

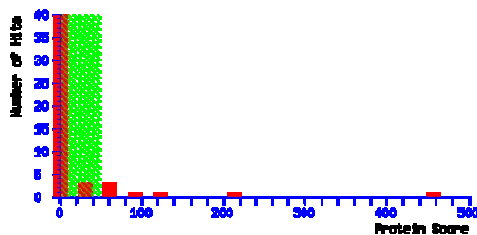


Mascot Search Results

User :
Email :
Search title :
MS data file : DATA.TXT
Database 1 : contaminants 20090624 (262 sequences; 133770 residues)
Database 2 : uniprot_sprot sprot_202104 (565928 sequences; 204173280 residues)
Timestamp : 25 Feb 2022 at 14:24:50 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::IGA2 HUMAN Immunoglobulin alpha-2 heavy chain OS=Homo sapiens OX=9606 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
2::TRYP PIG Trypsin OS=Sus scrofa OX=9823 PE=1 SV=1
2::AEE19 ARATH Putative acyl-activating enzyme 19 OS=Arabidopsis thaliana OX=3702 GN=At5g35930 PE=2 SV=1
2::HV108 HUMAN Immunoglobulin heavy variable 1-8 OS=Homo sapiens OX=9606 GN=IGHV1-8 PE=1 SV=1
2::GLYCO SIGMA Spike glycoprotein OS=Sigma virus OX=11301 GN=G 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

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Significance threshold $p <$ Max. number of hits

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

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

☐ Error tolerant

1. [2::IGG1 HUMAN](#) Mass: 49925 Score: 457 Matches: 47(11) Sequences: 13(6) emPAI: 1.02
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"/>	421	581.4700	1160.9254	1160.6223	0.3031	0	(39)	0.53	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/>	422	581.9700	1161.9254	1160.6223	1.3031	0	71	0.00035	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/>	423	581.9700	1161.9254	1160.6223	1.3031	0	(70)	0.00043	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/>	424	581.9800	1161.9454	1160.6223	1.3231	0	(24)	15	1		K.NQVSLTCLVK.G
<input checked="" type="checkbox"/>	425	581.9900	1161.9654	1160.6223	1.3431	0	(35)	1.2	1		K.NQVSLTCLVK.G
	426	581.9900	1161.9654	1160.6223	1.3431	0	(16)	90	3		K.NQVSLTCLVK.G
	446	593.8300	1185.6454	1185.6394	0.0061	0	(8)	1.8e+003	6	U	K.GPSVFPLAPSSK.S
<input checked="" type="checkbox"/>	449	594.2700	1186.5254	1185.6394	0.8861	0	(33)	2.7	1	U	K.GPSVFPLAPSSK.S
<input checked="" type="checkbox"/>	450	594.2800	1186.5454	1185.6394	0.9061	0	71	0.00048	1	U	K.GPSVFPLAPSSK.S
<input checked="" type="checkbox"/>	451	594.2900	1186.5654	1185.6394	0.9261	0	(35)	1.8	1	U	K.GPSVFPLAPSSK.S
<input checked="" type="checkbox"/>	452	594.7200	1187.4254	1185.6394	1.7861	0	(25)	16	1	U	K.GPSVFPLAPSSK.S
	530	643.7700	1285.5254	1285.6666	-0.1412	0	(13)	2.2e+002	2		R.EPQVYTLPPSR.D
	531	643.7800	1285.5454	1285.6666	-0.1212	0	17	97	6		R.EPQVYTLPPSR.D
<input checked="" type="checkbox"/>	576	661.2700	1320.5254	1320.6708	-0.1453	0	97	8.6e-007	1		K.STSGGTAALGCLVK.D
<input checked="" type="checkbox"/>	577	661.2800	1320.5454	1320.6708	-0.1253	0	(79)	6.5e-005	1		K.STSGGTAALGCLVK.D
<input checked="" type="checkbox"/>	734	839.3600	1676.7054	1676.7947	-0.0893	0	74	0.00018	1	U	K.FNWWYDGVVEHNAK.T
<input checked="" type="checkbox"/>	735	840.3600	1678.7054	1676.7947	1.9107	0	(61)	0.0068	1	U	K.FNWWYDGVVEHNAK.T
<input checked="" type="checkbox"/>	811	904.9500	1807.8854	1806.9992	0.8862	0	(35)	1.5	1		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	813	603.6600	1807.9582	1806.9992	0.9589	0	45	0.13	1		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	814	905.0100	1808.0054	1806.9992	1.0062	0	(22)	50	1		R.VVSVLTVLHQDWLNGK.E
	815	603.9700	1808.8882	1806.9992	1.8889	0	(13)	2e+002	5		R.VVSVLTVLHQDWLNGK.E
	818	603.9800	1808.9182	1806.9992	1.9189	0	(25)	12	2		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	819	905.4800	1808.9454	1806.9992	1.9462	0	(45)	0.15	1		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	822	603.9900	1808.9482	1806.9992	1.9489	0	(31)	3.7	1		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	823	603.9900	1808.9482	1806.9992	1.9489	0	(24)	19	1		R.VVSVLTVLHQDWLNGK.E
<input checked="" type="checkbox"/>	824	603.9900	1808.9482	1806.9992	1.9489	0	(16)	1.1e+002	1		R.VVSVLTVLHQDWLNGK.E
	874	624.9600	1871.8582	1871.9629	-0.1047	1	17	85	10	U	R.EPQVYTLPPSRDELTK.N
	875	624.9600	1871.8582	1871.9629	-0.1047	1	(16)	1.1e+002	4	U	R.EPQVYTLPPSRDELTK.N
<input checked="" type="checkbox"/>	876	625.2700	1872.7882	1872.9146	-0.1264	0	(34)	1.8	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/>	877	937.4100	1872.8054	1872.9146	-0.1091	0	60	0.0042	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/>	878	625.2800	1872.8182	1872.9146	-0.0964	0	(51)	0.034	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/>	879	937.4300	1872.8454	1872.9146	-0.0691	0	(26)	11	1	U	K.TTPPVLDSDGSFFLYSK.L

<input checked="" type="checkbox"/>	880	937.4400	1872.8654	1872.9146	-0.0491	0	(57)	0.0092	1	U	K.TTPPVLDSDGSFFLYSK.L
<input checked="" type="checkbox"/>	982	713.6300	2137.8682	2138.0202	-0.1520	0	(42)	0.21	1	U	R.TPEVTCVVVDVSHEDPEVK.F
<input checked="" type="checkbox"/>	983	713.6400	2137.8982	2138.0202	-0.1220	0	73	0.00019	1	U	R.TPEVTCVVVDVSHEDPEVK.F
<input checked="" type="checkbox"/>	985	713.9900	2138.9482	2138.0202	0.9280	0	(16)	99	1	U	R.TPEVTCVVVDVSHEDPEVK.F
	1112	849.0900	2544.2482	2543.1241	1.1241	0	9	4.8e+002	2		K.GFYPSDIAVEWESNGQPENNYK.T
<input checked="" type="checkbox"/>	1163	711.5700	2842.2509	2843.4503	-1.1994	0	(16)	74	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1164	948.7700	2843.2882	2843.4503	-0.1621	0	(34)	1.3	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1165	711.8300	2843.2909	2843.4503	-0.1594	0	36	0.75	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1166	711.8300	2843.2909	2843.4503	-0.1594	0	(23)	14	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1167	711.8300	2843.2909	2843.4503	-0.1594	0	(19)	38	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
	1168	712.0800	2844.2909	2843.4503	0.8406	0	(8)	4.2e+002	5	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
	1169	712.2400	2844.9309	2843.4503	1.4806	0	(5)	8.2e+002	10	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1171	949.4700	2845.3882	2843.4503	1.9379	0	(25)	9.8	1	U	K.THTCPPCPAPELLGGPSVFLFPPKPK.D
<input checked="" type="checkbox"/>	1252	834.3700	3333.4509	3333.6349	-0.1840	1	11	2e+002	1	U	K.SCDKTHTCPPCPAPELLGGPSVFLFPPKPK.D
	1282	950.6900	3798.7309	3796.8043	1.9266	1	4	7.9e+002	7	U	R.TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAK.T

Proteins matching the same set of peptides:

[2::IGHG1_HUMAN](#) Mass: 36596 Score: 457 Matches: 47(11) Sequences: 13(6)
Immunoglobulin heavy constant gamma 1 OS=Homo sapiens OX=9606 GN=IGHG1 PE=1 SV=1

2. [2::IGHG3_HUMAN](#) Mass: 42287 Score: 215 Matches: 24(4) Sequences: 7(2) emPAI: 0.46
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	
421	581.4700	1160.9254	1160.6223	0.3031	0	(39)	0.53	1		K.NQVSLTCLVK.G	
422	581.9700	1161.9254	1160.6223	1.3031	0	71	0.00035	1		K.NQVSLTCLVK.G	
423	581.9700	1161.9254	1160.6223	1.3031	0	(70)	0.00043	1		K.NQVSLTCLVK.G	
424	581.9800	1161.9454	1160.6223	1.3231	0	(24)	15	1		K.NQVSLTCLVK.G	
425	581.9900	1161.9654	1160.6223	1.3431	0	(35)	1.2	1		K.NQVSLTCLVK.G	
426	581.9900	1161.9654	1160.6223	1.3431	0	(16)	90	3		K.NQVSLTCLVK.G	
<input checked="" type="checkbox"/>	447	594.1500	1186.2854	1185.4907	0.7948	0	12	2.9e+002	1	U	K.SCDTPPPCPR.C
530	643.7700	1285.5254	1285.6666	-0.1412	0	(13)	2.2e+002	2		R.EPQVYTLPPSR.E	
531	643.7800	1285.5454	1285.6666	-0.1212	0	17	97	6		R.EPQVYTLPPSR.E	
537	644.2600	1286.5054	1286.6442	-0.1387	0	(7)	9.8e+002	5		K.GPSVFPLAPCSR.S	
<input checked="" type="checkbox"/>	538	644.2800	1286.5454	1286.6442	-0.0987	0	40	0.54	1		K.GPSVFPLAPCSR.S
576	661.2700	1320.5254	1320.6708	-0.1453	0	97	8.6e-007	1		R.STSGGTAALGCLVK.D	
577	661.2800	1320.5454	1320.6708	-0.1253	0	(79)	6.5e-005	1		R.STSGGTAALGCLVK.D	
811	904.9500	1807.8854	1806.9992	0.8862	0	(35)	1.5	1		R.VVSVLTVLHQDWLNGK.E	
813	603.6600	1807.9582	1806.9992	0.9589	0	45	0.13	1		R.VVSVLTVLHQDWLNGK.E	
814	905.0100	1808.0054	1806.9992	1.0062	0	(22)	50	1		R.VVSVLTVLHQDWLNGK.E	
815	603.9700	1808.8882	1806.9992	1.8889	0	(13)	2e+002	5		R.VVSVLTVLHQDWLNGK.E	
818	603.9800	1808.9182	1806.9992	1.9189	0	(25)	12	2		R.VVSVLTVLHQDWLNGK.E	
819	905.4800	1808.9454	1806.9992	1.9462	0	(45)	0.15	1		R.VVSVLTVLHQDWLNGK.E	
822	603.9900	1808.9482	1806.9992	1.9489	0	(31)	3.7	1		R.VVSVLTVLHQDWLNGK.E	
823	603.9900	1808.9482	1806.9992	1.9489	0	(24)	19	1		R.VVSVLTVLHQDWLNGK.E	
824	603.9900	1808.9482	1806.9992	1.9489	0	(16)	1.1e+002	1		R.VVSVLTVLHQDWLNGK.E	
<input checked="" type="checkbox"/>	902	635.2800	1902.8182	1903.9349	-1.1168	1	21	29	1		R.EPQVYTLPPSREEMTK.N
912	641.2300	1920.6682	1919.9299	0.7383	1	(13)	1.7e+002	2		R.EPQVYTLPPSREEMTK.N + Oxidation (M)	

3. [2::IGHG4_HUMAN](#) Mass: 36431 Score: 132 Matches: 20(2) Sequences: 5(1) 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
421	581.4700	1160.9254	1160.6223	0.3031	0	(39)	0.53	1		K.NQVSLTCLVK.G
422	581.9700	1161.9254	1160.6223	1.3031	0	71	0.00035	1		K.NQVSLTCLVK.G
423	581.9700	1161.9254	1160.6223	1.3031	0	(70)	0.00043	1		K.NQVSLTCLVK.G
424	581.9800	1161.9454	1160.6223	1.3231	0	(24)	15	1		K.NQVSLTCLVK.G
425	581.9900	1161.9654	1160.6223	1.3431	0	(35)	1.2	1		K.NQVSLTCLVK.G
426	581.9900	1161.9654	1160.6223	1.3431	0	(16)	90	3		K.NQVSLTCLVK.G
537	644.2600	1286.5054	1286.6442	-0.1387	0	(7)	9.8e+002	5		K.GPSVFPLAPCSR.S
538	644.2800	1286.5454	1286.6442	-0.0987	0	40	0.54	1		K.GPSVFPLAPCSR.S
<input checked="" type="checkbox"/> 637	712.2900	1422.5654	1422.7024	-0.1370	0	42	0.27	1		R.STSESTAALGCLVK.D
638	713.3000	1424.5854	1422.7024	1.8830	0	(6)	1.1e+003	8		R.STSESTAALGCLVK.D
811	904.9500	1807.8854	1806.9992	0.8862	0	(35)	1.5	1		R.VVSVLTVLHQDWLNGK.E
813	603.6600	1807.9582	1806.9992	0.9589	0	45	0.13	1		R.VVSVLTVLHQDWLNGK.E
814	905.0100	1808.0054	1806.9992	1.0062	0	(22)	50	1		R.VVSVLTVLHQDWLNGK.E
815	603.9700	1808.8882	1806.9992	1.8889	0	(13)	2e+002	5		R.VVSVLTVLHQDWLNGK.E
818	603.9800	1808.9182	1806.9992	1.9189	0	(25)	12	2		R.VVSVLTVLHQDWLNGK.E
819	905.4800	1808.9454	1806.9992	1.9462	0	(45)	0.15	1		R.VVSVLTVLHQDWLNGK.E
822	603.9900	1808.9482	1806.9992	1.9489	0	(31)	3.7	1		R.VVSVLTVLHQDWLNGK.E
823	603.9900	1808.9482	1806.9992	1.9489	0	(24)	19	1		R.VVSVLTVLHQDWLNGK.E
824	603.9900	1808.9482	1806.9992	1.9489	0	(16)	1.1e+002	1		R.VVSVLTVLHQDWLNGK.E
1112	849.0900	2544.2482	2543.1241	1.1241	0	9	4.8e+002	2		K.GFYPSDIAVEWESNGQPENNYK.T

4. [2::IGHG2_HUMAN](#) Mass: 36505 Score: 97 Matches: 16(2) Sequences: 7(1) emPAI: 0.19
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
421	581.4700	1160.9254	1160.6223	0.3031	0	(39)	0.53	1		K.NQVSLTCLVK.G
422	581.9700	1161.9254	1160.6223	1.3031	0	71	0.00035	1		K.NQVSLTCLVK.G
423	581.9700	1161.9254	1160.6223	1.3031	0	(70)	0.00043	1		K.NQVSLTCLVK.G
424	581.9800	1161.9454	1160.6223	1.3231	0	(24)	15	1		K.NQVSLTCLVK.G
425	581.9900	1161.9654	1160.6223	1.3431	0	(35)	1.2	1		K.NQVSLTCLVK.G

426	581.9900	1161.9654	1160.6223	1.3431	0	(16)	90	3	K.NQVSLTCLVK.G
530	643.7700	1285.5254	1285.6666	-0.1412	0	(13)	2.2e+002	2	R.EPQVYTLPPSR.E
531	643.7800	1285.5454	1285.6666	-0.1212	0	17	97	6	R.EPQVYTLPPSR.E
537	644.2600	1286.5054	1286.6442	-0.1387	0	(7)	9.8e+002	5	K.GPSVFPLAPCSR.S
538	644.2800	1286.5454	1286.6442	-0.0987	0	40	0.54	1	K.GPSVFPLAPCSR.S
637	712.2900	1422.5654	1422.7024	-0.1370	0	42	0.27	1	R.STSESTAALGCLVK.D
638	713.3000	1424.5854	1422.7024	1.8830	0	(6)	1.1e+003	8	R.STSESTAALGCLVK.D
<input checked="" type="checkbox"/> 800	599.0500	1794.1282	1792.9836	1.1446	0	27	7.5	1	U R.VVSVLTVVHQDWLNGK.E
902	635.2800	1902.8182	1903.9349	-1.1168	1	21	29	1	R.EPQVYTLPPSREEMTK.N
912	641.2300	1920.6682	1919.9299	0.7383	1	(13)	1.7e+002	2	R.EPQVYTLPPSREEMTK.N + Oxidation (M)
1237	760.1100	3036.4109	3035.4894	0.9215	1	9	3.6e+002	4	U R.KCCVECPPCAPPVAGPSVFLFPPKPK.D

5. [2::IGA2_HUMAN](#) Mass: 49816 Score: 74 Matches: 2(2) Sequences: 1(1) emPAI: 0.07
Immunoglobulin alpha-2 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"/> 568	659.7100	1317.4054	1317.5659	-0.1605	0	(61)	0.0031	1	U	R.AEDTAVYYCAR.D
<input checked="" type="checkbox"/> 569	659.7400	1317.4654	1317.5659	-0.1005	0	61	0.0033	1	U	R.AEDTAVYYCAR.D

Proteins matching the same set of peptides:

[2::HVC05_CARAU](#) Mass: 12970 Score: 74 Matches: 2(2) Sequences: 1(1)
Ig heavy chain V region 5A OS=Carassius auratus OX=7957 PE=4 SV=1

[2::HVC33_HUMAN](#) Mass: 13152 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-30-3 OS=Homo sapiens OX=9606 GN=IGHV3-30-3 PE=1 SV=1

[2::HV307_HUMAN](#) Mass: 13105 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-7 OS=Homo sapiens OX=9606 GN=IGHV3-7 PE=1 SV=2

[2::HV311_HUMAN](#) Mass: 13071 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-11 OS=Homo sapiens OX=9606 GN=IGHV3-11 PE=1 SV=2

[2::HV321_HUMAN](#) Mass: 13002 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-21 OS=Homo sapiens OX=9606 GN=IGHV3-21 PE=1 SV=1

[2::HV333_HUMAN](#) Mass: 13237 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-33 OS=Homo sapiens OX=9606 GN=IGHV3-33 PE=1 SV=2

[2::HV348_HUMAN](#) Mass: 13032 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-48 OS=Homo sapiens OX=9606 GN=IGHV3-48 PE=1 SV=2

[2::HV353_HUMAN](#) Mass: 12932 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-53 OS=Homo sapiens OX=9606 GN=IGHV3-53 PE=1 SV=2

[2::HV366_HUMAN](#) Mass: 12918 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-66 OS=Homo sapiens OX=9606 GN=IGHV3-66 PE=3 SV=1

[2::HV374_HUMAN](#) Mass: 13002 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 3-74 OS=Homo sapiens OX=9606 GN=IGHV3-74 PE=3 SV=1

[2::HV741_HUMAN](#) Mass: 13011 Score: 74 Matches: 2(2) Sequences: 1(1)
Immunoglobulin heavy variable 7-4-1 OS=Homo sapiens OX=9606 GN=IGHV7-4-1 PE=3 SV=1

6. [2::HVC05_HUMAN](#) Mass: 13110 Score: 60 Matches: 1(1) Sequences: 1(1) 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
<input checked="" type="checkbox"/> 540	645.7200	1289.4254	1289.5598	-0.1343	0	60	0.0042	1	U	R.AEDTAVYYCAK.-

Proteins matching the same set of peptides:

[2::HV323_HUMAN](#) Mass: 12745 Score: 60 Matches: 1(1) Sequences: 1(1)
Immunoglobulin heavy variable 3-23 OS=Homo sapiens OX=9606 GN=IGHV3-23 PE=1 SV=2

[2::HV330_HUMAN](#) Mass: 13110 Score: 60 Matches: 1(1) Sequences: 1(1)
Immunoglobulin heavy variable 3-30 OS=Homo sapiens OX=9606 GN=IGHV3-30 PE=1 SV=2

7. [2::TRYP_PIG](#) Mass: 25078 Score: 52 Matches: 1(1) Sequences: 1(1) emPAI: 0.13
Trypsin OS=Sus scrofa OX=9823 PE=1 SV=1

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 1016	737.6400	2209.8982	2210.0967	-0.1986	0	52	0.019	1	U	R.LGEHNIDVLEGNQFVINAAK.I

Proteins matching the same set of peptides:

[1::Trypsin](#) Mass: 25078 Score: 52 Matches: 1(1) Sequences: 1(1)
Trypsin - Sus scrofa (Pig).

8. [2::AEE19_ARATH](#) Mass: 118028 Score: 29 Matches: 1(0) Sequences: 1(0) emPAI: 0.03
Putative acyl-activating enzyme 19 OS=Arabidopsis thaliana OX=3702 GN=At5g35930 PE=2 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"/> 870	623.3400	1866.9982	1865.9016	1.0966	0	29	5.8	1	U	R.MELQADIFSSPVMIGR.I + Oxidation (M)

9. [2::HV108_HUMAN](#) Mass: 13097 Score: 27 Matches: 2(0) Sequences: 2(0) emPAI: 0.26
Immunoglobulin heavy variable 1-8 OS=Homo sapiens OX=9606 GN=IGHV1-8 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"/> 586	667.2500	1332.4854	1333.5609	-1.0754	0	27	8.2	1	U	R.SEDTAVYYCAR.-
<input checked="" type="checkbox"/> 1061	764.9400	2291.7982	2292.1090	-0.3108	1	8	4.4e+002	1	U	R.VTMTNTSISTAYMELSSLR.S + 2 Oxidation (M)

10. [2:GLYCO_SIGMA](#) Mass: 59714 Score: 27 Matches: 1(0) Sequences: 1(0) emPAI: 0.06

Spike glycoprotein OS=Sigma virus OX=11301 GN=G 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
<input checked="" type="checkbox"/> 952	670.9400	2009.7982	2008.1067	1.6915	0	27	7	1	U	- <u>.MLALIFITTSV</u> WLAA SQK .T + Oxidation (M)

