

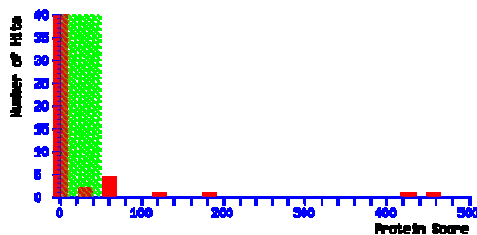


Mascot Search Results

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 15:02:37 GMT
Protein hits :
[2::IGKC_HUMAN](#) Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
[2::IGK_HUMAN](#) Immunoglobulin kappa light chain OS=Homo sapiens OX=9606 PE=1 SV=1
[2::IGLC2_HUMAN](#) Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1
[2::KVD20_HUMAN](#) Immunoglobulin kappa variable 3D-20 OS=Homo sapiens OX=9606 GN=IGKV3D-20 PE=3 SV=1
[2::KV2A7_MOUSE](#) Ig kappa chain V-II region 26-10 OS=Mus musculus OX=10090 PE=1 SV=1
[2::TRYF_PIG](#) Trypsin OS=Sus scrofa OX=9823 PE=1 SV=1
[2::KV401_HUMAN](#) Immunoglobulin kappa variable 4-1 OS=Homo sapiens OX=9606 GN=IGKV4-1 PE=1 SV=1
[2::KV1_CANLF](#) Ig kappa chain V region GOM OS=Canis lupus familiaris OX=9615 PE=1 SV=1
[2::KVD12_HUMAN](#) Immunoglobulin kappa variable 1D-12 OS=Homo sapiens OX=9606 GN=IGKV1D-12 PE=1 SV=2
[2::ILVC_BLOFL](#) Ketol-acid reductoisomerase (NADP(+)) OS=Blochmannia floridanus OX=203907 GN=ilvC PE=3 SV=1

Mascot Score Histogram

Ions score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event.
Individual ions scores > 49 indicate identity or extensive homology ($p < 0.05$).
Protein scores are derived from ions scores as a non-probabilistic basis for ranking protein hits.



Peptide Summary Report

Format As [Help](#)

Significance threshold $p <$ Max. number of hits

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

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

☐ **Error tolerant**

1. [2::IGKC_HUMAN](#) Mass: 11929 Score: 456 Matches: 57(10) Sequences: 9(4) emPAI: 11.70
Immunoglobulin kappa constant OS=Homo sapiens OX=9606 GN=IGKC PE=1 SV=2
☐ Check to include this hit in error tolerant search or archive report

	Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/>	213	435.8300	869.6454	868.3497	1.2957	1	21	30	1		K.SFNRGEC.-
<input checked="" type="checkbox"/>	214	435.8700	869.7254	868.3497	1.3757	1	(21)	29	1		K.SFNRGEC.-
<input checked="" type="checkbox"/>	559	751.8100	1501.6054	1501.7512	-0.1457	0	(55)	0.015	1		K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	560	751.8300	1501.6454	1501.7512	-0.1057	0	(63)	0.0024	1		K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	561	751.8300	1501.6454	1501.7512	-0.1057	0	(42)	0.33	1		K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	562	751.8400	1501.6654	1501.7512	-0.0857	0	80	5.4e-005	1		K.DSTYSLSSTLTLSK.A
<input checked="" type="checkbox"/>	686	899.4100	1796.8054	1796.8880	-0.0825	0	(55)	0.015	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	687	899.4100	1796.8054	1796.8880	-0.0825	0	(24)	16	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	688	899.4400	1796.8654	1796.8880	-0.0225	0	(45)	0.15	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	420	600.1800	1797.5182	1796.8880	0.6302	0	(33)	5.3	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	689	899.9000	1797.7854	1796.8880	0.8975	0	(12)	2.7e+002	3		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	690	899.9200	1797.8254	1796.8880	0.9375	0	(48)	0.071	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	691	899.9300	1797.8454	1796.8880	0.9575	0	(57)	0.0091	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	693	600.3000	1797.8782	1796.8880	0.9902	0	(57)	0.0096	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	694	600.3100	1797.9082	1796.8880	1.0202	0	(35)	1.3	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	695	600.3100	1797.9082	1796.8880	1.0202	0	(38)	0.63	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	696	600.3200	1797.9382	1796.8880	1.0502	0	(41)	0.39	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	697	600.3300	1797.9682	1796.8880	1.0802	0	(37)	0.91	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	698	600.3500	1798.0282	1796.8880	1.1402	0	(36)	1	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	699	600.3600	1798.0582	1796.8880	1.1702	0	(26)	11	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	701	600.6700	1798.9882	1796.8880	2.1002	0	61	0.0034	1		K.SGTASVVCLLNNFYPR.E
<input checked="" type="checkbox"/>	777	625.9100	1874.7082	1874.9197	-0.2115	0	(16)	93	4		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	778	625.9200	1874.7382	1874.9197	-0.1815	0	(34)	1.5	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	779	625.9200	1874.7382	1874.9197	-0.1815	0	(46)	0.086	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	780	625.9200	1874.7382	1874.9197	-0.1815	0	(23)	17	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	781	625.9300	1874.7682	1874.9197	-0.1515	0	(65)	0.0011	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	782	938.4300	1874.8454	1874.9197	-0.0742	0	73	0.00022	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	457	626.2400	1875.6982	1874.9197	0.7785	0	(13)	4.9e+002	2		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	786	626.2800	1875.8182	1874.9197	0.8985	0	(16)	98	1		K.VYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	855	649.2600	1944.7582	1945.0197	-0.2615	0	(33)	1.7	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	856	649.2700	1944.7882	1945.0197	-0.2315	0	(15)	1.1e+002	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	857	649.2700	1944.7882	1945.0197	-0.2315	0	(20)	35	2	U	R.TVAAPSVFIFPPSDEQLK.S

<input checked="" type="checkbox"/>	858	649.2700	1944.7882	1945.0197	-0.2315	0	(24)	15	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	859	973.4300	1944.8454	1945.0197	-0.1742	0	(34)	1.6	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	860	649.2900	1944.8482	1945.0197	-0.1715	0	(37)	0.81	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	861	649.2900	1944.8482	1945.0197	-0.1715	0	(31)	3.4	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	862	649.2900	1944.8482	1945.0197	-0.1715	0	(36)	1	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	863	973.4400	1944.8654	1945.0197	-0.1542	0	(39)	0.57	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	864	973.4400	1944.8654	1945.0197	-0.1542	0	39	0.46	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	865	973.4400	1944.8654	1945.0197	-0.1542	0	(12)	2.5e+002	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	866	649.3000	1944.8782	1945.0197	-0.1415	0	(22)	24	2	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	867	649.3000	1944.8782	1945.0197	-0.1415	0	(26)	9.6	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	868	649.3000	1944.8782	1945.0197	-0.1415	0	(24)	16	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	869	973.4900	1944.9654	1945.0197	-0.0542	0	(27)	8.8	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	870	649.6500	1945.9282	1945.0197	0.9085	0	(18)	66	2	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	871	649.9200	1946.7382	1945.0197	1.7185	0	(19)	48	1	U	R.TVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	990	701.3000	2100.8782	2101.1208	-0.2426	1	23	16	2	U	- .RTVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	991	701.3200	2100.8782	2101.1208	-0.1826	1	(22)	25	8	U	- .RTVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/>	1003	712.5900	2134.7482	2134.9614	-0.2133	0	68	0.00051	1		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1004	712.6000	2134.7782	2134.9614	-0.1833	0	(46)	0.077	1		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1006	712.9000	2135.6782	2134.9614	0.7167	0	(24)	13	1		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1007	712.9300	2135.7682	2134.9614	0.8067	0	(34)	1.3	1		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1009	713.2800	2136.8182	2134.9614	1.8567	0	(9)	3.6e+002	5		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1010	713.2900	2136.8482	2134.9614	1.8867	0	(39)	0.41	1		K.VDNALQSGNSQESVTEQDSK.D
<input checked="" type="checkbox"/>	1012	714.3000	2139.8782	2140.0735	-0.1954	1	(10)	3.3e+002	1		K.HKVYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	1014	714.6500	2140.9282	2140.0735	0.8546	1	46	0.098	1		K.HKVYACEVTHQGLSSPVTK.S
<input checked="" type="checkbox"/>	1217	905.9000	3619.5709	3618.7020	0.8689	1	27	4.1	1		K.VDNALQSGNSQESVTEQDSKDYSLSTLTLSK.A

2. [2::IGK_HUMAN](#) Mass: 23650 Score: 424 Matches: 41(10) Sequences: 8(4) emPAI: 1.88

Immunoglobulin kappa light chain OS=Homo sapiens OX=9606 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
213	435.8300	869.6454	868.3497	1.2957	1	21	30	1		K.SFNRGEC.-
214	435.8700	869.7254	868.3497	1.3757	1	(21)	29	1		K.SFNRGEC.-
559	751.8100	1501.6054	1501.7512	-0.1457	0	(55)	0.015	1		K.DSTYLSLSTLTLSK.A
560	751.8300	1501.6454	1501.7512	-0.1057	0	(63)	0.0024	1		K.DSTYLSLSTLTLSK.A
561	751.8300	1501.6454	1501.7512	-0.1057	0	(42)	0.33	1		K.DSTYLSLSTLTLSK.A
562	751.8400	1501.6654	1501.7512	-0.0857	0	80	5.4e-005	1		K.DSTYLSLSTLTLSK.A
686	899.4100	1796.8054	1796.8880	-0.0825	0	(55)	0.015	1		K.SGTASVVCLLNNFYPR.E
687	899.4100	1796.8054	1796.8880	-0.0825	0	(24)	16	1		K.SGTASVVCLLNNFYPR.E
688	899.4400	1796.8654	1796.8880	-0.0225	0	(45)	0.15	1		K.SGTASVVCLLNNFYPR.E
420	600.1800	1797.5182	1796.8880	0.6302	0	(33)	5.3	1		K.SGTASVVCLLNNFYPR.E
689	899.9000	1797.7854	1796.8880	0.8975	0	(12)	2.7e+002	3		K.SGTASVVCLLNNFYPR.E
690	899.9200	1797.8254	1796.8880	0.9375	0	(48)	0.071	1		K.SGTASVVCLLNNFYPR.E
691	899.9300	1797.8454	1796.8880	0.9575	0	(57)	0.0091	1		K.SGTASVVCLLNNFYPR.E
693	600.3000	1797.8782	1796.8880	0.9902	0	(57)	0.0096	1		K.SGTASVVCLLNNFYPR.E
694	600.3100	1797.9082	1796.8880	1.0202	0	(35)	1.3	1		K.SGTASVVCLLNNFYPR.E
695	600.3100	1797.9082	1796.8880	1.0202	0	(38)	0.63	1		K.SGTASVVCLLNNFYPR.E
696	600.3200	1797.9382	1796.8880	1.0502	0	(41)	0.39	1		K.SGTASVVCLLNNFYPR.E
697	600.3300	1797.9682	1796.8880	1.0802	0	(37)	0.91	1		K.SGTASVVCLLNNFYPR.E
698	600.3500	1798.0282	1796.8880	1.1402	0	(36)	1	1		K.SGTASVVCLLNNFYPR.E
699	600.3600	1798.0582	1796.8880	1.1702	0	(26)	11	1		K.SGTASVVCLLNNFYPR.E
701	600.6700	1798.9882	1796.8880	2.1002	0	61	0.0034	1		K.SGTASVVCLLNNFYPR.E
777	625.9100	1874.7082	1874.9197	-0.2115	0	(16)	93	4		K.VYACEVTHQGLSSPVTK.S
778	625.9200	1874.7382	1874.9197	-0.1815	0	(34)	1.5	1		K.VYACEVTHQGLSSPVTK.S
779	625.9200	1874.7382	1874.9197	-0.1815	0	(46)	0.086	1		K.VYACEVTHQGLSSPVTK.S
780	625.9200	1874.7382	1874.9197	-0.1815	0	(23)	17	1		K.VYACEVTHQGLSSPVTK.S
781	625.9300	1874.7682	1874.9197	-0.1515	0	(65)	0.0011	1		K.VYACEVTHQGLSSPVTK.S
782	938.4300	1874.8454	1874.9197	-0.0742	0	73	0.00022	1		K.VYACEVTHQGLSSPVTK.S
457	626.2400	1875.6982	1874.9197	0.7785	0	(13)	4.9e+002	2		K.VYACEVTHQGLSSPVTK.S
786	626.2800	1875.8182	1874.9197	0.8985	0	(16)	98	1		K.VYACEVTHQGLSSPVTK.S
930	668.2800	2001.8182	2002.0412	-0.2230	0	(9)	4.1e+002	8	U	K.GTVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/> 933	668.3000	2001.8782	2002.0412	-0.1630	0	(22)	24	1	U	K.GTVAAPSVFIFPPSDEQLK.S
<input checked="" type="checkbox"/> 934	668.3000	2001.8782	2002.0412	-0.1630	0	25	13	1	U	K.GTVAAPSVFIFPPSDEQLK.S
1003	712.5900	2134.7482	2134.9614	-0.2133	0	68	0.00051	1		K.VDNALQSGNSQESVTEQDSK.D
1004	712.6000	2134.7782	2134.9614	-0.1833	0	(46)	0.077	1		K.VDNALQSGNSQESVTEQDSK.D
1006	712.9000	2135.6782	2134.9614	0.7167	0	(24)	13	1		K.VDNALQSGNSQESVTEQDSK.D
1007	712.9300	2135.7682	2134.9614	0.8067	0	(34)	1.3	1		K.VDNALQSGNSQESVTEQDSK.D
1009	713.2800	2136.8182	2134.9614	1.8567	0	(9)	3.6e+002	5		K.VDNALQSGNSQESVTEQDSK.D
1010	713.2900	2136.8482	2134.9614	1.8867	0	(39)	0.41	1		K.VDNALQSGNSQESVTEQDSK.D
1012	714.3000	2139.8782	2140.0735	-0.1954	1	(10)	3.3e+002	1		K.HKVYACEVTHQGLSSPVTK.S
1014	714.6500	2140.9282	2140.0735	0.8546	1	46	0.098	1		K.HKVYACEVTHQGLSSPVTK.S
1217	905.9000	3619.5709	3618.7020	0.8689	1	27	4.1	1		K.VDNALQSGNSQESVTEQDSKDYSLSTLTLSK.A

3. [2::IGLC2_HUMAN](#) Mass: 11458 Score: 195 Matches: 14(6) Sequences: 3(2) emPAI: 1.20

Immunoglobulin lambda constant 2 OS=Homo sapiens OX=9606 GN=IGLC2 PE=1 SV=1

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

	Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/>	659	872.3900	1742.7654	1742.8515	-0.0861	0	69	0.00057	1	U	K.YAASSYLSLTPEQWK.S
<input checked="" type="checkbox"/>	662	582.6100	1744.8082	1742.8515	1.9567	0	(18)	70	1	U	K.YAASSYLSLTPEQWK.S
	914	662.6000	1984.7782	1985.0105	-0.2324	0	(9)	4.6e+002	10	U	K.AAPSVTLFPPSSEELQANK.A
<input checked="" type="checkbox"/>	915	662.6200	1984.8382	1985.0105	-0.1724	0	23	18	1	U	K.AAPSVTLFPPSSEELQANK.A
	916	662.6200	1984.8382	1985.0105	-0.1724	0	(7)	7.8e+002	9	U	K.AAPSVTLFPPSSEELQANK.A
<input checked="" type="checkbox"/>	1049	737.4000	2209.1782	2210.1446	-0.9664	0	(38)	0.65	1	U	K.ATLVCLISDFYPGAVTVANK.A
	1050	737.6600	2209.9582	2210.1446	-0.1864	0	(29)	4.5	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1051	737.6600	2209.9582	2210.1446	-0.1864	0	(49)	0.048	1	U	K.ATLVCLISDFYPGAVTVANK.A

<input checked="" type="checkbox"/>	1053	737.6700	2209.9882	2210.1446	-0.1564	0	(29)	4.2	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1054	737.6800	2210.0182	2210.1446	-0.1264	0	(57)	0.0071	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1055	737.6900	2210.0482	2210.1446	-0.0964	0	(56)	0.009	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1056	1106.0400	2210.0654	2210.1446	-0.0791	0	102	2.2e-007	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1057	737.7000	2210.0782	2210.1446	-0.0664	0	(22)	23	1	U	K.ATLVCLISDFYPGAVTVANK.A
<input checked="" type="checkbox"/>	1058	738.0400	2211.0982	2210.1446	0.9536	0	(48)	0.057	1	U	K.ATLVCLISDFYPGAVTVANK.A

Proteins matching the same set of peptides:

[2::IGLC3_HUMAN](#) Mass: 11430 Score: 195 Matches: 14(6) Sequences: 3(2)
Immunoglobulin lambda constant 3 OS=Homo sapiens OX=9606 GN=IGLC3 PE=1 SV=1

4. [2::KVD20_HUMAN](#) Mass: 12621 Score: 114 Matches: 2(2) Sequences: 1(1) emPAI: 0.27
Immunoglobulin kappa variable 3D-20 OS=Homo sapiens OX=9606 GN=IGKV3D-20 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"/>	615	816.8500	1631.6854	1631.7791	-0.0937	0 (66)	0.0011	1	U	R.FSGSGSGTDFTLTISR.L
<input checked="" type="checkbox"/>	616	816.8500	1631.6854	1631.7791	-0.0937	0 85	1.5e-005	1	U	R.FSGSGSGTDFTLTISR.L

Proteins matching the same set of peptides:

[2::KV320_HUMAN](#) Mass: 12663 Score: 114 Matches: 2(2) Sequences: 1(1)
Immunoglobulin kappa variable 3-20 OS=Homo sapiens OX=9606 GN=IGKV3-20 PE=1 SV=2

5. [2::KV2A7_MOUSE](#) Mass: 12379 Score: 72 Matches: 3(1) Sequences: 1(1) emPAI: 0.28
Ig kappa chain V-II region 26-10 OS=Mus musculus OX=10090 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"/> 490	652.2300	1302.4454	1302.6092	-0.1638	0	62	0.003	1	U	R.FSGSGSGTDFTLK.I
<input checked="" type="checkbox"/> 491	652.2500	1302.4854	1302.6092	-0.1238	0	(40)	0.42	1	U	R.FSGSGSGTDFTLK.I
<input checked="" type="checkbox"/> 492	652.2500	1302.4854	1302.6092	-0.1238	0	(11)	3.5e+002	1	U	R.FSGSGSGTDFTLK.I

Proteins matching the same set of peptides:

[2::KVD26_HUMAN](#) Mass: 13403 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2D-26 OS=Homo sapiens OX=9606 GN=IGKV2D-26 PE=3 SV=1

[2::KVD28_HUMAN](#) Mass: 13062 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2D-28 OS=Homo sapiens OX=9606 GN=IGKV2D-28 PE=1 SV=2

[2::KVD29_HUMAN](#) Mass: 13249 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2D-29 OS=Homo sapiens OX=9606 GN=IGKV2D-29 PE=3 SV=1

[2::KVD30_HUMAN](#) Mass: 13321 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2D-30 OS=Homo sapiens OX=9606 GN=IGKV2D-30 PE=3 SV=1

[2::KVD40_HUMAN](#) Mass: 13416 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2D-40 OS=Homo sapiens OX=9606 GN=IGKV2D-40 PE=1 SV=2

[2::KV228_HUMAN](#) Mass: 13062 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2-28 OS=Homo sapiens OX=9606 GN=IGKV2-28 PE=3 SV=1

[2::KV229_HUMAN](#) Mass: 13191 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2-29 OS=Homo sapiens OX=9606 GN=IGKV2-29 PE=3 SV=2

[2::KV230_HUMAN](#) Mass: 13291 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2-30 OS=Homo sapiens OX=9606 GN=IGKV2-30 PE=3 SV=2

[2::KV240_HUMAN](#) Mass: 13416 Score: 72 Matches: 3(1) Sequences: 1(1)
Immunoglobulin kappa variable 2-40 OS=Homo sapiens OX=9606 GN=IGKV2-40 PE=3 SV=2

6. [2::TRYP_PIG](#) Mass: 25078 Score: 54 Matches: 2(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"/> 1052	737.6600	2209.9582	2210.0967	-0.1386	0	(38)	0.53	1	U	R.LGEHNIDVLEGNQFINAAK.I
<input checked="" type="checkbox"/> 1060	738.3200	2211.9382	2210.0967	1.8414	0	54	0.013	1	U	R.LGEHNIDVLEGNQFINAAK.I

Proteins matching the same set of peptides:

[1::Trypsin](#) Mass: 25078 Score: 54 Matches: 2(1) Sequences: 1(1)
Trypsin - Sus scrofa (Pig).

