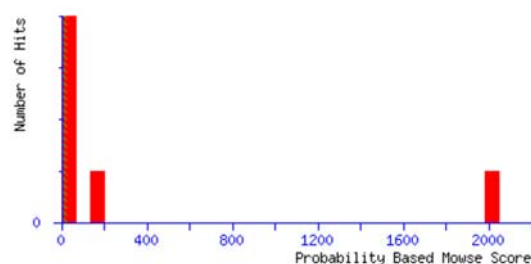


MASCOT SCIENCE Mascot Search Results

User :
Email :
Search title :
MS data file : C:\Dokumente und Einstellungen\Juliane\Eigene Dateien\Qtrap-files\Quantifizierung 01082008\MS2 IP Proben 31072
Database : Sprot 51.6 (257964 sequences; 93947433 residues)
Taxonomy : Rattus (5769 sequences)
Timestamp : 19 Aug 2008 at 15:35:04 GMT
Protein hits : [ANPRA_RAT](#) Atrial natriuretic peptide receptor A precursor (ANP-A) (ANPRA) (GC-A) (Guanylate cyclase) (EC 4.6.1)
[ANPRB_RAT](#) Atrial natriuretic peptide receptor B precursor (ANP-B) (ANPRB) (GC-B) (Guanylate cyclase B) (EC 4.6)
[MPIP2_RAT](#) M-phase inducer phosphatase 2 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25B) - Rattus norvegicus
[K1C10_RAT](#) Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) (KA10) - Rattus norvegicus
[K2C4_RAT](#) Keratin, type II cytoskeletal 4 (Cytokeratin-4) (CK-4) (Keratin-4) (K4) (Type II keratin Kb4) - Rattus norvegicus
[1433E_RAT](#) 14-3-3 protein epsilon (14-3-3E) (Mitochondrial import stimulation factor L subunit) (MSF L) - Rattus norvegicus

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: 2015 Queries matched: 60 emPAI: 3.52
Atrial natriuretic peptide receptor A precursor (ANP-A) (ANPRA) (GC-A) (Guanylate cyclase) (EC 4.6.1.2) (NPR-A) (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
17	409.3000	816.5854	816.4031	0.1823	0	31	0.016	1	R.FTAHWR.V
92	438.8300	875.6454	875.5480	0.0974	1	43	0.00096	1	R.KVLFELK.H
129	457.7800	913.5454	913.4869	0.0586	0	43	0.00075	1	K.IHLSSETK.A
156	484.7600	967.5054	967.4611	0.0444	0	31	0.0094	1	K.DEYALTTR.T
169	491.2600	980.5054	980.4814	0.0240	0	31	0.011	1	R.TQAYLEEK.R
170	497.2400	992.4654	992.4346	0.0309	0	60	1.6e-005	1	K.SSNCVVDGR.F
172	497.7400	993.4654	993.4437	0.0218	0	44	0.00071	1	R.MESNGEALK.I + Oxidation (M)
173	497.7500	993.4854	993.4437	0.0418	0	(34)	0.0067	1	R.MESNGEALK.I + Oxidation (M)
174	497.7600	993.5054	993.4437	0.0618	0	(38)	0.0024	1	R.MESNGEALK.I + Oxidation (M)
198	516.2500	1030.4854	1030.5447	-0.0593	0	41	0.0014	1	K.ELVSELWR.V
203	519.2600	1036.5054	1036.5342	-0.0287	0	40	0.0016	1	R.TYWLLGER.G
215	526.7900	1051.5654	1051.5550	0.0105	0	46	0.0004	1	R.YSLTNDIVK.G
248	536.8300	1071.6454	1071.6110	0.0344	0	87	3.6e-008	1	R.MALALLDAVR.S
253	544.8400	1087.6654	1087.6059	0.0595	0	(49)	0.00024	1	R.MALALLDAVR.S + Oxidation (M)
258	548.3600	1094.7054	1094.6448	0.0607	0	91	1.2e-008	1	R.VGPAVELALAR.V
260	549.8200	1097.6254	1097.6233	0.0021	0	35	0.0044	1	K.LWTAPELLR.M
261	550.2800	1098.5454	1098.5710	-0.0255	0	37	0.0028	1	R.SFQGVGTGYLEK.I
263	556.3200	1110.6254	1110.5418	0.0837	0	52	0.0001	1	R.DVQNEHLTR.F
274	564.7900	1127.5654	1127.6087	-0.0433	0	50	0.0002	1	K.LGDFVTALHR.R
323	600.8300	1199.6454	1199.5822	0.0632	0	31	0.015	1	K.ITDYGLESFR.D
334	613.8800	1225.7454	1225.7183	0.0272	1	43	0.00075	1	K.KLWTAPELLR.M
486	690.8800	1379.7454	1379.7674	-0.0219	0	39	0.002	1	K.ARPDLLPGWTVR.M
539	490.2400	1467.6982	1467.6994	-0.0012	0	38	0.002	1	R.DPEPEQGHTLFAK.K
543	737.8900	1473.7654	1473.7423	0.0232	0	45	0.0005	1	K.ENSSNILDNLSR.M
<input checked="" type="checkbox"/> 547	738.9600	1475.9054	1475.9075	-0.0021	0	67	3.6e-006	1	R.VPLLTAGAPALGIGVK.D

<input checked="" type="checkbox"/>	558	747.3400	1492.6654	1492.7085	-0.0431	0	49	0.00019	1	K.EPDNPEYLEFLK.Q
<input checked="" type="checkbox"/>	561	748.3900	1494.7654	1494.7943	-0.0288	0	49	0.00016	1	K.SAQGLVPQKPWER.G
<input checked="" type="checkbox"/>	564	752.3600	1502.7054	1502.6824	0.0231	0	78	2.3e-007	1	R.YCLFGDTVNTASR.M
<input checked="" type="checkbox"/>	568	755.8800	1509.7454	1509.7715	-0.0261	0	70	1.7e-006	1	R.SGVFVYEGLDLSPK.E
<input checked="" type="checkbox"/>	611	526.6200	1576.8382	1576.8760	-0.0378	0	44	0.00062	1	R.IGIHTGPVCAGVVGLK.M
<input checked="" type="checkbox"/>	612	789.4900	1576.9654	1576.8760	0.0895	0	(41)	0.0014	1	R.IGIHTGPVCAGVVGLK.M
<input checked="" type="checkbox"/>	655	538.9400	1613.7982	1613.8161	-0.0180	1	44	0.00069	1	R.VRWEDLQPSSLER.H
<input checked="" type="checkbox"/>	663	821.4200	1640.8254	1640.8603	-0.0348	0	55	4.1e-005	1	K.LYWPLGYPPDPVK.C
<input checked="" type="checkbox"/>	664	821.4200	1640.8254	1640.8603	-0.0348	0	(51)	0.00011	1	K.LYWPLGYPPDPVK.C
<input checked="" type="checkbox"/>	665	548.0500	1641.1282	1640.8603	0.2679	0	(51)	0.00011	1	K.LYWPLGYPPDPVK.C
<input checked="" type="checkbox"/>	673	833.9200	1665.8254	1665.8250	0.0005	0	91	1.5e-008	1	K.AVLEEFDGFLELR.G
<input checked="" type="checkbox"/>	675	556.3300	1665.9682	1665.8250	0.1432	0	(80)	1.7e-007	1	K.AVLEEFDGFLELR.G
<input checked="" type="checkbox"/>	677	835.9400	1669.8654	1669.8576	0.0078	0	80	1.4e-007	1	R.LGWEHQALVLYADR.L
<input checked="" type="checkbox"/>	678	557.6300	1669.8682	1669.8576	0.0106	0	(58)	2.6e-005	1	R.LGWEHQALVLYADR.L
<input checked="" type="checkbox"/>	738	602.6200	1804.8382	1804.9393	-0.1012	0	(73)	6.8e-007	1	K.VETIGDAYMVVSGLPVR.N
<input checked="" type="checkbox"/>	739	903.4400	1804.8654	1804.9393	-0.0739	0	102	1e-009	1	K.VETIGDAYMVVSGLPVR.N
<input checked="" type="checkbox"/>	742	607.9600	1820.8582	1820.9343	-0.0761	0	(59)	1.6e-005	1	K.VETIGDAYMVVSGLPVR.N + Oxidation (M)
<input checked="" type="checkbox"/>	743	911.4400	1820.8654	1820.9343	-0.0688	0	(84)	5.1e-008	1	K.VETIGDAYMVVSGLPVR.N + Oxidation (M)
<input checked="" type="checkbox"/>	744	607.9900	1820.9482	1820.9343	0.0139	0	(55)	3.8e-005	1	K.VETIGDAYMVVSGLPVR.N + Oxidation (M)
<input checked="" type="checkbox"/>	753	933.8800	1865.7454	1865.8465	-0.1010	0	(89)	2e-008	1	R.MEQYANNLEELVEER.T
<input checked="" type="checkbox"/>	754	622.9400	1865.7982	1865.8465	-0.0483	0	(54)	5.8e-005	1	R.MEQYANNLEELVEER.T
<input checked="" type="checkbox"/>	763	941.9100	1881.8054	1881.8414	-0.0360	0	110	1.4e-010	1	R.MEQYANNLEELVEER.T + Oxidation (M)
<input checked="" type="checkbox"/>	764	628.2800	1881.8182	1881.8414	-0.0232	0	(69)	1.7e-006	1	R.MEQYANNLEELVEER.T + Oxidation (M)
<input checked="" type="checkbox"/>	780	1001.8500	2001.6854	2001.8415	-0.1560	0	(37)	0.002	1	R.DTDFSLWMDMPETGAFR.V
<input checked="" type="checkbox"/>	782	668.2600	2001.7582	2001.8415	-0.0833	0	(37)	0.0024	1	R.DTDFSLWMDMPETGAFR.V
<input checked="" type="checkbox"/>	783	1009.9200	2017.8254	2017.8364	-0.0109	0	66	2.9e-006	1	R.DTDFSLWMDMPETGAFR.V + Oxidation (M)
<input checked="" type="checkbox"/>	784	673.6300	2017.8682	2017.8364	0.0318	0	(51)	0.00011	1	R.DTDFSLWMDMPETGAFR.V + Oxidation (M)
<input checked="" type="checkbox"/>	786	675.0500	2022.1282	2022.1149	0.0132	0	34	0.0052	1	K.AEALLYQILPHSVAEQLK.R
<input checked="" type="checkbox"/>	807	696.6700	2086.9882	2086.9969	-0.0087	0	43	0.00069	1	R.LGDDRPCFFIVEGLYMR.V
<input checked="" type="checkbox"/>	813	704.7200	2111.1382	2111.0826	0.0555	1	35	0.0046	1	K.IITYKEPDNPEYLEFLK.Q
<input checked="" type="checkbox"/>	821	713.0200	2136.0382	2136.1215	-0.0833	0	81	9.3e-008	1	R.GSQAGDVYSFGIILQEIALR.S
<input checked="" type="checkbox"/>	851	786.4100	2356.2082	2356.1423	0.0659	0	67	2.2e-006	1	K.WEHSAPVFLGPGCVYSAAPVGR.F
<input checked="" type="checkbox"/>	856	795.0300	2382.0682	2382.0807	-0.0125	0	55	3.9e-005	1	R.FVGACTDPPNICILTEYCPR.G
<input checked="" type="checkbox"/>	862	815.6500	2443.9282	2444.0339	-0.1057	1	46	0.00025	1	R.NGDRDRTDPSLWMDMPETGAFR.V
<input checked="" type="checkbox"/>	873	849.7400	2546.1982	2546.2356	-0.0375	0	77	2.1e-007	1	R.MVLGSSENAAGVCSDTAAPLAVDLK.W

2. [ANPRB_RAT](#) Mass: 117908 Score: 143 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

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
92	438.8300	875.6454	875.5116	0.1338	0	43	0.00096	1	R.QVLFELK.H
169	491.2600	980.5054	980.4814	0.0240	0	31	0.011	1	R.TQAYLEEK.R
203	519.2600	1036.5054	1036.5342	-0.0287	0	40	0.0016	1	R.TYWLLGER.K
564	752.3600	1502.7054	1502.6824	0.0231	0	78	2.3e-007	1	R.YCLFGDTVNTASR.M
786	675.0500	2022.1282	2022.1149	0.0132	0	34	0.0052	1	K.AEALLYQILPHSVAEQLK.R

3. [MPIP2_RAT](#) Mass: 64987 Score: 51 Queries matched: 1 emPAI: 0.05

M-phase inducer phosphatase 2 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25B) - 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"/> 127	457.2700	912.5254	912.5393	-0.0138	1	51	0.00012	1	R.DVPVLSKR.R

4. [K1C10_RAT](#) Mass: 56699 Score: 40 Queries matched: 1 emPAI: 0.06

Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) (KA10) - 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"/> 347	412.2700	1233.7882	1233.6717	0.1165	1	40	0.002	1	R.LKYENEVALR.Q

5. [K2C4_RAT](#) Mass: 57973 Score: 37 Queries matched: 1 emPAI: 0.06

Keratin, type II cytoskeletal 4 (Cytokeratin-4) (CK-4) (Keratin-4) (K4) (Type II keratin Kb4) - 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"/> 262	554.2900	1106.5654	1106.5720	-0.0065	1	37	0.003	1	R.AQYEEIARK.S

6. [1433E_RAT](#) Mass: 29326 Score: 34 Queries matched: 1 emPAI: 0.11
14-3-3 protein epsilon (14-3-3E) (Mitochondrial import stimulation factor L subunit) (MSF L) - 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
164	489.2300	976.4454	976.4899	-0.0445	0	34	0.0071	1	R.QMVETELK.L

