
896	801.2800	1600.5454	1600.8573	-0.3119	1	3	7.8	1	VRGDLGAALDSWITK
536	417.2300	1248.6682	1248.8645	-0.1964	2	3	8.5	1	LGRLLKIPVLK
686	447.2700	1338.7882	1338.7217	0.0665	1	3	6.5	1	FEGSLMTKAIVK + Oxidation (M)
103	428.2000	854.3854	854.3514	0.0341	0	3	6.2	1	MIMDDSK + Oxidation (M)
1162	834.8200	2501.4382	2501.1831	0.2550	1	3	6.3	1	MALSFVQRTFNVDMYEEIHR + Oxidation (M)
1140	770.9400	2309.7982	2310.1227	-0.3246	1	3	4	1	ETDITDADQVIGSFKVLADGK
458	398.0700	1191.1882	1191.5740	-0.3859	0	3	2.5	1	CMTNTFPVVVR + Oxidation (M)
218	447.3000	892.5854	892.4688	0.1167	1	3	9.5	1	QLTEKMK + Oxidation (M)
929	548.3000	1641.8782	1641.8878	-0.0097	2	3	7.7	1	YLDIFFAVKNEKR
123	430.1100	858.2054	858.3429	-0.1375	0	3	12	1	DAYSEMK + Oxidation (M)
767	470.7500	1409.2282	1408.8442	0.3840	0	3	1.2	1	VQAIPASAWILK
735	459.1200	1374.3382	1374.7038	-0.3656	2	3	5.6	1	RRMETELDGLR
645	441.1500	1320.4282	1320.7224	-0.2942	1	3	7.2	1	VKGFCQVVVASK
839	507.7900	1520.3482	1520.7253	-0.3771	2	3	2.7	1	DVARDMNGKSLDGK + Oxidation (M)
854	771.3600	1540.7054	1540.7998	-0.0943	0	3	8	1	SVNEPLAFNLPQGR
371	548.7100	1095.4054	1095.5561	-0.1506	0	3	7.2	1	GLPGTPGTGDPK
454	594.2600	1186.5054	1186.6016	-0.0961	1	3	8.8	1	DIKMSPAPANK + Oxidation (M)
683	447.1900	1338.5482	1338.8024	-0.2542	0	3	6.8	1	VALTIALFHVAGK
283	481.2200	960.4254	960.4950	-0.0695	0	3	9.4	1	LMDDLLNK
804	734.2800	1466.5454	1466.6361	-0.0906	0	3	8	1	ASNGASFPWNNMR + Oxidation (M)
838	760.3800	1518.7454	1518.8076	-0.0621	1	3	8.1	1	KSEIGIAMSGTAVAK
1112	737.9700	2210.8882	2211.1503	-0.2622	2	3	7	1	QNLAEMGLAMPNKAVPLRK + Oxidation (M)
1113	738.2700	2211.7882	2212.0794	-0.2912	2	3	4.9	1	DSSTGANSYVVIKCEGEKVR
322	519.6600	1037.3054	1037.5804	-0.2750	2	3	7.4	1	MSFRKVVR + Oxidation (M)
71	415.2700	828.5254	828.4678	0.0576	2	3	12	1	NRAGQKR
782	713.6300	1425.2454	1424.8503	0.3951	1	3	0.91	1	AIPGRQYGLILPK
438	392.7100	1175.1082	1174.7298	0.3783	1	3	0.86	1	RGKPVHLQK
1193	1055.3100	3162.9082	3162.6707	0.2375	2	3	3.5	1	QLVDAHKNENSVISITEHLEVITTLRTMAK
4	385.5100	769.0054	769.2986	-0.2932	0	3	2.4	1	EEMMAK + 2 Oxidation (M)
329	525.2200	1048.4254	1048.5302	-0.1047	0	3	10	1	GLSPGNYSVR

404	571.2500	1140.4854	1140.5155	-0.0300	0	3	8.1	1	LMMSELETR + 2 Oxidation (M)
466	598.5900	1195.1654	1195.4961	-0.3307	0	3	1.7	1	NVEAMSGMEGR + Oxidation (M)
969	853.5100	1705.0054	1704.8716	0.1338	1	3	7.5	1	ENLQSSVKECIATVK
1056	992.3000	1982.5854	1982.9805	-0.3951	1	3	3.5	1	MASGVAVSDGVKVFNDMK + Oxidation (M)
957	563.1600	1686.4582	1686.7155	-0.2574	0	3	3.4	1	ISESAEDNAMGVTTGGPH + Oxidation (M)
