



Mascot Search Results

User : GM
Email : gabriel.mazzucchelli@ulg.ac.be
Search title : Submitted from 081205-adj-OGE34-8558-other Euc-NCBI by Mascot Daemon on MASPEC39
MS data file : F:\DATA\Archives\ESQUIRE\2008-Esquire\Adjuvac\081205-OGE34-140min\081205-adj-OGE34_8558.mgf
Database : NCBI nr 20081117 (6550153 sequences; 2246496946 residues)
Taxonomy : Other Eukaryota (159618 sequences)
Timestamp : 8 Dec 2008 at 08:18:13 GMT
Significant hits: [gi|71399455](#) surface protein TolT [Trypanosoma cruzi strain CL Brener]
[gi|295363](#) heat shock protein 60
[gi|349838](#) heat shock protein
[gi|71414968](#) microtubule-associated protein [Trypanosoma cruzi strain CL Brener]
[gi|71662736](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71410853](#) 10 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]
[gi|71413559](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|111115853](#) beta tubulin [Trypanosoma evansi]
[gi|119859](#) RecName: Full=Flagellar calcium-binding protein; Short=FCABP; AltName: Full=1F8 protein; AltName: F
[gi|91983201](#) beta tubulin [Trypanosoma grayi]
[gi|10673](#) unnamed protein product [Trypanosoma cruzi]
[gi|71405064](#) 60S acidic ribosomal protein P2 [Trypanosoma cruzi strain CL Brener]
[gi|162030](#) calmodulin A
[gi|120679](#) RecName: Full=Glyceraldehyde-3-phosphate dehydrogenase, glycosomal; Short=GAPDH
[gi|71649650](#) surface protein TolT [Trypanosoma cruzi strain CL Brener]
[gi|71659663](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|18277736](#) RecName: Full=Chaperonin HSP60, mitochondrial; Short=Protein Cpn60; AltName: Full=groEL protein; Al
[gi|71667953](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71398774](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|2961256](#) putative malate dehydrogenase [Trypanosoma cruzi]
[gi|295361](#) BiP/GRP78
[gi|71402480](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|438910](#) elongation factor 1-alpha
[gi|91983200](#) alpha tubulin [Trypanosoma grayi]
[gi|133055](#) 60S acidic ribosomal protein P1
[gi|71418715](#) 60S acidic ribosomal protein [Trypanosoma cruzi strain CL Brener]
[gi|121960](#) Histone H2A.1
[gi|71416147](#) histone H2A [Trypanosoma cruzi strain CL Brener]
[gi|85822967](#) elongation factor 1-alpha [Schizochytrium aggregatum]
[gi|156987940](#) translation elongation factor 1-alpha [Phytophthora primulae]
[gi|114865174](#) translation elongation factor 1-alpha [Pythium sp. quercum]
[gi|85822985](#) elongation factor 1-alpha [Thraustochytriidae sp. P19]
[gi|89329735](#) translation elongation factor 1-alpha [Capsaspora owczarzaki]
[gi|146083153](#) elongation factor 1-alpha [Leishmania infantum JPCM5]

gi 56156664	elongation factor 1A [<i>Cribraria cancellata</i>]
gi 59859756	elongation factor 1 alpha [<i>Cyclotella cryptica</i>]
gi 704459	elongation factor 1 alpha [<i>Trypanosoma cruzi</i>]
gi 71663174	succinyl-CoA ligase [GDP-forming] beta-chain [<i>Trypanosoma cruzi</i>]
gi 71656402	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 1781355	histone H2A [<i>Trypanosoma cruzi</i>]
gi 13384081	histone H2A [<i>Leishmania infantum</i>]
gi 89329739	heat shock protein 70 [<i>Capsaspora owczarzaki</i>]
gi 183232119	heat shock protein70, hsp70A2 [<i>Entamoeba histolytica</i> HM-1:IMSS]
gi 10626	Heat shock protein 70 [<i>Trypanosoma cruzi</i>]
gi 123603	RecName: Full=Heat shock 70 kDa protein
gi 58042864	PPAT5 [<i>Hyaloperonospora parasitica</i>]
gi 123592	RecName: Full=Heat shock 70 kDa protein
gi 71650885	ATP-dependent DEAD/H RNA helicase [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 5139798	elongation factor 1 alpha [<i>Pyrsonympha grandis</i>]
gi 118766700	elongation factor-1 alpha [<i>Oxymonadida</i> environmental sample]
gi 71401749	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 438596	elongation factor 1-alpha
gi 71401492	fatty acid desaturase [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 167375825	hypothetical protein [<i>Entamoeba dispar</i> SAW760]
gi 71651158	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 9954108	RNA binding protein RGGm [<i>Trypanosoma cruzi</i>]
gi 15488542	centrin [<i>Leishmania donovani</i>]
gi 71412664	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 123436584	hypothetical protein [<i>Trichomonas vaginalis</i> G3]
gi 71407337	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 5566209	enolase 1 [<i>Trypanosoma cruzi</i>]
gi 160330959	hypothetical protein HAN_1g14 [<i>Hemiselms andersenii</i>]
gi 91983209	beta tubulin [<i>Leishmania mexicana</i>]
gi 71412308	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 58414949	polyubiquitin [<i>Stauracon pallidus</i>]
gi 154411942	hypothetical protein [<i>Trichomonas vaginalis</i> G3]
gi 11467023	RNA polymerase alpha chain [<i>Euglena gracilis</i>]
gi 123437981	hypothetical protein [<i>Trichomonas vaginalis</i> G3]
gi 123456564	hypothetical protein [<i>Trichomonas vaginalis</i> G3]
gi 146089176	vacuolar protein sorting-like protein [<i>Leishmania infantum</i> JPCM5]
gi 123416964	hypothetical protein [<i>Trichomonas vaginalis</i> G3]
gi 71659778	poly(A)-binding protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 71420441	hypothetical protein [<i>Trypanosoma cruzi</i> strain CL Brener]
gi 225587	tubulin alpha
gi 84105377	alpha tubulin 2 [<i>Rhynchopus</i> sp. ATCC 50230]
gi 116222245	alpha tubulin [<i>Thaumatomonas</i> sp. TMT002]
gi 914057	KMP-11=kinetoplastid membrane protein-11 [<i>Leishmania donovani</i> , LD3, promastigotes, Peptide Kinetopl
gi 84105385	cytosolic heat shock protein 70 [<i>Malawimonas jakobiformis</i>]
gi 53829566	HSP70 [<i>Nuclearia simplex</i>]

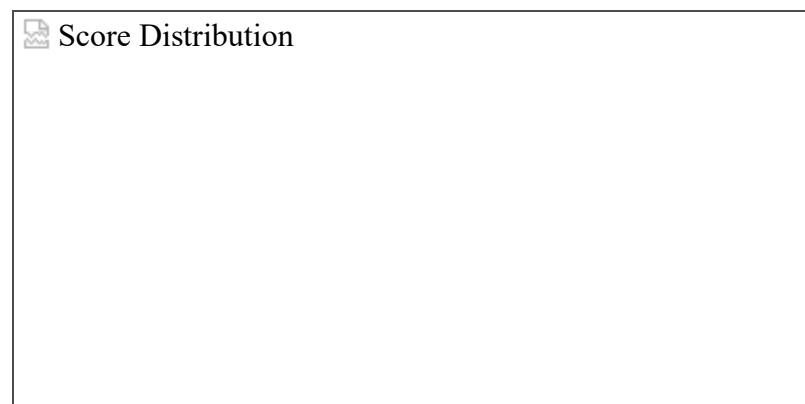
gi 8918240	hsp70 [Blastocystis hominis]
gi 71409962	calpain-like cysteine peptidase [Trypanosoma cruzi strain CL Brener]
gi 71411263	hypothetical protein Tc00.1047053507389.20 [Trypanosoma cruzi strain CL Brener]
gi 71407149	hypothetical protein [Trypanosoma cruzi strain CL Brener]
gi 71404920	hypothetical protein [Trypanosoma cruzi strain CL Brener]
gi 27734387	polyubiquitin [Euglypha rotunda]

Probability Based Mowse Score

Ions score is $-10 \cdot \log(P)$, where P is the probability that the observed match is a random event.

Individual ions scores > 42 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

Peptide Summary



[Help](#)

Significance threshold $p <$

Max. number of hits

Standard scoring ☐ MudPIT scoring ☒ Ions score cut-off

Show sub-sets ☐

Show pop-ups ☒ Suppress pop-ups ☐ Sort unassigned

Require bold red ☐

Select All

Select None

Search Selected

☐ Error tolerant

Archive Report

1. [gi|71399455](#) Mass: 24752 Score: 306 Queries matched: 6
surface protein TolT [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1343	1188.70	1187.69	1187.64	0.05	0	(15)	18	1	R.AAEQTVLSLEK.A
☒ 1344	594.90	1187.79	1187.64	0.15	0	68	9e-05	1	R.AAEQTVLSLEK.A
☒ 1345	594.94	1187.87	1187.64	0.23	0	(60)	0.0005	1	R.AAEQTVLSLEK.A
☒ 1615	751.04	1500.07	1499.83	0.23	0	110	5.3e-09	1	R.TLAQDVAATASALLR.Q
☒ 1925	720.10	2157.28	2157.10	0.18	0	(83)	2.3e-06	1	K.AAEAAQAAGIMTLDAVGEVLK.H
☒ 1926	1079.67	2157.33	2157.10	0.23	0	131	3.7e-11	1	K.AAEAAQAAGIMTLDAVGEVLK.H

Proteins matching the same set of peptides:

[gi|71402301](#) Mass: 32319 Score: 306 Queries matched: 6
surface protein TolT [Trypanosoma cruzi strain CL Brener]

-
2. [gi|295363](#) Mass: 59349 Score: 200 Queries matched: 5
heat shock protein 60

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1503	659.93	1317.85	1317.69	0.15	0	87	1.1e-06	1	R.NVIEQSYGAPK.I
☒ 1512	670.41	1338.81	1338.61	0.20	0	75	1.7e-05	1	R.GLIDGETSDYNR.E
☒ 380	696.47	1390.93	1390.73	0.19	0	50	0.013	1	K.AELEDAFVLVSAK.K
☒ 1667	804.02	1606.03	1605.92	0.11	0	26	1.1	1	R.AAVQEGIVPGGGVALLR.A
☒ 1709	846.99	1691.97	1691.81	0.16	0	89	7.1e-07	1	K.VLENNDVTVG YDAQR.D

Proteins matching the same set of peptides:

[gi|3023478](#) Mass: 59374 Score: 200 Queries matched: 5
RecName: Full=Chaperonin HSP60, mitochondrial; Short=Protein Cpn60; AltName: Full=groEL protein; Al
[gi|71665068](#) Mass: 59129 Score: 200 Queries matched: 5
chaperonin HSP60, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]
[gi|71665064](#) Mass: 59351 Score: 200 Queries matched: 5
chaperonin HSP60, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]

-
3. [gi|349838](#) Mass: 71488 Score: 198 Queries matched: 5

heat shock protein

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
694	435.27	868.53	868.51	0.01	0	25	1.3	2	K.GTLVPVQR.V
☒ 1477	650.40	1298.79	1298.62	0.17	0	62	0.00032	1	K.FEELNMELFK.G
☒ 1584	719.42	1436.83	1436.68	0.15	0	42	0.029	1	K.GDVHIIPNDMGNR.I
☒ 1592	725.45	1448.88	1448.75	0.12	0	102	3e-08	1	R.ITPSVVAFTETER.L
☒ 1716	851.43	1700.84	1700.78	0.06	0	88	7.2e-07	1	R.VEVDSLTEGDFSEK.I

Proteins matching the same set of peptides:

[gi|50659756](#) Mass: 71330 Score: 198 Queries matched: 5

heat shock protein 70 [Trypanosoma cruzi]

[gi|71415505](#) Mass: 71272 Score: 198 Queries matched: 5

glucose-regulated protein 78 [Trypanosoma cruzi strain CL Brener]

-
4. [gi|71414968](#) Mass: 125435 Score: 194 Queries matched: 6
microtubule-associated protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1595	726.94	1451.87	1451.73	0.15	0	74	1.9e-05	1	R.ALPLEEQEDVGPR.H
☒ 1596	727.46	1452.90	1452.71	0.19	0	72	3.1e-05	1	R.ALPLEEEEDVGPR.H
☒ 1600	734.41	1466.81	1466.70	0.11	0	67	0.00011	1	R.AL PQEEQEDVGPR.H
☒ 1601	734.95	1467.89	1467.68	0.20	0	65	0.00014	1	R.AL PQEEEEEDVGPR.H
☒ 1761	900.05	1798.09	1797.85	0.24	0	30	0.45	1	R.STTQDAYRPVDPSAYK.R
☒ 1762	600.38	1798.13	1797.85	0.28	0	(18)	7.7	1	R.STTQDAYRPVDPSAYK.R

Proteins matching the same set of peptides:

[gi|71400377](#) Mass: 85164 Score: 194 Queries matched: 6

microtubule-associated protein [Trypanosoma cruzi strain CL Brener]

-
5. [gi|71662736](#) Mass: 42788 Score: 176 Queries matched: 7
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1072	518.42	1034.83	1034.56	0.27	0	40	0.045	1	R.FVLASIEEK.E
☒ 259	620.39	1238.76	1238.56	0.20	0	55	0.0049	1	K.APEAAAEFDYR.E
☒ 1435	631.37	1260.73	1260.56	0.17	0	67	0.00012	1	R.DLNSAEIEAQR.S
☒ 1474	649.40	1296.78	1296.60	0.18	0	66	0.00014	1	K.VYASQEDMINK.N
☒ 1753	896.02	1790.02	1789.96	0.06	0	63	0.00027	1	K.AVESQLQVYSEVIGLR.K
☒ 1318	1178.00	2353.98	2354.07	-0.08	0	40	0.14	1	R.ELGEAAVQEFEEYSSASGAAPGR.R
☒ 2003	785.75	2354.24	2354.07	0.17	0	(13)	23	1	R.ELGEAAVQEFEEYSSASGAAPGR.R

6. [gi|71410853](#) Mass: 10694 Score: 160 Queries matched: 5
10 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1325	591.43	1180.85	1180.68	0.17	0	45	0.015	1	K.AGVLIPEQVAGK.V
☒ 1508	665.49	1328.97	1328.73	0.24	0	102	3.5e-08	1	K.VNEGTVVAVAAATK.D
☒ 70	444.02	1329.03	1328.73	0.30	0	(37)	0.36	1	K.VNEGTVVAVAAATK.D
☒ 1690	832.02	1662.02	1661.85	0.17	0	35	0.16	1	K.VDDTVLLPEFGGSSVK.V
☒ 1965	1129.63	2257.24	2257.08	0.16	0	79	5e-06	1	K.VEGEEFFLYNEDSLLGVLQG.-

Proteins matching the same set of peptides:

[gi|71410857](#) Mass: 20085 Score: 160 Queries matched: 5
10 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]

7. [gi|71413559](#) Mass: 44080 Score: 158 Queries matched: 4
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1341	594.43	1186.84	1186.63	0.21	0	63	0.0003	1	K.ALTEEWILGR.K
☒ 1582	717.95	1433.89	1433.71	0.19	0	69	6.6e-05	1	R.FHEQTSVNLFGFR.A
☒ 91	482.12	1443.33	1442.84	0.49	0	20	14	1	R.VLALNNPPRPQK.A

☒ [1708](#) 846.96 1691.91 1691.85 0.06 0 94 2e-07 1 K.ANESLDVLNLGQYTR.E

8. [gi|111115853](#) Mass: 49628 Score: 157 Queries matched: 4

beta tubulin [Trypanosoma evansi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
274	627.12	1252.24	1252.77	-0.53	1	6	4e+02	2	R.KLAVNLVPFPR.L
☒ 1516	671.43	1340.85	1340.64	0.21	0	87	8.8e-07	1	R.INVYFDEATGGR.Y
☒ 1589	723.93	1445.85	1445.68	0.17	0	41	0.038	1	K.EVDEQMLNVQNK.N
☒ 1785	924.50	1846.98	1846.87	0.11	0	90	5.4e-07	1	R.EIVCVQAGQCGNQIGSK.F + 2 Carbamidomethyl (C)

Proteins matching the same set of peptides:

[gi|115504281](#) Mass: 49672 Score: 157 Queries matched: 4

beta tubulin [Trypanosoma brucei]

[gi|169125731](#) Mass: 49655 Score: 157 Queries matched: 4

beta-tubulin [Trypanosoma evansi]

[gi|1220547](#) Mass: 49410 Score: 157 Queries matched: 4

beta tubulin

[gi|3915883](#) Mass: 49541 Score: 157 Queries matched: 4

Tubulin beta chain (Beta-tubulin)

[gi|18568139](#) Mass: 49668 Score: 157 Queries matched: 4

beta tubulin 1.9 [Trypanosoma cruzi]

[gi|71656281](#) Mass: 49668 Score: 157 Queries matched: 4

beta tubulin [Trypanosoma cruzi strain CL Brener]

9. [gi|119859](#) Mass: 23721 Score: 154 Queries matched: 7

RecName: Full=Flagellar calcium-binding protein; Short=FCABP; AltName: Full=1F8 protein; AltName: F

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 721	439.33	876.65	876.43	0.22	0	46	0.014	1	K.LDEFTPR.V
☒ 970	495.35	988.69	988.52	0.16	0	45	0.016	1	K.VEDPAALFK.E
☒ 1564	707.88	1413.75	1413.59	0.16	0	51	0.0036	1	K.LDADGDPDNVPESA.-

✓	1565	707.88	1413.75	1413.59	0.16	0	(37)	0.099	1	K.LDADGDPDNPESA.-
✓	1603	737.93	1473.84	1473.68	0.17	0	78	8.4e-06	1	K.GSEDFVEFLEFR.L
✓	1768	607.92	1820.74	1820.84	-0.11	0	27	1	1	K.LCYDEVHSGCLEVLK.L + 2 Carbamidomethyl (C)
✓	1832	979.63	1957.24	1956.92	0.32	0	62	0.00027	1	K.NGTGSVTFDEFAAWASAVK.L

Proteins matching the same set of peptides:

[gi|1552212](#) Mass: 23727 Score: 154 Queries matched: 7
calcium-binding protein [Trypanosoma cruzi]
[gi|71406002](#) Mass: 23827 Score: 154 Queries matched: 7
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71406004](#) Mass: 23799 Score: 154 Queries matched: 7
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71412217](#) Mass: 23707 Score: 154 Queries matched: 7
calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71656918](#) Mass: 23713 Score: 154 Queries matched: 7
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]

10. [gi|91983201](#) Mass: 42807 Score: 146 Queries matched: 4

beta tubulin [Trypanosoma grayi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
274	627.12	1252.24	1252.77	-0.53	1	6	4e+02	2	R.KLAVNLVPFPR.L
1516	671.43	1340.85	1340.64	0.21	0	87	8.8e-07	1	R.INVYFDEATGGR.Y
1785	924.50	1846.98	1846.87	0.11	0	90	5.4e-07	1	R.EIVCVQAGQCGNQIGSK.F + 2 Carbamidomethyl (C)
✓ 850	937.23	1872.45	1871.98	0.48	0	1	1.4e+03	1	R.IAHS�GGGTGSGMGTLLISK.L + Oxidation (M)

11. [gi|10673](#) Mass: 14649 Score: 144 Queries matched: 5

unnamed protein product [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
✓ 1120	533.36	1064.70	1064.55	0.15	0	(31)	0.33	1	R.TLADYNIQK.E
✓ 138	533.40	1064.79	1064.55	0.24	0	44	0.054	1	R.TLADYNIQK.E

✓	1126	534.41	1066.81	1066.61	0.20	0	46	0.012	1	K.ESTLHLVLR.L
✓	1734	874.52	1747.02	1746.89	0.13	0	99	5.8e-08	1	K.TIALEVESDITIENVK.A
✓	1735	583.36	1747.07	1746.89	0.18	0	(66)	0.00013	1	K.TIALEVESDITIENVK.A

Proteins matching the same set of peptides:

gi 10674	Mass: 8763	Score: 144	Queries matched: 5
unnamed protein product [Trypanosoma cruzi]			
gi 136677	Mass: 8504	Score: 144	Queries matched: 5
RecName: Full=Ubiquitin			
gi 162337	Mass: 40106	Score: 144	Queries matched: 5
ubiquitin precursor			

12. [gi|71405064](#) Mass: 10861 Score: 133 Queries matched: 3
60S acidic ribosomal protein P2 [Trypanosoma cruzi strain CL Brener]
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
✓ 1222	558.90	1115.78	1115.62	0.16	0	92	3.2e-07	1	R.SVATLVAEGAAK.M
✓ 1810	952.92	1903.84	1903.73	0.10	1	68	8.2e-05	1	K.KEEEEEDDDMGFGLFD.-
✓ 2104	902.56	2704.66	2704.36	0.30	0	25	1.3	1	K.MSAVAVSAAPAAGGAAAPAAAAGGAAAPAAADAK.K

13. [gi|162030](#) Mass: 16829 Score: 130 Queries matched: 2
calmodulin A
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
✓ 1524	675.46	1348.90	1348.62	0.28	0	87	1e-06	1	K.LTDEEVDEMIR.E
✓ 1819	964.50	1926.98	1926.85	0.13	0	73	2.3e-05	1	R.EADVGDGQINYEFEVK.M

Proteins matching the same set of peptides:

gi 71405209	Mass: 16814	Score: 130	Queries matched: 2
calmodulin [Trypanosoma cruzi strain CL Brener]			
gi 71411702	Mass: 23555	Score: 130	Queries matched: 2

calmodulin [Trypanosoma cruzi strain CL Brener]
[gi|71411704](#) Mass: 16824 Score: 130 Queries matched: 2
 calmodulin [Trypanosoma cruzi strain CL Brener]
[gi|74025586](#) Mass: 16828 Score: 130 Queries matched: 2
 calmodulin [Trypanosoma brucei TREU927]
[gi|122063212](#) Mass: 16845 Score: 130 Queries matched: 2
 Calmodulin (CaM)

14. [gi|120679](#) Mass: 39036 Score: 128 Queries matched: 5
 RecName: Full=Glyceraldehyde-3-phosphate dehydrogenase, glycosomal; Short=GAPDH

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
580	406.29	810.57	810.41	0.17	0	15	11	5	K.LTGMSFR.V
606	412.81	823.61	823.43	0.18	0	3	1.8e+02	8	K.AAAEGHLR.G
☒ 1547	692.96	1383.90	1383.77	0.13	0	28	0.74	1	R.AAAVNIIPSTTGAAG.A
☒ 205	596.60	1786.79	1786.95	-0.16	0	(59)	0.002	1	R.VPTPDVSVVDLTFTAAR.D
☒ 1751	894.56	1787.10	1786.95	0.15	0	102	3.2e-08	1	R.VPTPDVSVVDLTFTAAR.D

Proteins matching the same set of peptides:

[gi|53849823](#) Mass: 35106 Score: 128 Queries matched: 5
 glycosomal glyceraldehyde phosphate dehydrogenase [Trypanosoma cruzi]
[gi|53849825](#) Mass: 32281 Score: 128 Queries matched: 5
 glycosomal glyceraldehyde phosphate dehydrogenase [Trypanosoma cruzi]
[gi|71422448](#) Mass: 39008 Score: 128 Queries matched: 5
 glyceraldehyde 3-phosphate dehydrogenase [Trypanosoma cruzi strain CL Brener]
[gi|71650185](#) Mass: 38993 Score: 128 Queries matched: 5
 glyceraldehyde 3-phosphate dehydrogenase [Trypanosoma cruzi strain CL Brener]
[gi|159157547](#) Mass: 34955 Score: 128 Queries matched: 5
 glycosomal glyceraldehyde-3-phosphate dehydrogenase [Trypanosoma cruzi]
[gi|169264614](#) Mass: 31557 Score: 128 Queries matched: 5
 glycosomal glyceraldehyde-3-phosphate dehydrogenase [uncultured kinetoplastid]
[gi|169264616](#) Mass: 29907 Score: 128 Queries matched: 5
 glycosomal glyceraldehyde-3-phosphate dehydrogenase [uncultured kinetoplastid]

15. [gi|71649650](#) Mass: 33266 Score: 110 Queries matched: 2

surface protein TolT [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1161	544.84	1087.66	1087.62	0.04	1	16	15	5	K.LSATKAAGLEK.E
1615	751.04	1500.07	1499.83	0.23	0	110	5.3e-09	1	R.TLAQDVAATASALLR.Q

Proteins matching the same set of peptides:

[gi|71411130](#) Mass: 33092 Score: 110 Queries matched: 2

surface protein TolT [Trypanosoma cruzi strain CL Brener]

[gi|71411132](#) Mass: 33020 Score: 110 Queries matched: 2

surface protein TolT [Trypanosoma cruzi strain CL Brener]

16. [gi|71659663](#) Mass: 31532 Score: 110 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1681	818.47	1634.93	1634.78	0.15	0	110	5.2e-09	1	R.MVSENEAINDVVT.K

17. [gi|18277736](#) Mass: 59492 Score: 106 Queries matched: 3

RecName: Full=Chaperonin HSP60, mitochondrial; Short=Protein Cpn60; AltName: Full=groEL protein; Al

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1503	659.93	1317.85	1317.69	0.15	0	87	1.1e-06	1	R.NVIEEQSYGAPK.I
380	696.47	1390.93	1390.73	0.19	0	50	0.013	1	K.AELEDAFVLVSAK.K
827	925.21	1848.41	1848.89	-0.48	0	1	1.4e+03	2	K.VLENTDAAVGDAQLDR.Y

Proteins matching the same set of peptides:

[gi|71747654](#) Mass: 59466 Score: 106 Queries matched: 3

chaperonin Hsp60 [Trypanosoma brucei TREU927]

18. [gi|71667953](#) Mass: 45869 Score: 91 Queries matched: 4
hypothetical protein [Trypanosoma cruzi strain CL Brener]
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1182	549.90	1097.79	1097.57	0.22	0	29	0.54	1	K.NVLPEEIER.V
☒ 1372	602.83	1203.64	1203.63	0.00	0	41	0.046	1	R.IQSILSETGEK.E
☒ 1548	462.31	1383.91	1383.64	0.27	0	66	0.00011	1	R.HHSDDEVAAYIK.E
☒ 1577	714.47	1426.92	1426.73	0.19	0	54	0.002	1	K.ELPELQVLSEDR.A

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19. [gi|71398774](#) Mass: 29630 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1327	591.90	1181.78	1181.57	0.21	0	90	3.6e-07	1	K.FSVDVEYAPR.C

Proteins matching the same set of peptides:

- [gi|71398776](#) Mass: 27357 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71398971](#) Mass: 29609 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71404900](#) Mass: 29621 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71661320](#) Mass: 29622 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71668366](#) Mass: 29617 Score: 90 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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20. [gi|2961256](#) Mass: 34112 Score: 90 Queries matched: 3
putative malate dehydrogenase [Trypanosoma cruzi]
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
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117	515.43	1028.85	1028.59	0.26	0	19	21	2	R.VQVAGTEVVK.A
☒ 1281	578.46	1154.91	1154.70	0.21	0	77	1.2e-05	1	K.LLGVSLLDGLR.A
☒ 1368	602.39	1202.78	1202.62	0.15	0	54	0.0024	1	K.EMLEEAVGVVK.K

Proteins matching the same set of peptides:

[gi|71423452](#) Mass: 34063 Score: 90 Queries matched: 3
glycosomal malate dehydrogenase [Trypanosoma cruzi strain CL Brener]
[gi|71656813](#) Mass: 34046 Score: 90 Queries matched: 3
glycosomal malate dehydrogenase [Trypanosoma cruzi strain CL Brener]

21. [gi|295361](#) Mass: 71419 Score: 88 Queries matched: 3
BiP/GRP78

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
694	435.27	868.53	868.51	0.01	0	25	1.3	2	K.GTLVPVQR.V
1716	851.43	1700.84	1700.78	0.06	0	88	7.2e-07	1	R.VEVDSLTEGDFSEK.I
1954	746.80	2237.39	2237.20	0.19	2	1	3.7e+02	4	K.LGGKLDPNKAAVETAVAEAIR.F

Proteins matching the same set of peptides:

[gi|71755837](#) Mass: 71391 Score: 88 Queries matched: 3
glucose-regulated protein 78 [Trypanosoma brucei TREU927]

22. [gi|71402480](#) Mass: 37891 Score: 86 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1426	626.96	1251.91	1251.68	0.22	0	86	1e-06	1	R.HAELVQLSDLK.E

Proteins matching the same set of peptides:

[gi|71418019](#) Mass: 37850 Score: 86 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

23. [gi|438910](#) Mass: 43750 Score: 83 Queries matched: 3

elongation factor 1-alpha

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
☒ 1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
☒ 644	841.79	2522.36	2522.19	0.18	0	31	0.96	1	K.SIEMHHEQLAEATPGDNVGFNVK.N

Proteins matching the same set of peptides:

[gi|61207242](#) Mass: 47755 Score: 83 Queries matched: 3

elongation factor 1-alpha [Trypanosoma cruzi]

[gi|61207387](#) Mass: 49063 Score: 83 Queries matched: 3

elongation factor 1-alpha [Trypanosoma rangeli]

[gi|71746818](#) Mass: 37784 Score: 83 Queries matched: 3

elongation factor 1-alpha [Trypanosoma brucei TREU927]

[gi|71746820](#) Mass: 49075 Score: 83 Queries matched: 3

elongation factor 1-alpha [Trypanosoma brucei TREU927]

