

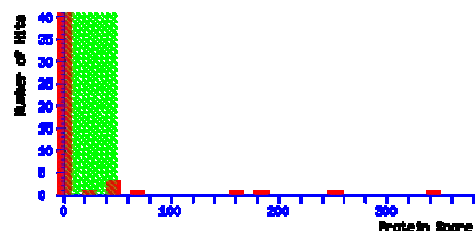


Mascot Search Results

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 13:04:47 GMT
Protein hits :
[2::IGG1 HUMAN](#) Immunoglobulin gamma-1 heavy chain OS=Homo sapiens OX=9606 PE=1 SV=2
[2::IGHG3 HUMAN](#) Immunoglobulin heavy constant gamma 3 OS=Homo sapiens OX=9606 GN=IGHG3 PE=1 SV=2
[2::IGHG4 HUMAN](#) Immunoglobulin heavy constant gamma 4 OS=Homo sapiens OX=9606 GN=IGHG4 PE=1 SV=1
[2::IGHG2 HUMAN](#) Immunoglobulin heavy constant gamma 2 OS=Homo sapiens OX=9606 GN=IGHG2 PE=1 SV=2
[2::IGLC2 HUMAN](#) Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1
[2::HV311 HUMAN](#) Immunoglobulin heavy variable 3-11 OS=Homo sapiens OX=9606 GN=IGHV3-11 PE=1 SV=2
[2::HV05 CARAU](#) Ig heavy chain V region 5A OS=Carassius auratus OX=7957 PE=4 SV=1
[2::IGKC HUMAN](#) Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
[2::HVC05 HUMAN](#) Immunoglobulin heavy variable 3-30-5 OS=Homo sapiens OX=9606 GN=IGHV3-30-5 PE=3 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 $p < 0.05$ 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::IGG1 HUMAN](#) Mass: 49925 Score: 343 Matches: 33(8) Sequences: 10(5) emPAI: 0.67
Immunoglobulin gamma-1 heavy chain OS=Homo sapiens OX=9606 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"/> 469	581.9500	1161.8854	1160.6223	1.2631	0	(81)	3.4e-005	1		K.NQVSLTCLVK.G
470	581.9500	1161.8854	1160.6223	1.2631	0	(15)	1.2e+002	8		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 471	581.9600	1161.9054	1160.6223	1.2831	0	86	1.1e-005	1		K.NQVSLTCLVK.G
472	581.9700	1161.9254	1160.6223	1.3031	0	(15)	1.4e+002	5		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 473	581.9700	1161.9254	1160.6223	1.3031	0	(63)	0.0023	1		K.NQVSLTCLVK.G
474	581.9800	1161.9454	1160.6223	1.3231	0	(10)	3.8e+002	3		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 475	581.9800	1161.9454	1160.6223	1.3231	0	(39)	0.52	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 476	581.9900	1161.9654	1160.6223	1.3431	0	(32)	2.8	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 495	594.2700	1186.5254	1185.6394	0.8861	0	58	0.0087	1	U	K.GPSVFPLAPSSK.S
496	594.2800	1186.5454	1185.6394	0.9061	0	(6)	1.3e+003	10	U	K.GPSVFPLAPSSK.S
587	643.7700	1285.5254	1285.6666	-0.1412	0	12	3.1e+002	2		R.EPQVYTLPPSR.D
<input checked="" type="checkbox"/> 639	661.2600	1320.5054	1320.6708	-0.1653	0	107	8.8e-008	1		K.STSGGTAALGCLVK.D
<input checked="" type="checkbox"/> 640	661.2700	1320.5254	1320.6708	-0.1453	0	(89)	6.2e-006	1		K.STSGGTAALGCLVK.D
<input checked="" type="checkbox"/> 814	839.3500	1676.6854	1676.7947	-0.1093	0	72	0.00028	1	U	K.FNWWVDGVEVHNAK.T
<input checked="" type="checkbox"/> 815	839.3800	1676.7454	1676.7947	-0.0493	0	(41)	0.33	1	U	K.FNWWVDGVEVHNAK.T
<input checked="" type="checkbox"/> 893	904.9500	1807.8854	1806.9992	0.8862	0	43	0.21	1		R.VVSVLTVLHQDWLNGK.E
894	904.9700	1807.9254	1806.9992	0.9262	0	(12)	3e+002	3		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/> 896	603.9600	1808.8582	1806.9992	1.8589	0	(17)	89	1		R.VVSVLTVLHQDWLNGK.E
898	603.9700	1808.8882	1806.9992	1.8889	0	(10)	4.6e+002	8		R.VVSVLTVLHQDWLNGK.E
899	603.9800	1808.9182	1806.9992	1.9189	0	(13)	2.1e+002	5		R.VVSVLTVLHQDWLNGK.E
938	624.9400	1871.7982	1871.9629	-0.1647	1	15	1.4e+002	2	U	R.EPQVYTLPPSRDELTK.N
<input checked="" type="checkbox"/> 939	625.2500	1872.7282	1872.9146	-0.1864	0	(28)	6	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/> 940	937.3800	1872.7454	1872.9146	-0.1691	0	(26)	8.6	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/> 941	625.2600	1872.7582	1872.9146	-0.1564	0	48	0.055	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/> 942	937.4400	1872.8654	1872.9146	-0.0491	0	(35)	2.8	1	U	K.TTPPVLDSDGSFFLYSK.L
1071	713.6000	2137.7782	2138.0202	-0.2420	0	(9)	3.5e+002	9	U	R.TPEVTCVVVDVSHEDPEVK.F
<input checked="" type="checkbox"/> 1072	713.6100	2137.8082	2138.0202	-0.2120	0	43	0.17	1	U	R.TPEVTCVVVDVSHEDPEVK.F
<input checked="" type="checkbox"/> 1073	713.6100	2137.8082	2138.0202	-0.2120	0	(20)	28	1	U	R.TPEVTCVVVDVSHEDPEVK.F
1075	714.2800	2139.8182	2138.0202	1.7980	0	(7)	5.9e+002	10	U	R.TPEVTCVVVDVSHEDPEVK.F
<input checked="" type="checkbox"/> 1260	711.8000	2843.1709	2843.4503	-0.2794	0	(21)	19	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/> 1261	711.8100	2843.2109	2843.4503	-0.2394	0	(15)	95	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/> 1262	711.8100	2843.2109	2843.4503	-0.2394	0	26	6.5	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
1263	711.9900	2843.9309	2843.4503	0.4806	0	(7)	4.7e+002	8	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D

Proteins matching the same set of peptides:

2::IGHG1_HUMAN Mass: 36596 Score: 343 Matches: 33(8) Sequences: 10(5)
Immunoglobulin heavy constant gamma 1 OS=Homo sapiens OX=9606 GN=IGHG1 PE=1 SV=1

2. 2::IGHG3_HUMAN Mass: 42287 Score: 252 Matches: 23(5) Sequences: 6(2) emPAI: 0.35
Immunoglobulin heavy constant gamma 3 OS=Homo sapiens OX=9606 GN=IGHG3 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
469	581.9500	1161.8854	1160.6223	1.2631	0	(81)	3.4e-005	1		K.NQVSLTCLVK.G
470	581.9500	1161.8854	1160.6223	1.2631	0	(15)	1.2e+002	8		K.NQVSLTCLVK.G
471	581.9600	1161.9054	1160.6223	1.2831	0	86	1.1e-005	1		K.NQVSLTCLVK.G
472	581.9700	1161.9254	1160.6223	1.3031	0	(15)	1.4e+002	5		K.NQVSLTCLVK.G
473	581.9700	1161.9254	1160.6223	1.3031	0	(63)	0.0023	1		K.NQVSLTCLVK.G
474	581.9800	1161.9454	1160.6223	1.3231	0	(10)	3.8e+002	3		K.NQVSLTCLVK.G
475	581.9800	1161.9454	1160.6223	1.3231	0	(39)	0.52	1		K.NQVSLTCLVK.G
476	581.9900	1161.9654	1160.6223	1.3431	0	(32)	2.8	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/> 583	643.7400	1285.4654	1286.6442	-1.1787	0	(27)	9.7	1		K.GPSVFPLAPCSR.S
585	643.7500	1285.4854	1286.6442	-1.1587	0	(10)	4.1e+002	3		K.GPSVFPLAPCSR.S
587	643.7700	1285.5254	1285.6666	-0.1412	0	12	3.1e+002	2		R.EPQVYTLPPSR.E
<input checked="" type="checkbox"/> 588	644.2500	1286.4854	1286.6442	-0.1587	0	(33)	2.4	1		K.GPSVFPLAPCSR.S
<input checked="" type="checkbox"/> 590	644.2600	1286.5054	1286.6442	-0.1387	0	44	0.19	1		K.GPSVFPLAPCSR.S
639	661.2600	1320.5054	1320.6708	-0.1653	0	107	8.8e-008	1		R.STSGGTAALGCLVK.D
640	661.2700	1320.5254	1320.6708	-0.1453	0	(89)	6.2e-006	1		R.STSGGTAALGCLVK.D
893	904.9500	1807.8854	1806.9992	0.8862	0	43	0.21	1		R.VVSVLTVLHQDWLNGK.E
894	904.9700	1807.9254	1806.9992	0.9262	0	(12)	3e+002	3		R.VVSVLTVLHQDWLNGK.E
896	603.9600	1808.8582	1806.9992	1.8589	0	(17)	89	1		R.VVSVLTVLHQDWLNGK.E
898	603.9700	1808.8882	1806.9992	1.8889	0	(10)	4.6e+002	8		R.VVSVLTVLHQDWLNGK.E
899	603.9800	1808.9182	1806.9992	1.9189	0	(13)	2.1e+002	5		R.VVSVLTVLHQDWLNGK.E
966	635.5400	1903.5982	1903.9349	-0.3368	1	(12)	2.1e+002	5		R.EPQVYTLPPSREEMTK.N
<input checked="" type="checkbox"/> 967	635.5600	1903.6582	1903.9349	-0.2768	1	(15)	1.1e+002	1		R.EPQVYTLPPSREEMTK.N
<input checked="" type="checkbox"/> 986	640.8900	1919.6482	1919.9299	-0.2817	1	15	1.1e+002	1		R.EPQVYTLPPSREEMTK.N + Oxidation (M)

3. 2::IGHG4_HUMAN Mass: 36431 Score: 178 Matches: 21(5) Sequences: 5(2) emPAI: 0.42
Immunoglobulin heavy constant gamma 4 OS=Homo sapiens OX=9606 GN=IGHG4 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
351	481.1300	960.2454	959.5400	0.7055	2	8	6.9e+002	5	U	K.VDKRVESK.Y
469	581.9500	1161.8854	1160.6223	1.2631	0	(81)	3.4e-005	1		K.NQVSLTCLVK.G
470	581.9500	1161.8854	1160.6223	1.2631	0	(15)	1.2e+002	8		K.NQVSLTCLVK.G
471	581.9600	1161.9054	1160.6223	1.2831	0	86	1.1e-005	1		K.NQVSLTCLVK.G
472	581.9700	1161.9254	1160.6223	1.3031	0	(15)	1.4e+002	5		K.NQVSLTCLVK.G
473	581.9700	1161.9254	1160.6223	1.3031	0	(63)	0.0023	1		K.NQVSLTCLVK.G
474	581.9800	1161.9454	1160.6223	1.3231	0	(10)	3.8e+002	3		K.NQVSLTCLVK.G
475	581.9800	1161.9454	1160.6223	1.3231	0	(39)	0.52	1		K.NQVSLTCLVK.G
476	581.9900	1161.9654	1160.6223	1.3431	0	(32)	2.8	1		K.NQVSLTCLVK.G
583	643.7400	1285.4654	1286.6442	-1.1787	0	(27)	9.7	1		K.GPSVFPLAPCSR.S
585	643.7500	1285.4854	1286.6442	-1.1587	0	(10)	4.1e+002	3		K.GPSVFPLAPCSR.S
588	644.2500	1286.4854	1286.6442	-0.1587	0	(33)	2.4	1		K.GPSVFPLAPCSR.S
590	644.2600	1286.5054	1286.6442	-0.1387	0	44	0.19	1		K.GPSVFPLAPCSR.S
<input checked="" type="checkbox"/> 713	712.2700	1422.5254	1422.7024	-0.1770	0	(58)	0.0069	1		R.STSESTAALGCLVK.D
<input checked="" type="checkbox"/> 714	712.2800	1422.5454	1422.7024	-0.1570	0	66	0.0011	1		R.STSESTAALGCLVK.D
<input checked="" type="checkbox"/> 715	712.3000	1422.5854	1422.7024	-0.1170	0	(32)	3.1	1		R.STSESTAALGCLVK.D
893	904.9500	1807.8854	1806.9992	0.8862	0	43	0.21	1		R.VVSVLTVLHQDWLNGK.E
894	904.9700	1807.9254	1806.9992	0.9262	0	(12)	3e+002	3		R.VVSVLTVLHQDWLNGK.E
896	603.9600	1808.8582	1806.9992	1.8589	0	(17)	89	1		R.VVSVLTVLHQDWLNGK.E
898	603.9700	1808.8882	1806.9992	1.8889	0	(10)	4.6e+002	8		R.VVSVLTVLHQDWLNGK.E
899	603.9800	1808.9182	1806.9992	1.9189	0	(13)	2.1e+002	5		R.VVSVLTVLHQDWLNGK.E

4. 2::IGHG2_HUMAN Mass: 36505 Score: 164 Matches: 26(5) Sequences: 8(2) emPAI: 0.42
Immunoglobulin heavy constant gamma 2 OS=Homo sapiens OX=9606 GN=IGHG2 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
469	581.9500	1161.8854	1160.6223	1.2631	0	(81)	3.4e-005	1		K.NQVSLTCLVK.G
470	581.9500	1161.8854	1160.6223	1.2631	0	(15)	1.2e+002	8		K.NQVSLTCLVK.G
471	581.9600	1161.9054	1160.6223	1.2831	0	86	1.1e-005	1		K.NQVSLTCLVK.G
472	581.9700	1161.9254	1160.6223	1.3031	0	(15)	1.4e+002	5		K.NQVSLTCLVK.G
473	581.9700	1161.9254	1160.6223	1.3031	0	(63)	0.0023	1		K.NQVSLTCLVK.G
474	581.9800	1161.9454	1160.6223	1.3231	0	(10)	3.8e+002	3		K.NQVSLTCLVK.G
475	581.9800	1161.9454	1160.6223	1.3231	0	(39)	0.52	1		K.NQVSLTCLVK.G
476	581.9900	1161.9654	1160.6223	1.3431	0	(32)	2.8	1		K.NQVSLTCLVK.G
583	643.7400	1285.4654	1286.6442	-1.1787	0	(27)	9.7	1		K.GPSVFPLAPCSR.S
585	643.7500	1285.4854	1286.6442	-1.1587	0	(10)	4.1e+002	3		K.GPSVFPLAPCSR.S
587	643.7700	1285.5254	1285.6666	-0.1412	0	12	3.1e+002	2		R.EPQVYTLPPSR.E
588	644.2500	1286.4854	1286.6442	-0.1587	0	(33)	2.4	1		K.GPSVFPLAPCSR.S
590	644.2600	1286.5054	1286.6442	-0.1387	0	44	0.19	1		K.GPSVFPLAPCSR.S
713	712.2700	1422.5254	1422.7024	-0.1770	0	(58)	0.0069	1		R.STSESTAALGCLVK.D
714	712.2800	1422.5454	1422.7024	-0.1570	0	66	0.0011	1		R.STSESTAALGCLVK.D
715	712.3000	1422.5854	1422.7024	-0.1170	0	(32)	3.1	1		R.STSESTAALGCLVK.D
<input checked="" type="checkbox"/> 877	897.9400	1793.8654	1792.9836	0.8819	0	33	2	1	U	R.VVSVLTVVHQDWLNGK.E
<input checked="" type="checkbox"/> 878	897.9900	1793.9654	1792.9836	0.9819	0	(21)	33	1	U	R.VVSVLTVVHQDWLNGK.E
<input checked="" type="checkbox"/> 881	898.4500	1794.8854	1792.9836	1.9019	0	(22)	26	1	U	R.VVSVLTVVHQDWLNGK.E
886	599.3600	1795.0582	1792.9836	2.0746	0	(13)	2.2e+002	2	U	R.VVSVLTVVHQDWLNGK.E
966	635.5400	1903.5982	1903.9349	-0.3368	1	(12)	2.1e+002	5		R.EPQVYTLPPSREEMTK.N
967	635.5600	1903.6582	1903.9349	-0.2768	1	(15)	1.1e+002	1		R.EPQVYTLPPSREEMTK.N

969	635.8900	1904.6482	1904.8866	-0.2385	0	(8)	4.9e+002	2	U	K.TTPPMLSDSGSFFLYSK.L	
970	635.9000	1904.6782	1904.8866	-0.2085	0	11	2.6e+002	2	U	K.TTPPMLSDSGSFFLYSK.L	
986	640.8900	1919.6482	1919.9299	-0.2817	1	15	1.1e+002	1		R.EPQVYTLPPSREEMTK.N + Oxidation (M)	
<input checked="" type="checkbox"/> 1293	759.8100	3035.2109	3035.4894	-0.2785	1	19		31	1	U	R.KCCVECPCPAPFVAGPSVFLFPKPK.D

5. [2::IGLC2_HUMAN](#) Mass: 11458 Score: 73 Matches: 4(1) Sequences: 2(1) emPAI: 0.30
Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 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"/> 370	496.3600	990.7054	989.5029	1.2025	0	31	4.2	1	U	K.AGVETTTPSK.Q
<input checked="" type="checkbox"/> 1111	737.6700	2209.9882	2210.1446	-0.1564	0	66	0.00083	1	U	K.ATLVCLISDFYPGAVTVAWK.A
<input checked="" type="checkbox"/> 1112	737.6700	2209.9882	2210.1446	-0.1564	0	(43)	0.18	1	U	K.ATLVCLISDFYPGAVTVAWK.A
<input checked="" type="checkbox"/> 1113	738.0100	2211.0082	2210.1446	0.8636	0	(36)	1	1	U	K.ATLVCLISDFYPGAVTVAWK.A

Proteins matching the same set of peptides:

[2::IGLC3_HUMAN](#) Mass: 11430 Score: 73 Matches: 4(1) Sequences: 2(1)
Immunoglobulin lambda constant 3 OS=Homo sapiens OX=9606 GN=IGLC3 PE=1 SV=1

6. [2::HV311_HUMAN](#) Mass: 13071 Score: 55 Matches: 5(1) Sequences: 3(1) emPAI: 0.26
Immunoglobulin heavy variable 3-11 OS=Homo sapiens OX=9606 GN=IGHV3-11 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"/> 632	659.6800	1317.3454	1317.5659	-0.2205	0	55	0.014	1		R.AEDTAVYYCAR.-
<input checked="" type="checkbox"/> 633	659.7100	1317.4054	1317.5659	-0.1605	0	(39)	0.49	1		R.AEDTAVYYCAR.-
<input checked="" type="checkbox"/> 637	660.7000	1319.3854	1317.5659	1.8195	0	(14)	1.8e+002	1		R.AEDTAVYYCAR.-
<input checked="" type="checkbox"/> 655	669.7700	1337.5254	1337.6761	-0.1507	0	27	8.9	1	U	K.NSLYLQMNLSLR.A
<input checked="" type="checkbox"/> 1153	759.9900	2276.9482	2276.9871	-0.0389	0	10	3.1e+002	1	U	R.LSCAASGFTFSDYMSWIR.Q + Oxidation (M)

7. [2::HV05_CARAU](#) Mass: 12970 Score: 55 Matches: 5(1) Sequences: 2(1) emPAI: 0.26
Ig heavy chain V region 5A OS=Carassius auratus OX=7957 PE=4 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
632	659.6800	1317.3454	1317.5659	-0.2205	0	55	0.014	1		R.AEDTAVYYCAR.-
633	659.7100	1317.4054	1317.5659	-0.1605	0	(39)	0.49	1		R.AEDTAVYYCAR.-
637	660.7000	1319.3854	1317.5659	1.8195	0	(14)	1.8e+002	1		R.AEDTAVYYCAR.-
<input checked="" type="checkbox"/> 670	676.7800	1351.5454	1351.6918	-0.1463	0	22	25	1		K.NTLYLQMNLSLR.A
<input checked="" type="checkbox"/> 671	677.2800	1352.5454	1351.6918	0.8537	0	(14)	1.6e+002	1		K.NTLYLQMNLSLR.A

Proteins matching the same set of peptides:

[2::HVC33_HUMAN](#) Mass: 13152 Score: 55 Matches: 5(1) Sequences: 2(1)
Immunoglobulin heavy variable 3-30-3 OS=Homo sapiens OX=9606 GN=IGHV3-30-3 PE=1 SV=1
[2::HV333_HUMAN](#) Mass: 13237 Score: 55 Matches: 5(1) Sequences: 2(1)
Immunoglobulin heavy variable 3-33 OS=Homo sapiens OX=9606 GN=IGHV3-33 PE=1 SV=2
[2::HV353_HUMAN](#) Mass: 12932 Score: 55 Matches: 5(1) Sequences: 2(1)
Immunoglobulin heavy variable 3-53 OS=Homo sapiens OX=9606 GN=IGHV3-53 PE=1 SV=2
[2::HV366_HUMAN](#) Mass: 12918 Score: 55 Matches: 5(1) Sequences: 2(1)
Immunoglobulin heavy variable 3-66 OS=Homo sapiens OX=9606 GN=IGHV3-66 PE=3 SV=1
[2::HV374_HUMAN](#) Mass: 13002 Score: 55 Matches: 5(1) Sequences: 2(1)
Immunoglobulin heavy variable 3-74 OS=Homo sapiens OX=9606 GN=IGHV3-74 PE=3 SV=1

8. [2::IGKC_HUMAN](#) Mass: 11929 Score: 47 Matches: 3(0) Sequences: 2(0) emPAI: 0.29
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"/> 763	751.8200	1501.6254	1501.7512	-0.1257	0	11	3.8e+002	1	U	K.DSTYSLSTLTLSK.A
<input checked="" type="checkbox"/> 943	625.9000	1874.6782	1874.9197	-0.2415	0	47	0.074	1	U	K.VYACEVTHQGLSSPVT.K.S
<input checked="" type="checkbox"/> 944	625.9000	1874.6782	1874.9197	-0.2415	0	(19)	46	1	U	K.VYACEVTHQGLSSPVT.K.S

Proteins matching the same set of peptides:

[2::IGK_HUMAN](#) Mass: 23650 Score: 47 Matches: 3(0) Sequences: 2(0)
Immunoglobulin kappa light chain OS=Homo sapiens OX=9606 PE=1 SV=1

9. [2::HVC05_HUMAN](#) Mass: 13110 Score: 32 Matches: 4(0) Sequences: 2(0) emPAI: 0.26
Immunoglobulin heavy variable 3-30-5 OS=Homo sapiens OX=9606 GN=IGHV3-30-5 PE=3 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
595	645.6500	1289.2854	1289.5598	-0.2743	0	(14)	1.6e+002	2	U	R.AEDTAVYYCAK.-
<input checked="" type="checkbox"/> 597	645.6800	1289.3454	1289.5598	-0.2143	0	32	2.3	1	U	R.AEDTAVYYCAK.-
670	676.7800	1351.5454	1351.6918	-0.1463	0	22	25	1		K.NTLYLQMNLSLR.A
671	677.2800	1352.5454	1351.6918	0.8537	0	(14)	1.6e+002	1		K.NTLYLQMNLSLR.A

Proteins matching the same set of peptides:

[2::HV323_HUMAN](#) Mass: 12745 Score: 32 Matches: 4(0) Sequences: 2(0)
Immunoglobulin heavy variable 3-23 OS=Homo sapiens OX=9606 GN=IGHV3-23 PE=1 SV=2
[2::HV330_HUMAN](#) Mass: 13110 Score: 32 Matches: 4(0) Sequences: 2(0)
Immunoglobulin heavy variable 3-30 OS=Homo sapiens OX=9606 GN=IGHV3-30 PE=1 SV=2

