

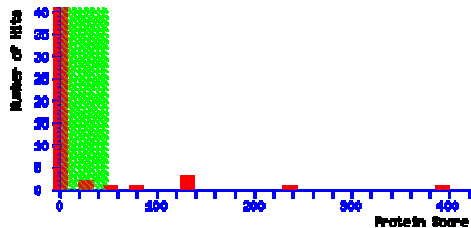


Mascot Search Results

User :
Email :
Search title :
MS data file : DATA.TXT
Database 1 : contaminants 20090624 (262 sequences; 133770 residues)
Database 2 : uniprot_sprot sprot_202104 (565928 sequences; 204173280 residues)
Timestamp : 25 Feb 2022 at 14:38:29 GMT
Protein hits :
[2::IGKC_HUMAN](#) Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
[2::IGLC2_HUMAN](#) Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1
[2::KVD20_HUMAN](#) Immunoglobulin kappa variable 3D-20 OS=Homo sapiens OX=9606 GN=IGKV3D-20 PE=3 SV=1
[2::KV320_HUMAN](#) Immunoglobulin kappa variable 3-20 OS=Homo sapiens OX=9606 GN=IGKV3-20 PE=1 SV=2
[2::KV2A7_MOUSE](#) Ig kappa chain V-II region 26-10 OS=Mus musculus OX=10090 PE=1 SV=1
[2::KV1_CANLF](#) Ig kappa chain V region GOM OS=Canis lupus familiaris OX=9615 PE=1 SV=1
[2::KV401_HUMAN](#) Immunoglobulin kappa variable 4-1 OS=Homo sapiens OX=9606 GN=IGKV4-1 PE=1 SV=1
[2::LUZP1_RAT](#) Leucine zipper protein 1 OS=Rattus norvegicus OX=10116 GN=Luzp1 PE=1 SV=1
[2::TRYP_PIG](#) Trypsin OS=Sus scrofa OX=9823 PE=1 SV=1

Mascot Score Histogram

Ions score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event.
Individual ions scores > 49 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. [2::IGKC_HUMAN](#) Mass: 11929 Score: 393 Matches: 46(10) Sequences: 7(4) emPAI: 6.64
Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
☐ Check to include this hit in error tolerant search or archive report

	Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/>	625	751.3300	1500.6454	1501.7512	-1.1057	0	(52)	0.027	1	U	K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	626	751.8100	1501.6054	1501.7512	-0.1457	0	(14)	1.7e+002	1	U	K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	627	751.8200	1501.6254	1501.7512	-0.1257	0	(55)	0.013	1	U	K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	628	751.8200	1501.6254	1501.7512	-0.1257	0	(67)	0.00085	1	U	K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	629	751.8300	1501.6454	1501.7512	-0.1057	0	72	0.00031	1	U	K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	775	899.3900	1796.7654	1796.8880	-0.1225	0	(34)	1.8	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	776	899.4100	1796.8054	1796.8880	-0.0825	0	(40)		1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	777	899.4300	1796.8454	1796.8880	-0.0425	0	(45)	0.32	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	778	899.8900	1797.7654	1796.8880	0.8775	0	(52)	0.027	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	780	600.3200	1797.9382	1796.8880	1.0502	0	(33)	2.3	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	781	600.3200	1797.9382	1796.8880	1.0502	0	(47)	0.081	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	782	600.3300	1797.9682	1796.8880	1.0802	0	53	0.021	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	783	600.3300	1797.9682	1796.8880	1.0802	0	(34)	1.7	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	785	600.3400	1797.9982	1796.8880	1.1102	0	(25)	13	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	786	600.3500	1798.0282	1796.8880	1.1402	0	(19)	50	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	787	600.6500	1798.9282	1796.8880	2.0402	0	(19)	61	1	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	788	600.6500	1798.9282	1796.8880	2.0402	0	(12)	2.7e+002	2	U	K.SGTASVVCLLNFFYPR.E
<input checked="" type="checkbox"/>	863	938.3600	1874.7054	1874.9197	-0.2142	0	79	4.3e-005	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	864	625.9100	1874.7082	1874.9197	-0.2115	0	(61)	0.0029	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	865	625.9200	1874.7382	1874.9197	-0.1815	0	(42)	0.23	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	866	625.9200	1874.7382	1874.9197	-0.1815	0	(56)	0.0088	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	867	625.9300	1874.7682	1874.9197	-0.1515	0	(27)	7	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	868	625.9400	1874.7982	1874.9197	-0.1215	0	(16)	1.1e+002	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	869	625.9500	1874.8282	1874.9197	-0.0915	0	(18)	67	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	872	626.2700	1875.7882	1874.9197	0.8685	0	(15)	1.2e+002	1	U	K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	936	649.0300	1944.0682	1945.0197	-0.9515	0	(36)	1.2	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	937	649.2200	1944.6382	1945.0197	-0.3815	0	(19)	43	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	938	649.2600	1944.7582	1945.0197	-0.2615	0	(14)	1.4e+002	2	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	941	649.2800	1944.8182	1945.0197	-0.2015	0	(43)	0.18	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	942	649.2800	1944.8182	1945.0197	-0.2015	0	(27)	8.3	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	943	649.2800	1944.8182	1945.0197	-0.2015	0	(14)	1.5e+002	4	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	944	973.4300	1944.8454	1945.0197	-0.1742	0	(44)	0.18	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	946	973.4600	1944.9054	1945.0197	-0.1142	0	48	0.069	1	U	R.TVAAPSVFIFPPSDEQLK.S

[2::KV240_HUMAN](#) Mass: 13416 Score: 123 Matches: 2(2) Sequences: 1(1)
Immunoglobulin kappa variable 2-40 OS=Homo sapiens OX=9606 GN=IGKV2-40 PE=3 SV=2

6. [2::KV1_CANLF](#) Mass: 12112 Score: 74 Matches: 1(1) Sequences: 1(1) emPAI: 0.28
Ig kappa chain V region GOM OS=Canis lupus familiaris OX=9615 PE=1 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 554	666.2300	1330.4454	1330.6154	-0.1699	0	74	0.00016	1	U	R.FSGSGSGTDFTLR.I

Proteins matching the same set of peptides:

[2::KV2A4_MOUSE](#) Mass: 12327 Score: 74 Matches: 1(1) Sequences: 1(1)
Ig kappa chain V-II region 2S1.3 OS=Mus musculus OX=10090 PE=1 SV=1

7. [2::KV401_HUMAN](#) Mass: 13486 Score: 55 Matches: 3(1) Sequences: 2(1) emPAI: 0.25
Immunoglobulin kappa variable 4-1 OS=Homo sapiens OX=9606 GN=IGKV4-1 PE=1 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 405	562.7800	1123.5454	1121.6233	1.9221	0	55	0.013	1	U	K.LLIYWASTR.E
<input checked="" type="checkbox"/> 798	606.8900	1817.6482	1816.9260	0.7221	0	29	4.3	1	U	K.NYLAWYQQKPGQPPK.L
<input checked="" type="checkbox"/> 799	606.9000	1817.6782	1816.9260	0.7521	0	(21)	31	1	U	K.NYLAWYQQKPGQPPK.L

8. [2::LUZP1_RAT](#) Mass: 117675 Score: 35 Matches: 1(0) Sequences: 1(0) emPAI: 0.03
Leucine zipper protein 1 OS=Rattus norvegicus OX=10116 GN=Luzp1 PE=1 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 871	626.2500	1875.7282	1874.9169	0.8112	2	35	1.1	1	U	K.INRDHMRNASTFLER.N + Oxidation (M)

9. [2::TRYP_PIG](#) Mass: 25078 Score: 34 Matches: 2(0) Sequences: 1(0) emPAI: 0.13
Trypsin OS=Sus scrofa OX=9823 PE=1 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 1092	737.6100	2209.8082	2210.0967	-0.2886	0	36	0.83	1	U	R.LGEHNIDVLEGNEQFINAAK.I
<input checked="" type="checkbox"/> 1093	737.6300	2209.8682	2210.0967	-0.2286	0	(34)	1.2	1	U	R.LGEHNIDVLEGNEQFINAAK.I

Proteins matching the same set of peptides:

[1::Trypsin](#) Mass: 25078 Score: 34 Matches: 2(0) Sequences: 1(0)
Trypsin - Sus scrofa (Pig).

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 710	831.4100	1660.8054	1660.9148	-0.1093	0	43	0.23	1		LLIYAASSLQSGVPSR
<input checked="" type="checkbox"/> 1031	701.3000	2100.8782	2101.9920	-1.1138	1	40	0.35	1		NLCYKMSMEVTPMIPK + 3 Oxidation (M)
<input checked="" type="checkbox"/> 709	831.4100	1660.8054	1660.9148	-0.1093	0	38	0.71	1		LLIYAASSLQSGVPSR
<input checked="" type="checkbox"/> 324	498.1200	994.2254	992.5655	1.6600	0	35	1.1	1		LLIYGASTR
<input checked="" type="checkbox"/> 438	585.4100	1168.8054	1166.6192	2.1863	0	31	7.6	1		VFELMLMLR + Oxidation (M)
<input checked="" type="checkbox"/> 773	596.4300	1786.2682	1785.8607	0.4075	0	29	4.2	1		EAVLNGATPVYMGSAK + Oxidation (M)
<input checked="" type="checkbox"/> 958	656.6100	1966.8082	1967.8750	-1.0669	0	29	4.8	1		EAANGLCCLAEIGEMMTR + 2 Oxidation (M)
<input checked="" type="checkbox"/> 1028	695.9100	2084.7082	2082.9786	1.7295	2	28	4.8	1		REISCSVNTVCSSKTNK
<input checked="" type="checkbox"/> 1114	745.3500	2233.0282	2232.0085	1.0197	1	28	6.6	1		EGDSYLYKWYFELGTSMK + Oxidation (M)
<input checked="" type="checkbox"/> 970	494.8200	1975.2509	1974.9370	0.3139	0	27	6.5	1		LETGVGASLHSHGMFFNR + Oxidation (M)
<input checked="" type="checkbox"/> 1035	527.8600	2107.4109	2108.1782	-0.7673	1	27	5.9	1		RTPPEVPAAPAPPAAPVVFVK
<input checked="" type="checkbox"/> 904	639.5700	1915.6882	1915.9323	-0.2441	1	27	7	1		AAMGWARGNGITVEQAE
<input checked="" type="checkbox"/> 517	635.6600	1269.3054	1268.7088	0.5966	2	27	23	1		GKVTNKTPEAPK
<input checked="" type="checkbox"/> 562	672.6400	1343.2654	1342.8296	0.4358	2	26	9.6	1		ILGQKISITSRK
<input checked="" type="checkbox"/> 857	622.8800	1865.6182	1864.8639	0.7543	1	26	8.2	1		YGDFFDARANVLGHMQR + Oxidation (M)
<input checked="" type="checkbox"/> 476	608.2900	2429.1309	2430.2318	-1.1009	1	26	34	1		LLSALFDLAEDEPKLEHFESLK
<input checked="" type="checkbox"/> 985	498.7500	1990.9709	1990.8361	0.1348	0	26	11	1		TVSGSNEMFGVENNTMSR + 2 Oxidation (M)
<input checked="" type="checkbox"/> 891	634.2400	1899.6982	1899.9762	-0.2781	1	26	8.7	1		ATDATGQARDQQALSCLR
<input checked="" type="checkbox"/> 803	607.5300	1819.5682	1820.0131	-0.4449	0	26	8.7	1		LIAPLRPACPGVAWATK
<input checked="" type="checkbox"/> 312	492.3900	982.7654	983.5400	-0.7745	0	26	9.1	1		EPLNLSLR
<input checked="" type="checkbox"/> 1032	701.3100	2100.9082	2102.0752	-1.1670	0	26	9.9	1		VASSLDSMLGEPQILGQMK
<input checked="" type="checkbox"/> 533	648.3000	1294.5854	1292.5819	2.0035	0	26	33	1		AECNNVQPAYK
<input checked="" type="checkbox"/> 653	772.8000	1543.5854	1543.7487	-0.1632	0	25	12	1		AQMVDHCVQLLSK + Oxidation (M)
<input checked="" type="checkbox"/> 546	657.7100	1313.4054	1314.5836	-1.1781	0	25	13	1		YPVESVEMMAK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 727	565.7200	1694.1382	1692.9055	1.2327	0	24	13	1		MTLAGIFIGGGLGAMLR + Oxidation (M)
<input checked="" type="checkbox"/> 655	773.3500	1544.6854	1543.7001	0.9853	1	24	19	1		SSASDNYESEKLSK
<input checked="" type="checkbox"/> 534	648.8800	1943.6182	1942.0596	1.5586	2	24	42	1		QTQSLKSSQGLQEKLR
<input checked="" type="checkbox"/> 1129	566.8800	2263.4909	2261.9658	1.5251	2	24	12	1		FRGGMPCGMNMGNNMMQMOK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 1025	689.6400	2065.8982	2064.0428	1.8553	0	24	15	1		ASQSISSWLAWYQQKPGK
<input checked="" type="checkbox"/> 903	639.5700	1915.6882	1914.9370	0.7512	1	24	14	1		TWAAGRMGDPASVQLAE
<input checked="" type="checkbox"/> 1027	693.6400	2077.8982	2079.0960	-1.1978	0	24	16	1		DQQPVVLSNPLSAELNSLR
<input checked="" type="checkbox"/> 918	642.2400	1923.6982	1924.0014	-0.3032	2	24	14	1		ELSKSVHGEDEDAKVLR
<input checked="" type="checkbox"/> 976	661.9400	1982.7982	1983.9657	-1.1675	2	24	16	1		SLQSTAERAGRHCGLR
<input checked="" type="checkbox"/> 1026	690.3500	2068.0282	2069.0880	-1.0599	2	23	19	1		KIAQNVMPFQIFYNGKR + Oxidation (M)
<input checked="" type="checkbox"/> 228	418.2100	1251.6082	1249.6462	1.9620	2	23	76	1		ITCRHKGGGHK
<input checked="" type="checkbox"/> 350	524.8600	1047.7054	1047.5383	0.1671	0	23	29	1		VGLTGGICSGK
<input checked="" type="checkbox"/> 460	600.0200	1797.0382	1794.9042	2.1340	2	23	62	1		MQKEITSMAPSGMKIK + Oxidation (M)

1057	713.6300	2137.8682	2138.0202	-0.1520	0	23	18	1	TPVEITCVVVDVSHEDPEVK
526	642.2200	1282.4254	1282.7040	-0.2786	2	23	21	1	MAVSRHLTRGR
1040	532.2800	2125.0909	2123.0061	2.0848	2	23	22	1	KELDIAETEMPGLMACRK + 2 Oxidation (M)
981	662.6200	1984.8382	1984.1469	0.6913	1	22	21	1	YLQLAQVNKAALNVQLK
325	499.3000	996.5854	997.6284	-1.0429	0	22	25	1	LILNSLIGR
416	567.1700	1698.4882	1697.8771	0.6111	1	22	66	1	GVFSNLVSSMGTLSRK + Oxidation (M)
943	649.2800	1944.8182	1943.0323	1.7858	2	21	29	1	ATGLSSLEEATIQRPKK
477	609.3100	1824.9082	1825.8318	-0.9237	0	21	1e+002	1	AFHYGAPPHGGMAAGVDR + Oxidation (M)
399	561.3200	1120.6254	1118.6084	2.0171	1	21	41	1	NKVAFLNEGK
960	656.6200	1966.8382	1966.0483	0.7899	1	21	30	1	SLAADPEEVAARIAEVVR
380	550.8600	1099.7054	1098.6761	1.0294	1	21	98	1	GAKIGAGSVVLK
879	942.4600	1882.9054	1882.9748	-0.0694	0	21	35	1	TLNHLSSLASDLSELGAR
1061	715.7000	2144.0782	2145.1364	-1.0583	2	21	34	1	VLFELSGVAEPVAREAMRR + Oxidation (M)
762	443.1700	1768.6509	1766.8588	1.7921	0	21	31	1	NDLTGGFTGDNFQLIR
388	553.8900	1105.7654	1104.6325	1.1330	2	21	43	1	MKVLTGNTSKK
814	912.8500	1823.6854	1822.8382	0.8473	2	21	71	1	EAAYPREFQEMKM + Oxidation (M)
336	510.2500	1018.4854	1019.4416	-0.9561	0	21	1.3e+002	1	CNSMAPLDI
914	640.9400	1919.7982	1920.9840	-1.1858	2	21	33	1	DENVRRIIGFVAEMLTR + Oxidation (M)
1011	508.0600	2028.2109	2027.0687	1.1422	2	20	34	1	TADLAKVLTDFANPAWEKGK
895	635.9200	1904.7382	1903.9813	0.7569	0	20	34	1	MVDVVVTTAGGIEEDLIK + Oxidation (M)
1133	761.4000	2281.1782	2282.2304	-1.0522	1	20	36	1	SILLPIELCSIEEGQALNRK
642	762.8200	1523.6254	1523.7063	-0.0809	1	20	42	1	REEASASTAASESK
297	478.5400	1432.5982	1433.7548	-1.1566	2	20	1.2e+002	1	SGEKVKKPDMAATK + Oxidation (M)
1121	750.6600	2248.9582	2248.1304	0.8278	2	20	35	1	LGGMRGLDMNLAEIDAIVKGR + 2 Oxidation (M)
961	656.6300	1966.8682	1967.9185	-1.0503	1	20	41	1	GDADIRQAYTSVQSTSAAA
673	529.2900	1584.8482	1585.7624	-0.9142	1	20	51	1	SDDTPKSSIFSFGAK
959	656.6100	1966.8082	1967.0800	-0.2718	2	20	39	1	EAVARLNETLADLGLGVRA
544	656.2400	1965.6982	1965.0142	0.6840	2	20	1.1e+002	1	MGSLRFSIPLDPFDSKR
1069	719.9200	2156.7382	2156.1563	0.5819	2	20	34	1	TLNALAGKHGVRGRIHVENR
1073	1079.8300	4315.2909	4314.1228	1.1681	2	20	76	1	LGWELPVNLVVCFEQGMESSGLSDLDELVAKEAQNYFKK + Oxidation (M)
1112	745.0000	2231.9782	2232.1274	-0.1492	1	20	41	1	DTTSVDIPVPDYEAAGRSVK
713	555.7200	1664.1382	1662.8042	1.3339	2	20	39	1	RAGAMVVKMAAGGGGGGR + 2 Oxidation (M)
80	608.0000	606.9927	606.2795	0.7132	0	19	44	1	MVER + Oxidation (M)
956	656.6000	1966.7782	1967.8908	-1.1126	1	19	39	1	NSA AFCAGYAAGVAGDDPRR
245	434.8500	1735.3709	1733.9464	1.4245	1	19	1.3e+002	1	LIEARTGYPVAFLEIR
133	690.3400	689.3327	688.3755	0.9572	1	19	82	1	VAKDEK
1125	563.9600	2251.8109	2251.1076	0.7033	1	19	35	1	LPSSGEAAATPTMSMTVVTKK + Oxidation (M)
372	544.0300	1086.0454	1085.5618	0.4837	1	19	50	1	RTGNPDLDK
974	661.9200	1982.7382	1982.1664	0.5718	1	19	39	1	TVSIDIVVDKDLVGGVIK
1198	647.2400	2584.9309	2585.3557	-0.4248	2	19	32	1	SGVGGGIMASVPKKMGIGVVGPSLDEK + Oxidation (M)
435	584.7300	2334.8909	2333.1184	1.7725	2	19	1.3e+002	1	NLLTMGGYATASAKKYYMR + 2 Oxidation (M)
97	317.8300	1267.2909	1266.7520	0.5389	2	19	1.6e+002	1	TLSRHSGIKLR
892	634.2700	1899.7882	1899.9248	-0.1366	1	19	49	1	TVTVTRDGMVYDSLDK + Oxidation (M)
427	579.1000	2312.3709	2313.1284	-0.7575	2	19	1.4e+002	1	KHDGNGLRELTPGEFTQAGR
734	853.0600	3408.2109	3406.7588	1.4521	1	19	1.2e+002	1	MALSQVASLAFSLPNSGALKLATITNPSTCTR
151	719.1900	718.1827	718.3497	-0.1670	0	19	80	1	IEGADSK
669	527.4400	1579.2982	1578.8076	0.4906	2	19	46	1	KSLLDKMPGDYGQK
1151	1186.8000	2371.5854	2371.2893	0.2962	2	19	77	1	DITQAMQEIASVKPRQKALTK + Oxidation (M)
1130	755.6700	2263.9882	2263.1705	0.8177	1	19	48	1	GKVLDVGCAGVLSAMLASFSFK
1135	762.7000	2285.0782	2284.0847	0.9934	1	19	51	1	GRPHAPKGEWDQAVEYWK
1196	641.9300	2563.6909	2563.2345	0.4564	1	19	36	1	VHAAGLNIPDISMRGGVGAATMAMK + 2 Oxidation (M)
838	616.0900	1845.2482	1844.9666	0.2816	1	19	47	1	VDKIVINMGVGDAVSNK + Oxidation (M)
308	489.5500	977.0854	977.5043	-0.4188	0	19	61	1	LHLNDPNR
932	645.9300	1934.7682	1935.9035	-1.1353	0	19	51	1	GANLSTNFNGQNTINSR
1111	745.0000	2231.9782	2232.2188	-0.2406	2	18	52	1	TYLKQVASMSVPIPTNKDIK
169	372.2600	742.5054	743.3926	-0.8872	0	18	78	1	VPSATGGR
458	599.1300	1196.2454	1194.5737	1.6718	1	18	1.4e+002	1	TMAKTEEVR
1160	602.0800	2404.2909	2405.1759	-0.8851	0	18	53	1	AQMPETTWFMELOPGVVLGQK + Oxidation (M)
230	421.4600	1681.8109	1682.8277	-1.0168	2	18	1.7e+002	1	RDDFWAALRAYSGR
1119	750.3200	2247.9382	2248.0504	-0.1122	1	18	50	1	DPSVFTPPSTCQTAQPEKMK
911	640.6100	1918.8082	1919.0224	-0.2143	0	18	57	1	SRPDHIVISDAIEQLR
194	390.5100	779.0054	778.3643	0.6411	0	18	58	1	VGEATMR + Oxidation (M)
805	607.5300	1819.5682	1818.9702	0.5980	0	18	51	1	LMQTKPEFVIYHAVK + Oxidation (M)
1166	610.5000	2437.9709	2438.1318	-0.1609	1	18	45	1	AARHVDGMALLYADNLTDSMSR + 2 Oxidation (M)
446	591.3200	2361.2509	2361.1569	0.0940	1	18	2e+002	1	MAVLYHLCTGAARNSAQGESL
567	674.9200	1347.8254	1348.6769	-0.8514	1	18	76	1	AMSTNRIGGAIDK + Oxidation (M)
1134	762.3400	2283.9982	2285.1070	-1.1088	2	18	54	1	MDTPSSGTTIDLEHGAGLRKR + Oxidation (M)
693	545.5000	1633.4782	1631.8519	1.6263	1	18	54	1	ILDPEKTVDFNSR
812	608.2100	1821.6082	1821.8819	-0.2737	2	18	52	1	AGKVVDMEFFLDDDDKK + Oxidation (M)
774	597.1500	1788.4282	1787.8447	0.5834	0	18	53	1	GTCCLMTLIGHDNWVR + Oxidation (M)
496	621.8300	1241.6454	1239.7339	1.9115	0	18	79	1	IPVWLSGSLLR
1068	719.9200	2156.7382	2156.0428	0.6954	1	18	48	1	LREMDLIMLTLCNAYER + Oxidation (M)
1264	694.9800	3469.8636	3467.8262	2.0375	2	18	35	1	QENMSLGBELKQVKEIYPGLDELFTITFAK + Oxidation (M)
949	650.9000	1949.6782	1950.8200	-1.1418	0	18	50	1	SAMEWTGSHAQGNADVMMK + 2 Oxidation (M)
276	921.0900	920.0827	919.4399	0.6428	0	18	70	1	DALGEYPR
792	603.6500	1807.9282	1808.9309	-1.0027	1	18	71	1	VSPDLQSAFFSVKGAEK
802	607.5200	1819.5382	1819.8629	-0.3247	0	18	54	1	HTSFASVEVFFPIDDK
818	458.6200	1830.4509	1829.9936	0.4573	0	18	54	1	MLFGYGLQLLFLMLR + Oxidation (M)
909	640.4000	1918.1782	1918.1251	0.0531	1	18	61	1	EVLLPGPELISVLQQR
1076	720.6300	2158.8682	2159.7608	-0.8926	0	18	55	1	MEGMNNGSSNMMDAMSSASK + 4 Oxidation (M)