919	547.5100	1639.5082	1639.8543	-0.3461	2	3	6.6	1	YDEQLHGTRPRRL
766	704.6300	1407.2454	1407.6452	-0.3998	1	3	1.4	1	FEDRLPEEMAR + Oxidation (M)
610	433.2500	1296.7282	1296.7587	-0.0306	1	3	7.3	1	LLRNLMQLALP + Oxidation (M)
1078	683.6900	2048.0482	2048.0911	-0.0429	1	3	7.5	1	TMLIFVGGVPRSGTTLMR + Oxidation (M)
1129	755.8400	2264.4982	2264.1834	0.3147	2	3	4.1	1	THTKGGPVILADEIKNPAMEK + Oxidation (M)
474	605.7700	1209.5254	1209.7346	-0.2091	1	2	8.7	1	ARPLPRYPK
514	415.2600	1242.7582	1242.6680	0.0902	1	2	9.1	1	RNLVESELQR
399	568.2600	1134.5054	1134.6509	-0.1455	1	2	9.3	1	GSLSVLRTFR
579	429.2100	1284.6082	1284.6245	-0.0163	1	2	8.6	1	NDVEGAKMHLR + Oxidation (M)
792	724.3600	1446.7054	1446.7830	-0.0776	1	2	9.8	1	EELVGAEHLRLYR
1088	1037.4400	2072.8654	2073.1504	-0.2849	1	2	7.3	1	STLLLLLTGKLTPTNGEMR + Oxidation (M)
54	413.1900	824.3654	824.3884	-0.0230	1	2	7.6	1	KSGGMMSK
663	445.1000	1332.2782	1332.6772	-0.3991	2	2	4.2	1	EEESLKLKDDK
1095	1055.3100	2108.6054	2108.9871	-0.3816	1	2	2.4	1	YTMRLQGDGTGYSVLMGK + 2 Oxidation (M)
873	784.2700	1566.5254	1566.8440	-0.3185	1	2	8.5	1	STKMEGTVSLLVFR
160	435.2400	868.4654	868.5858	-0.1203	1	2	7.5	1	ILNLKLR
52	413.1800	824.3454	824.5120	-0.1665	1	2	7.9	1	VVPTPGKK
115	429.1700	856.3254	856.5130	-0.1876	1	2	11	1	IADLKAAR
176	440.6900	879.3654	879.4194	-0.0539	0	2	9.4	1	MLDLNK + Oxidation (M)
344	535.1900	1068.3654	1068.5134	-0.1480	1	2	8.5	1	RNLSYTCR
956	562.1800	1683.5182	1683.9070	-0.3888	2	2	7.7	1	RRGSTPWGPAPPLHR
412	385.2300	1152.6682	1152.5887	0.0795	0	2	9.8	1	HSEVQQANLK
566	428.3600	1282.0582	1281.6969	0.3613	1	2	3.9	1	YSTIPKFGIEK
1076	682.6700	2044.9882	2045.1017	-0.1136	2	2	7.7	1	LAVYKAGAQEGAERGVSAR
206	447.1000	892.1854	892.4800	-0.2946	1	2	11	1	KMTSAIAR + Oxidation (M)
187	443.0400	884.0654	884.4603	-0.3949	0	2	3.3	1	DEGLLPNK
158	434.7400	867.4654	867.4926	-0.0272	0	2	8.2	1	SAVSVHLR
170	439.7100	877.4054	877.4658	-0.0603	0	2	11	1	DSPLPPPR
667	445.1800	1332.5182	1332.7323	-0.2141	0	2	10	1	IVQATTLTMDK
651	663.2400	1324.4654	1324.7827	-0.3172	1	2	9.6	1	LRTASIPLEAVR
1024	610.2500	1827.7282	1827.9115	-0.1833	2	2	8.4	1	SEVDLERTFTFRNSK
1075	682.2400	2043.6982	2043.9214	-0.2232	0	2	7.6	1	VEENFENFDYPAWSGLK
51	413.1700	824.3254	824.4868	-0.1614	1	2	8.5	1	IGPGPRTK
503	621.2500	1240.4854	1240.6663	-0.1809	0	2	10	1	TPTPGSLELAQK
494	412.7300	1235.1682	1235.4976	-0.3294	0	2	1.6	1	EGPEDMANETK + Oxidation (M)
703	449.7300	1346.1682	1345.8306	0.3376	1	2	1.7	1	LARPPRLPVATR
912	543.7300	1628.1682	1627.7777	0.3905	0	2	8.8	1	IQFVGACNPPTDPGR
245	457.1900	912.3654	912.4375	-0.0721	1	2	9.4	1	MAFKDTGK + Oxidation (M)