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
✓ 952	628.2800	1881.8182	1881.0320	0.7862	1	33	2.1	1		EVKLVESSGGGLVQPGGSLR
✓ 623	657.2400	1312.4654	1312.7714	-0.3060	1	26	9.5	1		ELVSLNNKGVK
✓ 772	764.1800	3052.6909	3051.3810	1.3099	1	26	23	1		CIADVLECPMLEKGGSDAMEFIAQSHK + Oxidation (M)
✓ 984	640.5900	1918.7482	1919.0411	-0.2929	2	26	9	1		VAALVYVGIGKIRMDNGAR + Oxidation (M)
✓ 1136	1124.4900	3370.4482	3371.5550	-1.1069	2	26	18	1		VHTGEKPYECQYCEYKSADSSNLKTHIK
✓ 905	605.9500	1814.8282	1812.9080	1.9202	1	26	11	1		MTFSSAEKAAIASLWGK + Oxidation (M)
✓ 470	581.9500	1161.8854	1161.6982	0.1872	1	26	11	1		SGVVLHRAVPK
✓ 492	592.7800	1183.5454	1182.6397	0.9058	2	25	15	1		KNLEKNFYK
✓ 884	599.3500	1795.0282	1794.0839	0.9442	2	25	13	1		VVVSLEERLVGRVLAR
✓ 616	652.4300	1954.2682	1955.0734	-0.8053	2	25	38	1		SPGVSMELNRLSRIAGLR
✓ 819	560.9300	1679.7682	1677.8012	1.9670	1	24	18	1		FGGEGSSGFRHYHIK
✓ 889	599.6800	1796.0182	1796.9210	-0.9028	0	23	21	1		SNMILSHLETPTPFR
✓ 692	688.3300	2061.9682	2062.0484	-0.0802	1	23	63	1		GNDQVRFVGVGFASLAPDLK
✓ 901	604.2800	1809.8182	1809.9162	-0.0980	1	23	22	1		EAMDALEPVRWPVSR
✓ 1190	593.1900	2368.7309	2369.2876	-0.5567	0	23	15	1		DIDAIATVSGPGLIGLLVGVMSAK + Oxidation (M)
✓ 961	633.2600	1896.7582	1896.0370	0.7212	1	23	20	1		DPLLVAGNVGRNHLK
✓ 934	620.8000	1859.3782	1857.9778	1.4004	2	23	19	1		AAAIACGASMRKFPVR + Oxidation (M)
✓ 96	306.2900	1221.1309	1221.6275	-0.4966	0	22	64	1		ETISSINMALK + Oxidation (M)
✓ 179	353.2700	1409.0509	1408.8150	0.2359	1	22	1e+002	1		LNIIIPDGGVSR
✓ 1171	768.5400	2302.5982	2301.1497	1.4485	1	22	20	1		DCVHIMKLELFPDQATQLK + Oxidation (M)
✓ 465	579.4200	1735.2382	1735.8273	-0.5892	0	21	78	1		LADYVDMGPGAGVMGGK
✓ 385	512.6000	2046.3709	2046.0793	0.2916	2	21	83	1		NGEVMIVDGTGRVLGR
✓ 1123	558.8300	2231.2909	2231.9906	-0.6997	1	21	28	1		GSKQDEGDYFGPFANAGAVMR + Oxidation (M)
✓ 299	428.4000	1709.5709	1707.9771	1.5938	1	21	79	1		DVPSLSKDLGVGAIFK
✓ 949	627.9200	1880.7382	1881.0757	-0.3376	1	21	30	1		MLAGVNILADAVKATLGP
✓ 459	575.0400	1148.0654	1148.6414	-0.5760	0	21	35	1		GIQAGQHLGIR
✓ 1192	594.5800	2374.2909	2375.0681	-0.7772	0	21	31	1		YYLNQGPYFYVGVNDNFM + Oxidation (M)
✓ 338	462.4800	1845.8909	1845.8688	0.0221	1	21	1e+002	1		FLGSCCTVAFAGLRCK
✓ 182	354.0000	705.9854	706.3650	-0.3795	1	21	37	1		KVDQAF
✓ 966	635.5400	1903.5982	1901.9053	1.6928	1	21	28	1		NASELASAMEARGYHPAK
✓ 1002	654.6300	1960.8682	1959.0207	1.8475	1	20	36	1		AAAIGAGTAGVAGAAGAMAASKAK + Oxidation (M)
✓ 796	804.8800	2411.6182	2412.2156	-0.5975	1	20	88	1		IMLDVLKGEAHFPPPLWMMR + 2 Oxidation (M)
✓ 886	599.3600	1795.0582	1794.0516	1.0066	1	20	38	1		VVWKQGVQSLILAPTR
✓ 260	397.8500	793.6854	793.3462	0.3392	0	20	36	1		ASCPMTK
✓ 1214	627.9700	2507.8509	2507.2617	0.5892	2	20	27	1		IPDEMEVKIEEKIESGYFPVR
✓ 517	607.0100	1212.0054	1212.6139	-0.6084	1	20	1.1e+002	1		VAYYEREVGK
✓ 838	852.9600	2555.8582	2557.0441	-1.1859	0	20	1e+002	1		GQQMVEEVDSVIASCSEMDMK + 3 Oxidation (M)
✓ 721	477.8700	1430.5882	1429.6950	0.8932	0	20	50	1		EARPGSDYAHSLK
✓ 406	530.3000	1587.8782	1587.7219	0.1563	1	20	1.6e+002	1		EPWRHHSYFSDK
✓ 1290	602.1100	3005.5136	3004.4488	1.0648	2	20	32	1		REFFADEEMSKGLITSQNPPTSIIK + Oxidation (M)
✓ 915	918.8000	2753.3782	2752.3638	1.0144	2	20	91	1		MFYFSTHSLDLKKMSTTIQAIK + 2 Oxidation (M)
✓ 538	617.3800	1232.7454	1231.5622	1.1833	1	20	59	1		DEFSRFFER
✓ 854	578.1400	1731.3982	1730.7846	0.6135	0	19	40	1		ADSIEEIVEVVEGDNN
✓ 895	904.9800	1807.9454	1807.8258	0.1196	0	19	1e+002	1		DSVCINSSSAEVQLDGK
✓ 1037	673.7300	2018.1682	2017.0150	1.1532	1	19	45	1		ALVESNGDIELAIENMRK + Oxidation (M)
✓ 120	317.1400	632.2654	633.3082	-1.0427	0	19	94	1		SATAER
✓ 141	661.2200	660.2127	661.3217	-1.1090	0	19	93	1		TGTPMR
✓ 642	662.7600	1323.5054	1321.7466	1.7588	1	19	50	1		EPIRVTLNAPGR
✓ 1114	738.2800	2211.8182	2210.0967	1.7214	0	19	37	1		LGEHNIDVLEGNEQFINAAK
✓ 191	359.1500	1074.4282	1075.5696	-1.1414	1	19	2.2e+002	1		MTKVITDPR + Oxidation (M)
✓ 286	422.9800	843.9454	842.4134	1.5321	0	19	68	1		EEVDVPR
✓ 1128	745.6300	2233.8682	2232.1824	1.6858	0	19	42	1		VGLECAQGLYGKIPDLTLGK
✓ 1045	679.8900	2036.6482	2035.9197	0.7285	0	19	41	1		FFESFGDLSSADAISNAK
✓ 1238	655.2300	2616.8909	2617.2855	-0.3946	2	19	36	1		AGMPYVATRWLGMLTNYPTMKK + 2 Oxidation (M)
✓ 1240	657.2800	2625.0909	2625.4166	-0.3257	1	19	39	1		ELSAIQHPPEVADQPPFKLVSPK
✓ 290	424.0900	846.1654	844.4879	1.6776	1	19	70	1		TIAQTRR
✓ 575	639.8500	2555.3709	2553.2302	2.1407	1	19	1.6e+002	1		CLLSLQQIESMTEAESSVKEK + Oxidation (M)
✓ 807	824.5600	3294.2109	3293.8486	0.3623	1	18	1.2e+002	1		LHGVLDVYIGILITGESGIGKSETALELIK
✓ 719	477.5700	1429.6882	1427.6458	2.0423	0	18	73	1		STEGAASMIMGVMK + Oxidation (M)
✓ 500	598.3200	1194.6254	1195.5366	-0.9111	0	18	1.9e+002	1		EQTWMITCK
✓ 918	613.4100	1837.2082	1835.8644	1.3437	1	18	50	1		MIMEDLNIEKEQAEK + Oxidation (M)
✓ 415	537.2200	2144.8509	2143.1888	1.6621	2	18	1.9e+002	1		ELTGIVWELVSNSEAKKIK
✓ 540	617.9200	1233.8254	1234.6631	-0.8377	0	18	70	1		MDPVALYLGLK + Oxidation (M)
✓ 1223	637.7000	2546.7709	2545.2246	1.5463	2	18	40	1		CWMADPKSRPGFELVERFK + Oxidation (M)
✓ 1090	721.3200	2160.9382	2161.1168	-0.1786	0	18	56	1		VFENQGVGLVETFFPGLGGVR
✓ 726	480.9600	1439.8582	1439.7197	0.1384	0	18	70	1		EGLWAVQFHPEK
✓ 900	604.0400	1809.0982	1806.9449	2.1533	2	18	61	1		AAGSAGKAVPAAADGGGRQPR
✓ 872	591.1300	1770.3682	1770.9662	-0.5980	1	18	51	1		LEEMVGRPISEKLR + Oxidation (M)
✓ 730	721.8000	1441.5854	1440.8188	0.7667	1	18	69	1		ELLSSPIVNVKVDK
✓ 926	462.5500	1846.1709	1845.0221	1.1488	2	18	59	1		TIGISVSDLGRRFATPR
✓ 775	512.6400	1534.8982	1532.7868	2.1114	1	18	74	1		SDKGVNLIASLCEK
✓ 1299	770.1400	3076.5309	3076.3704	0.1605	1	18	46	1		QFASQYSSFFVMSYMMMINNRTPHK + 2 Oxidation (M)
✓ 1115	738.3200	2211.9382	2213.0932	-1.1551	1	18	56	1		QVNPIGHGGMAEAMKASTIAK + Oxidation (M)
✓ 224	750.7700	749.7627	750.4388	-0.6761	1	18	64	1		FRITISK
✓ 840	855.3600	1708.7054	1706.8232	1.8822	1	18	1.5e+002	1		AGPGDPCDHGKPIKMK
✓ 617	654.2300	1306.4454	1304.7023	1.7431	0	18	66	1		AHAQVVPAMPPLR + Oxidation (M)
✓ 744	489.0000	1463.9782	1462.6293	1.3489	1	18	68	1		AMDESIREMHGR + 2 Oxidation (M)
✓ 1138	750.3100	2247.9082	2248.2063	-0.2981	1	18	55	1		TEQQTIDILYTKALAASINLR
✓ 287	422.9800	843.9454	843.4926	0.4528	1	18	88	1		AVKNGTVR

✓	494	593.2400	2368.9309	2369.2928	-0.3619	2	18	2e+002	1	RFSNAVAIKGTVSTSAIHLQNR
✓	959	632.8800	1895.6182	1895.8497	-0.2315	0	18	55	1	EAVADQNPNATVQDEQPPG
✓	938	624.9400	1871.7982	1871.9312	-0.1330	0	18	70	1	AVSCGDAGLALGQAWVAAR
✓	1020	996.2100	2985.6082	2984.6375	0.9706	1	18	1.3e+002	1	TGIVHIPFGKVNFEEDLLINFLAAVK
✓	790	800.0200	3196.0509	3194.7009	1.3500	2	18	1.7e+002	1	GVTVKPEAMRAAFLVQGYATATDLADYLVKK + Oxidation (M)
✓	1125	744.9800	2231.9182	2232.1970	-0.2788	2	18	60	1	MIVVKAGGRITLLNNMDEIVK + 2 Oxidation (M)
✓	723	479.7100	1436.1082	1436.8939	-0.7858	2	18	62	1	ARTDIRPIVKLR
✓	818	560.9200	1679.7382	1677.8072	1.9309	1	18	76	1	MPIDPSEKLGFWDK + Oxidation (M)
✓	462	576.1600	1725.4582	1724.9421	0.5161	1	18	1.8e+002	1	AEGKPEQALTKIVEGR
✓	1009	656.1600	1965.4582	1966.1000	-0.6418	2	18	54	1	DLDSLNAAGRGVWLKVVPK
✓	985	640.6500	1918.9282	1917.9373	0.9908	1	17	75	1	YDWAHLDIAGTAMKSGK
✓	269	408.8000	1631.1709	1631.7912	-0.6203	2	17	2.5e+002	1	PPSRMATDHSFKMK
✓	1012	606.6200	1966.8382	1966.9313	-0.0931	2	17	69	1	AAARQSGQGRSLEQMMMSK + 2 Oxidation (M)
✓	505	602.0800	1803.2182	1802.9580	0.2602	2	17	2.1e+002	1	ASSPLPQPSFRRFWK
✓	1118	740.4100	2218.2082	2216.0533	2.1548	0	17	71	1	TMLYGPMPKPVGLEYPDDYK
✓	816	560.3000	1677.8782	1676.7723	1.1059	2	17	86	1	MQGRMQGVAPGDDR + 2 Oxidation (M)
✓	183	707.4500	706.4427	705.3657	1.0770	0	17	1e+002	1	NVSTASK
✓	703	702.3900	1402.7654	1403.7045	-0.9391	0	17	2.3e+002	1	DVDAGSIGTFVAVPR
✓	399	526.8600	1577.5582	1576.8645	0.6937	2	17	2.1e+002	1	SSRSTRAGLTISVSR
✓	1082	537.4200	2145.6509	2144.1298	1.5211	2	17	59	1	EGTSQERVLRTQTSGVQIR
✓	402	528.3200	1054.6254	1052.5291	2.0964	0	17	89	1	YNIPGGASFK
✓	328	455.6800	1818.6909	1818.9258	-0.2349	1	17	2.2e+002	1	TDRTCLSIIVLAAGEGTR
✓	1093	542.5300	2166.0909	2165.2460	0.8449	1	17	77	1	LIEASAGTGKTFTIVLLYLRL
✓	1042	677.3600	2029.0582	2030.1775	-1.1194	1	17	82	1	LTNYISGKNILINIVEVK
✓	675	678.7200	2033.1382	2031.8877	1.2505	1	17	2.1e+002	1	YQMASEARDEAIAEAMSK + 2 Oxidation (M)
✓	820	560.9300	1679.7682	1677.8144	1.9537	1	17	88	1	SREIAQMFNGNPSVDK
✓	1075	714.2800	2139.8182	2139.0452	0.7729	0	17	63	1	FTNQIASLMQNCCELVISR + Oxidation (M)
✓	946	940.0600	3756.2109	3756.8134	-0.6025	2	17	1.7e+002	1	FDKEQMVIEFAGAKFGQPGGEYPTALSGTIFYSR + Oxidation (M)
✓	1014	493.2900	1969.1309	1967.0364	2.0945	2	17	80	1	TGGLADVAGSLPKYFDKTK
✓	1163	573.5100	2290.0109	2288.2470	1.7639	2	17	75	1	IISFHDTFPPRTWVVPACK
✓	1169	575.0600	2296.2109	2294.2383	1.9726	0	17	79	1	LGSELEGAVRPGHFAGVATVVTK
✓	449	377.8100	1130.4082	1130.5720	-0.1638	0	17	1.1e+002	1	DIQGAHLSYK
✓	982	479.7300	1914.8909	1913.8829	1.0080	0	17	90	1	YAAGVGKPMMAEAEANK + Oxidation (M)
✓	1018	662.6600	1984.9582	1982.8383	2.1198	0	17	90	1	GISQSEPDLSMTANMDK
✓	460	575.6000	1149.1854	1148.6335	0.5519	2	17	86	1	KASNKMIVISR + Oxidation (M)
✓	333	460.1400	1836.5309	1835.9815	0.5494	2	17	2.6e+002	1	DYISIDSPMARALLKK + Oxidation (M)
✓	979	638.6700	1912.9882	1912.9537	0.0345	2	17	93	1	RMDALARLENSSELHR + Oxidation (M)
✓	472	581.9700	1161.9254	1161.6394	0.2861	0	17	89	1	DQVFITNVVK
✓	584	643.7500	1285.4854	1283.7561	1.7293	1	17	1e+002	1	EAVRLTVAQLGK
✓	883	599.3400	1794.9982	1794.6616	0.3365	0	17	96	1	GCCSHPVCSAMSPICG + Oxidation (M)
✓	572	638.7200	1275.4254	1274.6401	0.7854	1	17	95	1	IVEEAGMQRAR + Oxidation (M)
✓	691	687.8000	1373.5854	1371.6704	1.9150	0	17	2.5e+002	1	DNMPEVVDVNIK
✓	257	395.0500	788.0854	786.3508	1.7346	0	16	1.2e+002	1	DTPPDSR
✓	371	497.3100	992.6054	990.4618	2.1437	0	16	1.2e+002	1	LNEDSTQK
✓	1243	660.6600	2638.6109	2637.3987	1.2122	1	16	61	1	ELVKETKPNHHKSSAVNHTISGK
✓	830	565.5000	1693.4782	1692.8393	0.6389	1	16	76	1	FTPEQDDMIVNLKK + Oxidation (M)
✓	323	451.6900	1352.0482	1350.7448	1.3033	1	16	3.2e+002	1	VFRSWFALTPK
✓	466	579.4800	2313.8909	2314.1342	-0.2433	1	16	2.4e+002	1	NDSEFHLADALWLTIEER
✓	1254	699.6200	2794.4509	2792.3255	2.1254	2	16	74	1	LKIDACIDCRLVVSSTHEAMSR + Oxidation (M)
✓	682	682.6100	2044.8082	2043.0637	1.7445	1	16	2.5e+002	1	LVNEDKVISDVADNLFR
✓	908	606.9000	1817.6782	1816.8526	0.8255	1	16	88	1	DQDGNWNGMVGEVLRK
✓	430	552.9100	1655.7082	1653.7780	1.9301	0	16	2.9e+002	1	LSAPGPNVGNPEEMAR + Oxidation (M)
✓	1162	573.2400	2288.9309	2287.1233	1.8076	1	16	77	1	SHQLTIWTDVDGVYSADPRK
✓	1314	666.7500	3328.7136	3327.9893	0.7243	1	16	61	1	MVTAVMILIDVIVLLILGIVVYKTIQNISK + Oxidation (M)
✓	668	451.3300	1350.9682	1349.6068	1.3614	0	16	91	1	QNTACTIMPTGGGK + Oxidation (M)
✓	119	317.1300	632.2454	631.3905	0.8550	0	16	2e+002	1	TLTVAK
✓	424	544.1200	1629.3382	1627.9270	1.4111	1	16	2.7e+002	1	LLLLGAPGGHGGPASRR
✓	727	721.2700	2881.0509	2881.2000	-0.1491	1	16	2.3e+002	1	GDTAFGWDFCFQPDGFKETFGEMDK
✓	292	848.7300	847.7227	848.3923	-0.6695	1	16	1.1e+002	1	MSANDRR
✓	847	573.8300	1718.4682	1718.8509	-0.3827	2	16	86	1	KNGGTIPGIKSDEMEK + Oxidation (M)
✓	375	504.7200	1007.4254	1005.4774	1.9481	2	16	1.3e+002	1	EMDARGRR + Oxidation (M)
✓	937	624.9400	1871.7982	1872.9265	-1.1283	1	16	1e+002	1	QLRADCSIGFGHGTLLGK
✓	254	393.8700	785.7254	785.4548	0.2707	0	16	1.2e+002	1	LAGWLAR
✓	410	533.4600	1597.3582	1597.8616	-0.5034	1	16	2.6e+002	1	NKVIYNYFNKPAK
✓	1079	715.6600	2143.9582	2145.0235	-1.0653	0	16	96	1	YSMDSAIGLSTMIAVPGPGFR + Oxidation (M)
✓	1048	513.5300	2050.0909	2048.1856	1.9053	2	16	1e+002	1	MEKLFIPKGYKPLLSLR + Oxidation (M)
✓	1095	724.0100	2169.0082	2168.1048	0.9034	2	16	1e+002	1	FLRQIFAQDIEMGAETRK + Oxidation (M)
✓	760	748.2700	2989.0509	2989.4123	-0.3614	1	16	2.3e+002	1	GIDDDCAIIKIDENFYLVATDDMMVK
✓	1030	1003.3700	3007.0882	3005.7966	1.2915	1	16	1.8e+002	1	VIELVQTKLPITALAILIAPLMTPLYR + Oxidation (M)
✓	1166	574.0500	2292.1709	2291.1943	0.9766	2	16	99	1	ELAQQIEKVMRALGDYQGVK + Oxidation (M)
✓	1269	573.3600	2861.7636	2861.5579	0.2058	2	16	64	1	IYGTSLGGTEIIQFAKNLLYLFATT
✓	493	593.0100	2368.0109	2368.1230	-0.1121	2	16	3.1e+002	1	IDHAGSSTTFEMKAGRYSAPSR
✓	335	461.4000	1841.5709	1840.9505	0.6204	2	16	2.9e+002	1	DIMYHLYKATKSSLR + Oxidation (M)
✓	922	614.4600	1840.3582	1838.9560	1.4022	1	16	85	1	EIPRQTEMVELVPNGK
✓	420	543.4600	2169.8109	2168.0904	1.7205	1	16	2.9e+002	1	QVMFMFSATLSKEIRPVC + Oxidation (M)
✓	783	785.4900	1568.9654	1569.8800	-0.9145	0	16	2.6e+002	1	QMAEALLQAIEILK
✓	912	916.5500	2746.6282	2745.3313	1.2968	2	16	2.3e+002	1	DAKACVVHGSDLKDMTSEQLDGILK + Oxidation (M)
✓	1301	620.0100	3095.0136	3094.6519	0.3617	2	16	59	1	FMTGLSSSDITSKPSVRSLLMKLPVTAGR + Oxidation (M)
✓	678	680.1200	1358.2254	1358.7558	-0.5303	0	16	1e+002	1	LPVSAYEALAVAR
✓	312	442.6600	883.3054	884.4828	-1.1774	0	16	1e+002	1	NLQLGQGR
✓	1071	713.6000	2137.7782	2137.0763	0.7019	1	16	83	1	ADGINPEELLGNSSAAAPRAGK