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 508	627.9300	1880.7682	1881.0320	-0.2638	1	40	0.97	1		EVKL V ESGGGLVQPGGSLR
<input checked="" type="checkbox"/> 562	657.2700	1312.5254	1312.6333	-0.1079	0	34	1.7	1		ELVSGGSCYITK
<input checked="" type="checkbox"/> 370	534.9500	1601.8282	1599.8840	1.9441	1	29	13	1		VNAVGPLVGAVMKAMK + Oxidation (M)
<input checked="" type="checkbox"/> 94	317.1300	632.2454	633.3082	-1.0627	0	27	15	1		SATAER
<input checked="" type="checkbox"/> 566	439.8500	1316.5282	1317.7148	-1.1867	2	26	11	1		IPMTKDGMKAVK
<input checked="" type="checkbox"/> 818	603.9800	1808.9182	1807.8563	1.0618	0	26	12	1		VVDANHDVFDYVLMR + Oxidation (M)
<input checked="" type="checkbox"/> 381	547.0200	1638.0382	1635.8944	2.1438	1	25	35	1		HGITKALLEADAELR
<input checked="" type="checkbox"/> 466	606.5500	1211.0854	1209.6652	1.4202	0	25	11	1		ILVHCAVGVSR
<input checked="" type="checkbox"/> 552	652.1400	1302.2654	1301.7166	0.5489	1	25	14	1		MLQWLATKSPK
<input checked="" type="checkbox"/> 867	623.0100	1866.0082	1866.0257	-0.0176	2	24	15	1		VRELEALARQMPGLQR
<input checked="" type="checkbox"/> 847	617.7400	1850.1982	1848.9404	1.2578	0	24	13	1		NVNMLWSSIIAETLSR + Oxidation (M)
<input checked="" type="checkbox"/> 558	654.7500	1307.4854	1307.6326	-0.1471	2	24	16	1		QEDIMNRMKK + Oxidation (M)
<input checked="" type="checkbox"/> 968	688.2500	2061.7282	2062.9234	-1.1952	1	24	12	1		MGAGCEVSHSANMLPTNKK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 761	573.3400	1716.9982	1716.8768	0.1214	2	24	18	1		QNNNSADGFLRLRR
<input checked="" type="checkbox"/> 937	654.9200	1961.7382	1961.9339	-0.1957	1	23	16	1		MDESFDVQRDHLVLMK
<input checked="" type="checkbox"/> 874	624.9600	1871.8582	1870.0523	1.8058	2	23	21	1		NLSTDIEIRNDKIIVK
<input checked="" type="checkbox"/> 375	359.1800	1074.5182	1075.5484	-1.0303	0	23	28	1		FIGGIADMPR
<input checked="" type="checkbox"/> 1010	732.6500	2194.9282	2193.2456	1.6826	2	23	17	1		RVDVLGRFPLPIEVIPMAR + Oxidation (M)
<input checked="" type="checkbox"/> 433	584.8700	1751.5882	1750.9049	0.6832	1	23	58	1		QALCPGSPRNFIHR
<input checked="" type="checkbox"/> 230	420.1100	1676.4109	1675.8100	0.6009	2	23	59	1		AGNKCETGVVVGDRK
<input checked="" type="checkbox"/> 737	560.9500	1679.8282	1677.8369	1.9913	2	22	27	1		AQERMRAARPYS DK
<input checked="" type="checkbox"/> 862	622.6800	1865.0182	1865.0007	0.0175	1	22	26	1		RVSLVDPDSEQGEAILPR
<input checked="" type="checkbox"/> 348	510.6400	1019.2654	1018.4792	0.7863	1	22	28	1		QSSGNNERK
<input checked="" type="checkbox"/> 573	660.7300	1319.4454	1317.5911	1.8544	0	22	26	1		AEDTAVYYCVK
<input checked="" type="checkbox"/> 726	820.3000	3277.1709	3276.5662	0.6047	2	22	52	1		DVWEQHYKDMGWQHLEFQSNKTKLIK + Oxidation (M)
<input checked="" type="checkbox"/> 804	599.3900	1795.1482	1794.9112	0.2370	1	22	23	1		DPKAGTGEDQVVLPGGQK
<input checked="" type="checkbox"/> 873	624.9300	1871.7682	1870.9762	0.7920	2	22	24	1		QGHEYTLIDTAGVRRR
<input checked="" type="checkbox"/> 647	481.0000	1439.9782	1439.6542	0.3240	2	22	25	1		NAENFARQDRGY
<input checked="" type="checkbox"/> 1183	573.4800	2862.3636	2861.4278	0.9358	2	22	20	1		QAEVVMVAFKAMVQTKLQDFEMFVR + Oxidation (M)
<input checked="" type="checkbox"/> 360	524.3900	1046.7654	1044.5788	2.1866	1	22	34	1		SISRPRSSR
<input checked="" type="checkbox"/> 601	451.0100	1350.0082	1348.7575	1.2507	1	22	25	1		QLDELHAVRR
<input checked="" type="checkbox"/> 443	592.2700	1182.5254	1182.5923	-0.0668	1	22	32	1		MIASMRMIATK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 175	376.7500	1502.9709	1501.7058	1.2651	1	21	90	1		TDMPVFPVKSCFR + Oxidation (M)
<input checked="" type="checkbox"/> 326	486.9400	971.8654	972.5538	-0.6884	1	21	34	1		MKPKQVSR
<input checked="" type="checkbox"/> 312	477.5800	1906.2909	1906.0824	0.2085	0	21	88	1		MTINLVIGVMLLIWFK + Oxidation (M)
<input checked="" type="checkbox"/> 239	422.9900	843.9654	842.3882	1.5772	1	21	41	1		DGKGDHSK
<input checked="" type="checkbox"/> 219	411.8300	1643.2909	1641.9090	1.3819	0	21	1e+002	1		VIYLSPPQGQPLTQAK
<input checked="" type="checkbox"/> 401	570.6300	1139.2454	1137.5852	1.6602	0	21	28	1		GNYSQVVIK
<input checked="" type="checkbox"/> 738	560.9500	1679.8282	1677.8012	2.0270	1	21	38	1		FGGEGSSGFRHYHIK
<input checked="" type="checkbox"/> 759	573.1400	1716.3982	1715.8843	0.5139	1	21	30	1		GVEVGDFELARVPGSK
<input checked="" type="checkbox"/> 675	748.2700	2241.7882	2242.1012	-0.3130	0	21	77	1		NAAGLDVAVTCEVQQLLGDNR
<input checked="" type="checkbox"/> 296	464.8200	927.6254	928.4978	-0.8723	0	21	45	1		VQAAIQGDK
<input checked="" type="checkbox"/> 350	512.5700	1023.1254	1022.4345	0.6909	0	21	31	1		SDFYNSYK
<input checked="" type="checkbox"/> 97	634.8400	633.8327	633.3156	0.5171	0	20	43	1		MAGEVK
<input checked="" type="checkbox"/> 928	488.8800	1951.4909	1951.0262	0.4647	0	20	29	1		LSTEPSSSEALGVGEVLHVK
<input checked="" type="checkbox"/> 825	603.9900	1808.9482	1809.9777	-1.0296	1	20	40	1		NSWTKIYPLVDHLK
<input checked="" type="checkbox"/> 444	592.7500	1183.4854	1182.6067	0.8788	2	20	44	1		KGGKMYIQDK + Oxidation (M)
<input checked="" type="checkbox"/> 531	643.7800	1285.5454	1285.7242	-0.1787	1	20	49	1		DIVDRTIDIVK
<input checked="" type="checkbox"/> 712	529.8200	1586.4382	1584.6726	1.7655	0	20	35	1		GTIATGDSFMSDPDR + Oxidation (M)
<input checked="" type="checkbox"/> 314	479.3600	1913.4109	1913.0265	0.3844	2	20	1.2e+002	1		IAMQERLAEQGRQLVR + Oxidation (M)
<input checked="" type="checkbox"/> 390	560.6500	2238.5709	2238.2154	0.3555	0	20	1.2e+002	1		VGRPIPGMMLAQSAGSITVALER + Oxidation (M)
<input checked="" type="checkbox"/> 406	572.5200	1143.0254	1141.6091	1.4163	1	20	42	1		LKESPEINGR
<input checked="" type="checkbox"/> 701	773.5700	2317.6882	2316.1096	1.5785	0	20	92	1		LAVMGDAAWDFSSAGGLFTSIGK + Oxidation (M)
<input checked="" type="checkbox"/> 664	489.1900	1464.5482	1464.6779	-0.1298	0	20	43	1		GYNINNISGNMPR + Oxidation (M)
<input checked="" type="checkbox"/> 803	599.3800	1795.1182	1794.9516	0.1666	2	20	40	1		TPADLYKITRDDLFK
<input checked="" type="checkbox"/> 86	312.0400	933.0982	932.4563	0.6419	0	20	1.3e+002	1		ISSGEGVER
<input checked="" type="checkbox"/> 820	603.9900	1808.9482	1809.9849	-1.0368	2	20	47	1		SIWLKAAQLEKSHGSR
<input checked="" type="checkbox"/> 554	654.2200	1959.6382	1958.0255	1.6127	1	20	1.1e+002	1		NIDTGAGLERLAVVMQGAK + Oxidation (M)
<input checked="" type="checkbox"/> 739	560.9600	1679.8582	1677.8012	2.0570	1	20	49	1		FGGEGSSGFRHYHIK
<input checked="" type="checkbox"/> 487	616.1400	2460.5309	2460.2987	0.2322	1	20	1.1e+002	1		LGMADHSIPEWIEGPLWIKR
<input checked="" type="checkbox"/> 533	644.1000	2572.3709	2570.2581	2.1128	1	20	1.2e+002	1		GRLHVVDGMAAMDQVTAIEGALR + 2 Oxidation (M)
<input checked="" type="checkbox"/> 991	720.9400	2159.7982	2160.1103	-0.3121	1	20	35	1		SISSENLYGDNKFSFLIVK
<input checked="" type="checkbox"/> 1018	737.6700	2209.9882	2209.1062	0.8819	1	20	41	1		MAFNADRSQVTNVGAVFGVAR
<input checked="" type="checkbox"/> 722	407.0100	1624.0109	1623.8297	0.1812	0	19	47	1		EFAPDLGLFITHSK
<input checked="" type="checkbox"/> 603	676.8600	2703.4109	2703.2666	0.1442	2	19	1.3e+002	1		RSGGMPQKFGTITVSDGISMGTGEMK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 607	678.6800	2033.0182	2030.9844	2.0338	1	19	1.2e+002	1		SSTSSCTFQNRVFLER
<input checked="" type="checkbox"/> 315	479.5700	957.1254	955.5702	1.5552	1	19	50	1		DKVPGLISK
<input checked="" type="checkbox"/> 400	569.9500	1706.8282	1707.8688	-1.0406	2	19	1.3e+002	1		WKDMKTNMPITSK + Oxidation (M)
<input checked="" type="checkbox"/> 963	510.6700	2038.6509	2037.1443	1.5066	2	19	36	1		VNDLLQTRLGNVSRSPR
<input checked="" type="checkbox"/> 829	608.8500	1823.5282	1823.9934	-0.4652	1	19	39	1		NSWTKIYPLVLEHLK
<input checked="" type="checkbox"/> 933	392.5900	1957.9136	1956.0840	1.8297	0	19	50	1		NRPVALLIHGGGHIMLSR + Oxidation (M)

✓	1176	713.6400	2850.5309	2849.5369	0.9940	2	19	37	1	APKMEMFORLLLLLLLLSMGGTWASK + Oxidation (M)
✓	322	484.3400	1933.3309	1933.0706	0.2603	2	19	1.4e+002	1	LANTALAVDIFKKLCEK
✓	611	683.3000	1364.5854	1362.5840	2.0014	0	19	1.4e+002	1	DEETGAWYQHK
✓	1064	461.3500	2301.7136	2301.0842	0.6295	2	19	37	1	NLSISDEKRMVLCYGGSGGSR + Oxidation (M)
✓	977	708.6700	2122.9882	2124.1651	-1.1770	1	19	50	1	VAGEAVRNLVGTIAGGIGDVR
✓	900	632.9200	1895.7382	1895.0339	0.7043	0	19	46	1	LSGIIGQPIPPYAPIMGR + Oxidation (M)
✓	426	581.9900	1161.9654	1160.6553	1.3101	0	19	53	1	QNLVSFIAAAK
✓	895	632.4900	1894.4482	1893.9367	0.5115	1	19	42	1	TGDLARYAADGTVVCLGR
✓	821	603.9900	1808.9482	1809.8965	-0.9483	2	19	58	1	EASVDDVMKVLMSRK + 2 Oxidation (M)
✓	648	481.2200	1440.6382	1440.8412	-0.2030	2	19	62	1	DLKGLAARAGIASAK
✓	724	818.4400	1634.8654	1632.9563	1.9092	2	19	61	1	SLKKQSTFLAQLAAK
✓	1158	1408.2700	4221.7882	4221.0265	0.7616	2	19	69	1	LGWSHGQEIFSIEEMIKAFNLEHINASPSRFDPEK
✓	428	582.4500	1162.8854	1161.6982	1.1872	1	19	55	1	SGVVLHRAVPK
✓	1103	843.1500	2526.4282	2524.4741	1.9541	2	19	46	1	DLGGLTFLLRVRTGTILQVTIPK
✓	875	624.9600	1871.8582	1872.8233	-0.9652	0	19	61	1	YGAVSEEVCESMAINAK + Oxidation (M)
✓	1001	1090.1800	3267.5182	3267.5171	0.0011	0	19	97	1	MILSWITSVNCAIASLSALSMYNMSTEDK + 2 Oxidation (M)
✓	797	598.0600	1791.1582	1790.8720	0.2862	2	18	53	1	TPSVLKEGMNKEDAEC + Oxidation (M)
✓	815	603.9700	1808.8882	1807.9680	0.9202	0	18	62	1	VVVSIGGSVLAPDLDPDR
✓	595	673.1700	1344.3254	1344.8017	-0.4762	1	18	57	1	TFTDLILPGKIK
✓	731	836.0800	3340.2909	3338.5522	1.7387	2	18	1.3e+002	1	AWEQYDRLYMQMELCRESELYLLR + Oxidation (M)
✓	236	421.6400	1261.5982	1260.6285	0.9697	1	18	1.8e+002	1	VFAGPAKDFPMGR + Oxidation (M)
✓	532	643.7800	1285.5454	1286.6540	-1.1086	0	18	1.7e+002	1	DQDPILLTMNK
✓	896	632.5500	1894.6282	1893.9693	0.6589	1	18	48	1	MISGFVEGVGMKPGDKK + Oxidation (M)
✓	992	720.9700	2159.8882	2159.1698	0.7183	1	18	52	1	QPNLKLHITQQAALDDQVK
✓	640	714.6500	2140.9282	2138.9877	1.9404	1	18	1.5e+002	1	DFLDDMSEAGGQAHFKAMR + Oxidation (M)
✓	1178	713.6500	2850.5709	2851.4650	-0.8941	1	18	45	1	MINDAAEIAKAAPARPDAFGPEALAVR + Oxidation (M)
✓	1117	850.2000	2547.5782	2548.2778	-0.6996	1	18	43	1	SGVDVVMFSGDKLLGGPQCGIAGR + Oxidation (M)
✓	1037	562.8700	2247.4509	2246.0382	1.4127	0	18	46	1	TFMGLSGMDGLVLTCTGDLSR + Oxidation (M)
✓	744	562.2600	1683.7582	1683.8991	-0.1409	2	18	69	1	AAVKRSVLMHWSQR + Oxidation (M)
✓	826	604.2900	1809.8482	1809.9777	-0.1296	1	18	66	1	NSWTKIYPPLVDHLK
✓	321	484.0800	966.1454	964.4648	1.6807	1	18	52	1	TAQKAMDGK + Oxidation (M)
✓	898	632.6500	1894.9282	1894.9935	-0.0653	1	18	66	1	MHAEIVSIGDELLKGQR
✓	349	510.6600	1019.3054	1019.5334	-0.2280	1	18	75	1	LPYQGRMR
✓	412	575.0300	1148.0454	1148.5720	-0.5266	2	18	65	1	KRGEAGAMSSR
✓	574	661.2500	1980.7282	1980.0687	0.6595	1	18	1.6e+002	1	LMAHGVASALAGARQTVGVR + Oxidation (M)
✓	777	581.1600	1740.4582	1740.8790	-0.4208	0	18	53	1	IEEIMDHVTIPVMK + Oxidation (M)
✓	1005	439.1700	2190.8136	2189.9503	0.8633	1	18	49	1	AYERAQQLNDLGEEMMR + 3 Oxidation (M)
✓	827	908.3600	2722.0582	2722.1875	-0.1293	2	18	1.3e+002	1	DPMDNSASESSDTEIAEKERTGEPK
✓	1274	593.5800	3555.4363	3554.8557	0.5806	1	18	30	1	GLWSGMLAGVGIGITLLCYVIYKTDWELEVK
✓	1184	717.3100	2865.2109	2864.4556	0.7553	0	18	45	1	AISVLGSTGSIGTQLTQIVDDFPDQFR
✓	1077	792.3000	2373.8782	2372.1859	1.6922	1	18	48	1	SDSASISSGIADRYATAIFELAK
✓	1067	581.5100	2322.0109	2320.1939	1.8170	1	18	57	1	GKGMWEVPHPNLNFVPASR
✓	885	627.4100	1879.2082	1879.0237	0.1844	1	18	59	1	FVKQLASNGGTILMVGTK + Oxidation (M)
✓	492	618.7600	1235.5054	1233.6717	1.8337	1	18	79	1	EKGITAVVFDR
✓	366	528.3600	1582.0582	1582.7959	-0.7378	1	18	1.9e+002	1	IMPFSSYVRLSAGR + Oxidation (M)
✓	471	610.0400	1218.0654	1217.6616	0.4039	1	18	69	1	ELVVTSTRETGK
✓	673	746.3600	1490.7054	1488.9028	1.8027	2	18	82	1	YQKAAQLSLKLVK
✓	233	421.1000	840.1854	839.4865	0.6990	1	18	52	1	APAAKAPSK
✓	379	540.1800	1078.3454	1077.6295	0.7160	0	18	75	1	NVLHGLAGGIK
✓	935	654.5800	1960.7182	1960.9710	-0.2529	1	18	57	1	VSCCTTAIPTPEEMTRLR
✓	1014	736.9900	2207.9482	2207.1667	0.7815	2	18	61	1	LFTMAINLKRTNMLQNQR + Oxidation (M)
✓	609	453.6000	1357.7782	1357.6668	0.1113	1	18	89	1	ASMLALMRFM + 2 Oxidation (M)
✓	214	407.3800	1625.4909	1624.7297	0.7612	1	18	2e+002	1	ALGVSDARMDQGS + 2 Oxidation (M)
✓	549	649.8900	1946.6482	1945.9997	0.6485	0	17	1.9e+002	1	DFLIPTSEEVITDLAR
✓	281	450.6300	1348.8682	1347.6095	1.2586	0	17	2.2e+002	1	FATSDLNDFYR
✓	884	626.8900	1877.6482	1877.0622	0.5860	1	17	59	1	LSLQATAKLVAANTYSK
✓	816	603.9700	1808.8882	1807.9138	0.9744	1	17	80	1	VALTGLTMAEAFRDEGK
✓	280	450.5800	899.1454	897.3941	1.7514	0	17	71	1	DALDDGHR
✓	620	692.4900	1382.9654	1382.6718	0.2937	0	17	1.8e+002	1	LQGPPTYEYLDK
✓	853	929.1500	2784.4282	2784.4779	-0.0497	1	17	1.6e+002	1	LCANHLNLATMAALGAVATKAFQGVK + Oxidation (M)
✓	115	660.2200	659.2127	659.3715	-0.1587	1	17	1.5e+002	1	TAGGARK
✓	786	586.0500	1755.1282	1754.8886	0.2396	2	17	73	1	FSRNAEMISPKHNPK
✓	904	636.6400	1906.8982	1908.0475	-1.1494	2	17	82	1	MTRPIAQKESHLRAVR + Oxidation (M)
✓	240	423.0000	843.9854	842.4749	1.5105	0	17	1e+002	1	STIEIPIA
✓	525	638.7400	1275.4654	1273.6738	1.7916	2	17	91	1	VELSNGEKRSR
✓	639	713.5500	1425.0854	1423.7704	1.3150	2	17	1.8e+002	1	CSKLSKTVSSLSK
✓	835	612.5000	1834.4782	1833.6564	0.8218	0	17	65	1	NMMSDNGSGENADMSR + 2 Oxidation (M)
✓	1096	626.2900	2501.1309	2502.2941	-1.1632	1	17	67	1	ISPSEAIPTPELQNVFLGRCK
✓	752	854.4700	1706.9254	1707.8693	-0.9438	0	17	90	1	GQPSWQGDTLHLTIR
✓	864	622.7000	1865.0782	1865.9306	-0.8524	1	17	83	1	TVDAVGTMDDEVFARALR + Oxidation (M)
✓	286	454.5200	907.0254	906.4559	0.5695	0	17	82	1	AEGYALAGR
✓	665	490.6700	1468.9882	1469.8242	-0.8360	0	17	81	1	IIDAILFDVAQPR
✓	580	662.2400	2644.9309	2645.3660	-0.4351	2	17	2e+002	1	GLQKLNQELTASESDGPISVEFRK
✓	654	726.7500	2177.2282	2176.0405	1.1877	2	17	2e+002	1	DKAYSGGTYMGQANRLVAMK + Oxidation (M)
✓	1063	575.2800	2297.0909	2296.2063	0.8846	2	17	78	1	ELVEKTTNIYSGNTRYAPK
✓	856	622.3200	1863.9382	1862.9964	0.9417	0	17	90	1	GVLAVMPSLEAFPTYIR
✓	309	477.1200	952.2254	952.4502	-0.2247	0	17	72	1	AEFDSLSGK
✓	267	442.6400	883.2654	884.4352	-1.1698	0	17	76	1	GVAPVDDGR
✓	765	574.6800	1721.0182	1721.9465	-0.9283	0	17	93	1	HWDDLVIIIVVSSR
✓	519	635.8900	1904.6482	1905.0030	-0.3548	0	17	2.4e+002	1	NAIYLLMSIVNDTAVPR + Oxidation (M)
✓	582	666.5900	1996.7482	1997.0582	-0.3100	0	17	2.3e+002	1	VLTEAELAIYIAHSQPSR