24. [gi|91983200](#) Mass: 49749 Score: 81 Queries matched: 3

alpha tubulin [Trypanosoma grayi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1721	572.73	1715.17	1714.91	0.26	0	(45)	0.015	1	R.AVFLDLEPTVVDEIR.T
☒ 1722	858.61	1715.21	1714.91	0.30	0	76	1.3e-05	1	R.AVFLDLEPTVVDEIR.T
☒ 925	971.42	2911.25	2911.34	-0.09	1	3	6.7e+02	1	K.YMACCLMYRGDVVPYDVNAAVATIK.T + 2 Carbamidomethyl (C); 2 Oxidation (N)

25. [gi|133055](#) Mass: 10747 Score: 81 Queries matched: 3

60S acidic ribosomal protein P1

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1220	558.86	1115.70	1115.58	0.11	0	24	1.9	1	K.NVDINDVLSK.V

1810	952.92	1903.84	1903.73	0.10	1	68	8.2e-05	1	K.KEEEEEDDDMGFGLFD.-
☒ 2072	850.54	2548.60	2548.34	0.26	0	34	0.22	1	K.VSFGGVAPAAGGATAAPAAAAAAPAAAAAK.K

26. [gi|71418715](#) Mass: 10747 Score: 81 Queries matched: 3

60S acidic ribosomal protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1220	558.86	1115.70	1115.58	0.11	0	24	1.9	1	K.NVDINDVLSK.V
1810	952.92	1903.84	1903.73	0.10	1	68	8.2e-05	1	K.KEEEEEDDDMGFGLFD.-
2072	850.54	2548.60	2548.34	0.26	0	34	0.22	1	K.VSFGGVAPAAGGATAAPAAAAAAPAAAAAK.K

27. [gi|121960](#) Mass: 13884 Score: 81 Queries matched: 1

Histone H2A.1

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1239	563.90	1125.78	1125.57	0.21	0	81	3.6e-06	1	R.HDDDIGTLLK.N

Proteins matching the same set of peptides:

[gi|121969](#) Mass: 13811 Score: 81 Queries matched: 1

Histone H2A.2

[gi|16973360](#) Mass: 13883 Score: 81 Queries matched: 1

histone H2A [Leishmania infantum]

[gi|73536838](#) Mass: 13814 Score: 81 Queries matched: 1

histone H2A [Leishmania major strain Friedlin]

[gi|73536842](#) Mass: 13841 Score: 81 Queries matched: 1

histone H2A [Leishmania major strain Friedlin]

28. [gi|71416147](#) Score: 81 Queries matched: 1

histone H2A [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
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[1239](#) 563.90 1125.78 1125.57 0.21 0 81 3.6e-06 1 R.HDDDLGTLLK.D

Proteins matching the same set of peptides:

[gi|71416149](#) Score: 81 Queries matched: 1

29. [gi|85822967](#) Mass: 34361 Score: 81 Queries matched: 3

elongation factor 1-alpha [Schizochytrium aggregatum]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
565	802.18	1602.34	1602.83	-0.49	1	12	1.3e+02	2	K.ALKSGDSGMIPSIPSK.R + Oxidation (M)

30. [gi|156987940](#) Mass: 34902 Score: 81 Queries matched: 3

translation elongation factor 1-alpha [Phytophthora primulae]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
1563	703.96	1405.90	1405.73	0.17	2	9	78	3	K.ELRRGFVASDEK.N

31. [gi|114865174](#) Mass: 33796 Score: 81 Queries matched: 3

translation elongation factor 1-alpha [Pythium sp. quercum]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
☒ 399	709.52	1417.03	1416.76	0.27	1	8	2.5e+02	1	R.SGEVLEANPKFVK.S

32. [gi|85822985](#) Mass: 28912 Score: 81 Queries matched: 3

elongation factor 1-alpha [Thraustochytriidae sp. P19]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
644	841.79	2522.36	2522.15	0.21	0	8	2.1e+02	3	K.SVEMHHESVPEAQPGDNVGFNVK.N + Oxidation (M)

33. [gi|89329735](#) Mass: 50628 Score: 81 Queries matched: 3
translation elongation factor 1-alpha [Capsaspora owczarzaki]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
644	841.79	2522.36	2522.15	0.21	0	8	2.1e+02	3	K.SVEMHHESLPEANPGDNVGFNVK.N + Oxidation (M)

34. [gi|146083153](#) Mass: 49097 Score: 81 Queries matched: 3
elongation factor 1-alpha [Leishmania infantum JPCM5]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
177	576.90	1727.67	1727.97	-0.31	2	3	8e+02	3	R.DMRQTVAVGIKGVNK.K

Proteins matching the same set of peptides:

[gi|157867408](#) Mass: 49085 Score: 81 Queries matched: 3
elongation factor 1-alpha [Leishmania major]
[gi|157867412](#) Mass: 49027 Score: 81 Queries matched: 3
elongation factor 1-alpha [Leishmania major]

35. [gi|56156664](#) Mass: 42035 Score: 81 Queries matched: 2
elongation factor 1A [Cribraria cancellata]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.IPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V

Proteins matching the same set of peptides:

[gi|56156697](#) Mass: 44176 Score: 81 Queries matched: 2

elongation factor 1A [Trichia persimilis]

[gi|61661537](#) Mass: 43522 Score: 81 Queries matched: 2

elongation factor 1F-alpha [Echinostelium arboreum]

[gi|50660706](#) Mass: 32133 Score: 81 Queries matched: 2

translation elongation factor 1 alpha [Phytophthora andina]

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36. [gi|59859756](#) Mass: 35861 Score: 81 Queries matched: 3
elongation factor 1 alpha [Cyclotella cryptica]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
614	828.84	2483.49	2483.12	0.37	0	1	1.2e+03	4	K.SVEMHHEALAEALPGDNVGYNCK.N

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37. [gi|704459](#) Mass: 43546 Score: 80 Queries matched: 5
elongation factor 1 alpha [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPLQDVYK.I
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
☒ 2053	831.17	2490.49	2490.27	0.23	0	23	2.1	1	R.VETGTMKPGDVVTFAPANVTTEVK.S
☒ 2056	836.50	2506.46	2506.26	0.20	0	(23)	2.2	1	R.VETGTMKPGDVVTFAPANVTTEVK.S + Oxidation (M)
644	841.79	2522.36	2522.19	0.18	0	31	0.96	1	K.SIEMHHEQLAEATPGDNVGFNVK.N

Proteins matching the same set of peptides:

[gi|1929445](#) Mass: 49018 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|52424046](#) Mass: 49067 Score: 80 Queries matched: 5
elongation factor alpha G5 [Trypanosoma cruzi]
[gi|61207234](#) Mass: 47727 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207240](#) Mass: 47728 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207250](#) Mass: 47741 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207254](#) Mass: 47727 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207256](#) Mass: 47843 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207272](#) Mass: 47767 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207288](#) Mass: 47711 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207296](#) Mass: 47667 Score: 80 Queries matched: 5
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|71408910](#) Mass: 49083 Score: 80 Queries matched: 5
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]
[gi|71408922](#) Mass: 42751 Score: 80 Queries matched: 5
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]
[gi|71664927](#) Mass: 49097 Score: 80 Queries matched: 5
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]

38. [gi|71663174](#) Mass: 45236 Score: 76 Queries matched: 1
succinyl-CoA ligase [GDP-forming] beta-chain [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1291	580.45	1158.89	1158.61	0.28	0	76	1.3e-05	1	R.TLEEVEAALGK.I

39. [gi|71656402](#) Mass: 143742 Score: 76 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1664	801.57	1601.12	1600.77	0.35	0	76	1.4e-05	1	R.GLQEVSEQAEDLQR.Q

Proteins matching the same set of peptides:

[gi|71409302](#) Mass: 132032 Score: 76 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

40. [gi|1781355](#) Score: 75 Queries matched: 1

histone H2A [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1283	578.90	1155.79	1155.56	0.23	0	75	1.6e-05	1	R.HDDDLGMLLK.D

Proteins matching the same set of peptides:

[gi|2222802](#) Score: 75 Queries matched: 1

[gi|18266856](#) Score: 75 Queries matched: 1

[gi|71409700](#) Score: 75 Queries matched: 1

[gi|71409702](#) Score: 75 Queries matched: 1

[gi|71649895](#) Score: 75 Queries matched: 1

[gi|71664770](#) Score: 75 Queries matched: 1

[gi|71664802](#) Score: 75 Queries matched: 1

41. [gi|13384081](#) Mass: 13942 Score: 75 Queries matched: 1

histone H2A [Leishmania infantum]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1283	578.90	1155.79	1155.56	0.23	0	75	1.6e-05	1	R.HDDDIGMLLK.N

Proteins matching the same set of peptides:

[gi|16973355](#) Mass: 13841 Score: 75 Queries matched: 1
histone H2A [Leishmania infantum]
[gi|16973359](#) Mass: 13872 Score: 75 Queries matched: 1
histone H2A [Leishmania infantum]

42. [gi|89329739](#) Mass: 53354 Score: 73 Queries matched: 3
heat shock protein 70 [Capsaspora owczarzaki]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	K.VEIIANDQGNR.T
1477	650.40	1298.79	1298.60	0.19	0	15	14	8	R.FEELCADLFR.G + Carbamidomethyl (C)
☒ 1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L

43. [gi|183232119](#) Mass: 24772 Score: 73 Queries matched: 3
heat shock protein70, hsp70A2 [Entamoeba histolytica HM-1:IMSS]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	R.VEIIANDQGNR.T
1439	633.38	1264.74	1264.59	0.15	0	5	1.8e+02	7	R.FSDPTIQNDTK.H
1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L

Proteins matching the same set of peptides:

[gi|183232244](#) Mass: 73979 Score: 73 Queries matched: 3
heat shock protein70, hsp70A2 [Entamoeba histolytica HM-1:IMSS]

44. [gi|10626](#) Mass: 74234 Score: 73 Queries matched: 3
Heat shock protein 70 [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	R.VEIIANDQGNR.T
1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L
469	751.58	1501.15	1500.77	0.37	1	6	4.1e+02	6	R.GRIPEDVLMASAR.E + Oxidation (M)

45. [gi|123603](#) Score: 69 Queries matched: 2

RecName: Full=Heat shock 70 kDa protein

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	R.VEIIANDQGNR.T
1477	650.40	1298.79	1298.60	0.19	0	15	14	8	R.FEELCGELFR.G + Carbamidomethyl (C)

46. [gi|58042864](#) Score: 69 Queries matched: 2

PPAT5 [Hyaloperonospora parasitica]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	K.VEIIANDQGNR.I
533	788.04	2361.09	2361.24	-0.15	1	0	1.8e+03	2	M.NLAKICFLAAAALANAASGSDK.G

Proteins matching the same set of peptides:

[gi|58042866](#) Score: 69 Queries matched: 2

47. [gi|123592](#) Mass: 56500 Score: 69 Queries matched: 1

RecName: Full=Heat shock 70 kDa protein

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1404	614.92	1227.83	1227.62	0.21	0	69	6.8e-05	1	R.LDIIANDQGNR.T

48. [gi|71650885](#) Mass: 46722 Score: 67 Queries matched: 3

ATP-dependent DEAD/H RNA helicase [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 148	547.88	1093.76	1093.55	0.21	0	30	1.4	1	R.ELQMIFEK.G

☒	1367	602.38	1202.75	1202.69	0.06	0	54	0.0021	1	K.TASFVIPVLEK.V
☒	1921	718.13	2151.38	2151.13	0.25	0	37	0.11	1	K.GFERPSPVQEEAIPVALQGK.D

Proteins matching the same set of peptides:

[gi|71747184](#) Mass: 46439 Score: 67 Queries matched: 3
ATP-dependent DEAD-box RNA helicase [Trypanosoma brucei TREU927]

49. [gi|5139798](#) Mass: 38369 Score: 62 Queries matched: 2
elongation factor 1 alpha [Pyrsonympha grandis]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
☒ 1496	658.43	1314.84	1314.66	0.18	1	27	1.1	1	R.GFVAGDAKNPPK.E

Proteins matching the same set of peptides:

[gi|5139800](#) Mass: 38387 Score: 62 Queries matched: 2
elongation factor 1 alpha [Pyrsonympha grandis]
[gi|7417248](#) Mass: 43987 Score: 62 Queries matched: 2
elongation factor 1 alpha [Dinenympha exilis]

50. [gi|118766700](#) Mass: 44258 Score: 62 Queries matched: 2
elongation factor-1 alpha [Oxymonadida environmental sample]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1047	513.39	1024.76	1024.60	0.16	0	62	0.00026	1	K.IGGIGTVPVGR.V
1169	545.84	1089.67	1089.55	0.12	1	4	1.9e+02	7	K.CGGIDKGAIEK.F

51. [gi|71401749](#) Mass: 26271 Score: 61 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
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☒ [1920](#) 718.00 2150.98 2150.91 0.07 0 61 0.00047 1 R.LADHCLASAGNQNTCSSMSK.L + 2 Carbamidomethyl (C)

Proteins matching the same set of peptides:

[gi|71415005](#) Mass: 26250 Score: 61 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

52. [gi|438596](#) Score: 59 Queries matched: 1
elongation factor 1-alpha

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
941	488.38	974.76	974.54	0.21	0	59	0.00095	1	R.LPIQDVYK.I

Proteins matching the same set of peptides:

[gi|585082](#) Score: 59 Queries matched: 1
[gi|1322226](#) Score: 59 Queries matched: 1
[gi|2147344](#) Score: 59 Queries matched: 1
[gi|2522342](#) Score: 59 Queries matched: 1
[gi|6017764](#) Score: 59 Queries matched: 1
[gi|6017766](#) Score: 59 Queries matched: 1
[gi|6017768](#) Score: 59 Queries matched: 1
[gi|6017770](#) Score: 59 Queries matched: 1
[gi|6017772](#) Score: 59 Queries matched: 1
[gi|6017774](#) Score: 59 Queries matched: 1
[gi|6017776](#) Score: 59 Queries matched: 1
[gi|6017778](#) Score: 59 Queries matched: 1
[gi|6017780](#) Score: 59 Queries matched: 1
[gi|6017782](#) Score: 59 Queries matched: 1
[gi|7417250](#) Score: 59 Queries matched: 1
[gi|34596984](#) Score: 59 Queries matched: 1
[gi|159108518](#) Score: 59 Queries matched: 1

53. [gi|71401492](#) Mass: 46811 Score: 56 Queries matched: 1
fatty acid desaturase [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1638	776.96	1551.91	1551.80	0.11	0	56	0.001	1	R.VDNLTVPAGPPDVMK.A

54. [gi|167375825](#) Mass: 24465 Score: 56 Queries matched: 1
hypothetical protein [Entamoeba dispar SAW760]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1486	651.98	1301.94	1301.68	0.25	0	56	0.0013	1	K.DVTIDISIAEAR.I

55. [gi|71651158](#) Mass: 16325 Score: 54 Queries matched: 5
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
938	975.52	974.51	974.45	0.06	0	6	3.6e+02	2	K.NMYTGVYK.A
☒ 1169	545.84	1089.67	1089.54	0.12	0	14	20	1	R.NSGSLSGVVDR.R
1171	545.86	1089.70	1089.54	0.16	0	(10)	53	5	R.NSGSLSGVVDR.R
☒ 1614	750.46	1498.90	1498.73	0.17	0	51	0.0042	1	K.QFTSTDADLLFNK.V
☒ 1792	931.94	1861.86	1861.87	-0.02	0	35	0.16	1	K.SVEELIADISSCSPEAR.A + Carbamidomethyl (C)

56. [gi|9954108](#) Mass: 34491 Score: 53 Queries matched: 2
RNA binding protein RGGm [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1569	710.44	1418.86	1418.70	0.16	0	53	0.0027	1	R.AVVEFVTPEDASR.A
☒ 1913	714.07	2139.20	2139.17	0.03	2	3	2.2e+02	1	K.RTSLRVLHVTAALMQGWGK.G + Oxidation (M)

Proteins matching the same set of peptides:

[gi|71410145](#) Mass: 34635 Score: 53 Queries matched: 2
RNA-binding protein RGGm [Trypanosoma cruzi strain CL Brener]
[gi|71652462](#) Mass: 33389 Score: 53 Queries matched: 2

RNA-binding protein RGGm [Trypanosoma cruzi strain CL Brener]

57. [gi|15488542](#) Mass: 16446 Score: 53 Queries matched: 1
centrin [Leishmania donovani]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 2060	839.42	2515.25	2515.12	0.12	0	53	0.0022	1	R.EAFNLFADGSGAIDAEEMALAMK.G

Proteins matching the same set of peptides:

[gi|71425751](#) Mass: 16513 Score: 53 Queries matched: 1
centrin [Trypanosoma cruzi strain CL Brener]

[gi|72391340](#) Mass: 16542 Score: 53 Queries matched: 1
centrin [Trypanosoma brucei TREU927]

[gi|146086774](#) Mass: 16465 Score: 53 Queries matched: 1
Ca2+-binding EF-hand protein [Leishmania infantum JPCM5]

[gi|154337629](#) Mass: 16487 Score: 53 Queries matched: 1
Ca2+-binding EF-hand protein [Leishmania braziliensis MHOM/BR/75/M2904]

[gi|157869481](#) Mass: 16437 Score: 53 Queries matched: 1
Ca2+-binding EF-hand protein; centrin [Leishmania major strain Friedlin]

58. [gi|71412664](#) Mass: 60479 Score: 51 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1648	788.98	1575.95	1575.78	0.18	0	51	0.004	1	R.SPGFNPAAVPYTPMK.T

59. [gi|123436584](#) Mass: 114954 Score: 51 Queries matched: 1
hypothetical protein [Trichomonas vaginalis G3]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1259	572.40	1142.78	1142.58	0.20	0	51	0.0043	1	R.SPELEEALQK.Y

60. [gi|71407337](#) Mass: 16350 Score: 50 Queries matched: 5

hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
938	975.52	974.51	974.45	0.06	0	6	3.6e+02	2	K.NMYTGVYK.A
1169	545.84	1089.67	1089.54	0.12	0	14	20	1	R.NSGSLSGVVDR.R
1171	545.86	1089.70	1089.54	0.16	0	(10)	53	5	R.NSGSLSGVVDR.R
1614	750.46	1498.90	1498.73	0.17	0	51	0.0042	1	K.QFTSTDADLLFNK.V
☒ 1774	612.35	1834.01	1833.84	0.17	0	27	1	1	K.SAEELIADISSCSPEAR.A + Carbamidomethyl (C)

61. [gi|5566209](#) Mass: 37655 Score: 50 Queries matched: 2

enolase 1 [Trypanosoma cruzi]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 905	482.81	963.60	963.48	0.12	0	29	0.71	1	K.AGSFNEALR.M
☒ 1493	655.47	1308.92	1308.74	0.18	0	50	0.005	1	K.NVNDVLAPALVGK.D

Proteins matching the same set of peptides:

[gi|5566210](#) Mass: 37596 Score: 50 Queries matched: 2

enolase 2 [Trypanosoma cruzi]

[gi|71665461](#) Mass: 46415 Score: 50 Queries matched: 2

enolase [Trypanosoma cruzi strain CL Brener]

62. [gi|160330959](#) Mass: 244710 Score: 50 Queries matched: 2

hypothetical protein HAN_1g14 [Hemiselmis andersenii]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1578	476.65	1426.93	1426.84	0.08	2	(16)	12	4	K.IVCGNLKNLKL.R + Carbamidomethyl (C)
☒ 1579	714.49	1426.96	1426.84	0.12	2	50	0.0052	1	K.IVCGNLKNLKL.R + Carbamidomethyl (C)

63. [gi|91983209](#) Mass: 12465 Score: 47 Queries matched: 1

beta tubulin [Leishmania mexicana]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 2164	1032.25	3093.72	3093.43	0.28	1	47	0.0061	1	K.FWEVIADEHGVDKTGSYQGDSDLQLER.I

64. [gi|71412308](#) Mass: 152202 Score: 46 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1767	607.43	1819.26	1818.95	0.31	0	46	0.014	1	R.LVVETELHPADAEIQR.R

Proteins matching the same set of peptides:

[gi|71649424](#) Mass: 151616 Score: 46 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

65. [gi|58414949](#) Score: 46 Queries matched: 3

polyubiquitin [Stauracon pallidus]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1126	534.41	1066.81	1066.61	0.20	0	46	0.012	1	K.ESTLHLVLR.L
1734	874.52	1747.02	1746.89	0.13	0	20	5.4	3	K.TITLEVEASDSIENVK.A
1735	583.36	1747.07	1746.89	0.18	0	(8)	89	6	K.TITLEVEASDSIENVK.A

66. [gi|154411942](#) Mass: 27817 Score: 46 Queries matched: 1

hypothetical protein [Trichomonas vaginalis G3]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1126	534.41	1066.81	1066.61	0.20	0	46	0.012	1	R.DTTIHLVLR.C

67. [gi|11467023](#) Mass: 18594 Score: 46 Queries matched: 1

RNA polymerase alpha chain [Euglena gracilis]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1108	528.42	1054.82	1054.71	0.11	2	46	0.01	1	K.ILLKIEAKK.A

Proteins matching the same set of peptides:

[gi|24638474](#) Mass: 25348 Score: 46 Queries matched: 1

RecName: Full=DNA-directed RNA polymerase subunit alpha; Short=PEP; AltName: Full=Plastid-encoded R

68. [gi|123437981](#) Score: 46 Queries matched: 1

hypothetical protein [Trichomonas vaginalis G3]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1108	528.42	1054.82	1054.68	0.15	0	46	0.01	1	K.LLLQISLK.N

69. [gi|123456564](#) Score: 46 Queries matched: 1

hypothetical protein [Trichomonas vaginalis G3]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1108	528.42	1054.82	1054.75	0.08	2	46	0.01	1	K.LLLKISLK.N

70. [gi|146089176](#) Score: 46 Queries matched: 1

vacuolar protein sorting-like protein [Leishmania infantum JPCM5]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1108	528.42	1054.82	1054.69	0.14	1	46	0.01	1	R.LLLKLQTAR.F

Proteins matching the same set of peptides:

[gi|157870858](#) Score: 46 Queries matched: 1

71. [gi|123416964](#) Score: 45 Queries matched: 1

hypothetical protein [Trichomonas vaginalis G3]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1108	528.42	1054.82	1054.65	0.17	1	45	0.011	5	R.ILLKNNVVK.K

72. [gi|71659778](#) Mass: 61371 Score: 45 Queries matched: 1

poly(A)-binding protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1310	585.90	1169.79	1169.64	0.15	0	45	0.013	1	K.VQEALVLR.H

Proteins matching the same set of peptides:

[gi|159162751](#) Mass: 9085 Score: 45 Queries matched: 1

Chain A, Solution Structure Of C-Terminal Domain From Trypanosoma Cruzi Poly(A)-Binding Protein

73. [gi|71420441](#) Mass: 7307 Score: 45 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1802	630.03	1887.06	1886.90	0.16	0	45	0.018	1	R.IYDDGDLKPGETTPPR.N

Proteins matching the same set of peptides:

[gi|71663656](#) Mass: 35448 Score: 45 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

74. [gi|225587](#) Score: 45 Queries matched: 2

tubulin alpha

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1721	572.73	1715.17	1714.91	0.26	0	(28)	0.86	2	K.AVFLDLEPTVIDEVR.T
1722	858.61	1715.21	1714.91	0.30	0	45	0.018	2	K.AVFLDLEPTVIDEVR.T

Proteins matching the same set of peptides:

[gi|1729839](#) Score: 45 Queries matched: 2
[gi|1755084](#) Score: 45 Queries matched: 2

-
75. [gi|84105377](#) Score: 45 Queries matched: 2
alpha tubulin 2 [Rhynchopus sp. ATCC 50230]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1721	572.73	1715.17	1714.88	0.29	0	(28)	0.86	2	R.AVMLDLEPTVIDEVR.T + Oxidation (M)
1722	858.61	1715.21	1714.88	0.33	0	45	0.018	2	R.AVMLDLEPTVIDEVR.T + Oxidation (M)

Proteins matching the same set of peptides:

[gi|84105383](#) Score: 45 Queries matched: 2

-
76. [gi|116222245](#) Score: 45 Queries matched: 2
alpha tubulin [Thaumatomonas sp. TMT002]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1721	572.73	1715.17	1714.91	0.26	0	(28)	0.86	2	R.AVFIDLEPTVIDEVR.T
1722	858.61	1715.21	1714.91	0.30	0	45	0.018	2	R.AVFIDLEPTVIDEVR.T

Proteins matching the same set of peptides:

[gi|116222249](#) Score: 45 Queries matched: 2
[gi|116222289](#) Score: 45 Queries matched: 2
[gi|156066414](#) Score: 45 Queries matched: 2

77. [gi|914057](#) Mass: 11254 Score: 45 Queries matched: 1
 KMP-11=kinetoplastid membrane protein-11 [Leishmania donovani, LD3, promastigotes, Peptide Kinetopl
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1194	553.38	1104.75	1104.58	0.17	0	45	0.018	1	K.FAELLEQK.A

Proteins matching the same set of peptides:

gi 1078694	Mass: 11255	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 - Leishmania donovani			
gi 2736232	Mass: 11106	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania braziliensis]			
gi 2736234	Mass: 11178	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania braziliensis]			
gi 2736240	Mass: 11151	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania braziliensis]			
gi 2736242	Mass: 11192	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania guyanensis]			
gi 2736244	Mass: 11148	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania guyanensis]			
gi 2736248	Mass: 11192	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania guyanensis]			
gi 2736250	Mass: 11162	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania guyanensis]			
gi 2736252	Mass: 11144	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania guyanensis]			
gi 3668342	Mass: 11220	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania panamensis]			
gi 3668346	Mass: 11118	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania panamensis]			
gi 3668348	Mass: 11144	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania panamensis]			
gi 4731407	Mass: 11117	Score: 45	Queries matched: 1
kinetoplastid membrane protein-11 [Leishmania braziliensis]			
gi 6166388	Mass: 9924	Score: 45	Queries matched: 1

KMP11 [Trypanosoma cruzi]

[gi|11225132](#) Mass: 11213 Score: 45 Queries matched: 1

kinetoplast membrane protein 11 [Leishmania amazonensis]

[gi|24286543](#) Mass: 11048 Score: 45 Queries matched: 1

kinetoplastid membrane protein 11 [Trypanosoma rangeli]

[gi|32892041](#) Mass: 11035 Score: 45 Queries matched: 1

kinetoplastid membrane protein 11 [Trypanosoma rangeli]

[gi|32892042](#) Mass: 11003 Score: 45 Queries matched: 1

kinetoplastid membrane protein 11 [Trypanosoma rangeli]

[gi|34922482](#) Mass: 11169 Score: 45 Queries matched: 1

RecName: Full=Kinetoplastid membrane protein 11B

[gi|34922485](#) Mass: 11255 Score: 45 Queries matched: 1

RecName: Full=Kinetoplastid membrane protein 11C

[gi|34922492](#) Mass: 11254 Score: 45 Queries matched: 1

RecName: Full=Kinetoplastid membrane protein 11; Short=KMP-11; AltName: Full=Lipophosphoglycan-asso

[gi|71413455](#) Mass: 10876 Score: 45 Queries matched: 1

kinetoplastid membrane protein KMP-11 [Trypanosoma cruzi strain CL Brener]

[gi|71417146](#) Mass: 11004 Score: 45 Queries matched: 1

kinetoplastid membrane protein KMP-11 [Trypanosoma cruzi strain CL Brener]

[gi|71745968](#) Mass: 11069 Score: 45 Queries matched: 1

kinetoplastid membrane protein KMP-11 [Trypanosoma brucei TREU927]

[gi|72548013](#) Mass: 11227 Score: 45 Queries matched: 1

kinetoplastid membrane protein-11 [Leishmania major strain Friedlin]

[gi|76365105](#) Mass: 11077 Score: 45 Queries matched: 1

kinetoplastid membrane protein 11 [Trypanosoma rangeli]

[gi|118603314](#) Mass: 11030 Score: 45 Queries matched: 1

kinetoplastid membrane protein 11 [Trypanosoma rangeli]

[gi|146101120](#) Mass: 11228 Score: 45 Queries matched: 1

kinetoplastid membrane protein-11 [Leishmania infantum]

[gi|154344763](#) Mass: 11162 Score: 45 Queries matched: 1

kinetoplastid membrane protein-11 [Leishmania braziliensis MHOM/BR/75/M2904]

[gi|3668340](#) Mass: 11211 Score: 45 Queries matched: 1

kinetoplastid membrane protein-11 [Leishmania panamensis]

78. [gi|84105385](#) Mass: 68015 Score: 44 Queries matched: 2

cytosolic heat shock protein 70 [Malawimonas jakobiformis]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1477	650.40	1298.79	1298.60	0.19	0	15	14	8	R.FEELCIDQFR.K
1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L

79. [gi|53829566](#) Mass: 51780 Score: 44 Queries matched: 2
HSP70 [Nuclearia simplex]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 89	472.04	1413.08	1413.64	-0.56	1	14	59	1	R.KFTDAEVQSDMK.H + Oxidation (M)
1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L

80. [gi|8918240](#) Mass: 71807 Score: 44 Queries matched: 2
hsp70 [Blastocystis hominis]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1609	744.47	1486.92	1486.69	0.23	0	44	0.021	1	R.TTPSYVAFTDTER.L
729	881.13	1760.25	1759.93	0.32	1	0	1.4e+03	2	K.LSKSEVDEVVLVGGSSR.I