✓	1007	654.9000	1961.6782	1960.0140	1.6642	0	16	88	1	SARPPGRPFSGSPGDRPR
✓	47	553.9200	552.9127	551.3431	1.5696	0	16	64	1	LGHLL
✓	821	560.9500	1679.8282	1679.8267	0.0015	1	16	1.2e+002	1	GYKTGHIAADGSVYNK
✓	1210	623.3000	2489.1709	2489.3615	-0.1906	2	16	95	1	KLGPAGAGFGVLRPRPTPGDGEK
✓	451	569.5000	2273.9709	2274.2080	-0.2371	2	16	2.9e+002	1	QSFQKIEQLTASLANDRVAR
✓	863	582.4200	1744.2382	1745.0199	-0.7818	1	16	96	1	ADVPPVPSLRNVLAAVK
✓	848	574.2400	1719.6982	1718.7909	0.9073	0	16	1.1e+002	1	MVGVPMSFNHWASK
✓	917	613.2600	1836.7582	1835.8757	0.8825	2	16	1.1e+002	1	LSMEEKKATECGLPDNK + Oxidation (M)
✓	446	565.3600	1693.0582	1692.9926	0.0655	2	16	3.5e+002	1	RVSFLKYAIDLGLK
✓	298	428.3900	854.7654	855.3579	-0.5924	0	16	89	1	MASSQMTR + Oxidation (M)
✓	599	647.7000	2586.7709	2586.3687	0.4022	2	16	2.9e+002	1	GIDKAVNSVVAELKNLSKPCETSK
✓	444	376.8300	1127.4682	1125.5410	1.9272	0	16	1.4e+002	1	MLDTTLAMAK + 2 Oxidation (M)
✓	965	565.2600	1902.7582	1902.2142	0.5440	1	16	1e+002	1	LRSLLLAPLVGAANVIGAR
✓	1200	605.0300	2416.0909	2416.1450	-0.0541	1	15	99	1	AWNRLMEDGVGIMGLHGMGGVGK + 2 Oxidation (M)
✓	343	468.7600	935.5054	933.4879	2.0175	1	15	1.5e+002	1	EAGISKSSR
✓	381	510.6300	1528.8682	1527.8845	0.9836	1	15	3.6e+002	1	TRTRPLTTGAVTVR
✓	903	604.5900	1810.7482	1811.8442	-1.0960	1	15	1.1e+002	1	AIKEAMCFMMDPAIGK
✓	975	956.2700	2865.7882	2864.4167	1.3715	0	15	2.2e+002	1	ALLEVGLDGQLEPQDFLNFFCLGNR
✓	1288	748.3700	2989.4509	2989.5293	-0.0784	0	15	84	1	LVEYGETDACLALMLFHLVPLTR
✓	1188	591.2500	2360.9709	2362.1587	-1.1878	2	15	94	1	MSLLHPGPKGKDDSDIDHLK + Oxidation (M)
✓	566	631.7000	1261.3854	1261.5939	-0.2084	0	15	1.2e+002	1	VSNEYLTGDK
✓	587	643.7700	1285.5254	1286.6540	-1.1286	0	15	1.5e+002	1	DQDPILLTMNK
✓	1015	658.7100	1973.1082	1974.1513	-1.0431	2	15	1.2e+002	1	FLLLNKSLNKLDISQTK
✓	964	634.6700	1900.9882	1899.9553	1.0329	2	15	1.3e+002	1	DKVWAFERYMIDLK + Oxidation (M)
✓	161	684.4700	683.4627	683.3351	0.1276	0	15	1.1e+002	1	DGSIHR
✓	996	648.9200	1943.7382	1942.0312	1.7069	2	15	1e+002	1	LQKSNFGKGINIFFDSK
✓	687	685.2200	1368.4254	1366.7820	1.6435	1	15	1.1e+002	1	KAPNLIAELAELK
✓	1203	613.5100	2450.0109	2450.2331	-0.2222	2	15	92	1	GMMMLTQPTAKEIGITNRLDAK + 2 Oxidation (M)
✓	1205	614.8700	2455.4509	2455.2397	0.2112	1	15	94	1	QSVRWAEYGVGAHPSFPDR
✓	559	627.5200	2506.0509	2505.5412	0.5097	0	15	3e+002	1	FLFILFLVVALIMLILGITAGTK
✓	888	599.3900	1795.1482	1795.9176	-0.7695	1	15	1.1e+002	1	ISSVNHPTPLNSSEKAGR
✓	379	509.5800	1525.7182	1523.5794	2.1387	0	15	3.8e+002	1	EQAPDCSSSDGSR
✓	488	586.3900	1170.7654	1170.6721	0.0934	1	15	1.5e+002	1	VGAGNVITAKGGK
✓	595	645.6500	1289.2854	1288.6484	0.6371	2	15	1.2e+002	1	VSEGDGTVRRR
✓	1010	656.6100	1966.8082	1966.9227	-0.1146	0	15	1.1e+002	1	LSDEMGGGSMTGLPIIETK + 2 Oxidation (M)
✓	382	510.6300	1019.2454	1018.5481	0.6974	1	15	1.4e+002	1	KTANDLVMK
✓	1302	620.7700	3098.8136	3098.5086	0.3050	2	15	72	1	DITACGYGPITAMLTAAKECGAKNTELVK + Oxidation (M)
✓	542	619.7100	1237.4054	1235.5782	1.8272	0	15	3.3e+002	1	ANGEVEIYEGR
✓	358	488.5400	975.0654	973.5597	1.5058	1	15	1.5e+002	1	DLKFGLPGK
✓	948	627.6000	1879.7782	1880.9381	-1.1599	1	15	1.2e+002	1	AREIVSALGGASFEGFDR
✓	154	673.6300	672.6227	672.3119	0.3108	0	15	2e+002	1	DTYFK
✓	450	379.1500	1134.4282	1134.6033	-0.1751	1	15	1.6e+002	1	SGGFAQKLAELK
✓	1088	721.2800	2160.8182	2161.9512	-1.1330	0	15	1e+002	1	AAGNVNPFNVSDSEEEAEQR
✓	439	560.3100	1118.6054	1118.5873	0.0182	0	15	1.8e+002	1	QFGEALWIR
✓	392	524.3800	1046.7454	1047.5421	-0.7967	2	15	1.7e+002	1	TERRGSASGK
✓	1282	733.1900	2928.7309	2926.6435	2.0874	2	15	79	1	GLEANSRLLLLFLPCLILRGVLLR
✓	868	587.9600	1760.8582	1758.8425	2.0157	1	15	1.4e+002	1	AETYRDTTGVSPSTFK
✓	1119	555.6400	2218.5309	2217.1147	1.4162	2	15	93	1	RMRCNLITTPFPIGPDGTR + Oxidation (M)
✓	409	532.2600	2125.0109	2124.9456	0.0653	0	15	4.5e+002	1	SLEECSTPTPGNMAESLFR
✓	1322	688.4100	3437.0136	3436.6789	0.3347	1	15	62	1	AMRDAVAAGEMDFVVGMLGGLQTNGDGALTGAVVK + Oxidation (M)
✓	276	416.0900	830.1654	829.5134	0.6521	2	15	1.7e+002	1	AAKKS GIR
✓	432	553.8900	1105.7654	1103.6411	2.1244	2	15	1.6e+002	1	ARSLLSRSSK
✓	592	644.8900	2575.5309	2574.1809	1.3500	2	15	3.7e+002	1	IYFSDATLDDKIERCEYDGS HR
✓	842	570.7400	1709.1982	1708.0723	1.1259	2	15	1.1e+002	1	RIAIQKSGEVLILR
✓	919	613.4300	1837.2682	1835.8625	1.4057	1	15	1.1e+002	1	GFCDSDGVERGLHLFK
✓	745	733.0100	2928.0109	2927.3258	0.6851	2	15	3.3e+002	1	LKMNDWIDRNYDYFEFLTPEMR + 2 Oxidation (M)
✓	1187	590.8000	2359.1709	2360.1496	-0.9787	1	15	1.2e+002	1	DVEDSSVIHYDDAAISKLLDR
✓	846	573.5700	1717.6882	1718.7361	-1.0479	0	15	1.4e+002	1	HMHNMMLLQQNMK + 4 Oxidation (M)
✓	484	585.8000	1169.5854	1167.6135	1.9719	1	15	1.7e+002	1	GESLKYISGK
✓	1131	747.3100	2238.9082	2239.1518	-0.2436	2	15	1.1e+002	1	LQEKLSAYQTSLTVMEDR
✓	1102	729.0200	2184.0382	2183.1223	0.9159	1	15	1.3e+002	1	TKVSSSVFSTDPVAVYQVNR
✓	387	512.6500	2046.5709	2047.0408	-0.4699	1	15	3.8e+002	1	YSNQHDGVVEMTLKIIGK + Oxidation (M)
✓	924	615.0900	1842.2482	1841.0305	1.2177	2	15	1.1e+002	1	MNKNKNIGIILAGVGVS R
✓	1074	713.9500	2138.8282	2139.1735	-0.3453	2	15	1.1e+002	1	MVRLAKAHGVGIGAHPLGPKD + Oxidation (M)
✓	1132	560.8800	2239.4909	2240.2390	-0.7481	0	15	98	1	TIHVVAQVADVLQQQSLHVR
✓	222	749.3100	748.3027	746.3745	1.9282	0	15	2e+002	1	GVPMTSR
✓	892	602.1300	1803.3682	1803.0227	0.3455	1	15	1.1e+002	1	LIGIRTERPAGHLSGAR
✓	109	624.0700	623.0627	622.3075	0.7552	0	15	1.1e+002	1	TGGNFK
✓	898	603.9700	1808.8882	1809.9043	-1.0161	0	15	1.5e+002	1	EAPSDAQIVSHQLMLR + Oxidation (M)
✓	951	941.8300	2822.4682	2822.5178	-0.0496	1	15	2.7e+002	1	LQRIANESVFPDLIVIDGGPTQLAK
✓	654	668.8500	1335.6854	1334.6435	1.0420	1	15	1.7e+002	1	GMVLAGTKCADGR
✓	1176	579.4800	2313.8909	2313.1385	0.7524	2	15	1e+002	1	FDEKEVQKDIGMPYQIVK + Oxidation (M)
✓	1233	863.7200	2588.1382	2586.2813	1.8568	2	15	1.1e+002	1	FVQAPATSPELQEDKDDSVPGTKK
✓	502	599.7200	1796.1382	1794.8710	1.2672	0	15	3.7e+002	1	DTTFAPEQISAMVLEK + Oxidation (M)
✓	1151	758.6200	2272.8382	2272.1092	0.7289	2	15	1e+002	1	MDRYREVVAQMVESGLAYR
✓	418	540.1700	1078.3254	1078.5593	-0.2339	1	15	1.5e+002	1	DAAGMARLFK
✓	677	679.6000	2714.3709	2714.2145	0.1564	1	15	3.6e+002	1	AASANLANARMHNMEEAGHMANLK + 2 Oxidation (M)
✓	695	697.2700	1392.5254	1391.6602	0.8652	0	15	3.5e+002	1	TEEICSLQGDK
✓	701	701.1800	1400.3454	1400.7446	-0.3991	0	15	1.3e+002	1	AQALDLALAGMATR
✓	1116	738.6800	2213.0182	2210.9896	2.0286	1	15	1.3e+002	1	AKSPISSGSGSHMSGTSSSSGMK
✓	401	527.3600	1052.7054	1052.5073	0.1981	1	15	1.4e+002	1	LCRDFSQK

✓	1108	733.3200	2196.9382	2198.0711	-1.1329	2	15	1.2e+002	1	SRGVMMGVIASGYEIEDPKK + 2 Oxidation (M)
✓	344	468.8000	935.5854	934.4719	1.1135	1	15	1.9e+002	1	EIESSSRK
✓	1076	536.1900	2140.7309	2140.0695	0.6614	2	14	1.1e+002	1	TSEMNLRSRGLLAQKNGYSR + Oxidation (M)
✓	522	611.1800	1830.5182	1829.0193	1.4989	2	14	3.5e+002	1	LRLTADRIQDM AI GLK + Oxidation (M)
✓	1144	564.4800	2253.8909	2254.1739	-0.2831	0	14	1.1e+002	1	EPQLSLLAAQCGLTLQQTQR
✓	314	445.4200	1777.6509	1775.9465	1.7044	1	14	4.3e+002	1	TPICEVHSGPVIIVRGR
✓	304	433.8700	865.7254	864.4705	1.2549	0	14	1.2e+002	1	FNVSASIK
✓	1218	632.9100	2527.6109	2527.2774	0.3335	2	14	99	1	LIEASSLNDVSNM RM KLGNLYK + 2 Oxidation (M)
✓	988	641.5600	1921.6582	1922.0109	-0.3527	0	14	1.1e+002	1	LPAGPAINDSDSIIVVEGR
✓	300	429.3400	856.6654	854.5086	2.1568	1	14	1.8e+002	1	AIPRVGSR
✓	781	779.8000	1557.5854	1556.7551	0.8303	2	14	1.5e+002	1	NAGQSRMMRTYVK + Oxidation (M)
✓	797	805.3000	3217.1709	3217.5181	-0.3472	2	14	3.1e+002	1	MVPSK PM CV EAYTDYPLGRFAVRD MR + 2 Oxidation (M)
✓	275	416.0000	829.9854	830.3882	-0.4028	0	14	2e+002	1	AAADAEQR
✓	485	585.8300	1169.6454	1168.5809	1.0645	2	14	1.8e+002	1	GRSHEARSGGR
✓	859	580.6900	1739.0482	1739.8625	-0.8143	1	14	1.5e+002	1	MKQQHNAVGVABGDLK + Oxidation (M)
✓	980	638.6900	1913.0482	1912.9247	0.1234	1	14	1.6e+002	1	TGSYNSRGALGALMACLR + Oxidation (M)
✓	558	626.5900	1876.7482	1875.8996	0.8485	0	14	4e+002	1	SALPTQQPVMSASSQSNK + Oxidation (M)
✓	831	565.7000	1694.0782	1691.9029	2.1753	1	14	1.4e+002	1	QGKADVASAFLGLMLR + Oxidation (M)
✓	741	730.5100	2918.0109	2916.4499	1.5610	2	14	3.5e+002	1	ETQTQNGMNVTTVDGATAPAPEKKTALK + Oxidation (M)
✓	850	575.4800	1723.4182	1722.8505	0.5677	1	14	1.2e+002	1	GAQMARSAGTSAMLLAR + 2 Oxidation (M)
✓	860	435.9000	1739.5709	1737.8607	1.7102	0	14	1.3e+002	1	TGEEIFGTISMKNPAK + Oxidation (M)
✓	229	376.8900	1503.5309	1503.7430	-0.2121	1	14	4.6e+002	1	EPPRGPPASGAEPSR
✓	933	620.7800	1859.3182	1859.9867	-0.6685	1	14	1.3e+002	1	AVSRSHATHLVHAAPR
✓	507	603.0300	1204.0454	1204.6346	-0.5892	2	14	1.5e+002	1	ERGKNVMVTR + Oxidation (M)
✓	580	642.6000	1924.7782	1922.9659	1.8123	0	14	4e+002	1	ALMATEGVNIEFTTEAVK
✓	629	439.8100	1316.4082	1314.6966	1.7116	2	14	1.6e+002	1	KAVPCPSVKSDK
✓	921	614.2900	1839.8482	1840.9407	-1.0925	1	14	1.6e+002	1	FLNFGNRIAVGQACFK
✓	1080	715.7700	2144.2882	2145.0311	-0.7430	1	14	1.4e+002	1	HHSVEAAPGPPRSTSSSGSAR
✓	1266	713.6100	2850.4109	2851.4405	-1.0296	1	14	1.2e+002	1	SFIAANPNWSKAVFISPYNSQNAVAR
✓	487	586.3500	2341.3709	2341.2497	0.1212	1	14	5e+002	1	LADPIGEVMSMAKRPNGLIIGK + 2 Oxidation (M)
✓	1159	761.5400	2281.5982	2281.2100	0.3882	1	14	1.1e+002	1	AAMGGLLSPDIVEEVLGRAEVR
✓	749	490.0200	1467.0382	1465.7235	1.3147	0	14	1.4e+002	1	QNNIALVMGYSEK
✓	1039	675.8500	2024.5282	2023.1677	1.3604	0	14	1.2e+002	1	VTIPQVTLAATATPATLSLR
✓	351	481.1300	960.2454	959.4924	0.7531	0	14	1.9e+002	1	VDNGIVTDK
✓	372	498.7100	995.4054	995.6491	-0.2437	1	14	1.7e+002	1	KLPASVLLR
✓	652	667.8200	1333.6254	1332.6959	0.9296	1	14	2e+002	1	ENDIIVVM ME KK + Oxidation (M)
✓	882	898.4600	1794.9054	1793.8982	1.0073	0	14	1.7e+002	1	SHSSSLVLSVSM EF LR + Oxidation (M)
✓	97	306.3000	1221.1709	1220.6071	0.5638	0	14	4e+002	1	VITVDVADMSR + Oxidation (M)
✓	634	660.2800	1318.5454	1316.6619	1.8835	1	14	2e+002	1	QMRVGSTAGSAPR
✓	1198	604.0100	2412.0109	2410.1158	1.8951	2	14	1.2e+002	1	GVMTDRAAREAGHGGEVLCYVF + Oxidation (M)
✓	707	704.6000	2814.3709	2815.4592	-1.0883	1	14	3.9e+002	1	NWGVIGGIAAAMAAGVYVLWGPIPSDRR + Oxidation (M)
✓	659	672.3400	1342.6654	1341.7292	0.9362	0	14	2.1e+002	1	FTSELGLHLPTK
✓	936	622.9600	1865.8582	1864.9750	0.8832	2	14	1.7e+002	1	ARNMIEVVTSEM KT LK + Oxidation (M)
✓	1025	667.7100	2000.1082	1998.9680	1.1402	2	14	1.6e+002	1	AMKAASDNADKLITDYTR + Oxidation (M)
✓	1244	662.6000	2646.3709	2645.4826	0.8883	1	14	1.3e+002	1	MIQGTLYIVSAPSGAGKSSLIQALLK
✓	404	528.3600	1054.7054	1053.5495	1.1560	0	14	1.8e+002	1	YPTALFSQK
✓	313	442.6900	883.3654	881.5810	1.7844	2	14	1.8e+002	1	KVKALPAR
✓	1055	692.4000	2074.1782	2075.1085	-0.9303	1	14	1.6e+002	1	FADSEILGMPTSVVVGRLK
✓	1149	756.2700	2265.7882	2264.9898	0.7984	1	14	1.2e+002	1	LSYGGCSTVCCDLSKLTGCK
✓	59	574.3000	573.2927	574.2863	-0.9936	0	14	3.6e+002	1	GAYHK
✓	770	760.2700	2277.7882	2276.0525	1.7357	2	14	3.6e+002	1	SNAEGPCSMSPNDKSGLEKR
✓	899	603.9800	1808.9182	1810.0022	-1.0840	1	14	1.8e+002	1	ILLLAEVMDLKNPDR
✓	514	605.0600	1208.1054	1207.6713	0.4341	1	14	1.4e+002	1	ALVFYSGKAPR
✓	1069	713.3400	2136.9982	2136.0673	0.9308	1	14	1.6e+002	1	DRPTAAEALADPYFKCLAK
✓	909	608.4700	1822.3882	1821.7662	0.6220	0	14	1.4e+002	1	AIITAYGDGYSTCDTCR
✓	991	483.4700	1929.8509	1928.9818	0.8691	2	14	1.7e+002	1	EKVIALTGRFPMYGYQG
✓	887	599.3600	1795.0582	1794.0516	1.0066	1	14	1.8e+002	1	VVWKQGVQSLILAPTR
✓	429	550.2800	2197.0909	2197.9810	-0.8902	1	14	5.7e+002	1	NNVDGKGASYGSHENYLMSR
✓	954	631.1900	1890.5482	1889.9081	0.6401	0	14	1.4e+002	1	GTFFVDSVYISSTMGPSVK + Oxidation (M)
✓	1005	654.8900	1961.6482	1960.7965	0.8517	1	14	1.4e+002	1	TSTDSDKHCCMLEFSK + Oxidation (M)
✓	870	590.2500	1767.7282	1766.8926	0.8355	1	14	1.7e+002	1	HIFELPMSFFATRR + Oxidation (M)
✓	1229	644.1800	2572.6909	2572.0954	0.5955	1	14	1.1e+002	1	DSGLKVSYHLMPGMPGSD MEM DK + 3 Oxidation (M)
✓	931	619.9800	1856.9182	1856.9012	0.0170	0	14	1.9e+002	1	SGGLEMMSSSAIVAFNLK + Oxidation (M)
✓	1211	623.7100	2490.8109	2491.3389	-0.5280	2	14	1.1e+002	1	IAEMKTGEGKTLVATLAVALNAMK + 2 Oxidation (M)
✓	1234	648.5800	2590.2909	2588.4108	1.8801	2	14	1.5e+002	1	LQINQSIIFCNSSQORVELLAKK
✓	419	542.5400	1083.0654	1081.5291	1.5363	1	14	1.5e+002	1	YDIDEKTAK
✓	536	616.8900	1231.7654	1230.7085	1.0570	1	14	2.3e+002	1	VGLFADGVAVKR
✓	547	621.7200	1241.4254	1241.6517	-0.2262	1	14	1.8e+002	1	GHELKFEQVR
✓	829	565.1900	1692.5482	1690.8963	1.6518	2	14	1.5e+002	1	MSEKIYPIPDNIKK + Oxidation (M)
✓	1000	654.1800	1959.5182	1957.9601	1.5580	1	14	1.4e+002	1	SHSGVKGMVVDAMTGEPIK + Oxidation (M)
✓	239	765.4000	764.3927	764.4367	-0.0440	1	14	2.3e+002	1	MKAFIR
✓	530	615.4900	1843.4482	1844.0155	-0.5674	1	14	4.5e+002	1	LDAGNYDAIILAAAGLKR
✓	620	654.7700	1307.5254	1307.6941	-0.1687	1	14	4.6e+002	1	TTKVMQMISAAK
✓	894	904.9700	1807.9254	1807.8184	0.1070	0	14	1.9e+002	1	TNSESVATTQATNENGKK
✓	1283	735.0000	2935.9709	2936.5939	-0.6230	2	14	1e+002	1	TLVAHGNLSRLALVMVLERLSPEGIMK + 2 Oxidation (M)
✓	390	523.3300	2089.2909	2090.0504	-0.7595	2	14	6e+002	1	ARKQEQQAAAEPAEPVDP
✓	1001	654.5800	1960.7182	1958.9989	1.7192	2	14	1.5e+002	1	DFSEDKNVKYLVDPIK
✓	307	435.8400	1304.4982	1302.6025	1.8957	2	14	5.4e+002	1	GTRDEDRGNQR
✓	824	842.6700	2524.9882	2524.2533	0.7349	1	14	3.8e+002	1	YHFDLSGTAFGAMAKPLNDKLR + Oxidation (M)
✓	630	439.8100	1316.4082	1314.7330	1.6752	0	13	1.8e+002	1	VQLANGLQ W VVK + Oxidation (M)
✓	1248	688.0600	2748.2109	2747.3760	0.8349	0	13	1.3e+002	1	TMTSLSVLAQSTSSSSQPLAAVTTAHR + Oxidation (M)

✓	283	421.4800	840.9454	841.5022	-0.5567	0	13	1.5e+002	1	VATVSLPR
✓	665	675.4000	1348.7854	1346.7744	2.0110	1	13	2.2e+002	1	FVPTIMN IL KR + Oxidation (M)
✓	353	484.8200	1935.2509	1934.9659	0.2850	0	13	5e+002	1	TENIQPSYLAIDLPSMK + Oxidation (M)
✓	1181	776.3900	2326.1482	2325.0552	1.0930	0	13	1.7e+002	1	FDDVGGCV ML ASPGMLQNGVSR + Oxidation (M)
✓	1312	663.3200	3311.5636	3312.6821	-1.1185	2	13	1.1e+002	1	MLTKRFYNLAIMQDISNHTPMIQQYLK + Oxidation (M)
✓	705	704.1400	1406.2654	1406.7201	-0.4546	2	13	1.7e+002	1	AASLRDAMRNFR
✓	1206	620.3500	2477.3709	2476.0920	1.2789	1	13	1.6e+002	1	TSMILKLFNDMENMDQETER + 2 Oxidation (M)
✓	852	577.3100	1728.9082	1729.9549	-1.0467	2	13	2.1e+002	1	VHFLGKKGELTQVMK + Oxidation (M)
✓	1303	517.9300	3101.5363	3102.5017	-0.9654	1	13	1.3e+002	1	MKGYNVLFPMGFHYTGTPIIAMADDVAK + Oxidation (M)
✓	743	732.8100	1463.6054	1461.8047	1.8007	1	13	2.1e+002	1	LRLQMMEGLIVK + 2 Oxidation (M)
✓	836	851.8000	2552.3782	2550.2988	2.0794	2	13	4.1e+002	1	SGMHFVNNRWLGGMLTNFKTIK
✓	957	632.5300	1894.5682	1892.9527	1.6155	1	13	1.5e+002	1	MNRRNPDHNTLPNITLK + Oxidation (M)
✓	1068	713.2500	2136.7282	2137.0473	-0.3192	1	13	1.4e+002	1	MAKSSLAGSDGALTWVNNATK + Oxidation (M)
✓	1024	667.6900	2000.0482	2001.0928	-1.0446	2	13	1.9e+002	1	MEGAIEINKSLLALKESIR
✓	689	685.4600	1368.9054	1368.6932	0.2122	1	13	2e+002	1	LSLGKQDGGHAMR
✓	360	490.3700	1468.0882	1466.8470	1.2412	2	13	5.3e+002	1	RIPISAYKVQHR
✓	712	709.6600	1417.3054	1417.7330	1.5725	0	13	1.8e+002	1	ASNILLDADMIPK + Oxidation (M)
✓	363	493.5700	985.1254	985.4657	-0.3403	0	13	1.9e+002	1	WYYLDAR
✓	453	570.1300	1138.2454	1137.6771	0.5684	2	13	1.6e+002	1	KHHLPPGPKK
✓	904	605.5900	1813.7482	1811.9563	1.7918	0	13	1.9e+002	1	ADNNGEGGVLMALMALVLR
✓	913	612.4300	1834.2682	1835.0339	-0.7657	2	13	1.6e+002	1	GMTSNNVLQKVKIIFK + Oxidation (M)
✓	1194	600.5300	2398.0909	2397.1854	0.9055	1	13	1.7e+002	1	MEFRQSQSLVMTPQLMQAIK + 2 Oxidation (M)
✓	1208	622.0600	2484.2109	2484.2539	-0.0430	2	13	1.7e+002	1	VACETAATGMIMVFGEITTKAR
✓	357	488.0200	974.0254	973.5305	0.4950	1	13	2.2e+002	1	SGAGKNVVS
✓	871	885.5500	1769.0854	1767.8899	1.1956	2	13	1.4e+002	1	MLENPGIKITFKMESK + Oxidation (M)
✓	1178	773.6100	2317.8082	2316.2927	1.5155	2	13	1.4e+002	1	GSAKSVPTPARPPPHNKHAR
✓	330	457.0400	1368.0982	1367.7310	0.3672	2	13	5.2e+002	1	TGRRVFSSPFSK
✓	1052	518.6000	2070.3709	2069.1561	1.2148	0	13	1.5e+002	1	DITAIISLVFGSTFGLIFR
✓	1220	848.4400	2542.2982	2541.1377	1.1605	2	13	1.7e+002	1	SECDDLFMFKHASNSGARAFDGVK
✓	526	612.9100	1223.8054	1223.6584	0.1471	1	13	2.1e+002	1	SLQMDKIYVK
✓	971	635.9200	1904.7382	1903.9639	0.7742	2	13	1.8e+002	1	AQPAANDPGTDKTIKYSK
✓	345	469.3000	936.5854	935.4396	1.1459	0	13	2.4e+002	1	MHHGDLAR
✓	362	491.4400	980.8654	979.6794	1.1861	1	13	1.6e+002	1	LPGKIIVLK
✓	638	660.8400	1319.6654	1319.6146	0.0509	1	13	2.5e+002	1	DNDSKEIWWK
✓	1263	711.9900	2843.9309	2843.4278	0.5031	1	13	1.2e+002	1	YQIILVDLPGFGLTPMMDWESFKK + Oxidation (M)
✓	1279	729.3500	2913.3709	2912.6011	0.7698	2	13	1.5e+002	1	AHNDANILILGAKTIDYKIVFDIIDK
✓	567	422.3500	1264.0282	1262.6540	1.3741	0	13	1.9e+002	1	VLEIGAGTGMATK + Oxidation (M)
✓	762	750.6800	2998.6909	2997.5328	1.1581	2	13	5e+002	1	DQVMDALLKVAELDVPKSLIEQDQER + Oxidation (M)
✓	1154	760.5300	2278.5682	2277.2456	1.3226	1	13	1.5e+002	1	NWNTMYLAGRFQKPVVILK
✓	1265	712.5600	2846.2109	2845.3561	0.8548	1	13	1.4e+002	1	SVGGMRASIYNAMPAGVQQLVNYMK + 2 Oxidation (M)
✓	1173	577.7200	2306.8509	2305.2866	1.5643	2	13	1.5e+002	1	ALEPLRARITELQLQEQAAR
✓	1006	654.9000	1961.6782	1962.0621	-0.3840	2	13	1.6e+002	1	MASAPWPERVPRLLAPR + Oxidation (M)
✓	1057	696.6500	2086.9282	2086.1166	0.8116	1	13	2e+002	1	ILMPELASLRIVAMEEGSK
✓	759	746.6000	1491.1854	1490.7551	0.4303	0	13	4.8e+002	1	MGSPAQAITSPLPYR
✓	932	619.9900	1856.9482	1856.9032	0.0450	2	13	2.3e+002	1	FKKMFGWGDHFSNIK + Oxidation (M)
✓	1228	642.7600	2567.0109	2566.2670	0.7439	2	13	1.4e+002	1	MTAGGQAEAGGEPGAARLPSSVAR
✓	1067	1067.7700	3200.2882	3198.6489	1.6393	2	13	3.5e+002	1	RMCCQLALPVEIIAAETVRDADGLALSSR + Oxidation (M)
✓	25	504.6900	503.6827	503.2227	0.4600	0	13	3.9e+002	1	EAEVG
✓	731	723.1500	1444.2854	1443.7106	0.5748	0	13	1.9e+002	1	SETVIPSQAGWNR
✓	1180	774.9900	2321.9482	2320.1832	1.7650	1	13	1.6e+002	1	DMDESVIETLISKNLLVNSGK + Oxidation (M)
✓	662	674.6600	2694.6109	2695.4254	-0.8145	2	13	5.5e+002	1	GIKALEQALEEMAEIYVAPKHEK
✓	110	626.8100	625.8027	625.3184	0.4843	0	13	1.1e+002	1	GLHDGK
✓	788	792.1100	1582.2054	1581.8838	0.3216	1	13	1.8e+002	1	GINKEVVGELAAANIR
✓	902	906.1800	1810.3454	1808.7974	1.5480	2	13	1.7e+002	1	YYRDTDTPGRCFMK
✓	782	785.1800	1568.3454	1568.7188	-0.3733	1	13	4.8e+002	1	YACQSPSCSIARR
✓	1012	657.3500	1969.0282	1969.9680	-0.9398	0	13	2.2e+002	1	SAADLGWVMVDLHASGGLR + Oxidation (M)
✓	1268	573.2400	2861.1636	2860.3589	0.8047	0	13	1.3e+002	1	EEVNLCASISEEHGFPYVDIITNK
✓	977	637.9200	1910.7382	1909.9377	0.8005	0	13	1.9e+002	1	VTDQATMEITEVLLGK + 2 Oxidation (M)
✓	426	544.5600	2174.2109	2173.1631	1.0478	2	13	6.7e+002	1	KFTISTYSPTGVAITSSGTTK
✓	800	809.3800	1616.7454	1614.7485	1.9969	0	13	5.7e+002	1	VDNSSLTGESEPPQR
✓	947	940.6800	1879.3454	1877.9781	1.3673	1	13	4e+002	1	NSSVGPLYSGCRLISLR
✓	1100	726.9200	2177.7382	2176.2507	1.4875	1	13	1.6e+002	1	TPELRLTIPPLAAIFLVPES
✓	720	715.9800	2144.9182	2144.9895	-0.0714	2	13	5.7e+002	1	ERTEPEMETEPKGAADVEK
✓	740	729.9500	1457.8854	1458.7065	-0.8210	0	13	2.6e+002	1	MFDADATLLYVGK + Oxidation (M)
✓	533	616.2800	1230.5454	1230.6721	-0.1266	1	13	3e+002	1	IAAVKTPGFGDR
✓	137	657.4600	656.4527	657.2792	-0.8265	0	13	2.5e+002	1	YGGSMK + Oxidation (M)
✓	192	359.1600	716.3054	715.3501	0.9554	0	13	4e+002	1	DDTPLR
✓	1257	704.9900	2815.9309	2816.4068	-0.4759	1	13	1.3e+002	1	GKYSVVTVNVHGSQWQNHMLGLDLK
✓	513	604.7400	1207.4654	1207.7037	-0.2383	0	13	2.5e+002	1	NKPAIVVGTGPR
✓	1060	702.1400	2103.3982	2103.0167	0.3814	1	13	1.7e+002	1	GGDTSLHLQANPTAGSYMRR
✓	322	449.6500	897.2854	895.4433	1.8421	1	13	1.9e+002	1	MKSSSGGVK + Oxidation (M)
✓	822	560.9900	1679.9482	1680.9199	-0.9717	1	13	2.4e+002	1	FNPAEGIKPSPTPAKK
✓	139	329.9900	1315.9309	1315.7724	0.1585	1	13	8e+002	1	ARPQPELLKHK
✓	242	385.1500	1536.5709	1535.7290	0.8419	0	13	6.2e+002	1	CFENEQAIIIEGVK
✓	501	598.4300	1194.8454	1194.6067	0.2388	1	13	2.1e+002	1	NIFEIKEMR + Oxidation (M)
✓	578	640.5900	1279.1654	1278.7157	0.4498	2	13	2e+002	1	SSLRTAVRSFR
✓	619	654.7000	2614.7709	2614.2883	0.4826	1	13	5.7e+002	1	ILVLDGGMTMIQSYRLNEADFR + Oxidation (M)
✓	885	599.3500	1795.0282	1794.9992	0.0290	2	13	2.3e+002	1	GLTGKKLGNFYIDLTR
✓	929	924.9900	3695.9309	3695.8420	0.0889	2	13	4.9e+002	1	RFPIAVYRPGFITGHSETGACNPDDFFSRLIR
✓	1038	674.1300	2019.3682	2020.0663	-0.6981	1	13	1.8e+002	1	LEYFVMVKSTAGGGIGLQK + Oxidation (M)
✓	1172	1152.6400	3454.8982	3455.5007	-0.6025	1	13	3.9e+002	1	DAPEASEGQHMTYSHSPQAPHGCERYSALR + Oxidation (M)