7. [2::KV401_HUMAN](#) Mass: 13486 Score: 53 Matches: 3(1) Sequences: 2(1) emPAI: 0.57
Immunoglobulin kappa variable 4-1 OS=Homo sapiens OX=9606 GN=IGKV4-1 PE=1 SV=1

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

	Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/>	379	562.7900	1123.5654	1121.6233	1.9421	0	55	0.016	1	U	K.LLIYWASTR.E
<input checked="" type="checkbox"/>	380	562.8000	1123.5854	1121.6233	1.9621	0	(39)	0.62	1	U	K.LLIYWASTR.E
<input checked="" type="checkbox"/>	707	606.8600	1817.5582	1816.9260	0.6321	0	39	0.38	1	U	K.NYLAWYQQKPGQPPK.L

8. [2::KV1_CANLF](#) Mass: 12112 Score: 50 Matches: 1(1) Sequences: 1(1) emPAI: 0.28
Ig kappa chain V region GOM OS=Canis lupus familiaris OX=9615 PE=1 SV=1

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Unique	Peptide
<input checked="" type="checkbox"/> 513	666.2500	1330.4854	1330.6154	-0.1299	0	50	0.048	1	U	R.FSGSGSGTDFTLR.I

Proteins matching the same set of peptides:

[2::KV2A4_MOUSE](#) Mass: 12327 Score: 50 Matches: 1(1) Sequences: 1(1)

Ig kappa chain V-II region 2S1.3 OS=Mus musculus OX=10090 PE=1 SV=1

9. [2::KVD12_HUMAN](#) Mass: 12783 Score: 45 Matches: 2(0) Sequences: 1(0) emPAI: 0.27
Immunoglobulin kappa variable 1D-12 OS=Homo sapiens OX=9606 GN=IGKV1D-12 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"/> 626	831.3900	1660.7654	1660.9148	-0.1493	0	(25)	17	1	U	K.LLIYAASSLQSGVPSR.F
<input checked="" type="checkbox"/> 627	554.7300	1661.1682	1660.9148	0.2534	0	45	0.12	1	U	K.LLIYAASSLQSGVPSR.F

Proteins matching the same set of peptides:

[2::KVD39_HUMAN](#) Mass: 12900 Score: 45 Matches: 2(0) Sequences: 1(0)
Immunoglobulin kappa variable 1D-39 OS=Homo sapiens OX=9606 GN=IGKV1D-39 PE=3 SV=2
[2::KV106_HUMAN](#) Mass: 12860 Score: 45 Matches: 2(0) Sequences: 1(0)
Immunoglobulin kappa variable 1-6 OS=Homo sapiens OX=9606 GN=IGKV1-6 PE=3 SV=1
[2::KV112_HUMAN](#) Mass: 12808 Score: 45 Matches: 2(0) Sequences: 1(0)
Immunoglobulin kappa variable 1-12 OS=Homo sapiens OX=9606 GN=IGKV1-12 PE=3 SV=1
[2::KV139_HUMAN](#) Mass: 12900 Score: 45 Matches: 2(0) Sequences: 1(0)
Immunoglobulin kappa variable 1-39 OS=Homo sapiens OX=9606 GN=IGKV1-39 PE=1 SV=2

10. [2::ILVC_BLOFL](#) Mass: 56117 Score: 24 Matches: 1(0) Sequences: 1(0) emPAI: 0.06
Ketol-acid reductoisomerase (NADP(+)) OS=Blochmannia floridanus OX=203907 GN=ilvC 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"/> 1097	576.0200	2300.0509	2298.2188	1.8321	2	24	15	1	U	K.IRQDITVIMVAPKCPGTEVR.Q + Oxidation (M)

Proteins matching the same set of peptides:

[2::ILVC_BLOPB](#) Mass: 55657 Score: 24 Matches: 1(0) Sequences: 1(0)
Ketol-acid reductoisomerase (NADP(+)) OS=Blochmannia pennsylvanicus (strain BPEN) OX=291272 GN=ilvC PE=3 SV=1
[2::ILVC_BUCBP](#) Mass: 56502 Score: 24 Matches: 1(0) Sequences: 1(0)
Ketol-acid reductoisomerase (NADP(+)) OS=Buchnera aphidicola subsp. Baizongia pistaciae (strain Bp) OX=224915 GN=ilvC PE=3 SV=1

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"/> 437	610.5100	1219.0054	1218.6568	0.3486	0	41	0.29	1		SGTSASLAISGLR
<input checked="" type="checkbox"/> 572	762.8400	1523.6654	1523.7654	-0.0999	0	32	2.8	1		MFGISAVNETAGISK
<input checked="" type="checkbox"/> 991	701.3200	2100.9382	2101.0700	-0.1318	1	28	5.6	1		ETLLMPQTEFPMRGNLPK
<input checked="" type="checkbox"/> 475	638.7100	1275.4054	1275.6836	-0.2782	1	26	9.9	1		WGFNSAAVLRR
<input checked="" type="checkbox"/> 292	491.4200	980.8254	979.5087	1.3168	0	26	8.2	1		VQIYGASSR
<input checked="" type="checkbox"/> 646	572.0600	1713.1582	1712.8477	0.3104	0	26	9.5	1		STIGGQIMFLTGMVVK + Oxidation (M)
<input checked="" type="checkbox"/> 313	504.0000	2011.9709	2011.1466	0.8243	2	25	37	1		KWLSNGAQPTDTVKILLK
<input checked="" type="checkbox"/> 971	512.7900	2047.1309	2046.0799	1.0510	2	25	12	1		TGKGWYQYDKPLGRIHK
<input checked="" type="checkbox"/> 339	526.3400	1050.6654	1048.4971	2.1683	0	25	14	1		ITCQGDLSR
<input checked="" type="checkbox"/> 802	633.2400	1896.6982	1897.0884	-0.3903	2	25	11	1		LIKKGIDGDVTVVNGEK
<input checked="" type="checkbox"/> 57	561.3100	560.3027	559.3693	0.9334	1	25	26	1		KVSVK
<input checked="" type="checkbox"/> 473	638.1500	1911.4282	1910.7874	0.6408	0	25	33	1		DNDDEIEMALDMASAPGSK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 669	586.2200	1755.6382	1753.8193	1.8189	0	24	13	1		SQICIDSDILDNSFK
<input checked="" type="checkbox"/> 1069	745.0000	2231.9782	2232.1201	-0.1420	1	24	14	1		IKELDSITLYDIGYEFK
<input checked="" type="checkbox"/> 841	643.6000	1927.7782	1928.0327	-0.2545	1	24	14	1		SGGRSLEQTGALIAQALEK
<input checked="" type="checkbox"/> 1027	719.9400	2156.7982	2156.9896	-0.1914	0	24	14	1		MDEEGAPLSEGVQVDPDVR + Oxidation (M)
<input checked="" type="checkbox"/> 563	753.9000	3011.5709	3010.4351	1.1358	1	24	45	1		GADRSSMVIAYGGGIVTDMGGFLAAIFMR + 3 Oxidation (M)
<input checked="" type="checkbox"/> 866	649.3000	1944.8782	1944.9108	-0.0326	0	24	18	1		AMQVDATVFTCISMLAR + 2 Oxidation (M)
<input checked="" type="checkbox"/> 711	910.4300	1818.8454	1817.9173	0.9282	1	24	19	1		RDGRPLEELGFYNFR
<input checked="" type="checkbox"/> 990	701.3000	2100.8782	2101.9635	-1.0853	1	24	16	1		MEAVHNTPMMKQYFSIK + 3 Oxidation (M)
<input checked="" type="checkbox"/> 296	492.3800	982.7454	983.5400	-0.7945	0	23	16	1		EPLNVSLGR
<input checked="" type="checkbox"/> 375	559.7900	1117.5654	1115.5546	2.0109	0	23	27	1		FNHLMVSPR + Oxidation (M)
<input checked="" type="checkbox"/> 647	572.0700	1713.1882	1712.8477	0.3404	0	23	17	1		STIGGQIMFLTGMVVK + Oxidation (M)
<input checked="" type="checkbox"/> 310	499.3200	996.6254	997.6284	-1.0029	0	23	22	1		LILNSLIGR
<input checked="" type="checkbox"/> 1176	1427.5600	4279.6582	4280.2298	-0.5716	2	23	22	1		FDALLLMPKAKAEAYLLAMTPLLLEAGADLFLAGENR + 2 Oxidation (M)
<input checked="" type="checkbox"/> 958	675.6400	2023.8982	2023.1136	0.7846	0	23	20	1		VTILPTGMALGVTQQLPER
<input checked="" type="checkbox"/> 481	645.0200	1932.0382	1929.9472	2.0909	1	23	60	1		SLFFSTFSKDSPPDLR
<input checked="" type="checkbox"/> 193	821.8000	820.7927	819.4450	1.3477	0	23	23	1		SSGTILSR
<input checked="" type="checkbox"/> 180	396.8800	1583.4909	1581.7755	1.7154	2	22	75	1		GIEKIMEGKHCHK + Oxidation (M)
<input checked="" type="checkbox"/> 433	608.9100	1823.7082	1822.9366	0.7716	1	22	66	1		VSIRTAWLEFADYPR
<input checked="" type="checkbox"/> 338	526.3300	1050.6454	1048.4971	2.1483	0	22	27	1		ITCQGDLSR
<input checked="" type="checkbox"/> 223	441.9400	881.8654	881.4243	0.4412	1	22	70	1		KAETDYR
<input checked="" type="checkbox"/> 162	386.7400	1157.1982	1155.5230	1.6752	0	22	89	1		MESNLSSFNK
<input checked="" type="checkbox"/> 1024	719.9200	2156.7382	2157.0419	-0.3037	1	22	19	1		TLQGISNQMDRQLVHMR + Oxidation (M)
<input checked="" type="checkbox"/> 446	619.7200	1237.4254	1236.5735	0.8520	0	22	24	1		SQETFDANVAR
<input checked="" type="checkbox"/> 187	401.4000	1601.5709	1600.6974	0.8735	1	22	83	1		GACEFNSSSLCNKK
<input checked="" type="checkbox"/> 989	701.2800	2100.8182	2101.9925	-1.1743	1	22	21	1		SQSRPEDIMFEVFRAMK + 2 Oxidation (M)
<input checked="" type="checkbox"/> 909	661.9300	1982.7682	1980.9687	1.7995	2	22	22	1		LYESNRQNVKLNDNMK + Oxidation (M)
<input checked="" type="checkbox"/> 346	530.3400	1058.6654	1058.5879	0.0775	2	22	40	1		RPRTAMRR + Oxidation (M)
<input checked="" type="checkbox"/> 157	385.0500	1152.1282	1152.6291	-0.5010	0	21	69	1		YIIFGSGQIR
<input checked="" type="checkbox"/> 145	369.3100	736.6054	734.4327	2.1728	0	21	28	1		VTLAFGK
<input checked="" type="checkbox"/> 350	534.2300	1066.4454	1064.5107	1.9348	0	21	32	1		NIISMMSNR
<input checked="" type="checkbox"/> 323	511.5700	1021.1254	1019.4744	1.6510	1	21	31	1		GQREGSGSSR
<input checked="" type="checkbox"/> 884	492.3800	1965.4909	1966.1146	-0.6237	2	21	23	1		VLLDVGGIPMIEQVRRR + Oxidation (M)
<input checked="" type="checkbox"/> 766	619.0700	1854.1882	1854.9047	-0.7165	1	21	28	1		SQRIGVVAMGYADGYPR + Oxidation (M)
<input checked="" type="checkbox"/> 1071	745.0200	2232.0382	2232.1201	-0.0820	1	21	31	1		IKELDSITLYDIGYEFK
<input checked="" type="checkbox"/> 888	656.6200	1966.8382	1967.9185	-1.0803	1	21	30	1		GDADIRQGYTSVQSTSAAR

<input checked="" type="checkbox"/>	192	411.1800	1640.6909	1639.8066	0.8843	2	21	1.2e+002	1	EDAYRFANRLTER
<input checked="" type="checkbox"/>	132	353.6400	1057.8982	1056.5537	1.3445	1	21	1.2e+002	1	GRRPGASSGGR
<input checked="" type="checkbox"/>	307	498.7700	995.5254	993.5715	1.9540	2	21	36	1	KMMTKVLK + Oxidation (M)
<input checked="" type="checkbox"/>	404	389.9900	1166.9482	1167.5771	-0.6290	0	21	28	1	LYNENSSTLK
<input checked="" type="checkbox"/>	206	425.4400	848.8654	847.4875	1.3779	2	21	38	1	KVSKSSGR
<input checked="" type="checkbox"/>	700	600.6500	1798.9282	1798.9950	-0.0668	0	21	38	1	LLLIAAGCLHIFGMVR + Oxidation (M)
<input checked="" type="checkbox"/>	924	498.7800	1991.0909	1990.1067	0.9842	2	21	36	1	LIGKGGSMINMIKTLTGTR
<input checked="" type="checkbox"/>	1034	725.2600	2172.7582	2173.0395	-0.2813	1	21	26	1	MAGSVSSKTSFILAGSDMGPSTK + Oxidation (M)
<input checked="" type="checkbox"/>	411	594.0400	1186.0654	1186.5513	-0.4859	0	21	36	1	SAVTMAGHANGR + Oxidation (M)
<input checked="" type="checkbox"/>	774	933.7700	2798.2882	2799.2184	-0.9302	2	21	72	1	KSPECCKDTSICTDLGVALCQCK
<input checked="" type="checkbox"/>	870	649.6500	1945.9282	1945.0157	0.9125	1	21	38	1	TVWVSGDGKAVEIIDQTK
<input checked="" type="checkbox"/>	305	497.7900	993.5654	993.5317	0.0337	2	20	44	1	KVEMFKVGG
<input checked="" type="checkbox"/>	703	603.0000	1805.9782	1803.9479	2.0303	1	20	39	1	VQAPGTSIGNLKESFTR
<input checked="" type="checkbox"/>	857	649.2700	1944.7882	1942.9492	1.8390	0	20	33	1	ETIDLLMPMSEAHSTLR
<input checked="" type="checkbox"/>	717	607.5300	1819.5682	1819.8570	-0.2888	2	20	30	1	MHGISEMQDRFAAR + Oxidation (M)
<input checked="" type="checkbox"/>	839	642.6900	1925.0482	1924.9611	0.0871	2	20	38	1	GLTDMRLMIHQDKDPR
<input checked="" type="checkbox"/>	606	530.3100	1587.9082	1588.7807	-0.8725	2	20	45	1	VYASDEKVKEMFK + Oxidation (M)
<input checked="" type="checkbox"/>	322	510.9200	1529.7382	1527.8158	1.9224	1	20	1.2e+002	1	ELRVNFEPLAGQR
<input checked="" type="checkbox"/>	984	694.2700	2079.7882	2080.1276	-0.3394	1	20	31	1	SASLLNAQIDPNGALEIAKR
<input checked="" type="checkbox"/>	749	614.6800	1841.0182	1839.9010	1.1172	1	20	41	1	TRSHTAGSLCIGVDPNR
<input checked="" type="checkbox"/>	304	497.7800	993.5454	993.5317	0.0137	2	20	48	1	KVEMFKVGG
<input checked="" type="checkbox"/>	1031	720.9300	2159.7682	2158.1535	1.6147	1	20	33	1	DRQPFPGGELIRPLLEFSK
<input checked="" type="checkbox"/>	544	488.0200	1461.0382	1461.7576	-0.7194	2	20	42	1	QRIEDPRELEK
<input checked="" type="checkbox"/>	287	489.0000	975.9854	974.5396	1.4458	0	20	50	1	NGITATSALK
<input checked="" type="checkbox"/>	238	453.0600	1808.2109	1808.0155	0.1953	2	20	1.3e+002	1	TALAKIHEDNQKIISK
<input checked="" type="checkbox"/>	891	656.6400	1966.8982	1968.0163	-1.1182	0	20	45	1	SPSAIIIDAADLEESGRPK
<input checked="" type="checkbox"/>	892	656.6400	1966.8982	1967.9185	-1.0203	1	19	45	1	GDADIRQGYATSVQSTSAAA
<input checked="" type="checkbox"/>	315	505.2400	2016.9309	2015.9112	1.0197	1	19	1.6e+002	1	EVDDPEKYFVDDLYNR
<input checked="" type="checkbox"/>	961	508.0800	2028.2909	2026.9816	1.3093	0	19	39	1	ATDHIAGMHTMIQTLLDK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	135	354.6800	1414.6909	1414.6875	0.0034	1	19	1.7e+002	1	RVPETMPEDVAR + Oxidation (M)
<input checked="" type="checkbox"/>	144	369.3000	736.5854	734.4075	2.1779	0	19	49	1	VTVNFR
<input checked="" type="checkbox"/>	830	640.5900	1918.7482	1918.9418	-0.1937	1	19	42	1	SSGMSAPTTQSSKTLAPPR + Oxidation (M)
<input checked="" type="checkbox"/>	730	458.4300	1829.6909	1827.8495	1.8414	0	19	42	1	ALADGFSMIQSAADMLR + 2 Oxidation (M)
<input checked="" type="checkbox"/>	733	612.7600	1835.2582	1834.9644	0.2937	2	19	41	1	MKKSPPSSLLPTESMR + Oxidation (M)
<input checked="" type="checkbox"/>	653	432.1000	1724.3709	1724.8767	-0.5058	1	19	41	1	SGYGLNLESEIKMLR + Oxidation (M)
<input checked="" type="checkbox"/>	661	582.5900	1744.7482	1743.9982	0.7500	2	19	54	1	ELEKITGGKTISLDIK
<input checked="" type="checkbox"/>	847	644.9100	1931.7082	1931.0629	0.6453	2	19	43	1	FDGKFKPTLGPNTRLYK
<input checked="" type="checkbox"/>	58	561.7000	560.6927	560.3282	0.3645	0	19	73	1	ISSVR
<input checked="" type="checkbox"/>	722	607.5400	1819.5982	1819.0428	0.5554	2	19	43	1	ASVAAPAPKGGAGIVKAAAR
<input checked="" type="checkbox"/>	336	525.3700	1048.7254	1049.5175	-0.7921	1	19	66	1	DATEKAMLR + Oxidation (M)
<input checked="" type="checkbox"/>	649	572.1800	1713.5182	1712.6843	0.8339	1	19	45	1	SENGGCDVSGGSCSRGK
<input checked="" type="checkbox"/>	763	618.7100	1853.1082	1853.9530	-0.8448	2	19	53	1	VPSDIRAAGGVARMADPR + Oxidation (M)
<input checked="" type="checkbox"/>	799	946.3800	1890.7454	1891.9318	-1.1863	1	19	1e+002	1	MEADIQLMRLIQEMR + Oxidation (M)
<input checked="" type="checkbox"/>	954	675.2100	2022.6082	2023.0547	-0.4465	0	19	41	1	LTEMFSLLELLVSQSGK
<input checked="" type="checkbox"/>	681	449.2700	1793.0509	1790.9210	2.1299	2	19	57	1	SSAVGNGWRLRMSNLK + Oxidation (M)
<input checked="" type="checkbox"/>	1149	642.7100	2566.8109	2565.2845	1.5264	1	19	36	1	HHCGASLIGERFLLTAHCFLR
<input checked="" type="checkbox"/>	624	829.8600	1657.7054	1657.9443	-0.2389	2	19	1.3e+002	1	YFPDPLVPLKVKK
<input checked="" type="checkbox"/>	440	612.4500	1222.8854	1222.5765	0.3090	1	19	52	1	MGSTYGPFGGRK + Oxidation (M)
<input checked="" type="checkbox"/>	468	633.1700	1264.3254	1262.7207	1.6047	2	19	52	1	RVPFPALSRDR
<input checked="" type="checkbox"/>	1099	577.5800	2306.2909	2305.9716	0.3192	2	19	50	1	LKDGEENGESSEEPERCE
<input checked="" type="checkbox"/>	1070	745.0000	2231.9782	2232.1720	-0.1939	0	19	52	1	VASYITPVPGVGPMTIAMLMK
<input checked="" type="checkbox"/>	760	617.1300	1848.3682	1848.8928	-0.5246	1	18	47	1	DKDWVVVGASEADMLAK + Oxidation (M)
<input checked="" type="checkbox"/>	922	498.7600	1991.0109	1990.0735	0.9374	1	18	60	1	NYRISNIDITITETPK
<input checked="" type="checkbox"/>	343	527.8100	1053.6054	1051.5484	2.0570	0	18	63	1	INLAFMSTR
<input checked="" type="checkbox"/>	1008	712.9600	2135.8582	2136.1561	-0.2979	2	18	48	1	MRLPPLTKMQFVHRPNR + Oxidation (M)
<input checked="" type="checkbox"/>	671	441.1200	1760.4509	1758.9363	1.5146	0	18	49	1	SNTTIVDETIADVLLR
<input checked="" type="checkbox"/>	418	599.2400	2392.9309	2391.3413	1.5896	2	18	1.6e+002	1	LLIDPTDKNGIDPPPGTKIFK
<input checked="" type="checkbox"/>	540	729.6200	2185.8382	2184.9753	0.8629	2	18	1.5e+002	1	EISSCSNTGDFQARRMNGR
<input checked="" type="checkbox"/>	327	515.9400	1029.8654	1028.3903	1.4752	0	18	65	1	MESTGDSMR + Oxidation (M)
<input checked="" type="checkbox"/>	1080	564.2500	2252.9709	2251.1076	1.8633	1	18	51	1	LPSSGEAAATPTMSMTVVTKEK + Oxidation (M)
<input checked="" type="checkbox"/>	966	510.7500	2038.9709	2038.9385	0.0324	0	18	61	1	NNDNIDPYIYTPFGSGPR
<input checked="" type="checkbox"/>	816	636.6900	1907.0482	1907.0437	0.0044	1	18	65	1	LYLSIMLQEDKNAILK + Oxidation (M)
<input checked="" type="checkbox"/>	894	656.9900	1967.9482	1968.9761	-1.0279	2	18	63	1	SDQFMASEIIREKLNR + Oxidation (M)
<input checked="" type="checkbox"/>	823	638.7500	1913.2282	1912.9717	0.2565	1	18	54	1	VYEGKVYTGLCNLIER
<input checked="" type="checkbox"/>	577	510.7300	1529.1682	1527.6554	1.5128	0	18	58	1	AMMMQMGQKPSK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	504	660.2500	2636.9709	2636.2493	0.7216	1	18	1.7e+002	1	EADLAVFDLHAEKLSSEEDYLSK
<input checked="" type="checkbox"/>	406	587.8800	1173.7454	1171.5914	2.1541	1	18	87	1	DDKFYFFIK
<input checked="" type="checkbox"/>	926	666.0000	1994.9782	1994.1047	0.8734	0	18	67	1	DLAAKPALDAALALNSIK
<input checked="" type="checkbox"/>	913	662.3000	1983.8782	1983.9645	-0.0863	1	18	65	1	REIINSAELMEEIYMK + Oxidation (M)
<input checked="" type="checkbox"/>	668	585.8000	1754.3782	1753.8743	0.5039	0	18	55	1	DIIFGMINTNQMLTK + Oxidation (M)
<input checked="" type="checkbox"/>	484	647.7700	2587.0509	2588.1015	-1.0506	0	18	1.8e+002	1	CNGSIADNSPLFGLDCMCLTSK
<input checked="" type="checkbox"/>	489	652.1600	1302.3054	1302.6779	-0.3725	1	18	66	1	KVTEDLLTDNR
<input checked="" type="checkbox"/>	898	658.9200	1973.7382	1973.1469	0.5913	1	18	55	1	LMRQALAVHLGGRPLVSR
<input checked="" type="checkbox"/>	279	485.7400	969.4654	967.4168	2.0486	0	18	80	1	ETELSDMK + Oxidation (M)
<input checked="" type="checkbox"/>	939	669.8700	2006.5882	2005.0376	1.5505	0	18	54	1	EAAAVMLGAVGYIDMLIIPR + Oxidation (M)
<input checked="" type="checkbox"/>	850	644.9300	1931.7682	1931.8789	-0.1107	0	18	63	1	YVGETGGDFEFIDEINK
<input checked="" type="checkbox"/>	665	875.9900	2624.9482	2625.2030	-0.2548	0	18	1.6e+002	1	EALQADHENVSLGHGDMFHLAR + Oxidation (M)
<input checked="" type="checkbox"/>	270	479.0900	956.1654	955.5815	0.5840	0	18	65	1	LLLGGLSQR
<input checked="" type="checkbox"/>	582	512.7400	1535.1982	1533.8879	1.3103	0	18	61	1	TGAIVEVPVPGGLLGR
<input checked="" type="checkbox"/>	901	494.8000	1975.1709	1976.0612	-0.8903	2	18	68	1	AKSLVAAMTLEKINNTK + Oxidation (M)
<input checked="" type="checkbox"/>	373	557.2800	1112.5454	1113.5891	-1.0436	1	18	85	1	RAGVADEAVR