81. [gi|71409962](#) Mass: 12839 Score: 43 Queries matched: 2
calpain-like cysteine peptidase [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1482	650.94	1299.86	1299.62	0.23	1	24	2.5	1	K.KQWAFYNDTK.E
☒ 624	833.44	1664.86	1664.80	0.05	0	43	0.072	1	K.YENGQPTFEGPTVVK.C

Proteins matching the same set of peptides:

[gi|71411006](#) Mass: 12798 Score: 43 Queries matched: 2
calpain-like cysteine peptidase [Trypanosoma cruzi strain CL Brener]

82. [gi|71411263](#) Mass: 15292 Score: 43 Queries matched: 1
hypothetical protein Tc00.1047053507389.20 [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1805	949.54	1897.07	1897.00	0.07	0	43	0.021	1	R.STLPELSLPDTSGGIPVSK.N

Proteins matching the same set of peptides:

[gi|71648856](#) Mass: 12540 Score: 43 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

83. [gi|71407149](#) Mass: 46733 Score: 42 Queries matched: 1
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 96	491.34	980.67	980.54	0.13	0	42	0.06	1	K.HDILQSLR.D

84. [gi|71404920](#) Mass: 25087 Score: 42 Queries matched: 3
hypothetical protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1442	634.40	1266.78	1266.66	0.12	0	42	0.028	1	R.ASVADQEGHILK.E
☒ 1746	592.03	1773.08	1772.90	0.18	0	13	27	1	R.VTFQFQVVGGNHDIR.A
☒ 1777	919.04	1836.06	1835.89	0.17	0	7	88	1	K.AIVACLDNTYAHYTPK.L + Carbamidomethyl (C)

85. [gi|27734387](#) Score: 42 Queries matched: 2
polyubiquitin [Euglypha rotunda]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1734	874.52	1747.02	1746.89	0.13	0	42	0.032	2	K.TITLDVEASDTIENVK.Q

[1735](#) 583.36 1747.07 1746.89 0.18 0 (25) 1.5 2 K.TITLDVEASDTIENVK.Q

Proteins matching the same set of peptides:

[gi|27734383](#)

Score: 42

Queries matched: 2

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
✓ 2111	905.76	2714.27	2714.05	0.22	1	41	0.029	1	YRDEEEMDDEGGLEEAQEGNDER
✓ 301	645.87	1289.73	1289.65	0.08	0	41	0.2	1	DGATFLDDPVIK
✓ 1578	476.65	1426.93	1426.85	0.08	1	41	0.042	1	ISLTNELIKQIR
✓ 1765	909.04	1816.06	1815.94	0.12	0	41	0.041	1	SVEELQWVDLFVPQK
✓ 1507	665.48	1328.94	1328.77	0.18	1	41	0.043	1	VKTLESLLAAER
✓ 1646	787.03	1572.04	1571.92	0.12	0	39	0.063	1	AIGSTITLITNSLIR
✓ 364	684.44	683.43	683.42	0.01	0	38	0.058	1	EPVVLK
✓ 857	470.42	938.83	938.58	0.25	0	38	0.092	1	LVIPGELAK
✓ 1930	722.13	2163.36	2163.03	0.33	0	37	0.11	1	LMEQLLDENPHDIAADPSR
✓ 711	437.80	873.58	873.53	0.05	0	37	0.16	1	VTFLPLGK
✓ 999	500.91	999.81	999.63	0.17	2	36	0.13	1	IKEIEKIK
✓ 1250	570.34	1138.66	1138.62	0.04	2	36	0.12	1	KCKMLEFLK
✓ 932	487.38	972.74	972.55	0.19	0	36	0.16	1	LEISALEAK
✓ 1061	516.42	1030.83	1030.55	0.29	0	35	0.19	1	VLMPAESR + Oxidation (M)
✓ 105	507.03	1518.06	1517.85	0.21	1	35	0.46	1	LFLGGTKPSKEDVK
✓ 1807	951.01	1900.01	1899.87	0.14	0	35	0.14	1	GGWAPAGSDVEGLQQSDAR
✓ 1225	559.38	1116.74	1116.64	0.10	0	33	0.24	1	TLIDNTLVTK
✓ 694	435.27	868.53	868.49	0.04	1	32	0.26	1	RDAGVVPR
✓ 559	797.75	796.74	796.47	0.27	0	31	1.1	1	ILLDLNP
✓ 1303	583.40	1164.79	1164.57	0.22	0	31	0.35	1	LENELMATTK + Oxidation (M)
✓ 1669	537.01	1608.01	1607.86	0.15	0	31	0.38	1	VVVVGSGAVDHTALER
✓ 1541	690.45	1378.88	1378.65	0.23	0	31	0.46	1	EAQLAAYSAENGR
✓ 155	558.93	1115.84	1115.55	0.29	0	31	1.5	1	QDDILLDER
✓ 1900	700.41	2098.21	2098.00	0.22	0	30	0.44	1	GLEHYGLDPTDAEVANEIR
✓ 647	421.85	841.68	841.50	0.18	0	30	0.36	1	VASILSPR
✓ 1597	730.98	1459.95	1459.74	0.21	1	30	0.49	1	YSVGEIYTKCIK + Carbamidomethyl (C)
✓ 1332	592.94	1183.87	1183.67	0.20	1	30	0.54	1	NVELQRQGLK

✓	1199	554.36	1106.71	1106.50	0.21	0	30	0.52	1	MTNEELQAR + Oxidation (M)
✓	537	789.85	1577.69	1577.85	-0.16	1	29	2.4	1	MKTEFLIQLDGVGK
✓	761	449.28	896.54	896.37	0.17	0	28	0.63	1	MTVDEMRR + Oxidation (M)
✓	1551	695.41	1388.81	1388.73	0.08	0	28	0.76	1	EISEVVLVGGMTR
✓	1241	564.39	1126.77	1126.56	0.21	0	28	0.76	1	GDISALHGAMR
✓	180	579.06	1156.11	1155.53	0.58	0	28	2.8	1	GAYEFWLDR
✓	2023	802.15	2403.43	2403.18	0.26	0	27	0.92	1	SVVMEVLGTALSVGCTIDGENPR + Carbamidomethyl (C)
✓	1193	1104.65	1103.65	1103.59	0.05	2	27	1.1	1	DNTIKETKR
✓	1161	544.84	1087.66	1087.59	0.07	0	27	1.2	1	SISEILANNK
✓	1304	583.90	1165.78	1165.53	0.25	0	27	0.9	1	WIEAEFDEK
✓	1104	527.39	1052.77	1052.62	0.15	0	27	0.88	1	LVLQPEGLGK
✓	1956	747.51	2239.50	2239.11	0.39	0	27	1.4	1	IQPSIPEDTTTGVGGLGNVDNR
✓	1170	545.85	1089.68	1089.60	0.08	1	26	1.3	1	LSMQVKSAR
✓	1350	597.38	1192.75	1192.63	0.11	1	26	1.1	1	GLSGYGQVTRR
✓	366	686.48	1370.95	1370.73	0.22	0	26	4.4	1	NIDIEIDELVAK
✓	1254	571.33	1140.64	1140.63	0.01	1	26	1.4	1	FLYSLRNTK
✓	1757	899.11	1796.21	1795.97	0.24	2	26	1.4	1	TTKIKSPEGASPGDLPAK
✓	1870	1011.56	2021.10	2020.96	0.14	1	26	1.2	1	NGREAATAAAASSAGVCTTGAK + Carbamidomethyl (C)
✓	1322	590.39	1178.78	1178.58	0.20	1	26	1.3	1	CPDAFEITKR
✓	1076	519.34	1036.67	1036.54	0.13	0	25	1.3	1	YLGDIITDK
✓	1605	738.46	1474.90	1474.71	0.19	1	25	1.5	1	QELEEMRAVQDK
✓	913	484.35	966.69	966.50	0.19	1	25	1.3	1	LKDYSQDK
✓	163	565.23	1128.45	1128.60	-0.15	0	25	4.3	1	LLQELEAGEK
✓	1397	611.44	1220.87	1220.59	0.28	0	25	1.7	1	ENHISFLSMK + Oxidation (M)
✓	1695	836.37	1670.73	1670.75	-0.02	0	24	1.9	1	NEDQQTGDAVGDAVPR
✓	1449	638.43	1274.84	1274.71	0.13	1	24	2	1	DVALAYLRAGAR
✓	1489	654.42	1306.82	1306.67	0.15	2	24	2.1	1	KIMEAGSWKNK + Oxidation (M)
✓	1315	588.36	1174.70	1174.63	0.07	1	24	2.4	1	DVPSQKNFIK
✓	1633	772.43	1542.85	1542.75	0.09	1	23	2.1	1	SAASYEARHGPIER
✓	1233	561.40	1120.79	1120.67	0.12	1	23	2.4	1	YLLCKIIAK + Carbamidomethyl (C)
✓	1102	526.38	1050.76	1050.57	0.18	0	23	2.4	1	VVAFLYDPK
✓	528	785.59	784.58	784.48	0.10	0	23	8.8	1	VLAVIDR
✓	1500	658.91	1315.81	1315.73	0.08	1	23	2.6	1	DVFGIHYKIPK
✓	1652	793.15	1584.29	1584.88	-0.58	0	23	4.7	1	GLPEEYAPLIASVVK

✓	1376	603.91	1205.80	1205.65	0.15	1	23	3	1	ARLSIFENTR
✓	1527	679.40	1356.78	1356.72	0.06	1	22	3	1	NLDDEIRILEK
✓	1851	994.54	1987.06	1987.06	0.00	1	22	2.5	1	SSVNELSLQRGDVIEITK
✓	1253	571.32	1140.62	1140.63	-0.01	1	22	3.2	1	TPRVVEDVAR
✓	1339	593.94	1185.87	1185.62	0.25	0	22	3	1	EIDVIEEIIAR
✓	1542	691.42	1380.82	1380.72	0.09	2	22	2.7	1	KNAEYKIDSVSK
✓	977	496.84	991.66	991.56	0.11	1	22	4.5	1	YSGVAALRR
✓	1412	412.31	1233.92	1233.61	0.30	1	22	3.1	1	SRTGMDEVALR
✓	469	751.58	1501.15	1500.72	0.42	0	22	12	1	VNLPCVNADGTVDK + Carbamidomethyl (C)
✓	1484	651.42	1300.82	1300.70	0.12	1	22	4.4	1	DQINNKTIEVK
✓	1465	645.31	1288.61	1288.61	-0.00	0	22	3.2	1	EVSVVNDAAEAK
✓	1782	920.06	1838.11	1837.78	0.34	1	21	3.1	1	AEEAGEACPISCSACKR + 2 Carbamidomethyl (C)
✓	1741	881.51	1761.01	1760.86	0.16	0	21	3.4	1	EVPGTENFEVETGVR
✓	989	499.42	996.82	996.62	0.19	0	21	3.4	1	LVLVVEPTK
✓	1674	540.46	1618.35	1617.85	0.50	2	21	6.6	1	PIGYPLVKAMDKDR + Oxidation (M)
✓	1675	811.98	1621.95	1621.82	0.13	1	21	3.6	1	NTKSLLLETMIEAEK + Oxidation (M)
✓	580	406.29	810.57	810.50	0.08	0	21	3.1	1	LTLSHLK
✓	277	629.36	628.35	628.33	0.03	0	21	3.8	1	GVGGPSR
✓	1855	665.77	1994.28	1994.01	0.27	1	21	4	1	EQAEGDSFIPGSKTIFLR
✓	1235	561.87	1121.72	1121.55	0.17	0	21	4.1	1	ELQNQTYAR
✓	1749	596.02	1785.05	1784.89	0.16	0	21	3.9	1	LQQESKPEQLDSVER
✓	980	497.34	992.66	992.52	0.14	1	21	3.9	1	YERWALR
✓	1934	1086.11	2170.20	2170.09	0.11	2	21	3.6	1	ACRGMQYVIDHEVPALRR + Carbamidomethyl (C)
✓	1064	517.35	1032.69	1032.52	0.17	1	20	5	1	DVGNAKNSTK
✓	1364	601.40	1200.78	1200.61	0.17	0	20	5.1	1	NVTADADAVVAR
✓	1463	644.99	1287.97	1287.64	0.33	1	20	5.6	1	DESREVNIAAGK
✓	1499	658.88	1315.76	1315.66	0.10	0	20	4.9	1	AYFADIAINYR
✓	1654	793.98	1585.94	1585.81	0.14	1	20	5.2	1	AREQQQAEEESLGIK
✓	1455	640.42	1278.82	1278.70	0.12	1	20	5.2	1	VLINGHDRDLK
✓	1691	556.50	1666.48	1666.71	-0.23	1	20	5.6	1	FMGCGPSSSTSSGYRK + Oxidation (M)
✓	1354	597.85	1193.69	1193.56	0.13	0	20	5.1	1	ICNFQAGTQR + Carbamidomethyl (C)
✓	42	300.46	598.91	598.34	0.57	0	20	9.3	1	DVLPR
✓	1534	683.41	1364.81	1364.62	0.19	0	20	4.8	1	DFLMLPCEGANR
✓	1553	695.94	1389.86	1389.72	0.14	1	20	6	1	KSIEALMEENVK

✓	320	327.81	653.61	653.37	0.24	1	20	3	1	SRVHR
✓	1665	803.43	1604.85	1604.86	-0.01	1	20	5.8	1	IICTNVINLEKSMK
✓	2009	1184.27	2366.53	2366.13	0.40	1	20	5.9	1	LCEELKSMTNEMINQLNNVK + Oxidation (M)
✓	414	717.89	716.88	716.37	0.51	0	20	15	1	AVVEDGK
✓	1461	643.95	1285.88	1285.67	0.21	1	19	5.7	1	RLGPSWATWGR
✓	19	269.25	804.74	804.47	0.27	2	19	7.7	1	AARGFRK
✓	597	819.27	818.26	818.43	-0.17	0	19	21	1	VVQVSCGK
✓	282	633.95	1265.88	1265.67	0.20	1	19	20	1	TQYSKSGLLNR
✓	772	903.23	902.22	902.49	-0.27	1	19	25	1	NSKATNLR
✓	1801	943.04	1884.06	1883.88	0.18	2	19	5.9	1	SNKSSSDQCPRAAVGSK
✓	117	515.43	1028.85	1028.61	0.24	1	19	21	1	LNVSITRAR
✓	1549	694.37	1386.72	1386.84	-0.12	2	19	7.2	1	MRLIRSLILEK + Oxidation (M)
✓	1428	627.89	1253.77	1253.53	0.24	0	19	6.2	1	DSASGISGSACGSR
✓	1857	999.06	1996.10	1996.10	0.00	1	19	8.7	1	GVAKALFDLDIQIEHSIK
✓	1655	529.66	1585.95	1585.84	0.11	2	18	7.5	1	LNASRGAAGGSVAGRSR
✓	1478	650.41	1298.81	1298.72	0.09	1	18	6.8	1	QLEIEAKALER
✓	1208	556.40	1110.80	1110.63	0.17	1	18	8.7	1	ISLASRHATR
✓	1872	1011.99	2021.97	2022.03	-0.07	2	18	6.7	1	AFSFAFRSASSLALRAFSS
✓	213	600.15	1198.28	1198.52	-0.25	1	18	27	1	FMWRDPQGY
✓	334	666.33	665.32	665.31	0.02	0	18	6.4	1	DMIGSK + Oxidation (M)
✓	1795	937.40	1872.79	1872.97	-0.18	1	18	6.7	1	GLPAESADRIGEYVQLR
✓	1509	665.92	1329.83	1329.76	0.07	2	18	8.7	1	NKLLNSVKMQR
✓	1538	687.40	1372.78	1372.63	0.15	1	18	7.5	1	KAENGTSSSAEHR
✓	1396	610.92	1219.82	1219.70	0.13	0	18	7.9	1	VFPGAIQFTK
✓	20	283.12	846.34	846.41	-0.08	1	18	14	1	GPRGASMR + Oxidation (M)
✓	50	371.11	1110.30	1110.58	-0.28	1	18	15	1	SQAHDGGAKK
✓	87	460.58	1378.72	1378.66	0.06	0	18	19	1	CVMVSEPTWVTK
✓	1581	717.54	1433.06	1432.70	0.36	2	18	10	1	HEARRLMDSFR + Oxidation (M)
✓	799	913.26	912.25	912.46	-0.21	0	18	29	1	FHPPYPR
✓	935	974.81	973.80	974.40	-0.60	0	18	27	1	DFFPMR + 2 Oxidation (M)
✓	190	586.39	1170.77	1170.49	0.28	0	18	23	1	DFDTVCTEGK + Carbamidomethyl (C)
✓	1288	579.86	1157.70	1157.62	0.08	2	18	8.9	1	RKDVEDALGR
✓	211	599.80	1796.37	1796.91	-0.54	1	18	29	1	VPCFDIRQIGMFLSR + Oxidation (M)
✓	1958	1126.16	2250.30	2250.02	0.28	1	18	8	1	NEWMSSGQGLKVDEDEGEVR + Oxidation (M)

✓	328	660.89	659.89	659.35	0.54	0	18	26	1	GEEVVK
✓	124	519.25	1036.48	1036.57	-0.09	0	18	20	1	ANIFGFLQK
✓	1453	639.42	1276.83	1276.62	0.21	0	17	9.1	1	AGGQVLQGGGDYR
✓	1298	582.84	1163.67	1163.59	0.08	0	17	11	1	MGSELVQAVSK + Oxidation (M)
✓	1166	1090.01	1089.00	1089.55	-0.55	2	17	34	1	MRNNDLRR + Oxidation (M)
✓	581	811.76	1621.50	1621.73	-0.24	0	17	25	1	AQASTAEPPHAEPR
✓	588	814.98	1627.95	1627.83	0.12	1	17	35	1	EPKLETEANEEVLK
✓	612	828.20	1654.39	1654.73	-0.33	0	17	34	1	DNDPMPNELDPINR + Oxidation (M)
✓	745	889.03	2664.07	2664.30	-0.22	1	17	41	1	RATAAAPTAVDGAIDDTTVGAAAYNSSK
✓	1967	1135.43	2268.85	2269.18	-0.33	2	17	9.4	1	LFLFKLETKSWVECGVDAK
✓	1114	1060.64	1059.63	1059.54	0.10	1	17	10	1	CIKPNDKK
✓	338	666.95	1331.89	1331.76	0.13	1	17	26	1	YNTPATVGLLRK
✓	416	718.83	717.82	718.31	-0.50	0	17	21	1	DGVDDAK
✓	1204	555.32	1108.63	1108.61	0.01	1	17	8.3	1	LSADTFSKLK
✓	1737	876.44	1750.86	1750.83	0.03	1	17	8.6	1	AVQEDNVERFEMLR + Oxidation (M)
✓	1359	599.90	1197.78	1197.69	0.09	0	17	8.9	1	QPFSLPQLLR
✓	1369	602.42	1202.83	1202.62	0.21	2	17	11	1	RDEMKGQIR
✓	1606	738.47	1474.93	1474.81	0.13	2	17	9.6	1	ELLKNMTELKEK
✓	553	796.37	795.36	795.44	-0.07	1	17	7.9	1	HEKINR
✓	1441	633.92	1265.82	1265.62	0.20	0	17	9.4	1	CIINCEISMIK
✓	931	973.28	1944.56	1944.07	0.48	2	17	40	1	MRDYSQVPSVLKRPLR
✓	1122	533.86	1065.71	1065.56	0.15	1	17	9.1	1	LYNMKEIR
✓	1610	744.91	1487.81	1487.82	-0.01	1	17	9.8	1	AKDVSEVVLVGGSTK
✓	122	519.17	1036.33	1036.57	-0.24	0	17	25	1	ANIFGFLQK
✓	1196	1106.12	1105.12	1105.53	-0.42	0	17	38	1	EVVDLMEQK + Oxidation (M)
✓	1798	939.65	1877.28	1876.98	0.30	0	17	12	1	MFLPSQILEVICNVAK + Carbamidomethyl (C); Oxidation (M)
✓	1480	650.83	1299.64	1299.58	0.06	1	17	14	1	KVEDMQTDYR + Oxidation (M)
✓	295	642.60	1924.78	1925.09	-0.32	1	17	35	1	DKSPTQVIAITLSGAVAVR
✓	342	672.18	2013.53	2014.05	-0.52	0	17	41	1	LTGYQTNTTPIILSHAER
✓	361	683.35	2047.03	2047.06	-0.02	1	17	25	1	RIEAEGDFELIASALTGQK
✓	370	689.95	2066.84	2067.03	-0.19	1	17	48	1	EFVEDTLQSFEVLEARR
✓	382	698.03	2091.07	2090.93	0.14	1	17	28	1	IAFGNSFKYAGCYSTFCR + Carbamidomethyl (C)
✓	1506	665.41	1328.81	1328.72	0.09	2	17	10	1	LDGNGALKRTER
✓	1878	1016.09	2030.16	2030.12	0.04	2	17	11	1	RHLVLPVWSCPRAELER + Carbamidomethyl (C)

✓	160	563.04	1124.06	1123.67	0.39	0	17	35	1	LSLSSILVHR
✓	156	559.66	1117.32	1117.70	-0.38	2	17	31	1	VINKKFITR
✓	270	624.81	1247.61	1247.61	-0.01	0	17	42	1	IDAEQEVAEFR
✓	197	591.36	1771.07	1770.92	0.16	1	17	29	1	DEHQGLLKYELLGEK
✓	1381	604.91	1207.80	1207.58	0.22	0	16	11	1	GDATLVQYADR
✓	1539	689.44	1376.87	1376.73	0.15	2	16	11	1	KARTTLSETNEK
✓	1991	770.42	2308.25	2308.20	0.05	2	16	10	1	IIEMVGMPSTQILDKGSKTK + 2 Oxidation (M)
✓	1604	738.43	1474.84	1474.68	0.16	0	16	11	1	IFDEEHVQAEMK
✓	454	741.92	1481.83	1481.67	0.16	1	16	41	1	AMRSGTAADGQDFR
✓	610	827.32	2478.95	2479.17	-0.22	2	16	34	1	YTDVPIMTDPARHDYMNIRR + Oxidation (M)
✓	1256	571.40	1140.80	1140.48	0.32	0	16	14	1	DFDTVCAEGK + Carbamidomethyl (C)
✓	207	598.92	1195.82	1195.53	0.28	0	16	31	1	CTQDMATIASR
✓	1982	762.49	2284.46	2284.22	0.24	2	16	14	1	EYSFRREEIISNIFQLLK
✓	330	663.36	1987.06	1987.09	-0.03	0	16	42	1	QGVLPNVVSYNTLLCLVR
✓	475	754.10	2259.27	2259.11	0.16	0	16	43	1	QCAYVATGMILIQANHTPK + Carbamidomethyl (C); Oxidation (M)
✓	1789	929.09	1856.17	1855.87	0.30	0	16	12	1	MQETEEQSLQLHEVR
✓	1974	761.59	2281.76	2282.05	-0.28	0	16	15	1	HDEEPTVTQQFDVEPENLR
✓	149	548.55	1642.62	1642.81	-0.18	2	16	42	1	DKIGNYAESMKMIK + Oxidation (M)
✓	1466	645.34	1288.66	1288.60	0.06	0	16	13	1	MNEYIDFITK + Oxidation (M)
✓	620	833.15	1664.28	1663.81	0.47	0	16	60	1	TMEDAATVVGEIFGPK
✓	147	547.83	1640.48	1640.94	-0.46	2	16	48	1	LARKEQCIALGAQLK
✓	1624	755.92	1509.82	1509.94	-0.12	0	15	14	1	EIIILITNLVIEK
✓	1994	776.47	2326.38	2326.18	0.19	2	15	14	1	GEEEMLIVGKQHSDEVAAIKK + Oxidation (M)
✓	268	623.54	1245.07	1245.64	-0.57	0	15	51	1	ICQISDEALVR
✓	1634	773.49	1544.97	1544.84	0.12	0	15	14	1	IFTPLLNEIETQK
✓	1545	692.42	1382.83	1382.82	0.00	1	15	14	1	ISRPLLNSLKDK
✓	2093	882.16	2643.46	2643.20	0.26	2	15	11	1	VDNNEEHKDNKTTNTSESKPDNK
✓	182	580.55	1159.09	1158.61	0.48	1	15	52	1	ANSNKVVASNR
✓	2028	807.85	2420.53	2421.07	-0.54	1	15	16	1	MLMDECTELINQCSEVKTFR + 2 Oxidation (M)
✓	177	576.90	1727.67	1727.90	-0.24	1	15	50	1	HKLGGMILCIPPYR
✓	1897	1048.64	2095.27	2095.05	0.22	0	15	14	1	TFVSTLDEICELSNQVLK + Carbamidomethyl (C)
✓	1868	1011.10	2020.18	2019.92	0.26	0	15	14	1	THAAPSSGGYSDDVLDMLK
✓	2047	826.29	2475.86	2476.25	-0.39	1	15	16	1	SPRDPDLLAVGGLDDSIYFVEAK
✓	864	943.13	1884.25	1884.04	0.21	1	15	49	1	AEIINAMVNVLLRSWR

✓	231	608.36	1214.70	1214.68	0.02	1	15	46	1	KLCGDALNILR
✓	1775	613.02	1836.04	1835.93	0.11	0	15	15	1	ICENFSQIIEGLTLK
✓	732	882.63	2644.88	2645.14	-0.26	2	15	56	1	AECVCVCVCVCVCVCVRRR + 6 Carbamidomethyl (C)
✓	1091	523.38	1044.74	1044.64	0.10	2	15	17	1	SLSLRKVS
✓	1528	679.48	1356.94	1356.72	0.21	1	15	18	1	NLDDEIRILEK
✓	1636	775.33	1548.65	1548.85	-0.21	1	15	16	1	SGVLISIFRTAEEK
✓	1657	794.48	1586.95	1586.79	0.16	1	15	19	1	LNALSNQEKANEK
✓	1563	703.96	1405.90	1405.60	0.30	1	15	19	1	EEFKDDFDFSK
✓	1479	650.42	1298.82	1298.61	0.21	1	15	16	1	MMARSSSSSISR
✓	1778	613.07	1836.17	1836.00	0.17	0	15	17	1	SATNVYGILDLPVFIK
✓	1887	687.40	2059.19	2059.05	0.14	2	15	16	1	TRLGTNKLTEEDNKPK
✓	291	641.16	640.16	640.25	-0.09	1	15	8.2	1	CCRIM + Oxidation (M)
✓	902	963.48	962.47	962.49	-0.02	0	15	50	1	MSSNNLVAK
✓	2063	840.87	2519.59	2519.00	0.59	0	15	20	1	CNACGTCQDLWCLVCGWVGCGK + 2 Carbamidomethyl (C)
✓	1959	751.14	2250.40	2250.02	0.37	0	15	17	1	GDLYELVEDGELHEQYWR
✓	1346	595.89	1189.76	1189.67	0.09	1	14	19	1	NLKDVITIMK + Oxidation (M)
✓	804	915.22	1828.42	1828.84	-0.42	1	14	67	1	EFPNEMAKHSPVNSDK
✓	208	599.13	1794.38	1793.92	0.46	1	14	60	1	CDVVLQGAICVKAFSK + 2 Carbamidomethyl (C)
✓	1977	761.82	2282.43	2282.05	0.37	1	14	16	1	NMERITLCCGGSAVCALDELK + Carbamidomethyl (C)
✓	267	623.47	1867.39	1866.94	0.45	0	14	66	1	RPIPPYTPQQGDANWK
✓	1639	778.49	1554.96	1554.88	0.08	2	14	18	1	ELSEVNRQIRALK
✓	238	612.02	1833.05	1832.96	0.09	2	14	53	1	KYLGLKCPHAQFTEAK
✓	1437	632.43	1262.85	1262.60	0.25	0	14	20	1	NINPANQSSYR
✓	1677	542.39	1624.15	1623.80	0.35	1	14	21	1	RATTGEHHSYRPRGR
✓	1797	626.76	1877.27	1876.95	0.32	1	14	21	1	LTDLKDMIEMPLDTVK + Oxidation (M)
✓	1218	558.37	1114.73	1114.63	0.10	1	14	18	1	LEESIRLQK
✓	1723	859.03	1716.05	1715.86	0.19	0	14	19	1	LLLEAETELSDAQER
✓	1980	762.15	2283.44	2283.17	0.27	1	14	20	1	NYSKELPEINITHQEDILK
✓	1012	1006.05	3015.13	3015.48	-0.34	1	14	76	1	MEVFDPFSQLGMIPSRILTTMDTASK
✓	1510	666.32	1330.62	1330.61	0.01	0	14	20	1	FDLPDLSSYK + Oxidation (M)
✓	681	863.43	2587.26	2587.22	0.04	1	14	58	1	GHYMNVTIATIENTMYERAFAK
✓	2014	793.15	2376.42	2376.28	0.14	2	14	17	1	LYLSLADIEEGKIIKVENDSK
✓	1612	747.45	1492.88	1492.67	0.21	1	14	19	1	MFGSGMKTMTGSVK + 2 Oxidation (M)
✓	749	890.48	889.47	889.40	0.07	0	14	26	1	HCCVIMK + Carbamidomethyl (C)