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
562	499.3900	1495.1482	1494.7943	0.3539	0	29	0.0096	1	SAQGLVPQKPWER
137	466.7500	931.4854	931.5087	-0.0232	1	29	0.028	1	SSASKIPSR
521	714.3500	1426.6854	1426.6915	-0.0060	0	28	0.022	1	VIIYCSPDAFR
163	489.2300	976.4454	976.4899	-0.0445	0	28	0.031	1	QMVETELK
719	587.7500	1760.2282	1759.8886	0.3395	1	28	0.023	1	KNCAILIENDQSISR
522	478.2500	1431.7282	1431.6857	0.0425	0	28	0.027	1	LFFQPYQAGMSK + Oxidation (M)
254	544.8700	1087.7254	1087.6059	0.1195	0	28	0.032	1	MALALLDAVR + Oxidation (M)
468	680.3200	1358.6254	1358.6466	-0.0212	0	27	0.029	1	WEDLQPSLER
50	424.2800	846.5454	846.4447	0.1008	0	27	0.045	1	SEITELR
371	417.2500	1248.7282	1248.6748	0.0534	1	26	0.04	1	TVLSDKSVLCK
171	497.2700	992.5254	992.4346	0.0909	0	26	0.037	1	SSNCVVDGR
374	628.2800	1254.5454	1254.5550	-0.0096	0	26	0.04	1	MEQYANNLEK + Oxidation (M)
9	392.3200	782.6254	782.4399	0.1856	1	26	0.034	1	TLHREK
5	387.8200	773.6254	773.4647	0.1608	1	26	0.064	1	SVAKLEK
161	489.2200	976.4254	976.4535	-0.0281	0	25	0.056	1	QMAELEEK
160	488.7400	975.4654	975.4695	-0.0041	0	25	0.057	1	QEEVCAIK
537	489.2300	1464.6682	1464.5852	0.0830	0	25	0.051	1	SDDEGDENLQDTK
781	1001.8600	2001.7054	2001.8415	-0.1360	0	25	0.038	1	DTDFSLWDMDPETGAFR
880	884.1100	2649.3082	2649.2711	0.0371	1	24	0.04	1	ITDYGLESFRDPEPEQGHTLFAK
234	530.7900	1059.5654	1059.5560	0.0094	1	24	0.078	1	LNKDNDTLK
165	489.2300	976.4454	976.4899	-0.0445	0	24	0.081	1	MEIQEAIK + Oxidation (M)
724	587.7600	1760.2582	1759.8886	0.3695	1	23	0.06	1	KNCAILIENDQSISR
162	489.2200	976.4254	976.4899	-0.0645	0	23	0.11	1	QMVETELK
287	581.2400	1160.4654	1160.6336	-0.1681	2	22	0.11	1	VTGGMKVKADR
717	587.7500	1760.2282	1759.8886	0.3395	1	22	0.094	1	KNCAILIENDQSISR
12	396.7300	791.4454	791.3959	0.0495	1	22	0.13	1	KQMETR
10	394.3000	786.5854	786.4712	0.1143	1	21	0.15	1	RIELTR
231	530.7800	1059.5454	1059.5131	0.0323	0	21	0.15	1	LLCGGGAADR
827	737.7400	2210.1982	2210.0967	0.1014	0	21	0.095	1	LGEHNINVLGDEQFINAAK
725	587.7600	1760.2582	1759.8886	0.3695	1	21	0.093	1	KNCAILIENDQSISR
11	396.7200	791.4254	791.3483	0.0771	0	20	0.17	1	QDLCEK
716	587.7500	1760.2282	1759.8886	0.3395	1	20	0.13	1	KNCAILIENDQSISR
241	530.8000	1059.5854	1059.5560	0.0294	1	20	0.18	1	LNKDNDTLK
714	587.7500	1760.2282	1759.8886	0.3395	1	20	0.13	1	KNCAILIENDQSISR
221	530.7600	1059.5054	1059.5560	-0.0506	0	20	0.19	1	LLQDISDTR
715	587.7500	1760.2282	1759.8886	0.3395	1	20	0.13	1	KNCAILIENDQSISR
508	470.8300	1409.4682	1409.7047	-0.2365	1	20	0.16	1	MGAFIDKPKMEK + Oxidation (M)
718	587.7500	1760.2282	1759.8886	0.3395	1	20	0.14	1	KNCAILIENDQSISR
672	554.2900	1659.8482	1659.7641	0.0841	2	20	0.15	1	RFFREYEEAEER
175	498.2200	994.4254	994.4389	-0.0135	1	20	0.15	1	MEESRAEK + Oxidation (M)
321	398.2200	1191.6382	1191.5634	0.0747	0	19	0.18	1	YFVDVAMGYK
239	530.7900	1059.5654	1059.5560	0.0094	1	19	0.24	1	LNKDNDTLK
128	457.7300	913.4454	913.4869	-0.0414	0	19	0.21	1	IHLSETK
572	505.2400	1512.6982	1512.7056	-0.0074	1	19	0.19	1	ETQSVSTEDFRSK
565	753.0000	1503.9854	1503.7755	0.2099	1	18	0.2	1	FADILSMADHLKK + Oxidation (M)
713	587.7500	1760.2282	1759.8886	0.3395	1	18	0.2	1	KNCAILIENDQSISR
330	607.9600	1213.9054	1213.7506	0.1548	1	18	0.24	1	VIVISRSLTAR
766	949.0600	1896.1054	1895.9523	0.1531	1	18	0.21	1	ALPATPQLPSRSGMDSR + Oxidation (M)
240	530.8000	1059.5854	1059.5560	0.0294	1	18	0.3	1	LNKDNDTLK
244	532.3300	1062.6454	1062.5683	0.0772	0	18	0.27	1	HRPQEQLR
727	587.7700	1760.2882	1759.8886	0.3995	1	18	0.15	1	KNCAILIENDQSISR
61	429.1200	856.2254	856.4476	-0.2222	0	18	0.28	1	LIESMHK
188	508.2400	1014.4654	1014.5710	-0.1055	0	18	0.35	1	TLPALGSQTK
723	587.7600	1760.2582	1759.8886	0.3695	1	18	0.19	1	KNCAILIENDQSISR
750	622.3000	1863.8782	1863.7979	0.0803	0	18	0.24	1	CDMLTDPNQEVLEER + Oxidation (M)
243	532.3100	1062.6054	1062.5743	0.0311	0	18	0.3	1	SCILVSISGK

227	530.7800	1059.5454	1059.6440	-0.0986	1	18	0.34	1	ILFNNAIKK
534	489.2200	1464.6382	1464.7105	-0.0723	0	18	0.29	1	VADGMAFGALLPCK + Oxidation (M)
706	583.3100	1746.9082	1746.9529	-0.0447	2	18	0.27	1	YPNGFRDVLRELIR
212	524.2900	1046.5654	1046.5794	-0.0140	0	18	0.35	1	NIVTVAGMVK + Oxidation (M)
532	488.7400	1463.1982	1462.8251	0.3731	2	18	0.056	1	MLKEVQMLKALK + 2 Oxidation (M)
140	468.2300	934.4454	934.4872	-0.0418	0	17	0.34	1	ESFVAQVR
236	530.7900	1059.5654	1059.5560	0.0094	1	17	0.36	1	LNKDNDTLK
303	587.7500	1173.4854	1173.6540	-0.1685	1	17	0.32	1	LIKPMKDGTR + Oxidation (M)
726	587.7700	1760.2882	1759.8886	0.3995	1	17	0.18	1	KNCAILLIENDQSISR
864	819.3700	2455.0882	2455.1637	-0.0756	2	17	0.21	1	AAVRFGMFEFLSNHMRDAQGR + Oxidation (M)
2	386.2900	770.5654	770.4399	0.1256	0	17	0.35	1	QAGVAIGR
230	530.7800	1059.5454	1059.5560	-0.0106	1	17	0.41	1	LNKDNDTLK
265	557.6300	1113.2454	1113.5488	-0.3034	1	17	0.3	1	VKSMEYVSR + Oxidation (M)
749	932.9100	1863.8054	1863.7979	0.0076	0	17	0.31	1	CDMLTDPNQEVLEER + Oxidation (M)
30	412.2700	822.5254	822.4422	0.0833	0	16	0.32	1	YVAAMIR
232	530.7900	1059.5654	1059.5560	0.0094	1	16	0.45	1	LNKDNDTLK
550	497.2400	1488.6982	1488.6879	0.0103	1	16	0.37	1	SCKSELPSSAPGGGGV
424	436.9600	1307.8582	1307.6469	0.2112	2	16	0.39	1	NKYEDEINKR
148	472.3400	942.6654	942.5862	0.0793	1	16	0.46	1	IIDLVS KR
179	499.3900	996.7654	996.5465	0.2190	1	16	0.36	1	GGVGGAGAAPRK
660	544.8700	1631.5882	1631.8916	-0.3035	1	16	0.37	1	QTCLKT VVLLTDNK
314	587.7800	1173.5454	1173.7016	-0.1561	2	16	0.46	1	ILMGSTLRKR
653	536.8300	1607.4682	1607.7580	-0.2898	0	16	0.33	1	LSDYDIHQEIGR
536	489.2300	1464.6682	1464.7824	-0.1142	1	16	0.45	1	SKATNDEIFSILK
176	498.2200	994.4254	994.5382	-0.1127	2	16	0.38	1	FEMKLLR + Oxidation (M)
133	465.7900	929.5654	929.5334	0.0320	1	16	0.52	1	WAGKDILK
404	429.1900	1284.5482	1284.6786	-0.1304	1	15	0.42	1	AKPEVQDKQSR
285	387.8200	1160.4382	1160.6336	-0.1954	2	15	0.51	1	KGDRMVSQLK
205	521.7300	1041.4454	1041.5131	-0.0676	0	15	0.51	1	LLES DYFR
886	911.4400	2731.2982	2731.4843	-0.1862	1	15	0.3	1	MSQLLVPGASVPSPLRPWPQTKSAK
275	565.3100	1128.6054	1128.6325	-0.0270	1	15	0.58	1	LKVMLADSPR
533	489.2200	1464.6382	1464.6732	-0.0351	0	15	0.51	1	TTQATDLSADWEK
615	790.3500	1578.6854	1578.7824	-0.0970	0	15	0.48	1	LVTMLSASGSSHFAR + Oxidation (M)
349	412.7900	1235.3482	1235.6510	-0.3028	0	15	0.46	1	EKPEAPLAEPR
223	530.7700	1059.5254	1059.6189	-0.0934	1	15	0.61	1	IIDFGLARR
498	466.7900	1397.3482	1397.6829	-0.3347	1	15	0.31	1	AVVLMGKNTMMR + 3 Oxidation (M)
535	489.2300	1464.6682	1464.6732	-0.0051	0	15	0.52	1	TTQATDLSADWEK
721	587.7500	1760.2282	1759.8886	0.3395	1	15	0.45	1	KNCAILLIENDQSISR
180	504.2100	1006.4054	1006.4502	-0.0447	1	15	0.56	1	ACKTEADGR
470	454.0200	1359.0382	1358.6976	0.3406	1	15	0.43	1	TKHLSLMSSPSR + Oxidation (M)
85	433.0900	864.1654	864.3937	-0.2283	0	15	0.51	1	TDSSQTAR
710	587.7300	1760.1682	1759.8886	0.2795	1	15	0.54	1	KNCAILLIENDQSISR
305	587.7500	1173.4854	1173.6540	-0.1685	1	15	0.6	1	LIKPMKDGTR + Oxidation (M)
428	439.1900	1314.5482	1314.7448	-0.1967	0	15	0.54	1	LGHLPYSLFR
13	398.2200	794.4254	794.4650	-0.0396	0	15	0.49	1	IIAPPER
331	607.9900	1213.9654	1213.6779	0.2876	2	14	0.51	1	KKTLPGAESQR
77	430.8900	859.7654	859.4586	0.3069	0	14	0.79	1	LILDCAR
397	429.1200	1284.3382	1284.6310	-0.2928	0	14	0.45	1	SPSEGPVATTSPR
369	625.0200	1248.0254	1247.6795	0.3459	0	14	0.4	1	MGLAISLVATEK + Oxidation (M)
662	819.3700	1636.7254	1636.8169	-0.0914	1	14	0.57	1	AKQNPVPGSSGGDPAAK
581	510.2700	1527.7882	1527.5653	0.2228	1	14	0.6	1	HYRDCMGMDGR + Oxidation (M)
610	787.3700	1572.7254	1572.7606	-0.0352	1	14	0.62	1	EYTCLAFKVAESR
503	469.2100	1404.6082	1404.7321	-0.1239	1	14	0.67	1	TGAGKSSTGNSILGR
712	587.7400	1760.1982	1759.8886	0.3095	1	14	0.59	1	KNCAILLIENDQSISR
603	522.2800	1563.8182	1563.7749	0.0433	2	14	0.54	1	RDGDKLVVECVMK + Oxidation (M)
709	587.7300	1760.1682	1759.8886	0.2795	1	14	0.63	1	KNCAILLIENDQSISR
592	517.2800	1548.8182	1548.6991	0.1191	0	14	0.68	1	GWEEGVAQM SVGQR + Oxidation (M)
450	446.8400	1337.4982	1337.7415	-0.2434	1	14	0.67	1	IPDLQSGPRSLR
799	686.3800	2056.1182	2055.9585	0.1597	0	14	0.56	1	CWAEDPQERPPFQQIR
8	389.3200	776.6254	776.4181	0.2074	0	14	0.88	1	FNEIVR
229	530.7800	1059.5454	1059.5825	-0.0371	1	14	0.85	1	LLEGPRYGR
272	564.2700	1126.5254	1126.5870	-0.0616	0	14	0.73	1	QPVELTPTDK
238	530.7900	1059.5654	1059.5825	-0.0171	1	13	0.88	1	LLEGPRYGR
711	587.7400	1760.1982	1759.8886	0.3095	1	13	0.68	1	KNCAILLIENDQSISR
494	465.9600	1394.8582	1394.6289	0.2293	1	13	0.68	1	KSDYFMAFSAGR + Oxidation (M)
62	429.1200	856.2254	856.4767	-0.2512	1	13	0.82	1	GQKTPAQK