✓	991	668.0600	2001.1582	2000.9837	0.1745	0	18	66	1	AEASGSSILICAPEVEVGGVR
✓	1109	558.3100	2229.2109	2228.2488	0.9621	2	18	66	1	TDSVIRLLSAVLRVSEVESR
✓	465	602.1000	1803.2782	1802.9197	0.3585	0	18	1.9e+002	1	GGAETGTLNVLMAGVNVGK + Oxidation (M)
✓	1104	554.8300	2215.2909	2214.9773	0.3136	1	18	64	1	ETWMTSLITGDSQCDQIKS + Oxidation (M)
✓	896	635.9300	1904.7682	1905.7464	-0.9782	0	18	66	1	QGGVDGVIMTSTUGTCTR + Oxidation (M)
✓	328	502.3100	1002.6054	1002.5345	0.0709	1	17	1.1e+002	1	KIDEETIR
✓	520	638.2100	1274.4054	1272.6244	1.7810	1	17	1.8e+002	1	QAPGIAEMERR + Oxidation (M)
✓	992	668.2600	2001.7582	2000.0360	1.7221	1	17	61	1	SLAAIDEMLPNREISVAR + Oxidation (M)
✓	1086	549.8100	2195.2109	1975.0963	-0.8854	1	17	69	1	VAINEQHTNKHYPPEFK
✓	1124	750.9900	2249.9482	2249.0681	0.8801	0	17	61	1	FYIENFDEAPIFGFLNGEK
✓	827	613.0900	1836.2482	1835.8580	0.3902	1	17	61	1	AMSGMVSDLVDPDPARMK + 2 Oxidation (M)
✓	1275	732.2800	3656.3636	3655.8277	0.5359	2	17	30	1	THMNEGQYNTFPVHPVIKSENSVIKAGVRPESR + Oxidation (M)
✓	719	559.2500	1674.7282	1675.8563	-1.1281	1	17	84	1	KETNLCLSADVSLAR
✓	1197	860.3300	2577.9682	2578.3247	-0.3566	1	17	49	1	GTLFGLQSGGRTESILMSLPPMVR + 2 Oxidation (M)
✓	718	419.4900	1673.9309	1674.7923	-0.8614	1	17	88	1	MGIFDYKNLGTGEGSK + Oxidation (M)
✓	384	552.9000	1103.7854	1102.5632	1.2223	2	17	95	1	DGWRAGTKGR
✓	377	544.0900	1086.1654	1085.6557	0.5097	1	17	80	1	GVVIGLTRGSK
✓	951	653.2400	1956.6982	1954.9636	1.7345	0	17	61	1	VDFTGFISNGVNSLETQK
✓	723	562.9100	1685.7082	1683.9281	1.7801	2	17	83	1	APIPHRRAGGESPLAR
✓	348	520.4200	1558.2382	1557.8734	0.3647	2	17	1.9e+002	1	LKDINLLMKAMPR + Oxidation (M)
✓	631	503.5300	1507.5682	1506.8341	0.7341	2	17	77	1	KNMGFGVKTGLALR + Oxidation (M)
✓	912	640.6200	1918.8382	1920.0217	-1.1836	1	17	77	1	LLDLTPNGGSSAFRVAFR
✓	417	569.2300	1136.4454	1136.6342	-0.1888	1	17	91	1	ITKYWASLR
✓	540	435.8800	1304.6182	1303.6013	1.0169	0	17	99	1	DMPGCLGLVGNR + Oxidation (M)
✓	768	594.3500	1780.0282	1779.7603	0.2679	1	17	83	1	QEAAMRCMPYVNHHR + 2 Oxidation (M)
✓	354	526.8500	1051.6854	1049.6597	2.0258	0	17	86	1	TKPAIAPKPK
✓	390	553.9700	1658.8882	1659.7839	-0.8957	1	17	2.3e+002	1	AEPTKAEESVEDVK
✓	367	539.6300	1077.2454	1077.5315	-0.2861	1	17	82	1	DEHRLHSGK
✓	506	630.2500	1258.4854	1257.7405	0.7450	2	17	1e+002	1	VGTIKSKVVGDR
✓	492	620.0700	2476.2509	2475.2825	0.9684	2	17	2.2e+002	1	VMVTQSETLAVPREVAKMGATNK + Oxidation (M)
✓	921	643.3000	1926.8782	1928.0340	-1.1559	1	17	83	1	SVTAIPLSARHGDNVVR
✓	1088	550.4100	2197.6109	2196.0290	1.5819	0	17	59	1	SLQEIQDDMGVIEGVSTTK + Oxidation (M)
✓	345	517.9200	1033.8254	1033.5273	0.2981	2	17	86	1	DMLRRMGR
✓	1117	560.0500	2236.1709	2234.0776	2.0933	0	17	79	1	ENEGDLIFPAETITVEQMAK
✓	756	440.8000	1759.1709	1758.9410	0.2299	2	17	73	1	ALGARSILAPASDRSMK + Oxidation (M)
✓	724	563.2500	1686.7282	1684.7409	1.9872	1	17	92	1	NITNRSDCMAANYR
✓	579	697.7700	2090.2882	2091.1398	-0.8516	1	17	2.1e+002	1	TALSLSMTVGQPFITIEKIR
✓	395	559.7400	2234.9309	2233.2477	1.6832	2	17	2.6e+002	1	AANNRVKINVHTAKPQMVIGK + Oxidation (M)
✓	978	662.5900	1984.7482	1983.0789	1.6693	0	17	71	1	HSPTLPEPGGLSLEPLAR
✓	290	474.6400	947.2654	947.4859	-0.2204	1	17	1e+002	1	QGVKDMVR + Oxidation (M)
✓	1008	674.9200	2021.7382	2021.9186	-0.1805	0	17	69	1	EASLGIQMDEPMAFSPQR + Oxidation (M)
✓	428	579.7400	2314.9309	2313.1576	1.7733	0	17	2.6e+002	1	TIGFVPTMGYLHEGHAALIDR + Oxidation (M)
✓	674	793.4800	2377.4182	2377.2212	0.1969	2	17	2.2e+002	1	VRSSGYASAPHVTMFSFKTNK
✓	614	741.6100	2962.4109	2960.4515	1.9594	2	17	2e+002	1	EDAKADGISANPLAAAAGAPNKNFVEEYK
✓	187	385.2700	768.5254	766.3973	2.1281	1	17	77	1	GYGAGSK
✓	1107	740.2900	2217.8482	2217.2297	0.6185	0	17	69	1	EVGLYLVVEVSSGIIVWDK
✓	996	669.7300	2006.1682	2004.1309	2.0373	1	17	87	1	RWYTTGPVGLLTRPFK
✓	938	649.2600	1944.7582	1945.0785	-0.3204	1	16	80	1	GLKVFLGNGFTPAVEALR
✓	968	659.2800	1974.8182	1974.8993	-0.0811	1	16	83	1	GDSTMPVDQAYEYLSKR + Oxidation (M)
✓	1090	551.9000	2203.5709	2202.0858	1.4851	2	16	67	1	WYGGASSISREEYFKAVPR
✓	561	671.2100	2680.8109	2681.2827	-0.4718	1	16	2.1e+002	1	GTDAINTAHPVAAQQGMAASAKDTER
✓	695	818.5800	3270.2909	3268.7417	1.5492	2	16	1.9e+002	1	LMLSYDLKTYLTNTLNSTVFKLFTTGR + Oxidation (M)
✓	243	431.3900	860.7654	859.3858	1.3796	0	16	1.1e+002	1	TMVHDNK + Oxidation (M)
✓	806	607.5400	1819.5982	1819.9792	-0.3810	2	16	76	1	KGSAAKEAAQFLAQATTK
✓	109	325.7500	1298.9709	1298.6870	0.2839	0	16	3.3e+002	1	LVSDGYLLYTR
✓	907	639.9500	1916.8282	1916.9551	-0.1270	1	16	91	1	SNNSNRLAQVSEETAGTK
✓	699	823.8700	1645.7254	1645.8523	-0.1268	1	16	1.1e+002	1	DTLARSEGLDITIDK
✓	411	376.8500	1127.5282	1127.5823	-0.0541	0	16	1.2e+002	1	GDVQDLPSGLK
✓	883	631.2400	1890.6982	1890.8571	-0.1589	0	16	80	1	AYPGSHISGPNFGDMVDK
✓	825	612.7600	1835.2582	1836.0581	-0.8000	2	16	78	1	TLKQGIKVTGVLHSGNK
✓	662	782.8400	2345.4982	2344.2274	1.2707	2	16	2.3e+002	1	AAIDTDETTQKWVGNKVVEIK
✓	1173	619.8300	2475.2909	2475.2129	0.0780	2	16	85	1	VEVPQEAFAALSSDEDNGKDKK
✓	740	858.0000	2570.9782	2571.1925	-0.2143	1	16	2.2e+002	1	VTFHIEPYSNRDDQNMHQNVK
✓	530	646.5400	1291.0654	1289.6762	1.3893	1	16	90	1	LTKGVQMVSDGR
✓	547	657.7200	1970.1382	1970.9486	-0.8105	1	16	2.5e+002	1	FFPATADRTVIDYNGER
✓	391	554.4100	1106.8054	1106.6084	0.1971	1	16	1e+002	1	FTINVETRK
✓	162	366.3500	730.6854	731.4654	-0.7799	2	16	1.4e+002	1	TRKVTK
✓	471	605.0600	1208.1054	1206.6608	1.4446	2	16	84	1	AGSKLLDVNY
✓	143	353.5500	1057.6282	1057.4572	0.1709	0	16	3.3e+002	1	YMTFPMQOK + 2 Oxidation (M)
✓	285	468.7700	935.5254	936.5141	-0.9887	0	16	1.3e+002	1	DHGLINLR
✓	519	638.1900	1274.3654	1274.6467	-0.2812	0	16	99	1	SQEPVSGSTTLTR
✓	836	616.0200	1845.0382	1842.9365	2.1016	1	16	1e+002	1	LMRGSLLSLISSTMMR + 3 Oxidation (M)
✓	1062	716.2000	2145.5782	2144.1260	1.4522	1	16	74	1	AIVSPISGTTDRDAIDMVVQR + Oxidation (M)
✓	760	589.8200	1766.4382	1765.8669	0.5713	0	16	80	1	MSAGGTGFQQVEQALVK + Oxidation (M)
✓	246	435.8700	869.7254	868.3749	1.3506	0	16	93	1	FAETDMR
✓	615	494.8900	1481.6482	1480.8289	0.8192	1	16	1.1e+002	1	SIYLDFLKNQK
✓	746	864.3100	2589.9082	2589.2428	0.6654	0	16	2e+002	1	SVEDNGDVYIVPAFSGLYAPYWK
✓	794	605.2400	1812.6982	1812.8867	-0.1885	1	16	91	1	VNDLDSFGQGVARHNGK
✓	620	745.8300	2234.4682	2234.1113	0.3569	1	16	2.6e+002	1	NQDQELYIRNGLLNMLER + Oxidation (M)
✓	969	494.8100	1975.2109	1975.7775	-0.5666	0	16	92	1	DGMGGATMASAEFGEGSSEK + Oxidation (M)
✓	757	587.8600	1760.5582	1760.8403	-0.2821	0	16	84	1	MEIDEHASIYVDLAR

✓	571	679.6100	2035.8082	2035.1612	0.6470	2	16	2.6e+002	1	LIMVLKINSLSRGYS GIR + Oxidation (M)
✓	1000	670.7200	2009.1382	2009.1680	-0.0298	2	16	1e+002	1	LLAAVRAAAAGGMTALQLRR
✓	1245	506.3200	3031.8763	3030.4911	1.3852	1	16	56	1	RFMHNSAMIRPAEIMQMPVGESLIEK + Oxidation (M)
✓	362	534.2300	1066.4454	1064.5978	1.8476	0	16	1.1e+002	1	LLPPTPASNR
✓	57	572.1300	571.1227	571.2714	-0.1487	0	16	92	1	GDPAGR
✓	524	640.0200	1917.0382	1915.9713	1.0669	2	16	2.7e+002	1	KLDADDQLLMKEPAWK + Oxidation (M)
✓	716	558.6100	1672.8082	1673.9325	-1.1244	2	16	1.2e+002	1	LHPGKIAVGIDARDGR
✓	1215	681.2800	2721.0909	2719.0917	1.9992	2	16	66	1	NKCMRSEMFPTGPCGNNGETCK + Oxidation (M)
✓	265	452.9900	1807.9309	1807.8336	0.0973	0	16	3.3e+002	1	QAARAEESYNTALANAR
✓	441	392.5000	1174.4782	1173.6288	0.8494	2	16	1.4e+002	1	ERECALLR
✓	597	722.6800	1443.3454	1442.7228	0.6227	1	16	93	1	GAFGKVYLAQDMK + Oxidation (M)
✓	521	638.4900	2549.9309	2548.2420	1.6889	1	16	2.6e+002	1	HASDEEPPAALAFKIMTDPFVGR
✓	707	829.7400	2486.1982	2485.2668	0.9313	1	16	2.4e+002	1	INIAMICQTLVSPPEGNKEISR + Oxidation (M)
✓	383	551.9600	1101.9054	1101.6393	0.2661	2	16	1.1e+002	1	AKVTAVEKEK
✓	702	828.0800	3308.2909	3308.5363	-0.2454	2	16	2.4e+002	1	KNSQCQMGKSGMSGDSLVSLPSAGYIPSYL DK + 2 Oxidation (M)
✓	557	446.6100	1336.8082	1337.6431	-0.8350	1	16	1.2e+002	1	QTEMAKALGMSR + Oxidation (M)
✓	1237	740.4300	2957.6909	2957.6481	2.0428	2	16	69	1	VMTFPFDALKAGATHLVVGRPIVKAPDPR
✓	854	621.9600	1862.8582	1863.9591	-1.1010	1	16	1.1e+002	1	GNSSLADFAKLRPAFDR
✓	366	539.6100	1077.2054	1075.6138	1.5916	2	16	1.1e+002	1	ELLRFKDR
✓	743	573.4000	1717.1782	1715.9417	1.2364	2	16	96	1	DNSTIVKGKGLSQIK
✓	977	662.2700	1983.7882	1982.0949	1.6933	0	16	93	1	LSAIIINPGAYTHTSVGIR
✓	1217	545.5300	2722.6136	2721.2962	1.3174	2	16	73	1	NMRLVEAEQSRFPGLDLTACENR + Oxidation (M)
✓	680	805.2200	3216.8509	3215.4677	1.3832	1	16	2.3e+002	1	MDSAIETSSGSDSDDEVPPQPVWPQTRTR + Oxidation (M)
✓	558	669.6100	2674.4109	2674.3214	0.0895	1	16	2.8e+002	1	RVSGGAMQLSFTQLTIDYPPYHK
✓	1023	516.6900	2062.7309	2063.0986	-0.3677	2	16	84	1	RGVLAVMPKANEFYTVR + Oxidation (M)
✓	623	750.8000	1499.5854	1500.7685	-1.1830	1	16	1.1e+002	1	ISARDLNVHYGEK
✓	487	617.5200	1849.5382	1849.0933	0.4449	2	16	2.8e+002	1	KKISIFILLVAMGLCK + Oxidation (M)
✓	1074	720.2400	2157.6982	2158.0987	-0.4005	2	16	82	1	SANQLDMAGTKKNLIHV MR + 2 Oxidation (M)
✓	826	612.7700	1835.2882	1836.0118	-0.7237	1	16	91	1	ALRHIVGSLGGVANGYPR
✓	706	553.3800	1657.1182	1657.9623	-0.8441	0	16	1e+002	1	SVLLGIMGLMVILQR + Oxidation (M)
✓	449	594.2400	1779.6982	1777.9224	1.7758	1	15	3.4e+002	1	HHLNQVDTIFARAGLS
✓	1081	545.4300	2177.6909	2177.1151	0.5758	1	15	83	1	VNV MPLSGALAGTTFFDIDRK + Oxidation (M)
✓	930	645.6000	1933.7782	1934.8930	-1.1148	1	15	1e+002	1	SSATQKDATADGQTDVNAR
✓	172	376.8600	751.7054	750.3218	1.3836	0	15	88	1	TCDDLK
✓	963	984.9300	2951.7682	2952.3263	-0.5581	1	15	2.2e+002	1	QVDDICNNGMESVEQC NKLLDQLSK + Oxidation (M)
✓	1139	575.6000	2298.3709	2298.2188	0.1521	1	15	94	1	GMTAQVGITMPRTKPSAPAGALK + Oxidation (M)
✓	360	530.3700	1058.7254	1058.5356	0.1898	0	15	1.6e+002	1	GTQGAEEVLR
✓	274	458.4000	914.7854	915.5542	-0.7687	0	15	1.4e+002	1	VVVLAYPR
✓	833	614.8800	1841.6182	1840.9029	0.7152	0	15	97	1	MHIQEAIFVTSSATYK + Oxidation (M)
✓	1176	621.8200	2483.2509	2482.2155	1.0354	2	15	1.1e+002	1	MDSMITDILESARGSA SELRIR + 2 Oxidation (M)
✓	900	638.5200	1912.5382	1911.9248	0.6134	0	15	93	1	LNADLPDSEESMVHVLK + Oxidation (M)
✓	175	377.9000	1507.5709	1508.7439	-1.1730	1	15	3.5e+002	1	SKCAGIVLAGGMSSR + Oxidation (M)
✓	791	603.1900	1806.5482	1807.7393	-1.1911	0	15	98	1	DFGEMISGGFN DMTSGK + Oxidation (M)
✓	330	505.1900	1008.3654	1009.5379	-1.1724	1	15	1.3e+002	1	KNMLYLGR + Oxidation (M)
✓	644	510.7200	1529.1382	1527.6554	1.4828	0	15	1.1e+002	1	AMMMQMGQKPSEK + 2 Oxidation (M)
✓	415	376.8800	1127.6182	1127.5757	0.0425	0	15	1.5e+002	1	MATLINNSHK
✓	816	913.4900	3649.9309	3649.7260	0.2049	2	15	2.9e+002	1	ANNWPVYPDANGTLRISYGMVDGYQSRDALYK + Oxidation (M)
✓	994	668.9900	2003.9482	2003.9227	0.0255	1	15	1.2e+002	1	ISSTVMCATCFNKNSIR + Oxidation (M)
✓	1141	768.6400	2302.8982	2303.2195	-0.3213	1	15	91	1	NGIFSDIPTLLDIGMLGKIR + Oxidation (M)
✓	398	561.3000	1120.5854	1118.6084	1.9771	1	15	1.6e+002	1	NKILFENNK
✓	529	644.2600	1286.5054	1286.6143	-0.1089	0	15	1.5e+002	1	FSGSGAGTDFTLK
✓	401	561.3200	1120.6254	1119.6652	0.9603	1	15	1.6e+002	1	LYLLLSKDR
✓	784	600.3400	1797.9982	1795.8927	2.1055	0	15	1.3e+002	1	ATVYMQQPPVDGQPHIK + Oxidation (M)
✓	984	498.7400	1990.9309	1990.1146	0.8163	2	15	1.3e+002	1	CAIVIQSIVRKNIAYSR
✓	608	732.6400	2926.5309	2925.3235	1.2074	1	15	3e+002	1	IDMYSSYVDKLVGMNIFHMTSDEAK + 2 Oxidation (M)
✓	901	638.5500	1912.6282	1911.9335	0.6947	1	15	98	1	RMLDGLDPHMLPNYK + Oxidation (M)
✓	1067	719.9100	2156.7082	2157.1351	-0.4270	1	15	94	1	GLVTPVLRDVTDLGMADIEK + Oxidation (M)
✓	292	474.6900	947.3654	948.4950	-1.1295	0	15	1.8e+002	1	ELTQMAIK + Oxidation (M)
✓	289	470.9600	1879.8109	1880.0367	-0.2258	1	15	3.6e+002	1	VVKIAETEGLTAHANSIK
✓	293	475.9800	949.9454	950.4709	-0.5254	0	15	1.2e+002	1	AVESAAFEK
✓	744	574.0400	1719.0982	1716.9266	2.1716	2	15	1.2e+002	1	MPILKMSEL DLAGKR + Oxidation (M)
✓	804	607.5300	1819.5682	1817.9855	1.5827	2	15	1e+002	1	IKKEMIAML LAGGQGS R + Oxidation (M)
✓	478	610.5000	1218.9854	1218.6568	0.3286	0	15	1.2e+002	1	SGTSASLAISGLR
✓	432	583.9300	1165.8454	1165.5624	0.2831	0	15	1.2e+002	1	YMSM GHVVVK + Oxidation (M)
✓	793	605.0200	1812.0382	1811.8546	0.1836	2	15	1.3e+002	1	DPLGTRCKSVEEYMK
✓	295	478.1000	1908.3709	1907.9887	0.3822	2	15	3.2e+002	1	GMREIRYELQQIGTAK + Oxidation (M)
✓	843	462.8100	1847.2109	1845.9263	1.2846	2	15	1.1e+002	1	GVDKRIDVLSMAMMHK + Oxidation (M)
✓	337	510.6000	1528.7782	1526.8252	1.9530	2	15	3.9e+002	1	LCNRLHKAFAAR
✓	711	554.8600	1661.5582	1661.7791	-0.2209	1	15	1.2e+002	1	AMEQNSNGAKIEQAR + Oxidation (M)
✓	445	591.2000	2360.7709	2361.1058	-0.3349	1	15	3.2e+002	1	ELTGQRPRAGDGPDPGADDGAGPR
✓	440	587.8500	1173.6854	1174.6598	-0.9743	0	15	1.8e+002	1	DFGIGLVDLVK
✓	897	477.5700	1906.2509	1905.0506	1.2003	2	15	1.1e+002	1	RVVIGYDEGTMV KLGR
✓	439	586.8900	1171.7654	1170.5644	1.2010	1	15	1.7e+002	1	RQFFEWKK
✓	455	597.5400	1789.5982	1789.9179	-0.3197	1	15	3.5e+002	1	GSQTRMILLTGPNMAGK + Oxidation (M)
✓	393	556.7600	1111.5054	1109.6305	1.8749	1	15	1.5e+002	1	VDAIPGRINR
✓	396	560.2500	1677.7282	1678.6931	-0.9649	0	15	4.4e+002	1	NIPSMIMSSMMMK + 3 Oxidation (M)
✓	149	358.9600	1431.8109	1432.8150	-1.0041	1	15	4.9e+002	1	INEVAARVPHLSK
✓	1013	679.4700	2035.3882	2035.9931	-0.6049	1	15	99	1	NMNSMRFIQQAIEVEAR
✓	837	462.3000	1845.1709	1844.8978	0.2731	0	15	1.2e+002	1	HYELMVILDPSLDER + Oxidation (M)
✓	850	931.2100	2790.6082	2790.4269	0.1813	0	15	2.7e+002	1	LHVLQALAQQLGMTALASGDVHMAQR + 2 Oxidation (M)
✓	720	559.8000	1676.3782	1674.8035	1.5747	2	15	1.2e+002	1	MAEKSYQAGVKEYR + Oxidation (M)