✓	644	570.4700	1708.3882	1706.8774	1.5108	2	18	59	1	KAAILEAGFRDNNQK + Oxidation (M)
✓	1126	611.8600	2443.4109	2442.1190	1.2919	1	18	58	1	AMLLMEGYKSMVDYILEMKNK + 4 Oxidation (M)
✓	676	887.9700	3547.8509	3546.7502	1.1007	1	18	1.7e+002	1	HCEYLAVIPMIGDVIWPLGWLDFAKNSQMK + Oxidation (M)
✓	413	594.7000	1187.3854	1187.7139	-0.3284	1	17	81	1	LLGVRGVFATR
✓	1105	463.8600	2314.2636	2315.2672	-1.0035	1	17	67	1	KAGLAPPSAPVLMDPGDVGPLGTVR + Oxidation (M)
✓	1167	682.9600	2727.8109	2728.2434	-0.4325	0	17	45	1	VYTAAEASFSDMDVVVYAQMIQK + 2 Oxidation (M)
✓	998	704.6800	2111.0182	2110.1059	0.9123	1	17	74	1	ALTISRAQYVATYGTPTVGDK
✓	550	494.9500	1481.8282	1481.7483	0.0799	1	17	86	1	QAMFRNMASSLVK
✓	959	675.9500	2024.8282	2025.1331	-0.3049	2	17	67	1	QTDLVVEVGRNTRVNVVK
✓	251	464.7600	1391.2582	1390.7278	0.5303	1	17	2.5e+002	1	GKAVALSNFPMEK
✓	441	612.9200	1835.7382	1833.8138	1.9244	1	17	2e+002	1	ENHKMLLDHYQGTK + 2 Oxidation (M)
✓	300	495.0700	988.1254	987.4807	0.6447	0	17	2.2e+002	1	SIMEISHR + Oxidation (M)
✓	301	495.1400	988.2654	988.5553	-0.2898	1	17	92	1	ENKIVASTK
✓	1068	744.9900	2231.9482	2230.1706	1.7776	1	17	68	1	GIIIERPFTLVDEDSQSRR
✓	601	785.9700	3139.8509	3140.6315	-0.7806	2	17	1.9e+002	1	HYLPTTPTTELKEVTKEEPLLSAPSSVK + Oxidation (M)
✓	548	737.3400	2208.9982	2207.1183	1.8799	0	17	2.2e+002	1	TLTYTAKPVGSGVSGSGSPTGTGR
✓	201	422.1100	1263.3082	1262.7346	0.5735	1	17	2.3e+002	1	AAFKALLSLSSR
✓	982	693.9700	2078.8882	2077.0527	1.8355	2	17	72	1	RGASTHSLYLIGDPKFCR
✓	765	619.0100	1854.0082	1851.9618	2.0464	0	17	85	1	TEPIISINDLSVYFNK
✓	886	656.6200	1966.8382	1966.9313	-0.0931	2	17	75	1	AAARQSGQSGSLEQMMSK + 2 Oxidation (M)
✓	923	498.7700	1991.0509	1989.9313	1.1196	1	17	84	1	LDDMQAGASERVDEVEK
✓	794	628.6200	1882.8382	1883.9476	-1.1095	0	17	82	1	DIIDNELVDVTPADSR
✓	896	657.2900	1968.8482	1968.9615	-0.1133	0	17	77	1	SNAAILAGCDKPIPVVEW
✓	890	656.6300	1966.8682	1965.9289	0.9393	0	17	79	1	AAGCSTLVFTVDMPTPGAR + Oxidation (M)
✓	999	531.6500	2122.5709	2122.0616	0.5093	0	17	60	1	EQLDSLICLESSIFEALR
✓	822	638.6700	1912.9882	1910.9091	2.0791	1	17	86	1	GGMGAPGMQSGSPGAPGLKGER
✓	842	643.7200	1928.1382	1928.8833	-0.7451	1	17	81	1	VSVPDADSARAMEICR + Oxidation (M)
✓	460	418.1700	1251.4882	1251.7047	-0.2166	2	17	89	1	DLRLARLAAGVFN
✓	777	625.9100	1874.7082	1874.7880	-0.0798	0	17	75	1	NMDYDELDEIVYNDK
✓	640	565.6800	1694.0182	1692.8604	1.1578	2	17	89	1	DLKDEISSLKSAEAK
✓	797	630.6900	1889.0482	1887.8529	1.1953	0	17	91	1	VSENFSCNITLMCSVK
✓	899	658.9200	1973.7382	1974.0330	-0.2948	1	17	69	1	AQCLLRHLHGNGHSLVSR
✓	1124	603.5300	2410.0909	2409.2104	0.8805	1	17	74	1	TDFIKLYDGDYINVTATYLGK
✓	1082	753.3500	2257.0282	2256.1208	0.9073	0	17	78	1	NLGSTNALFGIIQGSMYADLR + Oxidation (M)
✓	795	629.0500	1884.1282	1882.0775	2.0507	0	17	85	1	SLAEAVAPFVIASGGVSTLK
✓	828	639.9300	1916.7682	1916.9551	-0.1870	1	17	78	1	SNNSNRLAQVSEETAGTK
✓	1102	771.3200	2310.9382	2312.0896	-1.1514	0	17	67	1	GPNAIGMFGSGQSTINEGYAAAK
✓	702	600.9800	1799.9182	1799.9199	-0.0018	1	17	97	1	ELLADNPGLMASLRER + Oxidation (M)
✓	565	503.5300	1507.5682	1506.6483	0.9199	0	17	88	1	YEDTMLAAMFSGR + Oxidation (M)
✓	932	668.2900	2001.8482	2003.0436	-1.1954	1	17	83	1	NSLTIRSNFPLGSDNQIK
✓	340	351.3800	1051.1182	1049.5110	1.6072	1	17	77	1	ALMARSGCGK
✓	734	612.7700	1835.2882	1835.9790	-0.6908	1	17	73	1	VFKWMAPSILVVSQMR + Oxidation (M)
✓	335	524.8900	1047.7654	1047.5383	0.2272	1	17	1.1e+002	1	LREDIMSGK
✓	457	626.2400	1875.6982	1874.9738	0.7244	2	17	2.4e+002	1	RSGLIVEVEAYKGPDDK
✓	218	437.9800	1747.8909	1747.9403	-0.0494	1	16	3.1e+002	1	GKICLVQNSYGLLR
✓	256	467.7000	1400.0782	1399.7605	0.3177	1	16	3.1e+002	1	AACIKAALELANR
✓	887	656.6200	1966.8382	1967.9445	-1.1063	1	16	86	1	VQFSMPESDAVTMLKNR + Oxidation (M)
✓	674	589.8300	1766.4682	1764.8683	1.5999	0	16	76	1	LYGGEPANFLDIGGASK
✓	302	496.3400	990.6654	991.5161	-0.8506	0	16	1.3e+002	1	LFHTMLSK + Oxidation (M)
✓	386	568.5400	2270.1309	2270.0460	0.0849	1	16	2.6e+002	1	MKDTISTMSGWNVDVSQLR + Oxidation (M)
✓	632	837.8600	3347.4109	3345.6452	1.7657	1	16	2.2e+002	1	AETIEIVRESPLLDGLGGAGHFEPVWMSHGDK
✓	290	490.8500	1959.3709	1959.1305	0.2404	2	16	2.7e+002	1	IIIEIKPNFKTVGPRYK
✓	750	614.9100	1841.7082	1840.9977	0.7105	0	16	85	1	IAMAAPGMLVLPIMER + Oxidation (M)
✓	1150	642.9900	2567.9309	2567.3530	0.5779	1	16	63	1	FGPGAIVRETAPMLGEVDAQGLIR
✓	1141	631.7200	2522.8509	2522.2695	0.5814	1	16	63	1	MISVKVPASSANLAGGFDKCMGVALK
✓	902	494.8200	1975.2509	1974.1010	1.1499	2	16	83	1	QLGKGKHLVLTLPDNGER
✓	502	659.2300	1316.4454	1315.6271	0.8184	0	16	1e+002	1	AAFADMMFTLK + Oxidation (M)
✓	1017	429.9600	2144.7636	2145.0412	-0.2776	0	16	75	1	MSTASAFATNVPSFVNASSLK + Oxidation (M)
✓	657	435.9000	1739.5709	1738.8052	0.7657	1	16	82	1	VKMQQMGDVQDVLGK + 2 Oxidation (M)
✓	1000	355.5400	2127.1963	2128.1748	-0.9785	2	16	96	1	VTSGKAKCVLDCGLPGILLK
✓	727	608.5200	1822.5382	1820.9744	1.5637	0	16	82	1	GPQGQLEGNLLALAVDAAR
✓	317	505.7800	1514.3182	1514.8556	-0.5374	0	16	3e+002	1	IVSSTGALSLETEPK
✓	1073	560.3300	2237.2909	2237.0310	0.2599	1	16	90	1	YFYSNAEQVISGMKEAQEK + Oxidation (M)
✓	511	665.2900	1328.5654	1329.5945	-1.0290	0	16	2.9e+002	1	DMLMGPTYATAK + 2 Oxidation (M)
✓	833	641.6200	1921.8382	1921.9688	-0.1307	0	16	98	1	VVMMLAGPQPAHANAMLR + Oxidation (M)
✓	925	664.9200	1991.7382	1991.9959	-0.2578	1	16	82	1	MNTAGPAGKLGAHAASGPTQR
✓	527	688.1600	1374.3054	1373.7555	0.5500	1	16	2.5e+002	1	VINPDIVFDSKK
✓	1081	752.3300	2253.9682	2252.3150	1.6531	2	16	88	1	NIEVLRLMAIGAAALTLGVRR + Oxidation (M)
✓	507	663.1400	1324.2654	1323.7735	0.4919	2	16	2.4e+002	1	PKVGIAAQAGTR
✓	235	450.6500	1798.5709	1798.0716	0.4993	2	16	3e+002	1	KVLVIPAFQQIESAKK
✓	1107	773.3300	2316.9682	2317.2100	-0.2419	1	16	85	1	VTMGVGSKANHLTYLGDVIGSK
✓	503	659.6000	2634.3709	2633.3231	1.0478	2	16	2.8e+002	1	ASSTWGKPKTNSILGMPRAESSQK + Oxidation (M)
✓	642	568.5200	1702.5382	1700.9607	1.5775	2	16	92	1	LLGLMSEKRESLLGR
✓	282	487.0000	971.9854	972.4624	-0.4770	0	16	1.2e+002	1	NGANAADAANK
✓	592	517.9300	1550.7682	1551.6956	-0.9274	1	16	1.2e+002	1	CPGCQSGMKVSIR + Oxidation (M)
✓	911	661.9500	1982.8282	1983.9724	-1.1442	1	16	96	1	VTAAMEAVQKWESTHPTV
✓	367	553.8900	1105.7654	1103.6121	2.1534	2	16	3.1e+002	1	MEIGVARGKK + Oxidation (M)
✓	742	613.4900	1837.4482	1837.1077	0.3405	0	16	85	1	LFILNDVVLIAAPKPSK
✓	377	560.4800	1678.4182	1678.7686	-0.3504	0	16	2.9e+002	1	INSVEEFVEAADNDK
✓	813	477.5900	1906.3309	1906.8600	-0.5291	1	16	86	1	RGGFPGGNMGNMNNLMK + Oxidation (M)
✓	897	657.9400	1970.7982	1968.9840	1.8142	0	16	96	1	TVAVIGYSQGHAAHLNMK + Oxidation (M)

✓	655	864.2000	2589.5782	2590.3252	-0.7470	2	16	2.3e+002	1	GGLDINPYRSTEDVAFQNVRLAR
✓	692	899.9400	3595.7309	3596.6552	-0.9243	1	16	2.5e+002	1	NQLEGEISRGDWLICDADMDLIFNLPYDER
✓	889	656.6200	1966.8382	1965.1371	1.7011	1	16	1e+002	1	NALASLVSGVAQAQKPKNVK
✓	551	742.7000	2225.0782	2224.2579	0.8203	2	16	2.6e+002	1	KNPLNVGLDSSIILNSKVVK
✓	796	630.6600	1888.9582	1887.9803	0.9779	1	16	1.2e+002	1	SAPVSPVGSTSGNFGKLQR
✓	808	635.2700	1902.7882	1901.9557	0.8325	1	16	1e+002	1	NMYTFETTLKKAADR + Oxidation (M)
✓	849	644.9200	1931.7382	1930.0676	1.6706	1	16	95	1	AIFEIVLTRGWAQLADK
✓	1173	565.5700	2822.8136	2821.4089	1.4047	0	16	67	1	SGLQNATSIASMILTTECIIVDDIEK
✓	451	622.3900	2485.5309	2485.1730	0.3579	1	16	3.2e+002	1	ALDQLAIDCVPLQRWQGGMEGE
✓	677	595.2900	1782.8482	1780.8091	2.0391	0	16	1.2e+002	1	FSTPCFVVTSEDHQK
✓	910	661.9300	1982.7682	1982.0293	0.7389	2	16	93	1	AQAIQRQLEEEVERQR
✓	1177	574.6300	2868.1136	2868.3002	-0.1866	1	16	67	1	HPMAFMFPGGGARVCIGQNMALMEAK + 3 Oxidation (M)
✓	1133	623.2600	2489.0109	2489.2234	-0.2125	1	16	80	1	MTDTTAPAGAPAAAAGGARRPFFR
✓	1048	552.6800	2206.6909	2207.0389	-0.3480	2	16	82	1	GGQTRKQQLGSEGYHEMGTK + Oxidation (M)
✓	851	645.2600	1932.7582	1932.0026	0.7555	0	16	1e+002	1	IIGLKPEGEPIQCTSK
✓	246	462.5900	923.1654	921.4014	1.7640	0	16	92	1	ENPMYPR + Oxidation (M)
✓	837	642.0500	1923.1282	1921.9395	1.1887	2	16	1.1e+002	1	SGRGGFVKQDSTGSTPWR
✓	1036	545.4700	2177.8509	2178.1644	-0.3135	2	16	89	1	KKLNEIVETINHLEDAANK
✓	929	668.2100	2001.6082	2002.0120	-0.4038	1	15	89	1	VLSSSVGVGSDRYGLTVSR
✓	421	601.1200	2400.4509	2400.0984	0.3525	2	15	3e+002	1	LSESMARMHCSDEVQPKHVK + 2 Oxidation (M)
✓	444	619.3200	1854.9382	1855.9767	-1.0385	1	15	3.6e+002	1	NHRFPVFGMDVISIPK
✓	810	635.9400	1904.7982	1904.0553	0.7429	1	15	1.1e+002	1	LEKPSILSLFGRMIR + Oxidation (M)
✓	422	601.3300	1800.9682	1798.8818	2.0864	1	15	3.9e+002	1	NPLNTHARVMMGGELK + 2 Oxidation (M)
✓	518	449.0500	1344.1282	1342.6299	1.4982	0	15	1.1e+002	1	MGEHSSVQLAER
✓	1156	871.7000	2612.0782	2611.3678	0.7104	2	15	81	1	LQEELGNRTVESTAGGAVKVVANGR
✓	1142	633.2700	2529.0509	2529.2724	-0.2215	1	15	88	1	TTYATDFLINEHLAHRNGSTLR
✓	619	823.8400	1645.6654	1644.8907	0.7747	1	15	1.3e+002	1	STADTRPRATVITTR
✓	907	661.9200	1982.7382	1983.0789	-0.3407	2	15	95	1	EAARALGTPEIPAKFSTPK
✓	729	913.4300	1824.8454	1824.9774	-0.1319	1	15	1.3e+002	1	EAAYKIFLYPNAGQLK
✓	908	661.9300	1982.7682	1980.9482	1.8199	0	15	1e+002	1	HGAFWSYQLAPNPPGDPK
✓	1134	831.9600	2492.8582	2491.2278	1.6304	2	15	80	1	TVTYKHMPPAPVPQDRSPSPR + Oxidation (M)
✓	1022	539.8100	2155.2109	2154.9723	0.2386	0	15	1.2e+002	1	WAAAMAVGLQGTGVFVMMCK + 3 Oxidation (M)
✓	1072	559.5200	2234.0509	2233.0224	1.0285	2	15	1.1e+002	1	CMHCINTMPRALKIGDER + 2 Oxidation (M)
✓	955	675.2700	2022.7882	2022.0972	0.6910	1	15	1e+002	1	FPLSVSISKAGALPTMFTR
✓	197	418.1200	1251.3382	1251.7339	-0.3958	0	15	3.6e+002	1	WVIIDAPGLLR
✓	812	477.5800	1906.2909	1905.0155	1.2754	2	15	98	1	SGFLINPMDPIPRHR
✓	1123	600.3100	2397.2109	2395.2318	1.9791	1	15	1.1e+002	1	VMDALVQYITSGQINATRYPR
✓	872	650.5500	1948.6282	1947.9818	0.6464	1	15	98	1	LPRMLWHYFQDWLK + Oxidation (M)
✓	756	616.1400	1845.3982	1844.9560	0.4422	1	15	1e+002	1	YFLQTTPLDYEKVK
✓	957	675.5900	2023.7482	2023.0269	0.7212	2	15	1e+002	1	GVKGHSGMDGLKGQPGAQGVK + Oxidation (M)
✓	611	805.9800	2414.9182	2413.3151	1.6030	2	15	3e+002	1	LTDFPMTQRIKPLTQKEPVR + Oxidation (M)
✓	945	670.6200	2008.8382	2009.1680	-0.3298	2	15	1.1e+002	1	LLAAVRAAAAGGMTALQLRR
✓	357	540.1500	1078.2854	1077.5567	0.7287	0	15	1.3e+002	1	ITPATGPHER
✓	721	607.5400	1819.5982	1820.0057	-0.4075	1	15	1.1e+002	1	NILLVGSGGREHALAWK
✓	1136	418.1800	2503.0363	2503.3006	-0.2642	1	15	94	1	DIIREGDMFLLPGNTPHNPVR
✓	124	347.6700	693.3254	691.2959	2.0295	0	15	1.5e+002	1	DGTMPR + Oxidation (M)
✓	311	500.5200	1998.0509	1996.1391	1.9118	2	15	3.7e+002	1	EVAIMKHLPKSSSIVTLK + Oxidation (M)
✓	471	636.2800	2541.0909	2541.2679	-0.1770	1	15	3.8e+002	1	LEELAGAPMSCIGVPGPRDQTIVR + Oxidation (M)
✓	718	607.5300	1819.5682	1820.0196	-0.4514	2	15	1.1e+002	1	KVIFPVSEYKGAQKQ
✓	788	626.8800	1877.6182	1875.9798	1.6384	1	15	1e+002	1	TALSPQGSLLTSACKVML
✓	793	628.6100	1882.8082	1880.8323	1.9759	1	15	1.3e+002	1	DTRMTGTFPSSSGHTAEK + Oxidation (M)
✓	354	537.6200	1073.2254	1071.5461	1.6793	0	15	1.4e+002	1	LWGLGGGGEAR
✓	414	595.1900	1782.5482	1781.9597	0.5884	0	15	3.4e+002	1	VIIEDDVIGPNCVIK
✓	803	633.2400	1896.6982	1894.8996	1.7986	0	15	1.1e+002	1	SGHTNYDGYLALGCVIR
✓	773	621.9500	1862.8282	1863.9434	-1.1152	1	15	1.4e+002	1	LAEVESKLNIMESVMR + Oxidation (M)
✓	1015	1071.8600	3212.5582	3210.5664	1.9918	2	15	2.2e+002	1	AHPNWSMGFKISIGSASMFNKALEMIEAK + Oxidation (M)
✓	1085	756.6800	2267.0182	2267.0528	-0.0346	2	15	1.2e+002	1	FARAYGDMYELSTNTQEKK + Oxidation (M)
✓	912	992.4800	1982.9454	1983.0434	-0.0979	2	15	2.9e+002	1	AVVPMFSGMAFKNARTLK + Oxidation (M)
✓	1213	850.9900	3399.9309	3398.8014	1.1295	2	15	68	1	ALSVVRACVTVTDARVSLDPGVMTETLGTAINR + Oxidation (M)
✓	556	498.7400	1493.1982	1492.7675	0.4307	0	15	1.2e+002	1	GHNVTVFSGFSLVTK
✓	936	669.2300	2004.6682	2003.0397	1.6284	2	15	1e+002	1	IDDLGEKDFPIMEVKVR
✓	212	435.8300	1739.2909	1737.7749	1.5160	1	15	3.9e+002	1	CGHLFCSTCAKELR
✓	1096	767.6600	2299.9582	2301.0729	-1.1147	2	15	1.1e+002	1	RTSQNNMIAMTVKDEAEFGK + 2 Oxidation (M)
✓	131	353.5600	705.1054	703.3501	1.7554	0	15	4.5e+002	1	LDGASNK
✓	719	607.5400	1819.5982	1819.0091	0.5890	0	15	1.1e+002	1	TLVSTVIGFPAGATTSVAVK
✓	1128	614.4900	2453.9309	2453.2406	0.6903	1	15	92	1	ELVISIGDVSVCNCPSLRAEMHK
✓	738	613.1000	1836.2782	1835.9271	0.3510	2	15	1.1e+002	1	IASLERRISNSMSNSR + Oxidation (M)
✓	985	695.5800	2083.7182	2082.0633	1.6549	1	15	1e+002	1	QELNSFPQGLSSLFKDLK
✓	1090	758.9700	2273.8882	2274.1310	-0.2428	1	15	1e+002	1	VVMCSGGKDSYTLDDLILK + 2 Oxidation (M)
✓	715	607.5200	1819.5382	1817.8982	1.6400	1	15	1.1e+002	1	KAGCAELFVEGDNLAPK
✓	630	834.8800	1667.7454	1665.7515	1.9939	1	15	1.5e+002	1	EKMAATEQELSEER + Oxidation (M)
✓	1159	656.6400	2622.5309	2623.2920	-0.7611	2	15	98	1	IMPVGINMGRIQSVMYREEEGK
✓	459	417.8700	1250.5882	1248.6397	1.9485	1	15	1.6e+002	1	RFAAEGVLACR
✓	1203	536.1600	3210.9163	3211.4606	-0.5443	1	15	70	1	CAGHGCSCCKGEGWIELLAGMVHPNVLR + Oxidation (M)
✓	914	662.6000	1984.7782	1985.9438	-1.1656	0	15	1.2e+002	1	VEGALVAEADVGAMMTPEGQ
✓	1040	546.0300	2180.0909	2178.0562	2.0347	1	15	1.3e+002	1	MMRTEYTTITPHGGTLVDR
✓	293	491.6100	981.2054	979.4505	1.7549	2	15	3.9e+002	1	MSKDRDRG + Oxidation (M)
✓	318	506.1800	1515.5182	1514.9184	0.5997	0	15	3.7e+002	1	LSTQIKPILSIFR
✓	261	471.8700	941.7254	942.5498	-0.8244	0	15	1.5e+002	1	ILSGILGDR
✓	709	606.9100	1817.7082	1816.0418	1.6663	1	15	1.3e+002	1	LLAVTGNGKTTVTALTR
✓	1002	712.3000	2133.8782	2132.1955	1.6826	0	15	1.2e+002	1	FLDLSLPLLKPDGLVFAMK + Oxidation (M)