✓	134	654.2300	653.2227	654.3741	-1.1514	0	13	1.7e+002	1	TFIFK
✓	602	432.6400	1294.8982	1295.6470	-0.7488	0	13	2.1e+002	1	DPSRPANPIDS
✓	1120	741.5400	2221.5982	2221.1015	0.4967	1	13	1.6e+002	1	TVQTDTEIQSWWTELRTK
✓	383	512.4600	2045.8109	2044.9321	0.8788	1	13	5.9e+002	1	NLFRHMNNPVSFFDK + 2 Oxidation (M)
✓	672	677.3300	2028.9682	2027.0899	1.8783	1	13	6.7e+002	1	GIGDTIRISLSTNPNVEIK
✓	1017	661.2500	1980.7282	1981.0520	-0.3238	2	13	1.8e+002	1	VKAPNSVEYYNTKDLIK
✓	306	434.3700	1733.4509	1733.8883	-0.4374	1	12	5.9e+002	1	CLQAYGLPVSLSDDR
✓	1104	1095.4000	4377.5709	4376.2490	1.3219	1	12	3.5e+002	1	LAYSSAGRGLSGFSPYLTPLGLVPTLPFRPALDYAFSGMIR
✓	1319	680.1500	3395.7136	3395.8011	-0.0874	2	12	1.4e+002	1	DVLILKGPIDVLHDHATNEVFGGKMIIDATTK + Oxidation (M)
✓	1094	723.4200	2167.2382	2165.1480	2.0901	1	12	2.1e+002	1	KPDALIPDLRSLWDEELR
✓	1175	770.5600	2308.6582	2307.2079	1.4503	2	12	1.6e+002	1	AACTTIAQKLPTIIKEFSCR
✓	841	570.6400	1708.8982	1709.9213	-1.0231	2	12	2.5e+002	1	LHSGSGSDFLFLKHGK
✓	950	628.1400	1881.3982	1880.9488	0.4494	1	12	1.8e+002	1	LRLNAIEQMMAFETAK + Oxidation (M)
✓	1019	663.2700	1986.7882	1984.9677	1.8205	2	12	2e+002	1	GNCVERDFKESFGISIK
✓	349	477.6600	953.3054	954.4519	-1.1465	0	12	2.1e+002	1	IQTAHDDR
✓	347	474.6600	947.3054	946.4971	0.8083	0	12	3.1e+002	1	ELQTLDTK
✓	598	647.6900	2586.7309	2587.3502	-0.6193	2	12	6e+002	1	TMGKATFTIITQDMSGIKLYVAR + Oxidation (M)
✓	241	384.8700	1535.4509	1534.7681	0.6828	1	12	6.2e+002	1	RPSFHDKNPYFK
✓	440	561.5800	2242.2909	2241.0381	1.2528	1	12	6.8e+002	1	YFVQGMGYMPSASMTLVR + 3 Oxidation (M)
✓	768	758.5900	1515.1654	1513.7307	1.4348	1	12	2.1e+002	1	KEMIQQAEQHTR + Oxidation (M)
✓	534	616.3300	1230.6454	1228.5823	2.0632	0	12	3.2e+002	1	IVPEEPSDSEK
✓	441	561.7800	1121.5454	1121.6193	-0.0739	0	12	2.9e+002	1	QTPPRPTTPK
✓	321	449.6500	897.2854	896.4273	0.8581	1	12	2e+002	1	SMETASKK + Oxidation (M)
✓	571	636.6900	1271.3654	1271.6510	-0.2855	0	12	2.4e+002	1	GELPFLSPEGAR
✓	724	720.6400	2158.8982	2157.0922	1.8060	1	12	5.9e+002	1	LQEMAPVLCSEVVKQAAER
✓	582	643.7200	1285.4254	1285.7466	-0.3212	1	12	2.5e+002	1	RVTVLGATGSIGR
✓	970	635.9000	1904.6782	1905.8569	-1.1788	1	12	2e+002	1	MTFSMNLQLGRMTQCGK + 2 Oxidation (M)
✓	804	544.0800	1629.2182	1628.7365	0.4816	0	12	2.1e+002	1	MESETHINHQGNK + Oxidation (M)
✓	865	584.5100	1750.5082	1750.7701	-0.2620	2	12	2e+002	1	SMGDYGCMLRAYRR + Oxidation (M)
✓	890	600.3000	1797.8782	1797.9697	-0.0915	1	12	2.6e+002	1	VVREGGLSAEQVQTAVR
✓	253	393.1800	1176.5182	1175.7026	0.8156	0	12	8.8e+002	1	LKPLLEAAGHK
✓	262	400.4500	798.8854	798.4276	0.4579	0	12	2.2e+002	1	ASLFSFK
✓	405	528.8000	1055.5854	1054.5995	0.9859	2	12	3e+002	1	AVARINAARN
✓	989	642.9000	1925.6782	1924.9254	0.7528	0	12	1.9e+002	1	HTSAEWGMVFPAGPLPR + Oxidation (M)
✓	1184	779.1100	2334.3082	2332.2290	2.0792	0	12	2.2e+002	1	FFFIPEEVHVLPGSSSLIMVR + Oxidation (M)
✓	869	589.9000	1766.6782	1766.8886	-0.2104	2	12	2.2e+002	1	KAADALKHPNWNMGAK + Oxidation (M)
✓	1157	761.3100	2280.9082	2281.1736	-0.2654	1	12	1.9e+002	1	DMNADLAAEALKNIIPNSIPR + Oxidation (M)
✓	309	435.8600	1739.4109	1739.8955	-0.4846	2	12	7.3e+002	1	TGAVATFGEKYGERVR
✓	761	748.9300	1495.8454	1496.8021	-0.9566	0	12	6.1e+002	1	APLAAEAMGVAAGQIK
✓	217	372.8200	743.6254	743.4177	0.2077	0	12	3.7e+002	1	IIQGDAK
✓	431	553.4200	1104.8254	1103.5281	1.2973	0	12	2.7e+002	1	QMSPGSGIPSK + Oxidation (M)
✓	498	597.0200	1192.0254	1190.5390	1.4864	0	12	2.3e+002	1	SHQVPFSDMK + Oxidation (M)
✓	867	587.6600	1759.9582	1760.9156	-0.9574	1	12	2.7e+002	1	EVSTAKSSLQENLDLK
✓	738	484.7900	1451.3482	1449.8303	1.5178	1	12	2.1e+002	1	AGAVESNLKALLHK
✓	1182	778.4400	2332.2982	2331.2177	1.0804	1	12	2.2e+002	1	EALMAQISTNIEQLMKAPSLK + Oxidation (M)
✓	1107	733.1300	2196.3682	2195.1797	1.1884	1	12	2e+002	1	DAEATLPLVEDAAQTIVIGKVR
✓	368	494.9400	987.8654	987.4994	0.3661	0	12	2.9e+002	1	MNPIGLGMR
✓	1141	563.9800	2251.8909	2250.1545	1.7364	1	12	1.9e+002	1	AYPIAFNAANEEAVRAFLQR
✓	861	871.2400	2610.6982	2609.2804	1.4178	1	12	5e+002	1	EQVEGGMGAALMSIKLQFWAPMTR + Oxidation (M)
✓	413	536.1700	1070.3254	1069.6608	0.6647	1	12	2.5e+002	1	NVLRLLSGAK
✓	511	603.9700	1205.9254	1204.6598	1.2657	1	12	2.4e+002	1	SGLMTRKPKATK + Oxidation (M)
✓	551	622.7800	1243.5454	1243.6309	-0.0855	1	12	3.3e+002	1	ELRQLWEDR
✓	1070	713.5900	2137.7482	2138.0617	-0.3136	1	12	1.9e+002	1	DHHTLFSNVQRVQSVSER
✓	389	522.4300	1042.8454	1043.5723	-0.7269	2	12	6.9e+002	1	QIDGKRAEK
✓	539	617.4200	1232.8254	1233.6751	-0.8497	1	12	3.1e+002	1	DAVVKTVMTVR + Oxidation (M)
✓	468	581.0200	1160.0254	1158.6972	1.3283	1	12	2.6e+002	1	SLSNKASVLIK
✓	618	654.6800	1307.3454	1305.6942	1.6513	1	12	2.3e+002	1	GPHHLEYLGRK
✓	454	571.5900	1141.1654	1141.5476	-0.3821	1	12	2.4e+002	1	SYSRATSSQR
✓	483	585.3400	1168.6654	1168.5580	0.1074	2	12	3e+002	1	DERMMKSLK + 2 Oxidation (M)
✓	293	425.0500	848.0854	846.4559	1.6295	0	12	2.9e+002	1	GISASSLGR
✓	1142	752.0400	2253.0982	2252.0612	1.0369	2	12	2.4e+002	1	MSKQAIRLTQYSHGAGCGCK
✓	443	563.1600	2248.6109	2249.1698	-0.5589	2	12	6.3e+002	1	KPKGEANPQGGSMVPARKPER + Oxidation (M)
✓	1066	711.6700	2131.9882	2131.1459	0.8423	2	12	2.5e+002	1	NILDHTNIMIKKSNSFK + Oxidation (M)
✓	1217	631.4800	2521.8909	2520.3628	1.5281	0	12	1.7e+002	1	VLGALFYAPESAEEAPLVAVLTR
✓	657	671.7200	1341.4254	1340.6004	0.8251	1	12	2.5e+002	1	DGQSRGPMGHGSR
✓	722	478.2500	1431.7282	1432.8184	-1.0902	2	12	3.2e+002	1	RLSGMSLKGLLR + Oxidation (M)
✓	734	723.4200	2167.2382	2168.2641	-1.0259	2	12	7.3e+002	1	ARLIRDGVVVSDLTVTSLR
✓	1022	667.4100	1999.2082	1997.0443	2.1639	2	12	2.4e+002	1	AGLPHTGKVSFLDGRGTGER
✓	1099	726.3200	2175.9382	2175.0664	0.8718	2	12	2.3e+002	1	GMETDKVDNNSISGKVHALK + Oxidation (M)
✓	974	637.4800	1909.4182	1907.8465	1.5716	1	12	2.1e+002	1	SLEFPMGRSNSEAMPSGSR + Oxidation (M)
✓	1252	698.2200	2788.8509	2787.4239	1.4270	1	12	1.6e+002	1	MGFPEVDHSAVVSRSVHGQPLLNV
✓	248	388.0200	774.0254	773.4283	0.5972	1	12	3.4e+002	1	EKIAEGK
✓	1259	707.6600	2826.6109	2826.3216	0.2893	1	12	1.8e+002	1	HCSPPNNNNNTSNKTHLLGLYGQSR
✓	193	359.1600	716.3054	716.3704	-0.0650	0	12	4.8e+002	1	EAADLAK
✓	835	850.9600	2549.8582	2549.5342	0.3240	2	12	6.2e+002	1	ISGAKNAALPLIAMSILAKNIVTIK
✓	733	723.2600	1444.5054	1444.7521	-0.2467	2	12	2.6e+002	1	KVSAKIDDENAAGK
✓	876	892.4900	2674.4482	2673.5316	0.9165	2	12	6.4e+002	1	LYAIRDVTATVDSVPLITASILSKK
✓	341	467.4800	932.9454	932.5556	0.3899	2	12	2.9e+002	1	IKGFGQKR
✓	1035	504.7000	2014.7709	2014.9816	-0.2107	0	12	2.2e+002	1	HPALLMVDGVSSVSGSLDMR + 2 Oxidation (M)
✓	225	375.9400	749.8654	750.3734	-0.5080	0	12	2.6e+002	1	CFSPIK
✓	742	488.8600	1463.5582	1464.6337	-1.0755	0	12	2.8e+002	1	EVGNDQIMVCER + Oxidation (M)

✓	1183	584.5100	2334.0109	2335.1525	-1.1416	2	12	2.3e+002	1	RVVYVSCNPATLARDAGEMAR
✓	1215	1259.0100	3774.0082	3774.7975	-0.7893	1	12	3.7e+002	1	IGAIRDNLSETASTMALAGASITGSLSGSAMVNCFNH + 2 Oxidat:
✓	1246	670.6200	2678.4509	2677.3370	1.1139	2	12	2.1e+002	1	RFQGHMIEAFKMGAPPHGGIAPGLDR + Oxidation (M)
✓	246	771.8900	770.8827	771.4490	-0.5663	0	12	2.8e+002	1	ELAVAAAK
✓	1061	704.9800	2111.9182	2112.9586	-1.0405	2	12	2.5e+002	1	RGHQWQSSSSHGRSPYGDH
✓	400	526.9000	1051.7854	1050.5709	1.2145	1	12	2.3e+002	1	AIATEGSFKK
✓	789	794.7700	1587.5254	1587.8151	-0.2896	2	12	6.3e+002	1	QQDAIGAERRSMVK
✓	535	616.4000	1230.7854	1228.6274	2.1580	0	12	3.6e+002	1	YGIAMVFTGVR + Oxidation (M)
✓	784	526.4700	1576.3882	1575.7174	0.6708	0	12	2.4e+002	1	SLEVMCHPAYVDR
✓	641	661.6600	1321.3054	1319.6656	1.6398	0	12	2.4e+002	1	TAPISPPMDVHR
✓	737	484.7800	1451.3182	1450.8772	0.4409	1	12	2.4e+002	1	QVVFHALGALRLK
✓	1126	745.3000	2232.8782	2233.2794	-0.4012	1	12	2.2e+002	1	LDPSAPVTVALLAAGIVSRVR
✓	1204	614.4900	2453.9309	2453.3073	0.6236	2	12	1.9e+002	1	LNTLQRSLAMHAGHTSPAPAPKR
✓	651	666.7700	1331.5254	1331.7271	-0.2017	1	12	3.3e+002	1	MGHKVYLVEIK + Oxidation (M)
✓	1242	659.5600	2634.2109	2634.2889	-0.0780	0	12	2.2e+002	1	DLQLMALEQLCMLLLMADNIDR + Oxidation (M)
✓	794	802.7700	1603.5254	1601.8373	1.6881	0	12	2.5e+002	1	TVEASAGGAVTVVATGR
✓	585	643.7500	1285.4854	1286.6255	-1.1401	0	12	3.2e+002	1	NEPFGTPEQLR
✓	660	673.4700	1344.9254	1344.6343	0.2911	0	12	3.1e+002	1	ASLMTNSEDIHK
✓	875	594.2600	1779.7582	1780.8811	-1.1230	2	12	2.8e+002	1	DSGIDMDMLRKIISR + 2 Oxidation (M)
✓	1040	676.0200	2025.0382	2026.0748	-1.0367	1	12	2.8e+002	1	EHGQTSKAYQFLVLHLR
✓	1289	601.3200	3001.5636	3001.5985	-0.0349	2	12	2e+002	1	RTIEAVKGVTVTHINQSDIYGVYSGAGK
✓	374	502.7400	2006.9309	2007.0174	-0.0865	1	12	9.6e+002	1	AETARTAPAVDFVGGAVGYR
✓	673	677.6300	1353.2454	1353.7001	-0.4546	1	12	2.5e+002	1	IPEGRAGAVAGDGGK
✓	373	502.6900	2006.7309	2006.0983	0.6326	0	12	8.9e+002	1	LANVPHLNDISTMIALLR + Oxidation (M)
✓	523	611.9600	1221.9054	1222.6346	-0.7292	1	12	2.6e+002	1	DIYPTPSFRK
✓	787	791.9600	1581.9054	1581.7973	0.1081	2	12	6.8e+002	1	MSYKGFPPSHSKVSK
✓	791	800.3000	1598.5854	1598.7358	-0.1504	1	12	6.1e+002	1	ELEQEAHKMAEER
✓	1096	434.8900	2169.4136	2169.0710	0.3426	1	12	2.2e+002	1	MYIYGADHRISNCSLLK + Oxidation (M)
✓	1250	1384.8300	5535.2909	5533.9219	1.3690	2	12	3.3e+002	1	MEAVVNLVHELMKHADPRIQSYPLMGSPLLITSILLTVVYFILSLGPR
✓	319	449.6300	897.2454	896.5120	0.7335	1	12	2.3e+002	1	FGFIASKK
✓	364	493.8900	985.7654	986.5760	-0.8106	1	12	3.5e+002	1	ELLQSAKAK
✓	795	803.9000	1605.7854	1605.9202	-0.1348	1	11	3.3e+002	1	LIEGTAALVPPQGGRK
✓	474	581.9800	1161.9454	1160.7030	1.2425	1	11	2.9e+002	1	KNVPVGIAHVK
✓	802	814.7700	2441.2882	2439.2389	2.0493	0	11	6.6e+002	1	IITMLPSSMNAVEVYSGANGILK + 2 Oxidation (M)
✓	1213	625.7800	2499.0909	2500.2003	-1.1094	0	11	2.3e+002	1	EKPEVGPDLNLLISEMGEESGNK + Oxidation (M)
✓	594	645.6300	2578.4909	2579.2360	-0.7451	0	11	7.9e+002	1	EFITDLISSGLAHEAMVISTCNH + Oxidation (M)
✓	1053	692.1400	2073.3982	2073.2198	0.1784	2	11	2.2e+002	1	AKTSGKTAAYVLPVLSGILK
✓	1087	719.3300	2154.9682	2154.1653	0.8029	2	11	2.8e+002	1	LHLVVSQTKDRVMMIEAGAK
✓	556	625.6800	1249.3454	1247.6656	1.6799	2	11	7.9e+002	1	RDNTKMTAALK
✓	746	733.2000	1464.3854	1462.7602	1.6252	0	11	2.6e+002	1	EAAINFLVGQVMH + Oxidation (M)
✓	1078	715.1600	2142.4582	2142.0788	0.3794	1	11	2.2e+002	1	MLNTNYHLPPSPKPMKMK + Oxidation (M)
✓	663	674.8700	1347.7254	1348.7206	-0.9952	2	11	3.6e+002	1	IKAMEMKQINK + Oxidation (M)
✓	1339	841.6500	4203.2136	4204.0820	-0.8684	0	11	1.1e+002	1	FGMYHLAEMVAEEGALAIVDGSLSLQVASTLNLILATR + Oxidat
✓	1236	651.0200	2600.0509	2600.3558	-0.3049	2	11	2e+002	1	ETLDRVNRQQLIIDQNEFLK
✓	563	629.6500	1257.2854	1256.6475	0.6380	1	11	2.9e+002	1	LPEYMKVSFK + Oxidation (M)
✓	519	607.3000	1818.8782	1816.8917	1.9865	0	11	9.4e+002	1	GISEGTVYSYLAMAVEK
✓	1016	659.6700	1975.9882	1976.9772	-0.9890	2	11	3e+002	1	DSIRGQMPSSRLGDIAMK + Oxidation (M)
✓	603	432.6700	1294.9882	1293.6928	1.2953	1	11	2.6e+002	1	AAQLETSKAFK
✓	780	519.5700	1555.6882	1553.9075	1.7806	1	11	3.4e+002	1	MALAGPSRLALAVR + Oxidation (M)
✓	827	845.0000	1687.9854	1687.7658	0.2197	0	11	3.3e+002	1	CMQETDASIQLHGAK
✓	1047	683.2900	2046.8482	2045.1044	1.7437	0	11	2.7e+002	1	RPVSIQIETLVYIEIK
✓	394	525.3700	1048.7254	1047.5383	1.1872	1	11	3.7e+002	1	RLGSSVMSAL
✓	806	550.0000	1646.9782	1645.7664	1.2117	0	11	3.3e+002	1	SRPSSAGPCASKPCGK
✓	833	849.9000	3395.5709	3393.7813	1.7896	1	11	7e+002	1	DGNIAAIGKAGNPLMDGVNIVIGASTEVIAAEGK + Oxidation
✓	793	801.1800	2400.5182	2399.1205	1.3977	0	11	6.7e+002	1	DGPSAGCTMITSMLSLAMGKPVK + 3 Oxidation (M)
✓	1133	1120.9600	2239.9054	2238.1354	1.7700	2	11	4.9e+002	1	TRKTDIFAAPLQEMIDFK
✓	732	482.4500	1444.3282	1444.6881	-0.3600	1	11	2.8e+002	1	ARFMFGSNGLSR + Oxidation (M)
✓	1101	727.5600	2179.6582	2179.0157	0.6425	1	11	2.2e+002	1	LRWAFSMYDLGNGYISR + Oxidation (M)
✓	342	468.3300	934.6454	932.4940	2.1514	2	11	4e+002	1	RGYPRER
✓	607	649.2400	1296.4654	1295.7925	0.6730	1	11	2.9e+002	1	EIAAKRPGLITK
✓	834	567.5000	1699.4782	1698.8182	0.6600	0	11	2.6e+002	1	VVMMSPGQVTLNHDR + Oxidation (M)
✓	667	451.3300	1350.9682	1350.7507	0.2175	0	11	2.8e+002	1	TLGPDAPAVIEIR
✓	753	740.1100	2217.3082	2215.9660	1.3422	2	11	7.5e+002	1	TIEGPDYGMREVMERR + 2 Oxidation (M)
✓	774	511.0400	1530.0982	1528.6432	1.4549	2	11	2.8e+002	1	MKDMGTECRDVR + 2 Oxidation (M)
✓	845	572.6300	1714.8682	1712.9032	1.9650	2	11	3.5e+002	1	EYSNLRQIIFMK + Oxidation (M)
✓	1032	670.3700	2008.0882	2008.9353	-0.8471	2	11	3e+002	1	YFDKVPKMFANYDEAR + Oxidation (M)
✓	447	565.7400	2258.9309	2259.1616	-0.2307	2	11	9e+002	1	IISFKELHEAVCRGLGNAMR + Oxidation (M)
✓	355	487.5500	973.0854	972.5240	0.5614	0	11	3.5e+002	1	TLLASTDPR
✓	520	608.4800	1214.9454	1213.6931	1.2523	1	11	3.1e+002	1	YFVLPISINRR
✓	994	647.9000	1940.6782	1938.9646	1.7135	2	11	2.4e+002	1	TATENLIKYDQKSSADR
✓	1323	575.0900	3444.4963	3442.7166	1.7798	2	11	1.6e+002	1	FRHNRLVALYAVCSQSEPIYIVQEYMSK
✓	1146	753.9000	2258.6782	2258.2207	0.4574	1	11	2.2e+002	1	QMVMTVFTLPGFNTVFKLIK + Oxidation (M)
✓	366	494.9000	987.7854	986.4821	1.3033	0	11	3.8e+002	1	QYESVPHK
✓	576	640.1000	1278.1854	1278.8136	-0.6281	1	11	2.8e+002	1	SIPIKPTRVIR
✓	1226	641.5900	2562.3309	2562.2458	0.0851	1	11	2.6e+002	1	LPDASQCSSFLTVMPTKSEALHK + Oxidation (M)
✓	1294	761.0500	3040.1709	3039.5665	0.6044	2	11	1.7e+002	1	GVAQHIAAFAPKYLKEDVPAEVVESER
✓	1300	617.8700	3084.3136	3084.5840	-0.2704	2	11	1.8e+002	1	AVRSLEIGVHHVEEPALRSVDDVLSDK
✓	550	622.7600	1243.5054	1243.6408	-0.1354	0	11	3.9e+002	1	SVQLPSQGSQSVK
✓	1109	733.9000	2198.6782	2199.0201	-0.3419	2	11	2.3e+002	1	EAKENHTPEMKHFMGLER + Oxidation (M)
✓	1122	744.2600	2229.7582	2228.1947	1.5635	2	11	2.3e+002	1	VRALSKLGCNVTIISEDITPR
✓	1185	586.2500	2340.9709	2342.0146	-1.0437	1	11	2.5e+002	1	IEKTDSDSGFEEADGANDVTSR