✓	232	609.38	608.38	608.23	0.15	0	14	15	1	FPDAC + Carbamidomethyl (C)
✓	81	447.67	1339.98	1339.72	0.26	2	14	42	1	ARLRGEVADPEK
✓	611	827.51	826.50	826.28	0.22	0	14	19	1	CAECNCK + Carbamidomethyl (C)
✓	385	699.87	1397.73	1397.77	-0.05	2	14	79	1	DLLRNVRDEIR
✓	1535	683.51	1365.01	1364.68	0.33	1	14	22	1	MMGLGTELKQNK + Oxidation (M)
✓	104	505.30	1512.87	1512.79	0.08	1	14	46	1	LSTPPAVADGRHHR
✓	788	908.96	907.95	907.50	0.45	2	14	85	1	RKSFSQR
✓	1121	533.43	1064.86	1064.73	0.12	1	14	22	1	LPAVKLLLAK
✓	1440	633.40	1264.79	1264.68	0.12	1	14	24	1	TIFASSENLRK
✓	101	500.44	998.87	999.46	-0.59	0	13	64	1	NDMHAQLR + Oxidation (M)
✓	1205	555.35	1108.69	1108.54	0.15	1	13	20	1	KEVFSEGGEK
✓	1883	679.96	2036.85	2036.91	-0.06	1	13	21	1	DTTVQSACCAREDAAPLMR
✓	613	414.79	827.56	827.45	0.11	0	13	21	1	ESGAVLPR
✓	344	672.66	1343.31	1342.73	0.58	1	13	79	1	EKGCKPVPLSTK + Carbamidomethyl (C)
✓	236	611.93	1221.84	1221.78	0.06	1	13	56	1	LVVAKLDVPLR
✓	1095	1048.71	1047.71	1047.50	0.20	0	13	87	1	ETLNDAVMR
✓	2078	855.84	2564.50	2564.37	0.12	2	13	23	1	RRPGLGPIVLTSGEAERETPALMV + Oxidation (M)
✓	590	815.38	814.37	814.48	-0.11	1	13	70	1	ALRSAAR
✓	242	614.86	1841.56	1842.06	-0.50	2	13	95	1	LDIEPVKFAIVTKNGAK
✓	1289	579.88	1157.75	1157.57	0.18	1	13	25	1	QRNYHPTSR
✓	529	785.74	784.73	784.47	0.26	2	13	68	1	RTKAGPR
✓	239	612.80	1835.39	1835.96	-0.57	2	13	83	1	SKDEFVNDVIKSISQK
✓	1758	599.75	1796.23	1796.82	-0.59	1	13	26	1	TRSELDAAQGMCMALK + Carbamidomethyl (C); Oxidation (M)
✓	1744	883.98	1765.95	1766.01	-0.06	2	13	22	1	FTFAKLSKLQALGNTK
✓	335	666.65	1996.93	1997.06	-0.12	0	13	81	1	CFWALHILEPASTGALLR
✓	336	666.82	1331.62	1331.77	-0.15	0	13	96	1	IELILVYVENK
✓	393	703.96	2108.85	2109.08	-0.23	1	13	1.1e+02	1	TPTPTTAAATATAAVSGEHAQR
✓	440	733.40	2197.17	2197.14	0.02	2	13	84	1	IKAYNKLHASQPPAQSMASR
✓	674	860.90	2579.69	2579.22	0.47	2	13	1.1e+02	1	GSQHRYATTQATGDGAYRNEAAVR
✓	1133	1071.72	2141.43	2140.99	0.44	2	13	85	1	VGVKWLADSCMQCELCRK + Carbamidomethyl (C); Oxidation (M)
✓	1272	1150.74	3449.19	3448.84	0.35	2	13	76	1	AERSFSYKPLPIEPEIVEIGHGEIWSKIPK
✓	2036	814.34	2440.01	2440.08	-0.07	2	13	20	1	DMEKMLEKVDSCSQVHEQFR + Carbamidomethyl (C); 2 Oxidation (M)
✓	299	644.36	643.35	643.30	0.05	0	13	75	1	GNNSPR
✓	1084	521.39	1040.76	1040.54	0.22	0	13	21	1	PAPTYTHVR

✓	127	523.39	1567.14	1566.79	0.35	0	13	59	1	VCGSLQFMATELLR
✓	1285	578.95	1155.88	1155.64	0.24	1	13	24	1	QRNALDAQLK
✓	224	604.72	1811.14	1810.90	0.24	1	13	95	1	HASMALIELMQRMK + Oxidation (M)
✓	626	834.43	833.42	833.50	-0.08	1	13	72	1	ALEKFVK
✓	740	886.48	2656.42	2656.30	0.12	2	13	70	1	RASQSATLHVAPPSCVKNNMQVMR + 2 Oxidation (M)
✓	650	423.27	844.52	844.50	0.02	1	13	34	1	VALDKTAK
✓	1941	1094.09	2186.16	2186.10	0.06	2	13	23	1	DILHNYKPTQKKEENDSK
✓	1447	636.91	1271.81	1271.71	0.10	2	13	27	1	AVAGSGGKRGTVGR
✓	1689	830.93	1659.85	1659.71	0.14	1	13	26	1	CRADVWFMPCFR + 2 Carbamidomethyl (C); Oxidation (M)
✓	398	706.69	705.68	706.23	-0.55	0	13	27	1	GHCCCK + Carbamidomethyl (C)
✓	1521	674.97	1347.92	1347.79	0.13	2	13	28	1	GKNTIKVQFSVK
✓	1265	574.01	1146.02	1146.51	-0.49	0	13	54	1	QCIGCWPAR + 2 Carbamidomethyl (C)
✓	1497	658.58	1315.15	1315.70	-0.55	2	13	52	1	SGEKAHPHKTPK
✓	34	297.16	888.47	888.51	-0.04	0	13	60	1	EYPVLIR
✓	565	802.18	1602.34	1601.82	0.53	0	13	1.2e+02	1	SQTTLTITWTASHR
✓	1176	1092.64	1091.63	1091.59	0.04	0	12	76	1	FLISEENIK
✓	1590	724.56	1447.11	1447.68	-0.57	0	12	42	1	CTHSISAFEQTPK
✓	1171	545.86	1089.70	1089.56	0.14	1	12	30	1	AKVCGWIEGK
✓	1090	1045.65	1044.64	1044.61	0.03	1	12	89	1	KGFAVPASLR
✓	544	792.57	2374.68	2375.18	-0.50	0	12	1.1e+02	1	LDFHCHLNGSVSASLLAHLER + Carbamidomethyl (C)
✓	1490	436.65	1306.92	1306.68	0.24	0	12	32	1	FVVSSEEEELLR
✓	308	650.46	1948.35	1947.90	0.45	2	12	1e+02	1	LPKRCIYDCESLYSCR
✓	1884	682.25	2043.74	2043.98	-0.24	1	12	26	1	EGCINVSNFFSLKMASPK + Carbamidomethyl (C); Oxidation (M)
✓	2057	836.60	2506.77	2506.26	0.51	1	12	44	1	AVDGDTSVVNQTLTKIALNMWK
✓	1488	653.01	1304.01	1303.80	0.21	0	12	40	1	ILHALMLVGPIK
✓	1004	1003.72	3008.15	3007.60	0.55	2	12	1.2e+02	1	LPIKANQYKTIGMIAGGTGITPMYQVAR + Oxidation (M)
✓	871	473.87	945.72	945.47	0.25	0	12	43	1	AFDPAAQAR
✓	1299	1165.07	3492.19	3492.49	-0.31	2	12	1.2e+02	1	NMCPSELYDSMSCVTLTQRICQEHTDCKK + 2 Carbamidomethyl (C); Oxidation (M)
✓	269	624.79	1247.57	1247.65	-0.08	2	12	1.1e+02	1	LIEGRMKEEK + Oxidation (M)
✓	1555	697.51	1393.01	1392.67	0.34	0	12	31	1	EMSLLEAMAIR + Oxidation (M)
✓	1498	658.86	1315.70	1315.71	-0.01	1	12	31	1	LIQNTIERSDK
✓	1336	1186.36	1185.35	1185.67	-0.31	0	12	1e+02	1	FVFTAVLPHR
✓	1366	601.90	1201.79	1201.68	0.11	1	12	37	1	NNARSSIILSK
✓	286	637.46	636.45	636.27	0.18	0	12	92	1	MAEMR

✓	1704	844.48	1686.94	1686.93	0.01	2	12	28	1	DIKKQIQTFPDINK
✓	1439	633.38	1264.74	1264.64	0.10	2	12	34	1	FSDLNEKERK
✓	1443	1270.15	1269.14	1268.81	0.33	2	12	1.2e+02	1	KILLKGLLDEK
✓	83	449.69	897.37	897.54	-0.17	1	12	76	1	GQPKVLTR
✓	1333	593.08	1184.14	1184.63	-0.48	2	12	57	1	TPREDGGVARK
✓	1867	1011.06	2020.10	2020.07	0.03	2	12	29	1	DKYVLMTLAVYTKFQGK + Oxidation (M)
✓	1950	741.98	2222.92	2222.95	-0.03	2	12	28	1	EEDNQGDKETKESETNSQR
✓	1198	1106.97	1105.96	1105.59	0.37	1	12	97	1	GLLAMSTRNK + Oxidation (M)
✓	1511	667.86	1333.71	1333.63	0.08	1	12	34	1	ELNEDKAAMAAR + Oxidation (M)
✓	1858	999.54	1997.07	1996.93	0.13	1	12	29	1	GVFSTCSDICSPSPSLRK + 2 Carbamidomethyl (C)
✓	1365	601.87	1201.73	1201.64	0.09	1	12	38	1	KSENAASLVQR
✓	1712	850.06	1698.10	1697.77	0.34	1	12	31	1	KMLDYAANSSEDAQR
✓	271	625.33	1248.65	1248.68	-0.03	1	12	79	1	TGNQKSLIFNK
✓	448	739.63	1477.24	1477.69	-0.45	0	12	1.2e+02	1	IMLDGPQQACTTK + Carbamidomethyl (C); Oxidation (M)
✓	1666	803.45	1604.89	1604.79	0.10	1	12	36	1	EVNTLFFFFKDSMK
✓	1546	692.72	1383.43	1383.74	-0.31	1	12	33	1	AIIERPMRNER
✓	819	922.20	2763.58	2763.12	0.46	1	12	1.1e+02	1	ARCFPDGMDATEPDNTFWMEWR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1323	1179.87	2357.72	2358.26	-0.54	2	12	99	1	AWPLWPFIAAVNCKKSASIEK
✓	522	782.74	2345.20	2345.34	-0.13	2	12	85	1	TLLMLACQRGQLSLVMALLKK + Oxidation (M)
✓	1203	1109.59	1108.58	1108.55	0.03	2	12	80	1	EEGEKFSKR
✓	62	427.40	852.79	852.37	0.42	0	12	94	1	SHSHEEK
✓	204	596.56	1191.10	1190.63	0.47	1	12	1.1e+02	1	LVNGIKDSSMK
✓	1671	807.92	1613.84	1613.81	0.02	2	12	34	1	DEVLKDQGERAAQR
✓	132	528.38	1054.75	1054.54	0.21	1	12	67	1	DRFTEIFK
✓	596	817.30	816.29	816.51	-0.22	1	12	1.1e+02	1	LLAKSSAK
✓	826	924.86	923.85	923.42	0.43	0	12	1e+02	1	SVVDCVMR + Oxidation (M)
✓	1591	724.93	1447.84	1447.74	0.10	0	12	34	1	ISDIICLQMDLK + Carbamidomethyl (C)
✓	1044	1024.15	1023.14	1023.52	-0.38	2	12	97	1	GRIKEMMK + 2 Oxidation (M)
✓	1245	567.37	1132.72	1132.62	0.10	1	12	38	1	AFRVADDVLK
✓	1195	1106.06	2210.10	2210.06	0.04	2	12	1.4e+02	1	GIMVGSGQKDEYVGDAAMARR
✓	1392	607.88	1213.75	1213.71	0.04	2	12	33	1	VLKSKDQAAVR
✓	1588	1446.15	2890.30	2890.43	-0.13	2	12	1.1e+02	1	FYIPTKCLHIDCIHRELIYR + 2 Carbamidomethyl (C)
✓	882	955.21	954.20	954.39	-0.19	0	12	28	1	SSSMMAGER
✓	130	524.81	1571.40	1571.84	-0.44	2	11	92	1	KRQCQTPLMVAAAR

✓	498	762.96	761.95	761.39	0.57	0	11	1.5e+02	1	VSAAVCR + Carbamidomethyl (C)
✓	918	968.86	2903.55	2903.47	0.08	2	11	96	1	AFASAANACHEAHQPQRSRASVVVQLR
✓	1544	692.41	1382.80	1382.68	0.12	0	11	34	1	EAAYSLLSCALDK
✓	1494	656.47	1310.92	1310.78	0.14	2	11	31	1	DVRSILPTVRR
✓	1853	997.59	1993.17	1992.85	0.32	1	11	31	1	MNMSAADAGTSYKCPYR + Carbamidomethyl (C)
✓	234	609.79	1826.36	1826.87	-0.51	0	11	1.4e+02	1	LIELMNNPENCPLR + Carbamidomethyl (C)
✓	248	617.62	1233.22	1232.62	0.59	1	11	1.4e+02	1	AEIEDKNSSIK
✓	188	585.41	1168.81	1168.58	0.23	1	11	85	1	SFIKAEDMTK
✓	1914	1070.64	2139.26	2139.03	0.23	2	11	36	1	TRVMEQDDAYEQLRELK + Oxidation (M)
✓	562	799.43	2395.27	2395.21	0.06	0	11	1e+02	1	CLLFILEIIVMACVAQETCR + Carbamidomethyl (C)
✓	1717	851.59	1701.16	1700.81	0.35	0	11	40	1	ELLAALMDAYYAADR + Oxidation (M)
✓	1790	621.15	1860.43	1860.07	0.36	0	11	68	1	VMATGQLLHIPVGAGVLGK
✓	312	651.33	1300.64	1300.64	-0.01	1	11	1.1e+02	1	EQASTLEKHMK
✓	322	656.08	1310.14	1310.60	-0.46	0	11	1.2e+02	1	DAMSAVAQPFMK + Oxidation (M)
✓	526	785.11	1568.20	1568.78	-0.58	1	11	1.2e+02	1	LSCLEFFRIDNR + Carbamidomethyl (C)
✓	651	845.95	2534.83	2535.33	-0.50	1	11	1.8e+02	1	AQHGMCLLRPINIDAVLSRCLR + Carbamidomethyl (C)
✓	838	465.86	929.71	929.48	0.23	0	11	50	1	VDLNVENK
✓	92	483.11	964.20	964.44	-0.25	0	11	1.1e+02	1	GCTYLHSK + Carbamidomethyl (C)
✓	219	603.76	1205.51	1205.65	-0.14	2	11	1.8e+02	1	IDLAGDKYRR
✓	1576	713.42	1424.82	1424.72	0.10	1	11	38	1	ISRYPYIPMNR + Oxidation (M)
✓	2120	914.87	2741.60	2741.37	0.23	2	11	31	1	TAADVERNGAVGGCSPEVCVAARLALR + Carbamidomethyl (C)
✓	1016	1007.71	3020.10	3019.54	0.56	2	11	1.3e+02	1	SPKPVASCAMPVMDNMKIFTNTPLVKK + Carbamidomethyl (C); Oxidation (M)
✓	1935	724.41	2170.22	2170.08	0.14	2	11	32	1	APDSWKMSHAQIVEIMRR + Oxidation (M)
✓	1947	737.81	2210.40	2210.11	0.29	0	11	42	1	TAEHSALRPASVAEADVMLR + Oxidation (M)
✓	1854	665.41	1993.22	1992.99	0.23	2	11	34	1	MRNRAACYFHATGVALR + Carbamidomethyl (C)
✓	1747	888.05	1774.09	1773.95	0.14	2	11	38	1	LYLFSKVTAMCIKNK + Oxidation (M)
✓	878	952.13	2853.38	2853.51	-0.13	2	11	1.2e+02	1	VSSSGSARLQSPAASTAALAPAVTSSAPRR
✓	432	728.85	2183.52	2184.09	-0.57	0	11	1.5e+02	1	HLLHNGWMEYQEVILFR
✓	854	939.22	2814.65	2814.31	0.34	2	11	1.4e+02	1	DIKKENPELIAHCSQSSQNSESEGG + Carbamidomethyl (C)
✓	896	961.03	2880.07	2880.30	-0.23	0	11	1.7e+02	1	MFCPVFLNPEASLGGLAVCGAHCAMR + 3 Carbamidomethyl (C); Oxidation (M)
✓	1257	571.42	1140.83	1140.60	0.23	1	11	44	1	RSVGPGQDVAR
✓	737	885.21	884.20	884.50	-0.30	0	11	34	1	SGAAPIELK
✓	1599	731.96	1461.91	1461.72	0.19	1	11	42	1	TIPANGKFSEDQR
✓	830	926.26	925.26	925.46	-0.20	1	11	33	1	EKYMVEK

✓	1242	564.90	1127.79	1127.59	0.20	2	11	40	1	AKAEAMKAHR + Oxidation (M)
✓	2022	799.14	2394.39	2394.26	0.13	2	11	38	1	IPRQYIIKVDLLFQSCCNK + 2 Carbamidomethyl (C)
✓	384	698.79	697.78	698.37	-0.59	0	11	1.2e+02	1	HSTNLK
✓	991	998.45	997.45	997.47	-0.03	0	11	34	1	SYDLNTTGK
✓	167	568.70	1135.38	1135.69	-0.31	0	11	86	1	ELIDPIVLPK
✓	675	861.04	860.03	860.49	-0.46	2	11	92	1	KKMELGR
✓	1623	755.90	1509.78	1509.94	-0.16	0	11	43	1	EIIILITNLVIEK
✓	266	623.27	1244.52	1244.70	-0.18	1	11	1.3e+02	1	SVIGKADLSEVK
✓	481	756.67	2267.00	2267.05	-0.05	0	11	1.4e+02	1	YESVSSVMMIGGIFVDSTAK + Oxidation (M)
✓	212	599.89	1197.78	1197.60	0.17	0	11	1.2e+02	1	YIFDSLDAVR
✓	129	524.34	1046.66	1046.55	0.10	1	11	88	1	LNSGMRELK
✓	858	939.90	2816.68	2816.36	0.33	2	10	1.5e+02	1	LNNLLKHKMIHHENTMYDGYAMK + Oxidation (M)
✓	146	546.82	1091.62	1091.60	0.02	0	10	1.7e+02	1	DVFTLSAALR
✓	215	602.84	1805.50	1804.96	0.54	1	10	2.4e+02	1	SITFPVDSKLQTINDK
✓	245	615.75	614.75	615.33	-0.59	0	10	67	1	IAEGAR
✓	516	774.55	773.55	773.40	0.15	0	10	59	1	FVPPDVT
✓	1963	1127.34	2252.66	2253.07	-0.41	0	10	69	1	EGAEVVVAAFYASSHVDAFR
✓	229	608.07	1821.19	1820.92	0.27	1	10	1.8e+02	1	LVHEFFRTCCLQLR + Carbamidomethyl (C)
✓	1302	1165.75	1164.75	1164.55	0.20	0	10	42	1	STPACYEPLK + Carbamidomethyl (C)
✓	1703	843.65	1685.29	1684.77	0.51	2	10	73	1	EAEMEFDMLLRK
✓	755	893.89	2678.64	2678.42	0.23	2	10	1.7e+02	1	NGTIIKECLLLKNQMGQMIITTK + Carbamidomethyl (C); 2 Oxidation (M)
✓	820	922.53	2764.58	2764.34	0.24	0	10	1.3e+02	1	DEDNQLELVQMYGVGNWNIIASK + Oxidation (M)
✓	192	586.89	585.89	586.29	-0.40	0	10	80	1	AMHTK
✓	1693	835.56	1669.10	1668.81	0.29	1	10	48	1	SIDATSVATTMASRSR + Oxidation (M)
✓	1985	766.07	2295.20	2295.16	0.04	2	10	47	1	YAKWNREIMLQNVLQAMR + 2 Oxidation (M)
✓	244	615.37	614.36	614.34	0.02	0	10	52	1	NVPTGK
✓	691	866.80	865.79	866.37	-0.57	0	10	56	1	MSEEEVK + Oxidation (M)
✓	566	802.48	801.47	801.47	-0.01	0	10	62	1	APIINFK
✓	1046	1025.63	1024.62	1024.56	0.06	0	10	1.4e+02	1	ENYVFIK
✓	1698	837.56	1673.10	1672.80	0.30	1	10	54	1	MNMAVQEYLTAKMK + Oxidation (M)
✓	1530	681.43	1360.84	1360.67	0.17	0	10	49	1	AAMAGISEDLLR
✓	929	486.67	971.33	971.57	-0.24	1	10	52	1	LAKADVLDK
✓	1018	1008.34	3022.00	3021.66	0.34	2	10	1.9e+02	1	QAMSFTQRGCSLPILLSSLLFLTAR
✓	397	705.59	1409.16	1409.64	-0.48	1	10	2e+02	1	VNRMSGMEDALR + 2 Oxidation (M)

✓	928	972.15	971.14	970.66	0.48	1	10	1.6e+02	1	IIKIPFLK
✓	158	561.52	1121.02	1120.48	0.54	0	10	1.9e+02	1	CGGCGSAGPSLR + Carbamidomethyl (C)
✓	1586	720.97	1439.93	1439.75	0.17	0	10	49	1	TYEELVPIVYSK
✓	133	528.99	1583.96	1583.78	0.18	0	10	1.4e+02	1	NAPTAANPPHGAVPDR
✓	143	542.61	1624.81	1624.93	-0.12	2	10	1.2e+02	1	ARLLEVKGELDNLK
✓	1754	896.42	1790.82	1790.75	0.08	0	10	62	1	YDTDANCAGTSTSGVCVK
✓	972	990.99	1979.97	1979.89	0.08	0	10	2.5e+02	1	HCGVENMFIDEVLFGDR
✓	1668	804.98	1607.94	1607.81	0.13	2	10	49	1	SRMQPYVDELKSR
✓	1953	1117.09	2232.16	2232.13	0.03	0	10	46	1	VYFALNLMNEDLFEFIVR
✓	1954	746.80	2237.39	2237.31	0.08	2	10	53	1	VNAKPLASLGKVTSEKPSGKVK
✓	622	833.29	2496.85	2496.37	0.47	2	10	2e+02	1	LVSVPMPRPVPRQELMDFLLR
✓	189	586.33	1170.65	1170.67	-0.02	2	10	1.4e+02	1	ELRRLVEEK
✓	1431	628.99	1255.96	1255.67	0.29	1	10	61	1	TLPGVAVLDDKE
✓	1952	744.15	2229.42	2230.00	-0.58	1	10	53	1	ASATCDAFKCAVAMYGFVFGK + Oxidation (M)
✓	2109	905.09	2712.25	2712.28	-0.03	0	10	40	1	QPSYFMSAIVSLYACLNGYLDDVK + Oxidation (M)
✓	968	988.90	2963.67	2963.41	0.26	0	10	1.7e+02	1	GHGLQQNPQDTTLNLSPTIEDENDSLK
✓	1922	719.02	2154.04	2154.05	-0.02	0	10	46	1	DGTSQSEALFCSGVASISVILA
✓	400	710.08	2127.23	2126.99	0.23	1	10	1.9e+02	1	ACQHCLRSLESPQETVNR + Carbamidomethyl (C)
✓	478	755.77	2264.29	2264.12	0.17	2	10	1.4e+02	1	IRRVDESLMCAFHFAVEGK + Carbamidomethyl (C)
✓	489	759.42	2275.24	2275.23	0.01	1	10	1.8e+02	1	EIAALTGLPARDPETGLPIWR
✓	1099	1050.86	1049.85	1049.52	0.33	2	10	1.6e+02	1	FFCKFCKK
✓	1417	622.39	1242.76	1242.54	0.22	1	10	57	1	CAEKEHENAR + Carbamidomethyl (C)
✓	2026	1203.60	2405.18	2405.26	-0.08	1	9	46	1	VTDLLEFFGVQGITAASPREQK
✓	1062	1031.95	3092.82	3093.32	-0.51	0	9	2e+02	1	ALSESGDGDNYSVMDLEDAAPPMFYIR + Oxidation (M)
✓	699	871.04	870.03	870.53	-0.50	2	9	78	1	KKPKENK
✓	1518	672.94	1343.87	1343.63	0.23	1	9	60	1	TPEELDNNRK
✓	790	909.57	1817.13	1816.98	0.15	0	9	1.7e+02	1	YLVELQPLTEAITEAK
✓	1209	1111.87	3332.58	3332.60	-0.02	2	9	1.8e+02	1	GKEETMKGADTSTTEVISAGNEEPPIISSGAAR
✓	922	970.80	2909.38	2909.32	0.06	0	9	1.7e+02	1	MPIMNELNVCVAQLQPSEFQCWGEK + Oxidation (M)
✓	337	666.89	1331.76	1331.72	0.04	2	9	2e+02	1	EQMAALEKLRK + Oxidation (M)
✓	916	968.09	967.08	967.50	-0.42	0	9	1.8e+02	1	GVNLLHCR + Carbamidomethyl (C)
✓	1042	1023.53	1022.52	1022.46	0.06	0	9	52	1	MYTTQHSR
✓	1650	792.50	1582.98	1582.73	0.25	1	9	53	1	TGEGVKEAFENMQK + Oxidation (M)
✓	938	975.52	974.51	974.58	-0.06	1	9	1.8e+02	1	TGGSTKVVK

✓	1278	1152.52	3454.54	3454.80	-0.26	1	9	1.5e+02	1	TQYTLFTAMIQENIQQLTLASTILGDIRK + Oxidation (M)
✓	423	722.42	1442.83	1442.83	-0.00	1	9	1.6e+02	1	VALGGSLLQKALCVK + Carbamidomethyl (C)
✓	640	840.16	839.15	839.36	-0.21	0	9	2e+02	1	AACGEFSR
✓	503	766.01	1530.00	1529.70	0.30	0	9	2e+02	1	SSQNSEVPQNSEPK
✓	1338	593.94	1185.86	1185.60	0.26	0	9	60	1	LNAEADDGLIR
✓	813	921.72	2762.13	2762.51	-0.38	1	9	2.1e+02	1	RGPSAEAMPNGLLLAIASTLADKPTLR
✓	556	797.23	2388.65	2389.04	-0.38	2	9	2.1e+02	1	LCCFDPLMCCREHPGSHRGTK
✓	1267	1148.29	3441.84	3441.58	0.26	1	9	2e+02	1	DSFEQVQHWMSEIDNHASQDVCRLLVGNK + Carbamidomethyl (C)
✓	371	690.02	689.01	689.32	-0.31	0	9	83	1	DIEEGK
✓	377	693.91	692.90	693.37	-0.47	0	9	1.1e+02	1	SMVITK + Oxidation (M)
✓	408	713.84	2138.48	2139.05	-0.57	1	9	2.1e+02	1	GSICLSVLQRVTMCVSDK + Carbamidomethyl (C); Oxidation (M)
✓	373	691.96	690.96	691.38	-0.42	1	9	1.1e+02	1	FGGRQK
✓	831	464.38	926.75	926.49	0.26	0	9	50	1	YLYINNK
✓	351	677.42	1352.83	1352.75	0.08	2	9	1.9e+02	1	HFVAGGAARRVGR
✓	521	780.59	2338.73	2338.19	0.55	2	9	2.2e+02	1	LCIWASAAAYARRGCLMLAQK + 2 Carbamidomethyl (C)
✓	1748	892.88	1783.74	1783.97	-0.22	2	9	60	1	ASVPSEQSGRLTRQLR
✓	738	885.30	2652.87	2652.37	0.50	1	9	1.9e+02	1	LAYRPVHMETLTNEVDSIPPAKR + Oxidation (M)
✓	664	854.28	1706.55	1706.84	-0.29	2	9	2.1e+02	1	KCKYLHVCPYSPR + 2 Carbamidomethyl (C)
✓	329	661.97	1321.93	1322.51	-0.58	0	9	2.5e+02	1	CQGAACGENGGGSR + Carbamidomethyl (C)
✓	806	459.33	916.65	916.40	0.25	0	9	73	1	VEYAYMAA
✓	323	657.11	1968.29	1968.04	0.26	2	9	2.5e+02	1	KVLLSGPPDCANWSRLR + Carbamidomethyl (C)
✓	1705	563.59	1687.74	1687.87	-0.13	0	9	66	1	NDPSIIMVDHLGLHK
✓	1401	1225.89	2449.77	2450.16	-0.39	2	9	1.8e+02	1	TSPALHDRESHSTRTEGSAAGQR
✓	430	724.96	1447.90	1447.63	0.26	0	9	1.8e+02	1	QGDASEVEEDIEK
✓	741	444.23	886.44	886.49	-0.05	0	9	85	1	ALIGTEAGR
✓	153	554.04	1106.07	1106.64	-0.57	1	9	2e+02	1	IICHLPKQR
✓	223	604.10	1809.29	1808.96	0.33	1	9	2.9e+02	1	AEVASILSIKGYSSQTR
✓	1990	767.54	2299.61	2299.14	0.47	1	9	98	1	HRSLPYHELMSTTVQELSR + Oxidation (M)
✓	974	496.34	990.66	990.60	0.06	1	9	72	1	RALVTIYR
✓	2174	1057.24	3168.69	3168.47	0.22	1	9	46	1	SHQTNCLCFLLPYSYHSPSPSIKFCMK + Carbamidomethyl (C); Oxidation (M)
✓	984	994.42	2980.24	2980.48	-0.25	1	9	1.8e+02	1	ININLEKDIISNNFTSSVDEMTTVQR
✓	263	621.92	1241.82	1241.68	0.13	1	9	2.2e+02	1	TLLAREANQAR
✓	1780	919.65	1837.28	1836.87	0.41	1	9	81	1	CAVACKIMTPLCNAASK + 2 Carbamidomethyl (C)
✓	316	654.00	652.99	653.32	-0.33	0	9	1.8e+02	1	FCSAVK