309	587.7600	1173.5054	1173.6540	-0.1485	1	13	0.82	1	LIKPMKDGTR + Oxidation (M)
586	512.2400	1533.6982	1533.7861	-0.0879	2	13	0.72	1	TKITWMKAEDPSK
123	453.7500	905.4854	905.5083	-0.0228	1	13	0.87	1	FIQSKGAR
237	530.7900	1059.5654	1059.5825	-0.0171	1	13	0.98	1	LLEGPRYGR
101	442.2800	882.5454	882.4308	0.1147	1	13	0.63	1	YSSRTNR
199	517.2800	1032.5454	1032.5638	-0.0183	0	13	0.86	1	TIIANLTCK
451	447.0300	1338.0682	1337.7204	0.3478	1	13	0.46	1	HINLNHYATKK
884	897.8900	2690.6482	2690.2972	0.3510	0	13	0.5	1	SDMYSLGVILLELFPFGTEMER + Oxidation (M)
41	416.8300	831.6454	831.4702	0.1753	0	13	1.1	1	TSIEVGVK
222	530.7600	1059.5054	1059.5825	-0.0771	1	13	1	1	LLEGPRYGR
559	498.8000	1493.3782	1493.7562	-0.3780	1	13	0.47	1	GPAGIPGPPGMKGHR + Oxidation (M)
852	786.8800	2357.6182	2357.2637	0.3544	2	13	0.25	1	AVSKPSRPDMNPIRVKEVYR + Oxidation (M)
720	587.7500	1760.2282	1759.8886	0.3395	1	13	0.73	1	KNCAILIENDQSISR
245	534.7500	1067.4854	1067.5400	-0.0545	0	13	0.73	1	EYGAFVVQR
386	425.8200	1274.4382	1274.7347	-0.2965	2	13	0.87	1	KTPGFRLVEK
197	512.2400	1022.4654	1022.5253	-0.0598	2	13	0.91	1	KMDKMVQK + Oxidation (M)
473	454.5300	1360.5682	1360.7609	-0.1927	2	13	0.9	1	QAMTRRSIAALK + Oxidation (M)
476	457.2000	1368.5782	1368.8453	-0.2671	1	12	0.89	1	VAAGLQIRLLTSK
233	530.7900	1059.5654	1059.5825	-0.0171	1	12	1.1	1	LLEGPRYGR
401	429.1800	1284.5182	1284.6866	-0.1685	0	12	0.89	1	LAAGLFDYLR
462	449.8700	1346.5882	1346.7082	-0.1200	1	12	0.91	1	GPDSVFLIKEDK
370	417.2500	1248.7282	1248.6067	0.1215	1	12	1	1	AAMRTAMANANK
292	389.3200	1164.9382	1164.7091	0.2291	1	12	0.84	1	IHLSATRLVR
762	627.3100	1878.9082	1879.0350	-0.1268	1	12	0.89	1	TAGIRVIMVTGDHPITAK
765	629.3800	1885.1182	1884.9442	0.1740	2	12	0.91	1	EEHLTTNGYRKIPGDR
425	438.2100	1311.6082	1311.6605	-0.0523	2	12	0.91	1	SSGSPKFAMKTR + Oxidation (M)
413	431.0400	1290.0982	1289.7455	0.3526	0	12	0.23	1	HINPVAASLIQK
769	636.2400	1905.6982	1905.9883	-0.2902	2	12	0.89	1	RVSVGIFGSPWMAAKER + Oxidation (M)
184	505.2300	1008.4454	1008.4625	-0.0170	1	12	0.93	1	RDYEVDR
808	702.3700	2104.0882	2104.0544	0.0338	2	12	0.82	1	LEKQLAEKAAMSDAMVPK + Oxidation (M)
410	429.8000	1286.3782	1286.6765	-0.2983	1	12	0.96	1	CITIPRSLDGR
681	561.3600	1681.0582	1680.8804	0.1778	1	12	0.95	1	VMATSGCAAIRFIIR + Oxidation (M)
902	1020.4600	3058.3582	3058.6467	-0.2885	0	12	0.53	1	WGDAAWAVGPVTIACLGALATLFLVGVFVR
353	414.3100	1239.9082	1239.7412	0.1670	2	12	0.92	1	KVTTTPGRKPR
416	431.2400	1290.6982	1290.6853	0.0129	1	12	1.1	1	KTLGADDIMLAK + Oxidation (M)
194	511.2300	1020.4454	1020.5134	-0.0680	1	12	1.2	1	MAASGRGLSR + Oxidation (M)
304	587.7500	1173.4854	1173.6540	-0.1685	1	12	1.2	1	LIKPMKDGTR + Oxidation (M)
302	587.7500	1173.4854	1173.6679	-0.1824	0	12	1.2	1	ILMDLDVVLK + Oxidation (M)
121	450.2100	898.4054	898.4549	-0.0494	0	12	1.1	1	VQSFYQK
185	505.2400	1008.4654	1008.4546	0.0109	1	12	1	1	MESKDQGA + Oxidation (M)
510	707.6800	1413.3454	1413.7212	-0.3757	1	12	0.63	1	SVPAASGGDKAVAR
875	854.3900	2560.1482	2560.1765	-0.0283	1	12	0.76	1	YGAQDDVNGQWNGMVRELIDHK + Oxidation (M)
235	530.7900	1059.5654	1059.5131	0.0523	0	12	1.4	1	LLCGGGAADR
430	440.2100	1317.6082	1317.7557	-0.1476	0	12	1.3	1	AFRPFTPLITR
456	447.8400	1340.4982	1340.8180	-0.3198	1	12	1.1	1	YSKVIQLLHIK
686	564.3000	1689.8782	1689.7715	0.1066	1	11	1.1	1	CGATGIPGPEMSWRR + Oxidation (M)
36	415.1800	828.3454	828.5042	-0.1587	2	11	1.5	1	RRTLQR
551	497.2700	1488.7882	1488.7759	0.0123	0	11	1.1	1	QMALESILQGFR
511	472.2200	1413.6382	1413.6236	0.0145	2	11	1.3	1	GMKNAMNMKDMK + Oxidation (M)
801	687.3600	2059.0582	2059.0269	0.0313	2	11	0.88	1	DRFLDSRLGSKPMGHSEK
816	1060.9900	2119.9654	2120.1702	-0.2047	1	11	1	1	QQRVAEVIAPTANGAAVELVR
457	449.1300	1344.3682	1344.6820	-0.3138	1	11	1	1	DDPMLLSSGRVR
228	530.7800	1059.5454	1059.5825	-0.0371	1	11	1.5	1	LLEGPRYGR
688	565.3100	1692.9082	1692.6494	0.2587	0	11	1.1	1	ESTMSAEEDYMADAK + Oxidation (M)
131	461.7500	921.4854	921.4556	0.0299	0	11	1.1	1	QFADLNSK
139	467.2500	932.4854	932.4464	0.0390	1	11	1.5	1	KNDHTYR
600	521.7500	1562.2282	1561.9119	0.3162	0	11	0.43	1	YPTLLEVLNFLK
396	429.1200	1284.3382	1284.6144	-0.2763	2	11	0.97	1	GGGGGGGGGGGGGGGR
621	530.7400	1589.1982	1588.8031	0.3951	1	11	0.74	1	LNQRYEMHELLK + Oxidation (M)
226	530.7800	1059.5454	1059.5825	-0.0371	1	11	1.6	1	LLEGPRYGR
106	446.1100	890.2054	890.4895	-0.2841	1	11	1.7	1	IKMDLQK + Oxidation (M)
491	696.6700	1391.3254	1391.6714	-0.3460	0	11	0.68	1	ANVINEIMSTER + Oxidation (M)
220	530.7400	1059.4654	1059.5825	-0.1171	1	11	1.6	1	LLEGPRYGR
798	685.6700	2053.9882	2054.0810	-0.0928	2	11	1	1	QKWGHGRSLLFEGVIGDR
47	421.7700	841.5254	841.5385	-0.0131	1	11	1.2	1	VAAGAKVVK
242	530.8100	1059.6054	1059.5825	0.0229	1	11	1.6	1	LLEGPRYGR

329	404.9200	1211.7382	1211.5611	0.1770	0	11	1.4	1	AHTDFFEAFK
787	675.3800	2023.1182	2023.2194	-0.1012	0	11	1.2	1	ILSAINQPVVVVAIVGLYR
432	440.2500	1317.7282	1317.7187	0.0095	1	11	1.5	1	MAATAAVSGVLR + Oxidation (M)
151	473.3000	944.5854	944.4927	0.0928	0	11	1.7	1	DIDINSIR
307	587.7500	1173.4854	1173.6618	-0.1764	1	11	1.5	1	ELLNRIFN
845	768.8700	2303.5882	2303.3378	0.2503	2	11	0.44	1	ALRALPITQHSRIWPLYLR
800	686.6500	2056.9282	2057.0276	-0.0994	1	11	1.1	1	EREQTLEALEAEALQAEAK
90	438.2100	874.4054	874.5249	-0.1195	2	11	1.8	1	AHVKKRK
342	411.1500	1230.4282	1230.6568	-0.2286	2	11	1.4	1	GPTITDKDRTK
381	423.6600	1267.9582	1267.6819	0.2762	1	11	1.4	1	AQGTRVLVHCK
485	688.3400	1374.6654	1374.7653	-0.0998	2	11	1.3	1	GKKTNIIDSMRL
914	1242.1400	3723.3982	3723.7829	-0.3848	1	11	0.27	1	KGMPFAQWDGPTVVSWLELWVGMPAWVAACR + Oxidation (M)
373	627.3100	1252.6054	1252.6636	-0.0582	2	11	1.2	1	ARSPREEVGPR
166	490.2300	978.4454	978.5498	-0.1043	1	10	1.6	1	YSRIEAIK
357	415.2300	1242.6682	1242.5928	0.0754	1	10	1.4	1	MGISRDNWHK
192	510.2700	1018.5254	1018.5043	0.0211	1	10	1.7	1	AENRTTEAK
472	681.1800	1360.3454	1360.7020	-0.3566	1	10	1.1	1	GEMKGSALTGPVAK + Oxidation (M)
299	587.7500	1173.4854	1173.6540	-0.1685	1	10	1.6	1	LIKPMKDGTR + Oxidation (M)
500	468.2300	1401.6682	1401.8126	-0.1444	2	10	1.5	1	TKIDIIRMQLR + Oxidation (M)
825	729.3400	2184.9982	2185.1129	-0.1147	1	10	1.2	1	KEVYFMAIIDILTHYDAK + Oxidation (M)
109	446.8400	891.6654	891.4735	0.1919	0	10	1.6	1	MLVIDASK + Oxidation (M)
308	587.7600	1173.5054	1173.6394	-0.1339	0	10	1.6	1	LLQVGFTPDGK
352	414.1600	1239.4582	1239.6459	-0.1877	0	10	1.3	1	LPNDDLQGIQK
912	1120.4700	3358.3882	3358.5122	-0.1240	2	10	0.75	1	GMQEASMKLTESLHEVYEPDWYGREDVK + 2 Oxidation (M)
689	566.2900	1695.8482	1696.0148	-0.1666	0	10	1.3	1	GLNPLAALPQAHLLLR
39	415.7700	829.5254	829.4518	0.0736	2	10	1.9	1	ADKNRAR
659	544.8400	1631.4982	1631.7476	-0.2495	0	10	1.2	1	NMVQWSPFVMSFK + 2 Oxidation (M)
427	438.8300	1313.4682	1313.7053	-0.2371	1	10	1.6	1	EIYNFLKMIK + Oxidation (M)
444	445.0800	1332.2182	1332.5993	-0.3811	1	10	0.29	1	NNAVCKDGWNR
247	535.8500	1069.6854	1069.5768	0.1087	1	10	1.7	1	SLLDKTHK
294	587.7100	1173.4054	1173.6288	-0.2234	1	10	1.7	1	LLRQMODVR + Oxidation (M)
685	564.2700	1689.7882	1689.8403	-0.0521	2	10	1.5	1	MGSNPARALQQMRSK + Oxidation (M)
60	429.0700	856.1254	856.4701	-0.3447	0	10	1.4	1	MAAGRPVR
616	527.2700	1578.7882	1578.8076	-0.0194	1	10	1.6	1	LSFNVELGKMSPNK + Oxidation (M)
283	387.7500	1160.2282	1160.6223	-0.3942	1	10	1.2	1	GLVDKIMVDR + Oxidation (M)
891	949.0600	2844.1582	2844.3422	-0.1840	2	10	1	1	MSGNGRELGEHGLYEYTELKTVAMK + 2 Oxidation (M)
119	449.7500	897.4854	897.5760	-0.0905	1	10	1.4	1	IGQALLKR
596	519.2600	1554.7582	1554.8154	-0.0572	0	10	1.5	1	NQIALWDQLLEGR
746	613.8800	1838.6182	1838.8759	-0.2577	2	10	1.2	1	KNLRDDISSETSGDFR
43	417.2500	832.4854	832.3926	0.0928	1	10	1.9	1	GDAGEEKK
55	428.0100	854.0054	854.3997	-0.3942	0	10	0.32	1	LDWMFK + Oxidation (M)
103	444.9300	887.8454	887.4573	0.3881	1	10	1.9	1	GTVARDNR
81	431.2400	860.4654	860.3988	0.0667	0	10	2.3	1	ATAAQEDR
790	680.4000	2038.1782	2038.0404	0.1377	1	10	1.4	1	GYLQALASKMTTEELEALR + Oxidation (M)
216	527.2700	1052.5254	1052.5363	-0.0108	2	10	1.7	1	YSRSDAAKR
3	387.7500	773.4854	773.4833	0.0022	1	10	2.5	1	KLAAMIK
286	581.2400	1160.4654	1160.6336	-0.1681	2	10	1.9	1	VTGGMKVKAADR
446	446.0400	1335.0982	1334.7055	0.3927	2	10	0.79	1	ERRSFTEAAIR
722	587.7600	1760.2582	1759.8886	0.3695	1	10	1.2	1	KNCALLIENDQSISR
909	1060.9900	3179.9482	3179.6181	0.3301	1	10	0.62	1	QVGQPMNIIIGNMFKLEWVETLLTSMR + 2 Oxidation (M)
340	411.1300	1230.3682	1230.6608	-0.2926	0	10	1.8	1	EGIIPANYVQK
412	430.8900	1289.6482	1289.6874	-0.0392	2	10	1.7	1	NEMQVLRKTR + Oxidation (M)
518	473.3000	1416.8782	1416.7031	0.1750	0	10	1.9	1	VNLSCIGVSDPTR
181	504.2500	1006.4854	1006.5117	-0.0262	2	10	1.8	1	KQMSKEEK
419	432.9900	1295.9482	1295.5784	0.3697	1	10	1.6	1	LQDCMSKMQR
556	498.2200	1491.6382	1491.7715	-0.1333	1	10	1.6	1	ALGMTSSQDRALVK + Oxidation (M)
477	457.2700	1368.7882	1368.5650	0.2232	0	10	1.7	1	TTSSMDPNDMVR + Oxidation (M)
354	415.1800	1242.5182	1242.6720	-0.1539	0	10	1.8	1	ALQASALAAWGGK
207	521.7500	1041.4854	1041.5131	-0.0276	0	10	1.9	1	LLESDYFR
264	556.3300	1110.6454	1110.5782	0.0673	0	10	1.7	1	LGTSAEGAHLR
193	511.1900	1020.3654	1020.4910	-0.1255	0	10	2	1	MVGEETSLR
889	933.8800	2798.6182	2798.3731	0.2451	0	9	1.1	1	VEAFLGAELCQEAHNPIMSVLGQAAK + Oxidation (M)
34	414.1600	826.3054	826.5276	-0.2222	0	9	1.8	1	ILLAVNGK
95	440.2100	878.4054	878.3916	0.0138	0	9	2	1	DQCTVTR
583	511.2300	1530.6682	1530.8188	-0.1506	1	9	1.6	1	LGTRNTIEIQCVK
840	752.3600	2254.0582	2254.1061	-0.0479	1	9	1.2	1	KAHLIVHMENEIICPFCK + Oxidation (M)