✓	478	582.9200	1745.7382	1744.7106	1.0276	2	11	8.8e+002	1	KMMKDDYEMEEHK + 2 Oxidation (M)
✓	669	676.7200	1351.4254	1351.8663	-0.4409	2	11	2.9e+002	1	SLLRLIVTPKGR
✓	168	347.8100	693.6054	692.2912	1.3143	0	11	2.7e+002	1	GAGDMAR + Oxidation (M)
✓	277	416.1000	830.1854	829.4658	0.7197	0	11	4.3e+002	1	GLDISGLR
✓	288	423.0000	843.9854	843.4702	0.5153	0	11	4.1e+002	1	AEIVEVGK
✓	554	625.2200	1872.6382	1870.9546	1.6836	1	11	8.2e+002	1	KEMLFGSLARPGHPMGK + Oxidation (M)
✓	359	489.3700	976.7254	977.5182	-0.7927	0	11	4e+002	1	DNVYQIVK
✓	337	308.2600	921.7582	922.4331	-0.6749	0	11	3e+002	1	SGPGFMGVR + Oxidation (M)
✓	764	755.2100	2262.6082	2261.1660	1.4422	0	11	6.8e+002	1	AGLTEIMVAMNHLIHPQIK + 2 Oxidation (M)
✓	570	634.4600	1266.9054	1266.5815	0.3239	1	11	2.9e+002	1	YRAMPDGQWK + Oxidation (M)
✓	785	789.8600	2366.5582	2365.1633	1.3949	0	11	7.8e+002	1	LAVGPCLMEASAAAVSHFIMK + Oxidation (M)
✓	856	579.5800	1735.7182	1733.9285	1.7897	2	11	3.2e+002	1	GHPTAQIRDNALSKAR
✓	851	576.0100	1725.0082	1724.9825	0.0257	0	11	3.3e+002	1	VPLADVFGVEIQLAVR
✓	278	416.1100	830.2054	828.3687	1.8367	0	11	4.4e+002	1	DGLMSYK + Oxidation (M)
✓	302	431.3600	860.7054	860.4240	0.2815	0	11	4.1e+002	1	ADGAQVSTL
✓	85	598.5600	597.5527	598.3187	-0.7660	1	11	1.7e+002	1	SHSRL
✓	325	453.6500	905.2854	906.4229	-1.1374	0	11	4.3e+002	1	GNTAIEMR + Oxidation (M)
✓	1062	705.3200	2112.9382	2114.0069	-1.0687	1	11	3e+002	1	GTVTTSDDGTNIFYKDWGPR
✓	808	550.4300	1648.2682	1646.9719	1.2963	0	11	2.8e+002	1	ITKPALLVLNHETAK
✓	479	583.3700	1164.7254	1164.5411	0.1843	0	11	3.9e+002	1	GSDEKPYDVR
✓	510	603.0800	1204.1454	1203.6645	0.4809	2	11	3.3e+002	1	TIKKINEACK
✓	801	809.4100	2425.2082	2423.0383	2.1699	2	11	8.7e+002	1	TCYEGNGHFYRGKASTDTMGR + Oxidation (M)
✓	1155	570.7200	2278.8509	2278.1805	0.6704	2	11	2.4e+002	1	LLETTGALSDREKTNQFLDK
✓	1186	590.5500	2358.1709	2358.2478	-0.0769	2	11	3e+002	1	EDPVHGIMVAGLSRIKVSADK
✓	880	449.7100	1794.8109	1794.9298	-0.1189	2	11	3.4e+002	1	VEGNSVFLEGVMSRKK + Oxidation (M)
✓	1140	751.5100	2251.5082	2250.1565	1.3516	1	11	2.3e+002	1	KIVSALISSNNHVMSEIYK + Oxidation (M)
✓	754	494.0100	1479.0082	1478.7953	0.2128	2	11	3e+002	1	FSRRSEIASALSR
✓	1315	842.8600	3367.4109	3365.7152	1.6957	2	11	1.6e+002	1	TWGKSTIMAEYGLYGAMVRHSLPLPETITK + Oxidation (M)
✓	480	583.3700	1164.7254	1163.5717	1.1538	2	11	3.9e+002	1	DGRDRILMSAK + Oxidation (M)
✓	525	612.9000	1223.7854	1222.6055	1.1800	0	11	3.6e+002	1	EGNITGGHPVSR
✓	653	445.6900	1334.0482	1334.7380	-0.6898	1	11	3.1e+002	1	KPFAIKVMETR + Oxidation (M)
✓	270	412.1200	822.2254	821.3589	0.8665	0	11	3.4e+002	1	SMGLNVEG + Oxidation (M)
✓	690	686.6000	1371.1854	1369.7313	1.4541	1	11	3.1e+002	1	ERLLQELQGER
✓	1286	746.9500	2983.7709	2983.1050	0.6659	2	11	2e+002	1	MVCKGCGTNCQCSAQKCGDNCACNK + Oxidation (M)
✓	452	569.6100	2274.4109	2273.2202	1.1907	2	11	9.2e+002	1	VVTLTKTVADVADAIRDMWVR + Oxidation (M)
✓	303	864.6400	863.6327	862.4443	1.1884	1	11	4.3e+002	1	VSAMRQR + Oxidation (M)
✓	461	576.1000	1150.1854	1148.5284	1.6570	0	11	3.1e+002	1	SCPFTGANAPK
✓	1267	713.8500	2851.3709	2849.4599	1.9110	2	11	2.6e+002	1	YLVPEEKPEVYNPFKQVEVKTQR
✓	1209	830.5100	2488.5082	2488.3737	0.1345	2	11	2.4e+002	1	LGKSPAQVALRWGLQMGHSVLPK + Oxidation (M)
✓	676	678.8000	1355.5854	1355.6577	-0.0723	1	11	4e+002	1	MMQLEFLR + 2 Oxidation (M)
✓	1091	721.3700	2161.0882	2161.1266	-0.0384	2	11	3.4e+002	1	TTGNLPESDILKAIEAFKK
✓	1177	1158.8000	3473.3782	3471.8469	1.5313	2	11	5e+002	1	SALNLLSKMEETHIKPDVVIYSALIDRLCK + Oxidation (M)
✓	75	591.8200	590.8127	590.2547	0.5580	1	11	3.8e+002	1	KADEE
✓	562	628.3700	1254.7254	1252.6095	2.1160	2	11	1e+003	1	DFMARQRTGR + Oxidation (M)
✓	1089	721.3000	2160.8782	2159.9728	0.9054	1	11	2.9e+002	1	HKSIHTGEKPYTCCECGK
✓	1103	729.2500	2184.7282	2182.9657	1.7625	1	11	2.5e+002	1	MKDLNAADVGDGAMAMVEGSAR + 2 Oxidation (M)
✓	1195	601.1200	2400.4509	2399.1038	1.3471	0	11	2.6e+002	1	IMYGTAMWDPLQIANNTWSR + 2 Oxidation (M)
✓	354	487.5400	973.0654	971.5189	1.5466	0	11	3.9e+002	1	GALQVNWGK
✓	271	412.1500	822.2854	823.4552	-1.1697	0	11	3.9e+002	1	VAAEIGHK
✓	968	635.8200	1904.4382	1903.8404	0.5978	0	11	2.7e+002	1	VPSPPMAAGDSGESTMAQR + Oxidation (M)
✓	897	603.9600	1808.8582	1809.8461	-0.9880	2	11	3.7e+002	1	ADNNSLDRIMASKGMR + 2 Oxidation (M)
✓	935	931.2100	2790.6082	2790.4222	0.1860	2	11	7.1e+002	1	LSRMGATPTPFKSTGDIAGTVVPETNK + Oxidation (M)
✓	249	779.1400	778.1327	778.4562	-0.3235	1	11	3.8e+002	1	RIPTHR
✓	873	592.7900	1775.3482	1776.0046	-0.6565	1	11	2.9e+002	1	FSFGQATPRTLGIIR
✓	463	578.1900	2308.7309	2308.1421	0.5888	1	11	8.7e+002	1	LSHKNTGSLNLSHSDVPSHVS
✓	220	748.3000	747.2927	747.3551	-0.0624	0	11	5.6e+002	1	TPYDPR
✓	455	572.6100	1143.2054	1143.6434	-0.4379	1	11	3.5e+002	1	KPRTAMSLPK + Oxidation (M)
✓	573	638.9300	1275.8454	1276.6445	-0.7990	2	11	4.2e+002	1	KLQAREMEK + Oxidation (M)
✓	945	626.3800	1876.1182	1876.9386	-0.8205	1	11	3.5e+002	1	DVIMLLGNKADMSSE
✓	398	526.8100	1051.6054	1050.6073	0.9981	1	11	3.9e+002	1	KALPPAPETK
✓	564	631.6000	1261.1854	1260.7051	0.4804	1	11	3.5e+002	1	HEGGRLPGLLGR
✓	694	696.2400	2780.9309	2781.2222	-0.2913	1	11	8.2e+002	1	YTASGPVMDFVSNNNSVSTCSDAKK + Oxidation (M)
✓	1273	575.8300	2874.1136	2874.4796	-0.3660	2	11	2.1e+002	1	AQEANMNLLEVLKQELRIDYK
✓	643	662.9600	1323.9054	1323.6671	0.2384	1	11	3.4e+002	1	VFSGLADDSKGTK
✓	810	552.5500	1654.6282	1653.0301	1.5980	2	11	3.3e+002	1	KVIVTGGSRGIGLIVK
✓	190	359.0400	716.0654	714.3912	1.6743	1	11	5e+002	1	LASKAEP
✓	581	642.7200	1283.4254	1282.6339	0.7915	0	11	3.4e+002	1	IDIDHAAEMIR
✓	621	656.1300	1310.2454	1308.6642	1.5812	1	11	3e+002	1	MTRAVLTGGMR + Oxidation (M)
✓	1145	752.6700	2254.9882	2254.0866	0.9016	1	11	3.1e+002	1	AEVVTGPEHSEVSKHAAESYK
✓	1332	766.3200	3826.5636	3826.7778	-0.2142	0	11	1.4e+002	1	STVGPCDSELPDYQAVVAEDTAMPTLQSPQQAHR + Oxidation (M)
✓	700	700.9900	1399.9654	1398.7520	1.2134	2	11	3.8e+002	1	WKKRPQDWQK
✓	1077	714.9800	2141.9182	2143.1055	-1.1873	2	11	3.1e+002	1	IDRSMLESLSQKAPPTAR + Oxidation (M)
✓	1309	789.3600	3153.4109	3151.7142	1.6967	2	11	2.1e+002	1	LRQSGVFLNTTEGVLLQLVQDAKHPNFK
✓	666	675.7700	1349.5254	1348.6333	0.8922	0	11	4e+002	1	LEEWLANDTMK
✓	130	648.3900	647.3827	645.3268	2.0559	0	11	6.1e+002	1	AMTAPR
✓	635	660.2900	1318.5654	1319.6933	-1.1278	1	11	4.5e+002	1	DGKVGSVTLESTK
✓	544	620.7700	1239.5254	1238.6156	0.9098	0	11	4.1e+002	1	WNSHGLVAREAR
✓	1170	766.4200	2296.2382	2294.1583	2.0799	1	11	3.3e+002	1	LESPEPLKTFNQGGYVYQPK
✓	548	622.2400	1242.4654	1242.6932	-0.2277	0	11	4e+002	1	SRPLASGEVTVK
✓	631	659.5800	1317.1454	1315.7095	1.4359	2	11	3.5e+002	1	EEAASPLKSTKR
✓	817	840.3700	1678.7254	1678.6605	0.0649	1	11	3.8e+002	1	GMGNMQGMMKQMQK + 5 Oxidation (M)

✓	1026	668.1600	2001.4582	2001.0201	0.4381	2	11	2.8e+002	1	GDNVDDMRPEKIDKILK + Oxidation (M)
✓	1281	585.4900	2922.4136	2921.3721	1.0415	2	11	2.6e+002	1	QKVCPCESAEIYDPERGEIVCAK
✓	378	508.6800	1015.3454	1014.5247	0.8208	0	10	4.6e+002	1	NWQQVNVK
✓	627	439.1100	1314.3082	1314.7044	-0.3962	2	10	3.5e+002	1	IFEGKHKDSVR
✓	416	538.1600	1074.3054	1072.4421	1.8633	0	10	4.1e+002	1	NQNAPADENT
✓	1241	876.4100	2626.2082	2624.2080	2.0002	1	10	2.9e+002	1	MQEHSQVVPVGHIPRSMTIMCR + Oxidation (M)
✓	601	648.2100	1294.4054	1292.6832	1.7223	2	10	3.3e+002	1	KSPVSEKIMMK + Oxidation (M)
✓	1029	668.9000	2003.6782	2001.9255	1.7527	0	10	2.9e+002	1	DNGGMLVWSPYHSIPDAK + Oxidation (M)
✓	541	618.2900	1234.5654	1234.6306	-0.0651	1	10	4.5e+002	1	RLSQNTPEYK
✓	577	640.5400	2558.1309	2556.3271	1.8038	1	10	9.1e+002	1	SFLNLAKSNIHTLIPGYTHMQR + Oxidation (M)
✓	284	421.4800	840.9454	841.4519	-0.5064	2	10	3e+002	1	RGVPGRSGG
✓	1245	666.2700	2661.0509	2659.1789	1.8720	2	10	2.4e+002	1	ASACAGCPNQGVCSDPNKKLEDPGK
✓	1129	747.2200	2238.6382	2237.1362	1.5020	1	10	2.6e+002	1	EASEGCVLASSKQGFASIVAVK
✓	423	544.0900	1086.1654	1084.5877	1.5778	0	10	3.9e+002	1	NDLQVIVER
✓	515	605.5900	1209.1654	1208.6302	0.5352	0	10	3.2e+002	1	QGQPVFWELR
✓	717	713.2100	2136.6082	2137.1545	-0.5463	2	10	8.3e+002	1	APERGPSPRPGRKGLFAFSAR
✓	953	631.0300	1890.0682	1890.9986	-0.9304	1	10	4e+002	1	GSRVLVVCSELTAPTFR
✓	625	657.6900	1313.3654	1313.6761	-0.3107	1	10	3.6e+002	1	MSVLIDEKSHR
✓	716	712.3300	2845.2909	2843.3072	1.9837	2	10	1.1e+003	1	AGTGGDEASIFSGDLFKMYSKYAEQR + Oxidation (M)
✓	1139	750.6100	2248.8082	2248.2361	0.5721	2	10	2.8e+002	1	LDEMLVARNQKLQHAIELK
✓	1306	625.1400	3120.6636	3121.5430	-0.8794	1	10	2.5e+002	1	VAAWYDNEMSYTAQLVRTLAYLAELSK + Oxidation (M)
✓	956	632.3100	1893.9082	1894.9207	-1.0125	2	10	4e+002	1	GENVEGQFSELKKMGSR
✓	1049	1026.0800	2050.1454	2051.1197	-0.9743	1	10	7.1e+002	1	MGIKGLNSIITEHVPSAIR + Oxidation (M)
✓	756	494.9000	1481.6782	1482.7354	-1.0573	1	10	4.3e+002	1	ADFIVEYNEKQK
✓	329	455.7100	909.4054	910.5600	-1.1545	2	10	4e+002	1	KKTPAAPAK
✓	698	698.6800	1395.3454	1395.7445	-0.3991	2	10	3.3e+002	1	MPVFQSKTFRR
✓	709	706.2400	2115.6982	2114.0136	1.6845	1	10	8.7e+002	1	GVEKQNSMVMTVMLGEFR + Oxidation (M)
✓	1050	1034.0800	2066.1454	2065.9541	0.1914	0	10	7.4e+002	1	NFPGAPRPSHGCLDWAR
✓	490	589.0300	1176.0454	1176.6390	-0.5936	0	10	3.9e+002	1	IASPVTELYGK
✓	685	685.1400	1368.2654	1367.7045	0.5610	1	10	3.5e+002	1	NGESVEKIVEHK
✓	958	632.5800	1894.7182	1894.9384	-0.2203	2	10	3.3e+002	1	TNKEEHLQDSVPENK
✓	1308	630.8800	3149.3636	3149.5937	-0.2300	2	10	2.3e+002	1	FCVLTYMHLVACGAVPAGSATRLRDAVAK + Oxidation (M)
✓	557	625.7100	1249.4054	1247.6543	1.7511	1	10	3.9e+002	1	AMTFLSRESLK + Oxidation (M)
✓	609	649.6300	1945.8682	1946.9594	-1.0912	1	10	1e+003	1	MYILTGPNMSGKSTYIR + Oxidation (M)
✓	823	561.0200	1680.0382	1677.8475	2.1907	0	10	4e+002	1	YNGTIHFANTGVASVK
✓	195	720.2600	719.2527	718.4047	0.8480	0	10	5.9e+002	1	CSIIVK
✓	561	627.7000	1253.3854	1251.5918	1.7937	0	10	3.5e+002	1	FSPSISDAAMAR
✓	1056	1039.2300	3114.6682	3113.5889	1.0793	1	10	7.1e+002	1	IPAMMNYTAGVKGLSSAIAAAEINTIFTSR + Oxidation (M)
✓	311	435.9100	869.8054	868.4191	1.3863	0	10	3.5e+002	1	FSAFNQR
✓	111	626.8700	625.8627	625.2563	0.6064	1	10	2e+002	1	NMKSM + Oxidation (M)
✓	388	520.0600	1038.1054	1038.5498	-0.4444	0	10	3.3e+002	1	AADFLATYR
✓	612	652.0200	1953.0382	1954.0596	-1.0214	2	10	1.1e+003	1	ITRAGGVDVSSGVERAPGVK
✓	1098	544.5300	2174.0909	2175.1032	-1.0123	1	10	3.8e+002	1	TNPVLADAIRDAEELGAHGR
✓	327	454.0600	906.1054	904.5018	1.6036	0	10	4.4e+002	1	VPVFSTQK
✓	813	838.6100	2512.8082	2513.4729	-0.6647	1	10	8.2e+002	1	GPLYTLVLLVAMLGAMIGLSKVPLK + Oxidation (M)
✓	1296	765.4600	3057.8109	3056.4439	1.3670	2	10	2.3e+002	1	DISLAPFGKMQMEISENEMPGLMRIR + 4 Oxidation (M)
✓	376	506.7200	1011.4254	1010.4968	0.9287	0	10	4.4e+002	1	ITLCDPHR
✓	574	639.6800	1277.3454	1276.6558	0.6897	2	10	3.9e+002	1	QGRVSVNKMdk + Oxidation (M)
✓	874	890.3300	2667.9682	2666.1954	1.7728	0	10	7.7e+002	1	EAMVDMGLDPSLFTIDCLEYYGK
✓	1274	721.3000	2881.1709	2882.2821	-1.1112	1	10	2.5e+002	1	MWSYKQDMCLMVADMLEYVPVNK + 2 Oxidation (M)
✓	226	376.8700	751.7254	750.3872	1.3383	0	10	3e+002	1	TTSSLR
✓	976	637.8800	1910.6182	1908.9438	1.6744	1	10	3.2e+002	1	MLSVSVWDKSMVGAVER + Oxidation (M)
✓	978	956.8900	2867.6482	2867.1008	0.5473	0	10	7.9e+002	1	KPAVPADPGMGGMGGMGGMGGMGGMGF + 5 Oxidation (M)
✓	855	867.1100	3464.4109	3462.7381	1.6728	1	10	8.8e+002	1	YLKEWQPDFIVVGLPLNMDGSEQQLTLDAK + Oxidation (M)
✓	1311	655.2400	3271.1636	3271.6197	-0.4560	1	10	2e+002	1	FCNPLTNPISKPTWADSSDSHINRFVR
✓	1338	667.7700	4000.5763	4000.0272	0.5492	2	10	1.4e+002	1	GSILYLTFTGFSAALNGHLENFTGKHEPVFVVRTER
✓	1325	701.0500	3500.2136	3499.8596	0.3540	2	10	7.8e+002	1	LGEDGKVQALLDLLNIPYVGTGVQGSALAMDKAK + Oxidation (1
✓	600	647.7700	2587.0509	2586.2530	0.7979	1	10	1.1e+003	1	SISDLIGSLNNGRLYSQCISMSR + Oxidation (M)
✓	776	773.8100	2318.4082	2319.2000	-0.7919	1	10	9.8e+002	1	AAQSPGLGLVGSVCLVLMKGGK + 2 Oxidation (M)
✓	963	950.6100	2848.8082	2849.3878	-0.5797	2	10	7.6e+002	1	QFNRSAGSYDIHADVQRTMAAELAK
✓	1064	711.1400	2130.3982	2129.2394	1.1587	2	10	3.1e+002	1	LNIVVLAAGLGKRMYSALPK + Oxidation (M)
✓	661	673.7300	1345.4454	1343.6213	1.8241	1	10	4.2e+002	1	EACASGKIYMSK
✓	1331	637.8300	3820.9363	3819.9894	0.9469	1	10	2e+002	1	IGTSALATRGFGETEFTFVADIIAETLKPGSDLAALR
✓	569	634.1400	1266.2654	1265.6478	0.6176	0	10	3.5e+002	1	VNLPLICFQY
✓	586	643.7600	1285.5054	1285.6601	-0.1547	1	10	4.9e+002	1	FNVSRTIYR
✓	686	685.1800	2052.5182	2052.9034	-0.3852	0	10	9.3e+002	1	HWSSQGCVLMAQAYDVEK + Oxidation (M)
✓	579	642.2500	1282.4854	1282.5071	-0.0216	0	10	4.2e+002	1	TTVYCTHCQN
✓	604	648.6300	1295.2454	1293.7115	1.5340	1	10	1.1e+003	1	AIGKSSGGVIMFK
✓	1167	765.3400	2292.9982	2294.1106	-1.1125	2	10	3.5e+002	1	FGAEYAYGDIKEVIDGKEYK
✓	914	612.5000	1834.4782	1832.8298	1.6484	1	10	3.4e+002	1	MEQGRGLFYMAGTSGR + Oxidation (M)
✓	512	604.0500	1206.0854	1205.5822	0.5032	1	10	4e+002	1	EETVSGMARAR
✓	907	606.5600	1816.6582	1814.9097	1.7484	0	10	3.7e+002	1	MDALGLGQAFHTALAQK + Oxidation (M)
✓	496	594.2800	1186.5454	1186.6306	-0.0851	1	10	5.7e+002	1	SRPEESINKK
✓	636	660.6300	1319.2454	1319.6874	-0.4419	1	10	4.1e+002	1	GWVFSNYLEKK
✓	1219	847.1100	2538.3082	2537.3060	1.0022	2	10	3.6e+002	1	VNSSNGTKIEMDLFFNIPARR + Oxidation (M)
✓	1253	559.1300	2790.6136	2791.4790	-0.8654	2	10	3e+002	1	FEGLRLVTDKATVEIVEMVLGASINK + Oxidation (M)
✓	503	600.5900	1199.1654	1198.5288	0.6366	0	10	4.1e+002	1	YESPTQMTAR + Oxidation (M)
✓	843	856.8500	2567.5282	2567.4145	0.1137	1	10	9.1e+002	1	IGELAKLMSDAGLIVLTAFISPHR + Oxidation (M)
✓	14	463.3800	462.3727	461.1758	1.1969	0	10	6.4e+002	1	AGDEA
✓	361	490.8600	979.7054	977.5182	2.1873	0	10	4.5e+002	1	EYAQQIVK
✓	1324	691.0800	3450.3636	3449.6281	0.7356	1	10	1.9e+002	1	YQFLVMDLPMVSEDRHLCHMDILFAFTAR + 2 Oxidation (M)