563	428.0400	1281.0982	1280.7275	0.3707	1	2	2.4	1	VKIHPNTVMVK + Oxidation (M)
475	606.3200	1210.6254	1210.8125	-0.1871	2	2	8.6	1	KVLRLLVSGIK
836	758.2500	1514.4854	1514.7585	-0.2731	0	2	10	1	VCENIPIVLCGNK
323	520.1500	1038.2854	1038.5168	-0.2314	1	2	10	1	SSGSPKFAMK
632	658.3300	1314.6454	1314.6415	0.0039	0	2	11	1	GQVGIAENAEAAK
410	577.2000	1152.3854	1152.6035	-0.2181	0	2	11	1	ISCLLCIFK
1170	860.3200	2577.9382	2578.3249	-0.3867	0	2	4.9	1	GNIVMVFMSSLYSVLYMSLLPAK + Oxidation (M)
1185	942.8000	2825.3782	2825.4568	-0.0786	2	2	6.7	1	LAPLAEGVQEKLNHQMEGLAQMKK + Oxidation (M)
1186	959.7300	2876.1682	2876.3902	-0.2220	2	2	5.5	1	RDNEYIFSAEFITADCSKELLVEK
157	434.6900	867.3654	867.3830	-0.0175	1	2	9.1	1	SDMEMKK
10	387.6000	773.1854	773.4548	-0.2694	1	2	16	1	GIGPFRK
560	427.2700	1278.7882	1278.7489	0.0393	0	2	11	1	IWLSLVFVFR
80	417.1600	832.3054	832.4113	-0.1058	0	2	13	1	LLEGNCK
1037	935.3000	1868.5854	1868.9190	-0.3335	2	2	7	1	DLVNDMKSELTGKFEK + Oxidation (M)
1060	1001.7000	2001.3854	2001.0353	0.3501	2	2	6.2	1	AFCHESKENVTLKTPLK
55	413.2000	824.3854	824.4980	-0.1126	1	1	9.4	1	LPLRNGR
276	474.2100	946.4054	946.5488	-0.1433	1	1	14	1	FTVDLPKK
855	515.1800	1542.5182	1542.9133	-0.3952	2	1	11	1	ILNKEGGIVPFKTK
695	449.1900	1344.5482	1344.7158	-0.1677	2	1	12	1	LMIMHWKAKR + 2 Oxidation (M)
367	548.2500	1094.4854	1094.6448	-0.1593	0	1	11	1	VGPAVELALAR
219	447.3000	892.5854	892.4151	0.1703	0	1	13	1	AYGAGGGGAGR
1189	1001.7000	3002.0782	3002.3884	-0.3102	0	1	3.6	1	YTFSPDWNLGCLYEMIAHSPFR
902	536.7500	1607.2282	1606.8930	0.3352	1	1	5	1	QELVTKIDHILDAL
1003	592.7400	1775.1982	1774.9941	0.2041	1	1	10	1	DLLDQLPSLKHLDLR
988	869.2400	1736.4654	1736.7676	-0.3021	0	1	4.4	1	DSADMVELLDGYTHR + Oxidation (M)

82	417.2000	832.3854	832.4225	-0.0371	1	1	14	1	KGADGVMR
16	391.2100	780.4054	780.3919	0.0136	0	1	12	1	RPNTFF
522	622.4800	1242.9454	1242.6244	0.3210	1	1	12	1	IVEKGYYSER
70	415.2700	828.5254	828.4606	0.0648	0	1	16	1	LHYQLR
1182	932.8500	2795.5282	2795.3865	0.1417	2	1	8.4	1	LEFEDGSVLKQFLSETEKLSPEDR
189	443.1800	884.3454	884.5668	-0.2213	2	1	12	1	TALRRRLR
1073	1020.3700	2038.7254	2039.0647	-0.3393	0	1	9.1	1	TTTNVLGDSLGLAGIVEHLR
877	787.0500	1572.0854	1571.8593	0.2262	1	1	11	1	MKLGQVVITDPEK + Oxidation (M)
98	427.2700	852.5254	852.4388	0.0866	1	1	11	1	GRMHAPGK
1183	935.3000	2802.8782	2802.5657	0.3125	2	1	2.5	1	SYIITGGLGGFGLRLARWLVRGAQR
165	437.3200	872.6254	872.4035	0.2219	1	1	19	1	SNHMRGR + Oxidation (M)
546	420.2000	1257.5782	1257.6248	-0.0466	1	1	13	1	SQHMTFVVR + Oxidation (M)