6	388.9000	775.7854	775.4440	0.3415	0	9	1.8	1	LVATTGSK
415	431.2100	1290.6082	1290.6853	-0.0771	1	9	1.9	1	KTLGADDIMLAK + Oxidation (M)
867	1242.1400	2482.2654	2482.3332	-0.0677	2	9	1.3	1	HLDAKQIYLYVLRTHNLEEK
429	439.5600	1315.6582	1315.7976	-0.1394	2	9	2.1	1	FIIGKKGQNLAK
654	538.2800	1611.8182	1611.7715	0.0466	0	9	1.8	1	DWVMLSLSNFTQR + Oxidation (M)
126	457.2000	912.3854	912.5393	-0.1538	0	9	1.7	1	AVGIVGIER
320	396.7300	1187.1682	1187.4578	-0.2896	0	9	0.29	1	ESGDHEEEEEK
356	622.3400	1242.6654	1242.6792	-0.0138	2	9	1.9	1	ATGAAAAEAKARR
748	618.7900	1853.3482	1852.9526	0.3956	0	9	0.72	1	TGTIIVIDMLMESVSTK + Oxidation (M)
375	419.2200	1254.6382	1254.7044	-0.0663	1	9	1.8	1	EGLRVGDQILR
531	488.5500	1462.6282	1462.7681	-0.1399	1	9	2	1	WGVAIRFDSGLSR
75	429.8000	857.5854	857.5334	0.0520	0	9	2.7	1	SLLLSGLR
463	450.2100	1347.6082	1347.7221	-0.1139	0	9	1.9	1	MVAIVGLTQWSK + Oxidation (M)
587	768.8700	1535.7254	1535.8494	-0.1239	1	9	1.9	1	LPTMSSRLVYTLR
866	821.4200	2461.2382	2461.3152	-0.0770	0	9	1.4	1	MSQLLVPGASVPSPLRPWGPQTK + Oxidation (M)
871	849.0200	2544.0382	2544.2642	-0.2260	0	9	1.3	1	SQALLPDTPSPLTGNAGMATAYAAR
549	742.3800	1482.7454	1482.9133	-0.1679	2	9	1.7	1	LIQADILKNKLSK
480	457.7800	1370.3182	1370.7154	-0.3972	1	9	0.9	1	VGNEVATGTGPNKK
540	490.2600	1467.7582	1467.7391	0.0190	0	9	1.7	1	HLVESTNEMAPLK
372	625.9800	1249.9454	1249.6821	0.2633	2	9	2	1	RKMMLMGLVR + Oxidation (M)
389	427.2900	1278.8482	1278.6932	0.1550	1	9	1.9	1	AKGLEISGTFTR
409	429.5800	1285.7182	1285.7870	-0.0688	1	9	1.9	1	EKVLHLHLAVK
80	431.2100	860.4054	860.4239	-0.0185	0	9	2.7	1	DSSGASLPK
225	530.7800	1059.5454	1059.5825	-0.0371	1	9	2.4	1	LLEGPRYGR
284	387.7700	1160.2882	1160.5197	-0.2315	0	9	2	1	NSATIPESDDL
605	523.2700	1566.7882	1566.7725	0.0157	1	9	1.9	1	AIASYISSHCRFR
387	425.8500	1274.5282	1274.6942	-0.1661	2	9	2	1	ASRVNASKTVDK
391	428.0300	1281.0682	1280.7816	0.2866	1	9	0.74	1	LGSAPVLLVRK
250	538.9400	1075.8654	1075.5695	0.2959	2	9	2.1	1	EKNEKGMLK
115	447.8400	893.6654	893.3913	0.2742	0	9	2	1	AEMDLSGR + Oxidation (M)
760	625.0200	1872.0382	1871.9121	0.1261	0	9	1.7	1	SLSGIYMNMTMLTQIER + Oxidation (M)
502	468.8700	1403.5882	1403.8024	-0.2142	1	9	2	1	VKFLEPVSVSATK
607	524.2900	1569.8482	1569.7697	0.0785	2	9	1.8	1	MWWTLRACFK + Oxidation (M)
4	387.7700	773.5254	773.4833	0.0422	1	9	3	1	LAAMIKK
471	680.6500	1359.2854	1359.6306	-0.3452	0	9	0.8	1	EBAQQLWEAEK
443	444.9300	1331.7682	1331.6404	0.1277	0	9	2.4	1	QYHVASALCQR
815	705.3400	2112.9982	2113.1030	-0.1048	1	9	1.7	1	NGAPFWCLLDIVPIKNEK
68	429.1900	856.3654	856.4879	-0.1224	2	9	2.3	1	RVSKDPR
426	438.7000	1313.0782	1312.6987	0.3795	0	9	1	1	EVITDNLPGSIR
804	691.0400	2070.0982	2070.1222	-0.0240	2	9	1.6	1	RFGAPGGLGETLQEKLLER
495	466.2600	1395.7582	1395.7293	0.0289	0	9	1.9	1	HVGMAVAGLLADAR + Oxidation (M)
332	608.6300	1215.2454	1215.6169	-0.3715	0	9	1.2	1	MLDLEVVPER + Oxidation (M)
383	424.2200	1269.6382	1269.7041	-0.0659	1	9	2	1	LKGGNLGENQIK
736	599.2600	1794.7582	1794.9085	-0.1503	2	9	1.8	1	IHVENQTRARDDVSR
310	587.7600	1173.5054	1173.6679	-0.1624	0	9	2.3	1	ILMDLDVVVK + Oxidation (M)
588	769.3100	1536.6054	1536.7572	-0.1518	1	9	1.9	1	RGVDYNAEIPFEK
256	548.2800	1094.5454	1094.5430	0.0024	1	9	2	1	KDVDAAFMAK
78	431.0400	860.0654	860.4538	-0.3883	1	9	1.8	1	KGLMAADR
674	556.3200	1665.9382	1665.8661	0.0721	0	9	2.2	1	WMHSLQPLDGLITR
48	423.6600	845.3054	845.5235	-0.2181	1	9	3.1	1	HKHILAK
301	587.7500	1173.4854	1173.6679	-0.1824	0	9	2.3	1	ILMDLDVVVK + Oxidation (M)
638	530.7900	1589.3482	1589.6926	-0.3444	0	9	0.31	1	CAELLSSQMENHR + Oxidation (M)
833	742.3400	2223.9982	2224.1310	-0.1328	2	9	1.8	1	KLMLDTWNESIFSNIKNR + Oxidation (M)
417	432.8100	1295.4082	1295.5968	-0.1887	0	9	1.9	1	IFHDMNVNYK + Oxidation (M)
315	392.3200	1173.9382	1173.6394	0.2988	0	9	2.2	1	LLQVGFTPDGK
111	447.0700	892.1254	892.4688	-0.3433	1	9	2.4	1	KEAASLMK + Oxidation (M)
818	707.6800	2120.0182	2120.2569	-0.2387	1	9	1.9	1	NLLRLLEVLSETLPKPTK
339	411.1100	1230.3082	1230.5954	-0.2873	1	9	2	1	MEAIKYDFK + Oxidation (M)
484	687.3600	1372.7054	1372.7714	-0.0660	1	9	2.5	1	EGFPITALREIK
735	897.8900	1793.7654	1793.9900	-0.2246	2	9	1.8	1	GQRSNYALKILQFTR
834	742.3800	2224.1182	2224.2150	-0.0969	2	9	1.8	1	GMSGRPTRTLIEFLLRFSK + Oxidation (M)
196	512.2200	1022.4254	1022.4920	-0.0666	0	9	2.3	1	EFTEAVEAK
64	429.1700	856.3254	856.4879	-0.1624	2	9	2.5	1	RVSKDPR
453	447.1700	1338.4882	1338.7370	-0.2488	1	9	1.8	1	LLKFWMTGLSK + Oxidation (M)
589	770.3000	1538.5854	1538.7325	-0.1471	1	9	2.1	1	RVVYDTQGADGSSGK
449	446.2500	1335.7282	1335.6969	0.0313	1	9	2.2	1	LMADFAQGRVTK