✓	1101	632.2600	2525.0109	2524.1435	0.8674	0	17	61	1	QLQQDQDGMONSHITEAMLHGK + Oxidation (M)
✓	1219	734.4100	2933.6109	2933.4099	0.2010	2	17	61	1	CPLPGTAAPKEICPGGMYTVSGVHRR + Oxidation (M)
✓	347	510.6200	1019.2254	1018.5658	0.6596	2	17	97	1	KATDSEIKK
✓	1021	553.9100	2211.6109	2212.1674	-0.5565	2	17	64	1	NFQLTKAVIEGYGSKLMTGR
✓	1086	481.2400	2401.1636	2402.2805	-1.1169	2	17	81	1	LGSSPGSPISKASSFDLNGKKPTK
✓	676	748.7400	2990.9309	2991.5449	-0.6140	1	17	2.1e+002	1	GKALIVVDEAYIEFCAMHSIVQLIEK + Oxidation (M)
✓	932	652.6100	1954.8082	1954.0380	0.7702	1	17	80	1	KPELSMDTIMIQKVHGK
✓	993	720.9700	2159.8882	2160.1691	-0.2809	2	17	77	1	FPFLANSRAKAIDNAEGLVK
✓	1204	581.1000	2900.4636	2900.3962	0.0674	1	17	67	1	DGALMAHLGAPDMRHAIGYALHWPER + Oxidation (M)
✓	806	900.2100	1798.4054	1797.9373	0.4681	0	17	1.8e+002	1	DPISFNEDRPVIQLR
✓	959	679.3000	2034.8782	2033.0907	1.7875	0	16	86	1	YSGMASLAVTLIALGLFYK + Oxidation (M)
✓	891	631.3500	1891.0282	1888.9063	2.1219	0	16	99	1	MAVTFVGNSTAIQEMFK + Oxidation (M)
✓	1085	480.8300	2399.1136	2398.3043	0.8094	2	16	83	1	LEKGLLERVPQVFMGDPVTR + Oxidation (M)
✓	894	632.2700	1893.7882	1893.9659	-0.1777	0	16	89	1	HQAVALMVSADLSVFFYK + Oxidation (M)
✓	708	524.8700	1571.5882	1570.8831	0.7051	1	16	93	1	EAGRSWASLVIVVGK
✓	627	700.8700	1399.7254	1398.6636	1.0619	1	16	2.6e+002	1	FQMKMGQTEGVK + Oxidation (M)
✓	1210	728.1500	2908.5709	2907.4688	1.1021	2	16	68	1	GGVPETTELLEKFDHIMYTGSTAVGK
✓	740	560.9600	1679.8582	1678.6927	1.1655	1	16	1e+002	1	MGGPKDPQTDNNDMK + 2 Oxidation (M)
✓	526	638.7600	1275.5054	1275.6823	-0.1768	0	16	1.2e+002	1	NLSLDAVIEFR
✓	1080	596.7800	2383.0909	2383.0844	0.0065	2	16	84	1	HLRCHTGERPYPCEACGKR
✓	1255	840.1700	3356.6509	3356.6273	0.0236	2	16	59	1	FNGESLSSHDVTDPRKSSTGSTSAYFLKPNK
✓	706	524.4400	1570.2982	1568.7504	1.5478	2	16	86	1	YQKAAEETNMEKK
✓	440	589.8400	1177.6654	1177.6277	0.0377	1	16	1.2e+002	1	VNEIICKFR
✓	318	481.7400	961.4654	959.5036	1.9619	1	16	1.4e+002	1	KIGSEGNK
✓	476	612.8700	1835.5882	1835.9121	-0.3239	1	16	2.6e+002	1	LEEAMKLLNSMQELR + 2 Oxidation (M)
✓	1053	570.5500	2278.1709	2277.0266	1.1443	1	16	91	1	CEDCGKGFQSSNLLIHQR
✓	999	542.3100	2165.2109	2165.0708	0.1401	2	16	92	1	EIMKANAVNTKVMIDIEEAK + 2 Oxidation (M)
✓	121	332.4200	662.8254	661.3217	1.5037	0	16	1.1e+002	1	ADGMIR
✓	537	644.2600	1286.5054	1285.6046	0.9008	1	16	1.2e+002	1	MAVAMSEKFEK + Oxidation (M)
✓	588	670.2000	2676.7709	2675.4646	1.3063	1	16	2.2e+002	1	AFLAKEGSLLAFAAAEAVQASLVGAVR
✓	793	594.3600	1780.0582	1781.0339	-0.9757	0	16	1e+002	1	SWLTPEVIDVIIAVVK
✓	915	643.5000	1927.4782	1925.9822	1.4960	1	16	78	1	FFNGFEAVAMKGLNPLR + Oxidation (M)
✓	522	638.2300	1274.4454	1274.5792	-0.1338	0	16	1.1e+002	1	AYGHNPGFEGAR
✓	610	679.9100	1357.8054	1356.7778	1.0276	1	16	1.3e+002	1	VYKALHKPHHK
✓	1153	1398.4700	5589.8509	5590.9279	-1.0770	1	16	1.1e+002	1	VLSLLACLAVAALAKPNGRMDNSVNQALKPSQWLSGSQLEAIPALDDF
✓	1032	746.5200	2236.5382	2235.2699	1.2683	2	16	74	1	GAREAEVLLLQQRVAALAAEK
✓	1093	622.6100	2486.4109	2485.2457	1.1652	1	16	84	1	NMARILGSGSYGMVYDLNNVAIK
✓	995	721.6300	2161.8682	2162.0752	-0.2070	1	16	85	1	AGLEDAMKAGPLSGFPMIDVK + Oxidation (M)
✓	965	681.0000	2039.9782	2038.0459	1.9323	2	16	1e+002	1	HFMETVSPFPGGKHGLAKV
✓	669	493.3900	1477.1482	1477.7493	-0.6012	2	16	92	1	KCIAVGMRSRAVR + Oxidation (M)
✓	1070	583.2900	2329.1309	2328.1420	0.9889	1	16	95	1	LDLADGMSVLVYPTDRAAYS + Oxidation (M)
✓	293	462.6300	923.2454	922.4508	0.7946	1	16	90	1	KADEAAYR
✓	1179	715.2900	2857.1309	2856.3971	0.7338	2	16	63	1	CTRGVAGEIQAGSPRVVVVPTNEER + Oxidation (M)
✓	1259	564.4800	3380.8363	3381.7139	-0.8776	2	16	59	1	RYAIEAIIATTGKNKLTGIMAEHFFYSR + Oxidation (M)
✓	344	507.9900	2027.9309	2025.8489	2.0820	1	16	3.2e+002	1	CMNCVDQADIGMVDSSR
✓	478	612.9400	1223.8654	1222.6669	1.1985	1	16	98	1	QSSASKLLYAR
✓	964	1020.7400	3059.1982	3058.4930	0.7051	1	16	1.8e+002	1	MVREQYTTVTGTHIERPENQHYYK
✓	405	572.0800	1142.1454	1142.6156	-0.4702	2	16	1e+002	1	GDRKPRGETK
✓	509	630.6800	1889.0182	1887.0288	1.9894	0	16	2.9e+002	1	TSHLIIGVPPPEVMLER
✓	429	582.4900	1162.9654	1161.6758	1.2897	0	16	1e+002	1	VYAGQTIIAVK
✓	319	483.6200	965.2254	963.5137	1.7117	2	16	98	1	AERKFDK
✓	410	573.6700	2290.6509	2290.1263	0.5246	2	16	3.1e+002	1	EQGKEMATKHNIPYIETSAK + Oxidation (M)
✓	957	677.9100	2030.7082	2028.8306	1.8776	0	16	82	1	TSGPWTMGFAETPGSGDCR + Oxidation (M)
✓	783	583.9300	1748.7682	1748.8549	-0.0867	0	16	1.2e+002	1	SLAASMANLNIEVMNR + Oxidation (M)
✓	981	713.0100	2136.0082	2135.9975	0.0107	1	16	1e+002	1	KVVPSPMTDPSMLTDMMK + 2 Oxidation (M)
✓	1147	674.3300	2693.2909	2694.3146	-1.0237	1	16	85	1	QPSMGPTFGIKGAAGAGYSQVLPMK + Oxidation (M)
✓	1177	713.6400	2850.5309	2851.4650	-0.9341	1	16	80	1	MINDAAETAKAAPARPDFAFGPEALAVR + Oxidation (M)
✓	486	615.9100	2459.6109	2460.3111	-0.7002	1	16	3.1e+002	1	LNELSYLPPELGEVARLSTVTK
✓	697	511.6200	1531.8382	1532.7201	-0.8819	0	16	1.3e+002	1	WYQAGAYQPFPR
✓	914	642.9700	1925.8882	1926.0422	-0.1540	2	16	1.1e+002	1	AAVQAAEVKVDGSEPKLSK
✓	439	587.4300	2345.6909	2344.1911	1.4998	1	16	2.9e+002	1	IEVQQGDTLWSIADQVADTKK
✓	584	666.8700	1331.7254	1332.6633	-0.9379	2	16	3.1e+002	1	ERNDDSTKLQK
✓	502	623.9800	1245.9454	1245.6638	0.2816	0	16	3e+002	1	QLLSAEMIPTK + Oxidation (M)
✓	551	651.6300	1951.8682	1951.9599	-0.0918	0	16	3e+002	1	DQLNQSGLVIEDSPQGFR
✓	1215	488.8900	2927.2963	2925.5923	1.7040	2	16	75	1	ISGVNPAISILLVYLEQGRIARVSNE
✓	784	584.7200	1751.1382	1749.9196	1.2186	2	16	98	1	GGILSKACDYIRELR
✓	970	695.0300	2082.0682	2083.0116	-0.9435	2	16	1.1e+002	1	TNKGADNIAMRDAHVIDDK
✓	1006	732.5200	2194.5382	2195.1191	-0.5809	2	16	79	1	GMRASNLRDSIAIVEPLCK + Oxidation (M)
✓	605	678.0600	2708.2109	2706.3437	1.8672	0	16	2.9e+002	1	LISFWMISAMGVAIPIYFGSSVSEK + Oxidation (M)
✓	623	694.6400	1387.2654	1386.7844	0.4811	2	16	1.1e+002	1	ATLLSARRASWR
✓	459	601.2100	2400.8109	2401.2167	-0.4058	2	16	3e+002	1	FMSDETVRLMMVLKINSLAR + 3 Oxidation (M)
✓	942	657.3500	1969.0282	1967.9254	1.1028	0	16	1.1e+002	1	EEVMQMVIAILSESDMK + Oxidation (M)
✓	671	743.8000	1485.5854	1484.6826	0.9029	0	16	1.2e+002	1	LPCYIMSSEMR
✓	619	691.2900	2070.8482	2070.0415	0.8066	0	16	3e+002	1	TCAILLESVQEGGINPANK
✓	548	649.8300	2595.2909	2594.3785	0.9124	2	16	3.2e+002	1	AAERMQMPLVLVANQSLRVPPSR + 2 Oxidation (M)
✓	1087	603.1300	2408.4909	2407.0494	1.4415	1	16	83	1	VKDDDMVCVNMGEPIWEPNK + 2 Oxidation (M)
✓	774	579.6400	1735.8982	1733.8029	2.0952	0	15	1.3e+002	1	MESSSSTFLTTSLDK
✓	973	524.8700	2095.4509	2096.1126	-0.6617	2	15	87	1	EALELAAERIRSFHQAK
✓	1045	754.7000	2261.0782	2259.1682	1.9100	0	15	1.1e+002	1	SAPGLPPAPQGDADVVQVMLAR
✓	169	372.7700	743.5254	744.3654	-0.8399	0	15	1.9e+002	1	TPSSEPK
✓	984	713.6500	2137.9282	2137.0217	0.9065	2	15	1.1e+002	1	ITMKDLLEAADRVMMGPAK + 2 Oxidation (M)

✓	1084	600.6400	2398.5309	2397.3414	1.1895	2	15	83	1	KRSMLESLVQTVQQIPGVGK
✓	261	440.8300	879.6454	880.3862	-0.7407	0	15	1.3e+002	1	DGVQFCR
✓	702	777.5700	1553.1254	1552.9301	0.1954	1	15	1e+002	1	VSETRIASLVPIIR
✓	768	431.9100	1723.6109	1722.8577	0.7532	1	15	1e+002	1	GDFQTVTFEGPEIRK
✓	758	573.0100	1716.0082	1714.9955	1.0127	2	15	1.3e+002	1	AGAGAVVPKLSHLPRSR
✓	306	477.0600	952.1054	950.5437	1.5618	0	15	98	1	TVAGLLYSK
✓	736	560.9400	1679.7982	1677.8071	1.9911	0	15	1.3e+002	1	APVSDPQAATSAHPSSR
✓	998	542.3000	2165.1709	2166.1224	-0.9515	2	15	1.1e+002	1	TVMIGGKAAPGHHMAKMIIR + 3 Oxidation (M)
✓	1254	668.5600	3337.7636	3337.5118	0.2518	1	15	75	1	LNFEETFQNLKSYMANNIEEDADMSK + Oxidation (M)
✓	334	494.8700	987.7254	988.4938	-0.7683	1	15	1.7e+002	1	ISQGERDGK
✓	530	643.7700	1285.5254	1286.7016	-1.1762	0	15	1.5e+002	1	GEIGVIMINVSR
✓	943	494.8800	1975.4909	1974.8564	0.6345	0	15	95	1	HNYSLSSCSNIYTQTK
✓	616	689.7500	1377.4854	1377.7326	-0.2472	0	15	1.3e+002	1	LNDMGIYGVIVGK
✓	955	676.2800	2025.8182	2026.9063	-1.0882	1	15	1.1e+002	1	KSGWTECAGMVHMAFTAK + Oxidation (M)
✓	923	647.2300	1938.6682	1939.8583	-1.1902	0	15	1e+002	1	TMEMFEAFEFADSLK + 2 Oxidation (M)
✓	150	359.1600	1432.6109	1431.7755	0.8354	1	15	5.6e+002	1	GNLALTGKLGDMVK + Oxidation (M)
✓	1013	736.3800	2206.1182	2204.0961	2.0221	0	15	1.2e+002	1	NEAPASFETALSELEQIVTR
✓	210	401.5200	801.0254	800.4392	0.5862	0	15	1.6e+002	1	DVAVELR
✓	1133	646.9300	2583.6909	2582.1905	1.5004	1	15	82	1	HTQRMQHNGHSLQDPSTQAHTR + Oxidation (M)
✓	905	637.5400	1909.5982	1910.0883	-0.4902	2	15	1e+002	1	GALDCILRARLEALLAR
✓	76	305.0200	608.0254	607.2813	0.7441	0	15	1.1e+002	1	DTGSTK
✓	555	654.3100	1306.6054	1305.5983	1.0072	1	15	1.5e+002	1	REAEAMLEDAR + Oxidation (M)
✓	1022	740.5700	2218.6882	2218.0497	0.6384	1	15	93	1	MTMSVETQKETLGFQTEVK + 2 Oxidation (M)
✓	1221	738.0600	2948.2109	2947.4895	0.7214	2	15	78	1	SEGIIPALESSHALAHALKMREAPEK + 2 Oxidation (M)
✓	96	317.1400	632.2654	631.3541	0.9114	0	15	2.6e+002	1	GVTVEK
✓	184	768.1400	767.1327	765.3843	1.7484	0	15	89	1	NGMFGLK
✓	1051	760.3300	2277.9682	2276.0024	1.9657	0	15	1.1e+002	1	NTYGTGCFMLMNVGDAPVASR + Oxidation (M)
✓	599	449.6900	1346.0482	1345.7313	0.3168	2	15	1.3e+002	1	SSSKSPKPSKSAR
✓	892	631.7000	1892.0782	1890.9337	1.1445	2	15	1.4e+002	1	KGDVGPGAGEVEFRGGFGR
✓	592	672.2700	1342.5254	1342.5936	-0.0681	0	15	1.5e+002	1	QDPLSNPDACAR
✓	413	575.0300	1148.0454	1148.6077	-0.5623	1	15	1.4e+002	1	EKIEEGGFIK
✓	662	730.4800	1458.9454	1456.7899	2.1556	2	15	1.5e+002	1	HKKGDTSHIHK
✓	144	354.0100	706.0054	706.3259	-0.3205	0	15	1.4e+002	1	SHGHNR
✓	563	658.7100	2630.8109	2629.2839	1.5270	2	15	3.6e+002	1	IAKLSIGNEMGEMITQYKSNNR + 2 Oxidation (M)
✓	295	464.7900	927.5654	926.6277	0.9378	2	15	1.8e+002	1	AIKKGKIGK
✓	629	702.3100	2103.9082	2102.1955	1.7126	2	15	3.9e+002	1	VMVRALVKTLDTLMDLIR + Oxidation (M)
✓	833	610.8600	1829.5582	1830.0264	-0.4682	0	15	1.1e+002	1	AQANTPLHIRPPPPPK
✓	589	671.2500	2010.7282	2010.8818	-0.1536	2	15	3.3e+002	1	GKCGRVYGAMAGMMMTVK + 4 Oxidation (M)
✓	941	655.9000	1964.6782	1964.0612	0.6169	2	15	1.1e+002	1	MSETKVVRTLTGVVSDK + Oxidation (M)
✓	1150	679.3100	2713.2109	2713.3745	-0.1636	2	15	1e+002	1	SAEDQLFTMKAYLNANRISVLSDK
✓	924	647.9900	1940.9482	1940.0803	0.8679	2	15	1.4e+002	1	AKALSVLASRIAQAQER
✓	798	598.0600	1791.1582	1790.8720	0.2862	2	15	1.3e+002	1	TPSVLKEGMNKEDAOK + Oxidation (M)
✓	209	401.4300	800.8454	799.3824	1.4630	0	15	1.8e+002	1	NGQGEPK
✓	834	918.1100	1834.2054	1833.9156	0.2899	2	15	2.9e+002	1	GGGKIKAGFEGGQTPMQR + Oxidation (M)
✓	1060	764.4200	2290.2382	2290.2104	0.0278	1	15	1.3e+002	1	VGGMGDVVSSLPALAKLGHVDR + Oxidation (M)
✓	596	673.3200	2689.2509	2688.3595	0.8914	2	15	4.4e+002	1	KMNHIVTLGEHPSFDKAAGHAWK + Oxidation (M)
✓	1009	732.6300	2194.8682	2195.1909	-0.3228	2	15	1.1e+002	1	GDIKSSERLIESPAPGIAR
✓	402	570.6600	1139.3054	1139.5975	-0.2921	0	14	1.2e+002	1	WDHLLDLTK
✓	1052	570.5300	2278.0909	2277.2263	0.8646	2	14	1.4e+002	1	VAAVLAREGETVFTLGRMVSR + Oxidation (M)
✓	1094	622.7300	2486.8909	2485.4420	1.4488	1	14	98	1	IIKEAFHIATTGRPGVLIIDIPK
✓	446	593.8300	1185.6454	1185.6506	-0.0052	0	14	4.5e+002	1	GILGFELQPGR
✓	269	444.0700	886.1254	886.4872	-0.3618	1	14	1.7e+002	1	AQKDQAVK
✓	751	569.2000	1704.5782	1704.9383	-0.3601	2	14	1.3e+002	1	SASRLSYAQGALRAVR
✓	600	675.9300	2699.6909	2700.2964	-0.6055	2	14	3.9e+002	1	TQRHGRSQSLPNSLDYTTQTSDPGR
✓	391	561.0900	2240.3309	2239.1493	1.1816	1	14	4e+002	1	MLSQFTRSLSCFVKPTPPK + Oxidation (M)
✓	593	672.2800	1342.5454	1342.7391	-0.1936	1	14	1.8e+002	1	KMGSSIPGIRPGK + Oxidation (M)
✓	1120	641.2800	2561.0909	2561.4904	-0.3995	2	14	1.1e+002	1	LLIVNVDAEKNVLLIKGVSANR
✓	1027	558.3400	2229.3309	2228.0276	1.3033	1	14	1.3e+002	1	LYQMTCDCIDEVATPLR + Oxidation (M)
✓	614	456.5700	1366.6882	1364.7486	1.9396	1	14	1.7e+002	1	VTMEVFLRGLK + Oxidation (M)
✓	591	672.2500	1342.4854	1342.7166	-0.2312	0	14	1.6e+002	1	VAMPLENEVDLVK + Oxidation (M)
✓	794	595.1700	1782.4882	1782.8612	-0.3731	2	14	1.2e+002	1	QIARMAKMDAMLNK + 2 Oxidation (M)
✓	395	564.7300	1691.1682	1689.8906	1.2776	1	14	4.2e+002	1	LGLIPLTSERAMSMR + Oxidation (M)
✓	543	647.8800	1293.7454	1291.5827	2.1628	1	14	1.8e+002	1	MDTSDPRGIER + Oxidation (M)
✓	1220	734.5900	2934.3309	2934.5491	-0.2182	2	14	1.1e+002	1	NDVAFVYPKGQSEPIVLVIFTNKDNK
✓	886	628.6700	1882.9882	1883.9161	-0.9280	1	14	1.6e+002	1	VAEPSKMFSPPPPEPK + Oxidation (M)
✓	77	610.0100	609.0027	607.3329	1.6698	0	14	1e+002	1	AYAVGK
✓	1130	646.7200	2582.8509	2583.2653	-0.4144	1	14	98	1	TFTRAGAFGVDNAGTLVNPANGMR
✓	353	517.1100	1032.2054	1031.5651	0.6403	0	14	1.6e+002	1	QYVDPVIAK
✓	990	720.0100	2157.0082	2155.2034	1.8048	2	14	1.5e+002	1	KILLGSGELGKEMATEAQR
✓	364	528.0600	2108.2109	2106.9748	1.2361	0	14	4e+002	1	GPSVAEMMLSLGEQEVCCR + Oxidation (M)
✓	1160	565.2100	2821.0136	2820.4747	0.5389	2	14	92	1	VAAGAVARAMLPMMIRGALVQMGPHK + Oxidation (M)
✓	362	527.3400	1052.6654	1052.5172	0.1483	2	14	1.6e+002	1	KTEADMSKK + Oxidation (M)
✓	556	654.3600	1306.7054	1304.5530	2.1525	0	14	4.7e+002	1	MMFGGDPYTVR + 2 Oxidation (M)
✓	723	544.1100	1629.3082	1629.8573	-0.5492	2	14	1.4e+002	1	KDPLETIDSGNKVSK
✓	781	874.1500	3492.5709	3490.9991	1.5718	2	14	3.5e+002	1	MLHPARTMLLLSLPAVAIGIASSLILIMVK + 2 Oxidation (M)
✓	717	321.5900	1602.9136	1602.8446	0.0690	2	14	1.8e+002	1	IKIAVCGAAGRMGQR + Oxidation (M)
✓	1072	583.6400	2330.5309	2330.0857	0.4452	0	14	1.1e+002	1	GELFGPGQPQLPAPNMLMMDR + 2 Oxidation (M)
✓	1193	578.0100	2885.0136	2884.4542	0.5594	0	14	90	1	IDSLHGEVLHVGLNVYVIECSGVGYR
✓	357	522.4200	1042.8254	1042.5407	0.2847	0	14	1.8e+002	1	GSAPINLTDR
✓	226	416.7000	831.3854	831.3359	0.0496	0	14	2.7e+002	1	DPDSQR
✓	415	576.1100	1150.2054	1149.5336	0.6719	0	14	1.5e+002	1	QQALETMDK + Oxidation (M)

✓	463	605.0900	1208.1654	1207.6085	0.5570	0	14	1.4e+002	1	QAETLFTPSSK
✓	291	461.3900	1381.1482	1379.6239	1.5243	0	14	4.3e+002	1	SIDGQAMLTGDK + Oxidation (M)
✓	1234	606.0100	3025.0136	3023.4586	1.5550	1	14	87	1	FGLEVDEIKEMSEVFFVGDEAVEHIFR
✓	1097	626.6700	2502.6509	2502.2869	0.3640	2	14	1.1e+002	1	ILSSVQGMRTQLQMQGRMVFPV + Oxidation (M)
✓	1189	575.8200	2874.0636	2873.4813	0.5823	2	14	95	1	QHINVEKMKMLGATVPVTSNGMTLK + 3 Oxidation (M)
✓	641	714.8700	1427.7254	1426.8368	0.8886	2	14	2e+002	1	LLRSAEQVSRLLR
✓	1243	779.2800	3113.0909	3112.4746	0.6163	1	14	85	1	AGNGPIILEMDTYRYVGHSMSPDGITYR
✓	1011	550.9100	2199.6109	2198.9798	0.6311	1	14	1.2e+002	1	MRSMSMLYYENEDFVLR + Oxidation (M)
✓	504	624.5500	1247.0854	1247.6874	-0.6019	0	14	4.4e+002	1	ALTIALGSSNNFK
✓	1008	732.6300	2194.8682	2195.1754	-0.3072	0	14	1.3e+002	1	GWFAWAMLPPFSLFLGLIAR
✓	760	573.1500	1716.4282	1714.7886	1.6396	1	14	1.4e+002	1	SQAYVARYGDWPMR + Oxidation (M)
✓	729	555.3400	1662.9982	1663.8134	-0.8152	1	14	1.8e+002	1	GGQMVRSAAGSAQVMK + Oxidation (M)
✓	1035	749.2900	2244.8482	2244.2266	0.6215	2	14	1.2e+002	1	DLAHFPAVDPEKIAVEIPKR
✓	624	464.7600	1391.2582	1389.7517	1.5065	2	14	1.5e+002	1	TAAHFHEPPKKK
✓	1075	586.6100	2342.4109	2342.2879	0.1230	2	14	1.3e+002	1	GCTKGDKILISSIPEALAITQK
✓	1020	738.1000	2211.2782	2211.0412	0.2370	2	14	1.5e+002	1	TALVQKMEQAVENFNCSRS
✓	755	571.9500	1712.8282	1710.7892	2.0390	0	14	1.9e+002	1	TNAVCEFLMINPMR + Oxidation (M)
✓	668	493.3100	1476.9082	1475.6827	1.2255	1	14	1.9e+002	1	QGPNSEDIWKM + Oxidation (M)
✓	1226	594.6200	2968.0636	2968.6032	-0.5396	1	14	94	1	RTMLIIVMIYFIALMIYFFSVFQK + 2 Oxidation (M)
✓	1105	844.9800	2531.9182	2532.1559	-0.2377	1	14	1.1e+002	1	VLFNFENIRISMEQFENMCSR + Oxidation (M)
✓	661	486.5800	1456.7182	1457.8891	-1.1709	1	14	2.1e+002	1	ILIEMLAVTLSKK
✓	1227	745.3700	2977.4509	2978.4192	-0.9683	1	14	1.2e+002	1	AGVQVSDDEMQNSLFQQLRQFPQGEK
✓	788	881.4200	2641.2382	2641.2668	-0.0287	1	14	4.2e+002	1	EMFTTLPAAQAAGSIAYWEPMKQR + Oxidation (M)
✓	1036	749.3700	2245.0882	2244.1565	0.9316	0	14	1.6e+002	1	SSLFEELQSLDIFLAELYK
✓	1048	755.9800	2264.9182	2263.1821	1.7360	2	14	1.4e+002	1	REFQYQNGQVVIETGRIAR
✓	1050	757.5600	2269.6582	2269.1637	0.4944	1	14	1.2e+002	1	WVVDNERTVAGMAAGLGAPLAR + Oxidation (M)
✓	633	473.0200	1416.0382	1414.7317	1.3065	1	14	1.6e+002	1	AAQGFARGQGVPEK
✓	745	564.0300	1689.0682	1687.8516	1.2166	0	14	1.7e+002	1	VTESELIEIQDIGDK
✓	889	945.9300	1889.8454	1888.0140	1.8315	2	14	3.6e+002	1	AGVRLHEIGTTNRTHAR
✓	1229	753.6400	3010.5309	3010.5288	0.0021	1	14	1.2e+002	1	IGSDGEEVTPEGGFINYGLVRGDYILIK
✓	1209	581.7200	2903.5636	2903.5711	-0.0075	2	14	1.3e+002	1	GVTSLQMDIKIAGITEIMKVALTQAK + Oxidation (M)
✓	667	493.2800	1476.8182	1475.7595	1.0587	2	14	2.1e+002	1	KSPYPHMFPTKK + Oxidation (M)
✓	848	617.7600	1850.2582	1850.9486	-0.6904	1	14	1.4e+002	1	AAVGQESPGGLEAGNAKAPK
✓	189	386.5600	771.1054	771.4966	-0.3912	1	14	1.8e+002	1	RLAALTK
✓	114	660.2200	659.2127	659.3854	-0.1727	0	14	3.4e+002	1	ATDIIK
✓	290	307.7100	920.1082	919.4909	0.6173	1	14	1.9e+002	1	QMAARLSK + Oxidation (M)
✓	597	673.7600	1345.5054	1343.6609	1.8446	1	14	2e+002	1	EVLDSESYKK
✓	1152	693.3200	2769.2509	2769.3463	-0.0954	2	14	1.3e+002	1	GQVEMPAASREEVEAAARGNENVLR + Oxidation (M)
✓	938	982.0500	1962.0854	1962.0171	0.0684	2	14	3.5e+002	1	QASDDGKLFSGSAVVRVAK
✓	628	702.2900	2805.1309	2805.4371	-0.3062	1	14	4.6e+002	1	YDQKPTGLKLASLSDHLHSFIGDCK
✓	660	729.2900	1456.5654	1457.6908	-1.1253	0	14	1.9e+002	1	GLAFCAEMGLPHR
✓	866	622.9900	1865.9482	1866.8274	-0.8793	0	14	1.8e+002	1	SIQDVNVCMGDNVCIK + Oxidation (M)
✓	501	623.3300	1244.6454	1245.6135	-0.9681	2	14	2.3e+002	1	ENPAMQEK + Oxidation (M)
✓	869	467.5300	1866.0909	1866.8240	-0.7331	0	14	1.8e+002	1	SVSEMRPGDVTYMHDK + Oxidation (M)
✓	1156	561.3000	2801.4636	2802.5684	-1.1048	0	14	1.4e+002	1	TYLSVAPVVTSTWFGALAGLLIEINR
✓	1230	753.6400	3010.5309	3008.5827	1.9482	1	14	1.3e+002	1	SVILTWSRSTIIPIMIGNTIGVYNGK + Oxidation (M)
✓	713	530.3200	1587.9382	1587.7385	0.1996	0	14	2.1e+002	1	MPGPQGGTGAPSMGLK + Oxidation (M)
✓	747	566.1900	1695.5482	1693.8240	1.7242	1	14	1.5e+002	1	VRMQGQEAVALMSSR + 2 Oxidation (M)
✓	455	597.1500	1192.2854	1190.6077	1.6777	1	14	1.7e+002	1	LAERLSSQCK
✓	1107	845.9900	2534.9482	2534.2945	0.6537	2	14	1.2e+002	1	VLVEREVSSVMIRSALTCQSDR
✓	1046	755.3700	2263.0882	2264.1035	-1.0153	2	13	1.7e+002	1	AAVSAFDTFDDVKKMDTFK + Oxidation (M)
✓	1134	647.2500	2584.9709	2583.2971	1.6738	1	13	1.2e+002	1	AQTKATLASGNFMSIINCLMQLR + Oxidation (M)
✓	238	422.9800	843.9454	842.5225	1.4229	1	13	2.4e+002	1	KLGLLGDK
✓	371	536.2300	1070.4454	1068.6291	1.8163	1	13	2.3e+002	1	VLKINPETR
✓	865	622.7700	1865.2882	1864.8924	0.3958	0	13	1.5e+002	1	MCQRPSTLYGPTLEAAR + Oxidation (M)
✓	939	655.2400	1962.6982	1961.0582	1.6400	2	13	1.5e+002	1	STIRLVREEPGSELFTK
✓	666	490.8300	1469.4682	1469.6075	-0.1393	1	13	1.7e+002	1	HCACAPRCDAFR
✓	445	593.7700	1185.5254	1184.5898	0.9356	1	13	2.5e+002	1	SEGGPPSVSRGR
✓	779	582.5300	1744.5682	1744.9611	-0.3929	1	13	1.6e+002	1	GLLEAISEKYGIPVEK
✓	1169	712.2400	2844.9309	2845.6463	-0.7154	2	13	1.1e+002	1	ITNLRILVTLHQVLVIGLKVEAMEK
✓	1256	843.1400	3368.5309	3368.7259	-0.1950	2	13	1.1e+002	1	VGVGTGNPANTNALIAMSAPDIPRERFSALTR + Oxidation (M)
✓	858	622.3500	1864.0282	1864.0530	-0.0248	2	13	2e+002	1	NIIGIKEATGDLRIHK
✓	778	581.7700	1742.2882	1741.7577	0.5305	1	13	1.6e+002	1	KGAYAAIMDENDEGSR + Oxidation (M)
✓	373	537.1500	1072.2854	1072.5189	-0.2335	0	13	2e+002	1	DDDLPPFVR
✓	996	722.3100	2163.9082	2163.1423	0.7659	1	13	1.6e+002	1	SKPDLESSLESVDFDLRTK
✓	1108	846.0700	2535.1882	2534.2765	0.9116	2	13	1.6e+002	1	ASRTHPGGTTFTKTDGGLAEVEAAVL
✓	244	426.5200	851.0254	850.4297	0.5957	0	13	1.7e+002	1	NINFTR
✓	1100	840.8700	2519.5882	2518.2771	1.3111	2	13	1.3e+002	1	LIAMKGPAAAGDEMEAAKTTLAALR + 2 Oxidation (M)
✓	1212	729.0600	2912.2109	2912.3264	-0.1155	2	13	1.2e+002	1	MSSPYFCNHLCVSVSNMPPNKKK + Oxidation (M)
✓	689	760.5800	1519.1454	1519.9160	-0.7705	2	13	1.7e+002	1	KALLKNMVISLFK + Oxidation (M)
✓	1007	732.6100	2194.8082	2195.1660	-0.3578	2	13	1.4e+002	1	ILVTDKEYDMPFSKGLLAR
✓	352	514.1300	2052.4909	2051.9622	0.5287	1	13	4.7e+002	1	TSGRAVYSMSFGSYAEVPK + Oxidation (M)
✓	828	908.6900	2723.0482	2721.4061	1.6421	2	13	3.8e+002	1	KVDVYLDPMFPQDQHHQVTK + Oxidation (M)
✓	658	728.5300	2182.5682	2182.9589	-0.3907	0	13	4.3e+002	1	DLTNAPAGNMYPESFANEAR + Oxidation (M)
✓	148	357.2300	1424.8909	1423.7744	1.1165	2	13	6e+002	1	ALYKMEGELVKV + Oxidation (M)
✓	903	952.4600	2854.3582	2852.3334	2.0248	2	13	4.4e+002	1	QGWCFESARDVLNDIGDMERILGR + Oxidation (M)
✓	1026	743.9800	2228.9182	2228.2425	0.6757	2	13	1.6e+002	1	SLRIMSQKFMFLVSTTK
✓	216	409.7100	1634.8109	1634.8273	-0.0164	1	13	7.1e+002	1	VFCVKSHVQVMTK + Oxidation (M)
✓	436	586.5500	1756.6282	1754.9097	1.7184	1	13	5.4e+002	1	ALVGAPDGSQMITVGERR
✓	635	711.8000	1421.5854	1421.7626	-0.1772	1	13	2.2e+002	1	RLLAGEPPTEPSR
✓	33	512.1100	511.1027	510.2914	0.8113	1	13	90	1	KHLGG