1014	600.7300	1799.1682	1798.9425	0.2257	1	1	11	1	LSLADKENTPPTLSSAR
965	849.4200	1696.8254	1696.9658	-0.1403	2	1	12	1	RVPMTLVPATEAK + Oxidation (M)
140	431.3100	860.6054	860.5483	0.0571	1	1	18	1	ALAAFLKK
489	411.3700	1231.0882	1230.7118	0.3764	2	1	2.6	1	EVQMLKALKR + Oxidation (M)
325	520.2600	1038.5054	1038.5896	-0.0841	2	1	13	1	KMAFLAKSK + Oxidation (M)
453	593.6400	1185.2654	1185.5448	-0.2794	0	1	11	1	RPSSMYSTGGK + Oxidation (M)
527	623.2600	1244.5054	1244.7353	-0.2299	1	1	16	1	SHKAVVHIQVK
1143	784.2700	2349.7882	2350.1223	-0.3341	2	1	6	1	NGANKDMQDSKEETPLFLAAR + Oxidation (M)
979	859.9000	1717.7854	1717.8635	-0.0781	1	1	13	1	SNQSYTPVVEKDR
295	496.8800	991.7454	991.5298	0.2156	2	1	15	1	SSSPGSKSKK
449	395.2200	1182.6382	1182.5815	0.0566	1	1	12	1	QRSCVDPPPK
1184	941.9600	2822.8582	2822.4848	0.3734	1	1	3	1	NMLFSGTNIAGKAVGIVATTGVSTEIGK + Oxidation (M)
361	546.2600	1090.5054	1090.5441	-0.0386	1	1	15	1	MSSPLADAKR + Oxidation (M)
118	429.2200	856.4254	856.5382	-0.1128	0	1	15	1	LLVVTQ GK
772	708.2700	1414.5254	1414.8548	-0.3293	0	1	14	1	VETPVLPPVLVPR
135	431.2500	860.4854	860.3997	0.0858	0	1	19	1	QIMGCPR
44	411.1800	820.3454	820.3861	-0.0407	0	1	16	1	MSLNGQR + Oxidation (M)
540	627.2100	1252.4054	1252.6816	-0.2761	0	1	12	1	ILGLDFGYVTR
415	577.6800	1153.3454	1153.5588	-0.2133	1	1	14	1	SHAQKNENAR
608	433.1700	1296.4882	1296.6860	-0.1978	0	1	12	1	GGMAGVAVGQPPIK + Oxidation (M)
67	415.2600	828.5054	828.4202	0.0853	1	0	19	1	ARGESPGR
179	441.1500	880.2854	880.4290	-0.1436	0	0	12	1	NSSVEAFK
217	447.2700	892.5254	892.4510	0.0744	0	0	17	1	MMANGILK + Oxidation (M)
863	518.7700	1553.2882	1552.9049	0.3833	1	0	2.5	1	LSQALQVRLEQIR
876	786.6900	1571.3654	1571.7263	-0.3608	1	0	3.5	1	NHYDATAMHRAAK + Oxidation (M)
1101	717.2600	2148.7582	2148.9279	-0.1697	1	0	9.1	1	FTWSMKTSSMDPNMVR + Oxidation (M)
23	395.1800	788.3454	788.4140	-0.0686	1	0	23	1	ERQAASK
762	701.9400	1401.8654	1401.6235	0.2420	0	0	15	1	FEEGGYVVCNTK
184	442.2300	882.4454	882.5148	-0.0693	2	0	11	1	RTSVHRK
320	519.1500	1036.2854	1036.4859	-0.2005	0	0	15	1	DMGLVNSGTK + Oxidation (M)
679	447.1500	1338.4282	1338.6013	-0.1732	0	0	12	1	DIVDFTMEPVSS
310	515.1800	1028.3454	1028.4774	-0.1320	0	0	20	1	GDAPAAEAEAK
742	689.6300	1377.2454	1377.6354	-0.3899	2	0	3.5	1	RMQRGQEMNGR + Oxidation (M)
587	430.9700	1289.8882	1289.6438	0.2444	0	0	15	1	AEYLGSCLLHK
1172	875.9100	2624.7082	2624.4467	0.2614	2	0	5.5	1	KQLTMVKPGLSMLSIFICLKGTK + 2 Oxidation (M)
314	517.3100	1032.6054	1032.5637	0.0417	1	0	16	1	AVEAQKLMK + Oxidation (M)
672	446.0200	1335.0382	1334.7670	0.2712	1	0	13	1	KPRSQDPLGPLK