✓	169	696.3400	695.3327	694.3320	1.0008	0	10	3.8e+002	1	GVSSMAK + Oxidation (M)
✓	1023	667.6200	1999.8382	1997.9683	1.8699	1	10	3.9e+002	1	CGVWSVRAFHLYGGSFR
✓	1340	737.4000	4418.3563	4418.1967	0.1597	2	10	1.4e+002	1	YTDLITHFQMKAYLRGEPLPFSGGEQVQEILYSVMPSSK + Oxidation (M)
✓	516	606.0000	1209.9854	1208.6626	1.3229	1	10	3.6e+002	1	GVKSHNLEGLR
✓	1054	1037.7400	4146.9309	4144.9928	1.9381	2	10	7.3e+002	1	ARVNHPLMLSSSVSYSGFMVTDAKHNSNLFVWVPAK + Oxidation (M)
✓	1097	544.0800	2172.2909	2173.1226	-0.8317	2	10	3.8e+002	1	STSDDLKTHKLSSGVQETLK
✓	969	635.8900	1904.6482	1904.0111	0.6371	1	10	3.5e+002	1	DALPKVMAGMGIAVISTSK + Oxidation (M)
✓	346	470.8600	939.7054	938.3651	1.3404	0	10	3.8e+002	1	ENEDSMAK + Oxidation (M)
✓	356	487.9700	973.9254	974.5041	-0.5787	1	10	4.9e+002	1	MLMPPRAK + 2 Oxidation (M)
✓	1207	621.6400	2482.5309	2483.3418	-0.8109	1	10	3.1e+002	1	DLKPANTMVTSDGVVLKIGDLGLAR
✓	591	644.6800	1931.0182	1931.8128	-0.7947	1	10	1.2e+003	1	DMEYGEVCKELDTAK + Oxidation (M)
✓	1004	654.8900	1961.6482	1962.0296	-0.3814	2	10	3.4e+002	1	HTNERRVHLDQALAFR
✓	1092	722.5800	2164.7182	2165.1593	-0.4411	1	10	3.1e+002	1	AGGEAYAALLTLKAEHGGPAR
✓	546	620.7800	1239.5454	1238.5527	0.9927	1	10	5e+002	1	SDEDLRADYR
✓	1027	1001.8000	3002.3782	3001.4711	0.9070	2	10	8.2e+002	1	MMAGLLFPTSFGVKVDEEQVTREMR + 2 Oxidation (M)
✓	972	636.2200	1905.6382	1903.9058	1.7324	1	10	3.5e+002	1	SSRLMAEGADVNDIDGVR
✓	646	664.9300	1327.8454	1325.6690	2.1765	0	10	5.2e+002	1	YPLSQMGLPTFK + Oxidation (M)
✓	853	577.4700	1729.3882	1729.9145	-0.5263	2	10	3.8e+002	1	QDEMNDIIRILSRK
✓	920	613.5100	1837.5082	1836.9482	0.5599	1	10	3.5e+002	1	NLVEPSPHSFDLAQKR
✓	998	653.7000	1958.0782	1958.9228	-0.8446	1	10	4.5e+002	1	NNRNNNSNAGSGMLPTLI + Oxidation (M)
✓	1121	743.6600	2227.9582	2226.1255	1.8326	2	10	3.9e+002	1	VAHFRDPDHNLIETIYKML + Oxidation (M)
✓	993	647.7600	1940.2582	1938.8393	1.4189	0	10	3.7e+002	1	FMYEQPAAWHDLMER + Oxidation (M)
✓	438	560.0300	1118.0454	1116.5523	1.4931	0	10	4.7e+002	1	NATAVTAEGQR
✓	1031	669.5600	2005.6582	2005.8806	-0.2225	0	10	3.4e+002	1	IAVDDGHGENSPYFDGWK
✓	127	645.5700	644.5627	643.3541	1.2086	0	10	8.4e+002	1	ADPTIK
✓	1156	760.9000	2279.6782	2278.2025	1.4757	2	10	3.2e+002	1	SMIKMSSIKVLTGLDQGGEIR + Oxidation (M)
✓	285	421.4900	840.9654	839.3998	1.5656	0	10	3.6e+002	1	QGGGTAGHR
✓	367	494.9000	987.7854	988.5553	-0.7699	2	10	5.5e+002	1	KVESDVGKK
✓	688	685.3500	2053.0282	2052.9721	0.0561	1	10	1.3e+003	1	TLNPEQEFATMSMGR LGR + Oxidation (M)
✓	115	630.8800	629.8727	630.3561	-0.4834	1	10	6.9e+002	1	AARSAR
✓	528	612.9200	1223.8254	1224.7666	-0.9412	2	10	4.6e+002	1	AGRLIVEAKR
✓	1196	1204.9000	4815.5709	4813.5987	1.9722	2	10	6.7e+002	1	LAVGDTVIAAGYVDVKPGNVPLGNMPIGTVIHNVELKIGKGGQIAR + Oxidation (M)
✓	1191	1185.8600	3554.5582	3552.8805	1.6777	2	10	6.7e+002	1	FFCVTMTETLHIIVTLAMMRNRLSIALALR + 2 Oxidation (M)
✓	1008	655.2700	1962.7882	1963.0813	-0.2931	2	9	4.1e+002	1	GVMLKGDGLGKPTTLKVSFG + Oxidation (M)
✓	1034	672.4400	2014.2982	2012.9837	1.3145	1	9	3.7e+002	1	DDVVDGGAEHIAKTVSCLK
✓	407	530.3100	1058.6054	1058.5033	0.1022	0	9	6.6e+002	1	YSLFDTSAR
✓	923	614.4700	1840.3882	1840.0094	0.3788	2	9	3.6e+002	1	IALISRGDLTYYEKAK
✓	340	464.7300	927.4454	926.4861	0.9593	0	9	6e+002	1	LGLYYGNK
✓	658	672.3100	1342.6054	1342.6881	-0.0827	0	9	5.8e+002	1	LGIDNVESFPPR
✓	1256	562.0500	2805.2136	2803.4664	1.7472	2	9	3.2e+002	1	QSLPKHVAIIMDGNRWAQTQGKPR + Oxidation (M)
✓	1235	650.6300	2598.4909	2598.1514	0.3395	0	9	3.5e+002	1	FGMLCAMEFYTDEELMEIVVR + Oxidation (M)
✓	279	416.2100	830.4054	831.3909	-0.9854	0	9	8.2e+002	1	MAQVPDR + Oxidation (M)
✓	812	833.4000	1664.7854	1662.8366	1.9489	0	9	5.1e+002	1	NQGFHYVLIATGTDK
✓	1328	722.3600	3606.7636	3607.8516	-1.0880	1	9	2.6e+002	1	TTTISCLTGINPVTGGDALIYGDSIRSSVSGISNIR
✓	748	734.2100	2199.6082	2197.9112	1.6970	0	9	1e+003	1	MQNMNMTAPMDIGVEQEGPR + 4 Oxidation (M)
✓	786	790.2200	1578.4254	1577.8236	0.6019	1	9	4.1e+002	1	FIPGDRVVVMMSGASK + Oxidation (M)
✓	189	716.5800	715.5727	714.4024	1.1703	0	9	8e+002	1	ADAALVR
✓	684	456.5800	1366.7182	1365.5969	1.1212	1	9	5.5e+002	1	EMEAELEDEKK + Oxidation (M)
✓	273	825.8000	824.7927	823.3204	1.4723	0	9	3.3e+002	1	ICDECK
✓	1193	596.7000	2382.7709	2381.1322	1.6387	1	9	3.3e+002	1	AMPTILGGASGWGEDEISSGRFK + Oxidation (M)
✓	228	376.8900	751.7654	751.4089	0.3565	0	9	3.6e+002	1	AHQGLAR
✓	504	600.6000	1199.1854	1197.6335	1.5519	2	9	4.7e+002	1	MRRCAVLHR
✓	777	774.5400	3094.1309	3093.4508	0.6801	2	9	1.1e+003	1	WEYDYHPEAGSPEAALSEFIKVRDWV
✓	1247	673.2300	2688.8909	2689.3779	-0.4870	1	9	2.9e+002	1	AQDCMLLAAEGDSALSLLRAGLTGLK + Oxidation (M)
✓	1264	712.2900	2845.1309	2845.2534	-0.1226	0	9	3e+002	1	AEAFGAESSSTTMGILPHSDASNYCK + Oxidation (M)
✓	377	507.1800	1012.3454	1013.4414	-1.0960	1	9	4.9e+002	1	RDGGPEPTDA
✓	1041	677.3000	2028.8782	2028.1149	0.7632	2	9	4.6e+002	1	RLEVQEEMIRAVLSALR + Oxidation (M)
✓	445	565.1800	1128.3454	1126.5995	1.7459	1	9	5e+002	1	AQFEHLRR
✓	317	449.5700	897.1254	895.5854	1.5400	1	9	3.7e+002	1	PALLKINK
✓	1249	553.8600	2764.2636	2763.3248	0.9389	2	9	3.7e+002	1	ASKFTGLMENMKVLYDDHYVSATK + Oxidation (M)
✓	987	640.9400	1919.7982	1920.9186	-1.1204	1	9	4.6e+002	1	VSPGNWMIRETACLSEK + Oxidation (M)
✓	699	699.2300	2094.6682	2095.1863	-0.5182	2	9	1.1e+003	1	LIMIIIRETYGLPKYTIR + Oxidation (M)
✓	1160	763.3400	2286.9982	2286.0773	0.9209	1	9	4.2e+002	1	MQGKEYTSSSLMHIDFLQR + Oxidation (M)
✓	706	704.4400	1406.8654	1405.7864	1.0791	2	9	5.8e+002	1	RTFMLAGIDKVR
✓	1221	848.5100	2542.5082	2541.3234	1.1848	2	9	3.6e+002	1	LQICTQHTEAIGKNNPPLKSR
✓	549	622.6600	1243.3054	1243.6884	-0.3829	2	9	4.9e+002	1	LAAEKKASAEAR
✓	553	624.8800	1247.7454	1245.6322	2.1133	2	9	6.5e+002	1	AKVHTEMKMR + Oxidation (M)
✓	1033	671.9000	2012.6782	2010.8162	1.8620	0	9	3.9e+002	1	YVDNEMEFVQMCNFG + Oxidation (M)
✓	992	647.2400	1938.6982	1938.0145	0.6836	2	9	4e+002	1	SQILISSWFRGNMQKK + Oxidation (M)
✓	425	544.1300	1086.2454	1084.5335	1.7119	0	9	5.3e+002	1	MDEHVLGR + Oxidation (M)
✓	1059	700.5700	2098.6882	2098.0477	0.6405	2	9	3.8e+002	1	NLSKSSDTGTCLMGFSGNVR
✓	1202	610.0600	2436.2109	2435.2465	0.9644	0	9	4.5e+002	1	MGVISTASITTAENIDLLITDNK + Oxidation (M)
✓	1011	656.6200	1966.8382	1966.0094	0.8287	2	9	4.7e+002	1	INNVIYETERIWRVMK + Oxidation (M)
✓	704	702.4000	1402.7854	1401.7768	1.0086	2	9	6.3e+002	1	SKLLYNFYKAR
✓	981	639.0100	1914.0082	1912.0353	1.9729	1	9	5.3e+002	1	IINQLSHMGFVEAIRGK
✓	170	696.6400	695.6327	695.3714	0.2613	0	9	3e+002	1	AAIHER
✓	1127	559.3300	2233.2909	2232.0991	1.1918	2	9	4.7e+002	1	SKGSLGLSNMITGKNCEVHGK + Oxidation (M)
✓	606	648.9100	1295.8054	1294.7761	1.0293	0	9	5.7e+002	1	ASIWILGPLVAR
✓	755	741.5700	2221.6882	2222.3626	-0.6745	2	9	1.1e+003	1	LPSARAAPAPALAKKPTIPKPK
✓	1212	1249.0800	3744.2182	3742.8029	1.4153	2	9	7.8e+002	1	ELEEKVVALMQEKNDLQLQVQAEADGLADAEER
✓	1147	754.7300	2261.1682	2261.2267	-0.0585	1	9	4.9e+002	1	VLAQNSGYDLQETLIKIQTQK

✓	1158	761.3200	2280.9382	2280.1573	0.7809	1	9	4.2e+002	1	RATDKPFLMPVEDVFSISGR + Oxidation (M)
✓	509	603.0700	1204.1254	1202.6408	1.4847	0	9	5.3e+002	1	QNGEFVLIQR
✓	175	698.8600	697.8527	696.3303	1.5224	0	9	3.2e+002	1	EGGAAHR
✓	428	547.2300	1092.4454	1091.5757	0.8698	2	9	6.5e+002	1	NNNKM SL KK + Oxidation (M)
✓	1336	567.3200	3937.8763	3936.0983	1.7781	1	9	2.4e+002	1	IFLTGIPSI LS ESVAVNALNEVLDELRLLEGLEEPEK
✓	305	433.8700	865.7254	864.3865	1.3389	0	9	4.5e+002	1	APVFTDDT
✓	628	659.0600	1316.1054	1314.7031	1.4024	0	9	5.2e+002	1	ALEGLVGEAETVK
✓	521	609.2100	1216.4054	1215.6764	0.7291	0	9	5.9e+002	1	NLPIALYAWR
✓	697	697.7400	1393.4654	1391.7045	1.7610	0	9	5e+002	1	IFENASAVNTAAGK
✓	1216	840.5500	2518.6282	2517.1855	1.4427	0	9	3.5e+002	1	EAPGFFHIVED MAM VQAIPMPR + 2 Oxidation (M)
✓	1021	665.4700	1993.3882	1993.1069	0.2813	2	9	4.1e+002	1	GRIA EV RS GA LAVDEPVVR
✓	758	746.1900	1490.3654	1489.5602	0.8053	0	9	4.9e+002	1	GM NED MY NNGWK + 2 Oxidation (M)
✓	729	481.2500	1440.7282	1438.7827	1.9455	1	9	6.4e+002	1	VGLH VANIT GMRR + Oxidation (M)
✓	1334	646.1700	3870.9763	3868.9093	2.0670	2	9	2.6e+002	1	NLMRFKVS NY ESDNVHIEINPYEENILAYINK
✓	144	662.6200	661.6127	660.3919	1.2209	1	9	6.7e+002	1	GSRTIK
✓	231	754.6600	753.6527	752.3341	1.3186	0	9	3.4e+002	1	VDNDYK
✓	552	624.2800	1246.5454	1245.7333	0.8122	0	9	7.1e+002	1	LGLKPLDVTYK
✓	864	583.9900	1748.9482	1746.8246	2.1235	1	9	6.1e+002	1	N MS VDKAEPANPYAPK + Oxidation (M)
✓	911	611.1700	1830.4882	1829.9022	0.5860	2	9	4.5e+002	1	WVKFEKTTYMDPTGK
✓	560	627.6000	1253.1854	1253.6802	-0.4947	0	9	1.5e+003	1	ME IINGPVLPR + Oxidation (M)
✓	739	729.7000	1457.3854	1456.6327	0.7528	0	9	5.1e+002	1	LICFSD DD MDGLR + Oxidation (M)
✓	214	740.4900	739.4827	738.3885	1.0942	1	9	4.5e+002	1	SPRHSR
✓	393	524.4000	1046.7854	1047.5309	-0.7454	1	9	6.5e+002	1	QQSNSGTAK
✓	650	666.6900	1331.3654	1330.6160	0.7494	0	9	5.4e+002	1	MR PSAAAGGGGGGGGR + Oxidation (M)
✓	910	608.4900	1822.4482	1822.0676	0.3806	1	9	4.6e+002	1	QADIVISAVGKPLIDK
✓	215	743.4800	742.4727	742.4337	0.0390	0	9	7.5e+002	1	LLDAVGR
✓	736	725.1800	2172.5182	2172.1031	0.4151	2	9	1.3e+003	1	MQ KVQ SE IEPRVMEALR + 2 Oxidation (M)
✓	1277	967.2400	2898.6982	2899.2860	-0.5878	2	9	3.6e+002	1	EFKEC ME CLEK PM APQNDKNEIK + 2 Oxidation (M)
✓	198	722.2300	721.2227	720.3918	0.8309	1	9	6.7e+002	1	SARYPK
✓	87	601.0700	600.0627	600.3119	-0.2492	0	9	5.4e+002	1	SVPVEA
✓	589	644.2500	1286.4854	1287.6830	-1.1975	2	9	6.6e+002	1	VIEMARGNARR + Oxidation (M)
✓	1239	1312.9900	5247.9309	5246.5183	1.4126	2	9	7.3e+002	1	DHDVVEEFIGNIETKYDVEGISDENALKGISLLFYGM AST WWQGVRR +
✓	403	528.3400	1054.6654	1053.4886	1.1768	1	9	6.4e+002	1	NRNPH M NRR + Oxidation (M)
✓	1143	752.3000	2253.8782	2252.1246	1.7536	1	9	4.3e+002	1	YPKDEATGIAVGTVS M VIEEK + Oxidation (M)
✓	1168	765.5500	2293.6282	2294.1841	-0.5559	2	9	4e+002	1	LAQFKESSTWL MQ QANLKR + Oxidation (M)
✓	725	720.8800	1439.7454	1439.7144	0.0311	0	8	6.7e+002	1	SSDSLILTSQDFK
✓	1165	764.5700	2290.6882	2289.0980	1.5902	2	8	4e+002	1	SRSKEMSNLLATES M GYIEK + Oxidation (M)
✓	1304	778.7100	3110.8109	3109.5179	1.2930	1	8	3.3e+002	1	KYVGAYAA AM GGVDVLVFTGGVGENQYTRR + Oxidation (M)
✓	1028	668.5500	2002.6282	2002.0418	0.5864	2	8	4.5e+002	1	QFAMSHPKITATLNGSKR + Oxidation (M)
✓	218	744.6500	743.6427	743.4178	0.2250	0	8	8.5e+002	1	QTTVPAK
✓	1058	696.8700	2087.5882	2086.1535	1.4347	1	8	4.3e+002	1	KIGHILDNIDELTISHLR
✓	1318	565.6800	3388.0363	3386.7440	1.2923	2	8	2.8e+002	1	MNSLL MIT ACLILIGTVWAEDGYLFDKRRK + Oxidation (M)
✓	380	510.6200	1019.2254	1017.5243	1.7011	0	8	6.4e+002	1	GTQAPAFQK
✓	702	701.3500	1400.6854	1400.5943	0.0911	0	8	7.4e+002	1	EATTPDAEAPAAE
✓	955	631.6400	1891.8982	1892.8938	-0.9957	0	8	6.2e+002	1	YHGVSSLLDNDIQGT TK + Oxidation (M)
✓	928	616.7500	1847.2282	1848.1448	-0.9166	2	8	4.9e+002	1	VKDGA DL VPLILIINK
✓	1148	755.5100	2263.5082	2264.0064	-0.4982	2	8	4.3e+002	1	YN MY MGAGFTGDRLSKMYK + 2 Oxidation (M)
✓	960	633.2600	1896.7582	1895.0662	1.6920	1	8	5.3e+002	1	MA VAGPEIERLIQLLAR + Oxidation (M)
✓	1152	569.8500	2275.3709	2275.1671	0.2038	2	8	4.8e+002	1	LTFDAITTIRGEV MF FKDR + Oxidation (M)
✓	437	559.8400	2235.3309	2234.0388	1.2921	0	8	1.8e+003	1	QMA AEGNPYTGFLYAGLMIDK + Oxidation (M)
✓	683	683.4700	1364.9254	1363.7459	1.1795	0	8	5.9e+002	1	HIQEEDVILR
✓	467	580.9400	1159.8654	1158.5993	1.2662	1	8	6.6e+002	1	ARALSTNSDPK
✓	1117	554.8800	2215.4909	2216.2351	-0.7442	1	8	4.5e+002	1	LT MI VLGLN NI RETTLFPR + Oxidation (M)
✓	750	736.6000	2206.7782	2207.2426	-0.4644	2	8	1.4e+003	1	QGSPELLGRGELRTP LF LPK
✓	1124	1116.7700	3347.2882	3347.6312	-0.3430	2	8	9.2e+002	1	TDLEASGRGELFGAGGPP LP SGN ML MDRVIK + 2 Oxidation (M)
✓	1275	724.0100	2892.0109	2892.4116	-0.4007	1	8	3.4e+002	1	LTEAKDGSNLIGQFGVGFYAA FM VADR + Oxidation (M)
✓	162	688.1100	687.1027	686.3348	0.7679	0	8	8.3e+002	1	GGGGGGTPK
✓	178	704.9600	703.9527	703.3501	0.6027	0	8	7.6e+002	1	AIDETR
✓	1199	604.6600	2414.6109	2415.2463	-0.6354	0	8	4.2e+002	1	MAAL MV TAIGLFTAMELATLTSK + 2 Oxidation (M)
✓	187	358.2000	714.3854	715.2881	-0.9026	0	8	8.9e+002	1	SMT MSK + 2 Oxidation (M)
✓	825	842.9700	3367.8509	3366.7567	1.0942	1	8	1.4e+003	1	IVVPMESPVRLITSEDVIHSWTIPSLGK + 2 Oxidation (M)
✓	268	815.4300	814.4227	812.4253	1.9974	1	8	9.5e+002	1	RGGDGVPR
✓	414	536.1700	1070.3254	1070.5001	-0.1747	1	8	6e+002	1	FSSKGVCMR
✓	136	656.7000	655.6927	656.3242	-0.6314	0	8	4.1e+002	1	APDAQR
✓	421	543.5500	1085.0854	1083.6764	1.4091	2	8	6e+002	1	KPAA AA KKTAK
✓	1197	1206.1400	3615.3982	3615.8394	-0.4412	1	8	9.6e+002	1	IPAGVD TGN QLRLSGEGAAGENGAPNGDLYVVIHVR
✓	433	554.8300	1107.6454	1106.5464	1.0991	0	8	7.4e+002	1	ME IINACLK + Oxidation (M)
✓	773	764.7000	1527.3854	1527.8118	-0.4263	1	8	5.4e+002	1	TVVRINAGGTADQAR
✓	803	543.7800	1628.3182	1628.9171	-0.5989	1	8	5.4e+002	1	MA DVIRAE LL EIK + Oxidation (M)
✓	647	665.1600	1328.3054	1326.7408	1.5646	1	8	5.8e+002	1	KLTFVGELAHGR
✓	456	572.8600	1143.7054	1142.6043	1.1011	1	8	8.3e+002	1	IKAA AA EANR
✓	1201	607.0300	2424.0909	2424.2042	-0.1133	2	8	5.2e+002	1	HGHKTPVIM KQ MTDLNGNPYK + Oxidation (M)
✓	339	463.8400	925.6654	923.4753	2.1902	1	8	5.8e+002	1	EFGLPFKS
✓	545	620.7700	1239.5254	1238.5999	0.9256	0	8	7e+002	1	GLAV MNI G MS SK + 2 Oxidation (M)
✓	826	844.9600	2531.8582	2530.2930	1.5651	2	8	1.5e+003	1	GIAAC MT CGNTKVLRAVHSLLSR + Oxidation (M)
✓	1086	719.3100	2154.9082	2155.0467	-0.1385	0	8	5.5e+002	1	IMDVLGNPIDEAGPIATEER + Oxidation (M)
✓	1106	731.2500	2190.7282	2191.1637	-0.4355	2	8	4.6e+002	1	LQVPKF PIS STGDKNELYR
✓	497	595.2800	1188.5454	1187.6775	0.8680	1	8	8.5e+002	1	VRQIDFIAAR
✓	747	733.2900	1464.5654	1462.6973	1.8681	0	8	6.5e+002	1	LIGVEAAGE ME SGK + Oxidation (M)
✓	751	737.6000	1473.1854	1473.7423	-0.5568	2	8	5.7e+002	1	QQVSENAEDAKKK
✓	648	444.1200	1329.3382	1327.8075	1.5307	1	8	6e+002	1	GEIKLIVLNTTK