✓	151	552.39	1102.76	1102.59	0.17	0	9	1.5e+02	1	EPELLDFLK
✓	784	454.40	906.79	906.54	0.25	0	9	74	1	HALLQAVR
✓	194	587.67	586.67	586.34	0.32	0	9	69	1	GEIIR
✓	1008	502.91	1003.81	1003.52	0.29	1	9	76	1	APMSLRAR + Oxidation (M)
✓	1608	740.71	1479.40	1479.83	-0.43	0	9	88	1	VLSVSSSLFSLR
✓	702	872.05	2613.13	2613.35	-0.22	0	9	2.5e+02	1	GGVVEIQRPDFLLVTFGAHSNMAR
✓	417	718.96	1435.90	1435.76	0.15	1	9	2.8e+02	1	NRFVDAFVAIER
✓	1152	1084.22	2166.42	2166.25	0.17	0	9	2e+02	1	IFILCVLLVIHTNALIDEK
✓	942	976.08	2925.21	2925.57	-0.36	2	9	2.8e+02	1	IKTIYHAADVSLIFSQDYSLCIKK + Carbamidomethyl (C)
✓	367	686.84	685.83	686.43	-0.60	1	9	1.4e+02	1	AEVLKK
✓	1575	712.42	1422.83	1422.82	0.01	2	9	70	1	ARAAAPLVQRNTR
✓	868	945.81	944.80	944.53	0.27	1	9	2.4e+02	1	GLPSKQTSK
✓	1556	698.01	1394.00	1394.57	-0.57	1	8	68	1	CNGPGTSKGCSDR + Carbamidomethyl (C)
✓	1191	1103.19	3306.56	3306.68	-0.12	2	8	2.2e+02	1	HTLFAATTSLRGSMASLRSTSGSPMLPLTGR + Oxidation (M)
✓	2067	843.16	2526.45	2526.18	0.26	1	8	57	1	FAVDAAMAAPQVDAGTRHENYHR
✓	1138	1073.09	3216.26	3216.72	-0.46	1	8	2.7e+02	1	APVRCVAFSSNADQLISASIDGTIILLSLSR
✓	455	742.47	1482.93	1482.64	0.28	1	8	2.1e+02	1	GVPRMQDSESSMK + 2 Oxidation (M)
✓	480	756.39	2266.15	2266.13	0.01	0	8	1.8e+02	1	FIVNSDGLNSINIWSVETMK
✓	1557	698.49	1394.96	1394.82	0.14	1	8	69	1	EVGIAALQGKPGKK
✓	646	842.57	841.56	841.47	0.09	0	8	55	1	AALTPVDR
✓	1607	1478.64	4432.90	4433.30	-0.40	2	8	1.7e+02	1	MKPMSCSKQSAASVLLAVLLATTGTEGAANMGLLKGTWVPLCK + Carbamidomethyl (C)
✓	1804	631.85	1892.52	1892.75	-0.22	0	8	1.2e+02	1	MFTSSGCSGTCSGPTNAR + 2 Carbamidomethyl (C); Oxidation (M)
✓	88	461.73	1382.17	1381.79	0.38	0	8	1.9e+02	1	LLSTYIVPSYVK
✓	1517	671.99	1341.97	1342.53	-0.56	0	8	73	1	CFEGCPAPYDK + 2 Carbamidomethyl (C)
✓	466	747.51	746.50	746.40	0.10	0	8	2.6e+02	1	IDLVCK + Carbamidomethyl (C)
✓	59	379.48	756.94	757.38	-0.44	0	8	2e+02	1	FVVCYK
✓	85	453.91	1358.72	1358.74	-0.02	0	8	1.6e+02	1	SYQMLLLHVQK
✓	1719	854.47	1706.93	1706.84	0.09	2	8	71	1	CQDKTSSDKPSLSR
✓	246	616.56	615.56	615.33	0.22	0	8	3.6e+02	1	IDGGVR
✓	1570	710.47	1418.92	1418.63	0.29	1	8	84	1	CGNTERRPNGGCR
✓	162	563.58	1125.15	1125.63	-0.48	1	8	2.4e+02	1	LYRLPPPDR
✓	2207	1187.16	3558.47	3558.88	-0.42	1	8	56	1	ILMLVFNIMTISCPFYVKNAANICLSNLLLR + 2 Oxidation (M)
✓	1287	1158.42	1157.42	1157.57	-0.15	0	8	2.4e+02	1	LMSYYGRPR + Oxidation (M)
✓	1063	1032.56	3094.66	3094.48	0.17	2	8	2.3e+02	1	RTEPWGSVSGILYTDADGDAQRLTTEK

✓	412	716.16	715.16	715.34	-0.19	0	8	94	1	HATTMR
✓	157	560.64	1678.89	1678.75	0.13	1	8	2.2e+02	1	TILSYCGNICTKCF + 2 Carbamidomethyl (C)
✓	159	562.97	1685.89	1685.73	0.15	0	8	2.1e+02	1	IGSSATTVSCSNDVCSR
✓	1110	1056.46	1055.46	1055.52	-0.07	0	8	2.1e+02	1	ASMFADFVQR
✓	1583	718.87	1435.73	1435.74	-0.01	2	8	77	1	SSNNVNRHPRQK
✓	1594	725.91	1449.81	1449.67	0.14	1	8	76	1	NAGCVVNDMLDRK + Oxidation (M)
✓	492	760.32	759.31	759.42	-0.11	1	8	2.6e+02	1	DKASALR
✓	532	787.53	786.53	786.39	0.14	0	8	90	1	NPTPGSSK
✓	1680	815.05	1628.09	1627.89	0.20	1	8	86	1	RQPGVTIVHGHVGS GK
✓	777	904.71	2711.10	2711.42	-0.32	2	8	3.1e+02	1	LGEGTYGEVCKAVDILSNTFVALKK + Carbamidomethyl (C)
✓	1886	686.78	2057.33	2057.04	0.28	1	8	85	1	AGAFRRPPTAFHDTIGSEK
✓	319	327.77	653.52	653.32	0.19	0	8	45	1	DGVAHR
✓	1433	1258.87	3773.58	3773.80	-0.22	2	8	2.5e+02	1	KPNDNDFYFVHSHSPQYFSFRESKAWINSVK
✓	1656	794.45	1586.89	1586.88	0.01	1	8	94	1	VQAIKGT LIVCEGTR
✓	2147	999.61	2995.81	2996.38	-0.57	1	8	73	1	AFCQFCLDPIYQIFDAVMTEKQEK + 2 Carbamidomethyl (C); Oxidation (M)
✓	774	903.86	2708.56	2708.34	0.22	2	8	2.7e+02	1	LRHESAAAYALQLRQAMSTMTSEK + Oxidation (M)
✓	97	491.35	980.68	980.43	0.25	0	8	1.7e+02	1	GFASDNQSR
✓	1377	603.91	1205.81	1205.57	0.24	1	8	89	1	VASAEDEMAKR
✓	720	877.66	876.65	876.45	0.21	0	8	1e+02	1	NFAQIER
✓	948	979.46	1956.90	1957.02	-0.12	1	8	2.1e+02	1	CHILSGGTRLTFGNSPLK + Carbamidomethyl (C)
✓	1833	979.93	1957.86	1957.98	-0.12	2	8	70	1	HDCELAALRFQTVDRK + Carbamidomethyl (C)
✓	90	479.31	1434.91	1434.69	0.22	1	8	1.8e+02	1	SRS GSDPNIMTVR + Oxidation (M)
✓	636	420.32	838.63	838.44	0.19	1	8	76	1	VRQGHDK
✓	849	936.95	935.94	935.42	0.52	0	8	3.3e+02	1	WELSCGGGK
✓	764	898.24	2691.68	2691.17	0.51	0	8	2.9e+02	1	GEEWEHIIFYCCFLMMIQNNR + Oxidation (M)
✓	418	720.05	2157.12	2156.93	0.19	1	8	2.6e+02	1	MSYPTSQGE EASKEAGDNTR
✓	1960	751.43	2251.27	2251.04	0.23	1	8	71	1	VMVQLAACAQEDGTECGRVAK + Carbamidomethyl (C); Oxidation (M)
✓	119	518.93	1553.76	1553.72	0.04	0	8	2e+02	1	MSSVTAAISEAASACR
✓	747	889.33	888.32	888.38	-0.06	0	8	2.9e+02	1	GCAGDDPVR
✓	1532	682.93	1363.85	1363.61	0.24	1	8	87	1	NEATPXAGNKXLK
✓	523	782.88	781.88	781.29	0.59	0	8	1.1e+02	1	MESEDR + Oxidation (M)
✓	949	979.46	2935.37	2935.35	0.02	2	8	2.3e+02	1	ARQRQQEEQSITETTMPADEDELK + Oxidation (M)
✓	579	811.55	810.54	810.39	0.15	1	8	66	1	EKTYDR
✓	595	817.24	816.23	816.47	-0.23	2	8	3.4e+02	1	RRTSAAR

✓	139	534.36	1066.71	1066.44	0.28	0	8	1.9e+02	1	NMCAATPR + Carbamidomethyl (C); Oxidation (M)
✓	1598	488.30	1461.89	1461.69	0.20	1	8	91	1	AADASKAAETAETAEK
✓	314	653.18	1956.53	1956.14	0.39	1	8	2.8e+02	1	IQGNVLLNVAVTGGFTLKI
✓	1682	547.42	1639.23	1638.76	0.47	1	7	1.2e+02	1	VADMGCRLNFDAR + Carbamidomethyl (C); Oxidation (M)
✓	1898	699.45	2095.32	2095.18	0.14	0	7	85	1	GTLFLLSCSVQINSIFLK
✓	206	597.98	1193.94	1193.60	0.35	2	7	2.3e+02	1	KTMKEESVDK
✓	1729	580.78	1739.32	1738.85	0.47	0	7	1.4e+02	1	GFCQGGGPISLNFAPFK
✓	2051	830.56	2488.65	2488.30	0.35	2	7	1.1e+02	1	KDQRTTILDSVLDTIGSTPCIR + Carbamidomethyl (C)
✓	150	550.06	1098.11	1097.63	0.48	0	7	2.9e+02	1	LTLLVPEDAK
✓	1827	973.64	1945.28	1944.95	0.33	2	7	95	1	SYTGTFSAKDNNAVRR
✓	135	531.33	1590.96	1590.80	0.16	1	7	2.5e+02	1	SAQLPSKLSSAAGSCK + Carbamidomethyl (C)
✓	1660	795.13	1588.24	1587.91	0.33	1	7	1.6e+02	1	ARFTTAIQQIVNVK
✓	93	486.09	1455.26	1455.80	-0.55	2	7	2.7e+02	1	KNIQKLNGDLGEK
✓	914	967.72	966.71	966.54	0.17	1	7	78	1	WLHVKER
✓	969	494.99	987.97	988.51	-0.54	0	7	1.9e+02	1	EVDGSILEK
✓	1687	829.46	1656.91	1656.77	0.14	1	7	93	1	FREMLLLMDCNASV + Oxidation (M)
✓	341	669.45	1336.89	1336.61	0.28	1	7	2.4e+02	1	NACAEVMASEKK + Carbamidomethyl (C)
✓	1080	1040.02	2078.03	2078.09	-0.06	2	7	3.4e+02	1	MTKATKPSSYISKQFAYK
✓	1074	1036.35	2070.68	2070.10	0.58	0	7	3.2e+02	1	FLAAAEAAHAQIEHHLITK
✓	1834	980.03	1958.04	1958.09	-0.06	2	7	82	1	EFLNVRGKASVLQVSSPK
✓	241	613.87	1838.57	1838.01	0.56	1	7	2.9e+02	1	GQSQRVLLARPSEER
✓	1502	1317.49	3949.45	3949.79	-0.33	2	7	3.1e+02	1	MTTCRLMCALLVLALCYCPSVCAEETPKDTEAER + 3 Carbamidomethyl (C); Oxidation (M)
✓	1850	994.26	1986.51	1987.00	-0.50	1	7	1.5e+02	1	VTKIADNHSEELYALELR
✓	345	673.44	672.44	672.34	0.10	0	7	1.4e+02	1	IGGCAPR
✓	313	652.35	1302.69	1302.52	0.16	0	7	2.6e+02	1	YSVDECMTAER
✓	460	745.90	2234.67	2235.00	-0.33	1	7	5.1e+02	1	SPSTPVEGSMREAICAEYHR + Oxidation (M)
✓	261	620.74	1859.21	1858.86	0.34	1	7	3.3e+02	1	DWTRVSPVMPANAEDR + Oxidation (M)
✓	1755	597.96	1790.86	1790.96	-0.09	1	7	1.2e+02	1	RMHERPIGDLVEALR
✓	926	971.87	1941.73	1942.01	-0.28	2	7	2.7e+02	1	AIAESTVDPTINKDNRK
✓	1733	873.09	1744.17	1743.77	0.40	2	7	99	1	MKEPLKCSSTTGMMN + Carbamidomethyl (C); Oxidation (M)
✓	1939	726.41	2176.21	2176.18	0.02	2	7	86	1	TVGMAATCISSINVSLGRIK
✓	128	523.83	522.82	522.24	0.58	0	7	14	1	FGGDK
✓	2193	1117.72	3350.13	3350.68	-0.55	2	7	1.1e+02	1	AENVLLVVIRCNTCHSVGTVCHLCDVRVK + 3 Carbamidomethyl (C)
✓	2029	808.41	2422.22	2422.16	0.06	0	7	81	1	GASALGAHLGVGDSAAAAVGTGGGGGGGR

✓	354	679.07	2034.19	2033.99	0.20	0	7	4e+02	1	IIPEDLNAADFGDGYSIPK
✓	1184	1099.89	1098.89	1098.48	0.40	0	7	2.8e+02	1	CGYAEACVGVK
✓	333	665.38	664.37	664.32	0.05	0	7	82	1	CTAAATK
✓	1223	1116.84	3347.49	3346.89	0.60	2	7	3.4e+02	1	ALDKKDYQSLELQLHGTLLATVNVGPVAIK
✓	1504	660.45	1318.88	1318.60	0.28	0	7	1e+02	1	AMNNTIYGTYR + Oxidation (M)
✓	1627	764.93	1527.85	1527.81	0.04	0	7	1.1e+02	1	LLQSAVCAAPTIER + Carbamidomethyl (C)
✓	1495	1315.70	3944.07	3943.88	0.19	2	7	2.4e+02	1	MSWSSLFALLIIAMHAHDEVCARCLHDKCLQTR + 2 Carbamidomethyl (C); 2 Oxidation (M)
✓	249	618.54	1235.07	1235.61	-0.54	0	7	4.7e+02	1	AVVSSDFIGDAR
✓	318	654.29	1306.57	1306.64	-0.07	0	7	2.7e+02	1	NYKPGNAPQYR
✓	1864	1008.83	2015.64	2016.06	-0.42	2	7	1.3e+02	1	MNFAKACLHLDINTIKK + Carbamidomethyl (C)
✓	1039	1022.55	1021.54	1021.52	0.02	1	7	2.9e+02	1	AGGAGSVMKTK + Oxidation (M)
✓	501	765.02	2292.04	2292.20	-0.16	2	7	3.3e+02	1	ECQLEVVKYLLISIGADKEAK + Carbamidomethyl (C)
✓	1386	606.39	1210.77	1210.71	0.05	1	7	88	1	QAAELAARIIR
✓	907	964.73	963.72	963.62	0.10	0	7	1.2e+02	1	LIPVAAKPR
✓	2059	837.47	2509.40	2509.30	0.09	2	7	1.1e+02	1	EIEIKEENKENNIENLPLSVR
✓	164	567.17	1698.48	1698.81	-0.33	0	7	2.9e+02	1	DSEAVLAAEDGVGDVPR
✓	1357	599.43	1196.84	1196.77	0.07	2	7	98	1	KPVRKVTITR
✓	1117	1061.90	3182.68	3183.22	-0.55	2	7	3e+02	1	KCLKCDSNCETCYGISTYCMSCSNDK + 5 Carbamidomethyl (C)
✓	1043	1023.72	3068.13	3068.60	-0.47	2	7	3.5e+02	1	YHERIHDIIVAEASSAQVYLQMRILAR
✓	1572	710.99	1419.96	1419.73	0.24	0	7	1e+02	1	MVLWELMDIVR + Oxidation (M)
✓	568	804.06	803.05	802.51	0.54	0	7	1.9e+02	1	AIALFIR
✓	1232	1121.67	1120.66	1120.57	0.09	1	7	3.1e+02	1	EKGQIMPR
✓	485	758.45	757.44	757.36	0.08	0	7	1.2e+02	1	TFDFTK
✓	1841	656.69	1967.04	1967.12	-0.07	2	7	1.1e+02	1	RIVENAGNNGSIIEKIK
✓	274	627.12	1252.24	1252.54	-0.30	0	7	3.8e+02	1	ALQECNGDFEK
✓	386	700.49	699.48	699.39	0.09	0	7	3.6e+02	1	DTVPIR
✓	1027	1014.33	2026.65	2027.00	-0.35	0	7	3.9e+02	1	IEMEAIIDGWDDLPLVVGR
✓	1837	982.61	1963.21	1962.91	0.30	2	7	1.2e+02	1	ACVEDNLSAPDLDRKCSK
✓	2149	1002.72	3005.13	3005.58	-0.45	1	7	1.1e+02	1	CFNLVILKHIEIIDEIYEIIEIDFK + Carbamidomethyl (C)
✓	1307	1167.59	1166.59	1166.51	0.07	1	7	2.8e+02	1	YTRNMDHSK + Oxidation (M)
✓	1353	1194.55	1193.54	1193.59	-0.05	1	7	2.7e+02	1	GAAFSASRSGQR
✓	326	657.43	1969.27	1968.95	0.33	0	7	3.4e+02	1	NVNIPHLQTINECGFDR
✓	1160	1088.34	3262.01	3261.58	0.44	1	7	3.9e+02	1	TSTMDKDAEPEQLVFNFVSDYVIELLSR + Oxidation (M)
✓	1383	1209.77	1208.76	1208.71	0.05	0	6	3.3e+02	1	ELGLPVLAEIR

✓	884	956.56	955.55	955.45	0.10	0	6	1e+02	1	INGHDCIK + Carbamidomethyl (C)
✓	1871	674.81	2021.40	2021.98	-0.59	0	6	1.5e+02	1	SNYLSFLENIYNINR
✓	1525	676.02	1350.03	1349.65	0.39	1	6	1.3e+02	1	FGSQADIDWRR
✓	1938	1088.80	2175.59	2176.18	-0.59	2	6	1.7e+02	1	AALAAQARELSELRTVHQR
✓	1481	650.89	1299.76	1299.79	-0.02	2	6	1.5e+02	1	SREKNLTVILK
✓	1909	707.26	2118.76	2119.14	-0.39	2	6	1.2e+02	1	DERAALGLLGWLPPGRWR
✓	451	371.14	740.27	740.38	-0.11	1	6	65	1	EPKDPR
✓	963	985.06	984.06	984.53	-0.47	0	6	4e+02	1	IYASQYLK
✓	1424	1252.21	1251.21	1251.60	-0.40	1	6	3.3e+02	1	EANAREMFLR + Oxidation (M)
✓	606	412.81	823.61	823.41	0.20	0	6	83	1	VATGSFDK
✓	1927	720.13	2157.36	2157.05	0.31	0	6	1.1e+02	1	APVISEQSPPEMTLEELQK
✓	956	982.49	981.48	981.42	0.06	0	6	3.2e+02	1	NNPDMTYK
✓	185	582.95	1745.82	1745.87	-0.04	2	6	3e+02	1	TWCRFAVTTYRQSK
✓	1988	767.23	2298.67	2299.17	-0.50	0	6	1.7e+02	1	TSLANQFSQTLLSFISQSEAK
✓	591	816.09	2445.25	2445.41	-0.16	2	6	4.3e+02	1	TGSGKTLAFLIPIVEIISRAGFR
✓	1670	538.63	1612.86	1612.73	0.14	0	6	1.4e+02	1	HNEELQSQLCEAR + Carbamidomethyl (C)
✓	1714	850.19	1698.37	1698.83	-0.46	1	6	2e+02	1	CPRVDIVHMIGGSSR + Carbamidomethyl (C); Oxidation (M)
✓	196	590.36	1768.06	1767.83	0.23	2	6	3.5e+02	1	EVCEEACEKFKGLAR + Carbamidomethyl (C)
✓	1763	905.63	1809.24	1808.92	0.33	1	6	1.3e+02	1	RTWEINNILGEHEAK
✓	216	603.38	1807.12	1807.03	0.09	1	6	4.3e+02	1	AHLLSKSELVVAVSQR
✓	1825	648.43	1942.26	1942.82	-0.56	0	6	1.1e+02	1	CWVFDCAAPGLYCEPR + 2 Carbamidomethyl (C)
✓	260	620.48	1238.95	1238.77	0.18	1	6	4.6e+02	1	VINPSKVTLR
✓	1949	740.74	2219.19	2219.05	0.14	1	6	1.1e+02	1	ERELAEASQQLQQSEAMAGK + Oxidation (M)
✓	227	607.39	1819.14	1818.86	0.28	0	6	3.4e+02	1	QHTCPICMEHLPSVPK
✓	856	939.53	2815.58	2815.27	0.31	2	6	3.3e+02	1	LETCSFRPVASDDDDDEFRIACR
✓	1423	1251.41	1250.41	1250.67	-0.26	1	6	3.7e+02	1	MAEKYQQLIK
✓	744	888.92	1775.84	1776.00	-0.16	2	6	6e+02	1	AKDIYTLARCATLLPK
✓	594	816.56	2446.66	2447.19	-0.54	1	6	4.5e+02	1	GASAMAATASCPAGAHVRALPHTQR + Oxidation (M)
✓	1529	680.34	1358.67	1358.68	-0.01	1	6	1.3e+02	1	ASSGFVSTFKNSK
✓	2082	858.55	2572.63	2572.24	0.39	1	6	1.3e+02	1	MGNIHISQNQEFPCKLFGMGPK
✓	264	622.11	1242.21	1241.71	0.50	2	6	5.2e+02	1	VQGEALGKNAKK
✓	1071	1035.66	1034.66	1034.59	0.07	0	6	4e+02	1	LGKPQHDLK
✓	1889	689.39	2065.14	2065.01	0.13	2	6	1.1e+02	1	ETLFNGKLAVGGRDQESTGS
✓	892	480.49	958.96	958.47	0.49	0	6	2.9e+02	1	AEADDGLIR

✓	1349	1193.69	1192.68	1192.72	-0.04	1	6	3.2e+02	1	FKILVELFGK
✓	605	824.57	823.57	823.44	0.12	1	6	92	1	HERGLGR
✓	836	929.90	928.89	928.56	0.33	2	6	4.5e+02	1	SKLAQARR
✓	719	877.59	2629.73	2629.15	0.59	1	6	4.4e+02	1	VQHMCIVSCTLQYCARGEWAR + Carbamidomethyl (C); Oxidation (M)
✓	1815	640.72	1919.14	1918.98	0.16	2	6	1.1e+02	1	LPKYDRVGISAECCPR
✓	353	678.54	2032.61	2033.13	-0.52	1	6	5.6e+02	1	DINALVTFALSLVRTLCK + Carbamidomethyl (C)
✓	1269	1149.95	3446.83	3446.32	0.50	0	6	3.7e+02	1	CLCGCPHCDPTTCDDLVNQEFESLCTCR + 6 Carbamidomethyl (C)
✓	1630	770.00	1537.98	1537.71	0.27	0	6	1.3e+02	1	IIDEFCSQNNVEK
✓	1799	942.23	1882.45	1882.73	-0.28	1	6	2.2e+02	1	SSGTSRDNDDEEEEEADK
✓	1720	857.83	1713.64	1713.86	-0.22	1	6	1.2e+02	1	CCVAYLIEKEFLQR
✓	1852	997.56	1993.10	1993.22	-0.12	2	6	1.2e+02	1	LVRIHRIITISPFLTSC
✓	1215	557.42	1112.83	1112.72	0.12	0	6	1.4e+02	1	ILTVAVSGLLK
✓	172	571.70	1712.08	1711.95	0.13	2	6	3e+02	1	EKSVDKSAHGSLTLTK
✓	775	903.92	902.91	903.45	-0.54	0	6	2.9e+02	1	GCGALLQDK
✓	1317	1177.85	1176.85	1176.65	0.19	2	6	4.4e+02	1	KISEGIKGMSK
✓	1476	650.40	1298.78	1298.68	0.10	1	6	1.3e+02	1	GDNVRHVFLSR
✓	986	498.29	994.56	994.43	0.13	1	6	1.2e+02	1	CSNEKMAR + Carbamidomethyl (C)
✓	1054	1029.63	3085.88	3086.46	-0.58	0	6	4.1e+02	1	DYCPAQLCLDAAPASLPFVQQLYNAYR + Carbamidomethyl (C)
✓	1620	753.48	1504.94	1504.69	0.24	1	6	1.3e+02	1	CQKEGKPCVPNMR + Oxidation (M)
✓	1625	756.11	1510.21	1509.76	0.45	2	6	2.4e+02	1	CVYVKENTNGKAK + Carbamidomethyl (C)
✓	444	735.89	2204.65	2204.13	0.51	2	6	6.2e+02	1	SFNSTKCYPVFPIAIKDK
✓	865	943.56	942.55	942.55	0.00	2	6	1.3e+02	1	DKQSPKLK
✓	889	958.89	2873.65	2873.16	0.49	0	6	4.2e+02	1	EGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGFAGGGRR
✓	154	554.11	1659.30	1658.81	0.49	1	6	4.2e+02	1	KVNDIPVDDGWVMR + Oxidation (M)
✓	1487	1304.33	2606.64	2606.08	0.56	1	6	4.2e+02	1	IDVAGCDDCDRIYCYAPGTASAR + Carbamidomethyl (C)
✓	279	630.99	629.98	630.33	-0.35	0	6	6.5e+02	1	DIDIR
✓	625	833.61	832.60	832.41	0.19	0	6	5.5e+02	1	FGPQGEEK
✓	973	991.54	990.53	990.48	0.05	0	5	1.5e+02	1	CTLVEAEAR
✓	1519	673.10	1344.19	1343.74	0.44	0	5	2.7e+02	1	SIYIHEASALLK
✓	456	743.48	742.47	742.40	0.07	0	5	4e+02	1	LSHTSAK
✓	262	621.32	1860.95	1860.84	0.11	1	5	3.8e+02	1	KAVHELSDAPCYSNR + Carbamidomethyl (C)
✓	332	665.11	1328.20	1328.77	-0.56	1	5	5.1e+02	1	EILLLATGESKR
✓	617	829.82	828.81	828.46	0.36	1	5	2e+02	1	SPRSLGGR
✓	1029	1015.96	3044.85	3044.61	0.24	2	5	5.4e+02	1	SQIMIIGMKGITLDSIGYKNCNILIYK + Oxidation (M)

✓	649	844.41	1686.80	1686.73	0.07	0	5	4.2e+02	1	DPAAHPASSEMTSAGMK
✓	302	646.35	1936.02	1935.96	0.07	2	5	4.9e+02	1	RDDVGGDFFNALRDAIR
✓	846	935.11	2802.31	2802.47	-0.16	2	5	5.1e+02	1	LRRPCVAAVDMFAGASSTIVAVSPRR + Carbamidomethyl (C); Oxidation (M)
✓	2154	1017.51	3049.50	3049.45	0.05	0	5	1.1e+02	1	GAEEEEAAAEQLEEEVDDGQGQTGPAAAPVK
✓	1319	1178.09	3531.25	3531.75	-0.50	1	5	5.4e+02	1	LPRFYFISDEDMLEMLGHSQSPSVIQVHLK + Oxidation (M)
✓	1308	1168.70	1167.69	1167.64	0.06	0	5	1.7e+02	1	MFLFGPLISK + Oxidation (M)
✓	1580	714.93	1427.84	1427.68	0.16	0	5	1.6e+02	1	VDVNDLPDDLGEK
✓	1561	703.37	1404.73	1404.78	-0.05	2	5	1.6e+02	1	LEIRRNISNYK
✓	593	816.51	1631.01	1630.82	0.19	0	5	4.6e+02	1	VGTTLSGEGGDLAVEAR
✓	1436	1262.26	3783.77	3783.85	-0.08	2	5	4.3e+02	1	MRIFKDILTNAEVVCDNDRPMDVEDEIVYVVK + Oxidation (M)
✓	754	893.53	1785.04	1784.88	0.16	2	5	4e+02	1	RQLDEIENQERAER
✓	1340	594.40	1186.79	1186.63	0.15	0	5	1.7e+02	1	VVYQSPEPIR
✓	1781	613.61	1837.81	1837.90	-0.09	0	5	1.3e+02	1	DATLELPNVHVSCVGER
✓	112	512.26	1022.51	1022.50	0.01	0	5	2.8e+02	1	QYGQVVDSK
✓	703	872.51	871.50	871.44	0.06	1	5	4.3e+02	1	GEPTREAI
✓	765	898.44	897.43	897.40	0.02	0	5	3.9e+02	1	MMVTASSR + Oxidation (M)
✓	1976	761.75	2282.24	2282.41	-0.17	0	5	1.2e+02	1	LYAISLIIIVVLFYVVFVK
✓	1776	919.03	1836.05	1835.79	0.27	0	5	1.4e+02	1	SPSPMLCMQDLEEGAR + Carbamidomethyl (C); Oxidation (M)
✓	601	820.48	2458.41	2458.20	0.21	0	5	4.5e+02	1	MNNPSNIKPIFYLPSSFCDK + Oxidation (M)
✓	1543	691.99	1381.96	1381.75	0.21	2	5	1.3e+02	1	QPIEGRSRGGGLR
✓	654	848.97	847.96	847.49	0.48	2	5	3.7e+02	1	KRTQSTK
✓	877	950.12	1898.22	1897.98	0.24	2	5	4.6e+02	1	CLAAFDSGFSLASRKIR + Carbamidomethyl (C)
✓	2199	1142.61	3424.81	3424.76	0.05	1	5	1.1e+02	1	NAEDDLLENLIINHGNPAKVEIVQAPSLQR
✓	494	761.10	2280.29	2280.05	0.23	2	5	5.8e+02	1	AWARCCCGQAAPGVACKYIPR
✓	1015	1006.98	3017.90	3018.26	-0.35	1	5	6.1e+02	1	QNSMCAESNNASYAVRCCADEADPALTK + Carbamidomethyl (C)
✓	2142	991.19	2970.56	2970.56	-0.01	1	5	1.1e+02	1	IEFEILWIGQSELFYKGIESTLIDK
✓	1640	522.09	1563.25	1562.81	0.45	2	5	2.7e+02	1	GRFDAALDTAKEAAK
✓	178	578.40	577.39	577.22	0.17	0	5	87	1	ESDDI
✓	2080	856.19	2565.55	2565.26	0.29	0	5	1.4e+02	1	VYPTYDFACPIVDSVEGITHALR
✓	317	654.09	1306.17	1306.66	-0.50	1	5	5.6e+02	1	SNDAIYEARLR
✓	530	786.99	785.98	785.48	0.50	1	5	3.2e+02	1	KALADIR
✓	824	924.21	1846.41	1846.98	-0.57	0	5	5.6e+02	1	VWAGVTGCDFLVALLAR + Carbamidomethyl (C)
✓	1144	1079.05	2156.09	2156.02	0.07	1	5	6e+02	1	AQLAQKLTQNMDVMFSCR + Carbamidomethyl (C); Oxidation (M)
✓	173	572.28	571.27	571.37	-0.10	0	5	83	1	IAGAIK