603	431.7300	1292.1682	1292.5496	-0.3814	0	0	1.2	1	EGGWDAVMDWK
326	522.1900	1042.3654	1042.5705	-0.2051	1	0	20	1	MAAPALRAAR + Oxidation (M)
978	859.6800	1717.3454	1716.9523	0.3932	1	0	2.8	1	GEFITTVQQRGAIVK
1103	722.2100	2163.6082	2163.9895	-0.3813	1	0	2.7	1	AFVSMVYSEEGAEDRTFAR
1188	992.3000	2973.8782	2973.6063	0.2719	2	0	4.9	1	QYLTTVIPYEKKNPPSVEDLQILTK
999	884.2100	1766.4054	1766.0162	0.3892	2	0	2.6	1	HRAQSLQLSLAKSSLK
551	634.3000	1266.5854	1266.6357	-0.0502	1	0	15	1	REDSFTFIPR
984	577.2000	1728.5782	1728.9662	-0.3880	0	0	15	1	LEGS DGLAFLKPILEK
196	445.1000	888.1854	888.4487	-0.2633	0	0	20	1	ALASGPAMR + Oxidation (M)
1055	991.7500	1981.4854	1981.8795	-0.3940	0	0	3.5	1	MEEETIAALVIDNGSGMCK + Oxidation (M)
9	387.1700	772.3254							
18	392.7100	783.4054							
22	395.1700	788.3254							
26	396.9600	791.9054							
33	399.1600	796.3054							
35	399.3100	796.6054							
37	401.2200	800.4254							
42	411.1300	820.2454							
43	411.1600	820.3054							

<input checked="" type="checkbox"/>	<a href="#">47</a>	411.4200	820.8254
<input checked="" type="checkbox"/>	<a href="#">48</a>	411.9600	821.9054
<input checked="" type="checkbox"/>	<a href="#">50</a>	412.7300	823.4454
<input checked="" type="checkbox"/>	<a href="#">57</a>	414.9800	827.9454
<input checked="" type="checkbox"/>	<a href="#">60</a>	415.2000	828.3854
<input checked="" type="checkbox"/>	<a href="#">61</a>	415.2200	828.4254
<input checked="" type="checkbox"/>	<a href="#">69</a>	415.2700	828.5254
<input checked="" type="checkbox"/>	<a href="#">86</a>	419.1200	836.2254
<input checked="" type="checkbox"/>	<a href="#">94</a>	425.6700	849.3254
<input checked="" type="checkbox"/>	<a href="#">101</a>	428.0400	854.0654
<input checked="" type="checkbox"/>	<a href="#">104</a>	428.3600	854.7054
<input checked="" type="checkbox"/>	<a href="#">107</a>	428.8700	855.7254
<input checked="" type="checkbox"/>	<a href="#">108</a>	428.9700	855.9254
<input checked="" type="checkbox"/>	<a href="#">109</a>	429.0000	855.9854
<input checked="" type="checkbox"/>	<a href="#">110</a>	429.0700	856.1254
<input checked="" type="checkbox"/>	<a href="#">114</a>	429.1700	856.3254
<input checked="" type="checkbox"/>	<a href="#">116</a>	429.1800	856.3454
<input checked="" type="checkbox"/>	<a href="#">117</a>	429.2100	856.4054
<input checked="" type="checkbox"/>	<a href="#">121</a>	429.2600	856.5054
<input checked="" type="checkbox"/>	<a href="#">125</a>	430.9700	859.9254
<input checked="" type="checkbox"/>	<a href="#">126</a>	430.9900	859.9654