✓	1092	761.5200	2281.5382	2280.1613	1.3769	2	15	97	1	MADYWKDVLVPDYPVVKSR
✓	266	475.2600	948.5054	947.4858	1.0196	1	15	2e+002	1	GNEKVVMR + Oxidation (M)
✓	1155	647.1700	2584.6509	2583.3194	1.3315	2	15	93	1	HVEGSIKFGSLSTAQANWSPEARAK
✓	158	385.2600	768.5054	766.3973	2.1081	1	15	1.2e+002	1	GYGAGKSK
✓	286	488.9500	975.8854	976.4913	-0.6058	0	15	1.6e+002	1	HTMHPGGLK
✓	303	496.3400	990.6654	988.5012	2.1643	1	15	2e+002	1	KEHTVTMK + Oxidation (M)
✓	495	435.9100	1304.7082	1304.6724	0.0357	1	15	1.8e+002	1	NIKTYPDIGER
✓	374	559.7600	1117.5054	1115.6346	1.8709	2	15	2e+002	1	RASVAGRIMR
✓	425	603.0500	1806.1282	1804.8852	1.2430	0	15	4.1e+002	1	LNIPCFIVSGGPMEAGK + Oxidation (M)
✓	618	548.2400	1641.6982	1641.8766	-0.1785	1	14	1.6e+002	1	EKAVVIYNFGDFLK
✓	931	668.2900	2001.8482	2002.9670	-1.1188	0	14	1.4e+002	1	HEIQPGEELTISYVNMK + Oxidation (M)
✓	1013	714.6000	2140.7782	2141.0429	-0.2648	1	14	1.1e+002	1	DLLPEEFTHPGSPNGEFKK
✓	1094	458.8500	2289.2136	2289.1106	0.1030	0	14	1.3e+002	1	AFEAGVEDAFSYPGFVPAFIR
✓	1064	555.4800	2217.8909	2216.0354	1.8555	2	14	1.2e+002	1	DLLAPMARKFYDNSMSEGR + Oxidation (M)
✓	631	558.3100	1671.9082	1669.8577	2.0505	0	14	1.7e+002	1	GQPLGVGISGHPYFNK
✓	885	656.3600	1966.0582	1966.9708	-0.9126	0	14	1.5e+002	1	AEAARPAAELEAAAGLDGER
✓	836	481.7200	1922.8509	1922.9746	-0.1237	2	14	1.4e+002	1	CFVSYLRSVYLMKNK + Oxidation (M)
✓	980	689.3000	2064.8782	2063.0396	1.8386	1	14	1.3e+002	1	SLGNSVSFSGPSELRSVGQR
✓	639	564.7000	1691.0782	1689.9851	1.0931	1	14	1.4e+002	1	MNIIPRTSLIYILK + Oxidation (M)
✓	953	674.5800	2020.7182	2021.1269	-0.4087	1	14	1.1e+002	1	AERGILKPNEEVELVGIR
✓	1179	721.0300	2880.0909	2878.3782	1.7127	2	14	86	1	VEDRRGFGFMSPAIYDTAWVSMISK + Oxidation (M)
✓	202	424.4500	846.8854	846.4963	0.3891	2	14	1.7e+002	1	KKSPYPK
✓	308	499.2900	996.5654	997.6284	-1.0629	0	14	1.6e+002	1	LILNSLIGR
✓	714	607.5100	1819.5082	1820.0156	-0.5074	1	14	1.2e+002	1	LQINAGPLKGNVTVPDGD
✓	1018	537.5800	2146.2909	2145.1470	1.1439	1	14	1.3e+002	1	LFREQPILLSSQDPDFK
✓	873	650.5700	1948.6882	1948.9571	-0.2689	0	14	1.2e+002	1	YTGDISLLSPSPSFFYR
✓	903	659.5000	1975.4782	1975.0772	0.4009	1	14	1.2e+002	1	VLGGLGVAIISTSKGVMSDR + Oxidation (M)
✓	1062	554.5600	2214.2109	2212.2289	1.9820	2	14	1.4e+002	1	WASNIVVKIPMTEEGLKAVK
✓	673	589.8100	1766.4082	1764.8518	1.5563	1	14	1.2e+002	1	SFASSRHFMPFAAGPR
✓	622	552.8100	1655.4082	1653.8613	1.5468	2	14	1.3e+002	1	LEKEYEEFAKQLK
✓	53	549.8300	548.8227	548.3071	0.5156	0	14	1.6e+002	1	AFVGR
✓	784	626.2400	1875.6982	1875.8277	-0.1296	1	14	1.3e+002	1	TGDEMHTGMEAGPMLRK + Oxidation (M)
✓	356	539.6400	1077.2654	1076.4709	0.7945	0	14	1.5e+002	1	GYMADHLDR
✓	919	662.9600	1985.8582	1985.9728	-0.1146	0	14	1.5e+002	1	AETPDDADLILLNTCAVR
✓	608	801.7100	1601.4054	1601.7474	-0.3420	0	14	3.6e+002	1	HDIFFSEQSLHDK
✓	1025	719.9200	2156.7382	2157.1464	-0.4082	0	14	1.2e+002	1	GAVTALSEVGTQGLMLVAQGQK
✓	614	816.6100	2446.8082	2446.2204	0.5877	0	14	3.3e+002	1	LLMPALLCGALAAPGLAGTMCASR + 2 Oxidation (M)
✓	532	712.6700	2846.6509	2847.5105	-0.8596	2	14	3.8e+002	1	MRPYVFKSTSEGIHLINLAKTWEK
✓	60	563.7900	562.7827	562.3075	0.4753	0	14	1.7e+002	1	ISSTR
✓	1076	751.3500	2251.0282	2249.0344	1.9938	1	14	1.4e+002	1	CDPSEINISDEMPKTTVWK
✓	395	384.6300	1150.8682	1149.6254	1.2427	1	14	1.4e+002	1	LTLSYNRQR
✓	1078	563.9700	2251.8509	2251.1076	0.7433	1	14	1.2e+002	1	LPSSGEAAATPTMSMTVTVTKK + Oxidation (M)
✓	382	564.1900	1689.5482	1688.9070	0.6412	2	14	3.9e+002	1	ADTARAASAAPHPGTRK
✓	93	312.0600	1244.2109	1242.5155	1.6954	0	14	4.7e+002	1	QTGMGMGSTMAR + Oxidation (M)
✓	645	572.0600	1713.1582	1711.7545	1.4036	1	14	1.4e+002	1	WKEVGMSDSQMAEAK + Oxidation (M)
✓	506	662.2400	1983.6982	1983.0537	0.6444	2	14	3.8e+002	1	IYRNLYRAGSSIGAIKSK
✓	1112	585.1000	2336.3709	2335.1585	1.2124	1	14	1.3e+002	1	LREECQALMVELQMLLDTK + Oxidation (M)
✓	768	619.9900	1856.9482	1855.0026	1.9456	0	14	1.7e+002	1	LLWNAVGLPTAAMEVVR + Oxidation (M)
✓	762	927.4500	1852.8854	1853.9383	-1.0529	2	14	1.7e+002	1	AAEYIKENHERLEPR
✓	1127	614.1900	2452.7309	2453.2777	-0.5468	2	14	1.1e+002	1	YCFIQTPYLKVIKNEQGQPK
✓	605	792.5800	2374.7182	2374.1053	0.6129	2	14	3.3e+002	1	RADLHVCCGGIVGMGESRTQR + Oxidation (M)
✓	845	483.5100	1930.0109	1929.0216	0.9893	1	14	1.7e+002	1	IHSITGLPPAMQKVMYK + Oxidation (M)
✓	941	669.9600	2006.8582	2004.9794	1.8787	2	14	1.5e+002	1	KEIRMAEDEMPGLMALR + Oxidation (M)
✓	1026	719.9300	2156.7682	2157.2422	-0.4740	2	14	1.2e+002	1	LNALTKNLAKPAVFPFGKYR
✓	1145	637.2500	2544.9709	2544.3356	0.6353	2	14	1.1e+002	1	EVIIPEITIKELSIKMAEDSK + Oxidation (M)
✓	291	491.0300	980.0454	978.5498	1.4957	1	14	1.4e+002	1	AAAYAKSQLK
✓	994	701.3700	2101.0882	2099.9793	1.1089	2	14	1.6e+002	1	FLSSLKEQASSNDDMERK + Oxidation (M)
✓	604	790.4600	2368.3582	2368.1196	0.2385	0	14	4.2e+002	1	FIIDNHVSVQTDWTSQGER
✓	570	762.3300	1522.6454	1522.8004	-0.1550	1	14	1.8e+002	1	NHPAVLAVFEDRR
✓	210	431.9900	1723.9309	1723.9469	-0.0160	0	14	5.1e+002	1	SLTLLPAVDVADGQAVR
✓	817	636.7200	1907.1382	1905.0472	2.0910	2	14	1.6e+002	1	RLLIISAPDPNSRYYK
✓	1061	738.5900	2212.7482	2213.2783	-0.5301	1	14	1.2e+002	1	SALKQIVTYEAGKPIELVVR
✓	1157	654.7100	2614.8109	2615.2472	-0.4363	1	14	1e+002	1	DLYANTVLSGGSTMFGPIADRMRQ + Oxidation (M)
✓	499	657.2400	1312.4654	1311.5877	0.8777	0	14	1.7e+002	1	VMSTGQAYNADR
✓	320	338.8000	1013.3782	1012.4713	0.9069	0	14	2e+002	1	VEDPVPEQT
✓	736	612.7800	1835.3182	1835.9307	-0.6126	1	14	1.4e+002	1	MIGLRMLQMDAVLADK + 2 Oxidation (M)
✓	1225	620.6700	3717.9763	3717.7871	0.1893	0	14	84	1	GLSDILDNDPHDDGRPYDLEVSSPGVSRLTEPR
✓	321	510.6200	1019.2254	1018.5196	0.7059	0	14	1.8e+002	1	GHGGAEPGLK
✓	365	552.4000	1102.7854	1103.5757	-0.7903	1	14	2.1e+002	1	QMGTTVKSPR
✓	268	477.1200	952.2254	952.4502	-0.2247	0	14	1.4e+002	1	EFNLSESK
✓	488	434.9200	1301.7382	1301.6359	0.1022	0	14	2.2e+002	1	NTLMIIYGMK + 2 Oxidation (M)
✓	520	678.7200	1355.4254	1356.5479	-1.1224	0	14	1.6e+002	1	DDWIFGDAMCK
✓	233	449.7100	897.4054	896.5556	0.8499	2	14	1.8e+002	1	SRGVPIRL
✓	835	962.1100	1922.2054	1921.0269	1.1786	0	14	3.4e+002	1	NVSDQIHLITLANNELK
✓	1175	713.2700	2849.0509	2848.3095	0.7414	1	14	1e+002	1	CTTNMNRVWDCSWPAPLGVSPGTVK + Oxidation (M)
✓	472	636.9200	1907.7382	1905.9652	1.7730	2	14	4.7e+002	1	KLDQMRSVSIEPNVMK + 2 Oxidation (M)
✓	1095	765.1000	2292.2782	2291.1175	1.1606	2	14	1.6e+002	1	EAADVNRDGAINSSDMTILKR + Oxidation (M)
✓	905	660.2200	1977.6382	1978.1285	-0.4903	2	14	1.4e+002	1	ILASRMAYKAVELLISGK + Oxidation (M)
✓	585	770.7900	1539.5654	1537.8062	1.7593	0	14	1.7e+002	1	TIFTELQMLGLEK + Oxidation (M)
✓	843	965.5400	2893.5982	2892.5267	1.0715	1	14	3.8e+002	1	TVALVTDIAIVKTVAQMLFVDASGVDASR + Oxidation (M)
✓	751	615.7500	1844.2282	1842.7779	1.4502	0	14	1.5e+002	1	MGQWYIMIDICFGYK + 2 Oxidation (M)

✓	761	618.3600	1852.0582	1853.0008	-0.9427	1	14	1.8e+002	1	TLGGYLVEEPKLLMFK + Oxidation (M)
✓	1067	744.9800	2231.9182	2231.0852	0.8330	1	14	1.5e+002	1	HSSSPVSGTMDKPFVDLSTRK + Oxidation (M)
✓	1077	751.3600	2251.0582	2249.0126	2.0456	2	14	1.6e+002	1	MKEMLNRLSLDSMSGQSFEK + 2 Oxidation (M)
✓	493	652.6100	1954.8082	1952.8786	1.9296	1	14	4.7e+002	1	MAKSENSTTSTFSSFANK + Oxidation (M)
✓	854	647.1900	1938.5482	1939.0599	-0.5117	1	14	1.4e+002	1	RPGRGSAVELDAVVSTAVR
✓	983	520.9300	2079.6909	2078.1419	1.5490	2	14	1.3e+002	1	HVDTGMGLERLVAVLQGKR
✓	526	686.7400	1371.4654	1369.7024	1.7631	1	14	1.8e+002	1	GAPEDAPLIMRGK + Oxidation (M)
✓	428	604.6800	1207.3454	1207.6118	-0.2664	0	14	1.6e+002	1	ISIDSATLNMNK + Oxidation (M)
✓	461	418.1800	1251.5182	1252.6274	-1.1092	0	14	2e+002	1	TPSIWLAMYR + Oxidation (M)
✓	333	521.4200	1040.8254	1039.4757	1.3498	0	14	1.6e+002	1	NMANTQFSK
✓	960	676.0100	2025.0082	2026.0191	-1.0110	2	14	1.8e+002	1	DNEDSILQREIPARQSR
✓	497	656.5700	1311.1254	1310.6077	0.5177	1	14	1.6e+002	1	ERAHVMDFYK + Oxidation (M)
✓	1143	634.2900	2529.1309	2528.2216	0.9092	2	13	1.5e+002	1	KEISSMPNQYRFSVEGAIEEAK + Oxidation (M)
✓	171	786.3400	785.3327	784.4807	0.8520	0	13	2.6e+002	1	GGQLIVAK
✓	744	920.9100	1839.8054	1839.8001	0.0054	1	13	1.8e+002	1	ASMARHCAAMVGFMER + Oxidation (M)
✓	426	603.4900	1807.4482	1807.9178	-0.4697	0	13	4.6e+002	1	MPDYLVVLESANTIR + Oxidation (M)
✓	538	725.1700	2172.4882	2172.0378	0.4504	0	13	4.3e+002	1	ASTVMGMVGAGGIGFELMGSRLR + 2 Oxidation (M)
✓	455	625.7700	1249.5254	1250.7023	-1.1768	1	13	2.2e+002	1	FSPAKYLAVAGK
✓	972	683.9600	2048.8582	2048.9862	-0.1280	1	13	1.7e+002	1	ASESLDSVNESTDKALDR
✓	146	372.2800	742.5454	742.4225	0.1230	1	13	2.5e+002	1	EEKIPK
✓	805	634.6000	1900.7782	1900.0180	0.7602	1	13	1.7e+002	1	AHRPDAQPKPSWIR
✓	944	670.6100	2008.8082	2007.0637	1.7445	1	13	1.6e+002	1	IAQITNVSDTDYGKLTLR
✓	771	621.3400	1860.9982	1860.9482	0.0499	2	13	2e+002	1	TVRLYDNWIKDADPR
✓	814	477.5900	1906.3309	1906.0346	0.2963	0	13	1.5e+002	1	VQHSVPMLSIENTKPVTK
✓	976	685.5700	2053.6882	2052.9860	0.7022	1	13	1.4e+002	1	CPMIYVDPASGKVSADSLK + Oxidation (M)
✓	1038	545.7300	2178.8909	2180.0572	-1.1663	1	13	1.6e+002	1	KPKESFIAENEGMVTYGGK + Oxidation (M)
✓	196	417.3900	832.7654	833.4290	-0.6636	2	13	2.2e+002	1	GRGKGMR + Oxidation (M)
✓	1154	645.4600	2577.8109	2578.2486	-0.4377	2	13	1.2e+002	1	TAGNWFGMKAPELTDELKNDLR + Oxidation (M)
✓	332	520.9300	1039.8454	1038.5280	1.3174	1	13	1.6e+002	1	QQMVARYK + Oxidation (M)
✓	524	682.5400	1363.0654	1362.7064	0.3590	2	13	1.7e+002	1	EEKEMDLVKVK + Oxidation (M)
✓	921	663.8000	1988.3782	1986.9945	1.3836	1	13	1.5e+002	1	NETLVFSHNAVVMRDGK
✓	228	447.1100	892.2054	892.4403	-0.2348	0	13	2.1e+002	1	ITNNFER
✓	1132	621.2000	2480.7709	2479.3645	1.4063	1	13	1.3e+002	1	DRRPEIVNLLSILLDLSEEQK
✓	141	731.2000	730.1927	728.4181	1.7746	1	13	3.1e+002	1	KNGVPSK
✓	973	684.5500	2050.6282	2050.9850	-0.3568	1	13	1.4e+002	1	IIKGMEEGGGVLVMGCGSGK + Oxidation (M)
✓	512	333.6000	1330.3709	1328.5853	1.7856	0	13	1.9e+002	1	VTMDDMVHHTK + Oxidation (M)
✓	205	424.9600	847.9054	847.3970	0.5084	1	13	2.2e+002	1	DNMAGKR
✓	820	638.5600	1912.6582	1913.0656	-0.4074	2	13	1.6e+002	1	ELGLRVSSEPTPLLKMK + Oxidation (M)
✓	584	513.0400	1536.0982	1535.6960	0.4022	0	13	1.7e+002	1	GACEMLVQEIGGK + Oxidation (M)
✓	314	505.1700	1008.3254	1008.5352	-0.2098	0	13	2e+002	1	NPQSPLPTR
✓	359	543.6000	1085.1854	1084.5699	0.6155	0	13	1.9e+002	1	INMDGPIGR
✓	755	462.3200	1845.2509	1843.9938	1.2571	2	13	1.6e+002	1	AVVGTGGAEKRVQVAMVK + Oxidation (M)
✓	516	671.6200	1341.2254	1339.7823	1.4431	2	13	1.8e+002	1	EGLEETPKRVAK
✓	917	662.6400	1984.8982	1985.9476	-1.0495	1	13	2e+002	1	MTQSNHDKDDILTALAR
✓	1063	739.7400	2216.1982	2216.1008	0.0974	2	13	1.9e+002	1	AVVRANWKLGGIQDSCEK
✓	827	639.9100	1916.7082	1916.0190	0.6892	2	13	1.6e+002	1	TVTAIVSTLFYDKRMK + Oxidation (M)
✓	1079	751.9900	2252.9482	2251.1518	1.7963	1	13	1.7e+002	1	VSNIGIFDLKAQSDVQMGLVSK + Oxidation (M)
✓	281	972.7100	971.7027	969.5647	2.1380	0	13	2.6e+002	1	GPLSAWLK
✓	430	605.0600	1208.1054	1207.4784	0.6271	0	13	1.7e+002	1	MMDMNQEGFR
✓	436	610.2700	1218.5254	1216.7213	1.8042	2	13	6.2e+002	1	AKMIELSKLGK
✓	521	679.2300	1356.4454	1354.6993	1.7461	1	13	1.9e+002	1	ASTFRAINGGAYK
✓	1103	771.7600	2312.2582	2313.2726	-1.0144	2	13	1.8e+002	1	RGKGIIISSEMPELLGITDR + Oxidation (M)
✓	882	654.2700	1959.7882	1957.9852	1.8029	0	13	1.8e+002	1	ILETMPPTLLQAEAMER + Oxidation (M)
✓	1144	846.8500	2537.5282	2538.2925	-0.7643	2	13	1.4e+002	1	NKETAGQAAAAATEKAAEPAATEPLK
✓	1178	720.1800	2876.6909	2874.5313	2.1596	2	13	1.3e+002	1	FDELVEKTGLDQVAVMRAVLWLQSK
✓	1122	597.0800	2384.2909	2383.1995	1.0914	1	13	1.8e+002	1	VFKSYIGMGYHGTEVPVQIR + Oxidation (M)
✓	519	675.9400	2024.7982	2025.1218	-0.3237	2	13	5.3e+002	1	SATAQKAITVSKQTVDPHK
✓	620	550.2900	1647.8482	1648.8203	-0.9721	1	13	2.4e+002	1	RAILEGQDMSTTGVR + Oxidation (M)
✓	535	360.3900	1437.5309	1437.7207	-0.1899	0	13	2e+002	1	SGDTMVLVTAVAMK + Oxidation (M)
✓	494	652.7800	1303.5454	1303.6554	-0.1100	0	13	2.6e+002	1	TLNLGMNSVPSR + Oxidation (M)
✓	523	680.2600	2037.7582	2038.1283	-0.3701	2	13	5.1e+002	1	VVSGIASPKPKQDDAGRIAR
✓	341	526.8500	1051.6854	1049.4998	2.1857	0	13	2.2e+002	1	MPMSTLSQR
✓	767	619.9800	1856.9182	1856.0519	0.8662	2	13	2.2e+002	1	IAFNINIPKESVNKAOK
✓	1029	719.9600	2156.8582	2156.0208	0.8374	1	13	1.7e+002	1	VSGRVYACYETPDELELR
✓	224	442.1200	882.2254	881.4759	0.7495	0	13	1.7e+002	1	SVFINFR
✓	410	591.2200	1770.6382	1770.8505	-0.2123	1	13	5.4e+002	1	IMASNQEMLQHKDAR
✓	169	392.0800	782.1454	782.4399	-0.2944	0	13	1.5e+002	1	KPASPGAR
✓	324	514.0800	1026.1454	1024.5665	1.5789	0	13	1.8e+002	1	DLVLSVHSR
✓	740	919.2100	3672.8109	3672.7628	0.0481	0	13	4.3e+002	1	DMFIITTMATLFIIMSFMPNLFNDPENFSK + 2 Oxidation (M)
✓	993	701.3500	2101.0282	2098.9993	2.0288	1	13	2.1e+002	1	TVDFNNPSSCLEKFISNK
✓	529	462.3100	1383.9082	1383.5833	0.3249	1	13	2.3e+002	1	DMSKMLGGMGLGGD + Oxidation (M)
✓	595	780.3700	1558.7254	1559.6595	-0.9341	2	13	2.5e+002	1	DEDMKAMEERYK + Oxidation (M)
✓	1047	550.4600	2197.8109	2197.3418	0.4691	1	13	1.6e+002	1	AIVGIMAVISIIMLVRLVR + 2 Oxidation (M)
✓	505	661.2200	2640.8509	2639.4204	1.4305	0	13	5.1e+002	1	TALQDAGSIAALLITAIEVMIADIPAR + Oxidation (M)
✓	1023	719.9000	2156.6782	2157.1180	-0.4398	0	13	1.6e+002	1	TLWIGLDELQMMIPVTK
✓	388	570.1400	1138.2654	1136.6091	1.6564	1	13	1.8e+002	1	FGSIFRASPR
✓	1116	587.4200	2345.6509	2345.2591	0.3918	2	13	1.5e+002	1	SPQGTPTRIKVLSDVESGFSLK
✓	391	572.0500	1713.1282	1710.9855	2.1427	0	13	6.1e+002	1	HLLSASVVFPLMLLR + Oxidation (M)
✓	689	899.9000	1797.7854	1797.8176	-0.0322	2	13	2.2e+002	1	AHDEENNCKVGDVRV
✓	221	440.2000	878.3854	877.3963	0.9891	0	13	2.9e+002	1	DADMALAR + Oxidation (M)
✓	555	497.7600	1490.2582	1489.7671	0.4911	2	13	2e+002	1	ATVQEKAERMTAR