✓	945	489.67	977.33	977.55	-0.23	1	5	1.7e+02	1	EQAVKYIK
✓	1009	1005.09	1004.08	1003.61	0.48	1	5	5.6e+02	1	IDGFI AKLK
✓	912	484.30	966.58	966.45	0.13	0	5	1.3e+02	1	GICTYDPAK
✓	348	675.62	1349.23	1349.53	-0.31	0	5	6.3e+02	1	GTSCSCTSSGTFR + Carbamidomethyl (C)
✓	1856	665.85	1994.53	1994.85	-0.32	2	5	2.7e+02	1	GCRSDEAESGTEAPMRAR + Carbamidomethyl (C); Oxidation (M)
✓	657	850.65	2548.92	2548.36	0.56	1	5	5.5e+02	1	VANSAERPVD AVVAGYLLMVYRR
✓	1103	1052.32	3153.92	3153.51	0.41	0	5	5.4e+02	1	TPTTSVSSTLWVSEACPTLAVTTTAACR + 2 Carbamidomethyl (C)
✓	1859	999.58	1997.14	1997.09	0.05	1	5	1.5e+02	1	HLAVHGRLMIIGSISSYK + Oxidation (M)
✓	1371	1204.38	3610.13	3609.80	0.33	2	5	5.6e+02	1	GWCALD GALHCVRLASPDTRASPMSALVSLVQR + 2 Carbamidomethyl (C); Oxidation
✓	256	619.65	618.65	618.32	0.33	0	5	1.8e+02	1	ECIVR
✓	1562	703.88	1405.75	1405.79	-0.04	2	5	1.9e+02	1	MSKVSEIDLLKK + Oxidation (M)
✓	2068	845.12	2532.34	2532.17	0.17	2	5	1.3e+02	1	TAALHSDNMTMEERIEENWKK
✓	615	828.89	827.88	827.32	0.57	0	5	2.8e+02	1	ADCSSMSK
✓	470	751.89	2252.65	2252.19	0.46	1	5	7.1e+02	1	RVQDTLDSQGGVILSGQVPQR
✓	891	959.70	2876.09	2875.55	0.54	1	5	5.7e+02	1	EMLHAAGAVTAVGSTLSFLHNRVLLPR + Oxidation (M)
✓	1111	1058.39	2114.77	2115.12	-0.36	2	5	4.9e+02	1	ALHPAVRASSHVNRVCVSR + Carbamidomethyl (C)
✓	1957	750.19	2247.55	2247.02	0.53	1	5	2.3e+02	1	EHHLCSVCMLPASVYRCLR + 2 Carbamidomethyl (C); Oxidation (M)
✓	527	785.53	1569.05	1568.73	0.33	2	5	5.1e+02	1	RIFDDMDVDRSGK + Oxidation (M)
✓	840	931.46	2791.34	2791.48	-0.14	2	5	4.6e+02	1	EGTALMVAAVLGHVETVKLLMRHER + 2 Oxidation (M)
✓	186	584.38	1166.74	1166.55	0.19	1	5	3.5e+02	1	MVSEEDTKTK
✓	1282	578.89	1155.76	1155.49	0.27	0	5	1.5e+02	1	LYDSECVDR + Carbamidomethyl (C)
✓	2114	906.48	2716.41	2716.36	0.05	1	5	1.3e+02	1	DGFEAIPAVTRLIETDQGWGCLLR + Carbamidomethyl (C)
✓	1168	545.78	1089.55	1089.52	0.04	0	5	1.8e+02	1	TYMLAFNSK + Oxidation (M)
✓	1373	1205.30	1204.29	1204.62	-0.32	0	5	5e+02	1	VISGPLCPEYK
✓	1770	611.08	1830.22	1829.89	0.32	2	5	2.3e+02	1	DILKETNKHLSMDR + Oxidation (M)
✓	827	925.21	1848.41	1849.00	-0.59	2	5	5.8e+02	1	DWQLEVHKAVLAERR
✓	520	780.37	1558.72	1558.80	-0.08	1	5	4.5e+02	1	TALLPAHCHSPKER
✓	648	843.82	2528.44	2528.22	0.23	1	5	5.5e+02	1	SGHIQALAECLMKNSYVWSTYK
✓	1106	1054.08	2106.14	2105.89	0.24	1	5	5.9e+02	1	MPCAHGAAACCTMPTRVNEK + Oxidation (M)
✓	1454	1278.52	3832.54	3832.83	-0.29	2	5	4.3e+02	1	FDGSIELRILTCQAIMKLADLSNTRCPFDDSK + 2 Carbamidomethyl (C); Oxidation
✓	1458	1281.89	1280.88	1280.56	0.32	0	5	4.9e+02	1	AEMELGEDMIK + Oxidation (M)
✓	1961	751.48	2251.41	2251.00	0.41	1	5	1.6e+02	1	SRATEDACIMCGVVSGIHCSR + Carbamidomethyl (C)
✓	2115	906.94	2717.79	2718.20	-0.41	2	5	2.3e+02	1	EDTSMPFTAFGEPPKEDTSMPK + Oxidation (M)
✓	834	928.99	2783.95	2783.52	0.43	1	5	6.9e+02	1	RELHVATLSVQVFTSSDVVDSLLLR

✓	866	945.48	2833.43	2833.38	0.05	0	5	5e+02	1	NHIMFGGFGAWYIQSLAGLQQAPGDR
✓	887	958.10	957.09	957.51	-0.43	0	5	3.2e+02	1	QAVVTPESK
✓	927	972.10	971.09	970.50	0.60	0	5	2.8e+02	1	HPSGLSFAR
✓	1207	1109.86	3326.54	3326.46	0.08	1	5	5e+02	1	SVGYSSDGLVMMREDYSEPSDVDNGFVLK + Oxidation (M)
✓	2096	890.64	2668.90	2669.28	-0.39	1	5	2e+02	1	QAAFLCESFKLCEPGIPIIMCLSGR + Carbamidomethyl (C)
✓	1000	1001.65	3001.94	3001.51	0.44	2	5	5.7e+02	1	MFRHVSAASASSLVAARSFSSTNVYLDK
✓	1574	711.45	1420.88	1420.63	0.26	0	5	2e+02	1	GPPDTPFEGGEYR
✓	1713	850.08	1698.14	1697.86	0.28	1	5	1.7e+02	1	GIVRCMMTFLVLCR + Carbamidomethyl (C)
✓	1175	1092.38	2182.75	2182.17	0.57	1	5	5.7e+02	1	EQNQELVRQLGELTVALSR
✓	1351	1193.88	3578.62	3578.86	-0.25	2	5	5e+02	1	MIRKVVLLCFAGVVYIAFTISVFLCADNWK + Carbamidomethyl (C); Oxidation (M)
✓	1456	641.04	1280.07	1279.55	0.52	0	5	2.4e+02	1	QCDMLLAADER + Oxidation (M)
✓	1764	604.12	1809.34	1809.87	-0.54	0	5	2.8e+02	1	ENNTLTIQVYQGEISSK
✓	1874	1013.60	2025.19	2025.02	0.17	2	5	1.5e+02	1	RMNSIVAKMLLDMTSGSR + Oxidation (M)
✓	722	877.66	1753.31	1752.96	0.35	0	5	6.4e+02	1	LMGERPLQHAPLHVR
✓	350	676.74	2027.19	2027.01	0.17	1	5	6.2e+02	1	YSSGMPQTSKPAFDRLVK + Oxidation (M)
✓	2128	943.04	2826.10	2826.41	-0.31	0	5	1.5e+02	1	DVGSTICMIDLVIQYTAIQSMAIWAR
✓	61	423.63	1267.88	1268.44	-0.56	0	5	3.9e+02	1	CVCGCGYCYK + 3 Carbamidomethyl (C)
✓	1844	985.52	1969.04	1969.05	-0.01	0	5	1.6e+02	1	SNLDNINIDNAVILLNSK
✓	2155	1018.26	3051.75	3051.54	0.21	2	5	1.5e+02	1	VEMDIIQSFLIEVCLKLDNLNLRMTK
✓	2211	1231.51	3691.50	3691.81	-0.31	0	5	1.2e+02	1	TPTMPANSNPAVAPLSLPQQLPASMMAPNGAMLTPK + 3 Oxidation (M)
✓	324	657.27	1312.52	1312.81	-0.29	2	5	5.3e+02	1	KFHRPIFLKK
✓	639	840.02	2517.04	2517.14	-0.10	2	4	5.5e+02	1	CKTSTQAPLNGDCAASSRATFCTK + Carbamidomethyl (C)
✓	550	794.39	1586.76	1586.83	-0.06	0	4	5.1e+02	1	GAMDAANILKPMLSR
✓	1167	1090.29	2178.56	2178.94	-0.39	1	4	6e+02	1	CRCEQDGTETDAVSPLWR + 2 Carbamidomethyl (C)
✓	554	796.64	2386.89	2387.18	-0.29	2	4	6.2e+02	1	GMFACVVLVENIRTNEKFACK + Oxidation (M)
✓	1380	1208.51	3622.50	3622.75	-0.25	1	4	4.4e+02	1	LTCDIYSMQCFDAVQAPKITVTHETKPNIDK + 2 Carbamidomethyl (C)
✓	1619	753.08	1504.14	1503.75	0.39	0	4	2.3e+02	1	CLPLDLGTAVANAFR + Carbamidomethyl (C)
✓	800	914.02	2739.04	2739.18	-0.14	2	4	6.1e+02	1	YICDAEVLNEMQASDCYKRMER + Carbamidomethyl (C); Oxidation (M)
✓	1081	1040.43	2078.84	2078.91	-0.07	2	4	4.8e+02	1	ELRRCEGLGMTAEACHCK + Carbamidomethyl (C); Oxidation (M)
✓	82	448.89	895.77	895.44	0.33	0	4	3.5e+02	1	SISSAFR
✓	1882	679.22	2034.63	2034.07	0.56	0	4	2.7e+02	1	YWSAVELDVHHLILPSR
✓	2169	1043.54	3127.60	3127.49	0.12	1	4	1.3e+02	1	WMTMESRIQHMVASTSSYVARPEVGVK + 3 Oxidation (M)
✓	743	888.39	1774.76	1774.92	-0.16	2	4	5.4e+02	1	YLTVAAIIFRGRMSMK + 2 Oxidation (M)
✓	2008	789.54	2365.60	2366.14	-0.54	2	4	2.4e+02	1	LDTERTGIMDANVCQVACKK + Carbamidomethyl (C); Oxidation (M)

✓	671	858.63	2572.88	2572.37	0.51	2	4	6.6e+02	1	GGRGGGAGAKVVVEPHMLHPGVFISK + Oxidation (M)
✓	1228	1119.09	3354.25	3354.60	-0.35	1	4	7.3e+02	1	VEQNEENMITKFGCSEGEIISVSNPLSISK + Carbamidomethyl (C); Oxidation (M)
✓	346	673.84	2018.51	2018.15	0.36	2	4	1e+03	1	VNRQSPIPSAGGILQGRIR
✓	462	746.20	2235.57	2236.03	-0.47	1	4	8.5e+02	1	REAAASGGGGANMSSLAEMVAQR + Oxidation (M)
✓	960	492.70	983.38	983.50	-0.12	1	4	1.7e+02	1	MHKVNNNK
✓	519	780.13	779.12	779.42	-0.29	0	4	1.6e+02	1	TYEIVR
✓	1694	836.10	1670.18	1669.98	0.20	2	4	2.2e+02	1	IKLSKTICIAPDALK + Carbamidomethyl (C)
✓	360	683.34	682.33	682.45	-0.12	1	4	93	1	VPAIRK
✓	2018	1195.72	2389.42	2389.17	0.25	1	4	1.6e+02	1	GEYARQIFCDSFTVALQAAATK
✓	1928	720.16	2157.47	2157.03	0.44	1	4	2.4e+02	1	RAVLVGFYMEAQCEALER + Carbamidomethyl (C); Oxidation (M)
✓	1002	1002.76	1001.75	1001.60	0.15	2	4	6.8e+02	1	QLTTARKGK
✓	1644	786.06	1570.10	1569.65	0.45	0	4	2e+02	1	CCTAEETCQVLEK + 2 Carbamidomethyl (C)
✓	1893	1041.03	2080.05	2080.09	-0.04	1	4	2.5e+02	1	DVDQHIVATISEIDRTL
✓	2210	1210.71	3629.12	3629.69	-0.58	0	4	1.5e+02	1	ATNVIAGQLTLADLDQTPANVPYFEHDNEGECK + Carbamidomethyl (C)
✓	966	987.83	986.83	986.54	0.29	1	4	6e+02	1	KGVAADDEVAK
✓	1438	1265.09	3792.24	3792.71	-0.47	2	4	6.6e+02	1	TQCSQPACKHEPMQVIGQVWMDYAECLQR + 2 Carbamidomethyl (C); Oxidation (M)
✓	199	592.60	1183.19	1182.63	0.56	2	4	6.3e+02	1	KEEFLDKFK
✓	1986	1148.69	2295.37	2295.08	0.29	1	4	1.9e+02	1	EHAEGQRTGCVSGSVSTHAGVAR
✓	2148	1001.63	3001.86	3002.28	-0.42	1	4	2.1e+02	1	FRPVACGACDADVHCFAAATRAMSGSCR + 2 Carbamidomethyl (C); Oxidation (M)
✓	763	898.12	2691.34	2691.35	-0.00	1	4	5.9e+02	1	VFKSYLEPTPQNYIVNLDQMHR
✓	114	513.71	1025.41	1025.53	-0.12	0	4	3.9e+02	1	NILHVACEK
✓	2118	911.04	2730.10	2730.26	-0.16	2	4	1.6e+02	1	HHHHHHSSGLVPRGSHMRNYCTK + Oxidation (M)
✓	1394	1217.35	1216.34	1216.68	-0.33	1	4	6.3e+02	1	SRSLEQTVGK
✓	1316	1177.72	2353.43	2353.08	0.35	0	4	5.8e+02	1	AEPNYSVLSAEMNASIAACPMK + Carbamidomethyl (C)
✓	1672	540.23	1617.67	1617.73	-0.07	1	4	1.8e+02	1	AKMATMGAASSSTSSSK + Oxidation (M)
✓	1296	1164.43	1163.42	1163.60	-0.18	1	4	6.5e+02	1	NISCTISKNK + Carbamidomethyl (C)
✓	1558	1399.55	2797.09	2797.37	-0.29	2	4	5.1e+02	1	RQQLETGITTLGVDVCFAGTNDMMK + Carbamidomethyl (C); Oxidation (M)
✓	363	683.64	1365.26	1365.72	-0.46	1	4	6.1e+02	1	LSLSRFVGMGR + Oxidation (M)
✓	663	853.77	852.76	852.36	0.40	0	4	1.8e+02	1	EFDEASR
✓	2131	958.23	2871.67	2871.14	0.53	0	4	1.8e+02	1	NNNNNNNTSSGNNNNNAHSNNNNNM
✓	109	509.85	1017.68	1017.55	0.14	1	4	4.4e+02	1	VNISSNKEK
✓	706	873.16	872.16	872.47	-0.31	1	4	7.6e+02	1	GEPSTVKR
✓	1049	1026.70	2051.40	2051.00	0.39	2	4	6.4e+02	1	MESSMNSQLFHKSTRLR
✓	1784	615.93	1844.77	1844.95	-0.18	2	4	2.1e+02	1	AMLRTREEIQLAQDR + Oxidation (M)

✓	1984	763.08	2286.22	2286.21	0.02	2	4	2.1e+02	1	REPRVALIVVQTGYSPGWCR
✓	136	531.45	530.45	530.27	0.18	0	4	1.1e+02	1	ADPTK
✓	874	949.31	948.30	948.44	-0.14	1	4	2.1e+02	1	EMAASERR
✓	510	769.89	1537.77	1537.71	0.06	1	4	7.3e+02	1	DKDTSPLTCMSVGK + Carbamidomethyl (C)
✓	2077	855.80	2564.38	2564.25	0.12	2	4	1.9e+02	1	AFKEAAAGCVTAEEEEAAQLDKTVR + Carbamidomethyl (C)
✓	2042	823.38	2467.12	2467.17	-0.05	0	4	1.9e+02	1	ALMNHDIEYYDQTETGVIIAR + Oxidation (M)
✓	783	907.43	906.43	906.48	-0.05	0	4	5.7e+02	1	AFAELQTK
✓	637	839.66	2515.95	2515.43	0.52	1	4	7.4e+02	1	VRAIMMIVFLLPLPLSCCVLR + Oxidation (M)
✓	2065	842.51	2524.52	2525.06	-0.53	0	4	1.9e+02	1	MWHPDAMQAGMHGWSAQGWGR + 2 Oxidation (M)
✓	1165	1089.83	1088.82	1088.54	0.28	2	4	6.8e+02	1	KDSQPRACK + Carbamidomethyl (C)
✓	1328	1182.80	3545.38	3545.62	-0.24	1	4	6.2e+02	1	SNDMIDTPPGFGFNPSPPGFEKIPDAPPGFDR + Oxidation (M)
✓	1725	860.53	1719.04	1718.64	0.40	0	4	2.1e+02	1	NSPDGCGSSDFFNGR + 2 Carbamidomethyl (C)
✓	542	792.27	791.26	791.34	-0.08	0	4	2.4e+02	1	EAAGDSSR
✓	1079	1039.28	3114.81	3115.40	-0.59	0	4	7e+02	1	MMFDIFLSNCSYIESTSWADPTTVLR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1936	724.44	2170.30	2170.17	0.12	0	4	1.8e+02	1	DQAQKPIDAPVPAAPVDVLR
✓	486	758.84	757.84	758.41	-0.57	0	4	4.1e+02	1	VVMPSAR
✓	1273	1151.00	3449.97	3449.67	0.29	1	4	6.6e+02	1	EAKLMAEVAAQQQMFLASQALSASCLHSSGSAK + Carbamidomethyl (C)
✓	1505	1321.07	3960.19	3959.89	0.29	2	4	6.3e+02	1	HGIMVVGPAMCGKTQCYDVMTETLSRTTVPHQQLR + Carbamidomethyl (C); Oxidation
✓	1676	812.81	1623.60	1623.78	-0.19	0	4	2e+02	1	AHDGIMIWAAGGNPSK
✓	1836	982.58	1963.14	1963.00	0.14	1	4	2.3e+02	1	YFLYAFHKNTYLIDR
✓	1879	678.14	2031.40	2031.10	0.29	2	4	2.8e+02	1	LNKYNNINIINCRIDR + Carbamidomethyl (C)
✓	214	601.92	1802.73	1802.84	-0.11	1	4	9.7e+02	1	CKLDLQSFTFACQSR + Carbamidomethyl (C)
✓	2173	1054.56	3160.66	3160.68	-0.02	1	4	1.5e+02	1	IVAAEESILFILNDIQNIYRNALSNEAK
✓	221	604.05	1809.14	1808.90	0.24	2	4	9.1e+02	1	KTKNLSMSNFFFSMK
✓	1020	1011.03	2020.04	2020.07	-0.03	2	4	7.6e+02	1	GTLAPCRTQPLRQVCLPPA
✓	1192	1103.59	3307.76	3307.69	0.07	1	4	5.5e+02	1	GTSIVIICVTSALFEPMSAVGRTATTPASSQR + Carbamidomethyl (C)
✓	2083	1287.67	2573.33	2573.25	0.08	0	4	1.7e+02	1	STIPPHTIELVDADGDPYYTLEK
✓	2209	1190.06	3567.15	3566.75	0.40	1	4	1.9e+02	1	VDVVARSYTLQHVMCSANMTGMLSPLSPFAR + Carbamidomethyl (C); Oxidation (M)
✓	2177	1074.53	3220.56	3220.55	0.01	2	4	1.4e+02	1	DSSDGNVSAYNGTFSAKPGCVFISKIDKTR + Carbamidomethyl (C)
✓	1446	1272.71	1271.70	1271.68	0.02	1	4	5.1e+02	1	NGLQMRVDALR
✓	1880	678.15	2031.44	2031.07	0.36	0	4	3.2e+02	1	LIIGTHDVATQHGEAQTLK
✓	1942	729.74	2186.19	2185.97	0.22	2	4	1.8e+02	1	CFQVQNDWSRKEMDCLK + Carbamidomethyl (C)
✓	802	457.89	913.77	913.52	0.25	1	4	2.1e+02	1	VYRALHR
✓	573	805.23	2412.67	2413.14	-0.47	0	4	8.1e+02	1	AIQYAVGFLCQMDPSHTELYK

✓	923	971.04	970.03	969.59	0.44	1	4	3.6e+02	1	GIKLTVPDK
✓	1148	1080.15	3237.44	3237.49	-0.05	1	4	6.6e+02	1	ALTFTGYVQPDDHCKLCSAETNNCVAVK + 2 Carbamidomethyl (C)
✓	577	810.28	809.28	809.32	-0.04	0	4	2.2e+02	1	CCSANQK + Carbamidomethyl (C)
✓	2100	901.58	2701.71	2701.36	0.35	1	4	2.5e+02	1	LGTVQQELMCLTAVQQRTQQDVR + Carbamidomethyl (C)
✓	1055	1030.18	3087.52	3087.57	-0.05	2	3	7e+02	1	FQNEIFPLIREGHSITLLCTEEEGKK + Carbamidomethyl (C)
✓	1389	1214.17	3639.48	3638.91	0.56	1	3	7.5e+02	1	DTPGCSQISFAALRPGAFVEWLHGLLASLRTLRL + Carbamidomethyl (C)
✓	2181	1082.46	3244.37	3244.50	-0.14	2	3	1.6e+02	1	FFGNLMDAGRLSLCGEESFGTGSNHIREK + Carbamidomethyl (C); Oxidation (M)
✓	2016	795.42	2383.24	2383.05	0.19	2	3	2.1e+02	1	CAGSKETCTDCLAGYYKTIDNK
✓	287	637.73	1910.18	1910.10	0.08	1	3	7e+02	1	LGIAMHLILLDSLTTKR + Oxidation (M)
✓	439	733.20	1464.39	1464.64	-0.25	0	3	9.7e+02	1	AAAVAWACCACGVR + 2 Carbamidomethyl (C)
✓	1127	1068.06	3201.16	3201.32	-0.16	2	3	7.9e+02	1	YADKCYNFCSEAADNLYQSGSICYKCDK
✓	359	682.55	681.55	681.27	0.27	0	3	1.5e+02	1	CPFCR + Carbamidomethyl (C)
✓	809	919.57	1837.12	1837.00	0.13	2	3	6.8e+02	1	TAGKRAILCGILPYMSK + Oxidation (M)
✓	825	924.30	2769.89	2770.29	-0.40	1	3	7.7e+02	1	YAEMGYWDANYTIKDTDVLALFR + Oxidation (M)
✓	1707	846.50	1690.99	1690.85	0.14	0	3	2.1e+02	1	LASTITSIDDFAFYK
✓	812	920.33	2757.97	2758.36	-0.39	2	3	7.4e+02	1	RCEDFSLVASVGWEMVKFLVMQK + Carbamidomethyl (C)
✓	1975	761.61	2281.82	2282.24	-0.43	2	3	2.2e+02	1	CSHQRLGRATVFAGIADILVR
✓	1216	1114.67	1113.67	1113.56	0.10	0	3	6.3e+02	1	FVSMLAFQR + Oxidation (M)
✓	2117	910.45	2728.32	2728.26	0.06	1	3	1.8e+02	1	MAMMMAGRVLVLCALCVLWCGDGGR + Carbamidomethyl (C); Oxidation (M)
✓	2138	985.44	2953.31	2953.21	0.10	2	3	1.7e+02	1	RHGSPPNRPPCCCEKQCTCTYCSR + 4 Carbamidomethyl (C)
✓	552	795.23	2382.67	2383.15	-0.48	1	3	8.8e+02	1	GYIYDAALACRQTPACLPCCK + 2 Carbamidomethyl (C)
✓	2041	820.89	2459.65	2459.08	0.57	2	3	3e+02	1	FMFMCDDRRTGAISIESMMK + Carbamidomethyl (C); 3 Oxidation (M)
✓	875	949.40	2845.17	2845.38	-0.21	1	3	6.5e+02	1	AIDCFMILLARDFGSDGFASNVIQIDK
✓	899	962.73	1923.45	1922.85	0.59	0	3	8.3e+02	1	MNDEVQALVIDNGSGMCK
✓	685	864.12	1726.23	1725.94	0.29	1	3	8.1e+02	1	ISENLEARIQDAIVR
✓	1279	576.77	1151.52	1151.51	0.01	1	3	2.3e+02	1	MSEEDERIK + Oxidation (M)
✓	1537	684.44	1366.86	1366.71	0.15	1	3	2.1e+02	1	GCQQKVHVHQAANK
✓	1727	870.08	1738.15	1737.84	0.31	1	3	2.1e+02	1	NTHASDATPQLNADRK
✓	453	741.58	2221.71	2222.05	-0.34	2	3	8.4e+02	1	TSCVPCTKKTCPPPPPPPCR + 2 Carbamidomethyl (C)
✓	1571	710.84	1419.67	1419.76	-0.09	2	3	2.2e+02	1	RNRDIYEVLSR
✓	1149	1081.89	3242.66	3242.61	0.05	1	3	6.3e+02	1	EMESCDPQGLRITHSLGGGTGSLGLTLILIK
✓	1157	1086.17	3255.50	3255.59	-0.09	1	3	7.4e+02	1	MGDSAVASTWEKAPSVMLGSAQSAPFVVFTK
✓	472	752.74	751.73	752.28	-0.55	0	3	6.7e+02	1	AEDCMK + Carbamidomethyl (C)
✓	539	791.63	2371.87	2372.25	-0.38	2	3	9.5e+02	1	KIELRPAAVTETSSLPMPRYN