✓	1091	611.8700	2443.4509	2444.1642	-0.7133	2	13	1.5e+002	1	DSQDVYQELNELKSKFQAMR + Oxidation (M)
✓	273	448.7200	895.4254	894.4447	0.9808	0	13	2e+002	1	DYLASAQK
✓	1206	726.5700	2902.2509	2901.3457	0.9052	1	13	1.3e+002	1	VYATENPHEYVVEYKDDATAFNAQK
✓	557	654.4200	2613.6509	2612.3203	1.3306	2	13	5.1e+002	1	CKDQLEEFHCSSVATAPKLPKVR
✓	516	634.3200	2533.2509	2531.2552	1.9957	1	13	6e+002	1	MYIQTTRMAQYAEELWTLQK + Oxidation (M)
✓	789	588.8600	1763.5582	1764.6108	-1.0527	0	13	1.7e+002	1	DMPMPGGMGGMGGMGMY + 2 Oxidation (M)
✓	997	722.3200	2163.9382	2165.0728	-1.1346	2	13	1.7e+002	1	DEVKIDIFVRAPWWTMR + Oxidation (M)
✓	651	724.5700	1447.1254	1446.7249	0.4006	1	13	1.8e+002	1	GVDLMALANRSE + Oxidation (M)
✓	1237	760.1100	3036.4109	3036.3488	0.0621	0	13	1.3e+002	1	NSSSMLNGGLGVNGIGDGSMDITHGLMHPH + 2 Oxidation (M)
✓	468	607.9500	2427.7709	2426.2165	1.5544	1	13	5.6e+002	1	MDTYAVIGNPVAHSKSPFIHAR + Oxidation (M)
✓	560	655.2500	1962.7282	1960.9928	1.7354	1	13	4.9e+002	1	SSHLPKTYEMAEQIISK
✓	1110	848.6400	2542.8982	2543.4006	-0.5024	2	13	1.3e+002	1	GISVSSRNGMIPERIFIQTLIGR
✓	1208	726.7900	2903.1309	2901.2829	1.8480	1	13	1.2e+002	1	ATANTSSGSMNGVGPMDSDSTSGASREAR + Oxidation (M)
✓	474	612.5200	1834.5382	1832.9454	1.5927	2	13	4.9e+002	1	SLNFSYMTGLRSSKVK + Oxidation (M)
✓	912	641.2300	1920.6682	1920.1812	0.4870	0	13	1.6e+002	1	GLIGILLISGVVLLNWQ
✓	622	462.5300	1384.5682	1383.8198	0.7484	2	13	2.3e+002	1	KVEATGIKNLVGR
✓	316	480.9900	959.9654	959.4317	0.5338	0	13	2.3e+002	1	MGAHLMER + Oxidation (M)
✓	1017	737.6500	2209.9282	2211.0015	-1.0733	1	13	1.7e+002	1	EICNAYTELNDPFDQRAR
✓	1253	667.9100	3334.5136	3332.7016	1.8120	0	13	1.2e+002	1	YASMLIPGDVIEANGHVKFWNIGVPFHVEK + Oxidation (M)
✓	956	677.0400	2028.0982	2027.9292	0.1690	2	13	2e+002	1	KSKQMVEADFDALDR + Oxidation (M)
✓	855	619.9900	1856.9482	1855.9639	0.9842	1	13	2.2e+002	1	SSSSSEPSLPVAPQRLK
✓	1118	850.3900	2548.1482	2546.2971	1.8510	2	13	1.7e+002	1	MEEEKASMEENGVLSTVTPKVPEK + 2 Oxidation (M)
✓	1162	709.6800	2834.6909	2833.4053	1.2856	1	13	1.3e+002	1	TGAGAVAAKVLGSGSSSALSSGSEADQAR
✓	929	651.7600	1952.2582	1951.0374	1.2208	2	13	1.7e+002	1	ADPNAEPRGVILESKLDK
✓	1170	712.3400	2845.3309	2844.3964	0.9345	2	13	1.6e+002	1	EAGADYVKTSTGFSTGGAKPEDIKLMR + Oxidation (M)
✓	437	586.8400	1171.6654	1170.5490	1.1165	1	13	2.8e+002	1	QEGASSHGSRR
✓	1129	646.6900	2582.7309	2583.2455	-0.5146	0	13	1.3e+002	1	EVCDFLIEIPFVEVDLIEEFNK
✓	852	618.8900	1853.6482	1853.0146	0.6336	0	13	1.7e+002	1	LIEDQGGEAVALAIIIDK
✓	1109	848.3800	2542.1182	2541.2758	0.8424	1	13	1.6e+002	1	MSRASALPVLVDADHGYGNALNVR + Oxidation (M)
✓	162	734.6400	733.6327	732.4381	1.1946	1	13	2.4e+002	1	KLLVSSS
✓	346	510.2000	1018.3854	1018.4614	-0.0760	1	13	2.9e+002	1	ENGLDRCR
✓	621	462.3900	1384.1482	1383.6163	0.5319	0	13	1.9e+002	1	MNSMEFPPLDR + 2 Oxidation (M)
✓	1106	845.3500	2533.0282	2533.2747	-0.2466	0	13	1.5e+002	1	GLLVGSMNQYGYAHLTIPSNIGGR + Oxidation (M)
✓	481	613.8300	1225.6454	1225.6125	0.0329	0	13	2.5e+002	1	MSSPDGFPVAPLR
✓	87	312.0500	1244.1709	1242.6391	1.5318	0	13	6.3e+002	1	ANPGVVNQMSK
✓	1092	620.4200	2477.6509	2478.1414	-0.4905	0	13	1.4e+002	1	MCAAAAAGAGSGILSSSSSHMGLGVR + Oxidation (M)
✓	587	668.7100	1335.4054	1335.7762	-0.3707	2	13	2e+002	1	AELSLKKIYSKG
✓	1182	715.7600	2859.0109	2857.4247	1.5862	0	13	1.2e+002	1	NGDSIGGIVEVIVEGVPAGVGSYVHYDR
✓	936	654.5900	1960.7482	1959.9572	0.7910	1	13	1.8e+002	1	HTTVSSQPGDKDIMSLK + Oxidation (M)
✓	1284	647.9500	3881.6563	3879.8692	1.7871	2	13	84	1	ESTNQIHKAAMAINSSILGEMDIPDSYMATLPKSGK + 2 Oxidation (M)
✓	1024	742.2900	2223.8482	2223.1998	0.6484	2	13	1.6e+002	1	LIKEHGSIEKILEEIDTEK
✓	1203	726.1000	2900.3709	2899.5048	0.8661	2	13	1.6e+002	1	KGGSIEDSMLVHGLVLDKEVHPGMPR
✓	1180	715.5000	2857.9709	2857.3626	0.6083	2	13	1.2e+002	1	SMPWNVDTLSKDGFSGSMVNTKPEK + 2 Oxidation (M)
✓	631	706.3800	1410.7454	1410.6319	0.1136	2	13	6.3e+002	1	SMRFGMMKDHR + Oxidation (M)
✓	837	612.8300	1835.4682	1834.9611	0.5071	0	13	1.7e+002	1	ELPADAEIISHQLMLR
✓	612	456.0000	1364.9782	1363.5384	1.4398	0	13	1.9e+002	1	TEHMPVSAMSDAG + 2 Oxidation (M)
✓	683	378.9300	1511.6909	1510.7223	0.9686	1	13	2.5e+002	1	NTLSGSSSGSNTKSGK
✓	524	638.7000	2550.7709	2550.3390	0.4319	1	13	5.8e+002	1	HRPRAVLGMGGYAGPGAVAAWLTR + Oxidation (M)
✓	715	798.5800	1595.1454	1595.8076	-0.6622	1	13	4.5e+002	1	LITKESMTQDSSLK + Oxidation (M)
✓	503	624.3600	1246.7054	1245.7054	1.0000	2	13	2.8e+002	1	GAQLRVYRQR
✓	453	595.1200	1188.2254	1188.6251	-0.3996	2	13	2.2e+002	1	GDNKNSKIWK
✓	1078	595.3700	2377.4509	2376.1934	1.2575	2	13	1.6e+002	1	ATRRNQVDFGEYGLQALEPGR
✓	795	595.2500	1782.7282	1782.9111	-0.1830	2	13	2.1e+002	1	EIEHKSDLERTDLAK
✓	743	562.1800	1683.5182	1681.8424	1.6758	1	13	1.8e+002	1	HAWDSEAGVLIDRLT
✓	372	536.6300	2142.4909	2142.1143	0.3766	1	13	6.3e+002	1	MVEREAAVVWDILDEVIR
✓	1115	637.6000	2546.3709	2545.2078	1.1631	2	13	1.9e+002	1	GVLSSTDNQKSNPNEPMKDLR
✓	773	578.4900	1732.4482	1731.9050	0.5432	2	13	1.9e+002	1	IRRIGSGLEQNNTMK + Oxidation (M)
✓	327	488.5100	1462.5082	1460.8504	1.6578	1	13	6.9e+002	1	LYVVDHPLIKHK
✓	849	617.7600	1850.2582	1850.9812	-0.7230	2	13	1.8e+002	1	EMDVKGIVVGKALYEGK + Oxidation (M)
✓	851	926.2700	1850.5254	1850.7597	-0.2343	1	13	4.2e+002	1	GASDYSNVMMCETKAR + 2 Oxidation (M)
✓	831	609.5100	1825.5082	1823.7479	1.7602	1	13	1.8e+002	1	GDMTGEERGEETEAEKG
✓	940	655.2700	1962.7882	1960.9564	1.8318	0	13	2e+002	1	TGTNVLTWPIEEMEGLR + Oxidation (M)
✓	1079	595.7400	2378.9309	2378.3209	0.6100	2	13	1.6e+002	1	IAIEKLLNVVETENLSFYKR
✓	386	554.8900	1107.7654	1108.5989	-0.8334	0	13	2.4e+002	1	LSGHVAEQLR
✓	523	638.6800	1275.3454	1275.7412	-0.3957	2	13	2.2e+002	1	KKHAVGDIPGVR
✓	1132	646.7400	2582.9309	2582.2111	0.7198	1	13	1.4e+002	1	THGLENMRADGFVPFELYDFEVK + Oxidation (M)
✓	644	719.3300	2873.2909	2874.4851	-1.1942	0	13	6.3e+002	1	NGWNVMDFIVVLSGLLATAATHFNLR + Oxidation (M)
✓	396	376.8800	1127.6182	1127.5934	0.0247	0	13	2.9e+002	1	ENGINAQIAAK
✓	494	620.8300	1239.6454	1238.6077	1.0377	1	13	2.7e+002	1	ERLTAEAMFR + Oxidation (M)
✓	583	666.7100	1331.4054	1331.5816	-0.1761	0	13	2.2e+002	1	AEDTAIYYCAR
✓	1268	584.6700	3501.9763	3500.6909	1.2854	2	13	1.1e+002	1	VTGGDMAVFPPEGQPRHFPEPRNPDLGHPGPHR
✓	817	603.9800	1808.9182	1807.9138	1.0044	2	13	2.4e+002	1	MSEVKLAAEPRTTEFGK + Oxidation (M)
✓	863	622.7000	1865.0782	1866.0210	-0.9429	2	13	2.3e+002	1	KKVDNADLAAAPGLEQVK
✓	1099	840.2600	2517.7582	2518.3516	-0.5935	2	13	1.5e+002	1	QNKSAIAIARLHPSTPTPRPAR
✓	409	573.6100	1145.2054	1143.5884	1.6171	1	12	2.4e+002	1	DAQLQQAQDK
✓	438	587.0500	1758.1282	1758.8748	-0.7466	1	12	6.6e+002	1	NENNLKSEISDDILR
✓	1191	721.3100	2881.2109	2881.4869	-0.2760	2	12	1.5e+002	1	VKKQVADGMHVHASFNNTIITITDR + Oxidation (M)
✓	205	397.8700	793.7254	794.4399	-0.7144	0	12	2.1e+002	1	DVAHVHR
✓	598	449.6500	1345.9282	1345.7024	0.2258	1	12	2.5e+002	1	MSLKQEQAQVGK
✓	1207	726.5900	2902.3309	2900.5119	1.8190	1	12	1.7e+002	1	MAIPNGEVVPPFRAGGYIQIEAPAHVVK
✓	1278	744.5800	3717.8636	3715.8832	1.9804	2	12	1.2e+002	1	LQVSPKSEHDETIVSVVYASEPIDPAKLSDTFSK

✓	278	449.6500	1345.9282	1344.7224	1.2058	0	12	6.5e+002	1	FSPMVAALVPAAR + Oxidation (M)
✓	300	468.3000	934.5854	933.5535	1.0320	0	12	3.3e+002	1	SLLYPLTK
✓	491	618.1200	2468.4509	2467.4203	1.0306	0	12	6e+002	1	WQLLLPTALVLTAFTSGIAGLQK
✓	411	574.7900	1147.5654	1146.6622	0.9033	1	12	7.5e+002	1	SRVPHPSVIR
✓	1039	751.3200	2250.7582	2251.1042	-0.3460	0	12	1.7e+002	1	EVELGLEYGSPMTNLAGQSLK + Oxidation (M)
✓	324	485.4900	968.9654	969.4992	-0.5337	1	12	1.9e+002	1	KDGNPNLR
✓	617	690.1500	2067.4282	2068.2231	-0.7949	2	12	5.7e+002	1	LASMKNLIHAVKAFSLVVK
✓	403	571.3400	1140.6654	1138.5917	2.0737	1	12	2.9e+002	1	RTGLFSATMR
✓	499	622.3200	1242.6254	1242.7547	-0.1293	2	12	3.1e+002	1	LKVDALSKLK
✓	496	621.2700	1240.5254	1239.5448	0.9806	2	12	2.8e+002	1	MSRDMESRGR + Oxidation (M)
✓	659	728.9900	2911.9309	2912.4531	-0.5222	2	12	6.1e+002	1	WVQSVVREEWTAEVFDLELMRYK
✓	1025	743.6900	2228.0482	2228.2277	-0.1795	2	12	2.3e+002	1	ISNSPENSAAVKPVGFTLKGGR
✓	109	654.2900	653.2827	653.3748	-0.0921	0	12	1.9e+002	1	IPEAPK
✓	377	539.6400	1077.2654	1075.5410	1.7244	1	12	2.5e+002	1	YTGNTHQKK
✓	220	412.0500	1644.1709	1644.8319	-0.6610	1	12	6.8e+002	1	SVTIKPNKNDGDTK
✓	1074	467.7600	2333.7636	2333.0957	0.6679	2	12	1.7e+002	1	REYTAANNQDVITYTELTKCK
✓	926	972.4700	1942.9254	1943.9411	-1.0156	1	12	5.5e+002	1	QEITRFMIDSNINYNGK + Oxidation (M)
✓	969	692.5600	2074.6582	2074.9486	-0.2904	2	12	1.8e+002	1	MFEQTKVAKVNTMNCCEGK + 2 Oxidation (M)
✓	775	579.7000	1736.0782	1734.7957	1.2825	1	12	2.4e+002	1	SMTQGGKEFSMEYLK
✓	910	639.9900	1916.9482	1917.9585	-1.0103	1	12	2.6e+002	1	ATNDFQHLYNTEKLPK
✓	908	637.8900	1910.6482	1911.0499	-0.4017	1	12	2e+002	1	MALVKPKSELTPEELAR
✓	1062	765.2800	2292.8182	2293.3005	-0.4824	2	12	1.8e+002	1	IVQEQREVVDRLVDLLIEK
✓	1198	723.5500	2890.1709	2888.5072	1.6637	2	12	1.5e+002	1	ITAYYPKELEKAHQILDNANSFVFK
✓	1211	728.8700	2911.4509	2911.4069	0.0440	2	12	1.9e+002	1	IHTGEKPYECSQCGKAFTSISRLSR
✓	1205	726.1300	2900.4909	2900.5178	-0.0269	2	12	1.9e+002	1	VGEENAALAGEYMKARNVLINASPIVR + Oxidation (M)
✓	1246	528.3400	3163.9963	3164.6751	-0.6788	0	12	1.3e+002	1	QANMDISQLDAIAVTGPGPLVGALLIGVNAAK + Oxidation (M)
✓	859	622.3900	1864.1482	1864.8547	-0.7065	0	12	2.3e+002	1	ALQQEQMDIEDGVVMK + 2 Oxidation (M)
✓	339	496.3500	990.6854	989.5267	1.1587	2	12	3.5e+002	1	EHARGKHR
✓	1217	733.5700	2930.2509	2930.3731	-0.1222	1	12	1.6e+002	1	FASGGYGGITEFVADFRLMLETCYR
✓	467	606.6200	2422.4509	2421.1648	1.2861	1	12	6.8e+002	1	EWHSVIIGNHEFKVEGQCPR
✓	652	483.5600	1447.6582	1447.8069	-0.1487	2	12	3e+002	1	IKKNDTVMVVTGK + Oxidation (M)
✓	757	572.2000	1713.5782	1711.9733	1.6049	2	12	2.2e+002	1	IHRAEVQSKVFSALK
✓	954	507.0900	2024.3309	2023.0235	1.3074	2	12	2e+002	1	EDGHHFILTQVKNKESNR
✓	1140	665.3300	2657.2909	2655.2323	2.0586	1	12	2.1e+002	1	GTMATTVGGGLPCQAWSHKFPNDHK + Oxidation (M)
✓	418	578.9500	1155.8854	1155.5931	0.2923	1	12	2.6e+002	1	MTGHLGNVRR + Oxidation (M)
✓	544	432.6400	1294.8982	1294.6591	0.2391	1	12	2.4e+002	1	NLLDVYKDMGK
✓	1003	546.4400	2181.7309	2181.2054	0.5255	0	12	1.9e+002	1	ILGTGFIGCFGALVIIMTTVR
✓	1168	712.0800	2844.2909	2844.3964	-0.1055	2	12	1.9e+002	1	EAGADYVKTSTGFSTGGAKPEDIKLMR + Oxidation (M)
✓	1173	570.5100	2847.5136	2846.4380	1.0756	1	12	1.9e+002	1	DIQEGADMLMVKPLPYLDMVREVK
✓	750	568.7500	1703.2282	1701.9274	1.3007	2	12	2.3e+002	1	VEQGERVGLIRFGSR
✓	649	722.7900	2165.3482	2165.0728	0.2754	2	12	6.4e+002	1	DEVKDLFVRAPFWMTTR + Oxidation (M)
✓	966	682.2600	2043.7582	2042.9731	0.7851	1	12	2e+002	1	KAIEEMLAYAHETQHEK + Oxidation (M)
✓	561	655.8400	1964.4982	1963.9747	0.5235	1	12	7.1e+002	1	MAKDFLLEVIGIEEMPAR + Oxidation (M)
✓	802	599.3600	1795.0582	1793.8003	1.2579	1	12	2.7e+002	1	FTAVEADGGEMGGREPR + Oxidation (M)
✓	1089	605.1300	2416.4909	2417.2087	-0.7178	0	12	1.9e+002	1	GAEHISNTAYQALNQLGYQR
✓	385	553.9000	1658.6782	1659.8073	-1.1291	1	12	7.7e+002	1	GEGMCALPVVSEKQR
✓	958	678.6500	2032.9282	2032.0128	0.9154	0	12	2.6e+002	1	CVTQFINEFFYNILPK
✓	464	605.1400	1208.2654	1206.6292	1.6363	1	12	2.3e+002	1	RMDAPHVPLR + Oxidation (M)
✓	1038	750.8000	2249.3782	2250.2345	-0.8564	2	12	2.1e+002	1	SGVWVAGDGGPRDKIAAIGIR
✓	1058	763.5500	2287.6282	2288.3079	-0.6797	2	12	1.8e+002	1	VVVRDISHYLMKLPVPVPTK
✓	168	372.7700	1487.0509	1486.8256	0.2253	1	12	9.6e+002	1	GSLWGLLNKATTAR
✓	287	456.1300	1365.3682	1365.6567	-0.2885	1	12	6.6e+002	1	EKGMGAMGLIMGR + Oxidation (M)
✓	725	818.5500	3270.1709	3269.6590	0.5119	1	12	5.5e+002	1	SLEELDQWSSLWNWFDITKWLWYIK
✓	265	441.8000	881.5854	881.4971	0.0884	0	12	2.7e+002	1	LSVDIHAK
✓	456	597.6900	1193.3654	1192.5870	0.7785	1	12	2.5e+002	1	SNLEKMTQAR + Oxidation (M)
✓	567	439.8600	1316.5582	1315.6732	0.8850	1	12	3.4e+002	1	EDKIIAQSGAR
✓	585	445.0900	1332.2482	1331.6933	0.5549	1	12	2.5e+002	1	VGKDGTVTVEEAK
✓	679	752.3300	2253.9682	2255.1216	-1.1534	0	12	7.1e+002	1	MSSSDAITNGIDTLHLQLPSR
✓	948	665.6700	1993.9882	1993.0449	0.9433	2	12	2.7e+002	1	TKVSVIGKVCQMSNASAIR + Oxidation (M)
✓	634	474.7300	1421.1682	1419.7643	1.4039	1	12	2.4e+002	1	ELETLLSICKSK
✓	974	525.4300	2097.6909	2097.0214	0.6695	1	12	2e+002	1	HYKVAHEAVMHALADAYR + Oxidation (M)
✓	1146	672.8400	2687.3309	2686.3310	0.9999	2	12	2.2e+002	1	APERERGITISISHVEYQTESR
✓	785	876.9000	2627.6782	2628.4019	-0.7237	1	12	6e+002	1	RASTCGLMLLLAAPTLYFSTVSK + Oxidation (M)
✓	741	561.8400	1682.4982	1680.8352	1.6630	1	12	2.2e+002	1	DSSISSIEIRICSSK
✓	358	523.4700	1044.9254	1044.4724	0.4531	0	12	3e+002	1	EIEDGGPSNK
✓	613	456.5600	1366.6582	1364.7160	1.9421	1	12	3.1e+002	1	AARSGTATFIASGR
✓	1218	734.3000	2933.1709	2932.4567	0.7142	1	12	1.6e+002	1	ESNVVDGEFGKITGHIGAYQITLNGDK
✓	728	826.8700	2477.5882	2476.4200	1.1682	2	12	6.3e+002	1	IVPQVRADGLVTVDMGIPRLAK + Oxidation (M)
✓	1200	964.5100	2890.5082	2890.4548	0.0533	2	12	2.1e+002	1	GFDPLSVAADPTVYARMRVSEVFHAR
✓	277	449.6500	897.2854	896.4273	0.8581	1	12	2.4e+002	1	SMETASKK + Oxidation (M)
✓	1066	772.3700	2314.0882	2312.1987	1.8895	1	12	2.6e+002	1	LVIDGEIHKWMVTKPDYPR + Oxidation (M)
✓	893	632.2400	1893.6982	1893.9293	-0.2311	1	12	2.3e+002	1	EAKNHGEGGNLVGSALRGR
✓	1023	555.8700	2219.4509	2220.2127	-0.7618	2	12	2e+002	1	ILQHTISNLQEFRTKHQK
✓	961	680.2500	2037.7282	2037.1510	0.5771	1	12	2.2e+002	1	EDVAPLVTWGLTITKGPLK
✓	860	933.3100	1864.6054	1863.8383	0.7672	1	12	5.1e+002	1	MYYDSDCNLKLLRGGK + Oxidation (M)
✓	776	870.6200	2608.8382	2607.3288	1.5094	2	12	5.4e+002	1	VIVESDMNTVNEKIMPLEFKSGK
✓	857	622.3200	1864.0282	1864.9935	-0.9653	1	12	3e+002	1	KAGTDLNLFSSFDIPK
✓	979	534.2300	2132.8909	2131.1426	1.7483	1	12	2.5e+002	1	LVTENIFLTGGNVNTHFK
✓	1262	851.9800	3403.8909	3401.6934	2.1975	2	12	1.5e+002	1	LSHEMTQLLDPSGVMSKTDWHQFVSLCVK + Oxidation (M)
✓	638	713.3000	1424.5854	1422.8194	1.7660	1	12	3.1e+002	1	LLVDSIGNSIHKK
✓	769	576.1000	1725.2782	1723.8152	1.4630	1	12	2.3e+002	1	LTKPKSDIESDEDTF