✓	434	584.6600	2334.6109	2333.1070	1.5039	2	15	3.5e+002	1	ILEKESNDMOHEKVQGGYGR + Oxidation (M)
✓	453	596.3100	1190.6054	1188.6026	2.0028	0	15	1.8e+002	1	ALEDWVLSEK
✓	1063	537.4200	2145.6509	2144.0394	1.6115	1	15	1e+002	1	QQAVMDLPYYAAMTGKVAR + 2 Oxidation (M)
✓	511	633.2800	1896.8182	1894.8666	1.9516	1	15	4e+002	1	FMVGTGEGQSECPLERR
✓	237	426.0500	1700.1709	1699.8273	0.3436	2	15	3.9e+002	1	KLDKMAEQAAASMYK + Oxidation (M)
✓	550	660.6400	1978.8982	1977.9288	0.9693	0	15	3.7e+002	1	FTSVDPDSMGVLAQHNTK + Oxidation (M)
✓	753	876.3300	3501.2909	3499.8774	1.4135	2	15	2.7e+002	1	TITETDGLDVVAIDIPNHPKGLDIGELTGLGK
✓	572	456.2300	1365.6682	1365.7140	-0.0458	2	15	1.6e+002	1	GYSKDKVEELAK
✓	1184	631.2900	2523.5709	2524.3537	-0.7828	1	15	96	1	ALSSYKQLVEFTVLVDNLGTATR
✓	929	645.3000	1932.8782	1932.0940	0.7841	1	15	1.4e+002	1	FLPIIAGMAAKVICAITK + Oxidation (M)
✓	788	600.6500	1798.9282	1797.9771	0.9511	2	15	1.5e+002	1	RDLTLPEKVVNEMR
✓	317	494.8800	987.7454	986.5257	1.2197	1	15	1.9e+002	1	QTANEIRR
✓	995	669.2600	2004.7582	2003.0323	1.7258	1	15	1.2e+002	1	GETFTVSPAEDAARGAAITLK
✓	1164	607.0200	2424.0509	2423.2591	0.7918	1	15	1.1e+002	1	ALNRNVVTCHELVDINVSQVK
✓	184	383.8000	1531.1709	1529.6160	1.5549	0	15	4.3e+002	1	MLQMNSMNDKASK + 2 Oxidation (M)
✓	975	661.9200	1982.7382	1982.9230	-0.1848	0	15	1.1e+002	1	GWLTAEYAMLPMATQER + Oxidation (M)
✓	1075	720.2900	2157.8482	2158.9926	-1.1444	2	15	1.1e+002	1	LQHAEDRMEAAAGNDFQRR + Oxidation (M)
✓	150	359.1600	716.3054	714.3661	1.9394	0	15	2.6e+002	1	GDVAPTR
✓	1140	767.9300	2300.7682	2300.2086	0.5596	0	15	1e+002	1	NLVQITLLEAADHILTMFDK + Oxidation (M)
✓	1181	628.6300	2510.4909	2511.3294	-0.8385	1	14	1.1e+002	1	HLNVNLLYAMLDDLPEEELKEK + Oxidation (M)
✓	171	376.8600	751.7054	750.3872	1.3183	0	14	1.1e+002	1	TTISSSR
✓	1126	564.0000	2251.9709	2251.1076	0.8633	1	14	1.3e+002	1	LPSSGEEAAATPTMSMTVVTKKEK + Oxidation (M)
✓	953	655.2100	1962.6082	1960.9014	1.7068	1	14	1.1e+002	1	GEEPFVEELESAKESSWR
✓	1159	600.1300	2396.4909	2397.0471	-0.5562	0	14	1.1e+002	1	TYEAMYQAAEQFQFDEAVK
✓	1258	844.3600	3373.4109	3373.6590	-0.2481	1	14	74	1	GSGMIHPNMATMLGFVATDAAIAPALMQRMVR + Oxidation (M)
✓	1113	745.3300	2232.9682	2233.0680	-0.0999	1	14	1.3e+002	1	TGITTTMYMDVGLDKGDMILK + 2 Oxidation (M)
✓	830	614.2600	1839.7582	1838.9924	0.7658	0	14	1.4e+002	1	MDEIRPISVEVGLPR + Oxidation (M)
✓	573	685.3900	2737.5309	2736.5174	1.0135	1	14	4.3e+002	1	ALAGIGEPALPLLLSAAREDFLSVR
✓	1236	592.2000	2955.9636	2954.3213	1.6423	2	14	83	1	VTGDHQETRRRENGEGGSCSPFPSPEPK
✓	745	574.1100	1719.3082	1719.9056	-0.5974	2	14	1.3e+002	1	AYKNHRAyntIELK
✓	34	516.9900	515.9827	516.2656	-0.2829	0	14	2.9e+002	1	ASSPR
✓	1208	656.6400	2622.5309	2621.2209	1.3100	2	14	1.1e+002	1	KMAEDMILDFSKNSDMAMVILR + 4 Oxidation (M)
✓	964	656.9800	1967.9182	1967.0436	0.8745	1	14	1.5e+002	1	VTVSTTTGPGIPVDPNRTR
✓	677	534.3800	1600.1182	1598.8338	1.2844	0	14	1.4e+002	1	MSVHAITGDIDLLK + Oxidation (M)
✓	915	481.0200	1920.0509	1921.0343	-0.9834	2	14	1.5e+002	1	EDKILTISPRAMFVSSK
✓	1101	737.7600	2210.2582	2211.1246	-0.8664	0	14	1.4e+002	1	SADVIVIGAPMYNFGVSSQLK + Oxidation (M)
✓	286	468.7800	935.5454	934.4832	1.0622	1	14	2e+002	1	SLTRDTSR
✓	500	626.5400	2502.1309	2500.2719	1.8590	0	14	3.8e+002	1	AFQAQLQIAAELQIPFMHCR + Oxidation (M)
✓	491	620.0600	1857.1582	1857.7323	-0.5741	0	14	4.1e+002	1	NQGD TDMSQYAPDSSK
✓	581	699.2800	1396.5454	1395.7371	0.8083	1	14	1.6e+002	1	RYLHDNNIPVR
✓	1138	766.1000	2295.2782	2294.1630	1.1152	2	14	1.4e+002	1	YRFYSFGDAMLLLGGRSLR + Oxidation (M)
✓	1037	528.3400	2109.3309	2108.9143	0.4166	1	14	1.2e+002	1	EMCTDYTTAEQIARNK + Oxidation (M)
✓	1015	680.3000	2037.8782	2037.8797	-0.0015	2	14	1.4e+002	1	ENMDVDKDKGTENAEAEK + Oxidation (M)
✓	563	672.9500	2015.8282	2015.9769	-0.1487	2	14	4.1e+002	1	KRDGCTVASTAVASMYVGK + Oxidation (M)
✓	906	639.9000	1916.6782	1917.0288	-0.3506	2	14	1.2e+002	1	KLSLRGNLNM ^T APIMSR + Oxidation (M)
✓	192	388.0500	774.0854	774.4640	-0.3785	0	14	2e+002	1	ALSPLFK
✓	940	649.2700	1944.7882	1943.0337	1.7545	2	14	1.4e+002	1	SEFRVLLDDRDIRPGR
✓	576	696.1400	1390.2654	1389.7802	0.4852	1	14	1.5e+002	1	KGVAIFGAELMR
✓	844	616.7600	1847.2582	1847.9642	-0.7060	2	14	1.3e+002	1	ATVYGYPRQGFNRELK
✓	206	400.9800	799.9454	800.4643	-0.5189	0	14	1.7e+002	1	AEVELLK
✓	343	514.0800	1539.2182	1538.7399	0.4783	1	14	3.9e+002	1	KCEESQLVIYDR
✓	525	641.5100	1281.0054	1281.5846	-0.5791	0	14	1.4e+002	1	SAMFTPVGGEMR
✓	1209	662.3000	2645.1709	2643.1370	2.0339	1	14	1.2e+002	1	DGEFEPVSWDEAFDVMAQQCKR
✓	809	607.8700	1820.5882	1820.9744	-0.3863	0	14	1.3e+002	1	GPQGQLEGNLLALAVDAAR
✓	681	808.5900	1615.1654	1615.8530	-0.6875	0	14	3.3e+002	1	AAGISGVDSATITGQIR
✓	356	528.3300	1054.6454	1054.5335	0.1119	0	14	1.8e+002	1	ETLYPTFGK
✓	603	486.1500	1455.4282	1453.7313	1.6968	1	14	1.4e+002	1	IARQEADYYIGR
✓	634	504.1100	1509.3082	1507.8834	1.4247	1	14	1.4e+002	1	TAVALARIPNVDLR
✓	993	668.8100	2003.4082	2002.9153	0.4928	2	14	1.2e+002	1	ENGTKLEYTEMKSDGTGK + Oxidation (M)
✓	321	496.3500	1486.0282	1486.7047	-0.6766	0	14	5.1e+002	1	IFMADEIGTMSLK + 2 Oxidation (M)
✓	353	526.4500	1050.8854	1050.7165	0.1690	0	14	1.4e+002	1	LLLTLLPLLR
✓	357	528.3900	1054.7654	1053.4583	1.3072	1	14	1.6e+002	1	MKNDDGMSQK + Oxidation (M)
✓	739	857.9900	2570.9482	2569.1682	1.7799	0	14	3.7e+002	1	NIYFISFGGSEFNEAGATELMEK + Oxidation (M)
✓	908	640.2600	1917.7582	1916.9513	0.8068	0	14	1.4e+002	1	TSMVVLHASQVTOETLEK + Oxidation (M)
✓	1058	713.6400	2137.8982	2135.9332	1.9649	1	14	1.4e+002	1	YTEYHDDMMWKFIYDK + Oxidation (M)
✓	801	910.3900	1818.7654	1818.9588	-0.1934	0	14	1.6e+002	1	TVADSAVLQVIAGHDPR
✓	1234	1472.7200	2943.4254	2943.4128	0.0127	1	14	2.1e+002	1	YGIYLN ^F VHAFMY ^S YFLRSMK + 2 Oxidation (M)
✓	552	664.7500	1327.4854	1325.7667	1.7188	2	14	1.7e+002	1	EPKVEINTKR
✓	1066	719.1900	2154.5482	2155.0182	-0.4700	2	14	1.2e+002	1	EGADTD ^L ELVEKFNYGKGQR
✓	483	613.9000	1225.7854	1224.6840	1.1015	2	14	1.8e+002	1	RSPPPPPGHKR
✓	1128	753.7000	2258.0782	2256.2221	1.8561	2	14	1.5e+002	1	MAEKEQPLKAVQVEALVVMK + Oxidation (M)
✓	389	553.9100	2211.6109	2211.2119	0.3990	2	14	4.8e+002	1	MIIMLTPKKAGTGSAPAAAAAPK + Oxidation (M)
✓	493	620.3200	1238.6254	1238.6731	-0.0477	1	14	1.9e+002	1	AGDPSPIALSRR
✓	1046	712.5400	2134.5982	2133.0425	1.5556	1	14	1.2e+002	1	QGPSARDPVFYNPAMQLSR
✓	516	635.6400	1903.8982	1904.8608	-0.9626	0	14	4.4e+002	1	MQNEIMAPEDGTVEVR
✓	622	750.2000	2996.7709	2997.5820	-0.8111	1	14	3.6e+002	1	TALVIVSYGCKVPAGIFVPSMAIGATFGR + Oxidation (M)
✓	604	729.0600	2184.1582	2182.0728	2.0853	1	14	4.2e+002	1	GIDISLFPFRMSYDEAISR + Oxidation (M)
✓	759	589.2900	1764.8482	1765.8709	-1.0227	0	14	1.8e+002	1	GVNDNQIIPMIDYFK
✓	1030	524.3700	2093.4509	2094.0779	-0.6270	1	14	1.3e+002	1	LENATMAYLGQAARITDK + Oxidation (M)
✓	451	594.6900	1187.3654	1186.6306	0.7349	1	14	1.8e+002	1	ISKVLADNGDR
✓	1226	931.1000	2790.2782	2789.4058	0.8724	2	14	1.3e+002	1	EEIDIFEGIKDHQALQMAKNLGFK + Oxidation (M)

✓	361	534.2200	1066.4254	1064.5107	1.9148	0	14	1.8e+002	1	NIISMMSNR
✓	696	546.1400	1635.3982	1633.8424	1.5558	1	14	1.4e+002	1	LQDTYRLDPGTISR
✓	832	920.9300	2759.7682	2760.3872	-0.6190	2	14	3.6e+002	1	FVRRYADLDGVIFDAVTGYVDDVR
✓	250	438.2000	874.3854	872.4603	1.9251	0	14	6.6e+002	1	AELIGENK
✓	1174	420.7900	2479.1309	2478.3118	0.8191	2	14	1.4e+002	1	VSSHLSAKTDYLIAGEKPGSKYK
✓	730	568.0100	1701.0082	1701.9348	-0.9267	2	14	1.9e+002	1	YMWIQGEPGRVIRGK
✓	498	624.7900	1247.5654	1246.7179	0.8475	2	14	2.2e+002	1	LGSSLMKALRR + Oxidation (M)
✓	349	524.8400	1047.6654	1045.5040	2.1614	0	14	2.3e+002	1	VTVNDDAAK
✓	1222	554.8600	2769.2636	2769.3857	-0.1221	2	14	1.3e+002	1	KCPGRVVGCVVAHPHSWPQVSLR
✓	986	498.7600	1991.0109	1991.0034	0.0075	0	14	1.8e+002	1	TNEGVLVCVVKPLNYEEK
✓	132	344.7500	1374.9709	1373.7337	1.2372	0	14	6.8e+002	1	ADLILINTCSVR
✓	535	649.2200	1296.4254	1294.7608	1.6646	1	14	1.6e+002	1	TIIEPPAALKSR
✓	334	508.6300	1015.2454	1013.4964	1.7490	1	14	5.1e+002	1	MKTFTNTR + Oxidation (M)
✓	379	547.9300	2187.6909	2186.0725	1.6184	2	14	4.7e+002	1	LVDKRSGGAPMMVEQYHPR + Oxidation (M)
✓	433	583.9700	1165.9254	1166.6448	-0.7193	1	14	1.5e+002	1	AGERYFALLK
✓	752	875.6100	2623.8082	2624.4108	-0.6027	2	14	3.3e+002	1	MGSPSPFQLVELGPGRGTLARDVLK
✓	488	619.7600	1237.5054	1238.6156	-1.1102	0	14	1.9e+002	1	WNSHGLVAEAR
✓	1036	528.3100	2109.2109	2109.0048	0.2061	0	14	1.6e+002	1	ILTTGYGAGDAETDMPNVLNR + Oxidation (M)
✓	339	511.2300	2040.8909	2041.0368	-0.1459	0	14	6.1e+002	1	VSLVGEEIVNGVAVDTEPK
✓	539	435.8700	1304.5882	1305.7041	-1.1159	0	14	2.2e+002	1	AIALSASAIIGGGR
✓	612	740.9600	2219.8582	2220.1983	-0.3402	1	14	4.3e+002	1	AIIVGGMARLDGRPVMVIGHQK + Oxidation (M)
✓	351	526.3700	1050.7254	1051.5662	-0.8407	0	14	1.9e+002	1	DVEHGLALAK
✓	518	636.2400	2540.9309	2539.1457	1.7852	1	14	4.5e+002	1	LSQEKQTSDDSVGVGDNCSTLGR
✓	823	612.7500	1835.2282	1834.9034	0.3247	1	14	1.5e+002	1	GVDGPDGRPGPQTERAAR
✓	254	440.2100	878.4054	878.4610	-0.0556	0	14	2.4e+002	1	LTFANTGR
✓	575	690.4300	2068.2682	2068.1151	0.1531	2	14	4.7e+002	1	SSHRPQHRLSVPDIQRR
✓	1158	798.4700	2392.3882	2393.1846	-0.7965	2	14	1.5e+002	1	AQVIKFKLHMMAYYSHFNR + Oxidation (M)
✓	697	819.0800	2454.2182	2453.1342	1.0840	0	14	4e+002	1	ISASIPVPTFLAAAEEGMDMDK + 2 Oxidation (M)
✓	887	633.2200	1896.6382	1896.9087	-0.2705	2	14	1.4e+002	1	AAGATRFCCGAAWREVK + Oxidation (M)
✓	997	669.9400	2006.7982	2007.9935	-1.1954	1	14	1.5e+002	1	RDPPPGVPTDEMLLNVDK + Oxidation (M)
✓	658	515.9500	1544.8282	1542.7824	2.0457	0	14	2.2e+002	1	ADQVPSVVSAGAGMLR
✓	494	620.6400	2478.5309	2479.3223	-0.7914	2	14	4.8e+002	1	YIYDTVLLANTFHRKLEDR
✓	522	638.7100	1275.4054	1274.6520	0.7534	1	14	1.9e+002	1	FKNVWTTHSR
✓	1259	847.2900	3385.1309	3385.5595	-0.4286	1	14	83	1	NEMHFSVGGQFTEEYLQQAIPIGIMKNEEGK + 2 Oxidation (M)
✓	358	529.6200	2114.4509	2113.1042	1.3467	2	14	5.3e+002	1	RSAAKPWNFAIRAGGHGPDNR
✓	610	735.6100	2938.4109	2938.5878	-0.1769	0	13	4.3e+002	1	IVPVDIYVPGCPPTAEALVYGVQLQK
✓	664	784.4900	3133.9309	3132.5198	1.4111	2	13	4.2e+002	1	DGARGAPGAVGAPGAPAGANGDRGEAGPAGPAGPR
✓	682	539.6000	1615.7782	1613.6787	2.0995	2	13	2.1e+002	1	SWERSRSCSGSCR
✓	1270	905.8700	3619.4509	3619.9299	-0.4790	0	13	77	1	SGALRPKPDMPFGLFAIFCAVIPGLFIGATISK
✓	925	483.4800	1929.8909	1930.0557	-0.1648	1	13	1.9e+002	1	MITIITQDQLKTSPSVR
✓	630	503.5200	1507.5382	1506.7898	0.7484	2	13	1.7e+002	1	MVIAVRKDLDMGK + 2 Oxidation (M)
✓	663	783.1400	2346.3982	2345.0619	1.3363	2	13	4.3e+002	1	ESPAQRDEDAVLASGDEKDEGK
✓	888	633.2400	1896.6982	1894.9757	1.7225	1	13	1.5e+002	1	AIPMSDRQEILMLHNK
✓	979	662.6100	1984.8082	1983.9533	0.8549	1	13	1.7e+002	1	EMSPLYEMVKEGIDLSK + Oxidation (M)
✓	1191	638.6700	2550.6509	2549.2829	1.3680	1	13	2.1e+002	1	VASGLDSMVLGETQILGQMKDAVR + 2 Oxidation (M)
✓	585	701.3700	1400.7254	1401.6160	-0.8906	0	13	2.4e+002	1	YNNAFSTETAER
✓	512	633.2800	1264.5454	1262.5204	2.0251	1	13	2.2e+002	1	WDGFHEKDET
✓	1182	838.3700	2512.0882	2512.2029	-0.1148	2	13	1.5e+002	1	WDGATAQARMNDLLSAFYGNRR
✓	342	513.9900	1025.9654	1024.5050	1.4605	0	13	1.6e+002	1	NNIGPPSGNR
✓	877	628.6100	1882.8082	1883.0709	-0.2628	2	13	1.8e+002	1	MRIGIIGLGRMGGINIAVR
✓	924	483.4600	1929.8109	1928.0012	1.8097	0	13	1.8e+002	1	LGVGMMLNADNHIFVGK
✓	972	661.2600	1980.7582	1980.0099	0.7483	2	13	1.6e+002	1	AERTVFETMTGVS RVGPK + Oxidation (M)
✓	1051	712.9100	2135.7082	2135.0184	0.6897	0	13	1.4e+002	1	NFLNWNNSGFSITEISHR
✓	1228	713.1600	2848.6109	2846.4782	2.1327	2	13	1.3e+002	1	AKTAADCLIAVMSGNPLQRGEPAIVSK
✓	824	612.7500	1835.2282	1835.9781	-0.7499	1	13	1.6e+002	1	GYPPQGLAYTVIKEELR
✓	643	764.9000	1527.7854	1525.7783	2.0071	2	13	2.2e+002	1	GDEVEMHRLIR + Oxidation (M)
✓	1131	755.8100	2264.4082	2263.1049	1.3033	2	13	1.5e+002	1	SSQIDAVILAGGMARRMGDDK + Oxidation (M)
✓	596	722.6600	1443.3054	1441.7525	1.5530	2	13	1.7e+002	1	DQGLVDSKEPAKR
✓	419	571.0400	1140.0654	1140.6404	-0.5749	0	13	1.7e+002	1	SLGNLVFVHR
✓	375	544.0900	1629.2482	1628.7828	0.4654	0	13	5.4e+002	1	GAAQLAELQDPAASCK
✓	645	510.7200	1529.1382	1527.6554	1.4828	0	13	1.8e+002	1	AMMMQMGQKPSEK + 2 Oxidation (M)
✓	616	495.1500	1482.4282	1481.8242	0.6040	2	13	1.7e+002	1	KYDSNKIFNLLK
✓	136	347.6900	1386.7309	1385.7626	0.9682	2	13	6.4e+002	1	DRKLSAGALQSLAG
✓	1278	623.4800	3734.8363	3733.8246	1.0117	1	13	1e+002	1	VHLWMCGLPLLDILHQGTQHNQKLNFGGAYEK + Oxidation (M)
✓	861	937.4900	2809.4482	2807.3906	2.0576	2	13	4.7e+002	1	VVVMSEGRVTGELTRAETQENIMR + 2 Oxidation (M)
✓	414	376.8700	1127.5882	1128.6754	-1.0873	0	13	2.6e+002	1	VATEVLVTRGIK
✓	875	626.9100	1877.7082	1878.0284	-0.3203	2	13	1.7e+002	1	SDVLLYRMLPKTVAEK + Oxidation (M)
✓	1123	750.9200	2249.7382	2249.1402	0.5980	1	13	1.4e+002	1	MSSVQNKVETLVELFPDWK
✓	1221	691.5800	2762.2909	2762.4014	-0.1105	2	13	1.6e+002	1	QPFEIKAEKIDIEGLSDSDYPLQK
✓	1153	594.8100	2375.2109	2374.2665	0.9444	1	13	1.9e+002	1	AMLEDIAILTKGQTISEDGLIK + Oxidation (M)
✓	1255	799.7900	3195.1309	3195.6122	-0.4813	1	13	1e+002	1	NGLEALVRDVLALLPEAPPMFGEDEITDR + Oxidation (M)
✓	173	376.8800	751.7454	750.3694	1.3760	0	13	1.5e+002	1	TTITCR
✓	472	605.3400	1208.6654	1207.6686	0.9968	2	13	2.3e+002	1	YHAQKRHLR
✓	424	572.5700	1143.1254	1142.6407	0.4847	1	13	2.1e+002	1	LGEGELTRLR
✓	765	887.9900	2660.9482	2661.1759	-0.2277	1	13	4.7e+002	1	DAGLNSEDCISDDMPVSNARKPR
✓	619	745.4000	1488.7854	1488.8221	-0.0367	2	13	2.5e+002	1	LLED SGKVKELMK
✓	876	628.2800	1881.8182	1881.9697	-0.1515	1	13	2e+002	1	LFSVPISDDGAHEIARR
✓	835	923.4200	1844.8254	1843.9536	0.8719	2	13	2.2e+002	1	EGMQKNPKLEPIMK + 2 Oxidation (M)
✓	1190	851.0600	2550.1582	2548.3550	1.8031	1	13	1.7e+002	1	KIILYRPTGNPNQQTWTTTHPA
✓	878	628.6200	1882.8382	1883.0047	-0.1665	2	13	2.1e+002	1	HASVMKTLDRADAALR + Oxidation (M)
✓	338	510.6400	1019.2654	1019.4771	-0.2116	1	13	2.4e+002	1	EEGVKDESK