✓	910	966.26	1930.51	1930.00	0.50	0	3	8.4e+02	1	GLQTLPDSADYLALGATPK
✓	2184	1088.94	3263.79	3263.68	0.11	2	3	1.6e+02	1	FDKPCNEKTIQMSIIFEVMSIVIKHEK + Carbamidomethyl (C)
✓	2198	1141.06	3420.16	3420.61	-0.46	2	3	2.8e+02	1	SAFYKFTLKQNMPIEISTCNTYTNYNTR + Carbamidomethyl (C); Oxidation (M)
✓	2103	902.46	2704.37	2704.37	-0.00	2	3	1.9e+02	1	IELLFSAIGQAMRLMMTGNFSAK + 3 Oxidation (M)
✓	1772	916.60	1831.18	1830.79	0.39	0	3	2.3e+02	1	VTERPTMSEMAMSSSR + 2 Oxidation (M)
✓	1513	1340.27	2678.52	2678.28	0.24	1	3	7.1e+02	1	VSAQEGWCRPEIVAPGAGCAARHEK + Carbamidomethyl (C)
✓	604	822.90	1643.78	1643.82	-0.04	0	3	1e+03	1	MLQLGETPTADEALR
✓	1070	1034.62	3100.85	3100.46	0.39	1	3	7.3e+02	1	EPVVVAGCAEQYTHSGCGVGPSWTQGRLLR
✓	441	734.32	733.31	733.41	-0.10	0	3	2.4e+02	1	EIVAFR
✓	1865	672.95	2015.83	2015.89	-0.06	0	3	2.3e+02	1	AGAALTDGTGGGGGSGSETGSSHR
✓	735	883.48	882.47	882.53	-0.06	1	3	5.9e+02	1	SVAARVLPA
✓	1069	1034.60	3100.76	3100.53	0.23	1	3	6.9e+02	1	VCSLRNPALIYQWAYIHTTGDTGHTR + Carbamidomethyl (C)
✓	514	773.70	2318.08	2318.02	0.06	0	3	8.9e+02	1	SQAVAADAVDGACHSISNESSSR + Carbamidomethyl (C)
✓	789	909.17	2724.49	2724.31	0.18	2	3	7.6e+02	1	KCFLIDNASMFSSLDGSMARAFK + Carbamidomethyl (C); Oxidation (M)
✓	2202	1155.62	3463.83	3463.71	0.12	1	3	1.6e+02	1	EVTIPPFYSQHLGAVWQPFVERDWPYFR
✓	904	482.60	963.18	962.58	0.60	1	3	2.8e+02	1	DKIIYALK
✓	578	810.51	809.50	809.35	0.15	0	3	2.5e+02	1	MDFQNR
✓	2175	1057.98	3170.92	3171.50	-0.58	2	3	2.3e+02	1	GHEDKVYCVKYNATGELLVSASCDTTVR + 2 Carbamidomethyl (C)
✓	859	940.44	2818.31	2818.35	-0.04	2	3	6.7e+02	1	MDCKTVNLYTTSMANELACLVRK + Carbamidomethyl (C)
✓	908	965.40	2893.18	2893.33	-0.15	2	3	6.9e+02	1	WTLLCGDGKNTEHSSTWETQKDTTR
✓	1003	502.27	1002.52	1002.55	-0.02	2	3	3.5e+02	1	DNKETLKR
✓	1701	841.91	1681.80	1681.88	-0.08	2	3	2.2e+02	1	MESQTKIGKYNVIR + Oxidation (M)
✓	321	654.70	1961.08	1961.15	-0.06	1	3	6.4e+02	1	APAFPLPALLLSSARVGGPK
✓	325	657.32	1968.94	1969.07	-0.13	1	3	7.5e+02	1	TVRPFQFIKFESTLEK
✓	632	837.56	2509.67	2509.39	0.28	2	3	8.7e+02	1	YVFEVPRHTLRPAVAAALKESR
✓	1560	702.46	1402.90	1402.81	0.09	2	3	2.9e+02	1	FMRDPIRILVK + Oxidation (M)
✓	762	897.63	2689.86	2690.44	-0.57	1	3	8.5e+02	1	QIEIILYPSMKPKFINEGDVNVK + Oxidation (M)
✓	482	757.15	1512.30	1511.73	0.57	1	3	9.2e+02	1	EVEGQICSTSFKGK
✓	712	874.71	873.70	873.46	0.25	0	3	3.7e+02	1	DSSLSPLR
✓	955	982.23	2943.66	2943.55	0.11	2	3	8.5e+02	1	VSLPVSGRLVTPPRMQFGRPTSGFDAR + Oxidation (M)
✓	1451	638.78	1275.54	1275.71	-0.16	0	3	3.3e+02	1	LTLDQIDAFLK
✓	695	869.61	868.60	868.41	0.19	0	3	1.9e+02	1	GFDFVER
✓	2025	802.72	2405.14	2405.16	-0.03	0	3	2.1e+02	1	LADDYLSTNPGSSFSYLVLSLEK
✓	457	743.89	2228.65	2229.07	-0.42	1	3	1.1e+03	1	CANAAMVTFVERYTWPVAK + Carbamidomethyl (C); Oxidation (M)

✓	1006	1004.58	2007.15	2007.03	0.11	2	3	7.2e+02	1	MMRFCARAGILLGAPSAAR + Oxidation (M)
✓	1290	1159.70	3476.08	3475.61	0.46	1	3	7.5e+02	1	IFLEVWGAQGGKSTAYSICTANGGFGGYSSGVNK
✓	1658	794.64	1587.26	1586.83	0.43	1	3	4.8e+02	1	AQVSRAMGLQQQVR + Oxidation (M)
✓	1745	592.01	1773.01	1772.89	0.13	1	3	2.7e+02	1	DTCRILGSVHEYVPK + Carbamidomethyl (C)
✓	692	868.14	1734.27	1734.87	-0.60	1	3	8e+02	1	VCAPRELFPSATTTSR
✓	2048	828.46	2482.37	2482.27	0.10	2	3	2.2e+02	1	TFKECEEIARAIGSAFYHIGLK
✓	855	939.53	938.52	938.46	0.06	1	3	2.4e+02	1	ATDFMAKR
✓	1826	972.60	1943.19	1943.02	0.16	1	3	2.7e+02	1	KADAAGAQLDDVTSLLK
✓	656	850.21	849.20	849.48	-0.28	0	3	2.6e+02	1	IGIGFCLK
✓	461	746.03	745.02	745.43	-0.41	1	3	5e+02	1	TALKDAK
✓	1526	676.95	1351.89	1351.78	0.11	0	3	2.6e+02	1	QLPATLLSPLGSR
✓	535	788.95	787.94	787.40	0.54	2	3	6.3e+02	1	RDGRER
✓	1096	1049.17	3144.49	3144.40	0.09	2	3	8.6e+02	1	QGSSSGGGMQRQGSLAGGGMQRQGSFAGGGMSR + Oxidation (M)
✓	1118	1062.48	3184.41	3184.62	-0.22	2	3	7.2e+02	1	RLTQGCFSFLPDLTDAQIKAQIDYAVSK + Carbamidomethyl (C)
✓	1408	1234.04	3699.09	3698.88	0.21	1	3	8.1e+02	1	HPFYSAVLLLLLVMMCCGTGVAHAEVQPSQKK + 2 Carbamidomethyl (C); Oxidation
✓	2017	1192.63	2383.25	2383.21	0.04	1	3	2.4e+02	1	LQMVAIFVGGSTTYVFDKTIK + Oxidation (M)
✓	2187	1095.87	3284.59	3284.66	-0.07	2	3	1.8e+02	1	EDSLLRAAILCERYGLYSTIEVDGVDTVK + Carbamidomethyl (C)
✓	541	791.98	2372.91	2373.19	-0.28	1	3	1.1e+03	1	LEAWCANCDQAITAIQRILK + 2 Carbamidomethyl (C)
✓	1448	638.25	1274.49	1274.65	-0.17	1	3	2.7e+02	1	EVTGKDYPAPAK
✓	1738	584.83	1751.46	1751.86	-0.40	1	3	3.7e+02	1	RVTLEHVMEEPQER
✓	2161	1027.09	3078.24	3078.47	-0.23	2	3	2.3e+02	1	GDFFFMSTYRFLFAIWLNRHGYMK + 2 Oxidation (M)
✓	307	649.91	1946.72	1946.93	-0.21	2	3	1e+03	1	IARESLGTDDMEKEEPK
✓	1602	736.48	1470.95	1470.62	0.33	0	3	2.6e+02	1	EHCGGKPDVSR + Carbamidomethyl (C)
✓	1838	655.82	1964.45	1964.04	0.41	1	3	5.2e+02	1	ENELVFFVKAAAADVSR
✓	1773	611.79	1832.34	1832.08	0.26	2	3	4.3e+02	1	IGLRYAIPGIRELHPK
✓	401	710.70	709.69	710.25	-0.55	1	3	2.1e+02	1	CRCGTD + Carbamidomethyl (C)
✓	499	763.48	2287.41	2287.11	0.30	2	3	8.3e+02	1	LGRHPEKVVCGAAMLPSCTMR + 2 Oxidation (M)
✓	134	530.88	529.87	530.31	-0.43	0	3	2.2e+02	1	TLLNA
✓	1896	699.41	2095.21	2095.00	0.20	1	3	2.5e+02	1	YIIMNDQIDMFKEYIK + 2 Oxidation (M)
✓	953	491.11	980.21	980.53	-0.32	0	3	2.5e+02	1	IPAYFVSGK
✓	631	836.77	2507.29	2507.29	-0.01	2	3	8.8e+02	1	CLLQLVDDFEGITESTKLARK
✓	1128	1068.43	3202.27	3202.54	-0.26	0	3	7.1e+02	1	ADGALAAIDSGTNTPAASPLPSLVANMFGCAAR + Oxidation (M)
✓	1271	1150.32	2298.63	2298.11	0.52	2	3	8.5e+02	1	TMLESFEACVNRVLNSARDK + Oxidation (M)
✓	404	712.57	1423.12	1422.69	0.43	0	3	9.1e+02	1	DEDSTELLNFIK

✓	1057	1030.96	3089.86	3089.50	0.36	1	3	9.8e+02	1	TTYRLLCALLVLFALCCCPVCVTANGNK + 2 Carbamidomethyl (C)
✓	1816	641.09	1920.26	1919.94	0.32	1	3	2.6e+02	1	GSNVNTRSRLGICTDGEK + Carbamidomethyl (C)
✓	419	720.24	719.24	719.42	-0.19	0	3	2.9e+02	1	IEIFAK
✓	2045	825.51	2473.51	2473.33	0.18	1	3	2.6e+02	1	YSVKAIIGIVGMLVFGTGMVSSK + Oxidation (M)
✓	1226	1118.06	3351.15	3351.63	-0.48	1	3	1.1e+03	1	GRTSPMGVLGIESFPTSGDADDPLSGFVASQLK + Oxidation (M)
✓	1559	1401.68	2801.34	2801.43	-0.10	1	3	6.3e+02	1	AAEATLDLAAQANTFLSEQAPWSRIK
✓	531	787.01	1572.01	1571.78	0.23	0	3	1.1e+03	1	QQVAEDVEEVASLR
✓	1923	1078.81	2155.61	2156.11	-0.50	0	3	4.4e+02	1	DAVSAASPMVPAVSVTGGGVGTVK
✓	2088	868.52	2602.53	2602.37	0.16	2	3	2.4e+02	1	ATAPLFGAPTTTTPGSAAAAATTSKKGR
✓	1622	755.88	1509.75	1509.85	-0.10	2	3	2.7e+02	1	LFLFKERMSAIR
✓	993	999.06	2994.16	2994.36	-0.20	1	3	1e+03	1	DGISICRNASTVVMCLEDVCDFTVYK + 2 Carbamidomethyl (C)
✓	688	865.83	2594.47	2594.35	0.12	1	3	8.8e+02	1	QYLGQVAGAEVAANTRILYGGASAK
✓	311	651.16	1950.45	1950.99	-0.55	1	3	1.2e+03	1	MSTQEPPQHTRLLLR + Oxidation (M)
✓	297	643.54	1285.08	1285.61	-0.53	0	2	1e+03	1	EFEIAAANHER
✓	533	788.04	2361.09	2360.99	0.10	1	2	1.1e+03	1	MCPSKSDVESASPENACSSTFK + Carbamidomethyl (C)
✓	2073	850.85	2549.52	2549.46	0.06	1	2	2.4e+02	1	QIYKTLILLIEHLLINASPDTVR
✓	1791	621.32	1860.93	1861.02	-0.10	0	2	2.7e+02	1	LTALNVRPSVLTMQYR
✓	46	355.28	1062.83	1062.48	0.35	0	2	5e+02	1	MDDWELVR
✓	574	806.12	2415.34	2415.21	0.14	0	2	9.8e+02	1	GYATLMSEMLALGFSGAELVEVK
✓	897	961.11	2880.31	2880.30	0.01	2	2	9.9e+02	1	LKACDFCTFASSEDGEQLAKSMIEK + 2 Carbamidomethyl (C); Oxidation (M)
✓	1860	1003.51	2005.01	2005.00	0.01	0	2	2.4e+02	1	MNCTQLFDLVAELNIPK + Carbamidomethyl (C)
✓	2116	907.41	2719.21	2719.03	0.18	1	2	2.4e+02	1	SFMNMAAFESDDDKCMNGGIMR + Carbamidomethyl (C); 4 Oxidation (M)
✓	1202	555.26	1108.51	1108.61	-0.10	2	2	2.5e+02	1	GKLPDPNRR
✓	1906	703.05	2106.12	2106.14	-0.02	2	2	2.6e+02	1	EICLLSEPKYRHIIHAK + Carbamidomethyl (C)
✓	603	821.84	820.83	820.42	0.41	0	2	1e+03	1	EAHSIHK
✓	1262	1145.61	3433.80	3433.74	0.06	1	2	7.5e+02	1	DIKPQNILLTSDGDVKLSDFGASIVVDNSAMR + Oxidation (M)
✓	251	618.82	1853.43	1853.87	-0.44	0	2	1.5e+03	1	SYSLLMCCGLFVFICR
✓	885	956.71	955.70	955.56	0.14	1	2	2.5e+02	1	AVNLERVR
✓	1025	1014.03	3039.07	3039.57	-0.49	2	2	1.1e+03	1	KCIYNEGIRAQYGGVIFLGVVSNPSMPK
✓	1890	689.92	2066.73	2066.98	-0.25	0	2	3.1e+02	1	STSLVEEVELQCEEFLR + Carbamidomethyl (C)
✓	403	711.28	2130.81	2131.04	-0.23	1	2	7.4e+02	1	FLFAPVGSNICKCIFMADR
✓	828	925.52	2773.54	2773.31	0.23	0	2	7.4e+02	1	LSCSPSPGIPSPSFWHSESFLPTEK + Carbamidomethyl (C)
✓	803	915.05	2742.14	2742.22	-0.09	1	2	1e+03	1	SHASGYSGGLRSSMSGHTAAGIYNGK
✓	1983	1144.06	2286.10	2286.16	-0.06	1	2	2.9e+02	1	IPMILSCGEYKQTYLLTEK + Carbamidomethyl (C)

✓	1146	1079.82	2157.63	2158.16	-0.53	2	2	9e+02	1	KNLSPPKGVLLYGPPGCSK + Carbamidomethyl (C)
✓	787	908.70	1815.39	1815.93	-0.53	1	2	9.6e+02	1	CSTAVLARGTAPQNATAK + Carbamidomethyl (C)
✓	2160	1026.11	3075.29	3075.57	-0.27	2	2	2e+02	1	MLGCRDLLWGDGTAAQTGLPLKMSLSLR + Carbamidomethyl (C); Oxidation (M)
✓	309	650.50	649.49	649.38	0.11	1	2	1.1e+03	1	KALGYV
✓	614	828.84	2483.49	2483.31	0.19	2	2	8.8e+02	1	MLATFVLATSMIRMIGSQGSKNK
✓	555	796.69	795.68	795.41	0.28	1	2	2.3e+02	1	SKMFQR
✓	801	914.22	2739.64	2739.31	0.33	1	2	1e+03	1	LHLVERATGQSESEGQATQSEPETR
✓	1078	1038.73	3113.16	3113.49	-0.33	0	2	9.6e+02	1	YGDEYFATNFMVVENVVGTLLGMPFLR + 2 Oxidation (M)
✓	111	512.09	1533.23	1532.66	0.57	1	2	8.5e+02	1	CAYCQASNFRTR + 2 Carbamidomethyl (C)
✓	2058	1255.67	2509.32	2509.22	0.10	2	2	3.1e+02	1	ARTSSPCIVFFDELDAICPRR + 2 Carbamidomethyl (C)
✓	1036	1019.61	3055.80	3055.42	0.38	2	2	9.2e+02	1	EVVQTMLIACCGEPGGGKNEMTPRFTSK + Carbamidomethyl (C); Oxidation (M)
✓	2090	876.22	2625.63	2625.38	0.24	2	2	2.8e+02	1	YVNNVGGRKITAWVFMQLSSLSR
✓	2110	905.17	2712.49	2712.20	0.29	2	2	2.2e+02	1	CIKGLLEPKCNPYPNTDGSCTDCK + 2 Carbamidomethyl (C)
✓	209	599.44	1196.87	1196.61	0.26	0	2	8.5e+02	1	VDALFTEFAGK
✓	1024	1013.70	3038.08	3038.40	-0.32	0	2	9.5e+02	1	DLGMPIMHDYITGGFTSNTSLAYYCR
✓	1830	975.71	1949.41	1948.99	0.42	0	2	4.7e+02	1	TSIVEYLADITGHEFVR
✓	1040	1023.16	2044.31	2043.99	0.32	2	2	8.1e+02	1	KTYPRYILMDGDLNSDK + Oxidation (M)
✓	1937	725.56	2173.66	2174.22	-0.56	1	2	4.1e+02	1	SIYQSVAASLLTQLLRQQR
✓	1221	1116.72	3347.13	3346.90	0.23	2	2	9.6e+02	1	MITTVLASKTEILLNILELMSNLLNIRFK + Oxidation (M)
✓	1385	1211.02	3630.04	3630.57	-0.53	2	2	8.1e+02	1	AMRVSAKTEAEATQDCDENAADEEPSDFLTR + Carbamidomethyl (C); Oxidation (M)
✓	1732	872.54	1743.06	1742.94	0.12	0	2	2.8e+02	1	ILNLNATSEQVAITEK
✓	766	898.70	2693.07	2693.50	-0.43	2	2	1e+03	1	LRLLLAERCATQLLVASGAPLSDAR + Carbamidomethyl (C)
✓	1866	673.22	2016.63	2017.01	-0.39	1	2	4.2e+02	1	FLHAAVEGRPCQFGVKCR
✓	659	852.06	2553.17	2553.30	-0.13	1	2	9.7e+02	1	LTLELGGQPFQGRVPNFFDQYK
✓	1817	641.45	1921.32	1920.98	0.34	1	2	3.4e+02	1	NKSPPETIAVHCVSGLGR + Carbamidomethyl (C)
✓	1908	706.03	2115.08	2115.12	-0.04	2	2	2.6e+02	1	LVAETVTEAGGAPVETMKGKK
✓	2123	926.97	2777.87	2777.34	0.54	1	2	3.8e+02	1	MFTQLEGGYIAVIQKYPYVDGDDR
✓	705	873.04	2616.10	2616.32	-0.21	1	2	1.2e+03	1	CVSIHTDRPTTKLGQLSTTMGWK + Carbamidomethyl (C)
✓	1234	1122.40	1121.40	1121.50	-0.10	0	2	9.5e+02	1	ACAGVPGSTMR + Carbamidomethyl (C); Oxidation (M)
✓	1432	629.38	1256.74	1256.66	0.08	2	2	2.9e+02	1	RTPSQRAAADGK
✓	2013	1188.49	2374.97	2375.20	-0.23	0	2	2.8e+02	1	GWYAGAVGALHFDGSLNTGLTLR
✓	1688	829.93	1657.86	1657.80	0.06	0	2	3e+02	1	ESTPLDAECTLPGR + Carbamidomethyl (C)
✓	1312	1173.56	3517.67	3517.48	0.19	1	2	7.8e+02	1	EMLTMCSDAHDSDLNGSGVGGGAMSASAGTGTAARK + Carbamidomethyl (C); 3 Oxidation (M)
✓	2153	1016.96	3047.85	3048.34	-0.49	2	2	3.5e+02	1	EGSYNASPQALCGLAMCASKDSKEAQR + 2 Oxidation (M)

✓	507	767.46	766.45	766.39	0.06	1	2	8e+02	1	AVCRYR
✓	525	784.99	2351.95	2352.21	-0.27	2	2	9.6e+02	1	DIMRIVDALFEWGKTSLTNK + Oxidation (M)
✓	1472	1295.67	3883.98	3883.66	0.33	1	2	7.2e+02	1	HEQVVHCGEAYMEMFALEVMMDDETQACTDPRAR + Carbamidomethyl (C)
✓	202	594.45	1186.89	1186.70	0.19	2	2	9.7e+02	1	IISGGRDKTIK
✓	1037	1020.21	3057.61	3057.34	0.27	1	2	9.9e+02	1	RLCGHAVLCQDDGTWSAEAGSSDTHAASR + Carbamidomethyl (C)
✓	1131	1070.09	3207.26	3207.62	-0.36	2	2	1e+03	1	REFLTHVPHTANASAPAMHEHLLTMRK + Oxidation (M)
✓	2124	929.51	2785.50	2785.38	0.12	0	2	2.5e+02	1	FHVDYQSVAGPEALDPVESLVESVAK
✓	476	755.39	754.39	754.43	-0.05	0	2	7.8e+02	1	TPKPAGGK
✓	1413	1236.05	1235.04	1235.62	-0.58	0	2	9.5e+02	1	VLENENFMLK
✓	94	486.95	971.88	972.40	-0.52	0	2	7.9e+02	1	CSADEPHSK
✓	1514	670.87	1339.72	1339.70	0.02	0	2	2.8e+02	1	AIDYILDLYNK
✓	378	694.79	2081.34	2081.13	0.20	2	2	1.2e+03	1	LFSRLTNEEIFCIAKK + Carbamidomethyl (C)
✓	240	613.79	1838.36	1838.70	-0.35	0	2	9.6e+02	1	SDDENDEATNETNETR
✓	687	865.10	1728.19	1727.95	0.23	2	2	9.2e+02	1	SVVTETEKLLRSPNR
✓	1400	1222.61	3664.82	3664.59	0.23	1	2	8.1e+02	1	SGSEVSMCGGSPTGSPQALSFPKSEMSGDGSLSSSR + Carbamidomethyl (C); Oxidation (M)
✓	1910	708.89	2123.65	2123.13	0.53	1	2	4.2e+02	1	NQFPKLFITLSDIHGTHR
✓	1554	697.47	1392.92	1392.80	0.12	1	2	3e+02	1	AVSKHQKPMIVR
✓	1628	765.01	1528.00	1527.79	0.21	1	2	3.3e+02	1	SGKPADLNKDLENK
✓	1788	619.09	1854.24	1853.98	0.26	1	2	3.4e+02	1	QQQQPVIVLNQKMER + Oxidation (M)
✓	786	908.39	2722.15	2722.46	-0.30	0	2	8.3e+02	1	HQVSGAVFLPGVFIRPGESLSGAIER
✓	376	693.79	1385.57	1385.80	-0.23	1	2	1.2e+03	1	EIVKIQMGÉVIK
✓	1014	1006.39	2010.77	2011.03	-0.25	0	2	9e+02	1	NQAIPFPQKPEANSPAFR
✓	1109	1056.36	3166.06	3165.53	0.52	2	2	1e+03	1	DWHALAPSAAIHLPMTLGGQCFRWRR + Carbamidomethyl (C); Oxidation (M)
✓	1649	789.79	1577.56	1577.73	-0.17	2	2	3.1e+02	1	LPEKKCNEMGSNGR + Oxidation (M)
✓	987	997.34	1992.67	1993.04	-0.36	2	2	9.9e+02	1	KNVYCDLMKVGIIDPTK + Carbamidomethyl (C)
✓	437	732.23	731.22	731.33	-0.11	0	2	3.7e+02	1	DEENII
✓	1244	1133.10	3396.29	3396.75	-0.46	2	2	1.3e+03	1	LVLLGTGPSTCVPNIGCLLGLRGERSPCAVCK + 3 Carbamidomethyl (C)
✓	1224	1117.02	2232.03	2232.07	-0.04	1	2	1.2e+03	1	YQKAMCLIASGIEQDPYFR
✓	2046	826.14	2475.40	2475.93	-0.53	0	2	2.7e+02	1	GNCNQPPNPSTCSHNCDECPSK + 2 Carbamidomethyl (C)
✓	436	731.28	2190.83	2191.09	-0.25	1	2	1.1e+03	1	YDSMQASLLADELKYLGFK
✓	1060	1031.66	1030.65	1030.46	0.19	1	2	3.9e+02	1	KSYEEMTK + Oxidation (M)
✓	704	872.59	2614.75	2615.34	-0.58	1	2	1.1e+03	1	IVLLDNTETDKATSTSEALPIPCK + Carbamidomethyl (C)
✓	255	619.09	1854.26	1854.05	0.21	1	2	1.3e+03	1	ALTKAILDAEQNVLDIK
✓	920	970.37	2908.07	2908.42	-0.35	2	2	9.4e+02	1	NFADLMDAEYQSRRVGANISKPPSAR + Oxidation (M)

✓	861	941.61	940.60	940.55	0.05	0	2	2.6e+02	1	FVLFLFR
✓	1045	1025.08	2048.14	2048.12	0.02	2	2	1.1e+03	1	TASLIHASVAFYRTLRLDK
✓	1522	675.39	1348.76	1348.78	-0.02	2	2	3.2e+02	1	HVSKTRHLLMK
✓	1178	1097.08	3288.23	3288.53	-0.31	1	2	1.1e+03	1	ETAELISNGADINAKGGDGCTALHSAAMNNSK + Oxidation (M)
✓	1631	514.64	1540.91	1540.77	0.14	1	2	3.5e+02	1	RILDEVVNDPDEK
✓	1779	613.08	1836.23	1835.86	0.37	1	2	3.5e+02	1	NSASLYPTEGIKGGGDR
✓	2188	1100.42	3298.25	3298.33	-0.08	0	2	3e+02	1	FSEQSLVDCVTSDYSCQCGSGGWPQAMK + 3 Carbamidomethyl (C)
✓	1822	969.77	1937.52	1937.03	0.49	1	2	5.6e+02	1	DEKISQVFVDTLFQIR
✓	2037	814.85	2441.53	2441.27	0.26	2	2	3.2e+02	1	FELCEALTHPWRQGALLAKK
✓	2132	964.35	2890.04	2889.57	0.47	2	2	3.8e+02	1	TLTQQELLHLQSKGINTKYIFSATR
✓	1134	1072.13	2142.25	2142.08	0.17	1	2	1.2e+03	1	KLEGPVNSLDLIENVPMCR + Oxidation (M)
✓	1445	1271.61	2541.20	2541.34	-0.15	1	2	7.5e+02	1	AIEQQLTGIYTKHATEDILAAQK
✓	2076	854.59	2560.76	2560.38	0.38	2	2	5e+02	1	NTALFGDLLRQGRQIDLLFENK
✓	296	643.04	1926.10	1926.00	0.11	0	2	1.2e+03	1	GSL SAYNAVTTVTRPF SR
✓	1814	960.26	1918.51	1918.03	0.48	1	2	5e+02	1	SAPHSIATFVSLEYLRK
✓	1840	656.41	1966.20	1966.03	0.16	2	2	3.5e+02	1	IYVDNMLSKNKYLTHK
✓	906	964.63	2890.87	2891.35	-0.48	1	2	1.1e+03	1	LSGLSLHRIGYEDMDELDEESEQVK
✓	1818	963.07	1924.12	1923.79	0.33	1	2	3e+02	1	CPLCDTFYCSVECKEK + Carbamidomethyl (C)
✓	997	999.91	2996.71	2996.61	0.10	1	2	9.4e+02	1	SQNPNPVIIQQAPSTPQPKDIFHLSIK
✓	1943	732.67	2194.99	2194.97	0.02	2	2	4.3e+02	1	RDCYRCYYLLKPDDR + 2 Carbamidomethyl (C)
✓	2165	1034.91	3101.70	3101.65	0.06	2	2	2.6e+02	1	GCCNIQNGLDKLGSLPKLSVLLLSETTTK + Carbamidomethyl (C)
✓	1460	642.49	1282.96	1282.62	0.34	0	2	3.4e+02	1	ASSITFVDMQ GK
✓	2105	903.77	2708.28	2708.40	-0.12	1	2	2.5e+02	1	VALGDTLMAADHFLALHESKEVGR + Oxidation (M)
✓	1073	1035.92	1034.91	1034.46	0.45	1	2	1e+03	1	NSEEKSDAR
✓	1156	1085.54	3253.60	3253.54	0.06	1	2	8.9e+02	1	MSHIHHTYHGRAGSSITTLSCSSLAAQGSEK
✓	1348	1192.27	1191.26	1191.62	-0.36	1	2	1e+03	1	YGRSTIPEAAK
✓	2119	913.75	2738.24	2738.35	-0.11	2	2	2.5e+02	1	ESEYLV SIRSGPAE IPTMDKIMEK + Oxidation (M)
✓	1030	1016.53	3046.58	3046.51	0.07	2	2	9.7e+02	1	GQRRCEALVAVYTQYTSSILQSM MR + Carbamidomethyl (C)
✓	1915	714.48	2140.41	2140.90	-0.49	0	2	3.7e+02	1	KPCGEGGCGGCAVAEYDNK + 2 Carbamidomethyl (C)
✓	797	912.68	911.67	911.46	0.21	0	2	2.6e+02	1	DVLAHVCR
✓	374	692.53	2074.58	2074.05	0.54	2	2	1.3e+03	1	MGGNEFLCASVKRDLLHK + Carbamidomethyl (C)
✓	642	840.48	1678.94	1678.88	0.06	1	2	8.7e+02	1	TCDIIRYTAGQLIR + Carbamidomethyl (C)
✓	1313	1173.58	3517.71	3517.72	-0.02	2	2	8.8e+02	1	RTRSGITDLPASFGTPAGTTSSGDSVLEHGVAAMR + Oxidation (M)
✓	1726	864.03	1726.05	1725.82	0.23	0	2	3.2e+02	1	NYLASEFAAVEEEVR