✓	696	697.6700	1393.3254	1393.7201	-0.3946	2	8	5.5e+002	1	ERSSEAFAKEIK
✓	622	656.3600	1310.7054	1310.6942	0.0112	1	8	7.3e+002	1	QEIGTLERHTK
✓	752	738.7700	1475.5254	1475.7191	-0.1936	1	8	6.3e+002	1	RVVGEMLGWER + Oxidation (M)
✓	1278	728.2800	2909.0909	2909.4665	-0.3756	1	8	3.6e+002	1	ILQANALDLEQAATHGISETMDQDLR + Oxidation (M)
✓	199	723.1900	722.1827	721.3395	0.8432	0	8	6.4e+002	1	TDPYAR
✓	565	631.6600	1261.3054	1259.6041	1.7014	0	8	6.2e+002	1	QTQGIGAGQMN
✓	1134	748.6200	2242.8382	2242.9697	-0.1315	0	8	4.7e+002	1	FCYAGSIMSHATPGLDMPK + 2 Oxidation (M)
✓	1305	780.4400	3117.7309	3118.6994	-0.9686	2	8	4e+002	1	LMARLMEAESPSPTTPHLSRLTLIGR + Oxidation (M)
✓	391	524.2500	1569.7282	1570.7814	-1.0532	0	8	2.3e+003	1	AYDPIIHVCLQK
✓	427	546.5000	2181.9709	2180.0320	1.9389	1	8	1.8e+003	1	LRALNHSPMSDASVNFYK + Oxidation (M)
✓	1225	853.3600	2557.0582	2557.1431	-0.0849	0	8	4.6e+002	1	AQYSMQFSHYDEVPANVADELK + Oxidation (M)
✓	37	528.3200	527.3127	528.2478	-0.9351	0	8	4.9e+002	1	GMGHK
✓	693	688.9100	1375.8054	1374.8023	1.0031	1	8	8e+002	1	NWLYVLQIKAK
✓	529	612.9900	1223.9654	1223.7965	0.1690	0	8	5.5e+002	1	LLLLAALISAAR
✓	778	778.0500	2331.1282	2330.2158	0.9124	2	8	1.5e+003	1	KQKIFILDSLSFDFATNFK
✓	1224	1275.9600	3824.8582	3822.9792	1.8790	1	8	8.7e+002	1	LLQLDGPSPGELKHGVFTDLLDNLEAGDLLVFNNTR
✓	799	809.3500	1616.6854	1617.8396	-1.1542	1	8	7.1e+002	1	MGVVTKEQDDLVR + Oxidation (M)
✓	1081	1073.8300	3218.4682	3216.6680	1.8002	2	8	1.1e+003	1	ALAESLASRGWDVVVAAPLGNWSGYSKISGR
✓	1280	973.9800	2918.9182	2919.5164	-0.5982	1	8	3.6e+002	1	NNIDKPGMIYLLDGTGKWLISLQR + Oxidation (M)
✓	188	716.4800	715.4727	715.4228	0.0499	0	8	1.1e+003	1	ISSKPGK
✓	1150	758.1600	2271.4582	2272.2215	-0.7634	1	8	4.7e+002	1	LFHINNNEITPYTLISLGAKK
✓	107	312.0400	622.0654	621.3737	0.6917	0	8	6e+002	1	TILYI
✓	196	720.6700	719.6627	719.2973	0.3654	0	8	7.2e+002	1	AAIESDD
✓	999	653.8400	1958.4982	1957.9852	0.5129	0	8	5.1e+002	1	ILETMPPTLLQAEAMER + Oxidation (M)
✓	1046	510.6600	2038.6109	2037.9037	0.7072	0	8	4.9e+002	1	AQPQTMFSPASECNAFFR
✓	1276	725.6200	2898.4509	2896.4243	2.0266	1	8	4.9e+002	1	IKGVEATASFDTGPLTHTLGYDYVDAR
✓	1044	679.4800	2035.4182	2033.9815	1.4367	0	8	4.9e+002	1	AVMDAVHNMNFKPEFLNR + Oxidation (M)
✓	811	554.3800	1660.1182	1658.8549	1.2633	1	8	6.2e+002	1	QEAVVEELVKGMEAK
✓	879	599.1200	1794.3382	1793.9788	0.3594	0	8	5.3e+002	1	LLQGPAPRPPGPEPPGSPK
✓	611	650.9700	1299.9254	1297.7401	2.1854	2	8	7e+002	1	GLAPQRTMLR
✓	1255	701.4800	2801.8909	2802.3056	-0.4147	2	8	4e+002	1	WLDENDEDTVSTSEGEKPKQLGRR
✓	499	597.0700	1192.1254	1190.6295	1.4959	0	8	6.2e+002	1	NQVSIQIFK
✓	930	617.0500	1848.1282	1847.8764	0.2518	0	8	6.5e+002	1	MQFFAFYVTGTDGTGIGK + Oxidation (M)
✓	832	849.4000	2545.1782	2544.3291	0.8491	2	8	1.7e+003	1	EMDIRMGVDLVAASTNPLIKEVK + Oxidation (M)
✓	184	711.6400	710.6327	711.3664	-0.7336	0	8	4.2e+002	1	SHAAQK
✓	397	525.8700	1049.7254	1047.5825	2.1429	2	8	7.8e+002	1	FRKLGDANK
✓	1316	677.3600	3381.7636	3381.8469	-0.0833	1	8	4e+002	1	LTLTLEQAPGPITMDLTGDLDAKNQVFLK + Oxidation (M)
✓	1137	750.3000	2247.8782	2246.1259	1.7523	1	8	5.2e+002	1	QAAEEYGYKAENFIYPIK
✓	1298	766.7100	3062.8109	3063.4574	-0.6465	0	8	3.9e+002	1	IHALTTQTAYELHVDLEDFDNGTAYAR
✓	809	551.4400	1651.2982	1649.8593	1.4389	2	8	5.7e+002	1	LAKMSLKSTSQMPGR + Oxidation (M)
✓	866	880.1500	3516.5709	3515.7865	0.7844	2	8	1.5e+003	1	ESILHFASRGVMNIEGMGDSLVNQLVDRGLVK + 2 Oxidation (I)
✓	1051	690.9900	2069.9482	2068.9968	0.9513	1	8	6.7e+002	1	MGVPAMIHEQNAVVMGRANK + Oxidation (M)
✓	41	536.1800	535.1727	534.2398	0.9329	0	8	9.8e+002	1	SSGER
✓	133	652.8600	651.8527	652.3180	-0.4653	0	8	5.1e+002	1	NGTSFK
✓	255	394.4800	786.9454	786.4599	0.4855	0	8	9.3e+002	1	DLTILGR
✓	735	724.3100	1446.6054	1446.5893	0.0162	0	8	8.3e+002	1	TDSMSSTASSTSNR + Oxidation (M)
✓	412	536.1500	1070.2854	1070.6124	-0.3270	1	8	6.6e+002	1	FVPPKLQDK
✓	792	800.7700	1599.5254	1597.9039	1.6215	2	8	1.6e+003	1	VVEIVRSSLKDPEK
✓	1297	613.4000	3061.9636	3062.6005	-0.6369	2	8	3.8e+002	1	EVNRLKPSAAKGQYVQGIASVSTMSPGVR + Oxidation (M)
✓	434	558.2700	1114.5254	1112.6414	1.8840	2	8	9.5e+002	1	KAAAVPASSRR
✓	614	652.2400	1302.4654	1301.6436	0.8219	2	8	7.7e+002	1	EAERSARQEAR
✓	332	459.5000	916.9854	916.4913	0.4942	1	8	8.1e+002	1	GDRIGMIR
✓	101	616.3400	615.3327	615.3089	0.0239	0	8	1.4e+003	1	GGQAQR
✓	997	653.2400	1956.6982	1956.0905	0.6077	2	8	5.6e+002	1	KAHIVRATLESIAQTR
✓	316	897.4100	896.4027	895.4837	0.9190	0	8	7.1e+002	1	SLTTFGMK
✓	219	748.0800	747.0727	746.4035	0.6692	2	8	9e+002	1	TQTRGKG
✓	906	908.8700	3631.4509	3630.8273	0.6235	1	8	1.5e+003	1	GVIMDVNTVEQAQVAEEAGAVGVMLDKLPYDVR + Oxidation (I)
✓	160	682.1600	681.1527	682.3511	-1.1984	0	8	5.7e+002	1	AHSGGVR
✓	524	612.8600	1223.7054	1224.6285	-0.9230	0	8	8.3e+002	1	HQDIVMDLVR
✓	615	452.2500	1302.4854	1301.7125	0.7729	2	8	8.3e+002	1	KEDLMVNKLGR
✓	1272	679.6900	2872.0963	2870.4671	1.6293	2	7	4.3e+002	1	LTKDPVMRYTSDMPVPTFTFLAVNR + Oxidation (M)
✓	1179	464.8900	2319.4136	2319.0390	0.3746	1	7	5.7e+002	1	TGAKITVQEDGYEESEESGK
✓	596	645.6700	1289.3254	1288.6623	0.6632	0	7	7.2e+002	1	GENILVSASAGSK
✓	543	619.7900	1237.5654	1236.5842	0.9812	0	7	8.3e+002	1	NVIMELSEMR + Oxidation (M)
✓	489	586.4200	1170.8254	1169.6781	1.1473	2	7	8.3e+002	1	RLKAHNLRY
✓	645	664.6700	1327.3254	1325.6472	1.6783	0	7	6.8e+002	1	TGLKPTCYVCK
✓	1295	762.4300	3045.6909	3044.3334	1.3575	1	7	4.8e+002	1	MYIFGGWVPHKGENPETSPhDCEWR + Oxidation (M)
✓	1317	678.1700	3385.8136	3383.7759	2.0378	2	7	4.2e+002	1	GLAEBESALKVLELTGGTLMVAESSLGFRHGPK + Oxidation (M)
✓	1161	1145.3000	3432.8782	3433.6758	-0.7976	1	7	1.2e+003	1	DKNGFILSEDDLMDIVFYDIEFHSIIYK
✓	1284	742.2200	2964.8509	2963.4110	1.4399	1	7	4.2e+002	1	MSGQGFSABEFVNTLEEKIADIIYK + Oxidation (M)
✓	644	664.0200	2652.0509	2653.2265	-1.1756	1	7	1.9e+003	1	ADERDFTLCADMYNLLGIHEVR + Oxidation (M)
✓	681	682.0700	1362.1254	1362.7143	-0.5888	1	7	6.9e+002	1	ASILEGSSKWSAK
✓	261	397.8600	793.7054	792.3766	1.3288	0	7	6.6e+002	1	YSVGDR
✓	506	602.6300	1203.2454	1203.5706	-0.3252	0	7	7.5e+002	1	TTFDHPMSMR
✓	805	819.5500	1637.0854	1635.7605	1.3250	2	7	6.7e+002	1	KATPKDAMMPMPMR + 2 Oxidation (M)
✓	1231	645.3100	2577.2109	2576.2866	0.9243	2	7	6.1e+002	1	EDMELGLSVTLRGEKMYTFLTK + Oxidation (M)
✓	118	633.1900	632.1827	633.2792	-1.0965	0	7	1.4e+003	1	EGMGPK + Oxidation (M)
✓	1227	642.7400	2566.9309	2566.2386	0.6922	1	7	4.9e+002	1	EGQHYNKLINSINYHDIHMPK + Oxidation (M)
✓	1307	781.3900	3121.5309	3119.5267	2.0042	1	7	5.1e+002	1	IVPVLEGMNAPDQASIDLAMIDRGTANK + Oxidation (M)
✓	1333	643.5700	3855.3763	3855.8958	-0.5194	2	7	2.9e+002	1	QGFAEMFKGGVIMDVTDQARIAEAAGATAVMALER + 2 Oxidat:
✓	656	670.4400	1338.8654	1339.6844	-0.8190	1	7	8.1e+002	1	HSLEPSVNSRSK

✓	844	572.0700	1713.1882	1713.8421	-0.6539	0	7	6.5e+002	1	EESVLSELPLAEQDR
✓	223	750.6600	749.6527	748.3789	1.2738	1	7	7.5e+002	1	EITGKAM
✓	891	900.0200	1798.0254	1798.9465	-0.9211	2	7	1.6e+003	1	GADFGTVSETIKKTAFF
✓	1043	678.3900	2032.1482	2029.9453	2.2028	1	7	7.4e+002	1	EPGYHENGVVKAENGSSR
✓	1189	788.5400	2362.5982	2361.2686	1.3296	2	7	5.2e+002	1	VMNVLGGTIKNSRDTVLLSNSK + Oxidation (M)
✓	1130	747.2900	2238.8482	2237.2314	1.6168	2	7	5.7e+002	1	MNVGQILETHLGLASKGLGRK + Oxidation (M)
✓	123	636.5300	635.5227	635.2697	0.2530	0	7	9.4e+002	1	GGSEMR
✓	1313	666.2500	3326.2136	3325.5535	0.6602	2	7	3.6e+002	1	NSNDPFWYVVDKEMDRNVLVVQGQGNHPR + Oxidation (M)
✓	555	625.2800	1248.5454	1248.6575	-0.1120	1	7	9.5e+002	1	QRSATPTFVSR
✓	1251	697.7700	2787.0509	2785.4650	1.5859	2	7	4.7e+002	1	DIAFGPVNLGENKQEAYNKVPELLK
✓	148	664.0000	662.9927	663.3010	-0.3083	0	7	8.9e+002	1	AASEMR
✓	1329	740.2800	3696.3636	3696.8425	-0.4789	1	7	3.1e+002	1	FENHFSLIKDSLEFEVYSPMLALYSILSNFK + Oxidation (M)
✓	20	480.0100	479.0027	478.2387	0.7640	1	7	6.9e+002	1	SGSKT
✓	608	649.3300	1296.6454	1295.6768	0.9686	1	7	9e+002	1	MQHRGAILADGK
✓	99	614.0800	613.0727	612.3595	0.7132	0	7	4.4e+002	1	AIPAGGK
✓	481	584.7600	1167.5054	1166.5754	0.9301	1	7	8.6e+002	1	QVKGQMEGFK + Oxidation (M)
✓	862	581.9200	1742.7382	1742.9250	-0.1868	2	7	8.2e+002	1	RMGLFGRELIPDPAR + Oxidation (M)
✓	274	827.8600	826.8527	826.5025	0.3503	2	7	6.8e+002	1	EPAKKVR
✓	1164	764.4800	2290.4182	2291.1685	-0.7503	0	7	6.1e+002	1	SYDIAQDAPDGLAVLAAFVEVK
✓	1342	759.9000	4553.3563	4551.2165	2.1399	2	7	2.6e+002	1	QGVCIRCYGMDMARLIPAEIGEAAGVTIAAQSIGQPGTQLTMR + 2 O
✓	98	307.3200	612.6254	613.3184	-0.6929	0	7	4.4e+002	1	VPGGER
✓	464	578.9900	1155.9654	1156.5949	-0.6294	1	7	7.8e+002	1	EQPRSAISGGR
✓	674	677.7700	1353.5254	1352.6837	0.8418	1	7	8.3e+002	1	ASSNFYKNLGPR
✓	1321	687.2300	3431.1136	3429.6412	1.4724	1	7	3.7e+002	1	LDVFSFGENQNCVLVGSVDLLYRNSWNEVR
✓	1326	701.1600	3500.7636	3498.6972	2.0664	1	7	4.6e+002	1	DFGSVYQYEAETMSNLKIMELGMSLGIK + 2 Oxidation (M)
✓	531	615.5200	1229.0254	1228.6887	0.3367	2	7	8.1e+002	1	AASAKGAAGAAGAKK
✓	858	869.4300	1736.8454	1734.7999	2.0455	1	7	2e+003	1	MVMTVFACLMGKGMK + 2 Oxidation (M)
✓	251	781.4900	780.4827	780.4242	0.0585	0	7	8.6e+002	1	ASTPHIR
✓	49	554.8300	553.8227	552.2656	1.5571	0	7	4.2e+002	1	YSAGR
✓	90	603.7700	602.7627	601.2820	1.4807	0	7	1.3e+003	1	SHGSSK
✓	508	603.0400	1204.0654	1202.7095	1.3559	2	7	8.1e+002	1	KRSTTQILTR
✓	1110	737.3700	2209.0882	2207.0720	2.0162	2	7	7.7e+002	1	WDIQLKSGVSDFSRQGDGR
✓	212	737.3400	736.3327	735.3704	0.9623	0	7	9.6e+002	1	GYFFPR
✓	995	972.4900	1942.9654	1943.9112	-0.9458	0	7	8.5e+002	1	IDYNVQNVSTSVVEEGYK
✓	1105	731.0000	2189.9782	2191.1419	-1.1638	2	7	7.6e+002	1	MDFVNNDTRQIAKNLLGVK + Oxidation (M)
✓	532	615.7900	1229.5654	1229.6260	-0.0606	1	7	1.1e+003	1	MATVPTKSHMK
✓	771	762.3500	1522.6854	1520.6713	2.0141	0	7	9.2e+002	1	SEMVLMEYFNMK
✓	442	562.2600	1122.5054	1122.5413	-0.0359	0	7	9.6e+002	1	AGLGMVDGMLK + 2 Oxidation (M)
✓	164	689.6100	688.6027	687.3228	1.2799	0	7	1.3e+003	1	YGYTGK
✓	1237	651.5900	2602.3309	2603.4067	-1.0758	1	7	7e+002	1	ASYITPVPGGVGPMTIAMLLKNTIK + 2 Oxidation (M)
✓	1084	717.6000	2149.7782	2150.0967	-0.3186	1	7	6.3e+002	1	GDRASSISSIGTPALSLAEYR
✓	728	721.3200	1440.6254	1439.7595	0.8660	1	7	9.7e+002	1	LLELFMSYPRR + Oxidation (M)
✓	1335	654.4300	3920.5363	3919.0237	1.5126	2	7	3.1e+002	1	LPWNGIVSLTPAPDHVRCLLVLDLDFRDLMTATAR
✓	1085	717.6300	2149.8682	2148.0919	1.7763	2	7	7e+002	1	DLGGAACSMKVNPKVVTDK + Oxidation (M)
✓	1375	749.0400	2244.0982	2243.2096	0.8886	1	7	8.2e+002	1	LFAMEGAELDVPRGALKAIAR + Oxidation (M)
✓	208	735.6200	734.6127	734.4075	0.2052	0	7	9.6e+002	1	LANYVR
✓	1292	757.4300	3025.6909	3024.5372	1.1537	2	7	5.6e+002	1	MRCSAISPGSGTIINAISTGKGSFAGIDLK + Oxidation (M)
✓	1330	765.1000	3820.4636	3820.0788	0.3848	2	7	3.3e+002	1	VEQVFQVTFITIGLLDHTGAHGSKASRQIWLQLK
✓	227	376.8800	751.7454	752.4432	-0.6978	0	7	6.6e+002	1	AEPVLPK
✓	837	852.0200	1702.0254	1701.9011	0.1243	1	7	9.8e+002	1	ELITYGLKGLSAYMK + Oxidation (M)
✓	927	370.2600	1846.2636	1844.9302	1.3335	2	7	7.5e+002	1	ELNIEPTDLNREKK + Oxidation (M)
✓	1083	717.5900	2149.7482	2150.0394	-0.2913	2	7	6.6e+002	1	MKRMIALDGAQGGGGQIMR + 2 Oxidation (M)
✓	386	512.6200	1023.2254	1023.5825	-0.3571	0	7	7.9e+002	1	GIANAPVINR
✓	711	708.0900	1414.1654	1414.8395	-0.6741	1	7	8.5e+002	1	KILVTTLSALNDIK
✓	142	661.8600	660.8527	660.3442	0.5085	1	7	1.2e+003	1	EAAKATA
✓	1065	711.6100	2131.8082	2131.0076	0.8006	1	6	7.1e+002	1	LSGSPDPDRSSSGNAGATNMLR
✓	1327	585.8100	3508.8163	3509.8819	-1.0655	1	6	5.2e+002	1	ILFSLGITRFLMLGLFLVNTIYFVSSNMER + Oxidation (M)
✓	458	573.5700	1145.1254	1143.6499	1.4756	1	6	9.4e+002	1	ENEILKISAK
✓	1258	565.1700	2820.8136	2820.4269	0.3867	1	6	5.4e+002	1	IDDWLAELSFNVIGRIVCGFQSGPK
✓	310	435.8800	869.7454	868.4953	1.2502	0	6	8.4e+002	1	LMLSIIHR
✓	166	693.2500	692.2427	690.3007	1.9421	0	6	1.3e+003	1	QNGLME
✓	105	621.4000	620.3927	621.3850	-0.9923	0	6	1.3e+003	1	PAIPPK
✓	369	495.2800	988.5454	987.4807	1.0647	2	6	1.4e+003	1	HMSKKDDK
✓	527	612.9100	1223.8054	1222.5951	1.2104	1	6	9.8e+002	1	QSLGFPMMCKR
✓	1337	662.9000	3971.3563	3970.1262	1.2301	2	6	3.2e+002	1	SALQSAAIETDKPVQIEKPTDKKNGDFSTNIALLSK
✓	679	681.6400	1361.2654	1361.6609	-0.3954	2	6	8.8e+002	1	ELRKGMEEENK
✓	1310	649.2200	3241.0636	3241.6814	-0.6178	1	6	4.7e+002	1	FDPSVKPVVLGKIPASPGAAGVICFCFMR + Oxidation (M)
✓	482	585.3300	1168.6454	1168.5223	0.1231	0	6	1.1e+003	1	DFVQWLMMNT + Oxidation (M)
✓	613	652.1600	1302.3054	1300.5938	1.7117	1	6	9.1e+002	1	AMQMVSTSKMR + 2 Oxidation (M)
✓	1003	654.8700	1961.5882	1960.9776	0.6106	0	6	7.3e+002	1	LLTSPMTPLTPSGGSSSSGGK
✓	259	397.8300	793.6454	792.3800	1.2655	1	6	9.2e+002	1	KDNGMTK
✓	78	593.1200	592.1127	592.3068	-0.1941	0	6	1e+003	1	SLSSSL
✓	610	649.8200	1297.6254	1297.6852	-0.0598	2	6	1.1e+003	1	YRLAKYMPEK
✓	204	726.9400	725.9327	724.3214	1.6113	1	6	5.7e+002	1	KNGMEF
✓	1287	748.0600	2988.2109	2987.5420	0.6689	1	6	5.4e+002	1	GAPVMATDLRASVSLVIAGLAAEGETMVSR + Oxidation (M)
✓	680	682.0600	1362.1054	1361.8105	0.2950	0	6	8.9e+002	1	KPLFPVPLGMIGK + Oxidation (M)
✓	194	719.4500	718.4427	716.3705	2.0723	0	6	1.6e+003	1	GAVVEDK
✓	448	566.0200	1130.0254	1130.5931	-0.5677	0	6	1e+003	1	LAETLSAAEAR
✓	167	694.5000	693.4927	692.3381	1.1546	0	6	1.1e+003	1	LAEVFD
✓	1270	573.4700	2862.3136	2863.3401	-1.0265	1	6	7.1e+002	1	MSKAVDAINQMEPAMEQLSDEQLAAK + Oxidation (M)
✓	238	765.3600	764.3527	764.4068	-0.0541	0	6	1.3e+003	1	AAIAEYK