✓	1115	586.6400	2342.5309	2343.2144	-0.6835	2	13	1.5e+002	1	LIDDLLELLDWPEKVKSMQR + Oxidation (M)
✓	633	561.3400	1680.9982	1680.9246	0.0736	2	13	2.3e+002	1	NINWKQLPKRCK
✓	951	673.2800	2016.8182	2015.0245	1.7937	0	13	1.9e+002	1	SDPVGAVM Q DISVTKPIK + Oxidation (M)
✓	586	770.7900	1539.5654	1539.8005	-0.2350	1	13	2.1e+002	1	SLNDPVLNLEEVRR
✓	1165	673.0100	2688.0109	2688.3136	-0.3027	2	13	1.4e+002	1	AMRTEGEANAIEAASKNLNQIESNK
✓	89	310.2200	1236.8509	1236.6285	0.2224	0	13	9e+002	1	QLAGAMAYLGAR + Oxidation (M)
✓	754	616.0800	1845.2182	1845.1087	0.1094	2	13	1.9e+002	1	VATASIKGTIIRIFDLK
✓	353	537.4000	1609.1782	1608.9927	0.1855	2	13	6.5e+002	1	QRVSTLIDIKVLPK
✓	522	679.5300	1357.0454	1355.6681	1.3773	0	13	2.1e+002	1	VVLDGNLDSGPR
✓	650	858.6400	2572.8982	2571.2614	1.6368	1	13	4.6e+002	1	STTARV M ALGGALYVPEPMAYWR + 2 Oxidation (M)
✓	590	515.9500	1544.8282	1542.8300	1.9982	2	13	2.7e+002	1	SSPRIEQAKQMLR
✓	1039	545.9700	2179.8509	2178.0739	1.7770	2	13	1.8e+002	1	EELDWGGRTLTLETGK M AR + Oxidation (M)
✓	893	984.5500	1967.0854	1967.1051	-0.0196	2	13	4.8e+002	1	LERILSENTGQPLEKIK
✓	1147	640.1800	2556.6909	2556.0591	0.6318	2	13	1.5e+002	1	KREEGSD M EDEDMEELLNDTR + Oxidation (M)
✓	670	586.3500	1756.0282	1754.9097	1.1184	1	12	2.4e+002	1	GHGGGICTNKLKSLSNLK
✓	621	551.7000	1652.0782	1651.9733	0.1049	2	12	2.1e+002	1	KKNGTLLGGIATINPR
✓	748	921.4100	1840.8054	1839.9268	0.8787	1	12	2.3e+002	1	TAAYVDQGPISFRYP
✓	848	644.9100	1931.7082	1930.0087	1.6994	1	12	1.9e+002	1	AYYEGSIDLKEAFLIAK
✓	1129	619.8300	2475.2909	2475.3922	-0.1013	2	12	2e+002	1	DVVKQGRVILGATNPLNSAPGTIR
✓	452	622.8300	1243.6454	1242.6357	1.0098	0	12	3e+002	1	ETVQPFNVGPR
✓	1030	720.5800	2158.7182	2159.1530	-0.4348	2	12	1.7e+002	1	TMQMPGFRPGKVPLSMVRK
✓	309	499.3000	996.5854	994.5560	2.0295	0	12	2.5e+002	1	INHSLVNAK
✓	962	508.3200	2029.2509	2027.9470	1.3039	0	12	2e+002	1	ATLNNVMVSTGTSEADFQK + Oxidation (M)
✓	226	445.0900	888.1654	887.4825	0.6830	1	12	2.9e+002	1	GDVSNLRK
✓	583	512.7800	1535.3182	1533.7497	1.5685	1	12	2e+002	1	DHLKCLLEEYSK
✓	329	517.9800	1033.9454	1033.5841	0.3613	2	12	2.4e+002	1	IE M EKLKK + Oxidation (M)
✓	785	626.2700	1875.7882	1875.9771	-0.1889	2	12	2.3e+002	1	MANQVSNVINS M RLKR + Oxidation (M)
✓	956	675.3000	2022.8782	2022.1361	0.7421	0	12	2.2e+002	1	TIQDLLLGGNNPISVELVK
✓	643	853.1800	3408.6909	3408.5980	0.0929	2	12	5.2e+002	1	RGDGT P HPHYCYTGDGV M KNASLYTSVLP H TR + Oxidation (M)
✓	920	663.5900	1987.7482	1986.9867	0.7615	1	12	1.9e+002	1	GGGPSILVLD M CGCGGGDLGK
✓	635	562.9600	1685.8582	1683.9705	1.8877	1	12	2.7e+002	1	LLIGIAEKSQCLALR
✓	935	668.6200	2002.8382	2001.0426	1.7956	2	12	2.2e+002	1	KRIGVLTSGGDSP M NAAVR + Oxidation (M)
✓	1020	537.6800	2146.6909	2146.0953	0.5956	2	12	1.8e+002	1	WRTVLSGR T THEQSL M TK + Oxidation (M)
✓	720	607.5400	1819.5982	1819.8193	-0.2211	0	12	2e+002	1	M AVSGDDCVVRPIDD R + Oxidation (M)
✓	609	803.3600	1604.7054	1603.8491	0.8563	0	12	6.1e+002	1	VLTAVDSAV M VIDGAK + Oxidation (M)
✓	1119	788.0000	2360.9782	2361.2086	-0.2304	1	12	1.9e+002	1	M VQL T TFCKAYHGGH L TR + Oxidation (M)
✓	948	671.3000	2010.8782	2011.1353	-0.2572	1	12	2.3e+002	1	LTELAVEARFIDIPSILPK
✓	349	534.1700	1066.3254	1064.5390	1.7865	0	12	2.2e+002	1	DIGYEILDK
✓	164	778.1800	777.1727	775.3647	1.8081	0	12	3e+002	1	GGGEV M AR
✓	988	700.2700	2097.7882	2096.1385	1.6497	2	12	1.9e+002	1	AVQNAVR M GQAGIRVNLAGR + Oxidation (M)
✓	542	729.9600	2186.8582	2185.0725	1.7857	1	12	6.3e+002	1	LVEGPPSPKEE P MTG F QQA K + Oxidation (M)
✓	745	614.4000	1840.1782	1839.0076	1.1705	2	12	2.1e+002	1	KYIFDL S VKPSQRMK
✓	949	671.5800	2011.7182	2009.9589	1.7593	2	12	1.9e+002	1	GTGQPRQKTNTAG M DTFGK + Oxidation (M)
✓	371	555.1900	1108.3654	1107.6362	0.7293	1	12	2.5e+002	1	IP T K M VVLK + Oxidation (M)
✓	447	620.3100	1238.6054	1237.6965	0.9090	0	12	2.8e+002	1	RPIGPLVEAMR
✓	1098	768.6500	2302.9282	2303.1566	-0.2284	1	12	1.9e+002	1	ASELNLDISKA E IMDPETSLK
✓	276	483.5300	965.0454	964.4535	0.5919	0	12	2.2e+002	1	ASLEA M AEK + Oxidation (M)
✓	431	606.2200	1210.4254	1208.5958	1.8296	1	12	2.4e+002	1	KETLES M VEK + Oxidation (M)
✓	1137	837.6900	2510.0482	2510.2596	-0.2115	1	12	1.9e+002	1	AGHPKNI V MLTCD A FV M PP I AR + Oxidation (M)
✓	248	463.3500	924.6854	925.4658	-0.7803	0	12	2.2e+002	1	FFASIGER
✓	547	490.9300	1469.7682	1469.7081	0.0601	0	12	3e+002	1	SMWATV A ML A MVK + 2 Oxidation (M)
✓	790	626.9400	1877.7982	1877.0193	0.7789	0	12	2.4e+002	1	VILQQQNHTLCLPLGSK
✓	821	638.5800	1912.7182	1911.9287	0.7895	0	12	2.1e+002	1	ATQQGSPTSTSGAVSPPPSR
✓	974	684.6200	2050.8382	2051.1714	-0.3332	2	12	2.2e+002	1	LAAAKLPMQT V FVIRHLGS
✓	401	582.9800	1163.9454	1163.6009	0.3446	0	12	2.4e+002	1	GYIQMTPLNK
✓	1083	753.6900	2258.0482	2258.1001	-0.0519	1	12	2.3e+002	1	SLPDAKNT M NYLFQLASSSR + Oxidation (M)
✓	358	543.1800	1084.3454	1085.5427	-1.1972	0	12	2.5e+002	1	M VSDLP P PSK + Oxidation (M)
✓	680	597.4800	1789.4182	1788.8651	0.5531	0	12	2.2e+002	1	EHGVPLAAVYQ M V M GR + 2 Oxidation (M)
✓	409	590.7300	1179.4454	1177.4422	2.0032	1	12	2.8e+002	1	MRD M M G M MK + 3 Oxidation (M)
✓	476	640.6200	1279.2254	1278.6060	0.6194	1	12	2.3e+002	1	KMDLGCSNNLK
✓	515	669.4600	2005.3582	2005.2299	0.1282	1	12	6.2e+002	1	SVRGATVGPDLAVLALIITK
✓	587	771.9100	1541.8054	1539.8845	1.9210	2	12	6.7e+002	1	VSTRSPKKPNSALR
✓	458	626.2700	1250.5254	1250.6151	-0.0897	0	12	3e+002	1	FTDMIPMGLAR
✓	578	510.7300	1529.1682	1529.7773	-0.6091	1	12	2.3e+002	1	HASQNAIFDLMKR
✓	648	572.1200	1713.3382	1712.8477	0.4904	0	12	2.2e+002	1	STIGGGIMFLTG M V D K + Oxidation (M)
✓	1037	545.4900	2177.9309	2176.1344	1.7965	2	12	2.3e+002	1	SLSIMEPIRVSEVKVNG M R + 2 Oxidation (M)
✓	1087	756.9800	2267.9182	2269.1022	-1.1840	1	12	2.1e+002	1	KLGHGPLQD V APADAHNDMR
✓	846	644.9100	1931.7082	1931.9854	-0.2772	1	12	2.2e+002	1	WHKLVDAAHEGVSV E GK
✓	347	532.2400	1062.4654	1060.5778	1.8877	1	12	3.5e+002	1	QRIDN F LR
✓	564	754.0300	2259.0682	2259.1351	-0.0670	0	12	6.3e+002	1	QLEHLVSTTTIS M AGVAGCLR + Oxidation (M)
✓	967	680.9200	2039.7382	2040.0674	-0.3292	2	12	2e+002	1	TSRIGRFITTESVGLMEK + Oxidation (M)
✓	930	668.2800	2001.8182	2001.1180	0.7002	1	12	2.4e+002	1	GSEAAALAALE M INILKTIK + Oxidation (M)
✓	438	610.5300	1219.0454	1218.7700	0.2755	2	12	2.6e+002	1	KTKFSLIGVVK
✓	328	517.6000	1033.1854	1032.4910	0.6945	0	12	2.8e+002	1	MQEAGDALAK
✓	536	720.5000	2877.9709	2877.4984	0.4725	2	12	6e+002	1	ISKDSP T QNIAPT I QSEFHKITHSAK
✓	807	635.2600	1902.7582	1901.7455	1.0127	1	12	2.4e+002	1	QDERICFAGDD M CANR + Oxidation (M)
✓	501	657.9200	2627.6509	2626.3980	1.2529	2	12	7.2e+002	1	QIQPSSVDLR L SGNSFLHFKVEGR
✓	636	563.7300	1688.1682	1687.8392	0.3290	1	12	2.4e+002	1	M PGGKL F NTAFS F QK + Oxidation (M)
✓	818	638.5500	1912.6282	1911.9288	0.6994	0	12	2.1e+002	1	FIGESNIVDGI L MLDD F K
✓	831	640.6200	1918.8382	1917.9427	0.8954	0	12	2.6e+002	1	ECGIDSVLIAD M PLIEK + Oxidation (M)
✓	752	615.7900	1844.3482	1842.9660	1.3822	2	12	2.2e+002	1	RLQEDLR T TTSDRPR

<input checked="" type="checkbox"/>	947	671.3000	2010.8782	2012.0650	-1.1869	1	12	2.5e+002	1	LKLPGSNGAISLDSSNGGGLR
<input checked="" type="checkbox"/>	1152	644.5100	2574.0109	2574.2602	-0.2493	0	12	1.8e+002	1	LVPFSSPRPPGDPGGEPLTEDGEK
<input checked="" type="checkbox"/>	776	625.0100	1872.0082	1869.9108	2.0973	0	12	2.9e+002	1	SDELDLIFQSYTNAVR
<input checked="" type="checkbox"/>	880	653.6000	1957.7782	1957.9832	-0.2051	2	12	2.3e+002	1	KMDLLIDFHHQFKR + Oxidation (M)
<input checked="" type="checkbox"/>	1207	663.4700	3312.3136	3312.6992	-0.3856	1	12	1.3e+002	1	VAGVMVANATLHNMDEVARLGVMIGDTVIIR + 3 Oxidation (M)
<input checked="" type="checkbox"/>	1166	545.5400	2722.6636	2722.4781	0.1855	1	12	1.7e+002	1	QKNILHCWISWLFSDIVIPVVR
<input checked="" type="checkbox"/>	252	466.1900	930.3654	931.4610	-1.0956	2	12	4.2e+002	1	KKNLGEDE
<input checked="" type="checkbox"/>	485	648.6000	2590.3709	2588.3268	2.0441	1	12	7.1e+002	1	EAVVFGDATAHAASITKILSGEMGIR + Oxidation (M)
<input checked="" type="checkbox"/>	638	564.2700	1689.7882	1690.7542	-0.9660	1	12	3.1e+002	1	TGSEPSQKTATYMMK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	928	667.8800	2000.6182	1999.9745	0.6437	0	12	2.1e+002	1	NAAEAAAAEQGVPRPMAITR + Oxidation (M)
<input checked="" type="checkbox"/>	448	620.3200	1238.6254	1238.6255	-0.0001	1	12	3.2e+002	1	TPPKTANPNGDK
<input checked="" type="checkbox"/>	829	640.5500	1918.6282	1917.0394	1.5888	2	12	2.2e+002	1	YVTKILDECKGLTHLK
<input checked="" type="checkbox"/>	772	621.6400	1861.8982	1862.8754	-0.9772	0	12	3e+002	1	GDVVMNTADLDDQVLMK
<input checked="" type="checkbox"/>	1093	762.0200	2283.0382	2281.0865	1.9517	2	12	2.5e+002	1	KAVNKCCLDNNCGLTTADMK + Oxidation (M)
<input checked="" type="checkbox"/>	726	608.1700	1821.4882	1819.9792	1.5090	2	12	2.3e+002	1	GREFTTEILATTKADLR
<input checked="" type="checkbox"/>	728	608.6000	1822.7782	1821.8066	0.9716	0	12	2.8e+002	1	FEQFGEMMVQLYER + Oxidation (M)
<input checked="" type="checkbox"/>	1045	732.2700	2193.7882	2194.9801	-1.1919	0	12	2e+002	1	ANNMTYTPVNIADDAEGQQK + Oxidation (M)
<input checked="" type="checkbox"/>	610	803.6100	1605.2054	1604.8192	0.3862	1	12	5.9e+002	1	LLQATGTVDERQMK + Oxidation (M)
<input checked="" type="checkbox"/>	775	623.1700	1866.4882	1865.9999	0.4882	1	12	2.2e+002	1	YTGSPVNIISGAYLGKLAR
<input checked="" type="checkbox"/>	419	599.7000	1197.3854	1197.6618	-0.2764	0	12	2.7e+002	1	HLEHTVPVPLR
<input checked="" type="checkbox"/>	366	552.6300	1654.8682	1652.7617	2.1065	0	12	8.1e+002	1	EFGFPVVDQAQGATR
<input checked="" type="checkbox"/>	257	468.7600	935.5054	934.4144	1.0910	0	12	3.7e+002	1	HSGAESGYK
<input checked="" type="checkbox"/>	1075	750.3200	2247.9382	2249.0674	-1.1293	0	12	2.4e+002	1	MTALPPFVAEEPDFTAETGR
<input checked="" type="checkbox"/>	342	526.8700	1051.7254	1049.5730	2.1524	1	12	2.9e+002	1	LTHRDVGPR
<input checked="" type="checkbox"/>	351	534.2300	1066.4454	1064.5502	1.8952	1	12	3.1e+002	1	VKIYDGDQK
<input checked="" type="checkbox"/>	764	927.9000	1853.7854	1853.9127	-0.1273	2	12	2.8e+002	1	AEKYSQLRSMIPEMR + Oxidation (M)
<input checked="" type="checkbox"/>	987	697.4600	2089.3582	2088.1190	1.2392	2	12	2.2e+002	1	NWAMLTILEVGKLDNRK + Oxidation (M)
<input checked="" type="checkbox"/>	1044	731.9400	2192.7982	2192.9395	-0.1413	0	12	2.1e+002	1	TSEVLDCWFESGSMYPASK
<input checked="" type="checkbox"/>	295	491.9100	981.8054	981.4767	0.3287	0	12	2.3e+002	1	DGSASTGLFK
<input checked="" type="checkbox"/>	344	528.2300	2108.8909	2107.9811	0.9098	0	11	8.8e+002	1	DGNLIEDFVFDGGVGDIGNR
<input checked="" type="checkbox"/>	1121	791.3700	2371.0882	2369.2705	1.8177	2	11	2.6e+002	1	FMPVNIILELIFSKEYAKTLDPK + Oxidation (M)
<input checked="" type="checkbox"/>	149	751.5000	750.4927	748.4119	2.0808	0	11	3.5e+002	1	APFSSLK
<input checked="" type="checkbox"/>	683	898.1600	1794.3054	1794.9040	-0.5985	0	11	2.4e+002	1	STLDFLPLTVFEFER
<input checked="" type="checkbox"/>	708	909.8600	1817.7054	1818.0336	-0.3282	2	11	2.7e+002	1	NVGGHVRLITKESRPR
<input checked="" type="checkbox"/>	478	642.1800	1282.3454	1280.7088	1.6366	0	11	6.6e+002	1	EPAQVVDLAALR
<input checked="" type="checkbox"/>	946	670.9800	2009.9182	2011.1116	-1.1934	2	11	2.8e+002	1	GFLVVQGDPRELRLWAR
<input checked="" type="checkbox"/>	809	635.9200	1904.7382	1902.8742	1.8640	0	11	2.6e+002	1	SSGVPTQASVMADAGAPGER + Oxidation (M)
<input checked="" type="checkbox"/>	1100	462.3600	2306.7636	2305.0646	1.6990	1	11	2e+002	1	DALFENMPYEDFMKVLSPK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	1188	745.4200	2977.6509	2977.4531	0.1978	2	11	2e+002	1	SVKWLDISINVAEESQGFFMQKDYK + Oxidation (M)
<input checked="" type="checkbox"/>	666	584.3300	1749.9682	1748.9091	1.0591	2	11	3.3e+002	1	KIRTLTMTQDEIR + Oxidation (M)
<input checked="" type="checkbox"/>	396	577.4800	1152.9454	1151.4765	1.4690	0	11	2.5e+002	1	DQDSIDMANK + Oxidation (M)
<input checked="" type="checkbox"/>	376	559.8200	1117.6254	1117.6131	0.0123	0	11	4.1e+002	1	IPELSSFVAR
<input checked="" type="checkbox"/>	312	501.9900	2003.9309	2005.0514	-1.1205	1	11	9.9e+002	1	ILMASADTLKSTGQDVALR + Oxidation (M)
<input checked="" type="checkbox"/>	1201	792.6000	3166.3709	3167.2658	-0.8949	0	11	1.7e+002	1	LDQCMVCTVCGDCTGYGASCVSRRPDR
<input checked="" type="checkbox"/>	566	503.5300	1507.5682	1506.7534	0.8148	2	11	3e+002	1	MGVKNKDQIKMESK
<input checked="" type="checkbox"/>	663	873.6800	1745.3454	1743.9301	1.4153	1	11	6.3e+002	1	ITVNSMEAAARTVPAIR + Oxidation (M)
<input checked="" type="checkbox"/>	1228	656.6300	3933.7363	3933.9431	-0.2068	2	11	1.2e+002	1	YQAPNYEARGVLSRVMEALHLESLDRPLADDAR + Oxidation (I)
<input checked="" type="checkbox"/>	264	474.6500	947.2854	946.4971	0.7883	0	11	3.8e+002	1	IETENITK
<input checked="" type="checkbox"/>	970	682.6300	2044.8682	2045.0331	-0.1649	1	11	2.8e+002	1	GQAGFGPGPGSPGLPGPKGEPGK
<input checked="" type="checkbox"/>	712	910.4300	1818.8454	1818.7665	0.0790	2	11	3.3e+002	1	YDDTNRMMDKDYPR
<input checked="" type="checkbox"/>	1146	853.1400	2556.3982	2555.3128	1.0854	2	11	2.5e+002	1	VETESMPDFKRLNGLMIGFVIK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	496	656.4300	1310.8454	1311.6493	-0.8038	1	11	3.3e+002	1	SGLTKAMNEAFK + Oxidation (M)
<input checked="" type="checkbox"/>	853	645.7100	1934.1082	1932.0428	2.0653	2	11	3.1e+002	1	REALRTALDLVYDLER
<input checked="" type="checkbox"/>	975	685.2600	2052.7582	2051.0171	1.7411	1	11	2.4e+002	1	NSAATLVRTDTSYLDAPK
<input checked="" type="checkbox"/>	370	555.0300	2216.0909	2215.1518	0.9391	2	11	8.7e+002	1	LGEDPELAKRLDAMAGSIVSK + Oxidation (M)
<input checked="" type="checkbox"/>	558	751.7700	2252.2882	2253.0412	-0.7531	1	11	7.3e+002	1	NGYFFSFEGPEGAGKTTMIGK + Oxidation (M)
<input checked="" type="checkbox"/>	579	765.7800	1529.5454	1527.8045	1.7409	0	11	3e+002	1	TAHIALVLVYADGER
<input checked="" type="checkbox"/>	1019	537.6500	2146.5709	2145.9095	0.6613	1	11	2.3e+002	1	EPFEDGSCASAMSPNTRFK + Oxidation (M)
<input checked="" type="checkbox"/>	675	591.1300	1770.3682	1770.8433	-0.4751	1	11	2.5e+002	1	MHLGMLGVFNDSYK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	319	507.1400	2024.5309	2024.9698	-0.4389	1	11	7.9e+002	1	SNRISCVGNDSFTGLGSSVR
<input checked="" type="checkbox"/>	834	481.5000	1921.9709	1921.9785	-0.0076	0	11	3.2e+002	1	EAEALNPQASYNNVALLK
<input checked="" type="checkbox"/>	534	479.6300	1435.8682	1436.6056	-0.7374	0	11	3.6e+002	1	DAIDTPFTDGDDR
<input checked="" type="checkbox"/>	617	546.1800	1635.5182	1634.9066	0.6116	1	11	2.7e+002	1	VVKMNFATAVDIASK
<input checked="" type="checkbox"/>	977	686.9500	2057.8282	2055.9731	1.8551	2	11	2.6e+002	1	KMFHTNRFSGISMSGSNAR + Oxidation (M)
<input checked="" type="checkbox"/>	594	778.6400	3110.5309	3109.3045	1.2264	2	11	7.2e+002	1	MFCYQCEQTDRGTGARPGCASAKNGCGK
<input checked="" type="checkbox"/>	1028	719.9400	2156.7982	2155.1030	1.6952	2	11	2.4e+002	1	LRELRYLMFDCLAINGR + Oxidation (M)
<input checked="" type="checkbox"/>	1190	748.2800	2989.0909	2989.3525	-0.2616	2	11	1.7e+002	1	QSYGGSILNYSFNNPKMEHGRNSYR
<input checked="" type="checkbox"/>	875	652.2200	1953.6382	1951.9673	1.6709	1	11	2.5e+002	1	EDKLFNCSLETIGALS
<input checked="" type="checkbox"/>	1140	631.6300	2522.4909	2522.2291	0.2618	1	11	2.4e+002	1	LVPSCVMVRMVSNGTEATLSAVR + Oxidation (M)
<input checked="" type="checkbox"/>	242	458.8400	915.6654	914.5338	1.1317	0	11	4.7e+002	1	AILGAAPPR
<input checked="" type="checkbox"/>	1164	891.6700	2671.9882	2671.1888	0.7994	2	11	2e+002	1	SGGCGCDTSTTTEMDEKLQERIAK
<input checked="" type="checkbox"/>	249	463.8500	925.6854	926.5298	-0.8443	1	11	2.9e+002	1	RADTPVLR
<input checked="" type="checkbox"/>	904	989.3300	3953.2909	3951.9321	1.3588	1	11	5.5e+002	1	DTILNLMIAGRDRTAEALSWSWHMLTKPEVYSR + Oxidation (I)
<input checked="" type="checkbox"/>	368	553.8900	1105.7654	1104.4836	1.2819	0	11	3.9e+002	1	GPABESSWR
<input checked="" type="checkbox"/>	539	725.5800	2898.2909	2897.6751	0.6158	1	11	7.5e+002	1	MIPLTHYLILSGVLFAIGLMGVIVRR + Oxidation (M)
<input checked="" type="checkbox"/>	791	471.6500	1882.5709	1880.9843	1.5866	1	11	2.6e+002	1	TVENVEEKLISINEHLK
<input checked="" type="checkbox"/>	1185	594.6200	2968.0636	2967.4787	0.5849	1	11	1.8e+002	1	VGLDWLGIEYDVTKNTSDMDLLLSK + Oxidation (M)
<input checked="" type="checkbox"/>	672	883.8500	1765.6854	1765.9298	-0.2443	0	11	6.9e+002	1	GLSVVGASMWQILHPR + Oxidation (M)
<input checked="" type="checkbox"/>	637	845.3600	1688.7054	1689.7776	-1.0721	0	11	3.5e+002	1	LQMSIMVTMENFSK + 2 Oxidation (M)
<input checked="" type="checkbox"/>	543	730.5900	2188.7482	2189.1411	-0.3929	1	11	7.8e+002	1	KMGIPVVGVENMSVFCPK
<input checked="" type="checkbox"/>	1195	614.9200	3069.5636	3069.3846	0.1790	1	11	2.3e+002	1	AYGVHSGTANANFASATRNATMDLQADEGGK + Oxidation (M)