<input checked="" type="checkbox"/>	<a href="#">146</a>	433.1700	864.3254
<input checked="" type="checkbox"/>	<a href="#">147</a>	433.2300	864.4454
<input checked="" type="checkbox"/>	<a href="#">159</a>	434.8100	867.6054
<input checked="" type="checkbox"/>	<a href="#">161</a>	435.3200	868.6254
<input checked="" type="checkbox"/>	<a href="#">162</a>	435.8000	869.5854
<input checked="" type="checkbox"/>	<a href="#">163</a>	436.0200	870.0254
<input checked="" type="checkbox"/>	<a href="#">175</a>	440.2000	878.3854
<input checked="" type="checkbox"/>	<a href="#">178</a>	441.1500	880.2854
<input checked="" type="checkbox"/>	<a href="#">186</a>	443.0100	884.0054
<input checked="" type="checkbox"/>	<a href="#">193</a>	444.2000	886.3854
<input checked="" type="checkbox"/>	<a href="#">203</a>	446.0200	890.0254
<input checked="" type="checkbox"/>	<a href="#">205</a>	446.7200	891.4254
<input checked="" type="checkbox"/>	<a href="#">211</a>	447.1500	892.2854
<input checked="" type="checkbox"/>	<a href="#">224</a>	449.1900	896.3654
<input checked="" type="checkbox"/>	<a href="#">225</a>	449.2000	896.3854
<input checked="" type="checkbox"/>	<a href="#">231</a>	451.1100	900.2054
<input checked="" type="checkbox"/>	<a href="#">244</a>	457.1800	912.3454
<input checked="" type="checkbox"/>	<a href="#">253</a>	461.1500	920.2854
<input checked="" type="checkbox"/>	<a href="#">265</a>	468.9600	935.9054
<input checked="" type="checkbox"/>	<a href="#">275</a>	474.0200	946.0254
<input checked="" type="checkbox"/>	<a href="#">288</a>	485.9800	969.9454
<input checked="" type="checkbox"/>	<a href="#">292</a>	490.1800	978.3454
<input checked="" type="checkbox"/>	<a href="#">296</a>	499.8900	997.7654
<input checked="" type="checkbox"/>	<a href="#">319</a>	519.0500	1036.0854
<input checked="" type="checkbox"/>	<a href="#">331</a>	526.6600	1051.3054
<input checked="" type="checkbox"/>	<a href="#">362</a>	547.5100	1093.0054
<input checked="" type="checkbox"/>	<a href="#">369</a>	548.5200	1095.0254
<input checked="" type="checkbox"/>	<a href="#">384</a>	561.2500	1120.4854
<input checked="" type="checkbox"/>	<a href="#">387</a>	561.7700	1121.5254
<input checked="" type="checkbox"/>	<a href="#">396</a>	566.3200	1130.6254
<input checked="" type="checkbox"/>	<a href="#">397</a>	566.5800	1131.1454
<input checked="" type="checkbox"/>	<a href="#">403</a>	570.8600	1139.7054
<input checked="" type="checkbox"/>	<a href="#">406</a>	571.6800	1141.3454
<input checked="" type="checkbox"/>	<a href="#">408</a>	575.2700	1148.5254