✓	384	550.9600	2199.8109	2199.1178	0.6931	2	12	8.3e+002	1	KTNRAGGLEGSMSGGQTIHLR
✓	510	630.6800	1259.3454	1258.6928	0.6527	2	12	2.9e+002	1	VQRLNSMQRK
✓	258	437.4500	1309.3282	1308.6530	0.6752	1	12	9.1e+002	1	EKCTALLATMR + Oxidation (M)
✓	975	1050.0200	3147.0382	3147.4917	-0.4536	2	12	5.5e+002	1	LENLGITKDGVAEKMSQSTNEIEYDGK + Oxidation (M)
✓	393	561.5800	2242.2909	2243.1256	-0.8347	1	12	8.2e+002	1	KTIAELDPVLWDAMQNEVR + Oxidation (M)
✓	513	632.2200	1262.4254	1262.7016	-0.2762	2	12	3.1e+002	1	IKGMLSKQSAGK + Oxidation (M)
✓	515	422.8100	1265.4082	1265.7166	-0.3084	1	11	2.7e+002	1	VGTKYLIIIMGR + Oxidation (M)
✓	685	505.7900	1514.3482	1514.8351	-0.4869	2	11	2.6e+002	1	RLLVLMDERAAGR + Oxidation (M)
✓	854	619.8200	1856.4382	1854.9112	1.5270	0	11	2.4e+002	1	AYNSAGAGPFSATVNVTTK
✓	160	731.8000	730.7927	730.3246	0.4682	0	11	4.1e+002	1	GEADPSR
✓	498	622.3000	1242.5854	1242.6357	-0.0502	1	11	3.7e+002	1	ANDPYAHLSSK
✓	1187	479.5500	2871.2563	2869.5596	1.6967	1	11	2e+002	1	KPMVLGHEASGTGVKGVSLVTHLKPGR
✓	1192	721.3100	2881.2109	2881.4176	-0.2067	0	11	1.9e+002	1	FMQCPLCIQPTEHSGLDLIEPLK + Oxidation (M)
✓	482	613.8800	1225.7454	1226.5244	-0.7789	0	11	3.3e+002	1	FDYGNYYASK
✓	317	481.0100	960.0054	958.4582	1.5472	0	11	3.3e+002	1	LMGYGQFK + Oxidation (M)
✓	677	749.2100	2244.6082	2245.1451	-0.5369	2	11	6.4e+002	1	ESFIETARAAADGTRVPEAR
✓	913	481.7800	1923.0909	1921.8887	1.2022	2	11	3e+002	1	QKATGMRTNVPSWCDR + Oxidation (M)
✓	972	698.9700	2093.8882	2091.9457	1.9424	0	11	2.7e+002	1	SGSHDSHGAPLGDEEIDLTR
✓	1081	796.4800	2386.4182	2387.3246	-0.9064	2	11	2.3e+002	1	MDITKLINLFAKLPSLGPASSR + Oxidation (M)
✓	1257	675.8800	3374.3636	3372.7076	1.6561	2	11	1.4e+002	1	QQRVSSILPEHHKDFNSQLAPGVDPSPPHR
✓	1136	652.2300	2604.8909	2603.0128	1.8781	2	11	1.9e+002	1	HRKYSDSDSNSESDDTNSDSDDDK
✓	625	697.2400	1392.4654	1391.7997	0.6658	2	11	2.8e+002	1	TALASAAAPAKKHR
✓	646	480.5800	1438.7182	1437.7576	0.9606	0	11	3.4e+002	1	EALHNALDLVTSR
✓	602	451.3100	1350.9082	1350.7217	0.1865	1	11	3e+002	1	IIDAYIDLKCK
✓	642	714.9600	1427.9054	1427.7555	0.1500	0	11	7.6e+002	1	ITMLLTNSHNLR + Oxidation (M)
✓	1002	727.6300	2179.8682	2179.1345	0.7337	1	11	2.4e+002	1	EIDLGARAAQAPSAAATARPTAA
✓	1042	752.6800	2255.0182	2254.0373	0.9809	2	11	2.7e+002	1	IMMDYLGMEFWKRYNK + Oxidation (M)
✓	1267	582.4800	3488.8363	3486.7904	2.0459	2	11	1.7e+002	1	NCVPLEFQEYLLRVCCQTFYLLQRITR
✓	921	646.9800	1937.9182	1937.0087	0.9094	2	11	3e+002	1	LCQLDRMKHNLFPQIR + Oxidation (M)
✓	518	634.6500	1267.2854	1267.7361	-0.4506	2	11	2.6e+002	1	NPLTRAVRVDK
✓	279	449.6700	897.3254	896.4828	0.8427	2	11	2.8e+002	1	EHAERKK
✓	749	568.5100	1702.5082	1702.7338	-0.2256	1	11	2.6e+002	1	RAYGCGSMSGAICASR
✓	946	662.3500	1984.0282	1984.0122	0.0160	0	11	3.1e+002	1	LTVTMPHIDGMLPAISTR + 2 Oxidation (M)
✓	947	996.8000	3983.1709	3983.0574	0.1135	2	11	5.6e+002	1	SLEHMDVASGEIGEQIKQIIEKAQVRPIAFFAR + Oxidation (M)
✓	1195	578.3700	2886.8136	2885.4593	1.3543	0	11	1.7e+002	1	VARPEETADGVMDAIVVVNLDPYASR
✓	417	578.9400	1155.8654	1154.5754	1.2901	0	11	3.2e+002	1	EEMAVGALAHK
✓	367	528.3900	1054.7654	1052.6342	2.1312	1	11	3e+002	1	LLGKPREAVA
✓	719	803.7400	2408.1982	2408.2131	-0.0149	2	11	7e+002	1	SPAARVNMEAGTRSHFPLPQR
✓	890	631.3200	1890.9382	1889.9934	0.9448	1	11	3.3e+002	1	GDPEMAVKLFHQLLHR
✓	477	612.9300	1223.8454	1223.5928	0.2526	2	11	3e+002	1	QMKEKSQSSR + Oxidation (M)
✓	512	631.4800	1891.4182	1889.8611	1.5570	1	11	7.8e+002	1	TTRMQSTGSAMPASSSFK + Oxidation (M)
✓	1279	622.6200	3729.6763	3728.8720	0.8044	2	11	1.5e+002	1	KAAAAEAMQYIEDGTVVVGVTGSTVNFIDALAEK
✓	104	643.7700	642.7627	643.3905	-0.6277	0	11	3.3e+002	1	VVAEVK
✓	1186	717.7700	2867.0509	2866.3492	0.7017	0	11	1.9e+002	1	LSSVWPLMYGTSCCFIEFAGLIGSR + Oxidation (M)
✓	193	780.5900	779.5827	778.4814	1.1014	0	11	3.6e+002	1	GVIVHVR
✓	529	642.8700	1925.5882	1924.0101	1.5781	2	11	8.8e+002	1	LFQEKRVHMHVHIESR + Oxidation (M)
✓	1201	965.6200	2893.8382	2892.4841	1.3540	2	11	1.8e+002	1	TARNLLESLGNAAFYEALVARDNSAAR
✓	838	612.8800	1835.6182	1834.0386	1.5796	0	11	2.6e+002	1	IATLQMPLLNLHLDVK + Oxidation (M)
✓	604	451.6600	1351.9582	1351.6871	0.2711	0	11	2.9e+002	1	ADYLETATELVK
✓	493	620.3100	1238.6054	1237.6779	0.9276	2	11	3.7e+002	1	TSEKRSLYVR
✓	710	528.3800	1582.1182	1581.8726	0.2456	0	11	2.8e+002	1	TALPALQEELSALAR
✓	1004	728.8600	2183.5582	2183.0999	0.4582	1	11	2.3e+002	1	MQEALISLMQMAKTSAAALAK + 3 Oxidation (M)
✓	844	462.4800	1845.8909	1843.7232	2.1677	0	11	3.5e+002	1	SDANGYSDAEESDLEVA
✓	345	509.6700	1017.3254	1018.4865	-1.1611	0	11	4e+002	1	ALMEGANAAR + Oxidation (M)
✓	542	646.7100	2582.8109	2583.3955	-0.5846	2	11	8.5e+002	1	VQMTTRGFLLAGGATLLGSSLSFR + Oxidation (M)
✓	1185	717.5900	2866.3309	2866.5491	-0.2182	2	11	2.4e+002	1	MKVQILFALMVLVLTCLGQKMQR + Oxidation (M)
✓	262	440.8600	879.7054	879.3756	0.3298	0	11	3e+002	1	NSLDMER + Oxidation (M)
✓	643	717.2900	1432.5654	1431.6994	0.8660	0	11	3.7e+002	1	AVFGADPIDSGEVR
✓	1049	757.0700	2268.1882	2268.3205	-0.1324	1	11	3.1e+002	1	IILSDENVKAVLVNIFGGIVR
✓	1143	670.9300	2679.6909	2680.2533	-0.5624	1	11	2e+002	1	LLPNWRYLYCFDNAGFFYSER
✓	435	586.3200	1170.6254	1169.7019	0.9235	1	11	4.2e+002	1	LKIGIEAVEAK
✓	663	488.3800	1462.1182	1461.6518	0.4664	1	11	3e+002	1	DGPMENEQSKGVR + Oxidation (M)
✓	694	762.4800	2284.4182	2283.0615	1.3567	2	11	7.8e+002	1	LTEHGNTTESKEDPEEPKSR
✓	705	524.3600	1570.0582	1569.7093	0.3489	0	11	3.2e+002	1	QASGDIPAGMEPPER + Oxidation (M)
✓	927	650.5000	1948.4782	1948.0339	0.4443	1	11	2.6e+002	1	EEIYPKNIIMIGSTGVGK
✓	1040	751.4500	2251.3282	2250.1044	1.2238	1	11	2.8e+002	1	DVYAYYRAAGFWCIIVQR
✓	399	569.5000	1136.9854	1136.6917	0.2937	1	11	2.9e+002	1	INPQKLPCLK
✓	469	608.5300	1215.0454	1213.6302	1.4152	0	11	3.3e+002	1	AAVAAAASPSAAEK
✓	655	726.7600	1451.5054	1449.6405	1.8649	1	11	3.2e+002	1	SSAAEEMQGDGPKK + Oxidation (M)
✓	1239	610.8400	3049.1636	3050.2103	-1.0467	1	11	1.8e+002	1	VKDDFDYEDIMDEESLMDNMNEHGK + 2 Oxidation (M)
✓	125	671.6600	670.6527	669.3268	1.3259	1	11	2.9e+002	1	RMYGK + Oxidation (M)
✓	1144	671.1900	2680.7309	2678.5482	2.1826	1	11	2e+002	1	ARGSALLLASLLAALSASAGLWSPAK
✓	1276	719.2400	3591.1636	3589.8870	1.2766	0	11	1.4e+002	1	FFPPLYNALGIFLPLITVNCIAIFGVGSFMVTR + Oxidation (M)
✓	559	654.7600	1307.5054	1307.6833	-0.1779	2	11	3.6e+002	1	KEDLRDLTYR
✓	754	571.1300	1710.3682	1709.8737	0.4945	1	11	2.7e+002	1	RLEEHLPGGIDGFASL
✓	167	742.9700	741.9627	740.3817	1.5811	1	11	2.9e+002	1	AKEEHK
✓	756	572.0800	1713.2182	1713.8508	-0.6326	1	11	2.9e+002	1	MREALINNSFTQFK + Oxidation (M)
✓	1264	856.6400	3422.5309	3421.6257	0.9052	2	11	1.8e+002	1	EAAMTAPFGAIRLNMEKVAYASYWSEMVNR + Oxidation (M)
✓	1225	594.1300	2965.6136	2966.5029	-0.8893	1	11	2.4e+002	1	AGFSKVATIFLMMLLVFATPMMAEAK + 2 Oxidation (M)
✓	235	421.4900	840.9654	841.5497	-0.5843	1	11	2.8e+002	1	ITTIARIR
✓	297	464.9800	927.9454	928.5607	-0.6152	1	11	1.1e+003	1	VVPRVFRGR

✓	579	661.7200	1321.4254	1319.6429	1.7825	1	11	3.2e+002	1	NSQGTSAEGSVRK
✓	733	558.1800	1671.5182	1669.8974	1.6208	2	11	3e+002	1	RAVIHDTIMKFFDK
✓	630	706.0600	1410.1054	1408.6656	1.4398	0	11	3e+002	1	MSDIPNTVYNGAK
✓	473	612.4900	1222.9654	1221.6461	1.3193	1	11	3e+002	1	TPMLKMGVGVSK + 2 Oxidation (M)
✓	716	799.5700	2395.6882	2396.1617	-0.4735	2	11	7.3e+002	1	VWITRAPGMEPTMTKNTYER + Oxidation (M)
✓	790	883.8900	2648.6482	2647.3561	1.2921	1	11	7.5e+002	1	ACTLGDINLLDEIILSGCSKSQLK
✓	1057	762.9900	2285.9482	2284.2274	1.7208	2	11	2.8e+002	1	ASELQKGKQQAALTKELNDLLK
✓	1247	530.2800	3175.6363	3176.6115	-0.9752	2	11	2.3e+002	1	FPQLDANSFASSRNTTFQQHILRVNTGK
✓	976	1058.9900	3173.9482	3173.5056	0.4426	2	11	6.5e+002	1	LLEDRSIQNAMGFNNRGMGYMLEQLNK + 2 Oxidation (M)
✓	1261	849.6500	3394.5709	3393.4966	1.0743	1	11	2.1e+002	1	GAVTEVKNQGMCGSCWAFSTTGNVESQWFR
✓	1174	713.6100	2850.4109	2851.4572	-1.0463	2	11	2.7e+002	1	SERMLRQILSFANVTVSMSVPDVEK + Oxidation (M)
✓	953	506.7400	2022.9309	2023.0044	-0.0735	0	11	3.4e+002	1	QAVQIPVQIPMEPSDAER + Oxidation (M)
✓	256	435.9200	869.8254	869.3555	0.4699	0	11	3.2e+002	1	WFTENSS
✓	572	660.6600	1319.3054	1319.7119	-0.4064	2	11	3.4e+002	1	AVKITKGSGSLEM
✓	916	965.1600	2892.4582	2890.5574	1.9008	1	11	6.9e+002	1	VNVPPPEKAMMHINFHRPPAKPKPQK
✓	918	966.7400	1931.4654	1931.8459	-0.3804	0	11	2.8e+002	1	DAFASSPSDSIDYAVMEK
✓	810	603.3000	1806.8782	1804.9617	1.9164	2	11	3.8e+002	1	LAEEIARLNRTMGGFK
✓	1044	753.6500	2257.9282	2257.0831	0.8451	0	11	2.8e+002	1	ATGMAFSVANALLSTVNASNMGGGR + 2 Oxidation (M)
✓	283	451.7000	901.3854	899.4865	1.8990	1	11	5.6e+002	1	LYSAYKR
✓	462	604.5100	1207.0054	1205.5676	1.4378	0	11	3.2e+002	1	YAQSGIPGEER
✓	772	576.7600	1727.2582	1725.8720	1.3862	0	11	3e+002	1	MTTVSTAASGPAVPPPR + Oxidation (M)
✓	378	540.1800	1078.3454	1076.5250	1.8204	1	11	3.9e+002	1	EFSKNAPER
✓	1031	560.1100	2236.4109	2237.0708	-0.6599	0	11	2.7e+002	1	ELPGMGMGAELIEEFVGALSR + 2 Oxidation (M)
✓	419	579.6400	1735.8982	1733.9424	1.9558	2	11	1e+003	1	FNNIILKTESRQGSK
✓	232	840.9600	839.9527	838.4548	1.4979	0	11	2.6e+002	1	VGPAAPAEK
✓	247	429.3600	856.7054	855.4563	1.2492	1	11	4.2e+002	1	RTISDHK
✓	792	594.1900	1779.5482	1777.9825	1.5656	2	11	2.9e+002	1	KATLVDIDGKVIEWYSK
✓	1141	668.6600	2670.6109	2671.4441	-0.8332	2	11	2.4e+002	1	CISCILPNPKLLEAAADAISKFLK
✓	521	636.7800	1271.5454	1271.6254	-0.0799	1	11	4.6e+002	1	LAGMLEKMGYK + 2 Oxidation (M)
✓	1199	723.5600	2890.2109	2890.4323	-0.2214	1	10	2.3e+002	1	LLDPRFGDLWPLPAYATEASAGMDLR + Oxidation (M)
✓	678	501.4800	1501.4182	1501.7599	-0.3417	2	10	3.3e+002	1	YTFSANDGKMKIK
✓	909	638.2400	1911.6982	1910.8900	0.8082	1	10	3e+002	1	MPALGMGTAETMVKGTGR + 2 Oxidation (M)
✓	259	439.1500	876.2854	876.4123	-0.1269	1	10	5.3e+002	1	SPENMKR + Oxidation (M)
✓	263	441.7300	881.4454	880.4113	1.0342	0	10	3.8e+002	1	YGPELMR + Oxidation (M)
✓	432	583.8700	1165.7254	1166.6845	-0.9591	0	10	4.2e+002	1	IALFSPMAVPLR
✓	337	494.9100	987.8054	986.5396	1.2658	1	10	4.4e+002	1	LDAPSGTAKK
✓	1233	755.7100	3018.8109	3019.4862	-0.6753	2	10	2.1e+002	1	ENCPTSHVRYSTSFLPQIEKALEWK
✓	128	678.4900	677.4827	676.3656	1.1171	0	10	5.3e+002	1	AGNIFR
✓	944	660.6900	1979.0482	1979.0364	0.0118	1	10	3.8e+002	1	DELIEELVKFYLQGR
✓	388	559.2300	1116.4454	1115.5135	0.9320	0	10	4.9e+002	1	YNFDITESK
✓	1123	643.9200	2571.6509	2570.3718	1.2791	2	10	2.4e+002	1	IQRVHGPFVGDDEVERIVQHLK
✓	1028	559.0700	2232.2509	2233.0355	-0.7846	1	10	3.5e+002	1	TPNMSAMHSDTSPDLKVVGSK + 2 Oxidation (M)
✓	1145	672.4900	2685.9309	2685.5554	0.3755	2	10	2.3e+002	1	VNVNQKRHAAALASALVPLVFAR
✓	1288	674.2300	4039.3363	4040.2615	-0.9251	2	10	1.3e+002	1	TIVSIPLSLHLQNPAPWVEIRGEAFIPNKFISLNK
✓	356	521.4400	1040.8654	1040.5181	0.3474	2	10	3.4e+002	1	MMMSGKTK
✓	897	632.6000	1894.7782	1892.9931	1.7851	1	10	3.5e+002	1	SLAGAFATVMPVPSRR + Oxidation (M)
✓	1083	600.6400	2398.5309	2397.1753	1.3556	1	10	2.7e+002	1	LTPPLEDSRFHYGFNSNYLK
✓	1216	587.0500	2930.2136	2929.6371	0.5765	2	10	2.3e+002	1	INALWSLRPVLPMRGRCQLRLGGR
✓	305	474.6800	947.3454	946.5560	0.7895	2	10	5.4e+002	1	TNRTLKSK
✓	1073	778.1900	2331.5482	2331.0147	0.5335	1	10	2.7e+002	1	AYTDLFAEALCEEMERDPR + Oxidation (M)
✓	475	612.8500	1223.6854	1221.5560	2.1294	0	10	4.4e+002	1	RPEQMDFOR + Oxidation (M)
✓	284	453.0200	1808.0509	1805.9094	2.1415	2	10	1.2e+003	1	RYMAINQGEDSVPAKK
✓	313	478.6300	955.2454	955.5450	-0.2996	1	10	3.3e+002	1	DKPRAEIK
✓	920	646.6600	1936.9582	1937.9833	-1.0252	1	10	3.9e+002	1	YTSSIKDDVEIAEEVIK
✓	1019	738.0600	2211.1582	2210.2212	0.9370	1	10	3.7e+002	1	TLGFLAAAVLAFAGFTLRESR
✓	901	950.7700	2849.2882	2849.4044	-0.1163	1	10	7.6e+002	1	ETIPFESSIQSFLVLSATAKYEDMK + Oxidation (M)
✓	1059	572.9500	2287.7709	2287.2787	0.4922	2	10	2.7e+002	1	EATSLNGATTVKLKFEGTAPK
✓	157	365.0800	728.1454	727.4341	0.7114	1	10	3.8e+002	1	KAGPLSR
✓	294	464.3300	926.6454	924.6008	2.0447	1	10	4.3e+002	1	KDIIPLVK
✓	704	778.5000	1554.9854	1553.8049	1.1805	1	10	4.1e+002	1	DLDNPRSLALDPTK
✓	1222	739.3200	2953.2509	2953.4565	-0.2056	2	10	2.5e+002	1	GVTKEFKMSVYGLTNSQVDYVINSMK + Oxidation (M)
✓	836	612.5300	1834.5682	1835.0590	-0.4909	1	10	3.2e+002	1	LIVSLALSVGTQMKTFK
✓	1238	760.4300	3037.6909	3035.5137	2.1772	1	10	2.6e+002	1	VVPAMVEGIEPEYTAHFTSVMKGGFPVK + Oxidation (M)
✓	718	803.0600	2406.1582	2407.1610	-1.0028	2	10	9.1e+002	1	EDLLELKHNDNSNEIIMMKM + Oxidation (M)
✓	112	657.3200	656.3127	656.3493	-0.0366	0	10	4.4e+002	1	DLQPGK
✓	173	747.4800	746.4727	747.4126	-0.9399	2	10	6.9e+002	1	SEEKKK
✓	1194	722.5700	2886.2509	2887.3204	-1.0695	2	10	2.6e+002	1	QNYCFSDDDEVKIQRNGLCVHFMK
✓	340	496.3600	990.7054	991.4505	-0.7451	1	10	5.2e+002	1	GRDAVGMDR + Oxidation (M)
✓	394	1124.1000	1123.0927	1123.5332	-0.4405	0	10	3.3e+002	1	AAAVVSCDFGK
✓	883	626.2700	1875.7882	1875.0288	0.7594	2	10	3.9e+002	1	ELMPPLPNKRTIPEK + Oxidation (M)
✓	812	904.9600	2711.8582	2710.6037	1.2545	1	10	8.8e+002	1	IIKNLNLSSLPLNGYLPFDSLLK
✓	1065	578.7400	2310.9309	2311.1920	-0.2612	2	10	3e+002	1	TVDQIQWVIDEIKRNPDSR
✓	457	598.6300	1195.2454	1193.7132	1.5323	1	10	3.3e+002	1	LTLLEPPGAKR
✓	699	512.2500	1533.7282	1531.7994	1.9287	0	10	4.7e+002	1	NADSIFALLGELNR
✓	49	562.7700	561.7627	561.2758	0.4869	0	10	5.2e+002	1	DAAGTK
✓	1161	709.4300	2833.6909	2833.3164	0.3745	1	10	2.5e+002	1	DCNFSDLDDICTIIPHLSTWDQRK
✓	307	477.1000	952.1854	951.3426	0.8428	0	10	3.3e+002	1	CGLEQACD
✓	420	579.9600	1157.9054	1157.6629	0.2426	2	10	4.3e+002	1	SRNGGATKIVR
✓	234	421.4900	840.9654	841.3566	-0.3912	0	10	3.2e+002	1	TSDYNSR
✓	636	712.0500	1422.0854	1420.7721	1.3133	2	10	3.6e+002	1	NRRTGTILFMGR
✓	709	787.9500	3147.7709	3147.5362	0.2347	1	10	1e+003	1	RSGPSEQALEATSSMLSDLSGAAGVMVPSR