✓	443	618.8200	1235.6254	1234.5830	1.0425	1	11	3.9e+002	1	EADWVKSTGDK
✓	792	628.5500	1882.6282	1880.7566	1.8716	0	11	2.7e+002	1	EAPLPFPPGGGGMGGMGDMDF + Oxidation (M)
✓	629	556.4900	1666.4482	1664.7610	1.6872	1	11	2.8e+002	1	RQQAMPSTGMAEQSK + Oxidation (M)
✓	372	555.3300	1662.9682	1660.9069	2.0612	2	11	1.1e+003	1	LDIKCDLKTLSDLK
✓	723	607.5400	1819.5982	1819.0203	0.5778	0	11	2.8e+002	1	VIAPGSSLPSTSLTIPNPR
✓	1074	1121.2700	4481.0509	4481.3848	-0.3339	2	11	5.5e+002	1	MNVTLQSAKMIGAGLATIGLTGVGAGVGIVFGSLVMAYARNPSLK +
✓	1202	640.6200	3198.0636	3196.6775	1.3861	2	11	1.7e+002	1	FLIGQVMKASRGQANPQAVQQAELQELAR + Oxidation (M)
✓	166	390.9400	779.8654	779.4211	0.4444	1	11	2.9e+002	1	MSSSKIK
✓	603	527.1400	1578.3982	1576.8573	1.5409	1	11	2.9e+002	1	NSLNSNSVVLFOKK
✓	1011	713.6300	2137.8682	2135.9802	1.8880	2	11	2.8e+002	1	QLKEMSCSLRYQGDMAFK + 2 Oxidation (M)
✓	852	645.2600	1932.7582	1932.8926	-0.1344	1	11	3e+002	1	NNGTVLVRATDDWDSDR
✓	874	975.9300	2924.7682	2924.3929	0.3752	1	11	6.7e+002	1	MGEMQAKLETVEAGSAGAGMVTVTTLNGK + Oxidation (M)
✓	1163	666.2600	2661.0109	2661.3679	-0.3570	0	11	2.2e+002	1	IWTGGMSFHGGLLVIAALWVFSR
✓	269	477.1400	952.2654	950.4491	1.8163	0	11	3.1e+002	1	MTVSGSPTR + Oxidation (M)
✓	1005	712.9000	2135.6782	2136.0350	-0.3568	0	11	2.5e+002	1	GSWMAGYTLITEFVGLGYR + Oxidation (M)
✓	182	397.8500	793.6854	792.3185	1.3670	0	11	3.1e+002	1	DGGGAGGMR + Oxidation (M)
✓	407	588.3200	1174.6254	1175.6146	-0.9892	1	11	4.7e+002	1	LATEVGKSTDR
✓	1120	788.7900	2363.3482	2364.1903	-0.8421	0	11	3e+002	1	LLTHHLGSAGYFPVTFYEQGK
✓	743	614.0700	1839.1882	1837.8218	1.3664	0	11	3e+002	1	AVVEGGDIEEATYTDGDK
✓	456	625.9500	1249.8854	1250.7347	-0.8492	0	11	9.4e+002	1	SPSRPLPIGSIK
✓	992	701.3500	2101.0282	2099.1422	1.8860	1	11	3.4e+002	1	TAPAGEAPCGPRPARLLPLR
✓	241	914.5700	913.5627	913.4909	0.0718	0	11	4.7e+002	1	GLTYSVFK
✓	439	610.8700	1219.7254	1217.5710	2.1544	0	11	4.4e+002	1	VETNMPELNR + Oxidation (M)
✓	442	613.4900	1224.9654	1225.5730	-0.6075	2	11	3e+002	1	MDGMRGLKMR + 2 Oxidation (M)
✓	55	555.8500	554.8427	555.3129	-0.4702	0	11	1.6e+002	1	QGPVR
✓	613	540.1600	1617.4582	1615.9145	1.5437	0	11	3.1e+002	1	LQSVAGGVGLTVLSTSK
✓	838	642.0500	1923.1282	1924.0014	-0.8732	1	11	3.4e+002	1	GRDTEANLELGLPVDAR
✓	918	993.4700	1984.9254	1985.9955	-1.0700	1	11	7.5e+002	1	GQETVASMVTFKMGIPFK + Oxidation (M)
✓	1169	921.6400	2761.8982	2760.3461	1.5521	1	11	2.1e+002	1	ATGVNSDGTGGGGLTSPSAEAQTALIRR + Oxidation (M)
✓	575	510.2900	1527.8482	1525.9378	1.9104	2	11	4.1e+002	1	VVSGKKMAIVPILR + Oxidation (M)
✓	1086	567.7900	2267.1309	2265.1376	1.9933	1	11	3.3e+002	1	ASEDTKLVDIDYTNISGLSK
✓	623	553.3700	1657.0882	1657.8974	-0.8092	2	11	3.4e+002	1	FRLEPTPKAMVTR + Oxidation (M)
✓	660	582.1800	1743.5182	1742.9576	0.5606	1	11	3e+002	1	MGAFLASIPVHVVMKK + Oxidation (M)
✓	383	565.6200	1129.2254	1128.6503	0.5752	1	11	3.6e+002	1	GLTALKEVNGK
✓	554	745.3900	1488.7654	1489.8253	-1.0598	0	11	4.3e+002	1	AGGYTLAALLGQISR
✓	811	636.2600	1905.7582	1903.9752	1.7830	2	11	3.2e+002	1	AEKDFALSDQIRDQLR
✓	1042	729.2900	2184.8482	2185.1491	-0.3009	1	11	2.8e+002	1	NVSTEFDKQLKPNFNLVR
✓	741	613.2300	1836.6682	1836.9451	-0.2769	1	11	3e+002	1	MLNAVHGGRAAVGVPVMGK + Oxidation (M)
✓	1046	732.4100	2194.2082	2195.1923	-0.9841	2	11	3.4e+002	1	GKKVAILGYGSGGHAQAQNLIR
✓	1148	640.6900	2558.7309	2559.2369	-0.5060	2	11	2.3e+002	1	CDCQHPQHLLCTNRGLRAVPK
✓	510	443.3200	1326.9382	1325.6761	1.2620	1	10	3.6e+002	1	VKYASSAMQGLR + Oxidation (M)
✓	783	626.2300	1875.6682	1876.0128	-0.3446	1	10	3e+002	1	AIPQDSLLTLGCGKYK
✓	229	448.5400	895.0654	894.5174	0.5480	1	10	2.9e+002	1	ASSIVYKK
✓	883	491.3700	1961.4509	1961.0305	0.4204	1	10	2.8e+002	1	YVVIAVTWRGAPQMSQR
✓	997	704.6600	2110.9582	2111.9832	-1.0250	1	10	3.5e+002	1	RPREPSGSDSESQPIDVGR
✓	1065	557.8800	2227.4909	2226.2776	1.2133	1	10	2.6e+002	1	LKDPYITVPNLPGLITGFIR
✓	664	583.4800	1747.4182	1745.9900	1.4281	1	10	3.1e+002	1	VPNLRDVHTLSNLLR
✓	1021	1076.2100	3225.6082	3226.4450	-0.8368	2	10	6.4e+002	1	GMWAMMDASGGGNGTAKAAGKAVNMNMSLGGPR + Oxidation (M)
✓	1160	658.6300	2630.4909	2630.3122	0.1787	2	10	2.8e+002	1	MSASSILDVREDLRAFAGYSSAR + Oxidation (M)
✓	986	695.5900	2083.7482	2083.9197	-0.1715	2	10	2.8e+002	1	NISNMNMNNSRMDSPKR + Oxidation (M)
✓	1172	701.4500	2801.7709	2802.4221	-0.6513	2	10	2.3e+002	1	KQNFNLELDIRGMNTLEAEPVVEK + Oxidation (M)
✓	1009	713.2800	2136.8182	2135.1878	1.6304	1	10	2.9e+002	1	IIVEYGYNLDLVDLVAKAK
✓	596	781.5600	1561.1054	1561.7923	-0.6868	0	10	3.4e+002	1	SHAIFTITLEQMR + Oxidation (M)
✓	753	462.3100	1845.2109	1845.8798	-0.6689	0	10	3.2e+002	1	SPALSGHSIDYHFYPR
✓	361	545.0300	1088.0454	1086.6397	1.4058	2	10	4e+002	1	KPKKDSIGSK
✓	658	871.8300	1741.6454	1741.8134	-0.1679	2	10	7.9e+002	1	YYVGRKAMFDSDFK + Oxidation (M)
✓	879	979.5500	1957.0854	1957.0190	0.0665	1	10	3.8e+002	1	IMVPEKEEIALSTNDLR
✓	996	702.4600	2104.3582	2103.1616	1.1966	1	10	3e+002	1	VSLTGESFTPALLDVWLKK
✓	713	910.4400	2728.2982	2726.4272	1.8709	2	10	9.1e+002	1	SIASVVNELRHELDIVSDALSKMGK + Oxidation (M)
✓	716	607.5200	1819.5382	1819.8927	-0.3545	0	10	3.1e+002	1	ELGDAAFGWSIAPAMLR + Oxidation (M)
✓	453	623.7700	1245.5254	1244.6183	0.9072	1	10	4.9e+002	1	MNNPKLTDANK
✓	747	921.4000	1840.7854	1840.9755	-0.1900	2	10	3.7e+002	1	READQDLSPSISIVRR
✓	1109	1161.0800	3480.2182	3479.7974	0.4208	2	10	6.3e+002	1	MNMFSSCMITALVILTLPIIMSSTKLYKNK + 2 Oxidation (M)
✓	215	437.3100	872.6054	873.4556	-0.8501	0	10	6e+002	1	ESQVGLNK
✓	1114	586.5500	2342.1709	2343.1524	-0.9815	1	10	3.5e+002	1	LIDDMVAQMIKSEGGFVMALK + 3 Oxidation (M)
✓	1204	649.2800	3241.3636	3240.7396	0.6240	1	10	2.1e+002	1	KGNAGLVEGSGVIGSILAGLLMPGLSMCAGAIR + Oxidation (M)
✓	553	743.8700	1485.7254	1486.8905	-1.1651	2	10	4.7e+002	1	RLKILLMTAVGVSS
✓	265	949.5100	948.5027	949.5093	-1.0066	2	10	5.3e+002	1	KGSSRYPR
✓	881	653.9000	1958.6782	1959.0095	-0.3313	2	10	3e+002	1	GPPIINPRDTMTKGSSIK + Oxidation (M)
✓	1131	620.7900	2479.1309	2480.2590	-1.1281	2	10	3.2e+002	1	IGGLMMYGVPMNMTDKIDVVQR + Oxidation (M)
✓	940	669.9500	2006.8282	2007.2092	-0.3810	1	10	3.4e+002	1	ALGSPTKPVIAIIGGAKVSTK
✓	597	783.0000	2345.9782	2347.1001	-1.1220	0	10	9.1e+002	1	TESTSPAENMAIDEAIANWVAK
✓	1110	775.5500	2323.6282	2323.0793	0.5489	1	10	2.7e+002	1	TGVKNMNMNVLMEQMPNSNLK + Oxidation (M)
✓	255	467.4700	932.9254	933.5032	-0.5777	1	10	4.3e+002	1	NVAKYSFR
✓	1180	728.1800	2908.6909	2907.4086	1.2823	2	10	2.5e+002	1	FFEDGQASWKLRMNSHVVGTVTGER
✓	1001	1065.0300	2128.0454	2128.0293	0.0162	0	10	7.4e+002	1	TLSQMDAIFTSLLAQNMGR + 2 Oxidation (M)
✓	1218	910.4200	3637.6509	3637.7584	-0.1075	1	10	1.9e+002	1	QGGLPRNSGLGGEVSGVMSPKNVDPQPFQDGP + Oxidation (M)
✓	417	599.0700	1196.1254	1195.6574	0.4681	2	10	3.3e+002	1	WNLSQRKHK
✓	678	595.4000	1783.1782	1780.9982	2.1800	1	10	3.4e+002	1	SMLNLVASLVKTVGHR
✓	1200	629.8600	3144.2636	3144.6251	-0.3614	2	10	2.1e+002	1	AEVEIISRVHHRHLVSLVGYCIADSER
✓	143	735.6200	734.6127	734.3996	0.2131	0	10	4.4e+002	1	SALVSMK

✓	393	574.5700	1147.1254	1146.5703	0.5552	0	10	4.1e+002	1	LVMQGDLSER
✓	965	680.2700	2037.7882	2037.0724	0.7158	2	10	3.2e+002	1	VNALGAALGMKHAARAMAPR + 2 Oxidation (M)
✓	706	908.7700	2723.2882	2722.2997	0.9884	0	10	8.3e+002	1	CNLPSSEDLFMWLYMVLPLFR + Oxidation (M)
✓	487	650.5700	1299.1254	1297.7176	1.4078	1	10	3.8e+002	1	SVTAVHKANIMK
✓	545	732.8700	2195.5882	2194.1957	1.3925	1	10	1.1e+003	1	KPEIDAQIIADGSIASQLEKR
✓	724	910.8100	1819.6054	1819.0641	0.5413	0	10	3.3e+002	1	SVAVIITVASTVIMFLR
✓	390	572.0200	1142.0254	1141.5476	0.4779	1	10	3.9e+002	1	SYSRATSSQR
✓	759	924.4400	1846.8654	1846.9901	-0.1246	0	10	4.3e+002	1	GQSAQDKPDLIIVNPPR
✓	963	1017.8000	3050.3782	3048.4065	1.9717	1	10	7.4e+002	1	EFNMPYISTTPMGIVDTATCVREICK + Oxidation (M)
✓	514	666.2700	1330.5254	1328.7122	1.8133	0	10	4.8e+002	1	AMIQAALNGELAK
✓	557	750.8600	1499.7054	1498.7991	0.9063	0	10	4.8e+002	1	VVGVDPSLITASDAR
✓	1135	626.2500	2500.9709	2502.1480	-1.1771	1	10	2.8e+002	1	ELMDLVFHKYEEIISDCMSK + Oxidation (M)
✓	1220	911.1300	3640.4909	3638.7352	1.7557	2	10	1.7e+002	1	RGRVGEGTSGGSNCFLFCMSLSQGSLEPRPLSAAGK + Oxidation (M)
✓	612	807.0200	2418.0382	2419.1202	-1.0820	1	10	9.6e+002	1	MHPGFRRIGGLSMDLPDGWDR + Oxidation (M)
✓	253	466.3700	930.7254	930.5684	0.1570	2	10	5.7e+002	1	GKKGGLGIMK
✓	285	488.0100	974.0054	973.4941	0.5114	1	10	4.7e+002	1	RTLQADDR
✓	277	483.5500	965.0854	963.5753	1.5101	1	10	3.8e+002	1	TFSIGKIAK
✓	326	514.5300	1027.0454	1025.5910	1.4545	0	10	3.7e+002	1	ITFYLTLR
✓	1231	811.4000	4051.9636	4052.1645	-0.2009	0	10	1.8e+002	1	MLSSTTQTMSLLGSIAAISLLVGGIGIMNIMLVSVTER + 2 Oxidation (M)
✓	571	762.7300	1523.4454	1523.7692	-0.3238	1	10	3.5e+002	1	IETLKDGHDAVGNR
✓	735	712.7800	1835.3182	1833.9910	1.3272	1	10	3.4e+002	1	GGIKLMTETLALAYAPK
✓	394	575.5300	1149.0454	1147.6271	1.4184	1	10	4.1e+002	1	ISASPTSVKMK
✓	1212	675.6500	3373.2136	3371.5874	1.6262	2	10	2e+002	1	ELLDGGANPLQRNEMGHPTPLDYAREGEVVK + 2 Oxidation (M)
✓	599	784.5800	1567.1454	1565.7620	1.3834	2	10	8.9e+002	1	DMGKSSWGTGGIRSK
✓	1193	761.0700	3040.2509	3039.5447	0.7062	2	10	2.5e+002	1	IEEKNPQPEQRPTRAIMPQDSFDEKK + Oxidation (M)
✓	607	800.9500	1599.8854	1599.7450	0.1404	1	10	1.1e+003	1	KDFMESASGTAELSK
✓	824	639.2400	1914.6982	1912.9966	1.7015	1	10	3.5e+002	1	ARALEGLTGAAATNLDDGR
✓	227	445.7300	889.4454	889.4141	0.0313	0	10	6.7e+002	1	QLDSDANK
✓	1066	744.5000	2230.4782	2231.0780	-0.5998	2	10	3.2e+002	1	EMTFIGDDTTDAKGKAAVFAK + Oxidation (M)
✓	705	605.6200	1813.8382	1814.0050	-0.1668	1	10	4.7e+002	1	GAPIGGNILNYLLEKSR
✓	194	413.3100	824.6054	823.3130	1.2924	0	10	3.9e+002	1	DDSNMSR
✓	1016	537.1800	2144.6909	2143.0952	1.5957	1	10	3.3e+002	1	MNPSSALMPKATAIPGCILR + Oxidation (M)
✓	424	603.0400	1204.0654	1202.5788	1.4867	1	10	4.4e+002	1	KVDDIMSHMK
✓	1170	932.3900	2794.1482	2794.2651	-0.1169	0	10	2.9e+002	1	DEMTPQGFLSNHSGGVLGISGQTMR + 2 Oxidation (M)
✓	283	487.4000	1945.5709	1944.8444	0.7265	2	10	1.3e+003	1	AFQQEMKEKEEEMK + 2 Oxidation (M)
✓	1158	654.9200	2615.6509	2615.2512	0.3997	1	10	2.8e+002	1	DVGVMVVCPCDNEALLNGAKTFFR
✓	348	533.7300	1065.4454	1063.5444	1.9011	1	10	5e+002	1	MANSASAIKR + Oxidation (M)
✓	483	645.8800	1289.7454	1289.7092	0.0363	1	10	5.7e+002	1	TIATPFDTIRR
✓	1189	745.7300	2978.8909	2979.6467	-0.7558	2	10	2.5e+002	1	MIKEAGQEATFVTGVTGLHPELIKLLGK
✓	469	634.7600	1267.5054	1266.6932	0.8123	2	10	4.7e+002	1	IATSKNNKYTK
✓	1125	607.5500	2426.1709	2426.3586	-0.1877	1	10	4e+002	1	VHLASLAAAFLLLRAGYWLDR
✓	916	662.6200	1984.8382	1983.0789	1.7592	0	10	4.2e+002	1	TVLTPAGFSGAAPTLPVSAAR
✓	275	483.5200	965.0254	963.5171	1.5083	1	10	4.1e+002	1	IASSVGMRK + Oxidation (M)
✓	679	895.5800	2683.7182	2684.4724	-0.7542	1	10	9.1e+002	1	GLKGLPLSYATTGVAFPMTGGLLARP
✓	1187	745.0400	2976.1309	2974.4714	1.6595	1	10	2.5e+002	1	TGGEKMPVQMIGDILAAELSHMQAYIR + Oxidation (M)
✓	593	518.1100	1551.3082	1549.7372	1.5709	0	10	3.9e+002	1	GSQNNDEITLQGFK
✓	737	613.0700	1836.1882	1836.9114	-0.7232	0	9	4e+002	1	MLQAADAYPMNIGLLGK + 2 Oxidation (M)
✓	254	467.1900	932.3654	930.3245	2.0409	0	9	6.8e+002	1	ESDMMMR + 2 Oxidation (M)
✓	682	449.5400	1794.1309	1793.9200	0.2109	2	9	4.3e+002	1	AEKDGFLFDEKIFGPTK
✓	806	476.3500	1901.3709	1901.0483	0.3226	2	9	3.6e+002	1	DGSVLTSNIPAAKGRFLR
✓	969	681.9700	2042.8882	2041.0812	1.8069	2	9	4.4e+002	1	QLLKRMDVLIHLMER + 2 Oxidation (M)
✓	1196	615.3700	3071.8136	3072.5069	-0.6932	0	9	2.7e+002	1	LPAGVEMVMPGDNIALEVELINEAMEK + 3 Oxidation (M)
✓	385	567.6200	1133.2254	1131.5672	1.6582	0	9	4.7e+002	1	AEASQFFNLR
✓	937	669.2700	2004.7882	2005.0264	-0.2382	0	9	3.9e+002	1	AIMEEVLLPVMFELPSR + 2 Oxidation (M)
✓	397	581.4200	1160.8254	1160.6037	0.2217	0	9	5.5e+002	1	EILQDSSITR
✓	549	738.4000	1474.7854	1474.7627	0.0228	1	9	5.7e+002	1	NRLSSAEELSEIK
✓	800	631.5800	1891.7182	1890.1051	1.6131	2	9	4.1e+002	1	LTLKGKNPVTLDHLSVR
✓	1118	588.3300	2349.2909	2347.1842	2.1067	0	9	4.2e+002	1	IEQEATGPSLGIIVGVMAFSQGR
✓	541	729.7100	2914.8109	2913.5304	1.2805	2	9	1.2e+003	1	QIVDKMMIEDGLSGIDIVKSVHSIVR + 2 Oxidation (M)
✓	1181	730.6600	2918.6109	2917.4460	1.1649	2	9	3.3e+002	1	RIAEKMPDLNAVDVAGAEQVMGTAR + 2 Oxidation (M)
✓	236	452.6300	903.2454	902.3618	0.8837	0	9	5.9e+002	1	DDPDGGGEAK
✓	739	613.1400	1836.3982	1834.8884	1.5098	0	9	3.8e+002	1	VNVLFMQSDGGLAPESR + Oxidation (M)
✓	232	449.5900	897.1654	895.5127	1.6528	0	9	3.6e+002	1	SLEHGILK
✓	464	631.2300	2520.8909	2521.3792	-0.4883	1	9	1.3e+003	1	SFVLKVSALYINNETVVDLLNR
✓	334	524.5800	1047.1454	1046.5542	0.5912	1	9	5e+002	1	VERQLQMK + Oxidation (M)
✓	840	643.2400	1926.6982	1925.9009	0.7973	1	9	3.9e+002	1	QMMSSPSTVKLSSGMPAR + 2 Oxidation (M)
✓	537	723.5800	2890.2909	2890.4071	-0.1162	2	9	1.1e+003	1	GDRGETGPAGPGAPGAPGAPVGPAGKNGDR
✓	900	658.9200	1973.7382	1972.8190	0.9192	0	9	3.9e+002	1	THHGCTGAEEQIEMAMR + Oxidation (M)
✓	1206	816.6800	3262.6909	3261.6921	0.9988	1	9	3.1e+002	1	LGFAISAHTNPDLIVDEALSVGDKTFYQK
✓	403	584.4400	1166.8654	1165.6091	1.2563	1	9	4.2e+002	1	RSSLSAEAAFK
✓	757	616.4100	1846.2082	1846.8753	-0.6671	1	9	4.3e+002	1	IRSGCLFPCHGQLMR + Oxidation (M)
✓	552	495.7900	1484.3482	1483.8232	0.5249	2	9	4.4e+002	1	APAITHQAAHRHR
✓	1192	754.5800	3014.2909	3014.5033	-0.2124	2	9	3e+002	1	DFFNENVAQLGDVANSGSFRMTVLLR + Oxidation (M)
✓	1108	580.8700	2319.4509	2318.1841	1.2668	1	9	3.7e+002	1	ALQLGFGFPLRGSGIEWDLR + Oxidation (M)
✓	183	398.9400	795.8654	794.4511	1.4144	1	9	3.5e+002	1	RGPAPAAAR
✓	533	477.6600	1429.9582	1429.7776	0.1806	2	9	5.4e+002	1	DLRLSLSEKAVEA
✓	130	353.5600	1410.2109	1410.7758	-0.5649	1	9	1.7e+003	1	YGVKEVLYAIEK
✓	405	585.8400	1169.6654	1169.6557	0.0098	2	9	6.1e+002	1	SRFIGSTFKK
✓	163	387.4100	772.8054	771.4239	1.3816	0	9	6.8e+002	1	NTALPTR
✓	500	657.7500	1313.4854	1313.7125	-0.2271	0	9	5.5e+002	1	LLSVLNQMPQR + Oxidation (M)
✓	381	563.9800	1125.9454	1124.5363	1.4091	0	9	4.4e+002	1	PQQYQQQR