<input checked="" type="checkbox"/>	<a href="#">409</a>	576.7300	1151.4454
<input checked="" type="checkbox"/>	<a href="#">424</a>	587.7200	1160.1382
<input checked="" type="checkbox"/>	<a href="#">431</a>	584.1000	1166.1854
<input checked="" type="checkbox"/>	<a href="#">433</a>	585.1700	1168.3254
<input checked="" type="checkbox"/>	<a href="#">441</a>	590.2500	1178.4854
<input checked="" type="checkbox"/>	<a href="#">448</a>	595.2000	1182.5782
<input checked="" type="checkbox"/>	<a href="#">451</a>	593.1400	1184.2654
<input checked="" type="checkbox"/>	<a href="#">477</a>	608.2200	1214.4254
<input checked="" type="checkbox"/>	<a href="#">479</a>	610.2500	1218.4854
<input checked="" type="checkbox"/>	<a href="#">526</a>	615.7300	1244.1682
<input checked="" type="checkbox"/>	<a href="#">530</a>	624.8400	1247.6654
<input checked="" type="checkbox"/>	<a href="#">544</a>	628.5500	1255.0854
<input checked="" type="checkbox"/>	<a href="#">572</a>	629.0700	1284.1882

<input checked="" type="checkbox"/>	<a href="#">620</a>	434.7400	1301.1982
<input checked="" type="checkbox"/>	<a href="#">653</a>	664.0200	1326.0254
<input checked="" type="checkbox"/>	<a href="#">664</a>	445.1000	1332.2782
<input checked="" type="checkbox"/>	<a href="#">706</a>	451.1100	1350.3082
<input checked="" type="checkbox"/>	<a href="#">711</a>	679.1100	1356.2054
<input checked="" type="checkbox"/>	<a href="#">716</a>	680.1000	1358.1854
<input checked="" type="checkbox"/>	<a href="#">718</a>	454.0800	1359.2182
<input checked="" type="checkbox"/>	<a href="#">722</a>	682.2400	1362.4654
<input checked="" type="checkbox"/>	<a href="#">723</a>	682.6700	1363.3254
<input checked="" type="checkbox"/>	<a href="#">733</a>	686.2700	1370.5254
<input checked="" type="checkbox"/>	<a href="#">751</a>	461.7400	1382.1982
<input checked="" type="checkbox"/>	<a href="#">761</a>	700.7300	1399.4454
<input checked="" type="checkbox"/>	<a href="#">763</a>	702.3300	1402.6454
<input checked="" type="checkbox"/>	<a href="#">788</a>	719.1300	1436.2454
<input checked="" type="checkbox"/>	<a href="#">797</a>	485.7400	1454.1982
<input checked="" type="checkbox"/>	<a href="#">810</a>	737.9700	1473.9254
<input checked="" type="checkbox"/>	<a href="#">814</a>	739.3800	1476.7454
<input checked="" type="checkbox"/>	<a href="#">817</a>	742.5900	1483.1654
<input checked="" type="checkbox"/>	<a href="#">820</a>	747.3600	1492.7054
<input checked="" type="checkbox"/>	<a href="#">825</a>	751.7400	1501.4654