✓	385	553.1800	1656.5182	1654.8058	1.7123	0	13	5.7e+002	1	FSNSQVMIEAIMASK
✓	621	498.7700	1493.2882	1492.7092	0.5789	0	13	1.8e+002	1	AAMAYNNQEVVQR
✓	797	606.5600	1816.6582	1815.9263	0.7319	2	13	1.8e+002	1	FENKGFIEIVAMKMIK + 2 Oxidation (M)
✓	197	394.4300	786.8454	786.4348	0.4107	0	13	2.8e+002	1	ANIAVSGR
✓	736	570.1700	1707.4882	1706.8886	0.5995	2	13	1.8e+002	1	MGRLFGTGVIRGIANK + Oxidation (M)
✓	910	640.4000	1918.1782	1918.9537	-0.7755	2	13	2e+002	1	AKEAHTGAYEYPPVAEK
✓	556	668.1600	2668.6109	2666.5371	2.0738	2	13	5.1e+002	1	LLDIDGILVPGGFGGERATKGTIIAIK
✓	386	553.3900	1104.7654	1102.5917	2.1738	2	13	2.7e+002	1	ADVMKLRDR
✓	1034	526.8700	2103.4509	2103.0895	0.3614	2	13	1.6e+002	1	NPNASEPKHLLVMKGAPEP + Oxidation (M)
✓	1002	671.2700	2010.7882	2011.9814	-1.1933	0	13	1.8e+002	1	MIVMACNTATATMLEIVK + Oxidation (M)
✓	174	376.9000	751.7854	750.3872	1.3983	0	13	1.7e+002	1	TTISSSR
✓	352	526.4200	1576.2382	1576.7627	-0.5246	1	13	5.5e+002	1	SRANASSGIGVAAECK
✓	595	522.6200	1443.2254	1442.8358	0.3897	1	13	2e+002	1	LNLVQRNVNVFK
✓	729	425.0200	1696.0509	1696.9586	-0.9077	2	13	2.2e+002	1	KKIGLLVMAYGTPYK + Oxidation (M)
✓	648	768.6200	1535.2254	1533.7675	1.4580	1	13	1.9e+002	1	ASQKLDLPSDLGYQ
✓	422	572.5400	1143.0654	1142.5251	0.5404	1	13	2.2e+002	1	NEGPRGGPGMR + Oxidation (M)
✓	1038	704.9500	2111.8282	2112.0568	-0.2286	2	13	1.8e+002	1	RNMIANLMDNYRTLISIR + 2 Oxidation (M)
✓	181	381.7900	761.5654	762.3694	-0.8040	0	13	3.6e+002	1	ITGNCAK
✓	536	651.2200	1300.4254	1300.5978	-0.1723	1	13	5.4e+002	1	MSGAKSAMPMFK + Oxidation (M)
✓	1246	761.8100	3043.2109	3042.5419	0.6690	2	13	1.2e+002	1	AKGCKYTLHDHLDGVLPLNDILYMTR
✓	650	769.5500	3074.1709	3074.5277	-0.3568	1	13	4.7e+002	1	ELCGGTHVSNSSGQIGMFKIISEAGVAAIR + Oxidation (M)
✓	800	909.8600	1817.7054	1817.9314	-0.2259	1	13	2.1e+002	1	VAAGAVARAMLPPEMIR + 2 Oxidation (M)
✓	1059	713.6400	2137.8982	2137.9846	-0.0864	1	13	2e+002	1	TMVVMNCSASVKLYVNDK + Oxidation (M)
✓	1145	776.6000	2326.7782	2327.2121	-0.4340	0	13	1.6e+002	1	VLSTEGTQAYLAAQGVQVEHVK
✓	855	621.9800	1862.9182	1862.8833	0.0349	1	13	2.4e+002	1	WSAQDAGVEDISKCGLK
✓	1017	1026.2400	3075.6982	3076.6644	-0.9662	0	13	4.1e+002	1	LPLALRPGMPIGALSFEPLSGPAARPYNR + Oxidation (M)
✓	1224	926.8000	2777.3782	2775.4926	1.8856	2	13	1.8e+002	1	LLRSLHIGVVRGNGGIGALSAGGEMR
✓	811	608.2000	1821.5782	1819.9064	1.6718	1	13	1.9e+002	1	ALSDYVQGANEAAGLREK
✓	1132	569.6700	2274.6509	2274.1591	0.4918	0	12	1.6e+002	1	VQESLISTLEETLIQEEGR
✓	316	494.8600	987.7054	986.5396	1.1658	0	12	3.3e+002	1	ASTTSKPAPK
✓	722	421.6600	1682.6109	1682.0025	0.6084	2	12	2e+002	1	MLILIIKRAQQPSR + Oxidation (M)
✓	1155	795.0700	2382.1882	2380.1329	2.0553	1	12	2.1e+002	1	ADHLIDTSEMSPHDLKAEISR + Oxidation (M)
✓	126	677.3000	676.2927	674.3235	1.9692	0	12	3.7e+002	1	AGLGDDK
✓	314	494.5200	987.0254	987.5349	-0.5094	1	12	7.2e+002	1	AVQNKTAEK
✓	889	633.2900	1896.8482	1897.0381	-0.1899	2	12	2.3e+002	1	RSITVQTHGESTLVNKK
✓	580	698.6500	2790.5709	2791.4288	-0.8579	2	12	5.9e+002	1	STLLMLVAAFAGKDFVMEAYREAVK + 2 Oxidation (M)
✓	373	544.0700	1086.1254	1085.5757	0.5497	1	12	2.4e+002	1	VDVFTYSKK
✓	303	483.4900	964.9654	964.4535	0.5119	0	12	2.1e+002	1	LDAGDMISK + Oxidation (M)
✓	1016	683.2600	2046.7582	2047.0235	-0.2653	2	12	1.9e+002	1	RNPDSVLGYLNYHRADK
✓	467	603.5600	1205.1054	1204.4926	0.6128	0	12	6.5e+002	1	MDNMLQFMK + 3 Oxidation (M)
✓	1071	719.9300	2156.7682	2156.1161	0.6521	1	12	1.8e+002	1	QGSTRSPMLIGGGTIFGPQPR
✓	1110	744.8300	2231.4682	2231.0683	0.3998	1	12	1.8e+002	1	RTSGTNLFMTVLCVVMACR + Oxidation (M)
✓	763	591.7500	1772.2282	1771.0455	1.1827	2	12	2e+002	1	KIVSSTGALSLEIPKK
✓	313	494.3700	986.7254	984.5967	2.1287	1	12	3.3e+002	1	ALNVLKAEK
✓	473	605.5900	1209.1654	1207.6383	1.5271	1	12	2e+002	1	ACAKVGIASFVK
✓	87	616.6000	615.5927	615.3592	0.2336	0	12	4.4e+002	1	LGAIDK
✓	233	424.4700	846.9254	847.4473	-0.5219	0	12	2.8e+002	1	AAVEIAMK + Oxidation (M)
✓	543	655.6900	1309.3654	1307.7085	1.6569	1	12	6e+002	1	GPVASIFSSSTKK
✓	764	591.9400	1772.7982	1772.6627	0.1355	0	12	2.6e+002	1	DAAPAMPGGGGMGMGMGF + 3 Oxidation (M)
✓	1157	597.6100	2386.4109	2385.1825	1.2284	2	12	1.9e+002	1	RDGRALEELGFYDPIHNEVR
✓	559	670.1700	1338.3254	1338.8711	-0.5456	2	12	2.1e+002	1	VVAINRITKVVK
✓	257	449.1000	896.1854	895.4222	0.7633	0	12	1.8e+002	1	MATGPTYR
✓	1180	836.8700	2507.5882	2506.2221	1.3661	1	12	1.7e+002	1	TNEEAGDGTTTATVLAQAIAKEGMK
✓	607	732.0700	2924.2509	2925.4113	-1.1604	1	12	6.1e+002	1	HEFDQDGAMRLAIEVQVAEMPSPR + Oxidation (M)
✓	365	538.6500	1075.2854	1073.5692	1.7163	0	12	2.6e+002	1	FQPMPIAR + Oxidation (M)
✓	599	724.7100	1447.4054	1445.7006	1.7048	0	12	2.2e+002	1	MMLTAKPNPNDSK
✓	1014	1019.8000	3056.3782	3056.5468	-0.1686	2	12	4.4e+002	1	GFVHKYGDNDVTDVIIPARYLNTANHK
✓	430	582.3900	1162.7654	1163.6299	-0.8644	0	12	3.1e+002	1	YNLTAVENTIR
✓	606	729.7300	2186.1682	2185.9983	0.1698	2	12	6.1e+002	1	EGGDMFNAMKEAIKEETVR + 2 Oxidation (M)
✓	755	586.3700	1756.0882	1755.9268	0.1614	2	12	2.4e+002	1	KWTRIIDHSASDLK
✓	714	833.3500	3329.3709	3327.7615	1.6094	2	12	5.6e+002	1	LRFDPSHFETAKPEQIKALEDIVNAEIR
✓	728	848.4300	2542.2682	2542.1289	0.1393	1	12	6.4e+002	1	MIGQDPEGDEATGGAGLGMAHSRR + Oxidation (M)
✓	1250	622.7500	3108.7136	3108.4804	0.2332	1	12	1.6e+002	1	MALRSPQYIFGDFSPDEFNQFFVTPR
✓	840	924.4000	2770.1782	2768.4504	1.7278	2	12	5.3e+002	1	ISKLAAGHMDLHRSRHSIDLPLQAR + Oxidation (M)
✓	851	621.3100	1860.9082	1860.8281	0.0801	1	12	2.7e+002	1	HRMVDDTPSGGGAGVMK + Oxidation (M)
✓	667	787.6800	2360.0182	2361.0374	-1.0192	1	12	5.9e+002	1	FNRIMPCNFSPDIMTSMER + Oxidation (M)
✓	1122	750.6700	2248.9882	2247.9228	1.0654	1	12	2.2e+002	1	AADMTGADMDAMRSIBGTAR + 3 Oxidation (M)
✓	1261	680.2800	3396.3636	3394.7594	1.6043	2	12	1.2e+002	1	VQLSAPVTRQSWLTGDTTGTAGRLEGLDGGFR
✓	741	858.8800	2573.6182	2573.2860	0.3321	2	12	5.7e+002	1	EELADSVHLDDATAKRYEGLEK
✓	1238	741.5100	2962.0109	2960.5124	1.4985	2	12	1.4e+002	1	KGVKVSMTDGAASNNNLLLEEISIAK + Oxidation (M)
✓	1064	537.6900	2146.7309	2146.9866	-0.2557	0	12	1.9e+002	1	SSPLTESGGPLSLSEENNDK
✓	213	408.3900	814.7654	815.4137	-0.6482	0	12	7.7e+002	1	AENALNGK
✓	128	679.5100	678.5027	679.3653	-0.8626	0	12	3.2e+002	1	FSTVAR
✓	920	642.6300	1924.8682	1924.9942	-0.1260	1	12	2.5e+002	1	VDHVKPGKGGAFAQVEMR
✓	928	645.2600	1932.7582	1931.9155	0.8427	2	12	2.2e+002	1	DMGKAVEIMSMFLKER + 3 Oxidation (M)
✓	306	486.4700	970.9254	970.4872	0.4382	0	12	2.6e+002	1	SPLFQDHK
✓	770	595.1700	1782.4882	1780.8930	1.5952	1	12	2.1e+002	1	GDMLYISSLNPFPRR + Oxidation (M)
✓	469	603.7000	1205.3854	1203.6068	1.7786	2	12	2.6e+002	1	RSASNSRSPSR
✓	1177	830.1300	2487.3682	2486.3315	1.0367	2	12	2.1e+002	1	GAVRIADVNEWLIDTRTAIK + Oxidation (M)
✓	1210	663.4500	2649.7709	2649.4589	0.3120	1	12	1.6e+002	1	VVELILEVNPKEKVLDTATGTGDVAR
✓	299	479.6300	957.2454	956.4386	0.8069	0	12	2.7e+002	1	MSSFNLRS + Oxidation (M)