✓	589	772.9500	2315.8282	2315.2341	0.5941	2	9	1.3e+003	1	AMQNVLKLPETQATMRELSK + Oxidation (M)
✓	952	674.5800	2020.7182	2021.1091	-0.3910	1	9	3.9e+002	1	SLAQVLPTHLMEERLIR + Oxidation (M)
✓	450	621.2300	1240.4454	1239.6645	0.7809	0	9	5.1e+002	1	GEQPLLAFLMR + Oxidation (M)
✓	208	431.3300	860.6454	859.4585	1.1869	0	9	7.7e+002	1	ALMLEQR
✓	297	493.9100	985.8054	986.5509	-0.7454	1	9	5.8e+002	1	GSNRELLAK
✓	878	653.1000	1956.2782	1955.0564	1.2218	2	9	4.1e+002	1	IGGGIKTFQVRTHPMWK
✓	1117	783.8000	2348.3782	2348.0512	0.3270	0	9	4.2e+002	1	GLQSPVLEGGEDPMGAGMSEDLK + 2 Oxidation (M)
✓	429	605.0300	1208.0454	1206.6469	1.3985	1	9	4.5e+002	1	GGFNVTVRTTR
✓	531	469.3100	1404.9082	1402.8296	2.0785	2	9	6e+002	1	YARVGDIVKGVVK
✓	927	666.2400	1995.6982	1995.9724	-0.2742	1	9	4e+002	1	EPARSLWISMQDYAVSK + Oxidation (M)
✓	188	801.8900	800.8827	800.4504	0.4323	1	9	6.6e+002	1	KNISPSR
✓	415	595.2400	1188.4654	1188.6211	-0.1556	1	9	6.8e+002	1	SIQVNSRETR
✓	247	462.7400	923.4654	922.4508	1.0146	0	9	5.6e+002	1	ASLGSGER
✓	801	632.2400	1893.6982	1893.7907	-0.0925	1	9	4.4e+002	1	NDNTGAFVTMSGMKDKMK + 3 Oxidation (M)
✓	222	440.8300	879.6454	878.4974	1.1481	0	9	5.7e+002	1	HGAEKPLK
✓	685	899.3900	1796.7654	1795.9688	0.7966	2	9	5.3e+002	1	LTGYKTKSLLCMPIR + Oxidation (M)
✓	479	643.6900	1285.3654	1283.5795	1.7859	0	9	5.2e+002	1	YPNNHFHNNK
✓	1161	658.9100	2631.6109	2632.3126	-0.7017	1	9	3.5e+002	1	LSEITSDAASMGQTQGSIDVTKRPPR + Oxidation (M)
✓	943	670.5900	2008.7482	2009.9403	-1.1921	1	9	4.3e+002	1	QKTPGNGDGGSTSETPQPPR
✓	704	605.2400	1812.6982	1813.0284	-0.3302	2	9	4.8e+002	1	IHGSKKNVLTITMPK
✓	832	641.5900	1921.7482	1922.9216	-1.1735	0	9	4.6e+002	1	SELTTPESLDLLEMMAK + Oxidation (M)
✓	895	985.0000	1967.9854	1968.0615	-0.0760	1	9	5.4e+002	1	VYHNLPVANLVEMAVKR + Oxidation (M)
✓	1104	579.4500	2313.7709	2313.1046	0.6663	2	9	3.8e+002	1	NKLMSEVYDDTELAKEVADEK + Oxidation (M)
✓	517	672.1900	1342.3654	1341.7140	0.6515	0	9	5.1e+002	1	EIPVTVAQETQK
✓	220	439.8000	877.5854	878.4498	-0.8643	0	9	7.6e+002	1	LTDVEFR
✓	486	649.5600	1297.1054	1297.6878	-0.5823	0	9	4.7e+002	1	ISVTGEVVEHTK
✓	1198	773.8200	3091.2509	3091.4790	-0.2281	1	9	3e+002	1	MDANVLIMAGGTGGHVFPALACAREFQAR + 2 Oxidation (M)
✓	408	589.7800	1177.5454	1175.6193	1.9261	2	9	7e+002	1	RDSSMRVGLR
✓	70	583.4900	582.4827	582.2948	0.1879	0	9	3.2e+002	1	HMPAK
✓	142	732.2300	731.2227	730.3432	0.8795	0	9	9.5e+002	1	VPACER
✓	731	612.4500	1834.3282	1833.0472	1.2810	2	9	4.5e+002	1	QKVEGALDQKNHLLK
✓	826	639.9000	1916.6782	1914.8829	1.7953	0	9	4.5e+002	1	VGKPSWIGSSSCHPNMR + Oxidation (M)
✓	1084	566.6500	2262.5709	2263.1253	-0.5544	2	9	4e+002	1	KVLGLIEDLAMSDEKQEK + Oxidation (M)
✓	170	392.9300	783.8454	784.4331	-0.5876	0	9	4.2e+002	1	DVVDIPK
✓	1199	524.8700	3143.1763	3143.3376	-0.1613	1	9	2.9e+002	1	EDPARFVFTQMEGDAVDVTMADYGDEFK + 2 Oxidation (M)
✓	1059	1106.6100	3316.8082	3315.5515	1.2567	0	9	1e+003	1	LQYCWSNVCLHMTFLDLNQVANGLEK + Oxidation (M)
✓	1197	770.7300	3078.8909	3078.5064	0.3845	2	9	3e+002	1	LSKTHIMFIPFPAQGHMSPMMQFAKR + 3 Oxidation (M)
✓	1211	673.1800	3360.8636	3361.6176	-0.7540	1	9	3.1e+002	1	IDYMLELRASGNDIVAPYADEFPFGSTFVAGK + Oxidation (M)
✓	217	437.9200	873.8254	873.4920	0.3335	0	9	7.2e+002	1	VVETLGTR
✓	979	688.9700	2063.8882	2061.9724	1.9157	0	9	5.2e+002	1	TAITHQCGTLLYGHSMTR + Oxidation (M)
✓	412	594.2400	1186.4654	1185.7233	0.7421	2	9	7.3e+002	1	NLAFKKIPQK
✓	1182	973.8800	2918.6182	2916.5331	2.0850	2	9	4e+002	1	YLVEVEELAEVLADKRQIVDLDTK
✓	161	771.3800	770.3727	768.4494	1.9234	0	9	7.1e+002	1	AVNAGLPK
✓	1091	759.9800	2276.9182	2275.2147	1.7035	2	8	4.5e+002	1	AEAHGLDFLLSMIKLRGFGGK + Oxidation (M)
✓	600	785.4800	1568.9454	1568.8787	0.0667	0	8	6.5e+002	1	DHHLVVPVSLQGLR
✓	950	1008.0800	3021.2182	3019.6389	1.5792	2	8	1.1e+003	1	GFVYATALMGVGTGARTQASAAAPVLVSRVR
✓	1139	631.3100	2521.2109	2519.2445	1.9664	1	8	5e+002	1	YLHPDIPDVLFISSGEQR
✓	352	536.2100	1070.4054	1071.5672	-1.1618	1	8	6.8e+002	1	TAAQIAAEARA
✓	906	661.9000	1982.6782	1983.0459	-0.3677	1	8	4.5e+002	1	TVGKAIMPTAQEIENLNR + Oxidation (M)
✓	387	569.3700	1136.7254	1134.6509	2.0745	2	8	6.9e+002	1	RDLALYKTR
✓	819	638.5600	1912.6582	1912.0306	0.6276	0	8	4.7e+002	1	YVSILRPPLTDGEPLDK
✓	207	428.2700	854.5254	855.5178	-0.9923	0	8	5.9e+002	1	KPAAAVTK
✓	1162	660.7600	2639.0109	2639.2571	-0.2462	1	8	3.8e+002	1	SQAQAFEMKEGVSLNDVMVDLQK + Oxidation (M)
✓	656	869.7100	3474.8109	3472.6795	2.1314	1	8	1.2e+003	1	GYFEDRRPASNMDFVVTSMIADTTILWKP
✓	876	652.2300	1953.6682	1951.9963	1.6719	0	8	4.6e+002	1	IAATGNVPSEEAGGISGAPVR
✓	156	384.0700	766.1254	764.4069	1.7186	0	8	4.9e+002	1	LFDSVGK
✓	298	494.4000	986.7854	986.5661	0.2193	1	8	7.4e+002	1	RHISYALK
✓	152	379.1800	756.3454	754.3167	2.0287	1	8	7.4e+002	1	EKM ₅ SGTS + Oxidation (M)
✓	964	680.1200	2037.3382	2037.1405	0.1977	2	8	4.6e+002	1	VRRYQVLSLMLSSQTK + Oxidation (M)
✓	1168	691.4600	2761.8109	2762.3042	-0.4933	1	8	3.6e+002	1	NMTTWTGRTDQNTIINDTSHAR + Oxidation (M)
✓	628	834.0200	2499.0382	2499.1781	-0.1399	1	8	1.4e+003	1	ALQILMEGGTHMVTGRTHTDR + Oxidation (M)
✓	91	620.8000	619.7927	620.2700	-0.4773	0	8	6.3e+002	1	GGAGGMR + Oxidation (M)
✓	769	621.0100	1860.0082	1858.8479	1.1603	2	8	6.6e+002	1	RQEEVCDDPEELRGK
✓	798	631.0000	1889.9782	1889.0411	0.9371	2	8	6.6e+002	1	QVVGAITDAFGKEIWKK
✓	710	910.3600	1818.7054	1818.8795	-0.1740	2	8	5.7e+002	1	AEPDRAAPRAMPDGPPR + Oxidation (M)
✓	978	686.9900	2057.9482	2057.0939	0.8543	2	8	6e+002	1	DIDPLMERTKTRPTVTGK
✓	434	609.4900	1216.9654	1217.6690	-0.7035	1	8	6.2e+002	1	IKTPGIMTDVK + Oxidation (M)
✓	1043	729.5200	2185.5382	2186.1107	-0.5725	0	8	4.5e+002	1	LEAGDLPLTAQPEDGVVYATK
✓	26	504.1800	503.1727	504.2543	-1.0816	0	8	1.6e+003	1	AASEK
✓	174	394.4800	786.9454	786.4963	0.4491	1	8	8.2e+002	1	KLVAATGK
✓	200	421.7200	841.4254	842.3229	-0.8974	0	8	7.6e+002	1	MDFGDSR + Oxidation (M)
✓	652	859.0500	1716.0854	1714.9049	1.1805	2	8	6.3e+002	1	CFTRGNLTVHLRK
✓	574	764.1600	1526.3054	1524.6250	1.6805	0	8	5.4e+002	1	DSIDSCENDITEK
✓	389	570.7600	1139.5054	1138.6022	0.9032	1	8	7e+002	1	FEKF ₅ ALGK
✓	260	470.3000	938.5854	936.3858	2.1996	0	8	6.5e+002	1	EMPENSSK + Oxidation (M)
✓	1221	911.1400	3640.5309	3639.8097	0.7212	2	8	2.7e+002	1	LGVEVTFSGPK ₅ EQDQSLQ ₅ Q ₅ FGV ₅ GIDKDLGK
✓	804	633.9000	1898.6782	1899.0901	-0.4120	2	8	5.1e+002	1	NVIEKIVGGASTSRSLLR
✓	230	448.7000	895.3854	894.4811	0.9044	1	8	6.5e+002	1	LTQDYKK
✓	398	581.5000	1160.9854	1160.6223	0.3631	0	8	6.4e+002	1	VVAMTAIGLDR + Oxidation (M)
✓	435	610.2100	1218.4054	1218.5490	-0.1435	1	8	6.9e+002	1	DSHEHSSKHR
✓	770	931.2800	1860.5454	1861.0673	-0.5218	1	8	5.2e+002	1	IIAINSGTLGYL ₅ TEIRK

✓	1041	1093.3000	3276.8782	3276.6093	0.2688	2	8	1.1e+003	1	IANKHVDQTMIEGPGHVPQMOLIKENMDK + 2 Oxidation (M)
✓	942	670.2900	2007.8482	2007.1001	0.7481	0	8	5.9e+002	1	TSATPQPGQLIVITGSPGVGK
✓	474	638.7100	1275.4054	1274.6942	0.7112	2	8	6.6e+002	1	VVRSTNKNTEK
✓	1151	644.2500	2572.9709	2573.2142	-0.2433	1	8	4.2e+002	1	YMTSHPIDMTDDLKHLHGTEPK + 2 Oxidation (M)
✓	462	630.8000	1259.5854	1257.6564	1.9290	1	8	8.5e+002	1	IDEQEKQLQK
✓	363	547.0200	1092.0254	1090.5659	1.4596	0	8	6.3e+002	1	DIVVEFDVR
✓	480	644.9500	1287.8854	1287.6857	0.1998	0	8	7.4e+002	1	MSAVLDTFVAIR + Oxidation (M)
✓	758	924.3900	1846.7654	1847.9173	-1.1518	1	8	6.4e+002	1	ASLARNMSPQPAHQQGR
✓	1032	722.9800	2165.6782	2166.0669	-0.3887	2	8	4.7e+002	1	IKQGMQLCKTMAGLCGELL + Oxidation (M)
✓	968	681.8800	2042.6182	2042.1637	0.4545	2	8	5e+002	1	GKEKIHINIVIGHVDSGK
✓	1209	560.3500	3356.0563	3355.6450	0.4113	1	8	3.1e+002	1	LVMVGHENGIRCCAFAPPASYVHMAALAGLK + Oxidation (M)
✓	225	443.3200	884.6254	884.4062	0.2193	0	8	7.9e+002	1	TAVERMYR + Oxidation (M)
✓	244	462.0500	1383.1282	1383.6387	-0.5105	1	8	1.8e+003	1	SSMRILTWANMR + 2 Oxidation (M)
✓	362	545.5000	1088.9854	1088.6302	0.3553	1	8	6.9e+002	1	ILRTSSGSIR
✓	45	529.3200	528.3127	528.2908	0.0220	0	8	8e+002	1	PGVEK
✓	416	598.6400	1195.2654	1194.6100	0.6554	2	8	5.5e+002	1	DVMANVKKMK + 2 Oxidation (M)
✓	427	603.9800	1205.9454	1205.6591	0.2864	0	8	6.4e+002	1	LMGPPRPTPK + Oxidation (M)
✓	1174	471.5000	2822.9563	2823.4854	-0.5290	2	8	4e+002	1	ANVMVFPSPLEAGNIGYKIAQRLGGYR
✓	37	517.5600	516.5527	516.3271	0.2256	1	8	1.4e+003	1	LASKV
✓	634	842.1100	2523.3082	2522.2186	1.0896	0	8	1.5e+003	1	DDVVHTALLNMFYVGTTAAMPK + 2 Oxidation (M)
✓	288	490.2700	978.5254	979.6291	-1.1036	2	8	8.8e+002	1	VHLKRISK
✓	402	583.3800	1164.7454	1162.6571	2.0884	2	8	7.9e+002	1	AQGSFTKRLR
✓	1113	781.2900	2340.8482	2339.2121	1.6361	1	8	4.8e+002	1	GQLDLYAQAQALSRYSGISQIEK
✓	47	535.2500	534.2427	533.2558	0.9870	0	8	1.1e+003	1	SANSR
✓	384	567.0600	1132.1054	1130.5608	1.5447	0	8	7e+002	1	DIEALEQWK
✓	1215	724.2700	3616.3136	3614.7987	1.5149	2	8	2.9e+002	1	FFSGKGTKLDPDELELMIEELLDTFMTVVESSK + 2 Oxidation (M)
✓	179	396.8600	791.7054	790.3895	1.3160	0	8	7.2e+002	1	TMPADLK + Oxidation (M)
✓	1191	748.2900	2989.1309	2987.4133	1.7176	0	8	3.7e+002	1	GHGKPVDMWSMGVITYTLLCGYSFPFR + Oxidation (M)
✓	400	582.5100	1163.0054	1163.5968	-0.5914	1	8	6.7e+002	1	AKLSEASTMAR
✓	465	631.7000	1261.3854	1259.6451	1.7403	0	8	7.1e+002	1	HYWGLPFGGVK
✓	175	394.6300	787.2454	788.3197	-1.0742	0	8	1.1e+003	1	QGYMMK + 2 Oxidation (M)
✓	360	544.1000	1086.1854	1086.6033	-0.4178	2	8	7.2e+002	1	KKPNKEESK
✓	591	773.9600	1545.9054	1545.7106	0.1948	1	8	8.3e+002	1	AYLSRSGEFHCNR
✓	482	645.4900	1288.9654	1289.6398	-0.6743	0	8	7e+002	1	ACANSESLIGR
✓	1101	770.1500	2307.4282	2306.1503	1.2779	0	8	5.3e+002	1	NTESFDILVTAAGGGTTGQAGAIR
✓	337	525.8900	1049.7654	1050.5822	-0.8167	1	8	7.5e+002	1	QTKTALSFR
✓	732	918.4000	1834.7854	1835.9411	-1.1556	2	8	7.3e+002	1	DMILISRLQSATENSKK + Oxidation (M)
✓	203	424.4700	846.9254	845.4032	1.5223	1	8	8.4e+002	1	KFHDDGK
✓	1033	724.3000	2169.8782	2170.9848	-1.1066	1	8	6e+002	1	AQEHGMRSLVEVCGPGSGR + Oxidation (M)
✓	423	602.8700	1203.7254	1203.6030	0.1225	1	8	9.6e+002	1	MTARTDPGALR + Oxidation (M)
✓	250	464.3300	926.6454	926.5437	0.1018	0	8	7.9e+002	1	LITLPEGGK
✓	378	560.8100	1119.6054	1120.4529	-0.8474	0	8	9.8e+002	1	DAMMNQAVPE + Oxidation (M)
✓	432	606.5400	1211.0654	1209.6142	1.4512	1	8	6.2e+002	1	DQFKAEGLFR
✓	825	639.6000	1915.7782	1915.8768	-0.0986	1	7	6.6e+002	1	EESKNMIGMETLPHER + Oxidation (M)
✓	844	965.6300	1929.2454	1928.9448	0.3007	1	7	1.3e+003	1	ACVGIAPDNNMLLEQRL + Oxidation (M)
✓	237	453.0000	903.9854	903.5290	0.4564	0	7	8.3e+002	1	VHILHASK
✓	211	434.9300	867.8454	866.3956	1.4498	0	7	5.3e+002	1	EFLCGNK
✓	263	472.3900	942.7654	943.5338	-0.7684	0	7	8.7e+002	1	ALGLELNSK
✓	280	486.6500	971.2854	970.6175	0.6679	1	7	8.3e+002	1	VVAKGLGLSK
✓	115	334.4000	666.7854	665.3609	1.4245	0	7	5.2e+002	1	IPSGHR
✓	667	877.4400	1752.8654	1751.8829	0.9825	0	7	8.2e+002	1	GNEDIVITVIEEIDP
✓	289	490.3900	978.7654	979.4644	-0.6990	1	7	7.6e+002	1	EAAKTADMK + Oxidation (M)
✓	466	632.6100	1263.2054	1263.6427	-0.4373	2	7	7.2e+002	1	CEKNMKLGR + Oxidation (M)
✓	272	481.7300	961.4454	962.6277	-1.1822	0	7	1.1e+003	1	VLLGLHLAK
✓	355	538.1700	1074.3254	1074.5822	-0.2567	0	7	8.7e+002	1	FIDANGVAIR
✓	938	669.6300	2005.8682	2006.1272	-0.2591	1	7	7.3e+002	1	LEDQQAQAPVLSRVISR
✓	1224	741.6100	3703.0136	3702.7923	0.2214	1	7	3.8e+002	1	SELLQAMAPWEGGSGMIATVSLTEGTTWNAPWR
✓	1232	708.8300	4246.9363	4246.0899	0.8465	2	7	2.8e+002	1	NFEGNSPLLTAVLKDSYDMATLLINHGANNVLRNCR + Oxidation (M)
✓	651	573.0200	1716.0382	1715.9029	0.1353	1	7	8.4e+002	1	TAKVMGLGFPGGPALER + Oxidation (M)
✓	1088	757.0200	2268.0382	2268.1824	-0.1442	2	7	7.1e+002	1	YIEFCKSTVPDLRTLEGLK
✓	525	683.7800	1365.5454	1365.6493	-0.1038	2	7	8.4e+002	1	NVRRDGMMLK + 2 Oxidation (M)
✓	88	618.9100	617.9027	616.3656	1.5371	1	7	1.2e+003	1	AVRGSK
✓	530	462.8000	1385.3782	1384.6744	0.7038	1	7	7.5e+002	1	GRGFGLMTFMPR + Oxidation (M)
✓	259	469.3300	936.6454	935.5110	1.1344	0	7	9.1e+002	1	VTLMTSLR + Oxidation (M)
✓	625	830.8300	3319.2909	3317.5697	1.7212	2	7	1.8e+003	1	MNPFIKSSVSYNDTPRWMTSPVAVTTGGDTK + 2 Oxidation (M)
✓	331	520.9200	1039.8254	1038.4440	1.3814	0	7	6.9e+002	1	EGYGTMHTK + Oxidation (M)
✓	216	437.3600	872.7054	872.4174	0.2880	0	7	1.2e+003	1	EMITAGR + Oxidation (M)
✓	598	784.4200	2350.2382	2348.1253	2.1129	1	7	2.2e+003	1	GHEVVVSGVMEQAKDNYAMLR + Oxidation (M)
✓	299	494.9000	987.7854	986.4305	1.3550	0	7	1e+003	1	ELGDPPDAR
✓	1227	770.4800	3847.3636	3845.8427	1.5210	2	7	3e+002	1	FLSQNMMAEQFTGQPGSTVPVKETIEAFDLCK + Oxidation (M)
✓	581	767.2900	3065.1309	3065.6795	-0.5486	2	7	1.8e+003	1	KEADQVEILSGLLDGVTLTGTPIAMVVRNK
✓	191	407.2100	812.4054	810.3694	2.0360	0	7	9.2e+002	1	DFGLGMR + Oxidation (M)
✓	1130	826.4200	2476.2382	2476.3730	-0.1348	1	7	7.2e+002	1	WIRLLYAYPDGVTDSLIQLIK
✓	262	472.1800	942.3454	941.4641	0.8814	1	7	1e+003	1	TFKMQSGK + Oxidation (M)
✓	1171	559.8600	2794.2636	2793.2455	1.0181	1	7	6.1e+002	1	AMRAMGHVDVTYVCADDAHGTAIMLR + 2 Oxidation (M)
✓	81	604.5800	603.5727	601.3799	2.1928	0	7	1.3e+003	1	TAALVK
✓	981	689.4100	2065.2082	2066.0062	-0.7980	2	7	7.9e+002	1	SNTETEMTLEKVTQQR + Oxidation (M)
✓	684	449.6500	1794.5709	1794.8909	-0.3200	0	7	6.8e+002	1	YMDAHKPPPLHMIAAGK + Oxidation (M)
✓	546	734.1400	1466.2654	1464.7361	1.5293	0	7	7.3e+002	1	GEITSVHSGIFYR
✓	1186	743.5700	2970.2509	2968.4966	1.7543	1	7	5.2e+002	1	EWPFQSTLEIEMVLAKADIPMTK + 2 Oxidation (M)
✓	995	526.8000	2103.1709	2101.2313	1.9396	2	7	8.2e+002	1	LLNPRVRQGYIVVIAR