385	636.2400	1270.4654	1270.6881	-0.2226	0	8	2.1	1	QEEVSAIVIQR
667	548.3000	1641.8782	1641.9236	-0.0454	1	8	2.1	1	TLPIVRDVAMTLAAR + Oxidation (M)
7	389.2300	776.4454	776.3929	0.0525	1	8	3.1	1	EPGRYR
437	442.2800	1323.8182	1323.5612	0.2569	0	8	2.1	1	DMEADQTTLER + Oxidation (M)
493	465.7900	1394.3482	1394.6976	-0.3495	2	8	1.4	1	ASKGVTFAGDVGRM
289	582.9500	1163.8854	1163.5539	0.3315	1	8	2.2	1	MRCILQDGR + Oxidation (M)
668	548.3600	1642.0582	1641.8475	0.2107	0	8	2.1	1	GKPGPAEGDPSPALPPR
841	753.0000	2255.9782	2256.0811	-0.1029	0	8	1.7	1	AHFSISNSAEDPFIATIHADSK
124	454.0200	906.0254	906.4117	-0.3862	0	8	0.66	1	EDMIIDR + Oxidation (M)
631	530.7800	1589.3182	1588.9453	0.3728	1	8	0.21	1	IVRSFKPDFILVR
35	414.3100	826.6054	826.5388	0.0666	1	8	2.3	1	LNKAILR
454	447.1800	1338.5182	1338.7442	-0.2260	1	8	1.9	1	ELGRMVQLHLK + Oxidation (M)
692	566.6100	1696.8082	1696.7937	0.0144	1	8	2.3	1	EAAPKATSSTQMASSSK + Oxidation (M)
528	728.8400	1455.6654	1455.8422	-0.1768	1	8	2.2	1	RPYGRNKPLISR
636	530.7900	1589.3482	1589.6926	-0.3444	0	8	0.34	1	CAELLSQMENHR + Oxidation (M)
671	550.2800	1647.8182	1647.9130	-0.0949	1	8	2.2	1	EGLMRVYVQLVVR + Oxidation (M)
178	498.8100	995.6054	995.5916	0.0138	2	8	2.1	1	TYKAAKFR
861	1211.9700	2421.9254	2422.1331	-0.2076	1	8	1.6	1	LDNVMLDAEGHIKITDFGMCK + Oxidation (M)
705	582.9500	1745.8282	1745.9498	-0.1216	2	8	2.3	1	VKDRESFPMILVANK
282	386.2900	1155.8482	1155.6037	0.2445	1	8	2.3	1	VSSLGKDWHK
217	527.2800	1052.5454	1052.5363	0.0092	2	8	2.4	1	YSRSDAAKR
295	587.7300	1173.4454	1173.6540	-0.2085	1	8	2.7	1	LIKPMKDGR + Oxidation (M)
837	747.3400	2238.9982	2239.2437	-0.2455	1	8	2.1	1	RALAGLTPEVQVEGLLHPSR
296	587.7300	1173.4454	1173.6540	-0.2085	1	8	2.7	1	LIKPMKDGR + Oxidation (M)
69	429.1900	856.3654	856.5355	-0.1700	2	8	2.7	1	RSALVRR
97	440.2500	878.4854	878.4167	0.0687	0	8	2.8	1	METAVNAK + Oxidation (M)
414	431.2100	1290.6082	1290.6350	-0.0269	0	8	2.6	1	SQQSMAVGSLGAR
210	522.2800	1042.5454	1042.6750	-0.1296	1	8	3.2	1	LLKASGLTLK
291	389.2300	1164.6682	1164.5274	0.1408	0	8	2.5	1	YFEFTVMGR + Oxidation (M)
566	504.2100	1509.6082	1509.6729	-0.0648	1	8	2.7	1	GKQQDGAMESSQTK + Oxidation (M)
579	508.2800	1521.8182	1521.8225	-0.0043	2	8	2.4	1	SNGKIELIKMFDK
585	512.2200	1533.6382	1533.7569	-0.1187	1	8	2.3	1	QSSMKQIQDAINR + Oxidation (M)
708	587.7100	1760.1082	1759.8853	0.2229	1	8	2.6	1	GAPEPDTQESRIPVHK
318	394.3000	1179.8782	1179.5302	0.3479	0	8	2.4	1	MTLNGGSGAGGSR + Oxidation (M)
647	532.3100	1593.9082	1593.7688	0.1394	1	8	2.3	1	ASWERGFAHGVSYYK
91	438.7000	875.3854	875.4899	-0.1044	0	8	3.2	1	QILLSMR + Oxidation (M)
105	446.0400	890.0654	890.4458	-0.3803	0	8	1.8	1	TAGLDTSAR
448	446.1900	1335.5482	1335.6744	-0.1263	0	8	2.5	1	SYIVMSPESPVK
606	785.9300	1569.8454	1569.7423	0.1032	1	8	2.3	1	QGIYEEYEDIRR
459	449.3400	1344.9982	1344.6530	0.3452	0	8	2.5	1	SAMPVDAPLCLR + Oxidation (M)
281	385.6100	1153.8082	1153.5476	0.2606	1	8	2.6	1	EEAELRDHR
584	511.2900	1530.8482	1530.8664	-0.0182	2	8	2.3	1	MAAAIASSLIQKR + Oxidation (M)
257	548.3000	1094.5854	1094.4662	0.1192	0	8	2.4	1	EMASASSGPSR + Oxidation (M)
555	498.2200	1491.6382	1491.7425	-0.1043	1	8	2.5	1	EALVKSEMNVMNK
313	587.7700	1173.5254	1173.6540	-0.1285	1	8	2.9	1	LIKPMKDGR + Oxidation (M)
300	587.7500	1173.4854	1173.7155	-0.2300	1	8	2.9	1	LISQIKIMTK
107	446.1900	890.3654	890.4718	-0.1063	1	8	3.5	1	IPMSKGMK
489	461.7500	1382.2282	1382.6071	-0.3789	2	8	0.33	1	EDSPRCKGCFK
701	574.3200	1719.9382	1719.8904	0.0478	2	8	2.4	1	GYLDKETNRALTSPR
351	413.2300	1236.6682	1236.7302	-0.0621	2	8	2.3	1	HKDTGRIVAIAK
14	401.1900	800.3654	800.4028	-0.0374	0	8	3.6	1	LGGGPSDAK
58	428.7700	855.5254	855.5654	-0.0399	2	8	2.8	1	IALKKQR
698	573.2500	1716.7282	1716.8642	-0.1361	2	8	2.7	1	SKNGVKDQPSDAVSSK
569	504.6500	1510.9282	1510.9447	-0.0165	1	8	2.3	1	KVAVIGAGVSGLISLK
218	530.7400	1059.4654	1059.5672	-0.1018	1	8	3.4	1	ASSALVDKNR
567	504.2500	1509.7282	1509.6738	0.0544	1	8	2.9	1	LNQQMAKMDPR + 3 Oxidation (M)
104	445.0800	888.1454	888.4487	-0.3033	1	8	3.4	1	KATCPGAGK
881	889.7200	2666.1382	2666.3196	-0.1815	1	8	1.7	1	MHSSMLSKVSQGLGIVFSNGEIKW + 2 Oxidation (M)
142	469.2100	936.4054	936.4487	-0.0433	0	8	2.5	1	MAASSWLR + Oxidation (M)
290	583.3100	1164.6054	1164.5445	0.0609	0	8	2.8	1	NVGTLGLCTDTK
512	472.2700	1413.7882	1413.7663	0.0219	1	8	3.1	1	LLMQFNHRLSR
344	411.2300	1230.6682	1230.7125	-0.0443	1	8	3	1	KFLALYLHGAV
146	472.2700	942.5254	942.5246	0.0008	1	7	3.2	1	AAAGIEKGAR
345	411.4500	1231.3282	1231.5550	-0.2268	1	7	3	1	MGPSGTAHRMR + 2 Oxidation (M)
327	605.8800	1209.7454	1209.7081	0.0373	1	7	2.8	1	APVKVTAAPTQK
278	573.2500	1144.4854	1144.5949	-0.1094	1	7	3.1	1	SGTNNVAQARK

1	385.6100	769.2054	769.4446	-0.2392	1	7	2.5	1	SHSLAKK
117	449.2500	896.4854	896.4716	0.0139	1	7	2.4	1	GDKAHIEK
874	850.0100	2547.0082	2547.2648	-0.2566	2	7	2	1	YTVEDAMAVRMVKQIFGVGVMR + 3 Oxidation (M)
745	608.6300	1822.8682	1823.0516	-0.1834	2	7	2.6	1	TVAVKILKNEANDPALK
333	409.3000	1224.8782	1224.7190	0.1592	0	7	2.7	1	AAPVSLAGLATVR
421	433.9700	1298.8882	1298.7194	0.1688	0	7	2.9	1	SNLLALVGGGSSPK
177	498.8000	995.5854	995.5916	-0.0062	2	7	2.6	1	IYKAAKFR
96	440.2400	878.4654	878.4280	0.0375	1	7	3.4	1	QTAREMK + Oxidation (M)
869	834.9000	2501.6782	2501.3532	0.3250	2	7	0.97	1	MVAAAMLLRSCPVLKSGPTGLLGK + 2 Oxidation (M)
154	479.7800	957.5454	957.5647	-0.0193	0	7	3.8	1	ILIGGNFFPK
211	523.2700	1044.5254	1044.6179	-0.0924	0	7	3.7	1	ILAINSSSLK
838	748.3900	2242.1482	2242.1528	-0.0047	1	7	2.2	1	QGPPGPPGPPSAGQLVMGLKGER + Oxidation (M)
266	560.3000	1118.5854	1118.6044	-0.0189	1	7	3.6	1	ISRTLDTTGR
792	680.6500	2038.9282	2039.1197	-0.1915	2	7	2.5	1	GMLKVNPEERLSIAEVVR
186	506.7400	1011.4654	1011.4886	-0.0232	1	7	3.1	1	RAFANDYR
469	680.4000	1358.7854	1358.7340	0.0515	2	7	3	1	MNRVLQVDKEK
794	682.4000	2044.1782	2044.1351	0.0431	0	7	2.8	1	VVGVGASGSSVSIMVANILR + Oxidation (M)
249	538.2800	1074.5454	1074.6073	-0.0619	0	7	3.7	1	QVISVLAQAF
515	472.3400	1413.9982	1413.7463	0.2518	0	7	3.3	1	LSASEDPLVQSLR
411	430.0800	1287.2182	1287.5441	-0.3260	0	7	0.68	1	YWDLMNSSEK + Oxidation (M)
590	773.8200	1545.6254	1545.8014	-0.1759	0	7	3.5	1	VLCFHGPLLIEAK
529	729.3400	1456.6654	1456.8548	-0.1893	2	7	3.4	1	ILRSVCTRIINI
646	530.8100	1589.4082	1589.7872	-0.3790	0	7	1.6	1	AVQNFPVMVDEVAR + Oxidation (M)
71	429.2000	856.3854	856.4767	-0.0912	0	7	3.6	1	LLGNIDGR
399	429.1700	1284.4882	1284.7302	-0.2421	1	7	3.1	1	GVRAPSFAQKPK
625	530.7600	1589.2582	1588.9123	0.3459	1	7	0.73	1	LIIVMTPNYVVR + Oxidation (M)
703	581.2400	1740.6982	1740.8054	-0.1072	0	7	2.7	1	SYQDSETPESSIITK
882	890.3900	2668.1482	2668.4296	-0.2815	2	7	2.2	1	AEGLRGIYTGLSAGLLRQATYTTTR
911	1103.8900	3308.6482	3308.5033	0.1449	2	7	1.8	1	EENAQIKESVSDLTCLVEMKAEETCHMK
483	458.3000	1371.8782	1371.6493	0.2289	1	7	3.3	1	EMFNSKFGSTPK
316	589.2800	1176.5454	1176.6801	-0.1347	2	7	3.5	1	KGKMQFLLR
360	415.7100	1244.1082	1243.7136	0.3946	2	7	0.65	1	GKENSKEVLK
49	424.2200	846.4254	846.4671	-0.0417	1	7	4.3	1	GTLRASSR
620	530.7400	1589.1982	1588.8031	0.3951	1	7	1.9	1	LNQRYEMHELLK + Oxidation (M)
805	691.0500	2070.1282	2070.0316	0.0965	2	7	2.6	1	VNADALRAKFGLYSDQMR + Oxidation (M)
343	411.1900	1230.5482	1230.6568	-0.1086	0	7	3.5	1	QAASSLQQASLK
74	429.5800	857.1454	857.4970	-0.3516	1	7	4.8	1	EALLKER
431	440.2400	1317.6982	1317.6612	0.0370	1	7	3.9	1	SPRIPTFGCGAR
580	509.9700	1526.8882	1526.8173	0.0708	2	7	3.2	1	ICKTAAALRMHQK
865	821.4200	2461.2382	2461.3152	-0.0770	0	7	2.5	1	MSQLLVPGASVPSPLRPWGPQTK + Oxidation (M)
219	530.7400	1059.4654	1059.5812	-0.1157	1	7	4.3	1	LEIIDKDSK
436	442.1800	1323.5182	1323.5426	-0.0245	0	7	3.2	1	GQGSVSTEDDDSK
141	468.8700	935.7254	935.4456	0.2798	0	7	3.2	1	SVVMPMEK + Oxidation (M)
575	760.3200	1518.6254	1518.8268	-0.2014	2	7	3.4	1	YKPFKGIKYMTK + Oxidation (M)
93	439.1900	876.3654	876.4453	-0.0799	0	7	4.3	1	NNYPTIR
855	790.3500	2368.0282	2368.3011	-0.2729	2	7	2.4	1	MKNTGVYLISRMGVSFLVLPK + Oxidation (M)
405	429.2000	1284.5782	1284.6310	-0.0528	0	7	3.3	1	ANGINPEDLSQK
362	623.2800	1244.5454	1244.7315	-0.1860	0	7	4.3	1	MKPNILVVGFK
546	738.3800	1474.7454	1474.7490	-0.0035	0	7	3.1	1	NILMQLYEPNPK + Oxidation (M)
167	490.2400	978.4654	978.3787	0.0868	0	6	4	1	MGDMGDPPK + 2 Oxidation (M)
418	432.9800	1295.9182	1295.7786	0.1396	1	6	3.3	1	RVIARPVGSSVR
38	415.7100	829.4054	829.4518	-0.0464	2	6	4.4	1	ADKNRAR
863	817.7100	2450.1082	2450.1722	-0.0641	0	6	2.5	1	MATPYVPVPMPIGNSASSFTNNR
644	530.8000	1589.3782	1589.7434	-0.3652	1	6	0.9	1	SQSKSHFSPESGGQK
791	1020.4600	2038.9054	2039.0622	-0.1567	2	6	2.9	1	LAAAFAVSRMEQDKYALR
168	490.2600	978.5054	978.4506	0.0549	0	6	4.1	1	DSSGEVLSSV
617	527.2800	1578.8182	1578.8154	0.0028	2	6	3.6	1	TAVGKFNAENSWKK
519	713.0200	1424.0254	1423.8333	0.1921	1	6	3.3	1	MAAPVLLRVSVPR + Oxidation (M)
54	427.2900	852.5654	852.3470	0.2185	0	6	3.2	1	MLDMGDR + Oxidation (M)
513	707.9300	1413.8454	1413.7728	0.0726	1	6	4.1	1	QKLHDPPELHLGK
517	473.2400	1416.6982	1416.6238	0.0743	1	6	4.2	1	GKQCHSDQGCIC
613	526.7300	1577.1682	1576.8137	0.3545	1	6	2.6	1	AGFIPIKEDFSPEK
76	430.0800	858.1454	858.4923	-0.3468	2	6	5.5	1	DLEARKK
312	587.7700	1173.5254	1173.6394	-0.1139	0	6	4.1	1	LLQVGFTPDGK
538	490.2300	1467.6682	1467.9137	-0.2455	2	6	3.3	1	IEAIRGQILSKLK
445	668.2600	1334.5054	1334.6538	-0.1484	2	6	4	1	ESNSDRVSASKR