✓	950	488.5200	1950.0509	1948.9061	1.1448	1	12	2.6e+002	1	ASSSSSGEFVPMTPHTRR + Oxidation (M)
✓	659	517.8600	1550.5582	1549.7657	0.7924	2	12	2.4e+002	1	DALAKTKEGMDLDK + Oxidation (M)
✓	767	593.4900	1777.4482	1775.9062	1.5419	0	12	2.1e+002	1	NICQLPGLCLSNFLK
✓	130	682.3000	681.2927	681.3670	-0.0743	1	12	2.3e+002	1	GHGGAKR
✓	264	452.9200	1807.6509	1806.9345	0.7164	2	12	8.4e+002	1	RTYVGAMPGRVVIQGM + Oxidation (M)
✓	1106	739.5900	2215.7482	2214.2062	1.5420	2	12	1.9e+002	1	SPQWIKGGIVFAPKPRDYR
✓	684	815.4000	2443.1782	2442.3880	0.7902	2	12	7e+002	1	TTSMKILIGLLSPSEQVKVLGR + Oxidation (M)
✓	1120	750.3200	2247.9382	2247.1569	0.7813	1	12	2.2e+002	1	MTVGPEEANRGVVAALTEFLK + Oxidation (M)
✓	282	465.3700	928.7254	929.5229	-0.7975	1	12	3.3e+002	1	LRGGVLGR
✓	421	572.5100	1714.5082	1712.9019	1.6063	1	12	7.1e+002	1	EGVVLKDPDMAVSPIK + Oxidation (M)
✓	168	742.8700	741.8627	742.4589	-0.5962	0	12	2.2e+002	1	VDGLVIK
✓	481	613.3300	1836.9682	1837.9897	-1.0216	1	12	8.1e+002	1	RINENVAPTLDELQK
✓	564	449.3200	1344.9382	1345.7314	-0.7932	1	12	2.9e+002	1	IKVIGNTGSNSTR
✓	657	515.9500	1544.8282	1543.8466	0.9816	0	12	3.2e+002	1	IPTIIMVGLQGAGK + Oxidation (M)
✓	1007	674.6400	2020.8982	2019.9724	0.9257	0	12	2.5e+002	1	MVPFTIVNGGNGDAWEAK + Oxidation (M)
✓	647	766.5500	2296.6282	2295.1140	1.5142	1	12	5.8e+002	1	AHSSMVGFLEQRAAGFLMAK + Oxidation (M)
✓	1085	731.8400	2192.4982	2192.0172	0.4810	1	12	1.9e+002	1	MTEVVMFRGSMVAMVTPMK + 3 Oxidation (M)
✓	279	462.3300	922.6454	921.4014	1.2440	0	12	2.9e+002	1	ENPMYPR + Oxidation (M)
✓	514	633.6500	2530.5709	2530.3795	0.1914	1	12	6.9e+002	1	IALLFSGGLDSALIFHTLKESGNK
✓	690	545.0600	1632.1582	1632.8835	-0.7253	2	12	2.4e+002	1	KKYINVAIDGPSGSGK
✓	1223	695.2000	2776.7709	2776.4092	0.3617	2	12	1.6e+002	1	IPPSRFNVGGVYHPNGQVRGSMHVR + Oxidation (M)
✓	609	732.8900	1463.7654	1464.6225	-0.8570	0	12	3.1e+002	1	SCSCSAPEELTPK
✓	715	835.6800	2504.0182	2502.1202	1.8979	2	12	5.8e+002	1	IDTMVGGVRVKGLCGNYNGDMR + 2 Oxidation (M)
✓	789	601.6600	1801.9582	1800.8795	1.0787	2	12	2.9e+002	1	YDLDFKNPHDPDAKNK
✓	238	428.5700	855.1254	855.5178	-0.3923	1	12	2.1e+002	1	KGNIPVTK
✓	463	601.6400	1801.8982	1799.9386	1.9596	1	12	7.6e+002	1	TTLAHIIAKEMGVNMR + Oxidation (M)
✓	691	545.0800	1632.2182	1631.8995	0.3187	1	12	2.4e+002	1	LIRSTYALAGLDPSR
✓	247	435.8800	869.7454	868.5382	1.2072	0	12	2.5e+002	1	ISIVGVGPK
✓	408	564.1800	2252.6909	2253.1914	-0.5005	2	12	6.7e+002	1	IKYMFPRAHAAAYVLMALR + 2 Oxidation (M)
✓	738	572.0600	1713.1582	1712.8477	0.3104	0	12	2.4e+002	1	STIGGQIMFLTGMVDK + Oxidation (M)
✓	1055	713.2400	2136.6982	2135.0238	1.6744	1	12	2e+002	1	DVIGALSPNASQEETKAMMK + Oxidation (M)
✓	302	482.4900	962.9654	961.4539	1.5116	0	12	2.8e+002	1	DIDSMIPR + Oxidation (M)
✓	841	616.6900	1847.0482	1844.9969	2.0513	2	12	2.9e+002	1	GERRGPAGPLGDGPALGLR
✓	420	572.4600	1142.9054	1143.5812	-0.6757	0	12	2.8e+002	1	VYQYLTETK
✓	1148	472.4200	2357.0636	2357.9077	-0.8441	0	12	2.4e+002	1	DMQEEDEDEADVFAQNTNK + Oxidation (M)
✓	376	544.0900	1086.1654	1084.5335	1.6319	1	12	2.8e+002	1	EMHKQGIDK
✓	426	576.5000	1150.9854	1150.6168	0.3686	1	12	2.4e+002	1	LARLADMFAK + Oxidation (M)
✓	894	635.9100	1904.7082	1904.9197	-0.2115	2	12	2.3e+002	1	IVMMRDGRIEQDGTTPR + 2 Oxidation (M)
✓	971	991.3300	2970.9682	2970.5154	0.4528	1	12	4.6e+002	1	VTAAAAAATMALAAPSSPTPESTMLTK + Oxidation (M)
✓	666	787.6300	1573.2454	1573.7446	-0.4991	1	12	2.4e+002	1	EIYLQEMEGYKR + Oxidation (M)
✓	1186	635.6400	2538.5309	2537.1092	1.4217	0	12	2e+002	1	ATADYMGMLATMNMNALAQDAMR + 3 Oxidation (M)
✓	248	435.8900	869.7654	869.5446	0.2208	2	12	2.5e+002	1	LSPRAKAK
✓	860	625.2300	1872.6682	1873.0394	-0.3713	2	12	2.3e+002	1	QLQALPRNSSPTRIHR
✓	1185	845.1900	2532.5482	2533.1465	-0.5983	0	12	1.9e+002	1	TVELMMSSYSGGGGGGFPAIAAAK + 2 Oxidation (M)
✓	1200	649.5500	2594.1709	2593.2489	0.9220	1	12	2.2e+002	1	NHHATGVRCMVAADATAETKPAK + Oxidation (M)
✓	532	432.0800	1293.2182	1293.5871	-0.3689	0	12	2.4e+002	1	EISGGAEMTIDR + Oxidation (M)
✓	1254	638.7100	3188.5136	3187.5161	0.9976	2	12	1.8e+002	1	LGREMDLFHFQEEGPGMIFWHPKGWK + Oxidation (M)
✓	1149	789.3800	2365.1182	2366.2127	-1.0945	1	12	2.5e+002	1	KLSIGGGMWGGAMLFNEIVVQK + 2 Oxidation (M)
✓	1168	612.9700	2447.8509	2446.2955	1.5554	2	12	1.9e+002	1	QSSQKLDLDFLPSALIDATEKLG
✓	815	608.9600	1823.8582	1822.8784	0.9797	2	12	3e+002	1	FHGDSRKVIFPMGER + Oxidation (M)
✓	497	623.3800	1244.7454	1244.7452	0.0002	1	12	3.7e+002	1	SVALRLTSSAIK
✓	1105	554.8600	2215.4109	2215.1129	0.2980	1	12	2.2e+002	1	QTLDHMPMADGLKPLKNFK + 2 Oxidation (M)
✓	1256	650.6400	3248.1636	3247.7672	0.3964	2	12	1.4e+002	1	LLIGSGKYSTNKLIPALDASGSQVITAMR
✓	263	450.7500	899.4854	900.5141	-1.0286	2	12	3.9e+002	1	GEAVNRKK
✓	640	761.5800	2281.7182	2282.2126	-0.4944	2	12	6.2e+002	1	EIDPATMIPPLEATKMVRSR + Oxidation (M)
✓	1136	764.6700	2290.9882	2291.2997	-0.3115	0	12	2.4e+002	1	ILSMILVIAAIVQFIETVMR + 2 Oxidation (M)
✓	1146	779.3200	2334.9382	2334.1137	0.8245	2	12	2.2e+002	1	GAKKSFVLADMPFMSYQGS DR
✓	402	561.9600	1121.9054	1120.4825	1.4229	0	12	2.6e+002	1	DEFGQNDPK
✓	593	480.4900	1438.4482	1437.7472	0.7009	1	12	2.5e+002	1	FMEVMGVNIVKR + Oxidation (M)
✓	1178	498.8200	2489.0636	2489.3716	-0.3080	0	12	2.2e+002	1	TQFLIVVATVLVLMELTAYSVHR
✓	1211	666.0700	2660.2509	2660.4398	-0.1889	2	12	2.3e+002	1	HEAAEALGALGAESLGLVQKYLHR
✓	1204	652.0800	2604.2909	2605.3204	-1.0295	2	11	2.4e+002	1	DPGRSKLTNMVNSCTLLTIGVADK + Oxidation (M)
✓	459	599.3200	1196.6254	1197.4920	-0.8666	0	11	3.4e+002	1	MSWGQHCR
✓	747	864.4000	1726.7854	1725.9488	0.8367	0	11	3.1e+002	1	IVICEFSTPPVPLVR
✓	1053	712.9200	2135.7382	2136.0222	-0.2841	0	11	2.2e+002	1	QPLEQSQTISPLSSYEDSK
✓	939	973.3900	2917.1482	2917.5154	-0.3672	2	11	5.4e+002	1	TTLITDNMAGWVMKQKGINAVIVGADR + Oxidation (M)
✓	1115	745.3600	2233.0582	2232.0667	0.9915	2	11	2.8e+002	1	FNPIYMMADSGARGSKSQIK + 2 Oxidation (M)
✓	443	589.7700	1177.5254	1177.5260	-0.0005	0	11	3.8e+002	1	GDFHLAMMEK
✓	1087	733.0700	2196.1882	2196.1572	0.0310	2	11	2.8e+002	1	VKEKADALQGALQEAHMTLK + Oxidation (M)
✓	1232	732.6600	2926.6109	2927.4344	-0.8235	1	11	2.1e+002	1	NNFTSAAGCRMEEGVLPLMLVITGGK + Oxidation (M)
✓	817	610.7400	1829.1982	1829.9570	-0.7588	1	11	2.6e+002	1	ISSMVRERPDWVISR
✓	957	984.4000	1966.7854	1967.0370	-0.2516	2	11	2.5e+002	1	AEARQLVSHKSMVENR
✓	1084	1096.9000	2191.7854	2192.0831	-0.2976	1	11	5e+002	1	MGRNAVAVGTGSGVLTMDWR + Oxidation (M)
✓	363	535.7200	1069.4254	1067.6352	1.7902	2	11	3.3e+002	1	KHRPQKFK
✓	423	572.5500	1143.0854	1141.6316	1.4539	2	11	3e+002	1	DLQERGLR
✓	272	457.3000	1825.1709	1825.9832	-0.8123	1	11	9.4e+002	1	RNSAIPMLDLLNINAR + Oxidation (M)
✓	652	770.8000	1539.5854	1538.7213	0.8642	1	11	2.9e+002	1	SEEDRNVFTSIDK
✓	1240	745.0100	2976.0109	2976.3052	-0.2943	1	11	1.6e+002	1	ATCTTHGKAYDVMVDANLFMGGDVTR + 2 Oxidation (M)
✓	359	530.2700	1058.5254	1056.4811	2.0444	0	11	4.3e+002	1	WGVVEMHNK
✓	1154	793.3000	2376.8782	2375.2083	1.6699	0	11	2.1e+002	1	TGDVIEFVMVPQWYLSVDSLK
✓	771	595.2200	1782.6382	1781.9272	0.7110	1	11	2.6e+002	1	LSQDKGSNDPLKPR

✓	905	639.5800	1915.7182	1916.0917	-0.3735	1	11	2.5e+002	1	GLGGALGTGIKCALLYKPK
✓	1004	674.3800	2020.1182	2019.0749	1.0432	1	11	3e+002	1	VRDTYLDTQVVVGQTGVIR
✓	542	654.7000	1307.3854	1305.6347	1.7508	1	11	2.7e+002	1	LDNLRMTMNDK + Oxidation (M)
✓	1163	808.0000	2420.9782	2421.2863	-0.3081	1	11	2.3e+002	1	KSNGLSLQNTVILDEAHNVEK
✓	605	729.6500	1457.2854	1457.7549	-0.4694	0	11	2.8e+002	1	TGVVTPATVMDPVR + Oxidation (M)
✓	1116	559.9800	2235.8909	2235.9525	-0.0616	1	11	2.4e+002	1	KSTPPSGQQGQQGQPGGGMPEY + 2 Oxidation (M)
✓	761	590.3000	1767.8782	1768.8712	-0.9931	0	11	3.3e+002	1	SPVHSLMATRPSSPMR + Oxidation (M)
✓	1019	685.0200	2052.0382	2053.0455	-1.0073	1	11	3e+002	1	RYDFFLAQPDLMPLVGR + Oxidation (M)
✓	704	829.2300	2484.6682	2484.1856	0.4826	1	11	6.3e+002	1	RHFGATSLNEMVGFGLTEAER + Oxidation (M)
✓	954	655.2700	1962.7882	1961.0106	1.7776	0	11	2.7e+002	1	SIASLGIYPAVDPLDSTSR
✓	591	478.7500	1433.2282	1433.7660	-0.5378	2	11	2.9e+002	1	MSESELKLVARR + Oxidation (M)
✓	899	477.8100	1907.2109	1905.8740	1.3369	1	11	2.7e+002	1	IVMDDEMETKFYEIK + Oxidation (M)
✓	1192	639.2000	2552.7709	2553.3771	-0.6062	2	11	2e+002	1	NIPPSDMIQIKAKVAMGALQGLR + 2 Oxidation (M)
✓	288	469.2900	936.5654	935.4633	1.1021	0	11	3.7e+002	1	MSELSELK
✓	340	512.5900	1023.1654	1021.4863	1.6792	0	11	2.7e+002	1	TGSCSKPGTK
✓	845	926.4100	2776.2082	2776.3814	-0.1732	1	11	6.7e+002	1	ADVAMAADADVLHLGQDDLPEVLARR + Oxidation (M)
✓	1179	835.3200	2502.9382	2530.2495	-0.3114	2	11	2.1e+002	1	LSHYSKRTVDIEYAFNFANTK
✓	410	564.7600	1127.5054	1125.6618	1.8436	2	11	4e+002	1	VIAGPERKTR
✓	726	564.3400	1689.9982	1689.9202	0.0779	1	11	3.4e+002	1	VNKIFGPGNQFVTAAK
✓	751	583.7000	1748.0782	1747.8199	0.2583	1	11	3.2e+002	1	EPASFLQGRMAGEPDK + Oxidation (M)
✓	819	611.8400	1832.4982	1830.8231	1.6751	1	11	2.6e+002	1	EEEEQQQQRELEEK
✓	294	476.9000	951.7854	952.5454	-0.7599	1	11	2.6e+002	1	AHQASIKAK
✓	1060	715.4800	2143.4182	2142.0957	1.3225	1	11	2.4e+002	1	VVINEGIEVAKVFGSDDSHK
✓	821	918.4100	2752.2082	2751.2639	0.9443	1	11	7e+002	1	YAQMGYWDGDYQPKDITDVLALFR
✓	1201	649.6000	2594.3709	2592.3469	2.0240	2	11	2.6e+002	1	KPSVAPKGMFLSLDTSQEDTVK
✓	685	544.0900	1629.2482	1629.9124	-0.6642	1	11	2.8e+002	1	MPILKQLVSSSVNSK
✓	1010	676.2600	2025.7582	2024.0650	1.6931	2	11	2.6e+002	1	LETAATNSTPQELPGRARL
✓	429	580.9200	1159.8254	1157.6227	2.2028	2	11	3.9e+002	1	LPRTKLDMQG
✓	1065	1076.9900	3227.9482	3228.4541	-0.5059	0	11	5.8e+002	1	DWMNNPEETFYIVGSGVIMHPYPMVVR + Oxidation (M)
✓	769	595.0500	1782.1282	1779.9706	2.1576	0	11	3e+002	1	GDIGLTFVPHLVPIMIR + Oxidation (M)
✓	934	486.1400	1940.5309	1938.8903	1.6406	2	11	2.5e+002	1	CWKFLAKEDGCLCPR
✓	262	449.6600	897.3054	896.5080	0.7975	1	11	2.9e+002	1	TSHILAAKG
✓	758	883.1200	2646.3382	2645.3490	0.9892	1	11	6.9e+002	1	VLVASATLDTARSTFFDDAPVFR
✓	849	620.7800	1859.3182	1859.9849	-0.6667	0	11	2.7e+002	1	VTNIPMAQLATQMLILGK + 2 Oxidation (M)
✓	489	619.7800	1237.5454	1237.6085	-0.0630	2	11	3.6e+002	1	KGNNSTKGMGTK + Oxidation (M)
✓	885	948.4000	2842.1782	2843.3544	-1.1762	0	11	6.5e+002	1	LVEMAWSSLMNDEIGTLGLYGMGGVGK + Oxidation (M)
✓	917	481.4900	1921.9309	1920.9945	0.9364	2	11	3.3e+002	1	VNKKDASNPFTVTFEPK
✓	1044	711.9500	2132.8282	2132.0606	0.7676	1	11	2.6e+002	1	LPLGMEGTGLSDLKLAGCER + Oxidation (M)
✓	182	763.9500	762.9427	762.4024	0.5403	1	11	3.6e+002	1	SGASWKK
✓	1276	616.3400	3691.9963	3689.8961	2.1003	2	11	1.6e+002	1	SGYDVITASDGEEALKKAETEKPDILVLDVMLPK + Oxidation (M)
✓	409	564.7300	1127.4454	1127.5400	-0.0945	0	11	3.9e+002	1	QDYTIWFR
✓	689	545.0000	1631.9782	1632.9100	-0.9318	2	11	3.6e+002	1	GFLFARN SRLIPDK
✓	565	449.6400	1345.8982	1346.8762	-0.9780	2	11	3.8e+002	1	NKLIKLLPVPGR
✓	1203	651.9300	2603.6909	2604.2755	-0.5846	1	11	2.1e+002	1	EVFPDFLIGADGAHSTTRQQIMR + Oxidation (M)
✓	1257	673.2700	3361.3136	3361.7102	-0.3965	2	11	1.6e+002	1	NCVSNIHAGLSNDEAAFKIAWLLREGLAR
✓	186	385.0500	768.0854	766.3531	1.7324	0	11	2.1e+002	1	MASDLSK + Oxidation (M)
✓	848	620.6500	1858.9282	1858.7256	0.2026	1	11	3.6e+002	1	RDGGGYYGGGDDGGYGGGSGGGGW
✓	364	537.4000	2145.5709	2146.0767	-0.5058	2	11	9.6e+002	1	VEIRDAGDSRFLAGEQVER
✓	602	486.0500	1455.1282	1455.7292	-0.6011	1	11	3e+002	1	EARQYMIGLGYR
✓	790	902.5500	2704.6282	2704.3286	0.2996	1	11	7.1e+002	1	IGRVTSVDLNNWYIDTYHGASYFK
✓	531	432.0400	1293.0982	1291.6520	1.4461	1	11	3e+002	1	NLTDEQKAAFR
✓	1227	570.1900	2845.9136	2845.4756	0.4380	2	11	2e+002	1	VEGAFTPLDRIGQLTMRNLDIVDTR + Oxidation (M)
✓	1006	1011.3900	2020.7654	2020.9823	-0.2168	1	11	5.7e+002	1	VMSGGLPAAAFGGRAEVVMR + Oxidation (M)
✓	1078	725.2200	2172.6382	2173.0433	-0.4051	1	11	2.5e+002	1	QQPCSPAAKAAATEAAAAASSSK
✓	893	634.5800	1900.7182	1901.1098	-0.3916	2	11	2.9e+002	1	ISLKGFGAALDRIQALTK
✓	178	758.0700	757.0627	756.4494	0.6134	1	11	3.6e+002	1	NLPTKGK
✓	185	768.5700	767.5627	766.4701	1.0926	0	11	2.8e+002	1	ATPILPR
✓	344	515.2500	1028.4854	1029.4549	-0.9695	0	11	4.7e+002	1	NLPMPPGDR + Oxidation (M)
✓	161	366.3500	1461.3709	1459.7565	1.6144	2	11	1.1e+003	1	RLEEVTRRELCR
✓	371	541.5300	1081.0454	1081.5815	-0.5360	1	11	2.8e+002	1	VCVAKAHAR
✓	701	827.0300	1652.0454	1650.9165	1.1289	0	11	7.8e+002	1	ASVRPLNGLPASGGLSR
✓	808	607.8300	1820.4682	1820.8437	-0.3755	1	11	2.8e+002	1	DMMEPPKFTQPLTDR + Oxidation (M)
✓	1202	868.3300	2601.9682	2602.2479	-0.2797	2	11	2.2e+002	1	DHLELGEALGLMDMERGAKVSGSR + 2 Oxidation (M)
✓	919	962.9300	2885.7682	2886.5095	-0.7414	1	11	6.9e+002	1	VAMSLSLLAGMVNYSKSHPAADIKPVR + 2 Oxidation (M)
✓	341	512.6100	1023.2054	1023.4906	-0.2852	1	11	3e+002	1	GELMKDSTK + Oxidation (M)
✓	703	828.4100	3309.6109	3308.6922	0.9187	2	11	9.2e+002	1	LNKHINIDIVLMVKS GIDEQSNEELTK
✓	464	601.6600	1201.3054	1199.6887	1.6167	2	11	3.6e+002	1	ALERFPGVRR
✓	202	394.4800	786.9454	787.4300	-0.4846	1	11	4.7e+002	1	SPVSSRR
✓	568	676.7800	2703.0909	2702.3810	0.7099	1	11	9e+002	1	STRIYGVNVPVGDGAPIAVQSMNTNR
✓	700	826.0200	1650.0254	1647.9746	2.0509	1	11	8.1e+002	1	ITKFMVTQILVALR + Oxidation (M)
✓	505	630.1800	1258.3454	1258.6881	-0.3427	0	11	3.6e+002	1	ILEIGAGTGATTR
✓	611	492.9500	1475.8282	1473.8079	2.0203	0	11	4.3e+002	1	IVLEGKPEEVFSK
✓	846	926.4300	2776.2682	2774.2389	2.0293	1	11	8.1e+002	1	GVALGVGYGLTVSCYQADDDGRACGR
✓	510	633.2400	1264.4654	1264.6160	-0.1506	0	11	3.8e+002	1	DPGFTLANSTHR
✓	772	893.4000	1784.7854	1785.7927	-1.0072	0	11	8.1e+002	1	QQFFEQNGGGMQMR + Oxidation (M)
✓	998	670.5900	2008.7482	2009.0728	-0.3246	0	11	2.8e+002	1	IISGISHGEICQVLNTR
✓	252	440.1800	878.3454	877.4215	0.9239	0	11	4.7e+002	1	ITAMDP SK + Oxidation (M)
✓	617	742.7600	1483.5054	1483.8762	-0.3707	2	11	3.2e+002	1	KLWIAEEKLNK
✓	678	802.1400	2403.3982	2402.2740	1.1242	2	11	8.5e+002	1	MTRDPIATARTLSEALPYLQR
✓	1072	719.9300	2156.7682	2157.1793	-0.4112	2	11	2.7e+002	1	DVQGLPNVDKIYSELARK
✓	232	422.0600	842.1054	840.3986	1.7068	1	11	3.5e+002	1	MFCKQK