✓	275	449.6100	897.2054	897.4630	-0.2575	1	10	3.1e+002	1	LMEAYKK + Oxidation (M)
✓	152	717.5400	716.5327	715.4341	1.0987	2	10	7.3e+002	1	KTPRSK
✓	397	565.1900	1128.3654	1128.6503	-0.2848	1	10	4.3e+002	1	ISDKIGVLER
✓	1034	1121.8000	4483.1709	4483.1305	0.0404	2	10	6.3e+002	1	VNAIEEVNNVKKLLTEMVMSHSQGAASSSEDLMKELYQR + 2 Oxidation (M)
✓	887	630.2300	1887.6682	1885.9568	1.7114	1	10	3.4e+002	1	MLTVEIHDSQVSVKER + Oxidation (M)
✓	196	394.4400	786.8654	786.3620	0.5034	0	10	5.5e+002	1	QPGNSER
✓	1148	674.3600	2693.4109	2691.2462	2.1647	0	10	3.3e+002	1	SCFQPLFQFEDMQEIIQNFVR + Oxidation (M)
✓	830	366.0800	1825.3636	1823.8407	1.5230	1	10	3.3e+002	1	AREALMADGGGLNCAYR
✓	962	510.6500	2038.5709	2038.8911	-0.3202	1	10	3.1e+002	1	DGKLICGVHGLEMGCEGK + Oxidation (M)
✓	1266	575.0900	3444.4963	3445.6369	-1.1406	2	10	2.1e+002	1	AQQVMKWIYQHYCDDFNKMTNISLQLR + Oxidation (M)
✓	465	404.0800	1209.2182	1209.6353	-0.4171	1	10	3.5e+002	1	YTTALSEAAR
✓	380	544.0900	1086.1654	1085.5618	0.6037	0	10	4.3e+002	1	TGAATNPLWR
✓	840	613.1800	1836.5182	1837.0309	-0.5128	0	10	3.3e+002	1	LVEGNVITISAGGGGVPAK
✓	842	613.5400	1837.5982	1835.9709	1.6272	2	10	3.4e+002	1	LLRTQTSNMQIRTMK + Oxidation (M)
✓	700	772.6900	1543.3654	1542.8729	0.4925	2	10	3.8e+002	1	LESGAQLNATKGKK
✓	274	449.6100	897.2054	895.4222	1.7833	1	10	3.2e+002	1	MSHSYKK + Oxidation (M)
✓	1291	877.1600	4382.7636	4382.1390	0.6246	1	10	1.2e+002	1	YNGALFVGLNGIUVVKS HGGADGESFAAAVDVAMDAVTHHLNDK + Oxidation (M)
✓	1043	753.6300	2257.8682	2258.0784	-0.2102	2	10	3.1e+002	1	QAMEHGMKKTVEVEVKGPGRSGR + 2 Oxidation (M)
✓	763	859.8000	2576.3782	2574.3880	1.9902	2	10	9.2e+002	1	FLGTLYSFKTNTTRTVCLLELAK
✓	850	617.7800	1850.3182	1848.9332	1.3850	1	10	3.4e+002	1	GIVDLVTMKAYYFEGK + Oxidation (M)
✓	989	719.9400	2156.7982	2155.9918	0.8064	0	10	3.3e+002	1	MSDYKPTLNLDPDTPFMR + Oxidation (M)
✓	255	435.8900	869.7654	869.3623	0.4032	0	10	3.8e+002	1	MESSLCK + Oxidation (M)
✓	762	573.3800	1717.1182	1714.9553	2.1629	1	10	4.1e+002	1	VRGLMGAGFGSLGPVGLK
✓	872	624.9000	1871.6782	1869.9414	1.7368	0	10	3.6e+002	1	HMCQKNARNIVITNR + Oxidation (M)
✓	684	505.6800	1514.0182	1512.8147	1.2034	2	10	4.3e+002	1	ELTEAGLNVVALER
✓	1175	713.6200	2850.4509	2848.2758	2.1751	2	10	3.3e+002	1	MIEKMANMTVSDIFEKYGEDYFR + 2 Oxidation (M)
✓	117	660.5900	659.5827	660.2827	-0.7000	0	10	8e+002	1	ANGDER
✓	1244	780.4900	3117.9309	3118.4861	-0.5552	1	10	2.3e+002	1	MIFSCKHLLSHFVDISHLDIEQMCMR + 2 Oxidation (M)
✓	206	397.8700	793.7254	793.4368	0.2887	1	10	3.9e+002	1	TITGMKK + Oxidation (M)
✓	987	539.6500	2154.5709	2153.0649	1.5060	0	10	3.3e+002	1	VAQWMLQIPGATSYMGSGIK + Oxidation (M)
✓	645	719.7200	2156.1382	2154.1732	1.9650	1	10	1.1e+003	1	HFKLVSSPGLSRPLTMNR + Oxidation (M)
✓	1155	701.3600	2801.4109	2801.2816	0.1293	2	10	3.5e+002	1	TTGMEARMMEVARATAGMEISEVVK + 2 Oxidation (M)
✓	535	644.1900	1286.3654	1285.7030	0.6624	0	10	4.4e+002	1	RPFESIAPLEK
✓	1289	825.0600	4120.2636	4118.1672	2.0964	0	10	1.6e+002	1	LVAWVAGAIVCAASLGCFFAPVTWPLFNGIGGVIGDMILR
✓	490	412.2800	1233.8182	1232.5931	1.2250	1	10	5.3e+002	1	ALRDEGAMAQR + Oxidation (M)
✓	1241	518.3200	3103.8763	3104.5237	-0.6473	0	10	2.4e+002	1	LAAIVDWTAEVNHAIQATADELEVGMGK + Oxidation (M)
✓	392	561.3300	1120.6454	1119.6077	1.0378	0	10	5.8e+002	1	FNAPFFNIGIK
✓	1112	849.0900	2544.2482	2545.3760	-1.1278	1	10	3.8e+002	1	QVSMDDLAPILNLARMIDVVYR + Oxidation (M)
✓	1076	1185.7600	4739.0109	4738.2903	0.7206	2	10	6.2e+002	1	TYAGQADVMTPIHLHMGIDTKNYLMMGTDLSSKDHNDTPFR + Oxidation (M)
✓	311	477.5700	953.1254	952.4138	0.7117	0	10	3.4e+002	1	QDTEDAFK
✓	1277	732.0700	3655.3136	3655.7500	-0.4363	1	10	1.8e+002	1	AGMTVEEIFAMNMIDPWLQVIEDLVKDEEK + Oxidation (M)
✓	692	761.3600	1520.7054	1518.8527	1.8528	2	10	1.2e+003	1	WMIIRKRVATMVR + Oxidation (M)
✓	714	798.0800	2391.2182	2392.1113	-0.8931	0	10	1e+003	1	LSQMNYTVDVGIYPLGSCCTMK + Oxidation (M)
✓	1114	637.3500	2545.3709	2544.1373	1.2336	0	10	3.8e+002	1	VNNSDIWHEQDVQCMDLNAK + Oxidation (M)
✓	1151	544.0800	2715.3636	2713.3105	2.0532	2	10	3.7e+002	1	ASWMPGSDPLHPKFDLSDMRSIAR
✓	520	636.2200	1270.4254	1270.7608	-0.3354	2	10	4.6e+002	1	LKEKLALAEIR
✓	808	602.4400	1804.2982	1804.8818	-0.5836	2	10	3.8e+002	1	YCFNFVAKTEDVGKK
✓	1242	778.6800	3110.6909	3109.5462	1.1447	1	10	3e+002	1	QSTTTEIGAPIAVMPDAQPDNSAAIAARAAR + Oxidation (M)
✓	581	442.6400	1324.8982	1324.6160	0.2822	1	9	4.5e+002	1	GRSYYVDHNSK
✓	472	610.3900	1218.7654	1216.5724	2.1931	0	9	1.3e+003	1	ALQGEADWEAK
✓	431	583.4200	1164.8254	1164.6000	0.2255	0	9	4.7e+002	1	GPGRPVNPTDR
✓	1125	645.8600	2579.4109	2579.3200	0.0909	0	9	3.7e+002	1	NGIHIMDLTQTVPMQLDQALQAVR + Oxidation (M)
✓	1275	713.0700	3560.3136	3559.8019	0.5117	2	9	2e+002	1	SGEVNAKPGTKSGDRVGIWVDSAGQLVDEPAPPAR
✓	951	1004.9600	2007.9054	2007.9493	-0.0438	0	9	8.9e+002	1	GIQEIEMMGLNSVELEK + 2 Oxidation (M)
✓	1000	726.2500	2175.7282	2176.0371	-0.3090	0	9	3.4e+002	1	DQMDTVYWTAANTAHAILR
✓	780	873.5100	1745.0054	1744.8719	0.1336	2	9	5.1e+002	1	YVKDLFARMGFNER
✓	1258	845.8000	3379.1709	3377.8573	1.3136	1	9	2.2e+002	1	HISILEGTWMTPIFFIALLKEAGLNIFPTR
✓	260	440.7900	879.5654	877.4182	2.1473	0	9	5.7e+002	1	AVFSPDDK
✓	161	732.7700	731.7627	730.3973	1.3654	0	9	6.2e+002	1	NVSLNGK
✓	130	340.7200	679.4254	677.3782	2.0473	0	9	5.4e+002	1	ITAMVK + Oxidation (M)
✓	514	633.2400	1264.4654	1262.6765	1.7890	2	9	5.1e+002	1	KAVTDAIMSR + Oxidation (M)
✓	861	622.6400	1864.8982	1865.0305	-0.1323	2	9	5e+002	1	MELNGIKPSLGAKHAKR + Oxidation (M)
✓	40	544.0900	543.0827	542.3540	0.7287	0	9	4.5e+002	1	AIIRAR
✓	791	592.2900	1773.8482	1773.9407	-0.0925	2	9	5.4e+002	1	RSVINQDMKTEAAIAK
✓	289	460.8500	919.6854	918.5175	1.1680	0	9	6.2e+002	1	VAFGVPTPK
✓	448	594.2000	1186.3854	1185.7485	0.6369	1	9	5.3e+002	1	LVKIIGVPGYK
✓	680	753.7700	1505.5254	1505.6973	-0.1718	1	9	4.7e+002	1	DRFCFSAEAIYK
✓	1041	751.9500	2252.8282	2253.0987	-0.2706	1	9	3.6e+002	1	QLNPQTTPTFMFKEEEIK + Oxidation (M)
✓	1197	722.8900	2887.5309	2885.4368	2.0941	2	9	3.6e+002	1	YEELGELSDPAVISDITKRFMELESK + Oxidation (M)
✓	618	690.3200	1378.6254	1378.8044	-0.1790	2	9	5.8e+002	1	HTLLAKNAQQKK
✓	615	688.3700	2062.0882	2062.0353	0.0529	1	9	1.5e+003	1	MRHFDVQLLGGMALHHGK + Oxidation (M)
✓	546	649.2100	1296.4054	1294.6591	1.7464	1	9	4.4e+002	1	ELEMFA NLKGK + Oxidation (M)
✓	81	308.3000	614.5854	615.3340	-0.7486	0	9	7.1e+002	1	IAGAER
✓	1273	589.4200	3530.4763	3528.7229	1.7535	1	9	2.3e+002	1	AAHSEGHITAGLDMKEGTIGDMAVLGITESFQVK + Oxidation (M)
✓	888	630.6800	1889.0182	1888.9867	0.0314	2	9	5.3e+002	1	GPLRQDGPAPRLDAPSSR
✓	1139	665.0200	2656.0509	2655.3650	0.6859	2	9	3.2e+002	1	EALAAIDKVMTELPGRLDQAGQSR + Oxidation (M)
✓	276	449.6300	897.2454	895.4763	1.7691	1	9	4e+002	1	KITSEYR
✓	787	586.3400	1755.9982	1756.9869	-0.9888	1	9	5.4e+002	1	TVKQLGGILTPMLQSR + Oxidation (M)
✓	988	540.1800	2156.6909	2155.2405	1.4504	2	9	3.8e+002	1	LYELKIHFA SLKGLIGPEK
✓	1142	668.9000	2671.5709	2671.3752	0.1957	1	9	3.5e+002	1	AGGILRSVLGGYLLEIDPQCVDGNR
✓	1088	1206.7100	3617.1082	3615.8454	1.2628	0	9	7.4e+002	1	DMVAEVIATNGVAHAVINVSVEAAISTSVLYTR

✓	156	364.1000	726.1854	724.4595	1.7259	1	9	3.4e+002	1	IHKSLK
✓	832	610.0000	1826.9782	1824.8611	2.1171	1	9	5.4e+002	1	VVQMPGGSMQQRSGSGFK + Oxidation (M)
✓	931	652.3200	1953.9382	1952.9551	0.9830	2	9	5.2e+002	1	EEEQEHSNKAAPRALTSK
✓	387	558.8300	1115.6454	1116.5128	-0.8673	0	9	7e+002	1	EFYVGDPYK
✓	919	646.5000	1936.4782	1936.9789	-0.5008	2	9	3.9e+002	1	CSTDVVRIGFDGLGGRTK
✓	809	903.5200	2707.5382	2707.4540	0.0842	1	9	1.2e+003	1	MGITLASMTISTKYNPPIELIISAK + Oxidation (M)
✓	807	901.3200	3601.2509	3600.7348	0.5161	0	9	9.8e+002	1	HTPELGISMQYATLAIEYFQAVFAQDVSWQVR + Oxidation (M)
✓	934	654.2900	1959.8482	1960.0411	-0.1930	2	9	5e+002	1	MSSVETAGKRPKAEVGVK + Oxidation (M)
✓	332	327.6900	980.0482	980.5192	-0.4710	1	9	4.5e+002	1	QNFFAARK
✓	416	385.1500	1152.4282	1150.7186	1.7096	1	9	5.4e+002	1	KPAIAAPRLSK
✓	653	726.1900	1450.3654	1448.8715	1.4940	1	9	4.7e+002	1	AADALGKLISIHK
✓	215	409.6800	817.3454	815.4501	1.8953	1	9	8.8e+002	1	LREVDGK
✓	839	918.9900	1835.9654	1834.0828	1.8826	2	9	1.1e+003	1	AILWLQSKGLAKLHEK
✓	78	610.0400	609.0327	609.3711	-0.3383	1	9	3.5e+002	1	RHAVK
✓	764	860.4000	1718.7854	1719.8039	-1.0184	2	9	5.9e+002	1	RSFDEQMPFYRTK + Oxidation (M)
✓	285	453.2500	904.4854	902.4644	2.0211	1	9	7.9e+002	1	QPRMIDK + Oxidation (M)
✓	748	426.0400	1700.1309	1700.7828	-0.6519	1	9	4.9e+002	1	KPYASASSPTDGMARF + Oxidation (M)
✓	730	836.0500	2505.1282	2506.0340	-0.9059	0	9	1.2e+003	1	GITIEEDMLMSGNMDMCLCVR + 2 Oxidation (M)
✓	805	898.9700	1795.9254	1797.0149	-1.0894	1	9	5.7e+002	1	FIVPSLRDNLAAAGTVPK
✓	594	672.7800	1343.5454	1342.7092	0.8363	1	9	6.5e+002	1	IKDLEAELEGAR
✓	949	669.1200	2004.3382	2004.0792	0.2589	2	9	4.2e+002	1	TLLRFIGEDPNREGLFK
✓	118	661.2700	660.2627	661.3548	-1.0920	0	9	1e+003	1	ATPFAR
✓	341	498.2200	994.4254	992.4419	1.9835	1	9	6e+002	1	TMMDRDPK
✓	907	637.5600	1909.6582	1910.1070	-0.4488	2	9	4.3e+002	1	MALGTALVLALPCRRR
✓	1188	479.6800	2872.0363	2872.3774	-0.3410	2	9	3.1e+002	1	TVTRAGGASGPQQFQSGGETMKYEITR + Oxidation (M)
✓	868	623.0200	1866.0382	1865.8901	0.1481	2	9	5.5e+002	1	KASIDGSTMIARSEDGGR + Oxidation (M)
✓	1251	656.3000	3276.4636	3274.6762	1.7875	2	9	3.2e+002	1	QGAATMLQTAAKTALQMGDKNGATILQTNATR
✓	978	711.8400	2132.4982	2131.9408	0.5573	0	9	4e+002	1	FYYSSLVDYGLNGMDSSSK
✓	441	589.8600	1177.7054	1178.5788	-0.8733	1	9	1.6e+003	1	DDLVKMMVGR + Oxidation (M)
✓	732	836.4400	2506.2982	2506.3390	-0.0409	2	9	1.4e+003	1	SLILAHNIATEAELKDIEKENR
✓	454	596.7300	1191.4454	1189.6125	1.8330	0	9	6.5e+002	1	ANTQQAIAVMK + Oxidation (M)
✓	1082	1195.4600	3583.3582	3581.8089	1.5493	1	9	7.6e+002	1	HNSYIYKANVGSNLVLVFKPQTYMNSSGHAVK + Oxidation (M)
✓	328	489.0200	976.0254	976.4098	-0.3843	0	9	6.2e+002	1	ETSPDSEGR
✓	950	669.6400	2005.8982	2003.9339	1.9642	1	9	5.5e+002	1	SAGMVVHIGIGDAMTMAERR + Oxidation (M)
✓	1121	856.3700	2566.0882	2566.3478	-0.2597	2	9	4.1e+002	1	GYGQGRRLRVYECAPIAFIVER
✓	632	708.9500	1415.8854	1415.7872	0.0983	0	9	6.6e+002	1	DLNVSTVTVTELVK
✓	681	753.8300	1505.6454	1506.7038	-1.0583	1	9	6.5e+002	1	SRHYIDSFAMHK + Oxidation (M)
✓	545	648.6100	1942.8082	1943.0007	-0.1925	1	9	1.5e+003	1	VAGLAAQIRAGVTACSDAGR
✓	564	658.7800	1315.5454	1315.7421	-0.1967	0	9	7.2e+002	1	LIDDVGLLAIK + Oxidation (M)
✓	971	1044.4600	3130.3582	3128.3943	1.9639	2	9	1.1e+003	1	NVMHCTVSGVFGSWYRYKSDQGMK + 2 Oxidation (M)
✓	670	743.3600	2969.4109	2967.3842	2.0267	1	9	1.6e+003	1	VRVMDPGDIDLPGTLMDISDFTDANK + 2 Oxidation (M)
✓	771	432.7600	1727.0109	1725.9149	1.0960	0	9	6e+002	1	DLTGVVLSHTELDISK
✓	252	435.8300	869.6454	867.4497	2.1957	1	9	5.9e+002	1	RMHPATR
✓	53	569.4500	568.4427	569.3649	-0.9222	1	9	3.5e+002	1	PGKLR
✓	1286	661.7700	3964.5763	3963.9808	0.5955	1	9	2.1e+002	1	WTFMYINTHMIGVTLCLVCFVSFMMLVKHK + 2 Oxidation (M)
✓	606	678.5200	1355.0254	1354.7582	0.2673	0	8	5.3e+002	1	RPHQHEALVLR
✓	672	743.9400	2228.7982	2228.2389	0.5592	2	8	1.5e+003	1	GLGPSFRSARALLPVSTSVASR
✓	845	616.8700	1847.5882	1847.9755	-0.3873	0	8	4.7e+002	1	HHPEPIRPTTEGGVVAR
✓	1181	715.5400	2858.1309	2856.3707	1.7602	1	8	3.5e+002	1	IRFSITAAATEEDIDMAVDCIALAGK + Oxidation (M)
✓	488	616.7100	1231.4054	1230.6503	0.7552	2	8	6.3e+002	1	LPKSNGKATCR
✓	727	551.1800	1650.5182	1650.8988	-0.3806	1	8	4.9e+002	1	AGIVGIGMIGSDHLRR
✓	404	571.6100	1141.2054	1140.6516	0.5538	1	8	5.4e+002	1	SGIAVFRVHR
✓	204	397.8500	793.6854	794.3593	-0.6738	0	8	5.3e+002	1	TGSVMER + Oxidation (M)
✓	430	582.9900	1163.9654	1163.6914	0.2741	0	8	5.4e+002	1	GPNELLIPIAK
✓	608	679.7400	1357.4654	1355.5987	1.8668	1	8	5.9e+002	1	KTSVSNSEMDSR + Oxidation (M)
✓	270	444.8100	887.6054	886.4508	1.1546	1	8	9.4e+002	1	QKADVAGGAA
✓	693	762.2300	1522.4454	1522.7463	-0.3009	0	8	5e+002	1	SYSHLLIHTCHR
✓	304	473.0100	944.0054	943.4835	0.5219	1	8	6.8e+002	1	KGGAQEQAR
✓	331	327.6900	980.0482	979.5172	0.5309	2	8	5.1e+002	1	QGGHGRGRR
✓	796	596.6500	1786.9282	1787.9339	-1.0057	0	8	6.6e+002	1	SQIVLPTVVVETMNDK + Oxidation (M)
✓	485	615.8200	2459.2509	2458.2249	1.0260	1	8	1.8e+003	1	LLNLHLSPQAELEDFVMMRR + 2 Oxidation (M)
✓	766	861.8300	1721.6454	1721.8519	-0.2064	1	8	5.4e+002	1	ARIQMDNFLSDIQR + Oxidation (M)
✓	298	466.8800	931.7454	931.4763	0.2691	0	8	7.4e+002	1	TQALADWK
✓	657	727.0100	2904.0109	2903.4674	0.5435	1	8	1.5e+003	1	MDNATVYHFVGIGSGMSALALILHDK + Oxidation (M)
✓	960	679.9600	2036.8582	2037.9353	-1.0772	0	8	5.3e+002	1	NFEMAPDIDGNVFLSEPK + Oxidation (M)
✓	1283	767.8800	3834.3636	3833.9265	0.4372	2	8	2.3e+002	1	MEVDAIVNAANSGLLGGGVGDGAIHGAGGSAIKEACRAIR
✓	967	1030.0200	4116.0509	4116.1394	-0.0885	2	8	1.2e+003	1	QGITARQIMTRAAFENATTVAMALGGSTNAVLHLLAMAR + 3 Oxidation (M)
✓	333	493.3400	984.6654	984.4555	0.2100	1	8	7.3e+002	1	MMIGKAMR + 3 Oxidation (M)
✓	1030	746.4700	2236.3882	2235.1569	1.2313	2	8	4.8e+002	1	EIAYDVGDKLCILDGSAKIR
✓	1055	571.1100	2280.4109	2279.2096	1.2013	1	8	4.7e+002	1	WPFVMDLPAAQGGKTVLNVTR + Oxidation (M)
✓	698	511.7100	1532.1082	1530.8630	1.2452	2	8	5.7e+002	1	KLAGATAGRALYDGR
✓	882	625.3200	1872.9382	1871.9889	0.9493	1	8	6.8e+002	1	ILVYLKMSMDQFIAGK + Oxidation (M)
✓	1265	856.7100	3422.8109	3421.4576	1.3533	1	8	3.6e+002	1	ATRWMMGVNDIDSIQGEDHDPDPDPSDAK + Oxidation (M)
✓	142	705.6600	704.6527	703.2959	1.3568	0	8	6.9e+002	1	EHMSGK + Oxidation (M)
✓	361	526.8600	1051.7054	1049.5869	2.1185	0	8	6.7e+002	1	VHPEVGATLK
✓	906	637.5500	1909.6282	1907.9887	1.6394	1	8	5.1e+002	1	DHRIVAVTAAMPGGTGLDK
✓	249	431.3700	860.7254	860.4716	0.2539	2	8	7.7e+002	1	KRSGEATI
✓	343	501.3700	1000.7254	999.6077	1.1178	0	8	8.4e+002	1	TVSALAAVLR
✓	458	600.5000	1198.9854	1197.5738	1.4116	0	8	6.3e+002	1	GSESGHLAVDAR
✓	1282	950.6900	3798.7309	3799.9205	-1.1896	2	8	3e+002	1	TLAMVAKGRAILLPMDLDAHISSSLSSGASCAAAQR + Oxidation (M)
✓	1287	665.4400	3986.5963	3986.1028	0.4936	2	8	2.3e+002	1	GIQALYHGWTSGKPQVLASGVTDRIIRAFLETGHGK