<input checked="" type="checkbox"/>	<a href="#">832</a>	756.3200	1510.6254
<input checked="" type="checkbox"/>	<a href="#">833</a>	504.9100	1511.7082
<input checked="" type="checkbox"/>	<a href="#">843</a>	763.7200	1525.4254
<input checked="" type="checkbox"/>	<a href="#">849</a>	767.7500	1533.4854
<input checked="" type="checkbox"/>	<a href="#">851</a>	769.1700	1536.3254
<input checked="" type="checkbox"/>	<a href="#">897</a>	801.3000	1600.5854
<input checked="" type="checkbox"/>	<a href="#">909</a>	540.7700	1619.2882
<input checked="" type="checkbox"/>	<a href="#">945</a>	834.2700	1666.5254
<input checked="" type="checkbox"/>	<a href="#">971</a>	855.0300	1708.0454
<input checked="" type="checkbox"/>	<a href="#">993</a>	584.4600	1750.3582
<input checked="" type="checkbox"/>	<a href="#">994</a>	585.1700	1752.4882
<input checked="" type="checkbox"/>	<a href="#">998</a>	589.7700	1766.2882
<input checked="" type="checkbox"/>	<a href="#">1000</a>	884.3400	1766.6654
<input checked="" type="checkbox"/>	<a href="#">1004</a>	593.1400	1776.3982
<input checked="" type="checkbox"/>	<a href="#">1039</a>	624.8400	1871.4982
<input checked="" type="checkbox"/>	<a href="#">1046</a>	942.8000	1883.5854
<input checked="" type="checkbox"/>	<a href="#">1051</a>	959.7300	1917.4454
<input checked="" type="checkbox"/>	<a href="#">1058</a>	664.0200	1989.0382
<input checked="" type="checkbox"/>	<a href="#">1067</a>	673.8600	2018.5582
<input checked="" type="checkbox"/>	<a href="#">1104</a>	722.2700	2163.7882
<input checked="" type="checkbox"/>	<a href="#">1115</a>	738.8900	2213.6482
<input checked="" type="checkbox"/>	<a href="#">1116</a>	739.3800	2215.1182
<input checked="" type="checkbox"/>	<a href="#">1125</a>	751.7400	2252.1982
<input checked="" type="checkbox"/>	<a href="#">1148</a>	789.3900	2365.1482
<input checked="" type="checkbox"/>	<a href="#">1150</a>	801.2800	2400.8182
<input checked="" type="checkbox"/>	<a href="#">1167</a>	859.6800	2576.0182
<input checked="" type="checkbox"/>	<a href="#">1168</a>	859.9000	2576.6782
<input checked="" type="checkbox"/>	<a href="#">1169</a>	860.2800	2577.8182

## Search Parameters

Type of search : MS/MS Ion Search  
 Enzyme : Trypsin  
 Fixed modifications : Carbamidomethyl (C)  
 Variable modifications : Oxidation (M)  
 Mass values : Monoisotopic  
 Protein Mass : Unrestricted  
 Peptide Mass Tolerance :  $\pm 0.4$  Da  
 Fragment Mass Tolerance :  $\pm 0.4$  Da  
 Max Missed Cleavages : 2  
 Instrument type : ESI-4SECTOR  
 Number of queries : 1194

Mascot: <http://www.matrixscience.com/>