✓	190	812.5400	811.5327	810.2710	1.2617	0	7	8.1e+002	1	MQPEMC + Oxidation (M)
✓	1035	726.6000	2176.7782	2177.0358	-0.2576	0	7	6.2e+002	1	TQHVMPPTHCHNTVEEIR + Oxidation (M)
✓	219	438.1800	874.3454	874.3668	-0.0214	0	7	1.4e+003	1	QEVGEAGEG
✓	449	620.7900	1239.5654	1237.7758	1.7897	2	7	1e+003	1	KKVPAAPITVSK
✓	1226	628.8400	3765.6763	3763.8366	1.8398	2	7	3.9e+002	1	VRVAMNDTDGLMRGMEVIDMGTPTITVPVGGSTLGR + 3 Oxidation (M)
✓	789	939.8600	1877.7054	1876.0492	1.6562	0	7	7.3e+002	1	LMITGAAPVSATVLTFLR + Oxidation (M)
✓	345	530.2900	1058.5654	1056.5352	2.0302	0	7	1.2e+003	1	HSSHSYVLK
✓	67	574.5500	573.5427	573.2758	0.2669	0	7	1.8e+003	1	APSDGK
✓	316	505.7600	1009.5054	1010.4776	-0.9722	1	7	9.6e+002	1	ALSKMLEMG + 2 Oxidation (M)
✓	1237	755.1200	4524.6763	4524.2015	0.4748	1	7	2.3e+002	1	HPVVGAVLPAAGSYIPNDLVMDSDTSIYLITGPNSMGKSTYMR + Oxidation (M)
✓	278	485.4900	968.9654	968.5879	0.3775	2	7	7.1e+002	1	GPVGSKIRR
✓	1216	604.0300	3618.1363	3618.0411	0.0953	2	7	3.8e+002	1	LGKRAELIGGLILIAIGFNILFEHLELFMYAK + Oxidation (M)
✓	580	765.8400	1529.6654	1528.6980	0.9674	1	7	1e+003	1	WKSTVMGYSPSDR + Oxidation (M)
✓	1153	645.2100	2576.8109	2577.2931	-0.4822	2	7	5.6e+002	1	KKGGDLAVEQMGAVAFVPMTGEAQK + Oxidation (M)
✓	106	643.2200	642.2127	642.3449	-0.1322	1	7	1e+003	1	GARDPK
✓	1238	946.0300	4725.1136	4724.3255	0.7882	2	7	2.4e+002	1	DIGLWNGDKYLNPEFTQLITQGMVHGLTYTTMSDERILNPK + Oxidation (M)
✓	186	400.4700	798.9254	798.5075	0.4179	2	7	8.3e+002	1	AKLPSRK
✓	125	347.6800	693.3454	691.3501	1.9954	0	7	1.1e+003	1	SSATAQK
✓	274	483.5000	964.9854	963.4331	1.5523	0	7	8.2e+002	1	DLSPNMGSK + Oxidation (M)
✓	528	688.2400	1374.4654	1374.6925	-0.2271	1	6	9.4e+002	1	EGELMLAAAGKNR + Oxidation (M)
✓	1194	767.7300	3066.8909	3065.4659	1.4250	2	6	5.1e+002	1	AGELVNFVAQQVGGKGGKADAMAGGTDASR + Oxidation (M)
✓	1236	747.9800	4481.8363	4482.4437	-0.6074	2	6	2.6e+002	1	MPPPMIPPKLPPLFEIAAEALYSSIIIFLICFLIYHRLR + Oxidation (M)
✓	1089	568.6600	2270.6109	2270.0737	0.5372	0	6	6.7e+002	1	LTMTIETDGSVTGEDAVAFAR + Oxidation (M)
✓	1223	732.4900	3657.4136	3656.6572	0.7565	2	6	3.9e+002	1	MDAVIYKDDLGVMEETDIPEDMKELAAEWR + Oxidation (M)
✓	243	920.8200	919.8127	918.4407	1.3721	0	6	1e+003	1	NSNVATGEK
✓	369	554.4200	1106.8254	1105.5186	1.3068	0	6	9.8e+002	1	AQGGLTAMGER + Oxidation (M)
✓	654	863.3700	1724.7254	1722.9491	1.7764	1	6	9.7e+002	1	ACPWIVPGIVIGGEKK
✓	1230	666.9800	3995.8363	3994.9162	0.9201	0	6	4.1e+002	1	MEGDIVQMGAYIGAGLACTGMGGAAGVGHVGVGNFISGALR + 2 Oxidation (M)
✓	815	477.6200	1906.4509	1904.9964	1.4545	2	6	7.8e+002	1	VMDALRMVQLDKFAPR + Oxidation (M)
✓	399	581.5000	1160.9854	1161.6393	-0.6539	1	6	1e+003	1	EPIKNLGTYK
✓	467	632.7500	1263.4854	1263.6935	-0.2081	2	6	1.2e+003	1	SVVVDNYKGKR
✓	1210	673.1400	3360.6636	3361.6278	-0.9642	2	6	6.1e+002	1	MMSSSVSTESKLQQAVALGKVDPETCMIVFK + 2 Oxidation (M)
✓	120	343.7300	685.4454	683.2731	2.1724	0	6	1.4e+003	1	MGMSR + Oxidation (M)
✓	172	394.4400	786.8654	786.3984	0.4670	0	6	1.3e+003	1	SIGNGPSR
✓	1111	776.7400	2327.1982	2325.2362	1.9620	2	6	9.2e+002	1	LVLTAADPGLRMESITDPKTPR + Oxidation (M)
✓	271	958.5200	957.5127	956.5291	0.9836	1	6	1.5e+003	1	TVPEDIKR
✓	508	663.9400	1325.8654	1326.8095	-0.9441	2	6	1.1e+003	1	SALLKTAGAALRR
✓	1138	631.0100	2520.0109	2519.3134	0.6975	1	6	7.1e+002	1	SLFLVFFLGFVLSICEEEKR
✓	1222	729.4800	3642.3636	3642.7222	-0.3586	2	6	4.2e+002	1	YQINPQGMDSMDVVFVQYADTVKYLVDKK + 2 Oxidation (M)
✓	1205	653.4300	3262.1136	3261.3392	0.7744	1	6	5.1e+002	1	LEQRTMLDLEMMEMEYGCNGVENYSR + 4 Oxidation (M)
✓	463	631.1200	1260.2254	1259.5452	0.6803	0	6	1e+003	1	FSNSMESLSSR + Oxidation (M)
✓	119	681.0100	680.0027	680.3969	-0.3942	1	6	8.1e+002	1	TKHPAK
✓	1183	734.3500	2933.3709	2931.3816	1.9893	0	6	7.4e+002	1	YAMLFASQNQITADMLQLDANMEGK + Oxidation (M)
✓	234	899.0300	898.0227	896.4756	1.5471	0	6	8.4e+002	1	SYIVYPR
✓	231	896.5800	895.5727	895.4803	0.0924	0	6	1.1e+003	1	YFISAPAK
✓	273	481.9900	961.9654	961.4101	0.5554	0	6	1.2e+003	1	RPESGGSGSE
✓	1234	722.0200	4326.0763	4325.0124	1.0640	2	6	4.1e+002	1	MDNLFSTHPNTENRIALHDMASGMNVSTSPARAANPSR + Oxidation (M)
✓	160	386.0600	770.1054	770.3824	-0.2769	0	6	8.3e+002	1	WNPAGAR
✓	877	652.2400	1953.6982	1953.9545	-0.2563	2	6	8.6e+002	1	LDSGNFSWSEGVSKKTR
✓	330	517.9900	1033.9654	1032.4108	1.5546	0	6	1.1e+003	1	HESSSDSER
✓	185	400.4500	798.8854	798.4712	0.4143	1	6	9.9e+002	1	AIAPGSRK
✓	498	656.6700	1311.3254	1310.6329	0.6926	1	6	9.5e+002	1	DKTYMPYLHK + Oxidation (M)
✓	746	921.3900	1840.7654	1838.7386	2.0269	0	6	1.1e+003	1	EAHMEKPYGCDACGK
✓	118	680.6700	679.6627	678.3337	1.3290	0	6	8.6e+002	1	GPTYNK
✓	121	344.7000	687.3854	686.3963	0.9892	0	6	2.1e+003	1	AGIEGK
✓	189	803.7700	802.7627	803.3773	-0.6146	0	6	1.4e+003	1	SPSADTAR
✓	445	619.6600	1237.3054	1235.6114	1.6940	1	6	9.6e+002	1	LGLESARGMMR + Oxidation (M)
✓	1229	797.7800	3983.8636	3983.9703	-0.1066	1	6	5e+002	1	LHFFMVGFAPLTSRGSQQYASLTVPTELQQMWDK
✓	787	939.3600	2815.0582	2813.3105	1.7476	2	6	2.1e+003	1	YEEGELFAMVDAFTAGVGKSKEYEK + Oxidation (M)
✓	306	498.0000	993.9854	993.5971	0.3883	0	6	9.9e+002	1	LLHGAVAVSK
✓	90	619.8100	618.8027	619.3217	-0.5190	0	5	1.4e+003	1	LYLDP
✓	509	664.4500	1326.8854	1326.7190	0.1664	2	5	1.2e+003	1	NGTPPMRKSALR
✓	168	782.3100	781.3027	780.4382	0.8646	0	5	1.1e+003	1	TTVIGYK
✓	725	911.3100	1820.6054	1819.9064	0.6990	1	5	9.6e+002	1	GITINSSHVEYSTEK
✓	1239	799.3500	4790.0563	4788.1376	1.9187	2	5	2.8e+002	1	QSSSSAMSSSSASSSPAASLGSQSGLEQSSSQWSPSGRRTGSLYCR
✓	96	628.6400	627.6327	626.2734	1.3593	0	5	9.2e+002	1	AMDYK
✓	568	757.0200	1512.0254	1510.7562	1.2693	2	5	1.1e+003	1	SDRMAYKNELLR + Oxidation (M)
✓	1184	740.2600	2957.0109	2955.5065	1.5044	1	5	6.6e+002	1	AVYDMLLELIYQAASVHRQPHNPK + Oxidation (M)
✓	122	689.9400	688.9327	689.4112	-0.4785	0	5	1.6e+003	1	VPVFTK
✓	173	394.4700	786.9254	785.3919	1.5336	0	5	1.6e+003	1	AAPEAAEK
✓	1219	728.9100	3639.5136	3639.7614	-0.2478	1	5	5.4e+002	1	INELFLSTAGGDSYVSSDLLTEAASKSVSYCSR
✓	147	744.6300	743.6227	741.4497	2.1730	1	5	1.9e+003	1	VPGRVSK
✓	294	491.8100	981.6054	979.5008	2.1046	0	5	1.4e+003	1	TMQSSGLLK + Oxidation (M)
✓	576	765.1700	1528.3254	1526.7446	1.5809	2	5	1.2e+003	1	MSFEGARLSMRSR
✓	1214	601.1200	3600.6763	3599.8072	0.8692	1	5	7e+002	1	VMLEVLVAPAVPACEVPTSVMTGSSVVELRCQDK + Oxidation (M)
✓	177	791.6200	790.6127	788.4181	2.1946	0	5	1.9e+003	1	APADIFR
✓	126	347.7000	693.3854	691.3289	2.0565	0	5	1.6e+003	1	AGEPYR
✓	178	792.6200	791.6127	790.4007	1.2120	1	5	1.8e+003	1	ELCNKK
✓	1235	724.2400	4339.3963	4339.1987	0.1977	2	5	4.5e+002	1	KLWHEAEIEEIVAFKYMTFLAPPTHGLRPIGEENIEK + Oxidation (M)
✓	84	609.7500	608.7427	607.2966	1.4462	0	5	9.2e+002	1	SYNPK
✓	240	457.4400	912.8654	912.5029	0.3626	0	5	1.3e+003	1	VLQDVSPR

<input checked="" type="checkbox"/>	1208	668.3400	3336.6636	3334.6611	2.0025	0	5	8.9e+002	1	EIMENLSPLGGVYQAGTMSGNPVMSAGLATVK
<input checked="" type="checkbox"/>	1106	1158.4300	4629.6909	4629.2898	0.4011	2	5	2e+003	1	NLHMLQQMYNEWPFRRVTIDLIEMVFAKGDPGIAALYDK + Oxidat:
<input checked="" type="checkbox"/>	567	756.1400	1510.2654	1510.6973	-0.4319	0	5	1.2e+003	1	ENEIMSAQFDSLK
<input checked="" type="checkbox"/>	1233	860.1400	4295.6636	4296.2210	-0.5574	2	5	4.3e+002	1	VPRTASTPNAALLRQSLNGSASGLPTNHPSPSTLPESGLSSR
<input checked="" type="checkbox"/>	477	641.2800	1280.5454	1279.5901	0.9554	0	5	1.6e+003	1	DDLQAVMAMVR + 2 Oxidation (M)
<input checked="" type="checkbox"/>	198	418.1800	834.3454	832.4337	1.9117	1	5	2.1e+003	1	QRNMLR + Oxidation (M)
<input checked="" type="checkbox"/>	94	312.0700	622.1254	621.2871	0.8384	0	4	1.4e+003	1	EFGGGR
<input checked="" type="checkbox"/>	151	379.1700	756.3254	756.3766	-0.0512	0	4	1.8e+003	1	AHIDSSK
<input checked="" type="checkbox"/>	199	839.7400	838.7327	839.5116	-0.7789	0	4	1.1e+003	1	AAIPELVK
<input checked="" type="checkbox"/>	87	618.0700	617.0627	615.3744	1.6883	1	4	2.7e+003	1	LKAWV
<input checked="" type="checkbox"/>	138	717.5000	716.4927	716.4180	0.0747	2	4	2.7e+003	1	AEKKNK
<input checked="" type="checkbox"/>	27	504.2800	503.2727	504.2544	-0.9816	0	4	3.9e+003	1	ATADK
<input checked="" type="checkbox"/>	573	763.2200	1524.4254	1522.7263	1.6991	1	4	1.4e+003	1	EADYKEAVENLSR
<input checked="" type="checkbox"/>	150	755.5700	754.5627	755.3854	-0.8227	0	4	1.3e+003	1	NFVLTY
<input checked="" type="checkbox"/>	364	548.9800	1095.9454	1095.7016	0.2439	1	4	1.3e+003	1	VINPLIKATK
<input checked="" type="checkbox"/>	325	514.4600	1026.9054	1025.5182	1.3873	0	4	1.4e+003	1	YELVYSFR
<input checked="" type="checkbox"/>	52	548.9300	547.9227	546.2649	1.6578	0	4	2.1e+003	1	DTSFK
<input checked="" type="checkbox"/>	61	564.6700	563.6627	562.2421	1.4206	0	4	1.8e+003	1	GPD M K + Oxidation (M)
<input checked="" type="checkbox"/>	454	625.1500	1248.2854	1246.6591	1.6263	0	4	1.6e+003	1	LLTLMGELEGR + Oxidation (M)
<input checked="" type="checkbox"/>	569	761.5900	1521.1654	1521.8303	-0.6649	1	4	1.4e+003	1	VARYDELLQFIR
<input checked="" type="checkbox"/>	153	759.2700	758.2627	756.4242	1.8385	1	4	2.8e+003	1	TAGKGAPR
<input checked="" type="checkbox"/>	92	621.1600	620.1527	618.3449	1.8078	1	4	2.2e+003	1	SGKATR
<input checked="" type="checkbox"/>	49	542.5300	541.5227	540.2544	1.2684	0	4	8e+002	1	GYSSK
<input checked="" type="checkbox"/>	51	548.9200	547.9127	548.2992	-0.3865	0	4	2.2e+003	1	MAISK
<input checked="" type="checkbox"/>	284	487.9700	973.9254	973.5015	0.4240	0	4	2e+003	1	ARPLGGMEK + Oxidation (M)
<input checked="" type="checkbox"/>	128	351.3200	700.6254	701.3530	-0.7276	0	4	2.5e+003	1	SV M PPR + Oxidation (M)
<input checked="" type="checkbox"/>	155	766.0100	765.0027	765.4021	-0.3994	0	4	1.6e+003	1	LTSGNFK
<input checked="" type="checkbox"/>	245	462.4900	922.9654	923.4171	-0.4517	0	3	1.5e+003	1	GM T HTYAK + Oxidation (M)
<input checked="" type="checkbox"/>	127	701.4000	700.3927	700.3868	0.0059	0	3	2.9e+003	1	GIGDIAR
<input checked="" type="checkbox"/>	167	781.8900	780.8827	781.4559	-0.5731	0	3	1.4e+003	1	GRPLPSR
<input checked="" type="checkbox"/>	129	703.3900	702.3827	700.3504	2.0323	0	3	3.6e+003	1	GSAVDPR
<input checked="" type="checkbox"/>	165	778.8700	777.8627	777.3803	0.4824	1	3	2.2e+003	1	KCGATNK
<input checked="" type="checkbox"/>	588	772.6800	1543.3454	1543.8102	-0.4647	0	3	1.8e+003	1	IMLESGVPLADIMR
<input checked="" type="checkbox"/>	48	540.1600	539.1527	539.1468	0.0059	0	3	1.4e+003	1	CCSGG
<input checked="" type="checkbox"/>	74	590.1200	589.1127	589.3184	-0.2057	1	3	3.9e+003	1	TARVSG
<input checked="" type="checkbox"/>	239	907.8800	906.8727	906.4559	0.4168	1	3	2e+003	1	GSEKAYPR
<input checked="" type="checkbox"/>	392	572.1500	1142.2854	1140.5927	1.6927	0	3	2.1e+003	1	LHYAPADVQK
<input checked="" type="checkbox"/>	104	640.6600	639.6527	639.3050	0.3477	0	3	1.1e+003	1	AFAG M K + Oxidation (M)
<input checked="" type="checkbox"/>	136	712.1500	711.1427	710.3711	0.7716	1	3	1.4e+003	1	HDQKIA
<input checked="" type="checkbox"/>	470	635.2000	1268.3854	1266.6469	1.7386	1	3	2e+003	1	AFYAQAIRDGR
<input checked="" type="checkbox"/>	641	850.3100	1698.6054	1696.8315	1.7739	1	2	2.1e+003	1	CAGGNNAGHTIVVDGKK
<input checked="" type="checkbox"/>	99	633.9000	632.8927	632.3493	0.5434	1	2	3.4e+003	1	DVGSKK
<input checked="" type="checkbox"/>	602	789.4400	1576.8654	1577.7912	-0.9258	0	2	3e+003	1	GSWEVPIIFD M IR + Oxidation (M)
<input checked="" type="checkbox"/>	110	325.6900	649.3654	647.3061	2.0594	0	2	3.7e+003	1	GDIGMR
<input checked="" type="checkbox"/>	32	510.7100	509.7027	510.2438	-0.5411	0	2	1.2e+003	1	GGYSK
<input checked="" type="checkbox"/>	140	724.2800	723.2727	722.3963	0.8764	1	2	2.3e+003	1	ITFGKSA
<input checked="" type="checkbox"/>	209	431.3700	860.7254	860.3811	0.3444	0	2	3.2e+003	1	HV M TSDR + Oxidation (M)
<input checked="" type="checkbox"/>	109	649.8600	648.8527	649.3105	-0.4578	0	2	3.3e+003	1	LMNSAV + Oxidation (M)
<input checked="" type="checkbox"/>	123	690.8000	689.7927	690.3813	-0.5886	1	2	3.5e+003	1	AFRGALG
<input checked="" type="checkbox"/>	204	848.1700	847.1627	847.4188	-0.2561	0	2	3.4e+003	1	GLSFDPGR
<input checked="" type="checkbox"/>	68	578.8800	577.8727	578.3064	-0.4337	0	1	3e+003	1	GIVSFG
<input checked="" type="checkbox"/>	108	648.1100	647.1027	647.3312	-0.2285	0	1	4.4e+003	1	GAELMK
<input checked="" type="checkbox"/>	66	572.6200	571.6127	572.2918	-0.6791	0	1	3.8e+003	1	PQNSK
<input checked="" type="checkbox"/>	102	639.6900	638.6827	637.3105	1.3722	0	1	1.8e+003	1	SMGVTK + Oxidation (M)
<input checked="" type="checkbox"/>	73	587.2800	586.2727	587.2915	-1.0188	0	0	6.4e+003	1	GPDATK
<input checked="" type="checkbox"/>	1	307.2600	306.2527							
<input checked="" type="checkbox"/>	2	324.7000	323.6927							
<input checked="" type="checkbox"/>	3	350.3300	349.3227							
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<input checked="" type="checkbox"/>	5	357.3300	356.3227							
<input checked="" type="checkbox"/>	6	358.1200	357.1127							
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<input checked="" type="checkbox"/>	25	504.1800	503.1727							
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<input checked="" type="checkbox"/>	29	509.6500	508.6427
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<input checked="" type="checkbox"/>	44	529.2300	528.2227
<input checked="" type="checkbox"/>	46	529.3400	528.3327
<input checked="" type="checkbox"/>	50	544.1100	543.1027
<input checked="" type="checkbox"/>	54	552.8900	551.8827
<input checked="" type="checkbox"/>	56	558.7200	557.7127
<input checked="" type="checkbox"/>	59	562.7500	561.7427
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<input checked="" type="checkbox"/>	65	572.3400	571.3327
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<input checked="" type="checkbox"/>	71	583.6800	582.6727
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<input checked="" type="checkbox"/>	95	626.7100	625.7027
<input checked="" type="checkbox"/>	97	630.7300	629.7227
<input checked="" type="checkbox"/>	98	633.5900	632.5827
<input checked="" type="checkbox"/>	100	634.6900	633.6827
<input checked="" type="checkbox"/>	101	638.8000	637.7927
<input checked="" type="checkbox"/>	103	640.6200	639.6127
<input checked="" type="checkbox"/>	105	641.6700	640.6627
<input checked="" type="checkbox"/>	107	646.7200	645.7127
<input checked="" type="checkbox"/>	111	651.2800	650.2727
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<input checked="" type="checkbox"/>	113	657.6300	656.6227
<input checked="" type="checkbox"/>	114	329.9500	657.8854
<input checked="" type="checkbox"/>	116	671.0400	670.0327
<input checked="" type="checkbox"/>	117	672.6800	671.6727
<input checked="" type="checkbox"/>	133	706.5400	705.5327
<input checked="" type="checkbox"/>	134	707.6600	706.6527
<input checked="" type="checkbox"/>	137	716.7100	715.7027
<input checked="" type="checkbox"/>	139	719.0500	718.0427
<input checked="" type="checkbox"/>	148	747.3900	746.3827
<input checked="" type="checkbox"/>	154	761.0100	760.0027
<input checked="" type="checkbox"/>	159	770.8200	769.8127
<input checked="" type="checkbox"/>	176	788.3000	787.2927
<input checked="" type="checkbox"/>	181	793.1600	792.1527
<input checked="" type="checkbox"/>	184	796.9200	795.9127
<input checked="" type="checkbox"/>	195	833.1400	832.1327
<input checked="" type="checkbox"/>	258	936.5600	935.5527
<input checked="" type="checkbox"/>	267	951.8300	950.8227

Search Parameters

Type of search : MS/MS Ion Search
 Enzyme : Trypsin
 Fixed modifications : [Carbamidomethyl \(C\)](#)
 Variable modifications : [Oxidation \(M\)](#)
 Mass values : Monoisotopic
 Protein Mass : Unrestricted
 Peptide Mass Tolerance : ± 1.2 Da (# ^{13}C = 1)
 Fragment Mass Tolerance: ± 0.5 Da
 Max Missed Cleavages : 2
 Instrument type : ESI-TRAP
 Number of queries : 1239

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