✓	587	711.9500	1421.8854	1422.7727	-0.8872	1	11	9e+002	1	YMKMITPAALLR + Oxidation (M)
✓	638	507.8900	1520.6482	1520.7729	-0.1247	2	11	4e+002	1	TVTARAAESRMGSGK
✓	1118	560.7400	2238.9309	2236.9843	1.9466	0	11	2.9e+002	1	WEYSGVCMIFCAEISLEK + Oxidation (M)
✓	466	602.5500	1203.0854	1203.6459	-0.5605	2	11	3.6e+002	1	VKIKDNSDGTK
✓	859	624.3100	1869.9082	1869.9407	-0.0325	2	11	3.8e+002	1	AKGAMALFGEKYADQVR + Oxidation (M)
✓	1219	911.3200	2730.9382	2731.3976	-0.4595	2	11	2.2e+002	1	SAIAARSDIGPIHNGRGYMLVFQSR + Oxidation (M)
✓	140	350.8300	699.6454	699.4504	0.1951	2	11	4e+002	1	AAVKRR
✓	267	453.5300	905.0454	905.3661	-0.3207	0	11	4e+002	1	GNPCESSR
✓	831	920.9000	1839.7854	1839.8500	-0.0645	2	11	3.5e+002	1	RDDSEDAAKHPGWSAK
✓	333	506.7100	2022.8109	2020.9848	1.8261	1	11	1e+003	1	AASGTTDEVTLRLQCGSK
✓	1045	712.5300	2134.5682	2134.1786	0.3896	1	11	2.7e+002	1	LLRLPSSFYLANPAGTISSK
✓	1041	709.6600	2125.9582	2126.9579	-0.9997	1	10	3.4e+002	1	YVVDIEDYPNGGLEMGKEGR
✓	590	713.7000	2138.0782	2137.1163	0.9619	1	10	8.9e+002	1	DLLPLIEGCTVSTKFGMLK + Oxidation (M)
✓	400	561.3200	1120.6254	1120.5659	0.0596	2	10	4.8e+002	1	SARAKSQDMK
✓	555	667.2900	1332.5654	1331.7561	0.8093	1	10	4.5e+002	1	IKIGVVGGSNFNK
✓	98	635.1800	634.1727	632.3493	1.8234	1	10	5.3e+002	1	AKATDK
✓	1082	728.1500	2181.4282	2181.0962	0.3320	0	10	2.7e+002	1	MLTSLWNQALMVTAPSQK + Oxidation (M)
✓	331	505.6600	1009.3054	1008.5280	0.7774	0	10	3.4e+002	1	DLINYFPK
✓	382	551.6100	2202.4109	2203.1379	-0.7270	2	10	1.1e+003	1	QVSGSLTIGGKVSACVDVDRR
✓	253	440.1900	878.3654	877.4181	0.9473	0	10	5e+002	1	LPFAQESS
✓	412	564.7900	1127.5654	1127.5281	0.0373	1	10	4.8e+002	1	FLSTDMDKDR + Oxidation (M)
✓	502	418.1600	1251.4582	1249.6271	1.8311	2	10	3.8e+002	1	DVKGNRMVGMK + Oxidation (M)
✓	1070	719.9300	2156.7682	2156.1888	0.5794	2	10	2.9e+002	1	QSIARARTMALYNPIPVK
✓	214	817.6000	816.5927	817.4116	-0.8189	0	10	6.4e+002	1	AVASMPSR
✓	1216	454.5800	2721.4363	2720.2686	1.1677	2	10	3e+002	1	YDRITQCMIESFPEIFQRSE + Oxidation (M)
✓	549	659.3600	1975.0582	1975.9786	-0.9204	1	10	1.2e+003	1	FSSDAVPLSSPRGMASPV + Oxidation (M)
✓	1165	609.7500	2434.9709	2433.1377	1.8332	2	10	2.7e+002	1	GGNMRGAVLMDVETGERLEPDR + 2 Oxidation (M)
✓	332	505.6600	1009.3054	1007.5400	1.7655	0	10	3.5e+002	1	SGLAALFSSR
✓	501	626.5800	1251.1454	1250.6046	0.5409	2	10	3.3e+002	1	MMATCTPRKR
✓	847	619.9800	1856.9182	1854.8022	2.1160	2	10	4.1e+002	1	RQMDMEKMEQEASAR + Oxidation (M)
✓	454	596.6500	1191.2854	1189.6819	1.6036	0	10	3.7e+002	1	HNLLVLQPEK
✓	436	584.8500	1167.6854	1165.6931	1.9923	1	10	4.3e+002	1	EGLLPGLLRVR
✓	698	547.1800	1638.5182	1636.9260	1.5922	1	10	3.3e+002	1	LLLKNGANFNQNTK
✓	1252	525.1600	3144.9163	3145.5558	-0.6395	2	10	2e+002	1	MYLGRVHCSFEVPGLLSGRVGHMSMAVR
✓	275	458.6400	915.2654	914.5338	0.7317	0	10	4.9e+002	1	AILGAAFP
✓	661	779.0200	2334.0382	2332.3042	1.7340	2	10	9.4e+002	1	IIVPSLGSVTEATIAKWYK
✓	874	626.6200	1876.8382	1875.7516	1.0866	0	10	4e+002	1	HCMGYEQTAESSFSAR + Oxidation (M)
✓	462	601.0900	1200.1654	1200.6397	-0.4742	1	10	3.9e+002	1	AGMLSNPLRAR + Oxidation (M)
✓	227	417.6700	833.3254	831.4338	1.8917	0	10	6e+002	1	SAEILDGK
✓	633	755.3700	2263.0882	2263.0449	0.0433	2	10	1.1e+003	1	TIRCFTDCGTMVNRHWPL
✓	927	387.3800	1931.8636	1932.9649	-1.1013	0	10	4.1e+002	1	MSLELTTPMTNSPLVQR + Oxidation (M)
✓	490	619.9100	1237.8054	1235.7026	2.1028	2	10	4.3e+002	1	IPQFKNSKFK
✓	193	775.1600	774.1527	772.4555	1.6972	1	10	5.2e+002	1	GRKPSTK
✓	270	454.3600	906.7054	906.3930	0.3124	0	10	4.4e+002	1	DELDSSNK
✓	601	726.2200	1450.4254	1448.7623	1.6631	0	10	3.6e+002	1	LTHQPQPSVVESK
✓	694	545.5400	1633.5982	1631.8783	1.7198	1	10	3.7e+002	1	FTLRYEALINQHK
✓	1229	573.7900	2863.9136	2862.4763	1.4373	1	10	2.3e+002	1	GTGKWTQSALDLGEPLSLITESVFAR
✓	1103	739.2600	2214.7582	2214.0692	0.6890	0	10	3e+002	1	AEISSYEASSLFPNTLETQK
✓	310	492.0800	982.1454	982.4026	-0.2571	1	10	3.1e+002	1	KSDGDSCK
✓	355	528.2800	1054.5454	1052.4709	2.0745	0	10	4.6e+002	1	YCEIANQR
✓	1199	865.6500	2593.9282	2592.1775	1.7507	1	10	2.5e+002	1	HNCEPTHVDVQEAANNWAASVSK
✓	692	545.3800	1633.1182	1632.8471	0.2710	0	10	3.6e+002	1	VRPYAVDVSGGVEASK
✓	269	453.8800	1358.6182	1359.6929	-1.0747	1	10	1.3e+003	1	MSALGPGLLTR + Oxidation (M)
✓	346	517.9900	1033.9654	1032.5386	1.4269	1	10	4.2e+002	1	NKQMEVLR + Oxidation (M)
✓	583	700.3800	1398.7454	1398.8195	-0.0740	0	10	5e+002	1	QATLVVSTQLALR
✓	807	910.8700	1819.7254	1817.9312	1.7943	1	10	3.8e+002	1	VQEIQQSEKTPFYPR
✓	329	502.7400	1003.4654	1004.5113	-1.0459	0	10	6e+002	1	QMDIPFVR
✓	1193	853.0100	2556.0082	2556.3370	-0.3288	2	10	2.8e+002	1	YPLDDLILRSAHGMRTIDVLK + Oxidation (M)
✓	733	568.6900	1703.0482	1703.8452	-0.7970	1	10	4.4e+002	1	SHPRAPGGVNSSAGAPR
✓	982	993.5800	3970.2909	3970.9896	-0.6987	2	10	8e+002	1	HMIPEHEGLVMDILKEPFFRNLDVMPHAQEVVK + Oxidation (M)
✓	839	616.3800	1846.1182	1843.9904	2.1277	1	10	4.1e+002	1	LLADLVGATRFEEAAGGR
✓	103	644.6500	643.6427	643.3905	0.2522	0	10	6e+002	1	IAVVVSG
✓	450	594.2800	1186.5454	1184.6989	1.8465	2	10	5.6e+002	1	SVGRIADLRK
✓	1152	792.3300	2373.9682	2373.0286	0.9395	0	10	3.2e+002	1	MGAAENNLMEGTLIGMEYR + Oxidation (M)
✓	1170	1227.6800	3680.0182	3678.7599	1.2582	2	10	6.5e+002	1	VAGTERGVKEPQATFSACFGQAFMTLHPTTYAK + Oxidation (M)
✓	858	623.0400	1866.0982	1863.8971	2.2010	2	10	4.1e+002	1	VCDLMHKDSFAEKL + Oxidation (M)
✓	670	791.9600	1581.9054	1579.7586	2.1469	1	10	4.6e+002	1	MATDEKIAVNMVDK + Oxidation (M)
✓	1194	853.4800	2557.4182	2558.3614	-0.9432	1	10	3.4e+002	1	TLMSQLLSGIEHMHKLWILHR + Oxidation (M)
✓	731	851.8000	3403.1709	3403.6911	-0.5202	1	10	9.1e+002	1	SMPIGTIVHNIEHMPGAGGALARSAGTSAQIMGR + Oxidation (M)
✓	1144	773.4800	2317.4182	2318.0163	-0.5981	2	10	3.3e+002	1	AAQELAMKMASMRSDMADWK + 3 Oxidation (M)
✓	1282	808.6100	4038.0136	4036.1714	1.8422	2	10	1.9e+002	1	LIGSGAQGIVCAATDMVTNKPVAIKKLSRPFQNVTHAK + Oxidation (M)
✓	870	625.9600	1874.8582	1876.0418	-1.1836	2	10	4.5e+002	1	DALTKSLIFLEAQRSGK
✓	397	560.7900	1119.5654	1117.6277	1.9377	2	10	5.7e+002	1	QVRKMLDTK
✓	122	674.6500	673.6427	673.3759	0.2668	0	10	6.5e+002	1	ITAGGQK
✓	1089	735.3300	2202.9682	2204.1147	-1.1465	1	10	3.9e+002	1	AVAKGDETETIAMNLGVDPR + Oxidation (M)
✓	742	859.4600	1716.9054	1714.9175	1.9879	0	10	4.9e+002	1	ILTFGTVLEEGMLQAK + Oxidation (M)
✓	305	485.5600	969.1054	967.4281	1.6774	0	10	3.5e+002	1	MSNLSGTDK + Oxidation (M)
✓	479	611.3100	1220.6054	1218.6860	1.9195	0	10	5.3e+002	1	VLVAEAITFEK
✓	582	699.3100	1396.6054	1396.6987	-0.0932	0	10	4.9e+002	1	LEFYNVQDLTR
✓	988	400.1400	1995.6636	1996.0411	-0.3775	1	10	3.3e+002	1	ILQQDMPPALQRVEGSSK
✓	474	607.0200	1212.0254	1211.5894	0.4360	1	10	3.9e+002	1	EKSEAEHNIR

✓	842	462.7900	1847.1309	1847.9993	-0.8684	2	10	4.2e+002	1	FKKSDLGLQLQDEL SK
✓	646	765.5800	1529.1454	1528.8501	0.2954	0	10	3.9e+002	1	NYEQPILGELL LK
✓	750	583.3100	1746.9082	1745.9399	0.9683	2	10	4.9e+002	1	CGKYPNLKKPTV WR
✓	990	501.1900	2000.7309	1999.0698	1.6611	1	10	3.5e+002	1	SAGAAREIAALIGN STAEVAK
✓	856	622.7600	1865.2582	1863.7138	1.5443	0	10	3.5e+002	1	EMEENFAMESSSSQ DK + Oxidation (M)
✓	418	569.9800	1137.9454	1136.5979	1.3476	1	10	3.7e+002	1	DFGLGPRT FFK
✓	1012	508.0800	2028.2909	2026.8686	1.4223	0	10	3.7e+002	1	EGDVWICMEVMD TSLDK
✓	1150	789.4300	2365.2682	2366.1763	-0.9081	2	10	4.1e+002	1	MFEKDKWM SIGEIVAPQGLR + 2 Oxidation (M)
✓	444	590.8100	1179.6054	1179.5819	0.0236	1	10	5.3e+002	1	GFSPLRLNSMR + Oxidation (M)
✓	1195	513.4800	2562.3636	2561.1964	1.1672	0	9	3.8e+002	1	ADY M GLGTVINCLALQDFLER + 2 Oxidation (M)
✓	560	670.3400	2677.3309	2675.3373	1.9936	0	9	1.4e+003	1	MLEAVSAVM SLGGMALFAGLGLGYAAK + 3 Oxidation (M)
✓	67	587.7800	586.7727	587.3027	-0.5300	0	9	6.9e+002	1	DIAGGR
✓	528	643.1400	1284.2654	1282.5572	1.7083	1	9	4.3e+002	1	TSSRRGNGD SM SK
✓	1018	1026.5400	4102.1309	4101.8605	0.2704	0	9	9.7e+002	1	YSE MNNQIGIM QLQAAQTVTQTADAIYDCSSLYQK + 2 Oxidati
✓	201	394.4600	786.9054	787.4188	-0.5134	0	9	6.1e+002	1	LQTV DGR
✓	1243	605.0400	3020.1636	3020.5324	-0.3688	2	9	2.5e+002	1	RQCFSTYASALKEMTHPIKPSAQTLR
✓	1280	656.2800	3931.6363	3931.1017	0.5347	1	9	1.7e+002	1	ALINFLMKTQT VAGYVEVSP LLVNTDSLTTGTGQLPK + Oxidati
✓	283	468.2400	934.4654	933.5396	0.9259	2	9	6.4e+002	1	TSPAKFRK
✓	955	656.5700	1966.6882	1965.9037	0.7845	1	9	3.6e+002	1	SHRDPTEAT MS IFAMR + Oxidation (M)
✓	89	619.9300	618.9227	619.3177	-0.3950	0	9	5.8e+002	1	IGSEK
✓	108	648.6400	647.6327	647.3425	0.2903	0	9	5.4e+002	1	MASAIR
✓	660	518.4800	1552.4182	1550.8127	1.6055	0	9	4.1e+002	1	VMVGSAALATFASAK
✓	1127	752.0100	2253.0082	2251.0766	1.9316	1	9	4.2e+002	1	MSQDYKTTLHL PATD FFMR
✓	335	509.6300	1017.2454	1016.4129	0.8325	0	9	5.2e+002	1	DM VMACFK + Oxidation (M)
✓	584	700.6500	1399.2854	1398.7215	0.5639	1	9	4.5e+002	1	ARIAAEQD AT TR
✓	1033	526.4600	2101.8109	2102.1160	-0.3051	0	9	3.8e+002	1	AELHVVHIEGTLEPELIFR
✓	852	621.8000	1862.3782	1862.8718	-0.4937	1	9	3.9e+002	1	ESVQQSRAAVETS DS NR
✓	1274	732.2600	3656.2636	3654.6165	1.6471	0	9	1.9e+002	1	STPGNTGDCPPLALVNTPIEDGDMVDTFG AM DFK + Oxidation (M)
✓	665	524.0100	1569.0082	1568.8059	0.2022	0	9	5e+002	1	QTIFASASIPQHNR
✓	1169	613.4400	2449.7309	2449.1431	0.5878	2	9	3.2e+002	1	MS KSDYYEALGVARNASDSEIK + Oxidation (M)
✓	598	723.1100	1444.2054	1444.7045	-0.4990	1	9	4.4e+002	1	AEEQEKPKETEK
✓	884	631.2400	1890.6982	1891.0356	-0.3374	1	9	4.1e+002	1	SKPVGPGQPTLFKFFNK
✓	725	563.7300	1688.1682	1688.7796	-0.6115	1	9	4.3e+002	1	GKAN MHPMTA EMALR + 2 Oxidation (M)
✓	154	724.5900	723.5827	722.3269	1.2558	0	9	3.7e+002	1	CSELSK
✓	1285	720.2700	4315.5763	4316.2852	-0.7089	2	9	1.5e+002	1	VGEGQLVHVHRSERSETMVPLQVAAAGHRDVLPAVPAYLDVK
✓	442	392.8900	1175.6482	1176.6424	-0.9942	1	9	6.7e+002	1	TLLSEMEKVK
✓	1212	897.1300	2688.3682	2686.2875	2.0807	1	9	4e+002	1	TTFLVISSYSSSEN PATD AHRFEK
✓	651	769.7700	1537.5254	1535.7804	1.7450	2	9	1.1e+003	1	TNAGEYRLQSRGGK
✓	484	614.8800	1227.7454	1228.6056	-0.8602	1	9	6.2e+002	1	RGFS ML LISR + 2 Oxidation (M)
✓	983	993.6800	1985.3454	1985.1417	0.2038	0	9	8.4e+002	1	NPLIM LL LASAVISVLMR + 2 Oxidation (M)
✓	1080	1087.8600	4347.4109	4347.1701	0.2408	2	9	8.4e+002	1	YDLIICNFANTDMVGHSGKLNATIKAVETIDSC LG IIHK + Oxidati
✓	574	689.2900	2064.8482	2065.9999	-1.1517	0	9	1.4e+003	1	QSHMQVYGIQ MM IDLK + 2 Oxidation (M)
✓	566	449.6700	1345.9882	1344.6674	1.3208	0	9	4.9e+002	1	FTTDEANVPVPR
✓	636	757.4000	1512.7854	1511.8671	0.9184	1	9	5.9e+002	1	NIRPEEVSSI IKK
✓	796	606.3300	1815.9682	1817.0485	-1.0803	1	9	5.5e+002	1	LLMFLVKEIVGNSQVK
✓	853	621.9300	1862.7682	1862.9890	-0.2209	1	9	4.8e+002	1	AAVDGKLFFVSEPQ SIR
✓	945	973.4600	1944.9054	1943.7976	1.1079	0	9	5.2e+002	1	MD IEEENSSSSIDVK + Oxidation (M)
✓	1022	686.2400	2055.6982	2056.1211	-0.4230	2	9	3.8e+002	1	PQQTAVVVLAAGAGTR MR SK + Oxidation (M)
✓	387	553.8500	1105.6854	1105.5305	0.1550	0	9	6.7e+002	1	GTVNYV PNR
✓	499	625.3500	1248.6854	1246.6380	2.0475	1	9	6.4e+002	1	LPPEVRD M FK + Oxidation (M)
✓	1083	729.6800	2186.0182	2185.2140	0.8042	2	9	4.9e+002	1	NILRS AVV PESSKSVDTMLK
✓	1269	724.0600	3615.2636	3614.8488	0.4148	2	9	2.1e+002	1	VSEGLV K IEKIEGAVGDTIELDEVLMVGGEVK + Oxidation (M)
✓	1251	780.0400	3116.1309	3114.5074	1.6235	2	9	2.7e+002	1	AQEEIAK ME VTEGSGGGMVAVTINGKHEAR + Oxidation (M)
✓	810	608.0100	1821.0082	1818.9298	2.0784	1	9	5.5e+002	1	QTYEKDGPLIV ACGR
✓	503	418.1700	1251.4882	1249.6163	1.8718	2	9	5.5e+002	1	KGRGFGSEEGAR
✓	933	646.2900	1935.8482	1933.9833	1.8649	1	9	5e+002	1	ADELGLAMVFTGVRHFR + Oxidation (M)
✓	1077	1084.9600	4335.8109	4334.0010	1.8099	1	9	8.8e+002	1	GYGQLNPLVEYQTAGYHMF EQ MIADIEYETTRL FM K + 3 Oxidati
✓	1235	492.0400	2946.1963	2946.2986	-0.1023	0	9	3e+002	1	QQLQSMGMMVDWDQ Q IVSADPEYYR
✓	541	654.1500	1306.2854	1305.6902	0.5953	0	9	4.6e+002	1	RPPAAAAAGGQPSR
✓	600	725.2700	1448.5254	1449.7100	-1.1845	1	9	1.2e+003	1	GEVDKVISGEFDR
✓	1001	670.8800	2009.6182	2007.9969	1.6213	0	9	3.9e+002	1	QQSLVMSTGIIGQQL DM K + 2 Oxidation (M)
✓	200	394.4600	786.9054	786.3620	0.5434	0	9	6.8e+002	1	GPGSAADGR
✓	1225	695.8900	2779.5309	2780.4180	-0.8871	2	9	3.9e+002	1	GDAARFAFPRLGRSDANFSL SL GLK
✓	1156	796.2000	2385.5782	2386.1481	-0.5699	2	9	3.6e+002	1	MEVNSLKEQ MAAARIEAGHNR + 2 Oxidation (M)
✓	327	499.3600	996.7054	997.4208	-0.7154	0	9	5e+002	1	MM ANETAAR + 2 Oxidation (M)
✓	1147	585.8300	2339.2909	2337.1495	2.1414	2	9	4.6e+002	1	EKLKHM Q GLLNSQNDTSNHK + Oxidation (M)
✓	461	601.0800	1200.1454	1200.5809	-0.4354	0	9	5.2e+002	1	VSDHAGE ML VK + Oxidation (M)
✓	448	592.8200	1183.6254	1181.5676	2.0578	0	9	6.4e+002	1	QALPGEFGEER
✓	507	630.6300	1259.2454	1259.5935	-0.3480	0	9	5.2e+002	1	YTVYSGGTAWR
✓	551	663.0100	1324.0054	1322.6830	1.3224	2	9	4.6e+002	1	DGYDTLVK ERK
✓	54	568.8400	567.8327	566.2925	1.5402	0	9	2.5e+002	1	AHSPR
✓	378	544.1100	1086.2054	1084.6353	1.5702	1	9	5.5e+002	1	LTALGADIRR
✓	1009	675.2300	2022.6682	2022.9357	-0.2675	1	9	4e+002	1	KISDFCFASANDGSYTLK
✓	1175	828.6400	2482.8982	2482.4127	0.4855	2	9	3.6e+002	1	QIMQAQISFV MAAAIL TGLRVKK + Oxidation (M)
✓	115	660.6100	659.6027	659.3238	0.2789	0	9	9.2e+002	1	GIADER
✓	686	816.8000	1631.5854	1629.7895	1.7960	1	9	5e+002	1	VPMAGKVVD M FYNK + 2 Oxidation (M)
✓	1108	1111.2100	4440.8109	4438.9637	1.8472	2	9	8.9e+002	1	TLGVKGGVGYAYEYAGTTFE Q MNMEERMTVCNMAIEGGAR + 3 Oxi
✓	902	639.2000	1914.5782	1913.0470	1.5312	1	9	4.3e+002	1	VVTDKVIABIDTIG DLR
✓	754	877.4300	1752.8454	1753.7440	-0.8985	0	9	6e+002	1	M GGGYNMTYQLFDK + Oxidation (M)
✓	309	490.1900	978.3654	979.4281	-1.0626	0	9	7e+002	1	MD SEGA VQK + Oxidation (M)
✓	523	638.7200	1275.4254	1273.6514	1.7741	1	9	5.8e+002	1	AQDDIQKITDK