848	773.8200	2318.4382	2318.1862	0.2520	0	6	2.7	1	DPLVTMKPGSGTLVINIMSE ⁺ GK + 2 Oxidation (M)
388	425.9500	1274.8282	1274.6805	0.1476	0	6	3.8	1	CEPKPPVPVPR
400	429.1700	1284.4882	1284.7163	-0.2281	2	6	3.6	1	NVIGARRASWR
492	465.2700	1392.7882	1392.7184	0.0698	1	6	4.1	1	CIYQQLVEGRK
652	535.8500	1604.5282	1604.7828	-0.2546	1	6	3.6	1	ELLELASRMENER + Oxidation (M)
560	498.8100	1493.4082	1493.6854	-0.2772	1	6	2.7	1	EMETVIPKTD ⁺ CR + Oxidation (M)
858	795.6300	2383.8682	2384.1221	-0.2539	1	6	1.9	1	MMSHLNHPNIIRMLGATCEK + 2 Oxidation (M)
147	472.3400	942.6654	942.5498	0.1156	1	6	4.4	1	GEVLKVG ⁺ NK
824	728.8400	2183.4982	2183.2102	0.2879	2	6	1.4	1	FLQEAKILKQYDHPNIVK
113	447.1800	892.3454	892.4511	-0.1056	0	6	4.5	1	CLAVGMV ⁺ K + Oxidation (M)
135	466.2600	930.5054	930.4771	0.0284	0	6	5.2	1	ASVSDLSPR
479	457.7300	1370.1682	1369.7751	0.3930	2	6	0.8	1	RMGVDKIIPVDK
684	563.7300	1688.1682	1687.8273	0.3409	0	6	2.9	1	TPCSPLSGSLAPLN ⁺ MK + Oxidation (M)
878	859.7500	2576.2282	2576.2904	-0.0623	1	6	2.7	1	GIVATTKAAALQYSPSAAQDMVDR + Oxidation (M)
108	446.2500	890.4854	890.4531	0.0323	1	6	5.1	1	AEMKSPTK
802	688.3400	2061.9982	2061.9644	0.0338	0	6	3.1	1	FPEPTPGSPAPETPPDSSR
578	508.2800	1521.8182	1521.8375	-0.0194	2	6	3.8	1	EAQLVKDRHSALR
361	415.7700	1244.2882	1244.6837	-0.3955	2	6	3.8	1	TLD ⁺ SVAKERAR
466	453.5000	1357.4782	1357.6224	-0.1442	0	6	4.3	1	DFDCIITEFAK
846	769.3100	2304.9082	2305.1325	-0.2243	0	6	2.8	1	LSLEQALPPEPEEENAE ⁺ PVSK
455	447.2000	1338.5782	1338.7190	-0.1408	1	6	3.3	1	MRAQAGASV ⁺ AIHK
406	429.2000	1284.5782	1284.5921	-0.0139	1	6	3.8	1	NFPAYCTKER
679	560.3000	1677.8782	1677.7953	0.0828	0	6	3.8	1	CVLELADQTLEMEK
288	388.9000	1163.6782	1163.5434	0.1348	0	6	4	1	WDHGVLYM ⁺ K + Oxidation (M)
704	581.2400	1740.6982	1741.0171	-0.3190	1	6	3.3	1	ALQTMKQELLINLVK
82	432.8100	863.6054	863.4575	0.1480	0	6	4.8	1	MAAAFLK + Oxidation (M)
367	416.8300	1247.4682	1247.5670	-0.0988	0	6	4.5	1	SYEPQEDPGVK
888	932.9100	2795.7082	2795.3087	0.3995	0	6	2.4	1	NLIFYELPTYAHFYSEVCNMLR + Oxidation (M)
99	440.7300	879.4454	879.4239	0.0216	0	6	4	1	FPNSYPR
582	511.1900	1530.5482	1530.7824	-0.2342	1	6	3.7	1	RTETAAASLPQOMK
525	484.3200	1449.9382	1449.6816	0.2565	1	6	4	1	QSIQRNMSAMER
66	429.1800	856.3454	856.4767	-0.1312	0	6	4.6	1	SPVTNIAR
650	534.7500	1601.2282	1600.8533	0.3749	2	6	1.9	1	LDQIRQRES ⁺ ITK
311	587.7600	1173.5054	1173.6540	-0.1485	1	6	4.6	1	LIKPMKD ⁺ GTR + Oxidation (M)
434	440.7300	1319.1682	1318.7795	0.3887	1	6	0.26	1	KVLFALCSLLR
150	473.2400	944.4654	944.5542	-0.0888	1	6	5.3	1	EILDSKLK
348	412.7700	1235.2882	1235.6510	-0.3628	1	6	3.4	1	KQASQVFTA ⁺ EK
905	1055.0100	3162.0082	3162.3937	-0.3856	2	6	1.2	1	CNISIEDTGV ⁺ MESD ⁺ TGRR ⁺ LSGEMISM ⁺ K + 2 Oxidation (M)
573	506.7400	1517.1982	1516.8110	0.3872	1	6	1.7	1	APGPPRAAGAPQVNSK
900	1010.4300	3028.2682	3028.4018	-0.1337	1	6	2.3	1	ADEWL ⁺ MKNMDPLNDNVATLLHQSSDR + Oxidation (M)
658	544.3100	1629.9082	1629.8573	0.0508	0	6	4.4	1	SEIAASLQLNETQVK
894	971.3700	2911.0882	2911.3736	-0.2855	2	6	1.9	1	FKQTTGSGSSQELDHEQYSKYNIHK
403	429.1900	1284.5482	1284.7163	-0.1681	2	6	4.1	1	NVIGARRASWR
44	419.2200	836.4254	836.4612	-0.0357	2	6	4.3	1	KAKTMMK
145	472.2200	942.4254	942.3423	0.0832	0	6	5	1	DSSMNCLT + Oxidation (M)
79	431.2100	860.4054	860.5014	-0.0960	2	6	6	1	RKMALAR + Oxidation (M)
755	623.2800	1866.8182	1866.8782	-0.0600	1	6	4	1	IDINMSGFNETDDLKR
640	530.7900	1589.3482	1588.9889	0.3593	2	6	0.64	1	LILIESRIHRLAR
844	760.3200	2277.9382	2278.2573	-0.3191	2	6	3.6	1	RVLALSVETDYTFPLAEKVK
42	417.2500	832.4854	832.4555	0.0299	0	6	5.2	1	IGLFNNR
731	590.8000	1769.3782	1769.7131	-0.3349	0	6	0.72	1	EQMMNHSMS ⁺ SGSGSLR + 2 Oxidation (M)
51	425.8200	849.6254	849.4266	0.1989	0	6	4.9	1	QVLSMEK + Oxidation (M)
895	991.4300	2971.2682	2971.2764	-0.0082	0	6	2.7	1	AGPGADTGE ⁺ EEVEEVENPEMVDLPEK + Oxidation (M)
481	686.3800	1370.7454	1370.7816	-0.0362	1	6	4.2	1	MSQALGRIVLAGR
775	991.8800	1981.7454	1982.0657	-0.3202	2	6	4	1	QQSREAAVLLQAEDRLR
341	411.1500	1230.4282	1230.6391	-0.2109	0	5	4.7	1	LLGVLAESCGGR
523	479.7800	1436.3182	1436.6680	-0.3498	0	5	1.9	1	MFCVAPPELET ⁺ K + Oxidation (M)
557	747.0300	1492.0454	1491.7967	0.2488	2	5	4.1	1	MPEVSAKGT ⁺ TISK ⁺ K + Oxidation (M)
669	548.6400	1642.8982	1642.9043	-0.0061	0	5	4.3	1	GGVPGDAPVGPAPVAAPLAK
751	622.3400	1863.9982	1863.9625	0.0357	2	5	4.1	1	TMLEARNSGGTIKAFPR + Oxidation (M)
447	446.1100	1335.3082	1335.6605	-0.3523	1	5	3	1	EPNQKAFLMSR + Oxidation (M)
505	705.0200	1408.0254	1407.7292	0.2962	1	5	3.8	1	YLLGREVTGNMR
461	449.7500	1346.2282	1346.5772	-0.3490	1	5	0.7	1	QMEKAHEDSEK + Oxidation (M)
63	429.1300	856.2454	856.4476	-0.2022	0	5	5.1	1	LIESMHK
408	429.5400	1285.5982	1285.7466	-0.1484	2	5	4.6	1	ARESSGRLVAIK
591	516.2500	1545.7282	1545.7569	-0.0288	1	5	5	1	GAPESVIERC ⁺ SSVR

680	561.3000	1680.8782	1680.9046	-0.0265	0	5	4.2	1	EEVASALVHILQSTGK
849	784.1500	2349.4282	2349.1754	0.2528	0	5	3.5	1	AVGSTLQDFFNGFDALLEHIR
70	429.2000	856.3854	856.5018	-0.1164	0	5	5.1	1	VSNLPTVK
622	530.7400	1589.1982	1588.8031	0.3951	1	5	2.7	1	LNQRYEMHELLK + Oxidation (M)
822	714.3500	2140.0282	2139.9969	0.0313	1	5	4.2	1	EEYPRIMNTFSVMPSPK
136	466.3000	930.5854	930.5498	0.0356	0	5	6.3	1	ALLTGSLR
143	470.7600	939.5054	939.4913	0.0141	0	5	4.2	1	TYDSTILK
514	472.3400	1413.9982	1413.8204	0.1777	2	5	5.1	1	WIVSGRTARQLK
279	574.3200	1146.6254	1146.6913	-0.0659	1	5	5.3	1	LARTLFLWK
819	707.9300	2120.7682	2121.0161	-0.2479	1	5	3.6	1	FLQSLDEDNMTKQPGNLR + Oxidation (M)
298	587.7400	1173.4654	1173.6540	-0.1885	1	5	5.3	1	LIKPMKDGTR + Oxidation (M)
458	449.2500	1344.7282	1344.6568	0.0713	1	5	5	1	DGRASVHSMITR + Oxidation (M)
913	1211.9700	3632.8882	3632.9060	-0.0178	0	5	2.5	1	SLSCNPIYMLLILTSVLQINAFINMFTFLPK + 2 Oxidation (M)
45	419.2200	836.4254	836.4868	-0.0614	0	5	4.8	1	LVPPAQGR
626	530.7600	1589.2582	1588.9123	0.3459	1	5	1.1	1	LIIVMTPNYVVRR + Oxidation (M)
273	564.3000	1126.5854	1126.4778	0.1076	0	5	5.1	1	DEGYEAAASSK
850	785.9300	2354.7682	2354.9950	-0.2268	1	5	1.8	1	WTSWSKWSTCGTECTHWR
823	722.3200	2163.9382	2164.0946	-0.1564	2	5	3.6	1	MQAATLPLDNISYRRESAI + Oxidation (M)
789	680.3200	2037.9382	2037.9235	0.0147	1	5	4.1	1	KDVVIQDDDVECTMVEK + Oxidation (M)
202	519.1800	1036.3454	1036.5342	-0.1887	0	5	5.1	1	TYWLLGER
377	629.3800	1256.7454	1256.6837	0.0618	2	5	5.4	1	AAADKGRQELAK
796	683.3100	2046.9082	2047.0269	-0.1187	2	5	4.4	1	APARVPEPPQDPM SA ARNK + Oxidation (M)
390	428.0100	1281.0082	1280.6248	0.3833	0	5	3.4	1	DVEALTLYSDR
893	959.7400	2876.1982	2876.4313	-0.2331	0	5	2.7	1	AEGAPPTQGSFAPLPCKPPAASSCLLPR
224	530.7700	1059.5254	1059.5859	-0.0604	2	5	6.4	1	LLCDQKRK
359	622.9400	1243.8654	1243.7037	0.1618	1	5	5.8	1	NLSKVPGNLFR
297	587.7400	1173.4654	1173.6652	-0.1997	2	5	5.8	1	LNAMKLNRAK + Oxidation (M)
324	401.1900	1200.5482	1200.6350	-0.0868	0	5	5.5	1	EQQATELLAAK
20	411.0200	820.0254	820.4113	-0.3858	1	5	3.2	1	LEEMRK + Oxidation (M)
806	692.4500	2074.3282	2074.0742	0.2540	2	5	4.4	1	LATMAVANGFGNGKSKVHTR + Oxidation (M)
25	411.1500	820.2854	820.4589	-0.1734	2	5	6.1	1	MAATKRK + Oxidation (M)
336	410.9900	1229.9482	1229.6438	0.3044	0	5	5.6	1	MIDLSGNPVLR + Oxidation (M)
843	759.8600	2276.5582	2276.9215	-0.3633	0	5	1.8	1	NWDAGFGMAGASSNPCSETYR
358	622.8200	1243.6254	1243.7071	-0.0816	1	5	6	1	NIVMVNRGLTK
499	467.2500	1398.7282	1398.6337	0.0945	0	5	5	1	MTLEEFSAAEQK + Oxidation (M)
306	587.7500	1173.4854	1173.5989	-0.1135	0	5	6	1	DQLLEASAATR
887	924.3900	2770.1482	2770.2729	-0.1247	2	5	3.7	1	QDSPGQSSGFVYSRSGNPTRNCLEK
322	599.2600	1196.5054	1196.6699	-0.1645	0	5	4.6	1	LAQALQGPLMR
22	411.1100	820.2054	820.3675	-0.1620	0	5	6.2	1	GSAQSSER
27	411.2300	820.4454	820.4113	0.0342	0	5	6.2	1	ITGMVER + Oxidation (M)
182	504.6500	1007.2854	1007.5256	-0.2401	2	5	5.5	1	MEKMGR IK + Oxidation (M)
829	738.0300	2211.0682	2211.1470	-0.0788	2	5	4.7	1	LVLWDISKHGEETAACR
435	661.3000	1320.5854	1320.7554	-0.1699	2	4	5	1	APNNVIKFYKK
803	690.8800	2069.6182	2069.9108	-0.2926	0	4	2	1	DGNLMFDQVPMVEIDGMK + 2 Oxidation (M)
59	429.0400	856.0654	856.3974	-0.3319	0	4	2.8	1	QAHMQAR + Oxidation (M)
910	1064.0400	3189.0982	3189.4635	-0.3653	2	4	0.79	1	MGSFTKEEFDCHILDEGFTAKDILDQK + Oxidation (M)
570	504.7900	1511.3482	1511.7112	-0.3630	1	4	2.1	1	CMKIPTGQEYAAK + Oxidation (M)
593	518.9000	1553.6782	1553.8712	-0.1930	2	4	5	1	ALLGSKHKVSMDLR
337	411.0200	1230.0382	1229.7166	0.3216	1	4	3.7	1	MVALLNKTNVK
628	530.7700	1589.2882	1588.9123	0.3759	1	4	0.77	1	LIIVMTPNYVVRR + Oxidation (M)
707	587.3300	1758.9682	1758.9702	-0.0021	1	4	5.4	1	LGAPT NK LVMGIPTFGK + Oxidation (M)
541	491.2600	1470.7582	1470.7653	-0.0071	2	4	5.5	1	RFEIKEAYMR + Oxidation (M)
32	412.7900	823.5654	823.4552	0.1102	0	4	5.4	1	HGPTITAK
879	859.8400	2576.4982	2576.3455	0.1527	1	4	4	1	HKSQHLSNVLMTLTPVSLPSPMK + 2 Oxidation (M)
599	521.7400	1562.1982	1561.8213	0.3769	0	4	3.2	1	GENLSLVVHGPDIR
847	770.3000	2307.8782	2308.1143	-0.2361	1	4	4.2	1	ETRTSSSESIVSPASSTSGSPSR
504	704.7200	1407.4254	1407.7544	-0.3289	1	4	5.2	1	LLYCQRSLDK
898	1001.8600	3002.5582	3002.6263	-0.0681	1	4	3.8	1	QKSTEHVPPYDVVPSMRPIILVGPSLK + Oxidation (M)
729	589.2800	1764.8182	1764.8755	-0.0573	2	4	5.8	1	VRASSRVSGGFPE DS SK
831	738.3800	2212.1182	2212.1349	-0.0167	1	4	4.3	1	TSFRPVEVGQHGARSGETLK
759	625.0100	1872.0082	1871.9346	0.0736	1	4	5.2	1	VACEKTVSAMQHVLQR + Oxidation (M)
402	429.1900	1284.5482	1284.5946	-0.0464	0	4	5.8	1	TSSQSFETG SV R
37	415.2300	828.4454	828.4202	0.0253	1	4	8.4	1	ARGESPGR
376	419.2200	1254.6382	1254.7408	-0.1026	2	4	6	1	KVPESLARS LR
120	449.8700	897.7254	897.5647	0.1607	1	4	5.5	1	KPAVVEKK
380	634.4400	1266.8654	1266.6568	0.2086	1	4	6.1	1	ESYVKATVQSR