✓	37	537.2000	536.1927	535.2676	0.9251	0	8	8.9e+002	1	LGM S L + Oxidation (M)
✓	42	545.5200	544.5127	542.3792	2.1336	0	8	1.3e+003	1	AIIVK
✓	1250	544.0500	3258.2563	3258.5662	-0.3099	2	8	3.2e+002	1	ACGFH L MSLDLRQNADVHER T LDELFR + Oxidation (M)
✓	229	418.1800	834.3454	832.4151	1.9303	1	8	9.3e+002	1	KGQSGGSR
✓	39	544.0600	543.0527	541.2972	1.7555	0	8	5.9e+002	1	APGAAR
✓	242	425.9000	849.7854	850.4661	-0.6806	0	8	6.6e+002	1	ATPHINAK
✓	1213	584.0200	2915.0636	2915.5963	-0.5327	1	8	3.8e+002	1	DVLLLDVTP L SLGIETLGGVMT K IQK + 2 Oxidation (M)
✓	1071	777.4400	2329.2982	2328.1507	1.1474	2	8	5.9e+002	1	LVAMAGSGKFFVGGNWKCN G TK
✓	1124	644.2900	2573.1309	2574.2272	-1.0963	1	8	5.1e+002	1	EAFALFDKDNSSGISASELATV M R + Oxidation (M)
✓	1196	963.3900	2887.1482	2886.6187	0.5295	2	8	3.9e+002	1	MMFTKALVAATLATLTAALPQPTVV R R + Oxidation (M)
✓	570	660.2600	1318.5054	1318.7683	-0.2628	0	8	7.8e+002	1	VFAAVAMGIAL L LK + Oxidation (M)
✓	753	855.6300	1709.2454	1709.8155	-0.5700	1	8	5.5e+002	1	ISAFNSRANVEEA M R + Oxidation (M)
✓	801	599.2500	1794.7282	1794.9550	-0.2268	0	8	6.5e+002	1	VPVLIVSSADVAHDV M K + Oxidation (M)
✓	1131	646.7200	2582.8509	2581.4605	1.3904	2	8	4.3e+002	1	RIWVDGQLGSGVHAKDLILH V IR
✓	389	559.7600	1117.5054	1115.6121	1.8933	2	8	9.4e+002	1	DVVAPGK M KR + Oxidation (M)
✓	799	598.1600	1791.4582	1790.8549	0.6033	0	8	5.6e+002	1	FLEYDYSNDLML L R
✓	136	698.1400	697.1327	696.3442	0.7885	0	8	4.2e+002	1	TAYQSK
✓	1113	849.3400	2544.9982	2544.1986	0.7995	1	8	4.7e+002	1	MTKNNNDLSN S SSNPSPNRPVAGK + Oxidation (M)
✓	266	442.2500	882.4854	882.3939	0.0915	0	8	7.1e+002	1	IDSV M M + 2 Oxidation (M)
✓	116	660.3800	659.3727	659.3602	0.0125	0	8	1.4e+003	1	ATIAER
✓	571	660.6400	1319.2654	1318.6517	0.6137	0	8	6.7e+002	1	LQVGFNEDEIR
✓	575	661.2700	1320.5254	1321.6556	-1.1301	0	8	8e+002	1	LMNQMLLAN M K + Oxidation (M)
✓	398	567.6400	1133.2654	1132.5335	0.7319	0	8	7.1e+002	1	MGSAPAEIR + Oxidation (M)
✓	1127	646.4800	2581.8909	2582.3964	-0.5055	1	8	4.4e+002	1	STYIRQIALLVIMAQ M GSYIPAK + Oxidation (M)
✓	192	777.2500	776.2427	774.4236	1.8192	1	8	1e+003	1	EV R VATT
✓	688	760.3000	1518.5854	1518.7395	-0.1541	1	8	7.4e+002	1	ICCSGRLGGAETAR
✓	703	778.3200	1554.6254	1552.9049	1.7205	2	8	7.4e+002	1	GGKQQA V GALIGQA K K
✓	178	756.5100	755.5027	754.4701	1.0326	0	8	6.8e+002	1	TLGLVPR
✓	507	625.6600	1249.3054	1247.6146	1.6908	0	8	6.7e+002	1	FNAVVEDIADR
✓	1029	745.3600	2233.0582	2232.1606	0.8976	1	8	6.8e+002	1	EGLILN M SVGNNISLCNL K K + Oxidation (M)
✓	1102	842.9600	2525.8582	2524.3914	1.4668	2	8	4.6e+002	1	GQTGLKRILNATGYSLAGFLAA F R
✓	470	608.9700	1215.9254	1216.6598	-0.7343	1	8	7.5e+002	1	VEAVARSVQ M K
✓	1047	1133.3500	4529.3709	4530.2709	-0.9000	2	8	1.1e+003	1	MAAWCIGTAVQNNEKAQDKLIVFNVLP T LVAMSTSDPAPAAR + 2 O
✓	198	394.4600	786.9054	787.4341	-0.5286	1	8	9.6e+002	1	YQPPKR
✓	511	630.6900	1259.3654	1259.5638	-0.1984	0	8	7.3e+002	1	GMT M PGHLGSEK + Oxidation (M)
✓	1228	746.7800	2983.0909	2982.2884	0.8025	1	8	4e+002	1	STVKESSQPTETVDDMQIDNEDGAD K
✓	1240	611.5300	3052.6136	3052.6235	-0.0099	2	8	5e+002	1	SGHLLLAMLT N MELRRALLATAPEMEK + 2 Oxidation (M)
✓	434	585.4100	1168.8054	1169.5135	-0.7081	0	7	7.5e+002	1	EEHGCLPNSK
✓	54	569.8800	568.8727	568.2493	0.6234	0	7	3.1e+002	1	GYSDK
✓	1223	741.0200	2960.0509	2959.4597	0.5912	1	7	4e+002	1	LKPF F EGMSQSSSQTEIGSLNSKGS L GK + Oxidation (M)
✓	1271	588.3500	3524.0563	3523.8908	0.1655	2	7	3.4e+002	1	MTQPPLSAAGL P YRQGVGIMLINARGQVFVAR + Oxidation (M)
✓	292	922.0500	921.0427	920.4199	0.6228	2	7	7.1e+002	1	REEESKGS
✓	1054	760.7900	2279.3482	2280.2801	-0.9320	1	7	6.1e+002	1	LGSQTL L DRVLA S LTP L NVDR
✓	1281	759.8000	3793.9636	3792.6600	1.3036	2	7	3.6e+002	1	KWEPTDDVDTLYFAARDE T EDILDMYCYFR + Oxidation (M)
✓	1126	646.2400	2580.9309	2580.4197	0.5112	2	7	4.7e+002	1	LEKVLGGIKEMGGLPDAIVVIDGNK + Oxidation (M)
✓	590	671.7700	1341.5254	1340.7888	0.7366	2	7	8.2e+002	1	TPVTASNIRVRK
✓	925	648.3100	1941.9082	1940.8839	1.0242	0	7	7.7e+002	1	WSVDHTWK F QMEPER + Oxidation (M)
✓	88	627.3800	626.3727	626.3751	-0.0024	0	7	5.4e+002	1	IEIPR
✓	479	612.9600	1223.9054	1221.7081	2.1973	1	7	6.6e+002	1	KAGILPPDVGAGK
✓	497	621.6100	1241.2054	1240.6411	0.5643	1	7	6.9e+002	1	RGPFGLEEATSK
✓	1224	741.6700	2962.6509	2960.6910	1.9599	1	7	5e+002	1	LLRPVTL E LGGKSAATVLEDADLDALIR
✓	442	590.3000	1178.5854	1176.5159	2.0695	0	7	9.2e+002	1	SDANPSSAWSR
✓	711	793.1700	1584.3254	1583.7701	0.5554	1	7	6.4e+002	1	MLMDHPNWLKQR + Oxidation (M)
✓	58	570.5900	569.5827	569.3173	0.2654	0	7	3.6e+002	1	LLNPGG
✓	408	573.4200	1144.8254	1143.6441	1.1814	0	7	9.1e+002	1	LVFSFHGLPK
✓	257	871.6700	870.6627	869.4395	1.2232	0	7	8.9e+002	1	PGASYGIR
✓	881	625.3200	1872.9382	1874.0236	-1.0855	1	7	8.3e+002	1	MGIYGSVPYLLAHKLGR
✓	1245	785.5000	3137.9709	3138.6570	-0.6861	1	7	3.9e+002	1	MILTDGVHPLTKNIASYISPVVGGVGPMT R + Oxidation (M)
✓	1280	754.9500	3769.7136	3769.8332	-0.1195	2	7	3.5e+002	1	VIDFDEIDIFNTIERQAKEGV D FTLHCGITK + Oxidation (M)
✓	158	365.3900	728.7654	729.3882	-0.6227	1	7	9.3e+002	1	RSGSPAR
✓	303	470.3900	938.7654	937.4730	1.2925	0	7	5.8e+002	1	GEGLQAHAR
✓	986	1070.7100	4278.8109	4279.9739	-1.1630	1	7	1.2e+003	1	LWDFQSFECIRTMHGH D HN V SSVAIMPNGDHIISASR + Oxidation
✓	1111	849.0400	2544.0982	2544.4620	-0.3639	1	7	5.8e+002	1	HALLIALGGFSIAALFVWYINKK
✓	190	773.3000	772.2927	770.4286	1.8641	0	7	1.3e+003	1	TEVAPVR
✓	1135	651.9500	2603.7709	2602.3247	1.4462	2	7	4.8e+002	1	MELEIELKTTTHNGIIM S SRGK + Oxidation (M)
✓	1138	885.3400	2652.9982	2652.3323	0.6659	0	7	4.9e+002	1	AGYKPGVEIFIALDPASSEIFEDGK
✓	517	634.6100	1267.2054	1267.7837	-0.5782	2	7	6.6e+002	1	VAITRLGNRIR
✓	1122	642.9600	2567.8109	2566.2084	1.6025	2	7	5e+002	1	EF S FIQMDK F STGSSIMPQKK + Oxidation (M)
✓	1292	731.8700	4385.1763	4385.3320	-0.1556	2	7	2.9e+002	1	NELFQTPQVEAGIKEYPLMLPRDIVFPTMVQPLFVGR
✓	248	429.3600	856.7054	856.4079	0.2975	0	7	9e+002	1	YFEGVSR
✓	980	712.6900	2135.0482	2133.0307	2.0175	2	7	7.5e+002	1	KTRSSIDEIVH V MNDMSR + Oxidation (M)
✓	354	518.0000	1033.9854	1032.5491	1.4363	0	7	8e+002	1	ELGVEPVYK
✓	329	490.3600	978.7054	976.5063	2.1991	2	7	9.2e+002	1	DHTRRRH
✓	1249	1078.3600	3232.0582	3230.5262	1.5320	1	7	4e+002	1	GTAFFPGSGGNQGEVESPLPGEMRLQSDSS I AR
✓	185	768.5700	767.5627	767.3854	0.1774	0	7	6.4e+002	1	AAYYPIA
✓	310	953.8200	952.8127	952.3630	0.4497	0	7	6.1e+002	1	MDQLEACS
✓	500	622.6100	1243.2054	1241.5710	1.6344	1	7	7.8e+002	1	QSERMDIYGK + Oxidation (M)
✓	1172	712.8400	2847.3309	2848.4984	-1.1675	2	7	6e+002	1	LRSSHYILGWTFLNGTASNIDISR
✓	527	641.2300	1280.4454	1279.6165	0.8289	1	7	7.8e+002	1	EV R AMPQFR + Oxidation (M)
✓	1098	418.1600	2502.9163	2501.1712	1.7451	2	7	5.3e+002	1	ADALMRDAMKAQDCLYTLVER + 2 Oxidation (M)
✓	1270	705.0400	3520.1636	3518.7439	1.4198	2	7	3.6e+002	1	MFVLLYVTSFAICASGQPRGNQLKGENYSPR + Oxidation (M)

✓	140	351.2500	700.4854	698.3347	2.1507	0	7	1.3e+003	1	RPPENS
✓	720	808.3400	1614.6654	1615.7923	-1.1268	2	7	1.9e+003	1	VMDHNDRLRMVK + 2 Oxidation (M)
✓	45	552.8900	551.8827	552.2656	-0.3829	0	7	6.4e+002	1	HDGPK
✓	782	875.0800	3496.2909	3494.6634	1.6275	2	7	1.8e+003	1	MILAAKIEQTMREQGCIQNMMALQQMESAA
✓	686	758.9300	2273.7682	2273.2532	0.5150	2	7	2.1e+003	1	VLVNLRDFAIERGLEPYAAK
✓	427	582.4400	1162.8654	1162.6598	0.2057	1	7	8.3e+002	1	IYPEVSTKVK
✓	495	621.0400	1240.0654	1239.7187	0.3468	0	7	7.3e+002	1	EVLQGLDVIIVR
✓	1231	754.2300	3012.8909	3013.4377	-0.5468	1	7	4.5e+002	1	QGFSDNPVGDVLRSPDEPALNASSALSDR
✓	95	633.2600	632.2527	632.2700	-0.0173	0	7	1.6e+003	1	PGGCSR
✓	363	527.5300	1053.0454	1052.5138	0.5316	0	7	6.6e+002	1	ATTEAAQYK
✓	528	642.4800	1282.9454	1281.5990	1.3465	0	7	7.6e+002	1	SNPLGGDFNYAK
✓	225	416.0900	830.1654	828.4566	1.7089	1	7	1.1e+003	1	DGRAALAR
✓	224	416.0800	830.1454	829.5021	0.6433	0	7	1.1e+003	1	ASTVALLR
✓	268	442.6700	883.3254	881.5195	1.8059	1	7	8.3e+002	1	LANPGVRR
✓	1157	701.7600	2803.0109	2803.5127	-0.5018	2	7	5.1e+002	1	LRVVADHVRTALMLIGDGVIPSNEGR + Oxidation (M)
✓	1236	759.8000	3035.1709	3035.4957	-0.3248	1	7	4.6e+002	1	TTSVPAGSEVVISGWGRMYQGGPVSNMLR
✓	1260	847.8800	3387.4909	3386.7094	0.7815	1	7	4.6e+002	1	MYQAIPYNANRAMPAASRPATAAAAPPPPPR + Oxidation (M)
✓	407	573.0900	1144.1654	1142.4889	1.6766	0	7	8.8e+002	1	QCMYLWDK
✓	489	617.4600	1232.9054	1233.5660	-0.6605	0	7	8.9e+002	1	DDGPLITTCRSR
✓	1056	571.4300	2281.6909	2280.0910	1.5999	0	7	6e+002	1	DVIVLGDGFGQPDSSDYDILR
✓	1190	720.1000	2876.3709	2877.3796	-1.0087	2	7	6.4e+002	1	TLRIHMLNSSGMSRNGVEMATWSGR + Oxidation (M)
✓	1202	966.0900	2895.2482	2894.4499	0.7982	1	7	5.7e+002	1	EKIDAGMLGVNLGVPAPMAFFPFGWK + Oxidation (M)
✓	1119	851.7900	2552.3482	2553.2356	-0.8874	1	7	7.4e+002	1	AVFDSVAGKYDVMDNLSIGIHR + Oxidation (M)
✓	320	483.9700	965.9254	965.5215	0.4039	2	7	7.4e+002	1	SDKLKTMK + Oxidation (M)
✓	1263	854.7000	3414.7709	3415.7427	-0.9718	1	7	5.2e+002	1	YVAHVYKYQCGQVIFGSLTTFAAASFAR
✓	1269	701.4800	3502.3636	3501.8992	0.4644	2	7	4e+002	1	KMIGGHYVQMVIIKLGALTGTYYVNHLPRL + Oxidation (M)
✓	91	632.4200	631.4127	631.3363	0.0764	0	7	1.9e+003	1	AIMP GK + Oxidation (M)
✓	336	494.9000	987.7854	986.5006	1.2849	1	7	1.1e+003	1	GAATGGRQGR
✓	674	746.5500	1491.0854	1490.6898	0.3957	1	7	8e+002	1	MMGEFVTKTFER + Oxidation (M)
✓	536	644.2400	1286.4654	1284.6925	1.7729	0	7	9.9e+002	1	GIVSPVTEENLK
✓	994	720.9900	2159.9482	2159.1474	0.8008	2	7	8.3e+002	1	YKNEALGVGDVKLPGELETK
✓	83	617.0500	616.0427	615.3228	0.7200	0	7	1.5e+003	1	TPAAEK
✓	1104	843.4300	2527.2682	2526.2213	1.0469	0	7	7.8e+002	1	SNPTAFQVIFLQPNATMENFNK + Oxidation (M)
✓	846	617.7400	1850.1982	1850.8058	-0.6076	0	7	7.8e+002	1	EAGEEIEDGEPSTPTYK
✓	687	759.2700	1516.5254	1517.6378	-1.1123	0	7	8.7e+002	1	MMGVSLGEAYDGEK + 2 Oxidation (M)
✓	151	359.2200	716.4254	714.4388	1.9867	1	7	1.6e+003	1	LLKADR
✓	254	435.8900	869.7654	868.4290	1.3364	0	7	8.2e+002	1	YASNSSIK
✓	1137	658.2600	2629.0109	2629.3421	-0.3313	0	7	5.9e+002	1	NNIINTQQSFVTMPNVIVPDIEK + Oxidation (M)
✓	767	575.5000	1723.4782	1721.7937	1.6844	2	6	7.5e+002	1	NMEQRMTGRGGLGGDK + Oxidation (M)
✓	228	417.6800	833.3454	832.3828	0.9627	1	6	1.4e+003	1	SFNSGGKH
✓	930	977.1400	1952.2654	1952.8633	-0.5978	1	6	1.8e+003	1	VMRDAVTEGSAEEETEGK + Oxidation (M)
✓	299	468.2900	934.5654	932.5365	2.0290	1	6	1.3e+003	1	MLIEKATK
✓	871	624.7200	1871.1382	1871.0516	0.0866	2	6	9e+002	1	YTPVSGIPELREAIACK
✓	650	723.8300	1445.6454	1445.7627	-0.1172	1	6	1.1e+003	1	RGTSVLPAGEQFGK
✓	539	645.3000	1288.5854	1286.6983	1.8872	1	6	1.2e+003	1	KVLFHDTSVNK
✓	690	760.6100	1519.2054	1518.7608	0.4446	0	6	8.4e+002	1	EQVLMVMHLLK + 3 Oxidation (M)
✓	922	647.2200	1938.6382	1938.9265	-0.2883	2	6	7.3e+002	1	MGR TAKSAHADIMNAHR + Oxidation (M)
✓	1116	850.0500	2547.1282	2546.3461	0.7821	1	6	7.6e+002	1	MRSVAVAMEQPLHGPGSLTLAR + Oxidation (M)
✓	1128	646.4900	2581.9309	2580.4866	1.4443	1	6	6e+002	1	IVLMIATITGSLLFIRFNIGFNK
✓	200	788.4700	787.4627	786.4058	1.0569	0	6	1.6e+003	1	GGGGICVK
✓	460	602.6200	1203.2254	1201.5992	1.6262	0	6	9.6e+002	1	YLSHYINHR
✓	208	799.2900	798.2827	798.4236	-0.1408	0	6	9.6e+002	1	DVLHSTK
✓	1012	735.6300	2203.8682	2202.8802	0.9879	0	6	7.5e+002	1	SQEI PQMNGSDCGMFACK + Oxidation (M)
✓	1272	589.0600	3528.3163	3527.8520	0.4643	2	6	4.2e+002	1	VLLHMDAIRKACASLEEGYLPVTVFVVQK + Oxidation (M)
✓	695	764.7300	1527.4454	1525.7857	1.6597	2	6	8.4e+002	1	ICSGTFTRGMKLR
✓	335	494.9000	987.7854	986.5873	1.1982	2	6	1.2e+003	1	VRVVGSDKK
✓	707	786.4200	1570.8254	1570.8315	-0.0060	1	6	1.2e+003	1	QGQLELVVGTDKR
✓	1232	755.6800	3018.6909	3018.2834	0.4075	2	6	6.1e+002	1	MKYNNAMEGNSVGEFVGKYCDEVAQ + Oxidation (M)
✓	186	769.6500	768.6427	766.4701	2.1726	0	6	6.5e+002	1	IVHITGK
✓	1015	553.2100	2208.8109	2209.0222	-0.2113	0	6	7.2e+002	1	YGAGNAMTPHYSGSVDAQVR + Oxidation (M)
✓	1068	1162.7400	3485.1982	3484.6643	0.5339	0	6	1.4e+003	1	EIDCQHTTPGVNLEAFSLMVSSFNNGTLIFK + Oxidation (M)
✓	721	808.8900	1615.7654	1615.8603	-0.0949	1	6	1.1e+003	1	QKVAAILGVDQEA MK + Oxidation (M)
✓	770	863.7900	1725.5654	1724.9382	0.6272	0	6	8.1e+002	1	MDLDAPLAPIAALSTVK
✓	359	524.2700	1046.5254	1046.5648	-0.0393	0	6	1.4e+003	1	EGYPLELVK
✓	484	615.4300	1228.8454	1226.7234	2.1220	1	6	1.2e+003	1	LLDSPLSKIGGK
✓	218	410.7400	819.4654	818.3882	1.0772	0	6	1.5e+003	1	TISNGGDR
✓	197	394.4600	786.9054	785.4759	1.4295	0	6	1.4e+003	1	NTVIALR
✓	553	652.7800	1303.5454	1302.6667	0.8787	0	6	1.3e+003	1	EGIVTTAEQDIK
✓	1149	674.7000	2694.7709	2695.3640	-0.5931	2	6	6.3e+002	1	GLGTTQTQMPFSGKASPSLSVRVY + Oxidation (M)
✓	945	991.6500	2971.9282	2971.5252	0.4030	1	6	1.8e+003	1	AMYQILTNYPNLDILYKGVEDIEIK + Oxidation (M)
✓	1290	860.2000	4295.9636	4296.0506	-0.0869	2	6	3.7e+002	1	ETSLQVDNLPQSMREASEGHFQQLNSQLFVGKSSR + Oxidation (M)
✓	330	490.8500	979.6854	980.4419	-0.7565	0	6	1.2e+003	1	MMAAIDSAR + Oxidation (M)
✓	120	332.4100	662.8054	661.3031	1.5023	0	6	1.2e+003	1	STSPDR
✓	899	632.7400	1895.1982	1895.0224	0.1757	2	6	9.2e+002	1	ELVKAQGSPEQGRQLK
✓	211	807.9500	806.9427	805.3752	1.5675	0	6	1.1e+003	1	MGSATPSR
✓	506	624.6200	1247.2254	1245.6387	1.5867	1	6	1e+003	1	VADAVAAQKDMK
✓	74	604.0400	603.0327	602.3136	0.7191	1	6	1.8e+003	1	GGGEKR
✓	547	649.6000	1297.1854	1296.6673	0.5181	2	6	9.2e+002	1	GGDKAAAPKEEK
✓	1285	654.7700	3922.5763	3922.8547	-0.2783	0	6	3.9e+002	1	TFHTGGVFAGEMFDQLMAPYDGIQYSSSIPGTLVR + 2 Oxidation (M)
✓	1154	700.7300	2798.8909	2798.3214	0.5695	1	6	6.3e+002	1	EHLSEVQNMASEEKLQVLSMK + Oxidation (M)
✓	843	616.1500	1845.4282	1844.9666	0.4616	1	6	8.6e+002	1	VALGMGAESVESLREIGK