✓	779	899.9200	1797.8254	1797.8243	0.0011	0	9	5.9e+002	1	NTAMVVDWQTPSLEK + Oxidation (M)
✓	239	429.9200	857.8254	856.4225	1.4029	1	9	6.9e+002	1	GPMMKHGSK + Oxidation (M)
✓	78	600.1600	599.1527	599.3027	-0.1500	0	9	4.3e+002	1	EAAGPR
✓	504	418.1900	1251.5482	1251.5839	-0.0357	0	9	6.3e+002	1	MENVSLDMLGK + Oxidation (M)
✓	170	750.0800	749.0727	747.4068	1.6659	0	9	5.8e+002	1	FAFVHK
✓	447	591.9200	1181.8254	1179.6468	2.1787	2	9	5.4e+002	1	GMKTLSLRMK + Oxidation (M)
✓	195	783.7000	782.6927	781.3719	1.3209	0	9	3.7e+002	1	ASFSGASR
✓	319	496.3100	990.6054	988.5818	2.0237	1	9	8.1e+002	1	IAIPTRYR
✓	452	595.7300	1189.4454	1187.6034	1.8421	0	9	7e+002	1	VAEDAPASLSTK
✓	229	421.0300	840.0454	839.4613	0.5841	2	9	4.1e+002	1	GGGKEHKK
✓	407	564.0000	1125.9854	1124.5284	1.4570	0	9	5e+002	1	SNMAATAAFNK
✓	437	585.3600	1168.7054	1167.5772	1.1283	2	9	6.5e+002	1	KDVTGDGKYK
✓	829	614.1100	1839.3082	1837.9549	1.3533	0	9	4.5e+002	1	WFGIAIPATFVNSMIR + Oxidation (M)
✓	470	604.6300	1207.2454	1205.6445	1.6010	0	9	5.1e+002	1	YGHYVVIDIK
✓	1043	710.9700	2129.8882	2128.8711	1.0171	1	9	4.9e+002	1	NSDMHLLDMESMGSSDGK + 3 Oxidation (M)
✓	822	612.7400	1835.1982	1833.9294	1.2687	1	9	4.9e+002	1	MEAGELPLEASVAAYKR
✓	1005	674.5200	2020.5382	2020.9082	-0.3700	0	9	4.3e+002	1	LNPDGTMAIDEETMVVDR + Oxidation (M)
✓	1042	709.9600	2126.8582	2126.1371	0.7210	2	9	4.8e+002	1	DLVEKTGYRIHEIPSEIK
✓	679	803.2500	1604.4854	1603.8239	0.6615	1	9	5e+002	1	VEEVAEAIKNMTVR + Oxidation (M)
✓	586	706.9600	2823.8109	2824.4905	-0.6796	1	9	1.5e+003	1	QLDPSLLVKQQTTPSPQPLHQPAWK + Oxidation (M)
✓	683	809.9200	3235.6509	3233.7484	1.9025	2	9	1.4e+003	1	MLGLVAVSLLVGGIGVMNVMLMTVRERTR + 3 Oxidation (M)
✓	1244	757.0600	3024.2109	3023.6729	0.5380	1	9	3.2e+002	1	GAVFSLGIMVTAVAYATQKGITNLLTIQK + Oxidation (M)
✓	268	453.6300	905.2454	904.4436	0.8018	0	8	7e+002	1	GLSGMPATR + Oxidation (M)
✓	323	497.8100	993.6054	991.5702	2.0352	0	8	7e+002	1	YLGAHAVITK
✓	952	981.3300	2942.7682	2941.5980	1.1702	2	8	1.1e+003	1	DMKPSNILIDTNGLVKICDLGSAKVIK
✓	1172	615.8200	2459.2509	2458.3829	0.8680	1	8	5.2e+002	1	ASMAIIGLISLKGSIILGTGLQAR + Oxidation (M)
✓	1279	648.0300	3882.1363	3881.0655	1.0708	1	8	2.5e+002	1	LFSLLEPYVVPYTVHLLAHPDYPVKVDIEQLK
✓	916	641.3000	1920.8782	1920.9615	-0.0833	0	8	5.8e+002	1	MIQSIHVTVYSVSDISK
✓	218	412.2200	822.4254	823.3494	-0.9240	2	8	6.9e+002	1	RSKGMDD + Oxidation (M)
✓	967	658.5200	1972.5382	1971.9434	0.5948	1	8	4.5e+002	1	GGAISFEFFMSVMQPKAK + Oxidation (M)
✓	1029	697.7600	2090.2582	2089.0448	1.2133	1	8	5.3e+002	1	RQTVAQMPQMLELPYR + 2 Oxidation (M)
✓	304	483.5500	965.0854	964.5454	0.5401	0	8	5.4e+002	1	LRPDIHSK
✓	569	677.3300	1352.6454	1352.7043	-0.0589	1	8	6.9e+002	1	VMEGMLSSLKVK + 2 Oxidation (M)
✓	291	474.6500	947.2854	946.4178	0.8676	0	8	7.5e+002	1	DPGAGGQAMK + Oxidation (M)
✓	913	640.8800	1919.6182	1918.7061	0.9120	0	8	4.7e+002	1	MDSDIMNMMHQMEK + 3 Oxidation (M)
✓	255	440.7900	879.5654	879.3868	0.1786	1	8	7.3e+002	1	SEMDARR + Oxidation (M)
✓	717	558.6800	1673.0182	1673.9325	-0.9144	2	8	6.5e+002	1	LHPGKIAVGIDARDGR
✓	989	1000.4000	3997.5709	3996.9469	0.6240	1	8	1.1e+003	1	HAMVDQPPVTTYSHFAQDLWPEQGKIDSFQEVILR + Oxidation (M)
✓	105	645.7900	644.7827	645.3598	-0.5771	0	8	9.7e+002	1	IFNPR
✓	594	721.5900	1441.1654	1441.6395	-0.4741	0	8	5.4e+002	1	MAFQDGTAEVETK + Oxidation (M)
✓	1267	719.9300	3594.6136	3593.6673	0.9463	1	8	3.2e+002	1	MGRYMTQLIGFFNMMSFMLAMGILYDYLK + 5 Oxidation (M)
✓	515	634.5100	1267.0054	1265.6040	1.4014	1	8	5.2e+002	1	WIGYGDDTIRA
✓	962	984.4800	1966.9454	1965.1119	1.8335	1	8	6.2e+002	1	SRPVGDLAALRSLGVDAR
✓	1189	850.4600	2548.3582	2548.2420	0.1161	2	8	5.3e+002	1	YKRLMGYDVFYLTGLDEHGQK + Oxidation (M)
✓	1161	482.0300	2405.1136	2405.2997	-0.1861	1	8	5.5e+002	1	ILLQMGAVLMFGGQMPVIVKVR + 3 Oxidation (M)
✓	457	598.9700	1195.9254	1196.5570	-0.6315	0	8	5.3e+002	1	TMPMEQVFAK + Oxidation (M)
✓	485	616.8200	1231.6254	1229.7860	1.8395	1	8	8.4e+002	1	VYKLIGAVLVR
✓	1183	841.2700	2520.7882	2519.1791	1.6091	2	8	4e+002	1	TSTAENWAREIVDFYNEKMK + Oxidation (M)
✓	898	477.6500	1906.5709	1906.1112	0.4597	2	8	5e+002	1	VTIPLPNAALTRDTRIR
✓	44	550.5200	549.5127	550.2387	-0.7260	0	8	7.4e+002	1	YNSAP
✓	216	409.6900	817.3654	816.3800	0.9855	0	8	1.1e+003	1	MGPFGGSAK + Oxidation (M)
✓	1207	525.1000	2620.4636	2619.2098	1.2539	0	8	5e+002	1	QQMGDAVQALCLFAGANSIFYGDK + Oxidation (M)
✓	1277	620.7500	3718.4563	3718.8599	-0.4036	2	8	2.6e+002	1	QQIGEEAHGVRLCLYGLGAAAYMEHAYVLDK + Oxidation (M)
✓	369	540.1400	1078.2654	1076.6230	1.6424	1	8	6.2e+002	1	TVLVFAKGDK
✓	641	761.9200	1521.8254	1519.8246	2.0009	0	8	1.6e+003	1	QIQFSQSLSILK
✓	315	494.5300	987.0454	987.5171	-0.4717	0	8	7.3e+002	1	DRPLVMNK + Oxidation (M)
✓	1253	788.0700	3148.2509	3146.1026	2.1483	1	8	4.3e+002	1	KGAAPMDGGMGGMGGMGGMGMGMGMGM + 5 Oxidation
✓	999	670.6200	2008.8382	2006.8779	1.9603	0	8	5.8e+002	1	DEDPVEEPLGEMATFNSK
✓	1233	732.7200	2926.8509	2925.4794	1.3715	1	8	3.7e+002	1	EVNASDDNLGIVIDAYGVGSFMVATKIK
✓	1247	764.9800	3055.8909	3055.4711	0.4198	1	8	3.5e+002	1	LGNPMPRIAETPCGMNLNAIGLQNCQVEK + Oxidation (M)
✓	413	564.7900	1127.5654	1127.5611	0.0043	0	8	8.2e+002	1	DYLPGHLDK
✓	708	831.0500	2490.1282	2489.3604	0.7678	0	8	1.5e+003	1	QMESNGIVPITLVIVNLYPFVK + Oxidation (M)
✓	886	948.9700	2843.8882	2844.2921	-0.4040	0	8	1.4e+003	1	WIAMGSCACTGGFPADSYAVVPGVDK + Oxidation (M)
✓	890	633.5600	1897.6582	1898.0360	-0.3779	1	8	5.2e+002	1	ADVNQTLKEDIVELLA
✓	922	964.7700	1927.5254	1926.0785	1.4469	2	8	5.1e+002	1	EVLKEIKNSLGEEAVIR
✓	624	750.9600	1499.9054	1497.7899	2.1155	2	8	7.4e+002	1	KAPGLSEQNGKGGQK
✓	212	813.7000	812.6927	813.4708	-0.7781	0	8	6e+002	1	GLVEIQR
✓	176	379.1600	756.3054	754.3167	1.9887	1	8	8e+002	1	EKMMSGTS + Oxidation (M)
✓	1056	713.6300	2137.8682	2138.9943	-1.1261	1	8	5.5e+002	1	TYLVNDQATKMYAFTSDR + Oxidation (M)
✓	27	504.3000	503.2927	503.2227	0.0700	0	8	1.7e+003	1	EIADG
✓	1206	655.8400	2619.3309	2617.2918	2.0391	1	8	5.6e+002	1	ATTTEGMGFEGRGEGISAHAVALLAR + Oxidation (M)
✓	654	772.9200	2315.7382	2315.1869	0.5512	1	8	1.7e+003	1	LQGLYRSDANGLQPLNSENK
✓	468	603.5700	1205.1254	1203.6169	1.5085	1	8	6.5e+002	1	KMTVPTAAVAE + Oxidation (M)
✓	1266	599.9000	3593.3563	3591.9698	1.3865	2	8	2.9e+002	1	DLDDQMIWAVSAQLPVLLLLTKADKLSQVAR
✓	258	449.1400	896.2654	896.4426	-0.1771	0	8	5.7e+002	1	LYMGASQK
✓	381	550.9000	1099.7854	1098.5710	1.2145	1	8	7.8e+002	1	KYVVAGGYDK
✓	553	665.9900	1329.9654	1329.7252	0.2402	2	8	6.8e+002	1	EVAKKEPSTVSR
✓	618	744.8600	1487.7054	1485.8198	1.8856	2	8	8.2e+002	1	QGLGGLMGVGSRRAR
✓	1231	725.2500	2896.9709	2895.2706	1.7003	2	8	3.8e+002	1	NCQRCEIMIPRMADLACGNWGAEK + Oxidation (M)
✓	882	631.1900	1890.5482	1890.8708	-0.3226	0	8	5.5e+002	1	SGISFSSNTSFTAANSASR
✓	987	665.3700	1993.0882	1993.1320	-0.0438	2	8	6.9e+002	1	ILRELSAKVAEQAEPLAR

✓	486	617.4400	1232.8654	1232.6547	0.2107	0	8	7.6e+002	1	NSGA V VM T VL R + Oxidation (M)
✓	1283	849.1200	4240.5636	4241.0775	-0.5138	2	8	2.1e+002	1	AL E E F MPDGVKWK T KEGG M FVWATLPEGIDTKL M LEK + 3 Oxidat
✓	545	657.4500	1312.8854	1312.5936	0.2919	0	8	7.5e+002	1	YGPSIDGDTNFK
✓	244	431.8000	861.5854	859.3858	2.1996	0	8	1e+003	1	VADPMGDR
✓	177	379.1700	756.3254	754.3167	2.0087	1	8	8.5e+002	1	EKMSGTS + Oxidation (M)
✓	820	612.1200	1833.3382	1834.0424	-0.7043	1	8	5.7e+002	1	ELAALGLLESRIHVGR
✓	102	639.6300	638.6227	639.3704	-0.7477	1	8	3.9e+002	1	AVKHVS
✓	1137	765.7900	2294.3482	2293.1776	1.1705	1	8	5.9e+002	1	AYQHKVGNII D TM I TDAFLK + Oxidation (M)
✓	300	481.1000	960.1854	959.5188	0.6666	0	8	8e+002	1	ILTHAYSR
✓	374	544.0700	1086.1254	1084.7219	1.4035	1	8	7.2e+002	1	IIIALIKSSK
✓	475	607.4600	1212.9054	1212.7091	0.1964	2	8	7e+002	1	AKINWKAINR
✓	63	582.2700	581.2627	581.2809	-0.0182	0	8	4.8e+002	1	AGGYSK
✓	705	553.3500	1657.0282	1656.9046	0.1236	1	8	7.4e+002	1	VLELSKLN V ADNSGAK
✓	1091	1102.9300	3305.7682	3304.7026	1.0655	0	8	1.2e+003	1	LQLHEEYVLMQ A ISLFS P DRPGVLQHR
✓	1242	604.1000	3015.4636	3015.6505	-0.1869	2	8	5e+002	1	KLEIVKNTPELQ H ILGGAAGDAAGPVVYR
✓	923	965.1100	2892.3082	2892.3938	-0.0857	1	8	1.4e+003	1	SWRLATVAAALM M AGSAWATEYS S AFK + Oxidation (M)
✓	881	944.4900	2830.4482	2831.2661	-0.8179	1	8	1.7e+003	1	LPYGA K TD P VEEFAFEETDGADSSK
✓	588	712.0200	1422.0254	1421.7990	0.2264	2	8	6.5e+002	1	GHVADNIIKEAKK
✓	1020	685.5800	2053.7182	2054.1922	-0.4740	2	8	5.5e+002	1	MLRGVEILTNAV K VTLGPK + Oxidation (M)
✓	1079	725.2400	2172.6982	2173.0976	-0.3995	0	8	5.3e+002	1	LAKPV S IAIFVTSSDEAM S SK + Oxidation (M)
✓	403	562.2500	1122.4854	1122.6985	-0.2131	2	7	8.3e+002	1	KVPGAQIVRR
✓	495	621.8100	1241.6054	1239.5726	2.0328	0	7	9e+002	1	ISM L EEDIM K + 2 Oxidation (M)
✓	224	417.2900	832.5654	830.3882	2.1772	0	7	1.2e+003	1	NIGDGGGNK
✓	1265	581.7200	3484.2763	3483.6881	0.5882	2	7	3.2e+002	1	FAPNKANPERVHLYMNDGNEVYATISTFASK
✓	159	728.7400	727.7327	726.3660	1.3667	0	7	6.9e+002	1	GAEHVSK
✓	296	955.7000	954.6927	953.4818	1.2109	0	7	7e+002	1	ELGHEIEK
✓	1273	911.4300	3641.6909	3641.7964	-0.1055	1	7	3.7e+002	1	SCMSQ E RV R PGN P STVSLHVVGALVEGTMLSAEK + Oxidation (I
✓	119	663.1900	662.1827	662.2871	-0.1044	0	7	1.1e+003	1	TGNDEK
✓	632	755.3000	1508.5854	1506.7314	1.8540	1	7	7.5e+002	1	GNTYDNL D KKPKDK
✓	656	773.3900	1544.7654	1543.7995	0.9660	0	7	9e+002	1	GHSGLIFVTVGSNEK
✓	69	589.2900	588.2827	588.3119	-0.0291	0	7	1.6e+003	1	TNELL
✓	425	572.6400	1143.2654	1143.6360	-0.3706	2	7	7.5e+002	1	VTKEADGRLR
✓	672	528.8300	1583.4682	1581.8838	1.5843	1	7	6.3e+002	1	ANDLVKQLAVAVEGR
✓	1039	708.5800	2122.7182	2122.1786	0.5395	2	7	5.5e+002	1	EVPTYRYVS V SVLV D RLK
✓	973	661.8700	1982.5882	1983.0135	-0.4254	1	7	5.7e+002	1	FVEL M GEGQYVELLGR + Oxidation (M)
✓	284	935.7400	934.7327	933.4516	1.2812	0	7	8.2e+002	1	TAGSSSTPAR
✓	1214	905.7200	2714.1382	2714.3810	-0.2428	2	7	5.2e+002	1	MTHPSDTGSAPV L ALRDVSKSFGAVR + Oxidation (M)
✓	613	741.5500	1481.0854	1480.7232	0.3623	1	7	6.5e+002	1	DITPL M NDGKAYK + Oxidation (M)
✓	117	662.2500	661.2427	661.3031	-0.0604	0	7	1.3e+003	1	ATADER
✓	259	449.6200	897.2254	895.4763	1.7491	0	7	6e+002	1	FVVSTSTR
✓	191	387.6000	773.1854	771.3875	1.7979	0	7	1.1e+003	1	SAQHTTK
✓	813	912.3700	2734.0882	2733.4095	0.6787	2	7	1.5e+003	1	ASPRQAD F MV V AGTPFTKMA P VIQR + Oxidation (M)
✓	834	922.3000	1842.5854	1840.9643	1.6212	1	7	1.4e+003	1	IEVQTLLDQRLQDDR
✓	1239	593.5100	2962.5136	2962.3805	0.1331	0	7	5.5e+002	1	FTCALV M C M VAA P LAEAITCGLVASK + 3 Oxidation (M)
✓	1142	770.7500	2309.2282	2310.1130	-0.8848	2	7	6.9e+002	1	MAANISLQPTSM R DVTKMER + 2 Oxidation (M)
✓	671	792.6800	2375.0182	2373.1212	1.8970	1	7	1.8e+003	1	TTYFCRDLAQYFQGGQPPPK
✓	721	841.5200	2521.5382	2520.2238	1.3144	1	7	1.7e+003	1	QRNV S IASDLSSATLV D SCNDLR
✓	862	625.8700	1874.5882	1873.0156	1.5725	1	7	6.3e+002	1	NNILISGETGTGKTEVLK
✓	548	659.1900	1316.3654	1315.6806	0.6849	1	7	7.6e+002	1	TDKILTHD V M K + Oxidation (M)
✓	221	830.7100	829.7027	828.3800	1.3228	0	7	1.1e+003	1	MSHTEPK
✓	36	527.4000	526.3927	525.3023	1.0904	1	7	3.8e+002	1	GGHKK
✓	84	612.9200	611.9127	610.3299	1.5828	1	7	3.6e+002	1	GGGHR
✓	94	624.3100	623.3027	621.2606	2.0421	0	7	7.7e+002	1	ATSQSE
✓	1187	636.5300	2542.0909	2540.3859	1.7050	0	7	5.9e+002	1	TCGIINIVYIPTAGTILIPMPAGR
✓	1272	729.3100	3641.5136	3639.8142	1.6994	2	7	3.3e+002	1	VETHNHPTAIAPFP G ASTGAGGEIRDEGATGRGGKPK
✓	52	566.0200	565.0127	563.2373	1.7754	0	7	6.3e+002	1	MGDNK
✓	111	656.4600	655.4527	655.3653	0.0874	0	7	6.7e+002	1	HATTVK
✓	1281	660.5500	3957.2563	3957.9016	-0.6453	0	7	2.9e+002	1	LIYS M DTETLV D ACWAISYLS D GPQEA I Q A VIDVR + Oxidation (
✓	404	562.7200	1123.4254	1123.5366	-0.1111	1	7	8.1e+002	1	VGVRLMLTSD + Oxidation (M)
✓	1248	770.3400	3077.3309	3075.5441	1.7868	2	7	4.9e+002	1	FDSQPLLEFD A EKDAELSLTYKTFR
✓	35	524.2600	523.2527	521.1904	2.0623	0	7	7.6e+002	1	GNMNS
✓	392	556.3200	1110.6254	1108.6856	1.9399	0	7	8.8e+002	1	IEPKPVSVIK
✓	578	465.3900	1393.1482	1392.7686	0.3795	0	7	7.1e+002	1	KPLDPPPMLELK + Oxidation (M)
✓	965	657.8500	1970.5282	1970.9797	-0.4515	0	7	6.3e+002	1	LQGINLGLED D GVADES V K
✓	287	468.9500	935.8854	934.4429	1.4425	0	7	7.7e+002	1	AEMGA E AIK + Oxidation (M)
✓	966	986.4900	2956.4482	2954.3354	2.1128	0	7	1.8e+003	1	IFPDLWSYTT M LSAYVNASDMEGA E K + Oxidation (M)
✓	1143	771.9900	2312.9482	2312.1073	0.8409	1	7	6.5e+002	1	KHEEASDFVSTAEQV V AFYR
✓	320	496.3300	990.6454	991.5451	-0.8996	1	7	1.2e+003	1	RIQTS P YK
✓	480	612.5100	1223.0054	1221.7333	1.2722	0	7	7.1e+002	1	VLINL L PDTPK
✓	527	642.8800	1283.7454	1282.7609	0.9846	1	7	1e+003	1	LLPAVITASKDR
✓	1162	1211.3300	3630.9682	3629.7330	1.2351	2	7	1.2e+003	1	VLGTLNS R DFLRH F GCPV G SPMNP G QLCEVW
✓	1213	746.7000	2702.7709	2700.6492	2.1217	0	7	5.2e+002	1	MIPLQHGLILAA I LFVLGLTGLIIR + Oxidation (M)
✓	1241	678.5100	2990.0109	2988.5484	1.4625	2	7	4.5e+002	1	TALKIADYVVTEAGFGADLGA E KFFDIK
✓	1249	617.9500	3084.7136	3082.6896	2.0240	2	7	5.2e+002	1	GEKIIG R LAGGR P VLGICVGM Q ILFER + Oxidation (M)
✓	311	492.3800	982.7454	982.5811	0.1643	0	7	7.2e+002	1	ETIAATPLR
✓	431	582.9700	1163.9254	1162.6095	1.3160	1	7	7.9e+002	1	ELGYTARTPR
✓	513	633.2900	1264.5654	1263.6241	0.9413	1	7	1e+003	1	MDRI I DSAATR + Oxidation (M)
✓	406	563.2900	1124.5654	1122.6145	1.9509	2	7	9.5e+002	1	YS A ELRR T K
✓	735	854.5400	1707.0654	1705.9614	1.1041	1	7	8.5e+002	1	LFSLT S NTAIAEKIAK
✓	271	913.2300	912.2227	911.4349	0.7879	0	7	7.1e+002	1	TGIYTS D R
✓	482	613.4500	1224.8854	1225.7255	-0.8400	2	7	7.8e+002	1	RLTERPAAGK