527	485.7700	1454.2882	1454.6572	-0.3690	1	4	1.2	1	NYSQAEKNKVS
676	834.9000	1667.7854	1667.7840	0.0015	2	4	6.4	1	CMVYYKEAFWK + Oxidation (M)
907	1055.6200	3163.8382	3163.6369	0.2013	2	4	3.1	1	SGNQVLSMARLAKDVLAEIPEQLLSYMR + 2 Oxidation (M)
384	424.2800	1269.8182	1269.6500	0.1682	0	4	6.1	1	LGVHILDTC
270	562.8200	1123.6254	1123.6536	-0.0281	2	4	5.7	1	HIPKCKTIK
23	411.1300	820.2454	820.3749	-0.1294	0	4	7.2	1	MSSPEVR + Oxidation (M)
379	421.7700	1262.2882	1262.6102	-0.3221	1	4	5.1	1	RTESTPAGSETK
627	530.7700	1589.2882	1588.8937	0.3945	0	4	0.83	1	AAVGTTAGGTIYLLNL
761	625.9800	1874.9182	1874.9825	-0.0643	1	4	5.9	1	CPLKNPTFLDYVRPR
100	442.1800	882.3454	882.4559	-0.1105	0	4	5.1	1	AVEQPPSR
666	548.2800	1641.8182	1641.8913	-0.0731	1	4	6.1	1	MGLTVALFSSRIFGK + Oxidation (M)
571	505.2300	1512.6682	1512.7056	-0.0374	1	4	6.2	1	REAYSDVTSGSVDK
602	521.7900	1562.3482	1562.0395	0.3087	2	4	1.5	1	LLLRPLALRSIGLK
155	484.3200	966.6254	966.5208	0.1046	1	4	5.8	1	FTMELAKK
702	577.3200	1728.9382	1728.8716	0.0666	0	4	6.8	1	EEMASALVHILQSTGK + Oxidation (M)
276	566.2900	1130.5654	1130.6924	-0.1270	1	4	7.2	1	VALLVTRGFR
648	532.3300	1593.9682	1593.8158	0.1524	2	4	6.1	1	RHARALGNMPENTK
906	1055.0800	3162.2182	3162.5398	-0.3216	0	4	2.5	1	MAMGVSAETHSPSSSSISSVSSVSSVGGRP
478	685.6700	1369.3254	1369.7136	-0.3881	2	4	3.8	1	QDAKKGPNPLMR + Oxidation (M)
576	508.0100	1521.0082	1520.7471	0.2611	2	4	6.4	1	AKVGELKDDDFER
896	991.8800	2972.6182	2972.3557	0.2625	0	4	3.5	1	DLDDQAGQVLITEDSDSLAVVHDCTK
545	738.3500	1474.6854	1474.8218	-0.1363	0	4	6.2	1	TSMGIIVVGVIWK + Oxidation (M)
392	428.4300	1282.2682	1282.6452	-0.3770	1	4	3.3	1	VVECLDHARGK
577	508.2400	1521.6982	1521.6671	0.0311	1	4	6.7	1	GKNTQACDYFR
524	722.3200	1442.6254	1442.6785	-0.0531	1	3	6	1	EMLDVKFMADTK + Oxidation (M)
890	941.9100	2822.7082	2822.4558	0.2523	2	3	3.8	1	FEITVGPKQTMGKTIEGVTTSQMPK + Oxidation (M)
65	429.1700	856.3254	856.4515	-0.1261	1	3	7.9	1	VGSREPGR
438	442.7200	1325.1382	1324.8051	0.3330	2	3	1.9	1	RVLLQAGSRLGR
516	472.5500	1414.6282	1414.7602	-0.1320	1	3	7.4	1	NINEAMRVLEK
252	544.3100	1086.6054	1086.5921	0.0134	0	3	9	1	SPAITATLEGK
423	435.8000	1304.3782	1304.5455	-0.1674	1	3	6.6	1	FDSEYERMR + Oxidation (M)
102	442.7200	883.4254	883.5464	-0.1209	2	3	6.7	1	LNRLRR
778	664.0600	1989.1582	1989.0207	0.1375	2	3	5.6	1	NYFRSQIDELYSTIKI
885	903.4400	2707.2982	2707.3390	-0.0408	0	3	5	1	LFEAFVIFCGGLINNNTIMYDQVK + Oxidation (M)
501	702.3700	1402.7254	1402.6874	0.0380	1	3	7.5	1	AEMDSLGRGNPIK + Oxidation (M)
830	738.3500	2212.0282	2212.2707	-0.2425	1	3	5.3	1	PLLWLGRFLLASCWIVR
870	835.9400	2504.7982	2505.1563	-0.3581	2	3	2	1	QDIEHMKFPMGTQTNPARTCK + Oxidation (M)
398	429.1300	1284.3682	1284.7401	-0.3720	1	3	6.8	1	VLKDAVNITAK
656	540.8400	1619.4982	1619.7258	-0.2277	0	3	7	1	MTVAGAMVTCYFNR
598	521.7300	1562.1682	1561.8385	0.3296	0	3	5.4	1	QVASMTPKPTTIIEK + Oxidation (M)
94	439.5600	877.1054	877.4579	-0.3524	1	3	8.2	1	EMKDLVK + Oxidation (M)
31	412.7700	823.5254	823.3130	0.2124	0	3	6.9	1	DGMGDTGR + Oxidation (M)
670	549.8200	1646.4382	1646.8273	-0.3891	1	3	3.5	1	TVMIGGKAAPGYHMAK + Oxidation (M)
904	1025.1100	3072.3082	3072.5882	-0.2801	2	3	4	1	LQLTGHAMPRLAVTNTMTGTVLKMTDR + Oxidation (M)
682	562.7400	1685.1982	1685.0127	0.1854	1	3	6.1	1	TSLAPIIVFVKVSSPK
465	675.3800	1348.7454	1348.6656	0.0798	0	3	7.5	1	NIISLMDTSGNGK
740	605.8800	1814.6182	1814.9309	-0.3127	1	3	7	1	RQTCDIEGLVELLNR
820	1064.0400	2126.0654	2126.1259	-0.0605	2	3	6.6	1	IALDGDTKNSTFSELFKK
768	635.2700	1902.7882	1902.9647	-0.1765	2	3	6.6	1	RTKDLADLQGSDSVAEAK
475	683.3100	1364.6054	1364.8068	-0.2013	0	3	8.3	1	IVTLISFGAFVAK
832	738.9600	2213.8582	2214.1646	-0.3064	1	3	6.4	1	EMFPIIEQYGDILVKYLK + Oxidation (M)
839	750.8900	2249.6482	2249.2566	0.3916	2	3	1.6	1	GVIVHTMAAVQALGVKADVDKK
200	518.9000	1035.7854	1035.5964	0.1890	1	3	9.3	1	LASYLDKVK
728	587.7800	1760.3182	1760.0097	0.3085	2	3	3.2	1	VLTYEWRLGNKLLR
651	535.3400	1602.9982	1602.8101	0.1881	0	3	8.3	1	TVQIEASTVEIEER
899	1009.9200	3026.7382	3026.4221	0.3160	2	3	4.7	1	NQSLPVMMSGFAPVCTTSPKMILKED + 2 Oxidation (M)
433	440.2500	1317.7282	1317.6387	0.0895	1	3	9.7	1	GSVMDFYKSLR + Oxidation (M)
700	859.8400	1717.6654	1717.7321	-0.0667	1	3	8	1	TGDAMGMNMISKGTEK + 3 Oxidation (M)
29	411.7000	821.3854	821.3879	-0.0025	0	3	8.8	1	GTSSDVTR
130	458.3000	914.5854	914.4862	0.0993	0	3	10	1	HGELVFTI
853	787.3700	2359.0882	2359.2019	-0.1137	1	3	6.4	1	ALFRADLALIDTPDAESVAESR
157	485.7700	969.5254	969.6335	-0.1080	1	3	8.3	1	IQILSKLR
326	403.0700	1206.1882	1206.5550	-0.3668	1	3	2.5	1	RDISAMEEEK
774	661.3000	1980.8782	1980.9640	-0.0858	2	3	7.3	1	YSESVKDAQEKLEQAEK
183	504.7900	1007.5654	1007.5288	0.0367	0	3	8.7	1	GVVFDVTSVK
876	855.3400	2562.9982	2563.3316	-0.3334	2	3	5.3	1	TPVTVTLKENERFLGDSAGMAIK + Oxidation (M)