<input checked="" type="checkbox"/>	365	528.3600	1054.7054	1054.6135	0.0920	1	6	1.2e+003	1	ARSLVPDAVK
<input checked="" type="checkbox"/>	1235	758.4900	3029.9309	3030.4328	-0.5019	2	6	5.8e+002	1	ENEGDFIIAAEKITPDKVNFMMHHGR + 2 Oxidation (M)
<input checked="" type="checkbox"/>	221	412.1200	822.2254	821.4395	0.7859	0	6	1.1e+003	1	APGQAPP GK
<input checked="" type="checkbox"/>	656	726.9400	1451.8654	1449.7438	2.1216	1	6	1.2e+003	1	KLALNWCPGYTK
<input checked="" type="checkbox"/>	1090	807.8800	2420.6182	2421.2798	-0.6616	2	6	7.4e+002	1	RTGLFSASMSEAVDQLIRVGLR + Oxidation (M)
<input checked="" type="checkbox"/>	414	575.7000	1149.3854	1149.5700	-0.1845	1	6	1.2e+003	1	MAETGVPKSSK + Oxidation (M)
<input checked="" type="checkbox"/>	106	646.3900	645.3827	646.2810	-0.8982	0	6	2.2e+003	1	AELEDA
<input checked="" type="checkbox"/>	461	603.5400	1205.0654	1203.6645	1.4009	1	6	1.1e+003	1	KIEGIVGSMVR + Oxidation (M)
<input checked="" type="checkbox"/>	132	341.3200	680.6254	679.3323	1.2931	0	6	7.9e+002	1	TMTVGR + Oxidation (M)
<input checked="" type="checkbox"/>	565	658.8600	1315.7054	1316.6871	-0.9816	1	6	1.5e+003	1	VDMVDAVQRLR + Oxidation (M)
<input checked="" type="checkbox"/>	149	359.1400	716.2654	715.3687	0.8968	0	6	2.1e+003	1	LPSMPR + Oxidation (M)
<input checked="" type="checkbox"/>	1295	1010.8500	5049.2136	5047.6600	1.5536	2	5	2.4e+002	1	NNTTQSLLLLLLLLLFFFFFFEISHSLSISSNAPLSDTEVRFIQR
<input checked="" type="checkbox"/>	163	735.3600	734.3527	734.3307	0.0220	0	5	1.6e+003	1	GSNGSASR
<input checked="" type="checkbox"/>	107	649.9200	648.9127	647.2915	1.6212	0	5	1.4e+003	1	TENWV
<input checked="" type="checkbox"/>	213	407.3700	812.7254	811.3534	1.3720	0	5	1.1e+003	1	SSFSCP K
<input checked="" type="checkbox"/>	147	712.4700	711.4627	710.3347	1.1280	0	5	9.8e+002	1	ATGYSGR
<input checked="" type="checkbox"/>	505	624.5900	1247.1654	1247.5822	-0.4168	0	5	1.2e+003	1	WQVPEDPYSK
<input checked="" type="checkbox"/>	911	960.1700	1918.3254	1918.9537	-0.6283	2	5	9.3e+002	1	YSRVSGFNERYSEVVK
<input checked="" type="checkbox"/>	541	646.6400	1291.2654	1289.6510	1.6145	2	5	1.1e+003	1	ELQQEMGRKR + Oxidation (M)
<input checked="" type="checkbox"/>	841	613.4800	1837.4182	1835.8512	1.5669	2	5	9.6e+002	1	VKWKYKDGMEVHEGDK + Oxidation (M)
<input checked="" type="checkbox"/>	691	760.7800	1519.5454	1517.7991	1.7464	1	5	1.2e+003	1	GRIVTPDVYSHFK
<input checked="" type="checkbox"/>	1159	705.2400	2816.9309	2817.4292	-0.4983	1	5	7.1e+002	1	DLESLTMPSIANPPYLLTEIAKNCK
<input checked="" type="checkbox"/>	742	842.7500	1683.4854	1681.8457	1.6397	1	5	1e+003	1	SVEETGFMTLAGRLR + Oxidation (M)
<input checked="" type="checkbox"/>	550	651.2200	1300.4254	1300.6081	-0.1827	0	5	1.2e+003	1	QMETQPLPGER + Oxidation (M)
<input checked="" type="checkbox"/>	55	570.2400	569.2327	569.3285	-0.0958	0	5	7.2e+002	1	AGAPVR
<input checked="" type="checkbox"/>	1095	625.6300	2498.4909	2497.3250	1.1659	2	5	9.4e+002	1	IYKQGINIRLDTTLIDFTDMK
<input checked="" type="checkbox"/>	483	614.3000	1226.5854	1227.7438	-1.1584	1	5	1.5e+003	1	LESVLADLIKK
<input checked="" type="checkbox"/>	237	842.2700	841.2627	842.4286	-1.1659	0	5	1.2e+003	1	FDISHPK
<input checked="" type="checkbox"/>	368	530.3300	1058.6454	1059.4832	-0.8378	1	5	1.8e+003	1	AEKAGAGEDAAA
<input checked="" type="checkbox"/>	578	661.3100	1320.6054	1320.7257	-0.1203	2	5	1.6e+003	1	VKKAMNLGMVSK + Oxidation (M)
<input checked="" type="checkbox"/>	145	354.0100	706.0054	704.3639	1.6415	0	5	1.4e+003	1	SRPSMK
<input checked="" type="checkbox"/>	1248	797.3600	3185.4109	3183.3519	2.0590	1	5	7.8e+002	1	ARSQGLFPGGCSAPGDMSSGAVMFMDMYTR + Oxidation (M)
<input checked="" type="checkbox"/>	1293	918.4100	4587.0136	4585.1918	1.8218	2	5	3.7e+002	1	DQCFVFVSMNLLDLLAMLVWCISDWRLMTFDNRFLK + Oxidation
<input checked="" type="checkbox"/>	253	435.8600	869.7054	868.4113	1.2942	0	5	1.2e+003	1	AMAYAVGGGK + Oxidation (M)
<input checked="" type="checkbox"/>	243	852.0200	851.0127	850.4701	0.5426	0	5	1.2e+003	1	FTFAPIR
<input checked="" type="checkbox"/>	1069	582.4100	2325.6109	2324.0790	1.5319	2	5	9.1e+002	1	LHHGNAMEFAKKHGADEAMAK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	374	538.1300	1074.2454	1074.5193	-0.2739	0	5	1.4e+003	1	AQEEPSSVTK
<input checked="" type="checkbox"/>	338	494.9200	987.8254	987.5151	0.3103	0	5	1.6e+003	1	HHLAAPHR
<input checked="" type="checkbox"/>	67	583.4000	582.3927	582.3238	0.0689	0	5	8.8e+002	1	GHITR
<input checked="" type="checkbox"/>	1033	1120.2100	2238.4054	2237.0807	1.3248	0	5	1e+003	1	VSVEELMGQVIDSEMEVISK + Oxidation (M)
<input checked="" type="checkbox"/>	1214	732.5100	2926.0109	2924.4297	1.5811	1	5	8e+002	1	KDPNATLVAEANAGAPELEAMAGGAGSSGLR
<input checked="" type="checkbox"/>	119	332.3900	662.7654	662.3170	0.4485	0	5	1.6e+003	1	GNLGM R + Oxidation (M)
<input checked="" type="checkbox"/>	103	643.5900	642.5827	643.3839	-0.8012	1	5	1.5e+003	1	IPMKR
<input checked="" type="checkbox"/>	323	484.5800	967.1454	965.5546	1.5909	1	5	1.1e+003	1	KSIATVGYK
<input checked="" type="checkbox"/>	222	828.4100	827.4027	826.3279	1.0748	0	5	1.8e+003	1	QMDYDR
<input checked="" type="checkbox"/>	56	570.4700	569.4627	569.3173	0.1454	0	5	7.9e+002	1	LLNPGG
<input checked="" type="checkbox"/>	480	613.4400	1224.8654	1223.5895	1.2760	0	5	1.3e+003	1	QDGPAGPVAQER
<input checked="" type="checkbox"/>	34	526.3500	525.3427	526.3115	-0.9688	0	5	8.1e+002	1	IQVPA
<input checked="" type="checkbox"/>	383	549.2100	1096.4054	1094.5720	1.8334	2	4	1.4e+003	1	YTEDGKKVR
<input checked="" type="checkbox"/>	308	477.1000	952.1854	950.5437	1.6418	0	4	1.2e+003	1	TVAGLLYSK
<input checked="" type="checkbox"/>	84	619.9900	618.9827	617.2881	1.6946	0	4	1.8e+003	1	GNTGNR
<input checked="" type="checkbox"/>	355	519.9500	1037.8854	1036.5302	1.3553	0	4	1.2e+003	1	NSFISGSLR
<input checked="" type="checkbox"/>	682	755.6100	1509.2054	1508.6963	0.5092	1	4	1.3e+003	1	EATMVLMDENGKR + Oxidation (M)
<input checked="" type="checkbox"/>	696	765.6800	1529.3454	1527.8807	1.4648	1	4	1.4e+003	1	AMLAIEGLVGKTIGR
<input checked="" type="checkbox"/>	212	808.3600	807.3527	806.3592	0.9935	0	4	2e+003	1	GGLEMER + Oxidation (M)
<input checked="" type="checkbox"/>	155	721.8300	720.8227	720.3654	0.4574	0	4	1.5e+003	1	TSALSDK
<input checked="" type="checkbox"/>	207	397.8700	793.7254	794.4286	-0.7032	1	4	1.4e+003	1	ASQKAYK
<input checked="" type="checkbox"/>	376	539.2100	1076.4054	1077.5666	-1.1611	2	4	2.1e+003	1	AEKKTSGETK
<input checked="" type="checkbox"/>	369	533.5500	1065.0854	1064.5475	0.5379	1	4	1.4e+003	1	LPRSDNAHR
<input checked="" type="checkbox"/>	301	469.3700	936.7254	937.4328	-0.7073	0	4	1.5e+003	1	AFCAGGDIK
<input checked="" type="checkbox"/>	181	760.4900	759.4827	759.4351	0.0476	1	4	2.9e+003	1	SASARIR
<input checked="" type="checkbox"/>	917	965.9000	1929.7854	1929.8482	-0.0628	0	4	1.5e+003	1	MMTSTDLDALMTDLGQR + 2 Oxidation (M)
<input checked="" type="checkbox"/>	302	939.5600	938.5527	936.4335	2.1193	1	4	1.7e+003	1	VDSSRMDK
<input checked="" type="checkbox"/>	27	500.4800	499.4727	498.2551	1.2177	1	4	1.4e+003	1	GGKTH
<input checked="" type="checkbox"/>	124	671.0200	670.0127	670.3398	-0.3271	1	4	1.1e+003	1	HSDKGK
<input checked="" type="checkbox"/>	73	603.2900	602.2827	601.3435	0.9392	0	4	3.7e+003	1	SSALPK
<input checked="" type="checkbox"/>	143	353.5200	705.0254	704.3639	0.6615	1	4	2e+003	1	TPMGKR + Oxidation (M)
<input checked="" type="checkbox"/>	264	441.7800	881.5454	882.3905	-0.8451	0	4	1.9e+003	1	YPDVSMR + Oxidation (M)
<input checked="" type="checkbox"/>	80	613.1400	612.1327	611.3391	0.7936	0	3	9.4e+002	1	LAGSHK
<input checked="" type="checkbox"/>	201	789.2200	788.2127	786.3872	1.8256	0	3	2.7e+003	1	GSEAAGAPK
<input checked="" type="checkbox"/>	382	1097.3600	1096.3527	1095.5019	0.8508	0	3	1.7e+003	1	AVMDEVYGG R
<input checked="" type="checkbox"/>	122	666.7500	665.7427	665.2877	0.4551	0	3	1.4e+003	1	CMDIK
<input checked="" type="checkbox"/>	182	761.3600	760.3527	759.3374	1.0153	0	3	3.2e+003	1	SGFFMR + Oxidation (M)
<input checked="" type="checkbox"/>	1294	765.8500	4589.0563	4587.8844	1.1719	1	3	5.5e+002	1	AEHLSMDVPFWQSKTLDMSDAEWESLCDGCGQCCLHK + 2 Oxidat
<input checked="" type="checkbox"/>	153	719.8900	718.8827	717.3657	1.5170	0	3	2.2e+003	1	SAVEQ GK
<input checked="" type="checkbox"/>	351	512.6700	1023.3254	1021.4209	1.9046	0	3	1.9e+003	1	GMEPDVSCK
<input checked="" type="checkbox"/>	199	394.5500	787.0854	787.4803	-0.3949	0	3	2.7e+003	1	TSLILNK
<input checked="" type="checkbox"/>	85	620.8200	619.8127	619.2813	0.5314	0	2	2.4e+003	1	ATDEGK
<input checked="" type="checkbox"/>	195	786.9700	785.9627	786.4236	-0.4608	0	2	2.8e+003	1	VGQEINK
<input checked="" type="checkbox"/>	108	649.9700	648.9627	647.3642	1.5985	0	2	3e+003	1	AAPVYK
<input checked="" type="checkbox"/>	534	644.1500	1286.2854	1286.7207	-0.4353	1	2	2.5e+003	1	GHEILLANHKR

<input checked="" type="checkbox"/>	172	746.2300	745.2227	746.3745	-1.1518	0	2	4.7e+003	1	SLPQMR + Oxidation (M)
<input checked="" type="checkbox"/>	126	675.6100	674.6027	674.3711	0.2316	2	2	4.2e+003	1	RSKGDI
<input checked="" type="checkbox"/>	188	771.3700	770.3627	770.3520	0.0107	0	2	3.3e+003	1	MVETYL + Oxidation (M)
<input checked="" type="checkbox"/>	342	500.6100	999.2054	999.3572	-0.1518	0	2	2.6e+003	1	DMNSACMR + Oxidation (M)
<input checked="" type="checkbox"/>	70	593.3300	592.3227	592.3221	0.0007	0	2	3.2e+003	1	ILNFS
<input checked="" type="checkbox"/>	41	544.6900	543.6827	544.2969	-0.6142	0	2	4.2e+003	1	AVAER
<input checked="" type="checkbox"/>	165	738.8300	737.8227	737.4184	0.4043	1	2	1.9e+003	1	ASAKHPK
<input checked="" type="checkbox"/>	177	756.4100	755.4027	754.4337	0.9690	0	2	2.7e+003	1	SSVPPIR
<input checked="" type="checkbox"/>	626	700.7700	1399.5254	1399.7459	-0.2205	0	2	3.1e+003	1	QWSDEAILGIR
<input checked="" type="checkbox"/>	174	751.2100	750.2027	751.2620	-1.0593	0	1	3.3e+003	1	SDDSGSNA
<input checked="" type="checkbox"/>	231	840.4300	839.4227	837.3538	2.0689	0	1	3e+003	1	DAEAAMSK + Oxidation (M)
<input checked="" type="checkbox"/>	191	776.6500	775.6427	773.4395	2.2032	1	1	4.1e+003	1	GVDSRIK
<input checked="" type="checkbox"/>	251	867.5700	866.5627	865.4042	1.1585	1	1	3.2e+003	1	NNFSTRAG
<input checked="" type="checkbox"/>	250	866.6900	865.6827	863.4865	2.1962	1	1	2.9e+003	1	VRLSFDK
<input checked="" type="checkbox"/>	746	848.4100	1694.8054	1695.9229	-1.1174	0	1	3.6e+003	1	VCAAAGELLAEALPAIK
<input checked="" type="checkbox"/>	110	655.5800	654.5727	653.3609	1.2118	1	1	1.8e+003	1	HRDVK
<input checked="" type="checkbox"/>	105	646.3600	645.3527	646.3108	-0.9581	0	1	6.9e+003	1	DMIPR + Oxidation (M)
<input checked="" type="checkbox"/>	166	739.1000	738.0927	737.3820	0.7107	1	1	2.5e+003	1	ARGGSYK
<input checked="" type="checkbox"/>	101	639.1600	638.1527	639.3340	-1.1813	0	1	2.6e+003	1	PGPNAGK
<input checked="" type="checkbox"/>	65	578.7400	577.7327	576.2690	1.4638	0	1	3.7e+003	1	ASMPR + Oxidation (M)
<input checked="" type="checkbox"/>	71	600.6900	599.6827	598.3802	1.3025	0	0	3.4e+003	1	GGKPLK
<input checked="" type="checkbox"/>	129	679.4400	678.4327	678.3337	0.0991	0	0	4.9e+003	1	SYNPAK
<input checked="" type="checkbox"/>	203	793.3300	792.3227	791.4905	0.8322	1	0	5.1e+003	1	YALVKAK
<input checked="" type="checkbox"/>	134	687.3400	686.3327	686.3963	-0.0635	0	0	6.7e+003	1	INGLISA
<input checked="" type="checkbox"/>	1	307.3200	306.3127							
<input checked="" type="checkbox"/>	2	325.7300	324.7227							
<input checked="" type="checkbox"/>	3	345.1500	344.1427							
<input checked="" type="checkbox"/>	4	359.1400	358.1327							
<input checked="" type="checkbox"/>	5	375.8700	374.8627							
<input checked="" type="checkbox"/>	6	376.8500	375.8427							
<input checked="" type="checkbox"/>	7	376.8800	375.8727							
<input checked="" type="checkbox"/>	8	376.8900	375.8827							
<input checked="" type="checkbox"/>	9	396.6600	395.6527							
<input checked="" type="checkbox"/>	10	399.5400	398.5327							
<input checked="" type="checkbox"/>	11	411.2500	410.2427							
<input checked="" type="checkbox"/>	12	414.5300	413.5227							
<input checked="" type="checkbox"/>	13	435.9200	434.9127							
<input checked="" type="checkbox"/>	14	437.8200	436.8127							
<input checked="" type="checkbox"/>	15	440.1900	439.1827							
<input checked="" type="checkbox"/>	16	442.7800	441.7727							
<input checked="" type="checkbox"/>	17	445.1100	444.1027							
<input checked="" type="checkbox"/>	18	452.3700	451.3627							
<input checked="" type="checkbox"/>	19	458.8700	457.8627							
<input checked="" type="checkbox"/>	20	459.1800	458.1727							
<input checked="" type="checkbox"/>	21	472.3800	471.3727							
<input checked="" type="checkbox"/>	22	474.5000	473.4927							
<input checked="" type="checkbox"/>	23	479.1500	478.1427							
<input checked="" type="checkbox"/>	24	479.7000	478.6927							
<input checked="" type="checkbox"/>	25	481.4000	480.3927							
<input checked="" type="checkbox"/>	26	493.8200	492.8127							
<input checked="" type="checkbox"/>	28	502.7800	501.7727							
<input checked="" type="checkbox"/>	29	506.6600	505.6527							
<input checked="" type="checkbox"/>	30	510.1400	509.1327							
<input checked="" type="checkbox"/>	31	510.6600	509.6527							
<input checked="" type="checkbox"/>	32	511.6500	510.6427							
<input checked="" type="checkbox"/>	35	527.3000	526.2927							
<input checked="" type="checkbox"/>	36	535.2600	534.2527							
<input checked="" type="checkbox"/>	38	540.1200	539.1127							
<input checked="" type="checkbox"/>	43	551.8100	550.8027							
<input checked="" type="checkbox"/>	44	552.4300	551.4227							
<input checked="" type="checkbox"/>	46	553.8900	552.8827							
<input checked="" type="checkbox"/>	47	555.7900	554.7827							
<input checked="" type="checkbox"/>	48	555.8400	554.8327							
<input checked="" type="checkbox"/>	50	562.7800	561.7727							
<input checked="" type="checkbox"/>	51	564.6100	563.6027							
<input checked="" type="checkbox"/>	52	566.1600	565.1527							
<input checked="" type="checkbox"/>	57	570.5800	569.5727							
<input checked="" type="checkbox"/>	59	571.5600	570.5527							
<input checked="" type="checkbox"/>	60	571.6400	570.6327							
<input checked="" type="checkbox"/>	61	573.6900	572.6827							
<input checked="" type="checkbox"/>	62	574.2900	573.2827							
<input checked="" type="checkbox"/>	63	576.9400	575.9327							
<input checked="" type="checkbox"/>	64	577.5900	576.5827							
<input checked="" type="checkbox"/>	66	581.0100	580.0027							
<input checked="" type="checkbox"/>	68	583.8800	582.8727							
<input checked="" type="checkbox"/>	69	585.9800	584.9727							
<input checked="" type="checkbox"/>	72	600.8600	599.8527							
<input checked="" type="checkbox"/>	75	606.0200	605.0127							
<input checked="" type="checkbox"/>	79	610.9700	609.9627							
<input checked="" type="checkbox"/>	82	616.7200	615.7127							
<input checked="" type="checkbox"/>	89	627.6800	626.6727							

<input checked="" type="checkbox"/>	90	631.6200	630.6127
<input checked="" type="checkbox"/>	92	632.8700	631.8627
<input checked="" type="checkbox"/>	93	632.9200	631.9127
<input checked="" type="checkbox"/>	98	635.8300	634.8227
<input checked="" type="checkbox"/>	99	637.8200	636.8127
<input checked="" type="checkbox"/>	100	638.0200	637.0127
<input checked="" type="checkbox"/>	102	640.0000	638.9927
<input checked="" type="checkbox"/>	111	655.7500	654.7427
<input checked="" type="checkbox"/>	113	657.3500	656.3427
<input checked="" type="checkbox"/>	123	669.6800	668.6727
<input checked="" type="checkbox"/>	127	676.9000	675.8927
<input checked="" type="checkbox"/>	131	680.6900	679.6827
<input checked="" type="checkbox"/>	133	682.4800	681.4727
<input checked="" type="checkbox"/>	135	688.5500	687.5427
<input checked="" type="checkbox"/>	137	699.4900	698.4827
<input checked="" type="checkbox"/>	138	700.3100	699.3027
<input checked="" type="checkbox"/>	139	701.4200	700.4127
<input checked="" type="checkbox"/>	141	703.1000	702.0927
<input checked="" type="checkbox"/>	146	707.7900	706.7827
<input checked="" type="checkbox"/>	154	720.8100	719.8027
<input checked="" type="checkbox"/>	159	729.7800	728.7727
<input checked="" type="checkbox"/>	164	736.5400	735.5327
<input checked="" type="checkbox"/>	170	745.7000	744.6927
<input checked="" type="checkbox"/>	171	746.1600	745.1527
<input checked="" type="checkbox"/>	176	756.4000	755.3927
<input checked="" type="checkbox"/>	179	756.9500	755.9427
<input checked="" type="checkbox"/>	180	760.3400	759.3327
<input checked="" type="checkbox"/>	183	765.1700	764.1627
<input checked="" type="checkbox"/>	187	770.0700	769.0627
<input checked="" type="checkbox"/>	194	784.2400	783.2327
<input checked="" type="checkbox"/>	202	791.8600	790.8527
<input checked="" type="checkbox"/>	217	819.3500	818.3427
<input checked="" type="checkbox"/>	223	830.3800	829.3727
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<input checked="" type="checkbox"/>	241	845.1500	844.1427
<input checked="" type="checkbox"/>	245	854.2400	853.2327
<input checked="" type="checkbox"/>	246	856.6600	855.6527
<input checked="" type="checkbox"/>	271	891.0300	890.0227
<input checked="" type="checkbox"/>	272	894.4400	893.4327
<input checked="" type="checkbox"/>	282	900.7400	899.7327
<input checked="" type="checkbox"/>	288	457.4800	912.9454
<input checked="" type="checkbox"/>	325	971.1700	970.1627

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 ($\# \text{ } ^{13}\text{C} = 1$)
 Fragment Mass Tolerance : ± 0.5 Da
 Max Missed Cleavages : 2
 Instrument type : ESI-TRAP
 Number of queries : 1295

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