✓	639	761.4500	2281.3282	2280.2123	1.1159	1	7	2.2e+003	1	QHTPLVLFGPPGIGKLTALMCK + Oxidation (M)
✓	795	908.7000	2723.0782	2723.3847	-0.3065	2	7	1.7e+003	1	QMAGAGIEIMHSRLGGGEPVGDRIK + 2 Oxidation (M)
✓	1003	1007.9600	3020.8582	3019.4129	1.4452	0	7	1.6e+003	1	SHPYMLPTAALDDPPPEVTMFATMSR + 2 Oxidation (M)
✓	1205	869.3300	2604.9682	2605.2985	-0.3304	2	7	5.6e+002	1	YLFDMEGADITFTKEALDAIAKK + Oxidation (M)
✓	1218	911.0500	2730.1282	2729.4548	0.6734	2	7	5.9e+002	1	VGMWAKPTLRQLGGAPTQPPESPR
✓	1171	614.7000	2454.7709	2454.0600	0.7109	0	7	5.9e+002	1	DVMSDSALGMSFPVDPGPEMDASLK + Oxidation (M)
✓	1188	849.2800	2544.8182	2544.2612	0.5569	0	7	5.7e+002	1	KPMLLLFFLGMISMSLCQDER + Oxidation (M)
✓	935	647.9200	1940.7382	1940.9785	-0.2403	2	7	7.4e+002	1	HTMQQAMQADRALLR + Oxidation (M)
✓	23	481.3500	480.3427	478.2023	2.1404	0	7	5.4e+002	1	QASSS
✓	1021	686.0200	2055.0382	2053.9660	1.0722	2	7	8.9e+002	1	LDNNMEDGSEMSSIKIKK + Oxidation (M)
✓	570	679.2000	1356.3854	1355.7269	0.6585	1	7	8.3e+002	1	GNGRLDSTIANALR
✓	456	597.6600	1193.3054	1191.5666	1.7388	1	7	8.1e+002	1	QMAGDNKSLGR + Oxidation (M)
✓	766	888.3300	1774.6454	1773.8866	0.7589	1	7	1.8e+003	1	CVVRLSGLAVSMDHSK + Oxidation (M)
✓	208	401.4000	800.7854	799.4188	1.3666	1	6	1.2e+003	1	RDPGDLK
✓	368	540.1300	1078.2454	1076.4734	1.7720	0	6	8.9e+002	1	QELSSDGGGR
✓	205	400.4100	798.8054	798.4123	0.3931	0	6	8.4e+002	1	LSTSTYK
✓	649	769.1400	1536.2654	1536.8525	-0.5871	1	6	8e+002	1	GHSVVVHSTVIAKR
✓	79	600.5600	599.5527	600.3231	-0.7704	0	6	9.2e+002	1	ESLRP
✓	217	411.7500	821.4854	820.4225	1.0629	1	6	1.2e+003	1	RLCASSK
✓	931	645.8800	1934.6182	1934.9949	-0.3767	1	6	7.4e+002	1	AEQGLYVVDLSQVDSGK
✓	209	403.4500	804.8854	805.4698	-0.5843	0	6	1.1e+003	1	IGVGGYIK
✓	107	646.2300	645.2227	644.3606	0.8621	0	6	1.9e+003	1	GGSGIVR
✓	926	966.8600	3863.4109	3862.8876	0.5233	2	6	1.8e+003	1	DLGTMTHVGNVLSSDVFYSNYFEKNIELGKMGVK + Oxidation (M)
✓	1262	683.6000	3412.9636	3411.7259	1.2378	2	6	4.8e+002	1	FPVQVYNRPNLDFRGYAGMLASGRVEVGQR + Oxidation (M)
✓	1230	578.0000	2884.9636	2883.5898	1.3738	2	6	5.5e+002	1	IIIVYAKQHDEPILAKQLFAPEGYLK
✓	301	481.4900	960.9654	961.5444	-0.5789	1	6	1.1e+003	1	KVLAESSTK
✓	1024	689.6300	2065.8682	2066.0466	-0.1784	1	6	8.7e+002	1	IDLLASDPHEALICKSER
✓	1220	685.1100	2736.4109	2734.4211	1.9898	2	6	7.8e+002	1	ILSPVDSGNKLVAEGNLYSNKIMEK + Oxidation (M)
✓	163	736.9800	735.9727	735.3697	0.6030	1	6	9.3e+002	1	KSQAMR + Oxidation (M)
✓	118	662.2900	661.2827	660.3013	0.9814	0	6	1.7e+003	1	AACPSR
✓	1263	685.4900	3422.4136	3420.4675	1.9461	1	6	4.7e+002	1	VYSSSDIDSAGHDSDEIEEYDVVMKDASK + Oxidation (M)
✓	106	646.0200	645.0127	644.2402	0.7726	0	6	1.6e+003	1	ASHDSE
✓	180	761.3200	760.3127	758.4803	1.8324	1	6	1.7e+003	1	RFVIPK
✓	198	394.4400	786.8654	786.3620	0.5034	0	6	1.3e+003	1	TDHGTTTR
✓	131	343.7500	685.4854	683.3312	2.1542	0	6	1.4e+003	1	AFMTSK
✓	141	701.3300	700.3227	699.4391	0.8836	1	6	1.6e+003	1	AVVAKGR
✓	880	942.7100	1883.4054	1884.0356	-0.6302	1	6	8e+002	1	FILGKEGEVLDIVAEPK
✓	577	697.1700	1392.3254	1391.7184	0.6071	0	6	9.1e+002	1	AALEYLEDIDLK
✓	828	920.1300	1838.2454	1838.8873	-0.6419	0	6	8.4e+002	1	LANFAMTPTDWTQTTVK + Oxidation (M)
✓	370	540.1500	1078.2854	1077.5423	0.7432	1	6	1e+003	1	ADMMAVLRR + Oxidation (M)
✓	260	449.6200	897.2254	895.4586	1.7669	0	6	8.3e+002	1	ALLYGGMR + Oxidation (M)
✓	155	724.8300	723.8227	724.4232	-0.6004	0	6	6.9e+002	1	LAGLHSE
✓	160	728.8900	727.8827	726.4137	1.4691	0	6	1e+003	1	AEVRPR
✓	235	424.9100	847.8054	848.4174	-0.6120	0	6	1.2e+003	1	TSKPMNR + Oxidation (M)
✓	668	787.7100	1573.4054	1573.8610	-0.4555	2	6	9.6e+002	1	MPKTSKAKPGRSSK
✓	394	557.8300	1113.6454	1113.5455	0.1000	1	6	1.4e+003	1	RGYTVDEFK
✓	589	712.9300	1423.8454	1422.7072	1.1383	1	6	1.3e+003	1	LGGSSSGIIRTCR + Oxidation (M)
✓	51	564.2200	563.2127	561.2871	1.9257	0	6	1.6e+003	1	ASTAGR
✓	1260	849.1100	3392.4109	3390.5894	1.8215	0	6	5.5e+002	1	STFMVEMTETANILHNATEHSLVLMDEVGR + Oxidation (M)
✓	712	831.8300	1661.6454	1660.8818	0.7637	1	6	1.1e+003	1	IKSTSSMELQVPSR
✓	48	554.8100	553.8027	552.2908	1.5120	1	6	5.8e+002	1	AKSTF
✓	147	713.9100	712.9027	712.2850	0.6177	0	6	8.7e+002	1	GDCFSK
✓	637	757.9200	1513.8254	1513.8147	0.0107	2	5	1.4e+003	1	MTKPPVGSNRSGRK
✓	592	719.8500	1437.6854	1435.9238	1.7616	2	5	1.3e+003	1	VAALIARKGLVPTK
✓	240	431.3600	860.7054	859.3858	1.3197	0	5	1.5e+003	1	ATGAMHEK + Oxidation (M)
✓	241	431.3600	860.7054	861.4266	-0.7211	0	5	1.5e+003	1	MPSTGEIK
✓	675	794.6900	1587.3654	1586.8668	0.4986	0	5	1.1e+003	1	VALQANPTSPTLTFK
✓	281	464.9000	927.7854	928.4477	-0.6622	0	5	1.3e+003	1	FLSGACFK
✓	326	499.3600	996.7054	995.5624	1.1430	1	5	1.2e+003	1	QPAGGARALR
✓	635	756.7300	1511.4454	1509.7722	1.6733	1	5	1.1e+003	1	DLPSHIQEMLRR + Oxidation (M)
✓	66	586.2600	585.2527	586.3438	-1.0911	0	5	1.4e+003	1	GKPSAK
✓	95	625.6900	624.6827	625.3184	-0.6357	0	5	6.7e+002	1	VEGHGK
✓	508	632.7700	1263.5254	1261.6415	1.8840	2	5	1.6e+003	1	NKSPDAEAKFR
✓	164	369.3100	736.6054	736.3603	0.2451	0	5	1.2e+003	1	SDVSTTK
✓	49	554.8500	553.8427	554.2561	-0.4134	0	5	6.7e+002	1	EGGHR
✓	280	462.8900	923.7654	924.4665	-0.7010	0	5	1e+003	1	APNGPGVGGEK
✓	113	329.9800	657.9454	658.2922	-0.3468	0	5	1.8e+003	1	VHSTDT
✓	509	632.8300	1263.6454	1261.7394	1.9061	2	5	1.6e+003	1	AYKETKPAVKK
✓	46	553.4000	552.3927	551.3431	1.0496	0	5	1.2e+003	1	ILHLG
✓	53	567.9100	566.9027	566.2700	0.6327	0	5	6.3e+002	1	YTIGN
✓	199	394.4500	786.8854	785.3595	1.5259	0	5	1.8e+003	1	YFEEAK
✓	68	588.3000	587.2927	588.2616	-0.9689	0	5	2.8e+003	1	GNADR
✓	91	621.2000	620.1927	619.2272	0.9656	0	5	1.8e+003	1	MENPGG + Oxidation (M)
✓	261	449.6400	897.2654	896.3811	0.8844	0	5	1.1e+003	1	YGVCGADR
✓	231	842.9000	841.8927	842.4498	-0.5570	0	5	1.4e+003	1	APSTDKPK
✓	61	581.3800	580.3727	579.3017	1.0711	0	5	1.3e+003	1	GAAPSK
✓	873	626.6000	1876.7782	1874.9250	1.8532	1	5	1.3e+003	1	AGELRWLQDWIMWR + Oxidation (M)
✓	1286	938.2300	5623.3363	5623.6860	-0.3497	2	5	2e+002	1	MENTTILTVKDLVNEGIAVTGASSLFSSAASHSSSESTSTNPKSHPGA
✓	1268	602.9900	3611.8963	3609.9406	1.9557	2	5	7.7e+002	1	LRSLSTEVVAFKPKVSEGVEVLGFSVNTDLGR
✓	298	479.1400	956.2654	954.4771	1.7884	0	4	1.4e+003	1	LSHQVDEK
✓	188	385.7700	769.5254	769.4446	0.0808	1	4	1.4e+003	1	KGAPAAAGK

✓	737	856.2300	1710.4454	1710.8285	-0.3830	1	4	1.2e+003	1	HAEENGASITRELER
✓	732	852.0500	1702.0854	1702.9002	-0.8147	2	4	1.5e+003	1	SNHDYSKETRLILK
✓	165	369.3200	736.6254	737.3708	-0.7454	1	4	1.3e+003	1	DFSGKGK
✓	148	358.6100	715.2054	714.2908	0.9147	0	4	2.4e+003	1	GNWNHMA
✓	1284	852.6600	4258.2636	4257.1497	1.1139	2	4	5.7e+002	1	ATATPPPPKPPPMQARSASGGMPPPSGPPPPSGAGLMKPPTSAPLR + ;
✓	210	806.6000	805.5927	805.3388	0.2539	0	4	2.3e+003	1	VNCEER
✓	39	535.8800	534.8727	535.2754	-0.4027	0	4	1.8e+003	1	AGFNK
✓	179	758.9600	757.9527	756.3476	1.6051	1	4	2.1e+003	1	GMDKYK + Oxidation (M)
✓	81	610.8500	609.8427	609.2871	0.5556	0	4	9.6e+002	1	GGSFSSR
✓	256	882.4400	881.4327	879.4450	1.9877	0	4	1.8e+003	1	GNLGFSGTK
✓	114	660.1600	659.1527	657.3333	1.8194	0	4	2.9e+003	1	IPDDAK
✓	112	329.9700	657.9254	658.3650	-0.4395	0	4	2.3e+003	1	LGGLGDK
✓	156	725.4500	724.4427	723.3044	1.1384	0	3	1.5e+003	1	EICMR + Oxidation (M)
✓	251	876.1100	875.1027	873.4556	1.6472	1	3	2.3e+003	1	AANVDKEK
✓	14	431.9000	430.8927	431.2380	-0.3453	0	3	4.4e+003	1	TAVAA
✓	158	726.5100	725.5027	724.3616	1.1411	0	3	1.5e+003	1	GGDLHAR
✓	318	494.8900	987.7654	988.5342	-0.7687	0	3	2.4e+003	1	VFHITTSK
✓	242	431.3700	860.7254	860.4426	0.2829	1	3	2.3e+003	1	KEPGAMTK
✓	234	848.2700	847.2627	845.3701	1.8926	0	3	2.8e+003	1	VDNPDNR
✓	166	738.3100	737.3027	736.3425	0.9602	1	3	2e+003	1	EMLNKS + Oxidation (M)
✓	152	719.8500	718.8427	717.3810	1.4618	1	3	2.4e+003	1	YTVKHA
✓	226	834.0900	833.0827	833.3953	-0.3126	1	3	2.5e+003	1	AKEMGVEA
✓	29	505.2300	504.2227	502.2500	1.9728	0	3	4.8e+003	1	GDVGR
✓	676	796.8100	1591.6054	1591.6429	-0.0375	0	3	2.1e+003	1	MHPDQDTLADMMR + 2 Oxidation (M)
✓	121	669.6500	668.6427	668.3605	0.2822	0	3	1.2e+003	1	INAHSK
✓	307	972.8200	971.8127	969.6222	2.1905	1	3	2.5e+003	1	GEIAIKIVK
✓	266	453.0100	904.0054	904.5606	-0.5552	0	3	2.6e+003	1	HLAKPLAR
✓	45	552.9100	551.9027	552.3384	-0.4357	0	3	1.8e+003	1	VIGHK
✓	96	626.2400	625.2327	625.2894	-0.0566	0	3	1.6e+003	1	AYMGKK
✓	322	992.2800	991.2727	990.4982	0.7746	1	2	2.6e+003	1	ENVDTKASK
✓	58	572.3600	571.3527	572.2819	-0.9292	0	2	3.3e+003	1	GGHFR
✓	138	697.6700	696.6627	695.3966	1.2661	0	2	1.4e+003	1	HADLIK
✓	190	772.8900	771.8827	772.4668	-0.5840	2	2	3.1e+003	1	GGKRTVR
✓	249	874.6800	873.6727	872.4426	1.2302	0	2	3.9e+003	1	IMIEHSK + Oxidation (M)
✓	85	613.4500	612.4427	611.3391	1.1036	0	2	1.9e+003	1	VPGSPR
✓	123	675.5900	674.5827	675.3374	-0.7547	0	2	4.5e+003	1	GCKPSK
✓	75	594.6400	593.6327	593.3173	0.3154	1	2	2e+003	1	KNYLG
✓	55	571.5100	570.5027	570.3125	0.1902	0	2	2.5e+003	1	HISSE
✓	33	511.7200	510.7127	510.2663	0.4465	0	2	1.3e+003	1	AAGHR
✓	116	661.2800	660.2727	660.3013	-0.0286	0	1	5.6e+003	1	GPTCAR
✓	38	529.3200	528.3127	528.2908	0.0220	0	1	3.8e+003	1	GIDPK
✓	86	615.0900	614.0827	613.3184	0.7644	0	1	3.1e+003	1	SPSPAR
✓	129	680.6900	679.6827	678.3701	1.3126	0	1	2.7e+003	1	GGFITGK
✓	43	544.0400	543.0327	543.3017	-0.2689	0	1	3.1e+003	1	QANIV
✓	100	638.5800	637.5727	638.4115	-0.8388	0	0	2.6e+003	1	IPGKPK
✓	1	310.2000	309.1927							
✓	2	324.7200	323.7127							
✓	3	353.5900	352.5827							
✓	4	355.1600	354.1527							
✓	5	359.9100	358.9027							
✓	6	360.8200	359.8127							
✓	7	362.8600	361.8527							
✓	8	376.8600	375.8527							
✓	9	397.6900	396.6827							
✓	10	400.4600	399.4527							
✓	11	422.0900	421.0827							
✓	12	430.0000	428.9927							
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✓	15	432.2600	431.2527							
✓	16	434.9800	433.9727							
✓	17	436.8900	435.8827							
✓	18	442.8000	441.7927							
✓	19	449.6600	448.6527							
✓	20	462.4600	461.4527							
✓	21	469.0600	468.0527							
✓	22	479.4900	478.4827							
✓	24	494.8500	493.8427							
✓	25	494.8800	493.8727							
✓	26	496.2900	495.2827							
✓	28	505.0500	504.0427							
✓	30	508.6300	507.6227							
✓	31	511.6400	510.6327							
✓	32	511.6700	510.6627							
✓	37	528.3300	527.3227							
✓	40	536.6100	535.6027							
✓	41	537.4300	536.4227							
✓	42	540.1300	539.1227							
✓	47	553.9000	552.8927							
✓	50	562.9900	561.9827							
✓	56	571.5200	570.5127							
✓	59	576.9700	575.9627							

<input checked="" type="checkbox"/>	60	579.9400	578.9327
<input checked="" type="checkbox"/>	62	582.1100	581.1027
<input checked="" type="checkbox"/>	64	582.3100	581.3027
<input checked="" type="checkbox"/>	65	584.3800	583.3727
<input checked="" type="checkbox"/>	70	589.2900	588.2827
<input checked="" type="checkbox"/>	71	590.1600	589.1527
<input checked="" type="checkbox"/>	72	591.8800	590.8727
<input checked="" type="checkbox"/>	73	592.2000	591.1927
<input checked="" type="checkbox"/>	74	594.5300	593.5227
<input checked="" type="checkbox"/>	76	596.2000	595.1927
<input checked="" type="checkbox"/>	77	597.1600	596.1527
<input checked="" type="checkbox"/>	82	610.9200	609.9127
<input checked="" type="checkbox"/>	83	612.4000	611.3927
<input checked="" type="checkbox"/>	88	618.2400	617.2327
<input checked="" type="checkbox"/>	90	620.8300	619.8227
<input checked="" type="checkbox"/>	92	621.2200	620.2127
<input checked="" type="checkbox"/>	93	622.6800	621.6727
<input checked="" type="checkbox"/>	99	637.6800	636.6727
<input checked="" type="checkbox"/>	101	638.6600	637.6527
<input checked="" type="checkbox"/>	104	645.7500	644.7427
<input checked="" type="checkbox"/>	110	655.8700	654.8627
<input checked="" type="checkbox"/>	120	668.3900	667.3827
<input checked="" type="checkbox"/>	124	675.7900	674.7827
<input checked="" type="checkbox"/>	125	676.1400	675.1327
<input checked="" type="checkbox"/>	127	677.9600	676.9527
<input checked="" type="checkbox"/>	134	692.5100	691.5027
<input checked="" type="checkbox"/>	135	692.6800	691.6727
<input checked="" type="checkbox"/>	137	697.1700	696.1627
<input checked="" type="checkbox"/>	139	700.5000	699.4927
<input checked="" type="checkbox"/>	142	705.8100	704.8027
<input checked="" type="checkbox"/>	144	706.7100	705.7027
<input checked="" type="checkbox"/>	145	707.6600	706.6527
<input checked="" type="checkbox"/>	146	711.5300	710.5227
<input checked="" type="checkbox"/>	153	721.6100	720.6027
<input checked="" type="checkbox"/>	157	725.5500	724.5427
<input checked="" type="checkbox"/>	167	741.5600	740.5527
<input checked="" type="checkbox"/>	183	764.6500	763.6427
<input checked="" type="checkbox"/>	189	771.9900	770.9827
<input checked="" type="checkbox"/>	196	786.7600	785.7527
<input checked="" type="checkbox"/>	203	789.2700	788.2627
<input checked="" type="checkbox"/>	204	792.1000	791.0927
<input checked="" type="checkbox"/>	207	801.3900	800.3827
<input checked="" type="checkbox"/>	211	810.8000	809.7927
<input checked="" type="checkbox"/>	215	818.3300	817.3227
<input checked="" type="checkbox"/>	219	826.2500	825.2427
<input checked="" type="checkbox"/>	220	829.6600	828.6527
<input checked="" type="checkbox"/>	222	832.0100	831.0027
<input checked="" type="checkbox"/>	223	832.0600	831.0527
<input checked="" type="checkbox"/>	225	833.6000	832.5927
<input checked="" type="checkbox"/>	236	850.5200	849.5127
<input checked="" type="checkbox"/>	273	914.4000	913.3927
<input checked="" type="checkbox"/>	277	921.4700	920.4627
<input checked="" type="checkbox"/>	278	921.5200	920.5127

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 : ± 1.2 Da (# ^{13}C = 1)
 Fragment Mass Tolerance : ± 0.5 Da
 Max Missed Cleavages : 2
 Instrument type : ESI-TRAP
 Number of queries : 1286

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