661	817.7100	1633.4054	1633.7696	-0.3642	0	3	3	1	NKPDNGGFTSVDEV
877	855.6900	2564.0482	2564.2251	-0.1769	2	3	4.9	1	VHVTQEDFEMAVAKVMQKDEK + Oxidation (M)
683	562.8200	1685.4382	1685.8373	-0.3992	0	2	3.9	1	QGDDSLVFGVKPGDPR
747	924.3900	1846.7654	1846.9346	-0.1692	1	2	7.1	1	GSLGKDTTSPMELAALEK
770	959.4900	1916.9654	1916.9156	0.0498	1	2	7.2	1	FSESSKEGGVTFTWVEK
204	520.3300	1038.6454	1038.4869	0.1585	0	2	8.7	1	YESLTDPSK
897	1001.8500	3002.5282	3002.4266	0.1016	2	2	5.8	1	EETIQFQTEDMETAKYVWRLCVAR
732	889.7200	1777.4254	1777.7828	-0.3574	2	2	2.1	1	NSKEEEEYKYTACK
859	795.6300	2383.8682	2384.1682	-0.3000	1	2	4.6	1	ANKEILDEAYVMAGVGSPIYSR + Oxidation (M)
189	508.2800	1014.5454	1014.5168	0.0287	2	2	13	1	ASYMKKGSK + Oxidation (M)
149	472.5500	943.0854	943.4611	-0.3756	0	2	3.2	1	ENITQDPK
741	606.2600	1815.7582	1815.9876	-0.2295	2	2	8.7	1	GKKSSEQLLGSMPVSLR
209	521.7900	1041.5654	1041.4727	0.0927	0	2	10	1	AAGDGGSGPPEK
826	1103.8900	2205.7654	2206.0511	-0.2856	1	2	6.3	1	CLLDDDLVMGVYIHRDTR + Oxidation (M)
251	540.8400	1079.6654	1079.5355	0.1300	0	2	9.6	1	AAEMMASLLK + Oxidation (M)
214	526.7300	1051.4454	1051.5622	-0.1167	2	2	9.4	1	SKSKSSSVSR
733	890.3900	1778.7654	1778.8985	-0.1331	1	2	9.1	1	KPEGTINSVGFMDTRK
72	429.5400	857.0654	857.4243	-0.3588	0	2	5.4	1	AVPTDEAR
368	625.0100	1248.0054	1247.6146	0.3908	0	2	8.1	1	ENSVVFNNTPK
817	707.6700	2119.9882	2120.1414	-0.1532	1	2	8.7	1	APGLLPYEPFTMVAVKMLK + Oxidation (M)
883	893.3800	2677.1182	2677.2330	-0.1148	2	2	6.3	1	EDYDLKMRDFINQQADAYVEK
144	470.8300	939.6454	939.5753	0.0701	1	2	9.1	1	KVQLIDPK
908	1055.7700	3164.2882	3164.6288	-0.3407	1	2	4.6	1	MGWSKSGQSYLAAGLLQNVAVVTGGATGIGK + Oxidation (M)
552	497.7400	1490.1982	1489.7988	0.3994	1	2	3.1	1	LTTTQQTAEKIK
87	434.7900	867.5654	867.4199	0.1456	1	2	8.6	1	KYSGNSR
836	1120.4700	2238.9254	2239.0004	-0.0749	1	2	8.7	1	NIPHEAFMYQKSDPEFR + Oxidation (M)
114	447.2000	892.3854	892.4337	-0.0483	1	2	12	1	RGMPYGG
637	530.7900	1589.3482	1588.9664	0.3817	1	2	1.5	1	IVKEHNLQVLGLVK
563	750.8900	1499.7654	1499.6562	0.1092	0	2	10	1	GGLYNSMDSLDSNK
271	563.7300	1125.4454	1125.6142	-0.1687	1	2	9.9	1	LAQDPEGIRK
614	526.7900	1577.3482	1577.7395	-0.3914	0	2	2.3	1	GGYPGSLSESLGGPMK
88	435.8000	869.5854	869.4971	0.0884	0	2	11	1	VLSPEAVR
325	602.6200	1203.2254	1203.6095	-0.3841	0	2	5.3	1	GIIDSTVSEQR
363	415.9800	1244.9182	1244.5520	0.3661	1	2	13	1	NSTDYSSSKK
507	470.7600	1409.2582	1409.6431	-0.3850	1	2	2	1	EKPFCQCEGK
116	449.1300	896.2454	896.4208	-0.1753	1	2	8.8	1	TAKMMQR + 2 Oxidation (M)
98	440.2500	878.4854	878.4215	0.0640	1	2	12	1	ATGRMGMR
317	590.8000	1179.5854	1179.5958	-0.0103	0	2	11	1	FLGDSAGMAIK
695	854.3900	1706.7654	1706.8873	-0.1218	1	1	9.9	1	MATPSNLGSSVLASKTK + Oxidation (M)
892	959.4900	2875.4482	2875.3262	0.1220	2	1	6.3	1	KMEGLNEMEIQLSHANMAAEAK + 2 Oxidation (M)
642	530.7900	1589.3482	1589.7218	-0.3736	0	1	1.6	1	VMDYIVSTWSMSR + Oxidation (M)
618	795.0300	1588.0454	1587.8732	0.1722	1	1	12	1	ALYIVRAGEAGAIER
110	447.0300	892.0454	892.4259	-0.3805	0	1	5.5	1	CVCVTVR
506	705.3400	1408.6654	1408.7245	-0.0591	2	1	11	1	FGGTGRSKQACLK
452	447.0700	1338.1882	1338.5795	-0.3913	1	1	1.8	1	GKENDMEMEIK + Oxidation (M)
488	691.0500	1380.0854	1379.6867	0.3987	1	1	8.4	1	SGLSVRFADMPGK + Oxidation (M)
609	786.8800	1571.7454	1571.7184	0.0270	1	1	11	1	KVLCGGEPCPENGR
734	893.3800	1784.7454	1784.9501	-0.2047	1	1	11	1	AILPFPKYVDFSNK
604	784.1500	1566.2854	1565.9003	0.3851	2	1	1.4	1	YIPGTMIFAGIKK
338	411.0400	1230.0982	1229.7053	0.3929	1	1	2.3	1	DIMLLKLEQK
793	681.1800	2040.5182	2040.1401	0.3781	2	1	1.9	1	QLDLMLPKLARGSLSVGDK
835	747.0300	2238.0682	2238.1296	-0.0614	1	1	8.3	1	EFNIPPYLQCIRYGFPPK
490	692.4500	1382.8854	1382.6864	0.1990	0	1	9.6	1	YLCTVQTTLER
548	742.3400	1482.6654	1482.7435	-0.0781	1	1	11	1	MAGYLRAVSSLCR
645	530.8000	1589.3782	1589.7477	-0.3695	0	1	2.9	1	CHQCTSLMVGLIR + Oxidation (M)
690	849.0200	1696.0254	1695.8250	0.2005	0	1	10	1	SNMGHPPEPASGLAALTK + Oxidation (M)
335	410.9700	1229.8882	1229.5751	0.3131	0	1	13	1	NYIMDFQVGK + Oxidation (M)
903	1024.2300	3069.6682	3069.4172	0.2510	2	1	7.8	1	KRMLESGLPENNDPYVLAPGDDDDHQK
767	634.4400	1900.2982	1900.0564	0.2418	2	1	8.1	1	SLRLIISMTLHTRTK + Oxidation (M)
758	624.6200	1870.8382	1871.0125	-0.1744	2	1	11	1	AAAKALQRNGAQIAEGFR
190	508.2800	1014.5454	1014.5974	-0.0520	1	1	17	1	ASLGRVVVK
394	429.0400	1284.0982	1283.7058	0.3924	2	1	4.8	1	LQDAREQRLR
420	433.0900	1296.2482	1296.5438	-0.2957	0	1	4	1	CESLDSTGLCR
378	420.9000	1259.6782	1259.5824	0.0957	1	1	13	1	YREMMIVMR + 2 Oxidation (M)
138	466.7900	931.5654	931.5161	0.0494	1	1	17	1	GGIKMTPTK
756	624.3100	1869.9082	1869.9796	-0.0714	0	1	12	1	TLEEQNQLLSAELGGLR

872	849.3800	2545.1182	2545.3363	-0.2181	2	1	9.7	1	FRWPKVETQLGMKPPLTSSEAK + Oxidation (M)
201	519.1100	1036.2054	1036.5414	-0.3359	2	1	12	1	YSRADAARK
635	530.7800	1589.3182	1589.6919	-0.3738	1	1	1.2	1	MDVDEDTAEKFYK
809	1055.0100	2108.0054	2107.9038	0.1017	1	1	11	1	DTLKSQLMPQEAPDDSGDMK + Oxidation (M)
393	428.7700	1283.2882	1283.5737	-0.2855	0	1	6.8	1	SSQDMLSLMEK + Oxidation (M)
757	624.3400	1869.9982	1869.9796	0.0186	0	1	12	1	TLEEQNQLLSAELGGLR
601	521.7500	1562.2282	1561.9052	0.3229	1	1	4.7	1	RSSLPRPSSILPPR
810	1055.0800	2108.1454	2107.9719	0.1736	2	1	11	1	DRQTSVGDGHWE LRCHR
319	396.7200	1187.1382	1187.5353	-0.3971	1	1	1.1	1	DH MVREETR + Oxidation (M)
639	530.7900	1589.3482	1589.7477	-0.3995	0	1	2	1	CHQCTSLMVGLIR + Oxidation (M)
422	434.7900	1301.3482	1301.5960	-0.2478	0	1	13	1	GNVQSEPSAGGGS
365	624.3400	1246.6654	1246.6153	0.0501	2	1	14	1	KQKEQSGGEEK
737	600.8300	1799.4682	1799.7858	-0.3177	2	1	3.4	1	YFDSGDYNMAKAKMK + 2 Oxidation (M)
15	403.0700	804.1254	804.4970	-0.3715	1	0	17	1	TFRLLR
259	548.6400	1095.2654	1095.4291	-0.1637	0	0	12	1	DAESSGCWGK
346	411.7000	1232.0782	1231.7037	0.3745	1	0	3.5	1	AIGEGRVVYIR
854	789.4900	2365.4482	2365.1333	0.3149	1	0	9.8	1	MATTFLQTSSTFGSGSTRGGS LR + Oxidation (M)
857	795.3800	2383.1182	2383.1083	0.0099	1	0	9.7	1	CFQCQTKLELVQQLGSCR
487	691.0400	1380.0654	1379.7119	0.3536	1	0	12	1	KGLAFNMIEVDK + Oxidation (M)
382	635.2700	1268.5254	1268.6361	-0.1106	0	0	15	1	ELVDQDVQPAR
364	624.3100	1246.6054	1246.6153	-0.0099	2	0	15	1	KQKEQSGGEEK
153	478.2500	954.4854	954.4303	0.0552	0	0	14	1	AFAEMMQK
752	622.8200	1865.4382	1865.8335	-0.3953	1	0	2.6	1	LMDELQLRYHCCGR + Oxidation (M)
395	429.0700	1284.1882	1284.5881	-0.3999	1	0	1.6	1	RQHMDTEGPSK
89	436.9600	871.9054	871.5239	0.3815	2	0	6.7	1	KSKPERK
328	606.2600	1210.5054	1210.6194	-0.1139	1	0	12	1	DHVEKDDI IK
597	520.3300	1557.9682	1557.7933	0.1749	1	0	15	1	EPNSNTLREV MLR
595	519.1800	1554.5182	1554.7786	-0.2604	2	0	13	1	KEMLDVKFMADTK
633	530.7800	1589.3182	1588.9664	0.3517	1	0	1.4	1	IVKEHNLQVLGLVK
208	521.7500	1041.4854	1041.5131	-0.0276	0	0	17	1	LLES DYFR
255	548.0500	1094.0854	1093.7335	0.3519	2	0	2.4	1	KAKPVKPKAK
634	530.7800	1589.3182	1588.9664	0.3517	1	0	1.4	1	IVKEHNLQVLGLVK
206	521.7400	1041.4654	1041.5243	-0.0589	1	0	17	1	KQFYSVDR
16	404.9200	807.8254							
18	410.9700	819.9254							
19	410.9900	819.9654							
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24	411.1500	820.2854							
26	411.1900	820.3654							
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33	413.2300	824.4454							
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158	486.7400	971.4654							
159	488.5500	975.0854							
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191	509.9700	1017.9254							
195	511.2900	1020.5654							
213	526.6200	1051.2254							
246	535.3400	1068.6654							

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<input type="checkbox"/>	608	786.4100	1570.8054
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<input type="checkbox"/>	623	795.6300	1589.2454
<input type="checkbox"/>	624	795.6300	1589.2454
<input type="checkbox"/>	629	530.7800	1589.3182
<input type="checkbox"/>	630	530.7800	1589.3182
<input type="checkbox"/>	632	530.7800	1589.3182
<input type="checkbox"/>	641	530.7900	1589.3482
<input type="checkbox"/>	643	530.7900	1589.3482
<input type="checkbox"/>	649	799.6700	1597.3254
<input type="checkbox"/>	657	815.6500	1629.2854
<input type="checkbox"/>	687	564.7900	1691.3482
<input type="checkbox"/>	691	849.3800	1696.7454
<input type="checkbox"/>	693	849.7400	1697.4654
<input type="checkbox"/>	694	850.0100	1698.0054
<input type="checkbox"/>	696	855.3400	1708.6654
<input type="checkbox"/>	697	855.6900	1709.3654
<input type="checkbox"/>	699	859.7500	1717.4854
<input type="checkbox"/>	730	884.1100	1766.2054
<input type="checkbox"/>	771	959.7400	1917.4654
<input type="checkbox"/>	772	971.3700	1940.7254
<input type="checkbox"/>	773	991.4300	1980.8454
<input type="checkbox"/>	776	663.7900	1988.3482
<input type="checkbox"/>	777	664.0600	1989.1582
<input type="checkbox"/>	779	664.8500	1991.5282
<input type="checkbox"/>	785	1010.4300	2018.8454
<input type="checkbox"/>	788	1014.8000	2027.5854
<input type="checkbox"/>	795	1024.2300	2046.4454
<input type="checkbox"/>	797	1025.1100	2048.2054
<input type="checkbox"/>	811	1055.6200	2109.2254
<input type="checkbox"/>	812	1055.7700	2109.5254
<input type="checkbox"/>	814	705.0200	2112.0382
<input type="checkbox"/>	828	737.8900	2210.6482
<input type="checkbox"/>	842	755.8800	2264.6182
<input checked="" type="checkbox"/>	860	799.6700	2395.9882

<input checked="" type="checkbox"/>	868	833.9200	2498.7382
<input checked="" type="checkbox"/>	901	1014.8000	3041.3782

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 : ± 0.4 Da
Fragment Mass Tolerance : ± 0.4 Da
Max Missed Cleavages : 2
Instrument type : ESI-4SECTOR
Number of queries : 914

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