✓	256	788.7400	787.7327	786.3144	1.4183	0	6	1.3e+003	1	HDDDASK
✓	131	648.5300	647.5227	647.3238	0.1989	0	6	1.6e+003	1	SSVAER
✓	326	453.8400	905.6654	904.4548	1.2106	1	6	1.3e+003	1	NMAAGAAKR + Oxidation (M)
✓	849	862.3200	1722.6254	1720.9148	1.7107	1	6	8.8e+002	1	EIFREEGLLNINFK
✓	925	615.8400	1844.4982	1843.8453	0.6529	1	6	8.2e+002	1	AMKSNMNMVPGFMK + 2 Oxidation (M)
✓	436	559.5300	1117.0454	1115.6339	1.4116	1	6	1e+003	1	FHTLLTKEK
✓	624	657.2700	1312.5254	1312.7939	-0.2684	2	6	1.2e+003	1	NTLLKSAALARR
✓	649	666.2400	1330.4654	1330.6737	-0.2083	0	6	1.1e+003	1	LVNM P LELACR + Oxidation (M)
✓	266	404.0200	806.0254	804.3589	1.6666	0	6	1.1e+003	1	WPGGCTK
✓	718	715.4700	1428.9254	1427.8460	1.0795	2	6	1.2e+003	1	NIGLIAKEISSRK
✓	916	612.9200	1835.7382	1836.9006	-1.1624	1	6	9.8e+002	1	GLAFHAGGKYLTSASDDK
✓	336	922.4800	921.4727	922.5132	-1.0405	0	6	1.3e+003	1	LLMFMIR
✓	1320	852.4400	3405.7309	3403.7380	1.9929	2	6	6.3e+002	1	IHIHAFSPMEVVHAAARNSGMTVEEVLKELK + 2 Oxidation (M)
✓	1341	758.4200	4544.4763	4543.2426	1.2338	2	6	3.1e+002	1	TILDVGCSGYHCWRMAGAGARQVIGIDPGLLFMFQFLAVK + 2 Oxidation (M)
✓	36	524.5600	523.5527	522.2438	1.3089	0	6	5.7e+002	1	FGGDK
✓	983	960.3100	3837.2109	3835.8300	1.3809	2	6	1.9e+003	1	SSGLRICTAAGSTAA Q SAGGFVMPMLSRDLQFMVR + 2 Oxidation (M)
✓	1063	707.3600	2119.0582	2117.0108	2.0474	1	6	1.1e+003	1	ASRLITNFMPEPMGFVTCK + Oxidation (M)
✓	422	544.0600	1086.1054	1085.5353	0.5702	0	6	1.1e+003	1	NEETLEPVR
✓	91	604.3100	603.3027	601.3799	1.9228	1	6	2.2e+003	1	AKTLAV
✓	626	657.8800	1313.7454	1313.7554	-0.0100	1	6	1.4e+003	1	ILKNGISIVDDK
✓	301	431.3400	860.6654	858.4712	2.1943	0	6	1.6e+003	1	GIVFNQPR
✓	1291	755.5300	3018.0909	3017.4772	0.6137	2	6	5.9e+002	1	HGGITNMMDRLSNPAKILAFDMAEELK + Oxidation (M)
✓	1232	862.9900	2585.9482	2585.3345	0.6136	1	6	7.2e+002	1	LAQKVMFQMDPELAHNIAIGSLK + 2 Oxidation (M)
✓	33	517.9600	516.9527	515.2591	1.6936	0	6	2.3e+003	1	ADTPL
✓	1174	770.5300	2308.5682	2307.0662	1.5019	1	6	7.9e+002	1	IDTYRSGGAGGQHVNM T DSAVR + Oxidation (M)
✓	138	658.2000	657.1927	658.2558	-1.0631	0	6	1.5e+003	1	GNDEPQ
✓	320	449.6500	897.2854	898.3855	-1.1000	0	6	9.7e+002	1	GYMDEIR + Oxidation (M)
✓	180	705.8500	704.8427	703.2305	1.6122	0	6	1.3e+003	1	TNCMY + Oxidation (M)
✓	769	759.8200	1517.6254	1518.8076	-1.1821	1	5	1.3e+003	1	LVVIDTAAGMEKTR + Oxidation (M)
✓	348	476.1900	950.3654	950.4821	-0.1167	1	5	1.4e+003	1	EGYLLGSRG
✓	57	571.6200	570.6127	569.2922	1.3206	0	5	9.2e+002	1	TAHGGK
✓	147	332.4000	662.7854	662.3244	0.4611	0	5	1.3e+003	1	IMM P R + Oxidation (M)
✓	237	764.4000	763.3927	762.3759	1.0168	0	5	1.7e+003	1	SSVIDDK
✓	272	412.2800	822.5454	820.4113	2.1342	0	5	1.4e+003	1	MAGVSNVK + Oxidation (M)
✓	457	573.2300	1144.4454	1145.5135	-1.0681	1	5	1.5e+003	1	HLKSEDDMR + Oxidation (M)
✓	605	648.8900	1295.7654	1296.7527	-0.9873	0	5	1.3e+003	1	HHLRPALQGLR
✓	200	724.9500	723.9427	722.3269	1.6158	0	5	7.8e+002	1	GT M VGAAT + Oxidation (M)
✓	408	532.2600	1062.5054	1062.5206	-0.0152	1	5	1.6e+003	1	RNGTSEPFPR
✓	857	869.1000	1736.1854	1735.8848	0.3006	0	5	1e+003	1	GSMILDTGNSMSAIVK
✓	757	743.7000	1485.3854	1485.7609	-0.3755	0	5	1.1e+003	1	LANAD M TIVAQAPR + Oxidation (M)
✓	308	435.8500	869.6854	867.5290	2.1564	1	5	1.2e+003	1	IPIQKNR
✓	68	585.3100	584.3027	585.2871	-0.9843	0	5	1e+003	1	TNSHK
✓	1230	644.6900	2574.7309	2573.3635	1.3674	1	5	7.9e+002	1	AYALIEQQMISRIIEARPEEIR + Oxidation (M)
✓	1271	717.0100	2864.0109	2862.4585	1.5524	2	5	7.3e+002	1	DGRWEAQVGLIKMTLEEQEFNLLK + Oxidation (M)
✓	62	577.4600	576.4527	577.2642	-0.8115	0	5	1.9e+003	1	GAMGSR
✓	962	633.2900	1896.8482	1896.8814	-0.0332	1	5	1.3e+003	1	GTGGPGSES P KG T GGPGSEGPK
✓	396	525.8500	1049.6854	1048.5202	1.1652	1	5	1.6e+003	1	AGPGSRYWR
✓	973	637.4100	1909.2082	1907.9748	1.2334	1	5	1.1e+003	1	GNM H NLAGARGVTPAAISR + Oxidation (M)
✓	779	778.0700	1554.1254	1553.8777	0.2478	1	5	1.1e+003	1	GNKLIPQNLSITEK
✓	103	618.8400	617.8327	616.3333	1.4994	0	5	2e+003	1	HGIYK
✓	291	424.4100	846.8054	846.4083	0.3971	0	5	1.6e+003	1	NSVLDGDK
✓	201	725.6600	724.6527	724.4483	0.2044	0	5	8.3e+002	1	SIAIPPK
✓	331	914.1500	913.1427	913.4002	-0.2575	0	5	1.3e+003	1	QDGHASAGR
✓	568	633.0900	1264.1654	1262.6771	1.4883	0	5	1.2e+003	1	LHLYSNYVVR
✓	1036	672.7800	2015.3182	2014.0557	1.2624	1	5	1.1e+003	1	ACFDSIPHDKLIALLSSK
✓	186	358.1100	714.2054	714.4024	-0.1970	1	5	1.7e+003	1	LKDSPR
✓	235	760.2700	759.2627	759.3300	-0.0673	0	5	2.4e+003	1	GEHFDR
✓	417	540.1100	1078.2054	1076.4921	1.7134	0	5	1.4e+003	1	AAEGDLGGTMR
✓	318	449.5900	897.1654	896.5080	0.6575	1	5	1.1e+003	1	VTPPAREK
✓	1222	848.5400	2542.5982	2542.4734	0.1248	0	5	9.3e+002	1	TQTGEHLLVL L LLNIPTIVVINK
✓	21	487.3800	486.3727	486.2550	0.1177	0	5	2.7e+003	1	SPAGR
✓	207	733.6000	732.5927	730.4701	2.1226	2	5	2.1e+003	1	ALSGKKK
✓	176	700.7000	699.6927	698.4439	1.2488	1	5	1.6e+003	1	QRIALV
✓	315	448.6000	895.1854	894.4083	0.7771	1	4	1.2e+003	1	GKEDGAYVG
✓	252	782.4100	781.4027	782.3494	-0.9466	0	4	1.4e+003	1	CPVDHR
✓	263	400.4700	798.9254	799.3382	-0.4127	0	4	1.4e+003	1	GSSSTMSK + Oxidation (M)
✓	42	539.6000	538.5927	539.1720	-0.5792	0	4	8.1e+002	1	AMGMD + Oxidation (M)
✓	104	620.8600	619.8527	618.3337	1.5190	0	4	1.5e+003	1	AVTGS G K
✓	197	721.3400	720.3327	719.4112	0.9215	2	4	2e+003	1	RMGT K K
✓	839	853.9100	1705.8054	1705.6494	0.1560	1	4	1.7e+003	1	DY G KQ M AGDDC M AGR + 2 Oxidation (M)
✓	486	585.8500	1169.6854	1169.5829	0.1025	0	4	1.9e+003	1	YAH P DDLLAR
✓	537	616.9500	1231.8854	1231.6197	0.2658	1	4	1.7e+003	1	L G WSGSSSPKLN
✓	798	805.4000	1608.7854	1607.8406	0.9448	1	4	1.7e+003	1	QTFEALTKAEELTK
✓	145	663.6100	662.6027	662.3421	0.2606	0	4	1.8e+003	1	GISAGMK
✓	280	418.1400	834.2654	832.4728	1.7927	0	4	2.1e+003	1	IAELMTK + Oxidation (M)
✓	35	521.4500	520.4427	520.1918	0.2509	0	4	2.5e+003	1	DSWGG
✓	58	572.6400	571.6327	570.3125	1.3202	0	4	1.9e+003	1	VAEPR
✓	766	755.9900	1509.9654	1507.7817	2.1838	1	4	1.6e+003	1	MRTLIFSDDAALR
✓	265	805.4200	804.4127	804.4341	-0.0214	1	4	2.5e+003	1	SAKGVSEK
✓	150	664.6900	663.6827	663.3374	0.3454	1	4	1.7e+003	1	GNSKMK
✓	89	602.6500	601.6427	602.3248	-0.6821	1	4	2.6e+003	1	AGGRSR

<input checked="" type="checkbox"/>	990	964.2600	1926.5054	1924.9386	1.5668	1	4	1.3e+003	1	ALEKALLDGMGSCLFER + Oxidation (M)
<input checked="" type="checkbox"/>	69	585.3400	584.3327	585.3598	-1.0271	0	4	1.3e+003	1	VAGALR
<input checked="" type="checkbox"/>	710	706.2700	1410.5254	1408.7285	1.7969	1	4	1.7e+003	1	LNWMNGVYIRK + Oxidation (M)
<input checked="" type="checkbox"/>	395	525.8000	1049.5854	1047.5560	2.0294	0	4	2.1e+003	1	QLVSSSVNSK
<input checked="" type="checkbox"/>	1285	746.5400	2982.1309	2980.5241	1.6068	0	4	9.4e+002	1	LDDGEILGDNTDGEGLVQDLLAQQVLLK
<input checked="" type="checkbox"/>	114	629.2200	628.2127	626.3752	1.8376	0	4	2.2e+003	1	LVNGPK
<input checked="" type="checkbox"/>	296	850.4000	849.3927	847.4035	1.9892	0	4	2.4e+003	1	TAASGAAGDK
<input checked="" type="checkbox"/>	828	845.3000	1688.5854	1687.7801	0.8053	1	4	1.5e+003	1	NNYDNQLSSYKNTK
<input checked="" type="checkbox"/>	518	607.2700	1212.5254	1212.6026	-0.0772	0	4	2.1e+003	1	ELYYGVQDVK
<input checked="" type="checkbox"/>	765	755.3100	1508.6054	1507.7341	0.8714	1	4	1.8e+003	1	GDEGPMGLKGYLGAK + Oxidation (M)
<input checked="" type="checkbox"/>	51	555.0200	554.0127	552.2544	1.7583	0	4	9.2e+002	1	DPPGAP
<input checked="" type="checkbox"/>	593	645.4400	1288.8654	1289.6584	-0.7930	1	4	2.1e+003	1	QGMPMGGKVTLR + Oxidation (M)
<input checked="" type="checkbox"/>	92	605.1300	604.1227	603.3050	0.8177	0	4	2.9e+003	1	APASMK
<input checked="" type="checkbox"/>	209	736.2800	735.2727	733.3000	1.9728	0	4	2.3e+003	1	ACCAPR
<input checked="" type="checkbox"/>	247	772.5300	771.5227	769.4810	2.0417	1	4	2.7e+003	1	RGSIPLK
<input checked="" type="checkbox"/>	80	593.2800	592.2727	592.3221	-0.0493	0	3	2.1e+003	1	ILNFS
<input checked="" type="checkbox"/>	88	602.5800	601.5727	602.3210	-0.7483	0	3	3.4e+003	1	IMPAR + Oxidation (M)
<input checked="" type="checkbox"/>	67	584.9100	583.9027	583.2714	0.6313	0	3	8.3e+002	1	LSHNN
<input checked="" type="checkbox"/>	70	586.3600	585.3527	584.3282	1.0245	0	3	2.2e+003	1	TSHIK
<input checked="" type="checkbox"/>	384	512.5500	1023.0854	1022.4920	0.5934	0	3	1.7e+003	1	DSDPVSLYK
<input checked="" type="checkbox"/>	216	744.2000	743.1927	743.4541	-0.2614	1	3	2.5e+003	1	TPITKGK
<input checked="" type="checkbox"/>	435	558.7800	1115.5454	1114.5479	0.9975	0	3	2.8e+003	1	TGAGRPNNSSGGK
<input checked="" type="checkbox"/>	156	679.2300	678.2227	679.3363	-1.1136	0	3	2.6e+003	1	GMPTFK
<input checked="" type="checkbox"/>	267	810.4500	809.4427	807.4603	1.9825	1	3	2.1e+003	1	AEPKHVK
<input checked="" type="checkbox"/>	234	758.6500	757.6427	755.4541	2.1886	0	3	2.9e+003	1	TALNIFK
<input checked="" type="checkbox"/>	350	958.3900	957.3827	955.5815	1.8013	0	3	3e+003	1	GLLALVSQR
<input checked="" type="checkbox"/>	411	534.2000	1066.3854	1064.4734	1.9120	0	3	2.1e+003	1	SDNEATVSSR
<input checked="" type="checkbox"/>	93	605.1900	604.1827	603.3340	0.8487	0	3	3.7e+003	1	VGVSSR
<input checked="" type="checkbox"/>	174	698.2000	697.1927	698.3096	-1.1169	0	3	1.5e+003	1	GAGHSDR
<input checked="" type="checkbox"/>	202	726.2100	725.2027	726.4024	-1.1997	1	3	1.5e+003	1	QPERVV
<input checked="" type="checkbox"/>	295	850.3100	849.3027	847.4222	1.8805	1	3	3e+003	1	TCGAKSPK
<input checked="" type="checkbox"/>	65	578.7100	577.7027	577.2894	0.4134	0	3	2.3e+003	1	GTAAMK
<input checked="" type="checkbox"/>	210	737.0700	736.0627	734.3711	1.6916	1	3	2.2e+003	1	KDPYGR
<input checked="" type="checkbox"/>	135	654.7000	653.6927	654.2973	-0.6046	0	2	1.2e+003	1	EAHVHA
<input checked="" type="checkbox"/>	664	675.2400	1348.4654	1346.7340	1.7314	2	2	2.4e+003	1	MEKTVVVRVDR + Oxidation (M)
<input checked="" type="checkbox"/>	44	547.4800	546.4727	546.3013	0.1714	1	2	5.3e+003	1	EKGTI
<input checked="" type="checkbox"/>	205	729.4900	728.4827	726.4388	2.0439	0	2	3.6e+003	1	SAPAILR
<input checked="" type="checkbox"/>	172	697.7200	696.7127	696.3303	0.3824	0	2	1.5e+003	1	GAADHAR
<input checked="" type="checkbox"/>	708	705.6900	1409.3654	1408.6802	0.6852	1	2	2.3e+003	1	LRLESSSPMMR + Oxidation (M)
<input checked="" type="checkbox"/>	94	606.0200	605.0127	604.3003	0.7125	0	2	3.2e+003	1	GAMAGAK
<input checked="" type="checkbox"/>	240	765.4300	764.4227	765.4133	-0.9906	0	2	3.6e+003	1	IGQQLHA
<input checked="" type="checkbox"/>	334	460.4000	918.7854	919.4988	-0.7133	2	1	3.2e+003	1	ERKGQFR
<input checked="" type="checkbox"/>	185	357.5800	713.1454	712.3504	0.7950	0	1	2.4e+003	1	EVGGSHK
<input checked="" type="checkbox"/>	365	494.8900	987.7654	988.5349	-0.7694	2	1	3.9e+003	1	GARQVRMR + Oxidation (M)
<input checked="" type="checkbox"/>	71	586.5900	585.5827	586.2711	-0.6884	0	1	3.2e+003	1	SDHTK
<input checked="" type="checkbox"/>	140	661.2100	660.2027	659.3140	0.8888	0	1	6e+003	1	GFSGHR
<input checked="" type="checkbox"/>	124	637.6200	636.6127	637.4024	-0.7896	1	1	2.6e+003	1	PPLRR
<input checked="" type="checkbox"/>	221	749.0500	748.0427	746.3923	1.6505	0	1	3.9e+003	1	GVSSIER
<input checked="" type="checkbox"/>	158	681.6500	680.6427	681.3810	-0.7382	0	1	2.4e+003	1	ITSHPK
<input checked="" type="checkbox"/>	297	854.5900	853.5827	851.4065	2.1762	0	1	3.3e+003	1	IPTDFYP
<input checked="" type="checkbox"/>	767	757.6800	1513.3454	1511.7402	1.6052	0	1	3.1e+003	1	TLDDAEALAHAMVR
<input checked="" type="checkbox"/>	477	582.3300	1162.6454	1162.5982	0.0472	0	1	4.5e+003	1	VLDVNFNQSK
<input checked="" type="checkbox"/>	117	633.1900	632.1827	631.3905	0.7923	0	1	6.7e+003	1	IVVSSK
<input checked="" type="checkbox"/>	159	682.0800	681.0727	681.4538	-0.3810	1	1	2.6e+003	1	VPRVLV
<input checked="" type="checkbox"/>	86	600.0900	599.0827	599.3391	-0.2564	0	0	2.4e+003	1	AKPER
<input checked="" type="checkbox"/>	52	558.8000	557.7927	557.2809	0.5118	0	0	4.7e+003	1	AGPDAK
<input checked="" type="checkbox"/>	213	738.6500	737.6427	736.3425	1.3002	0	0	2.7e+003	1	GAEMVSK + Oxidation (M)
<input checked="" type="checkbox"/>	236	760.3300	759.3227	757.3065	2.0162	0	0	6.7e+003	1	YCGGSSK
<input checked="" type="checkbox"/>	491	591.2000	1180.3854	1178.5965	1.7890	1	0	3.6e+003	1	VVNESSKAAMK + Oxidation (M)
<input checked="" type="checkbox"/>	163	344.7700	687.5254	685.3871	2.1383	1	0	7e+003	1	AAPGSKR
<input checked="" type="checkbox"/>	18	476.1800	475.1727	475.2390	-0.0663	0	0	8.2e+003	1	SGANK
<input checked="" type="checkbox"/>	81	594.1800	593.1727	593.3649	-0.1922	0	0	4.1e+003	1	PKPPR
<input checked="" type="checkbox"/>	289	845.7100	844.7027	843.4239	1.2788	0	0	5.7e+003	1	HGATPSFK
<input checked="" type="checkbox"/>	1	375.9200	374.9127							
<input checked="" type="checkbox"/>	2	391.2100	390.2027							
<input checked="" type="checkbox"/>	3	396.8300	395.8227							
<input checked="" type="checkbox"/>	4	400.4800	399.4727							
<input checked="" type="checkbox"/>	5	404.6900	403.6827							
<input checked="" type="checkbox"/>	6	419.1300	418.1227							
<input checked="" type="checkbox"/>	7	422.4000	421.3927							
<input checked="" type="checkbox"/>	8	433.9300	432.9227							
<input checked="" type="checkbox"/>	9	434.8500	433.8427							
<input checked="" type="checkbox"/>	10	435.8600	434.8527							
<input checked="" type="checkbox"/>	11	440.7800	439.7727							
<input checked="" type="checkbox"/>	12	449.6600	448.6527							
<input checked="" type="checkbox"/>	13	450.5700	449.5627							
<input checked="" type="checkbox"/>	15	466.3600	465.3527							
<input checked="" type="checkbox"/>	16	469.3400	468.3327							
<input checked="" type="checkbox"/>	17	470.3400	469.3327							
<input checked="" type="checkbox"/>	19	479.6100	478.6027							
<input checked="" type="checkbox"/>	22	495.9000	494.8927							

<input checked="" type="checkbox"/>	23	495.9100	494.9027
<input checked="" type="checkbox"/>	24	496.9700	495.9627
<input checked="" type="checkbox"/>	26	509.2200	508.2127
<input checked="" type="checkbox"/>	27	510.6300	509.6227
<input checked="" type="checkbox"/>	28	510.6500	509.6427
<input checked="" type="checkbox"/>	29	510.6900	509.6827
<input checked="" type="checkbox"/>	30	511.6200	510.6127
<input checked="" type="checkbox"/>	31	512.6000	511.5927
<input checked="" type="checkbox"/>	32	516.9600	515.9527
<input checked="" type="checkbox"/>	34	517.9800	516.9727
<input checked="" type="checkbox"/>	38	529.2600	528.2527
<input checked="" type="checkbox"/>	39	529.3000	528.2927
<input checked="" type="checkbox"/>	40	534.2100	533.2027
<input checked="" type="checkbox"/>	43	544.1000	543.0927
<input checked="" type="checkbox"/>	45	553.3100	552.3027
<input checked="" type="checkbox"/>	46	553.9200	552.9127
<input checked="" type="checkbox"/>	48	554.5700	553.5627
<input checked="" type="checkbox"/>	50	554.8500	553.8427
<input checked="" type="checkbox"/>	53	567.6700	566.6627
<input checked="" type="checkbox"/>	54	569.5000	568.4927
<input checked="" type="checkbox"/>	55	569.5100	568.5027
<input checked="" type="checkbox"/>	56	571.0700	570.0627
<input checked="" type="checkbox"/>	60	574.4500	573.4427
<input checked="" type="checkbox"/>	61	575.0600	574.0527
<input checked="" type="checkbox"/>	63	577.4700	576.4627
<input checked="" type="checkbox"/>	64	578.3900	577.3827
<input checked="" type="checkbox"/>	66	580.8900	579.8827
<input checked="" type="checkbox"/>	72	588.2600	587.2527
<input checked="" type="checkbox"/>	73	588.2800	587.2727
<input checked="" type="checkbox"/>	74	588.3000	587.2927
<input checked="" type="checkbox"/>	76	592.2500	591.2427
<input checked="" type="checkbox"/>	77	592.9900	591.9827
<input checked="" type="checkbox"/>	79	593.1500	592.1427
<input checked="" type="checkbox"/>	82	594.3100	593.3027
<input checked="" type="checkbox"/>	83	596.2700	595.2627
<input checked="" type="checkbox"/>	84	598.0900	597.0827
<input checked="" type="checkbox"/>	95	609.3500	608.3427
<input checked="" type="checkbox"/>	100	614.8800	613.8727
<input checked="" type="checkbox"/>	102	616.8500	615.8427
<input checked="" type="checkbox"/>	106	621.5500	620.5427
<input checked="" type="checkbox"/>	108	624.0100	623.0027
<input checked="" type="checkbox"/>	112	627.8200	626.8127
<input checked="" type="checkbox"/>	113	628.6600	627.6527
<input checked="" type="checkbox"/>	116	631.6600	630.6527
<input checked="" type="checkbox"/>	121	634.5900	633.5827
<input checked="" type="checkbox"/>	122	634.6400	633.6327
<input checked="" type="checkbox"/>	125	638.1600	637.1527
<input checked="" type="checkbox"/>	126	638.6900	637.6827
<input checked="" type="checkbox"/>	128	646.0800	645.0727
<input checked="" type="checkbox"/>	129	646.1100	645.1027
<input checked="" type="checkbox"/>	132	652.6700	651.6627
<input checked="" type="checkbox"/>	143	662.6100	661.6027
<input checked="" type="checkbox"/>	146	332.4000	662.7854
<input checked="" type="checkbox"/>	149	664.6600	663.6527
<input checked="" type="checkbox"/>	151	666.7200	665.7127
<input checked="" type="checkbox"/>	152	672.1900	671.1827
<input checked="" type="checkbox"/>	153	673.2200	672.2127
<input checked="" type="checkbox"/>	155	675.0600	674.0527
<input checked="" type="checkbox"/>	157	679.6300	678.6227
<input checked="" type="checkbox"/>	165	692.5200	691.5127
<input checked="" type="checkbox"/>	171	697.1300	696.1227
<input checked="" type="checkbox"/>	173	698.0500	697.0427
<input checked="" type="checkbox"/>	177	700.9100	699.9027
<input checked="" type="checkbox"/>	181	353.5200	705.0254
<input checked="" type="checkbox"/>	203	726.5600	725.5527
<input checked="" type="checkbox"/>	206	731.4900	730.4827
<input checked="" type="checkbox"/>	211	737.1100	736.1027
<input checked="" type="checkbox"/>	230	753.1700	752.1627
<input checked="" type="checkbox"/>	232	755.9400	754.9327
<input checked="" type="checkbox"/>	233	758.2900	757.2827
<input checked="" type="checkbox"/>	243	769.6200	768.6127
<input checked="" type="checkbox"/>	244	770.7500	769.7427
<input checked="" type="checkbox"/>	245	771.6500	770.6427
<input checked="" type="checkbox"/>	250	780.9700	779.9627
<input checked="" type="checkbox"/>	258	791.6700	790.6627
<input checked="" type="checkbox"/>	264	801.1800	800.1727
<input checked="" type="checkbox"/>	281	838.7600	837.7527
<input checked="" type="checkbox"/>	282	840.9500	839.9427
<input checked="" type="checkbox"/>	294	849.9900	848.9827
<input checked="" type="checkbox"/>	324	902.6600	901.6527
<input checked="" type="checkbox"/>	352	965.9300	964.9227

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 (# $^{13}\text{C} = 1$)
Fragment Mass Tolerance: ± 0.5 Da
Max Missed Cleavages : 2
Instrument type : ESI-TRAP
Number of queries : 1342

Mascot: http://www.matrixscience.com/
--