✓	2122	924.49	2770.43	2770.44	-0.01	2	2	2.7e+02	1	AFIIGTTSAYRVELAKEMMENLGVK
✓	964	985.82	2954.44	2954.52	-0.09	1	2	9.8e+02	1	ISNIEDKLHEATGNATISPIDAIEYLK
✓	508	768.96	2303.85	2304.22	-0.37	2	2	1e+03	1	NPSFAIGKTVLEVDNFLRER
✓	1097	1049.27	3144.78	3144.50	0.28	1	2	1.2e+03	1	AKLNIMGIVENMSGFVCPNCGSGSFIFPR + Carbamidomethyl (C)
✓	1821	967.47	1932.93	1932.99	-0.06	1	2	3.5e+02	1	GAPPGERASRPPTTPQQQR
✓	1987	766.15	2295.43	2295.27	0.16	1	2	3.7e+02	1	QKLVVGGQFSILNNAGQIQPGGK
✓	2055	835.60	2503.77	2503.45	0.32	2	2	5.3e+02	1	CLVAIKKVYSELLTAPALISLMK
✓	515	774.30	2319.89	2320.02	-0.13	2	2	1.1e+03	1	KCLEMFAELCEDNEKYNK + 2 Carbamidomethyl (C)
✓	769	899.48	898.47	898.39	0.09	0	2	8.9e+02	1	YTQACDAK
✓	2176	1066.97	3197.89	3198.47	-0.59	2	2	3.1e+02	1	NNGMRLNGTLGTSTDPMDENGLMRLNK + 3 Oxidation (M)
✓	496	762.27	761.26	761.40	-0.14	1	2	4.2e+02	1	KGSNASAK
✓	752	892.96	2675.85	2675.25	0.60	1	2	1.5e+03	1	LALLSFCSDGGQEVMDHRPRSER + Carbamidomethyl (C); Oxidation (M)
✓	1469	1291.27	3870.78	3870.90	-0.12	2	2	1.1e+03	1	ISLHNAANDTMRSSAVREHPAAASPSSSLAVTAHGEK
✓	1276	576.46	1150.91	1150.74	0.17	0	1	4.4e+02	1	LILGALPVVTR
✓	1618	752.46	1502.91	1502.74	0.17	0	1	3.5e+02	1	EMALVDQVNALER + Oxidation (M)
✓	2032	812.03	2433.07	2433.11	-0.03	2	1	2.8e+02	1	CCGVCCSRLSHSYRWPLPR + 2 Carbamidomethyl (C)
✓	1621	755.45	1508.88	1508.86	0.02	1	1	3.5e+02	1	NKIIHLSIDEVTK
✓	1211	1112.05	3333.13	3333.37	-0.24	1	1	1.4e+03	1	SGASGAHNGGSMAGAGGTADQSRWPTCHFCHR + 2 Oxidation (M)
✓	1685	821.17	1640.32	1640.80	-0.48	0	1	6.5e+02	1	DTAAPAAAPAEQAAATSK
✓	921	970.76	969.75	969.56	0.19	0	1	3e+02	1	PVIGLGTWK
✓	428	724.31	2169.90	2170.02	-0.12	2	1	9.5e+02	1	SFPPSELMKFMHRCMGLK + 2 Oxidation (M)
✓	623	833.41	2497.22	2497.29	-0.07	2	1	1.1e+03	1	TCQIINKVIKFTKPEEDNSYK
✓	1101	1051.73	2101.44	2101.05	0.39	0	1	1.2e+03	1	LNTSLSSLVYGDIGAFVCSR
✓	814	922.07	2763.20	2763.18	0.02	0	1	1.2e+03	1	LPTEEDEEPVQDPMMITDDPSK + Oxidation (M)
✓	954	982.13	981.12	981.48	-0.36	1	1	4e+02	1	RFGGSGVMR + Oxidation (M)
✓	1145	540.06	1078.10	1078.52	-0.42	2	1	6.4e+02	1	TGRERMAVSG + Oxidation (M)
✓	372	690.90	689.89	689.31	0.58	0	1	1.7e+03	1	CHGAFR
✓	166	567.41	1699.20	1698.90	0.29	0	1	9.3e+02	1	TFTLVVMAIVHDEPK
✓	561	799.37	798.36	798.39	-0.03	0	1	3.1e+02	1	IYSSVCK
✓	1329	1183.05	3546.14	3546.73	-0.59	1	1	1.2e+03	1	TESASTATAAPNLMATSPMTSVKSVHSALATAEASR
✓	424	723.33	722.33	722.28	0.04	0	1	2.6e+02	1	CCGADVR
✓	1750	894.06	1786.10	1785.79	0.31	1	1	3.4e+02	1	EIQQSMMAMSKEMAR + Oxidation (M)
✓	198	591.90	590.89	591.24	-0.35	0	1	5.3e+02	1	CEAGR + Carbamidomethyl (C)
✓	230	608.31	607.31	607.30	0.01	0	1	3.2e+02	1	TGLSCK

✓	1048	1026.64	3076.91	3076.47	0.45	0	1	1.1e+03	1	LHEAGALSCEETVFIDAAVIFAMYFTR + Carbamidomethyl (C); Oxidation (M)
✓	1402	1226.83	2451.64	2451.93	-0.29	0	1	1.1e+03	1	YCQLAAAFACADEFCHDCSADR + 2 Carbamidomethyl (C)
✓	1075	1036.80	3107.38	3107.48	-0.10	1	1	1.2e+03	1	CWIMGTEEVANGGAGSFIVGTTGGFVYRK
✓	2127	937.37	2809.09	2809.28	-0.19	1	1	3.1e+02	1	EDHPVSDAMQAFSLMTNEMVTLRR + 2 Oxidation (M)
✓	1087	1043.01	2084.01	2084.12	-0.12	0	1	1.4e+03	1	LLLLFDGLGCAVLQNPWR + Carbamidomethyl (C)
✓	1783	923.13	1844.26	1843.92	0.33	1	1	4.7e+02	1	WLGQSLSRSTLYDYR
✓	1306	1167.36	3499.07	3499.62	-0.56	1	1	1.2e+03	1	LTCDYFLMHGSDIVADNMVSNKYIFQYAK + Carbamidomethyl (C)
✓	1421	1249.64	3745.91	3745.84	0.07	2	1	9.5e+02	1	TLLAEETHSPPLTALFGLSGTPKVSSQDSSMCRNR + Oxidation (M)
✓	276	628.65	1255.28	1254.74	0.54	2	1	1.1e+03	1	DQLIKNIKQR
✓	1088	1043.77	1042.76	1042.57	0.19	1	1	4.3e+02	1	KYSSVVVVV
✓	1150	1082.13	1081.12	1081.52	-0.40	1	1	5.6e+02	1	EKVYVEGCR
✓	1229	1119.40	1118.39	1118.55	-0.16	0	1	1.2e+03	1	DVDSQTDIVK
✓	1411	1234.54	3700.59	3700.04	0.55	2	1	9.3e+02	1	QIENAVQKGQVVLLEDVGETLDAALDPVLLKQVR
✓	1270	1150.19	3447.54	3447.72	-0.18	1	1	1.1e+03	1	TLSSKNLSALHICAAFDSDCFIYIQNYLK + Carbamidomethyl (C)
✓	876	949.53	2845.58	2845.52	0.06	2	1	1e+03	1	NYPHEVIEIPGVLLIDVRTGQVDRAR
✓	959	983.55	2947.63	2947.50	0.14	2	1	1e+03	1	EDDVLSNELTTTWERNVLINTKMK
✓	1051	1028.77	2055.53	2055.06	0.47	1	1	1.2e+03	1	LSELKQVNEQEVNELQR
✓	1637	775.47	1548.93	1548.76	0.17	1	1	3.6e+02	1	AMVEAAAMMNVGAKR
✓	742	888.13	887.12	886.53	0.59	1	1	5.9e+02	1	GRLATLTR
✓	1881	678.38	2032.13	2032.03	0.10	2	1	3.7e+02	1	SDKNGPSDTLSVVDIARMK
✓	1158	1087.72	1086.72	1086.69	0.03	2	1	1.2e+03	1	RTLILSKTR
✓	1337	1186.50	3556.47	3556.71	-0.24	2	1	9.9e+02	1	YYLVVYQYVDRFNSDMVGRAIQELNPGMGK + 2 Oxidation (M)
✓	653	848.48	2542.42	2542.20	0.22	1	1	1.1e+03	1	TVNECLGLSACKSSFPGIVTCSR + 3 Carbamidomethyl (C)
✓	1052	1029.20	2056.39	2056.06	0.33	1	1	1.2e+03	1	ACLDGALRGDAEVLTTLP GK + Carbamidomethyl (C)
✓	2178	1075.17	3222.50	3222.65	-0.15	1	1	2.6e+02	1	TGHGVQGGFVSAMIDGQKYILVSRPVYAEK + Oxidation (M)
✓	388	702.55	2104.62	2105.05	-0.43	1	1	1.5e+03	1	NHQFFHAVVMAHGSVPRR + Oxidation (M)
✓	1083	1041.10	2080.18	2080.05	0.13	2	1	1.4e+03	1	RNVVFAEALRCACIVMR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1119	1064.65	2127.28	2127.06	0.23	1	1	1.2e+03	1	LNNSQQEQQTKQLPENTK
✓	901	962.78	1923.54	1922.97	0.56	0	1	1.3e+03	1	SIESGVSSFAVPLAQFER
✓	576	807.27	1612.53	1612.66	-0.14	1	1	1.5e+03	1	NGDKCVACDSSCLK + 3 Carbamidomethyl (C)
✓	975	991.91	990.90	990.48	0.42	0	1	6.3e+02	1	THYQDLSK
✓	315	653.95	1305.88	1305.65	0.23	2	1	1.1e+03	1	KGKNGTTGTEADK
✓	1309	1169.04	3504.09	3503.71	0.38	1	1	1.3e+03	1	VEICNFLVDLCANLSKQGAFCYVVCNNILK + 3 Carbamidomethyl (C)
✓	1130	1069.60	2137.18	2137.05	0.13	2	1	1e+03	1	NYYPGNFSVYVKSTDGAKK

✓	427	723.62	722.62	722.33	0.28	0	1	2.8e+02	1	AFNTDR
✓	1137	1072.91	2143.81	2144.07	-0.26	1	1	1.1e+03	1	HYPLGCAVFTLPPGMKNSR + Carbamidomethyl (C)
✓	1700	838.46	1674.90	1674.81	0.09	2	1	3.5e+02	1	LEGKWRGPVSEMDR + Oxidation (M)
✓	700	871.40	1740.78	1740.96	-0.18	0	1	1e+03	1	QTGELDDSIILLIGVR
✓	710	874.47	2620.39	2620.39	0.00	2	1	1.3e+03	1	TNVKVLGRPTQPTGTFFLRSMR
✓	1188	1101.27	2200.52	2200.02	0.50	1	1	1.2e+03	1	NMAGQGNSYSTICAKLCAVR + 2 Carbamidomethyl (C)
✓	1248	1135.68	3404.01	3403.61	0.40	2	1	1.1e+03	1	ALEQRQVIICCARMEGLLCTTEMEYNGLK + Carbamidomethyl (C); 2 Oxidation (M)
✓	1464	1289.57	2577.12	2577.33	-0.21	1	1	9.1e+02	1	DIFIQPCIDYSRIAIIILNNDGK + Carbamidomethyl (C)
✓	883	955.54	1909.07	1908.82	0.25	1	1	9.7e+02	1	EGDGFPKGCPCGCDLLK + 3 Carbamidomethyl (C)
✓	2191	1117.47	3349.39	3349.75	-0.36	1	1	2.8e+02	1	AGDEIYYALNILYFVSLVLDPIPEFGKK
✓	1067	1033.91	3098.71	3098.66	0.04	2	1	1.2e+03	1	VNKQLSGGASIGFPPRLTNEHIVPPSNAAK
✓	1863	1006.47	2010.92	2011.04	-0.12	1	1	3.6e+02	1	CLVELTIHASRDELLK + Carbamidomethyl (C)
✓	2157	1021.02	3060.03	3060.50	-0.47	0	1	4.9e+02	1	DTAGVNSPPTTVASAPATPHFSALCEPVR
✓	1429	1255.05	3762.13	3761.88	0.25	2	1	1.2e+03	1	DNNGRTPHLAASKGHLDDVVQFLCCLPTINVCEK + Carbamidomethyl (C)
✓	2027	1209.86	2417.70	2417.17	0.52	2	1	6e+02	1	DESVHRPGAACARAPRLLHCCR
✓	776	904.54	1807.07	1807.03	0.04	2	1	1.3e+03	1	NLMYNELVSKILVK + Oxidation (M)
✓	1213	1113.50	3337.48	3337.85	-0.36	2	1	1e+03	1	MSVRMLPFMLLLLFRLSGFIEDVAAISR
✓	2084	1290.81	2579.60	2579.25	0.35	0	1	4.4e+02	1	ALPEMSCIVSGSGVGYVEHIFNR + Oxidation (M)
✓	796	912.08	1822.15	1822.74	-0.59	1	1	1.2e+03	1	KGVFCESSGGGCCSFTR + Carbamidomethyl (C)
✓	504	766.28	1530.55	1530.77	-0.22	0	1	1.2e+03	1	IENALECVQGLGTK + Carbamidomethyl (C)
✓	2152	1009.43	3025.27	3025.57	-0.30	2	1	3.3e+02	1	WFTACVATLSVAAFARGSAALLRCVATAGR + Carbamidomethyl (C)
✓	1181	1098.24	2194.47	2195.02	-0.55	1	1	1.3e+03	1	TSDKFNCFVISLYMPMQR + Oxidation (M)
✓	170	571.03	570.02	570.31	-0.29	0	1	1.2e+03	1	IDAPR
✓	781	905.77	2714.29	2714.39	-0.11	1	1	1.3e+03	1	TPLLGATLGDTNSPHTMGILYTADKK
✓	1251	1140.66	3418.96	3418.60	0.36	2	1	1.1e+03	1	AGKGRSWMVTMCYLTTFGGMSFAEAVEFIR + Carbamidomethyl (C); Oxidation (M)
✓	1736	875.23	1748.44	1748.75	-0.31	0	1	6.5e+02	1	QSPRESSPEALMADSER + Oxidation (M)
✓	1201	1108.63	3322.86	3322.80	0.05	2	1	1e+03	1	MPQQTAKPKGPTSLPPRPVNAGGLQTPQRVR + Oxidation (M)
✓	1268	1148.83	3443.46	3443.48	-0.02	2	1	1.5e+03	1	MTMKDFVRNGNECVAVPFPEVDMCEMYTR + 2 Oxidation (M)
✓	569	804.14	1606.26	1605.84	0.42	1	1	1.6e+03	1	ILGYDLLAKCTDGPK
✓	1330	1183.84	3548.49	3548.81	-0.32	2	1	1.2e+03	1	NITVLQACNSLNIQPKFCFQENLKIAGNCR + Carbamidomethyl (C)
✓	1462	1287.25	3858.73	3858.86	-0.13	2	1	1.2e+03	1	ATAEGAPLPTDASAEESAATVDFLRHRQEQMQLYR
✓	2126	936.83	2807.47	2807.47	-0.01	2	1	3e+02	1	CIQALSPRTKPSGGAPAAAGEGARVLSKD
✓	1050	1028.37	1027.36	1027.46	-0.10	1	1	1.3e+03	1	CDHLDGRR + Carbamidomethyl (C)
✓	2097	1345.27	2688.53	2688.35	0.18	2	1	3.3e+02	1	MRSIQLQLSVMRNIVPSGEQDCK + Carbamidomethyl (C)

✓	2145	995.46	2983.36	2983.59	-0.24	2	1	3.7e+02	1	KILMAPALGIAAGVNVIGGHSQCFVMSRK + Oxidation (M)
✓	2052	1245.41	2488.81	2489.29	-0.48	1	1	5.3e+02	1	ANGGEVTELTWRLLIYDDIGR
✓	2079	1283.60	2565.19	2565.32	-0.14	1	1	3.4e+02	1	NLKHQPCTSVPASTSELLPISTSR
✓	1907	1057.17	2112.33	2112.09	0.24	0	1	4.5e+02	1	ISFIEFNEQDVVSILGFR
✓	1718	568.61	1702.81	1702.91	-0.11	0	1	4e+02	1	MSILSPVSVCRPSSLK
✓	1989	767.47	2299.39	2298.94	0.45	1	1	3.8e+02	1	EFCGCGMAHWGSDERGVMATR
✓	1028	1015.39	3043.14	3043.55	-0.41	2	1	1.3e+03	1	NIRFNVVAPGLIDGEGMATSLNEAQKQR + Oxidation (M)
✓	1876	677.53	2029.58	2029.00	0.59	2	1	6.5e+02	1	GPKGPAGPAGADGEEGPAGPRGK
✓	118	517.00	1547.97	1547.78	0.19	0	1	1.5e+03	1	NFTIDQVELDNIK
✓	1387	1212.47	3634.40	3634.84	-0.44	2	1	1.3e+03	1	HVPRIMEAMLNDRVLFHLMDSPLLPLSDSR + 2 Oxidation (M)
✓	793	910.57	909.56	909.51	0.05	1	1	3.3e+02	1	AIFERFK
✓	1800	942.69	1883.37	1883.86	-0.49	0	1	6.1e+02	1	ASGVPATFAAGCFWGTER + Carbamidomethyl (C)
✓	1919	1075.71	2149.40	2148.97	0.43	2	1	4.5e+02	1	HDDRNASLQKMVDCCSISK
✓	1356	1196.82	2391.63	2391.23	0.40	0	1	1.3e+03	1	LLQNETFNFEELVSKPIDQK
✓	1533	1365.61	4093.79	4093.70	0.10	2	1	9.8e+02	1	CDKEINIEHGHGGYECGDNGEWSTKCVLAYCDSGYK + 2 Carbamidomethyl (C)
✓	1536	1366.22	2730.43	2730.22	0.21	1	1	1.4e+03	1	TTDEEAPAWDLSEGAVTMVYDMKR + Oxidation (M)
✓	2206	1183.24	3546.70	3546.64	0.06	2	1	2.6e+02	1	ELEKCTNSMVDLVGDSKQLTEMITMCEASLR + Carbamidomethyl (C); Oxidation (M)
✓	873	948.03	2841.08	2841.18	-0.10	2	1	1.6e+03	1	DGYVASNGICKKCDENCGSCVINSK + 3 Carbamidomethyl (C)
✓	1450	1276.15	3825.42	3825.76	-0.34	2	1	1.6e+03	1	EGRCWARPGRGTGCAGGVQYCPLFIPSTCNELEK + 3 Carbamidomethyl (C)
✓	2107	904.73	2711.18	2711.17	0.01	2	1	3.3e+02	1	DDEEPSGSRGAAGSSAAQRMVWEMR + 2 Oxidation (M)
✓	171	571.61	1711.82	1711.97	-0.15	2	1	1.1e+03	1	RGPPLRLLSLQFCR + Carbamidomethyl (C)
✓	689	865.96	864.95	865.52	-0.57	2	1	8.4e+02	1	VRLHRSV
✓	794	910.86	909.85	910.43	-0.57	0	1	1.3e+03	1	NVSSDHPR
✓	841	931.64	2791.91	2791.42	0.49	2	1	1.5e+03	1	SYYGTHRIGPFHKTFTAVIGPNGSGK
✓	1082	1041.08	3120.23	3120.58	-0.35	2	1	1.6e+03	1	IAMESLDRPLEQEVRLSFGAFFERHK + Oxidation (M)
✓	728	880.71	2639.10	2639.17	-0.07	0	1	1.6e+03	1	QPGSPSVSSPQCQMGPQTNHSAGVGAK + Oxidation (M)
✓	1787	926.59	1851.17	1850.90	0.27	2	1	4.8e+02	1	SLEEKVNSFEEQREK
✓	505	766.53	765.52	765.41	0.12	1	1	3.8e+02	1	MKSGSLK + Oxidation (M)
✓	1058	1031.32	3090.94	3090.64	0.30	1	1	1.6e+03	1	MMLQIIVGTAFSCPSEPLAKAFQLVIAR + Carbamidomethyl (C)
✓	1140	1074.65	3220.93	3220.50	0.43	2	1	1.3e+03	1	VTDVVRHACEDHIEFCPYEQFEADLKK
✓	1264	1146.73	1145.73	1145.61	0.12	1	1	1.4e+03	1	IGVDTPSVKCK
✓	1324	1181.20	2360.39	2359.97	0.43	2	1	1.3e+03	1	TEDGGGSGMGQAMGPRCPYCSKV + Carbamidomethyl (C); Oxidation (M)
✓	716	876.87	2627.58	2627.13	0.45	1	1	1.5e+03	1	CHGSANCPVCIVVEELHCECRR + 3 Carbamidomethyl (C)
✓	1740	879.80	1757.58	1756.99	0.59	0	1	4.6e+02	1	DVGALAIAAVIANHPGLR

✓	1869	674.64	2020.90	2020.81	0.09	1	1	3.9e+02	1	MFCAQCEETNNNTGCTKK
✓	1059	1031.64	3091.90	3091.34	0.56	1	1	1.4e+03	1	VRPVACSVCDADVSCFAAATRAMSESCR + 3 Carbamidomethyl (C); Oxidation (M)
✓	2179	1075.45	3223.33	3223.68	-0.35	1	1	3.2e+02	1	AAAAPVRSESSTSKPSVAQLRPTNIDDVAGTK
✓	513	773.46	772.45	772.37	0.09	0	0	5.9e+02	1	CISHTR + Carbamidomethyl (C)
✓	1806	949.92	1897.82	1897.91	-0.09	1	0	3.9e+02	1	SPGHLCRNEEVSSSALR + Carbamidomethyl (C)
✓	618	831.67	1661.32	1661.86	-0.54	1	0	1.8e+03	1	LIDVFNCAKHFH
✓	1180	1097.33	2192.64	2193.04	-0.40	2	0	1.4e+03	1	LYFMDCKTCGASRSVASIK + 2 Carbamidomethyl (C)
✓	1247	1134.38	2266.74	2267.16	-0.43	2	0	1.5e+03	1	ASPSGGGAAEDGASAAATRLRIPGK
✓	1214	1113.64	3337.91	3337.72	0.19	2	0	1.2e+03	1	EFFSIVDVVFAGTMGPPGGGRHFITQRFLR
✓	464	746.72	745.72	745.41	0.31	1	0	6.3e+02	1	AEVRSGK
✓	607	413.34	824.67	824.51	0.16	0	0	3.4e+02	1	LVDPIIR
✓	1230	1120.16	3357.46	3357.57	-0.12	0	0	1.5e+03	1	NAYWELWGLPLFDIQDPAALMYELGECK + Carbamidomethyl (C); Oxidation (M)
✓	2170	1045.45	3133.33	3133.57	-0.25	1	0	3.5e+02	1	KPSAAAGPIDGGAVVVGSTNGGLDTGMQTSYKK
✓	1206	1109.70	3326.07	3325.56	0.51	1	0	1.3e+03	1	EEGETDDDNITSPEDFVGRVIGLAHPLSK
✓	1452	1277.77	2553.53	2553.20	0.33	1	0	1.3e+03	1	RCEGLGMTAEACHCTIYAGLILR + Carbamidomethyl (C); Oxidation (M)
✓	1645	786.30	1570.59	1570.73	-0.13	2	0	4.6e+02	1	CCKRAGSLTETSMK + Carbamidomethyl (C)
✓	1321	1178.84	3533.49	3533.67	-0.18	1	0	1.4e+03	1	ALSGEKGVTVCTYVESSVEPSCTFFSSHVELGK + Carbamidomethyl (C)
✓	1335	1185.71	2369.41	2369.15	0.26	1	0	1.3e+03	1	VIPHATGCARAEGYFVSAETK
✓	517	776.54	2326.61	2326.24	0.37	1	0	1.7e+03	1	TLLCGQRILNVSVLPDTANGSR
✓	1135	1072.21	2142.40	2142.00	0.40	2	0	1.4e+03	1	REEHQLAVQQYCDDPRR
✓	2146	996.91	2987.71	2987.63	0.09	2	0	3.4e+02	1	RAAVTVPLSSDSSGSRVRPSVATPAVPPAR
✓	570	804.53	803.53	803.48	0.05	0	0	5.8e+02	1	VILTSGSK
✓	729	881.13	1760.25	1759.98	0.26	1	0	1.3e+03	1	IDSFVIITEAQRLQK
✓	934	974.75	1947.49	1947.82	-0.33	0	0	1.6e+03	1	DESGEGVIDLDDDEVGER
✓	1955	1119.90	2237.78	2238.07	-0.29	0	0	5.3e+02	1	CLELSFLGGNPEIMLECLK + 2 Carbamidomethyl (C); Oxidation (M)
✓	2189	1102.84	3305.49	3305.68	-0.18	2	0	3.2e+02	1	LDTNFYRYPPEVIKQIAMTAPPIEER
✓	1399	611.67	1221.33	1220.75	0.58	2	0	5e+02	1	FKSTLGKIVTK
✓	1444	1270.52	3808.54	3807.95	0.59	2	0	1.2e+03	1	VYKMFIGNNEICHLALAAIEKSPIVVSFLEQCR + Carbamidomethyl (C); Oxidation (M)
✓	678	862.54	861.53	861.46	0.07	1	0	5.9e+02	1	MPTLKEK + Oxidation (M)
✓	1032	1017.24	2032.46	2031.89	0.57	0	0	1.7e+03	1	NLFQMASLYDCPMASER + Carbamidomethyl (C)
✓	169	569.84	568.83	568.30	0.53	0	0	1.7e+02	1	AHDVK
✓	500	764.03	2289.06	2289.18	-0.13	2	0	1.4e+03	1	LPVKWCAIEALDDRIFSEK + Carbamidomethyl (C)
✓	2054	1249.53	2497.05	2497.39	-0.34	2	0	3.9e+02	1	SGEMLAILGPSGAGKSTLLDILAKR
✓	791	909.77	2726.28	2726.12	0.16	0	0	1.5e+03	1	SLCGCAQSVYSYSNMNDYNAHCLPK + Carbamidomethyl (C); Oxidation (M)

✓	1154	1084.99	2167.96	2168.17	-0.21	1	0	1.5e+03	1	KLANGIVNLYNEGTVTLGHR
✓	821	922.79	2765.34	2765.41	-0.07	2	0	1.4e+03	1	YTVRAVYLATTDSSSEQHVAQRATAK
✓	1998	1170.72	2339.43	2339.21	0.22	2	0	4.5e+02	1	AAMKNQTLQFITIDISRMSR + Oxidation (M)
✓	406	713.71	2138.10	2137.94	0.15	2	0	1.2e+03	1	GCNEDTGEEAKRAPAYQSR + Carbamidomethyl (C)
✓	1420	1247.69	2493.36	2493.13	0.23	1	0	1.3e+03	1	MGYWDPEYCVKDTDVLALFR + Carbamidomethyl (C); Oxidation (M)
✓	1932	1083.12	2164.24	2164.11	0.13	2	0	4e+02	1	TEINTVQEMQFGKRAQLR + Oxidation (M)
✓	1995	1166.66	2331.31	2331.89	-0.58	1	0	3.8e+02	1	NSSVTCGARCQAAAADCDCEDR
✓	602	821.27	2460.79	2460.28	0.51	2	0	1.6e+03	1	VSELEMFWRSLKSSVHLGDK
✓	990	998.26	997.26	997.53	-0.28	0	0	1.7e+03	1	IFTDPLHR
✓	1739	877.09	1752.16	1751.96	0.19	1	0	4.5e+02	1	AAAVGQQAKAAGANAAAAIK
✓	1902	1050.71	2099.41	2098.97	0.44	1	0	5.8e+02	1	NHIMCEFIPKICEFMTK + Oxidation (M)
✓	911	966.91	2897.70	2897.60	0.09	0	0	1.5e+03	1	QLGAVIIMIHLVIGYTAIQTMAIWAR + Oxidation (M)
✓	1999	783.87	2348.60	2349.00	-0.40	2	0	6.7e+02	1	ENDMLXHXHRAGNSTYARQK
✓	1085	1041.83	3122.47	3122.64	-0.17	2	0	1.4e+03	1	AHMLQPGNIEVVRHILGLHGECMLRK + Carbamidomethyl (C); Oxidation (M)
✓	1550	1388.71	4163.10	4163.03	0.07	2	0	1.1e+03	1	LAMQEFMILPVGATSFETESMQIGCEVYHCLKKVINK + Carbamidomethyl (C); 3 Oxidation (M)
✓	1862	1004.06	2006.11	2005.94	0.17	0	0	4.3e+02	1	WLMDHDIIDEAPPPMR
✓	176	576.38	1726.10	1725.84	0.26	1	0	1.3e+03	1	SEAWVAGKLGMSMLSK + 2 Oxidation (M)
✓	184	582.10	1743.28	1742.73	0.55	1	0	1.5e+03	1	QCWRATCADCSTSVR + Carbamidomethyl (C)
✓	837	930.35	2788.02	2787.46	0.56	2	0	1.6e+03	1	VMPVGSRTAIGVGTRQVSSSFGGVPWR
✓	586	814.05	1626.09	1625.89	0.19	1	0	1.6e+03	1	KQFYAGQLVQFIGK
✓	981	993.77	992.76	992.53	0.23	1	0	1.6e+03	1	RVVEAYEK
✓	988	997.42	996.41	996.50	-0.09	1	0	4e+02	1	MMRASVFR
✓	2133	968.20	2901.58	2901.47	0.10	1	0	3.8e+02	1	ETPTPPQPVVKSGVGTGASTTSGSVTSFQK
✓	142	538.28	1611.82	1611.76	0.06	1	0	1e+03	1	SPCFKDLDFVEQK + Carbamidomethyl (C)
✓	1410	1234.48	3700.41	3700.01	0.41	2	0	1.3e+03	1	TPVAVICAGVKSILDIPHVDAAIEAGLAAKASNVMGK
✓	1415	1240.17	3717.49	3716.90	0.60	2	0	1.5e+03	1	LDCPGAQRLMKPQHPLQEATVKSMLPLGATWR + Oxidation (M)
✓	1728	870.41	1738.81	1738.86	-0.05	0	0	4.9e+02	1	IWEEGGITCSVRPHR
✓	1861	1003.71	2005.40	2005.88	-0.48	1	0	5.9e+02	1	RNVCHPFQGECDVMEK + Oxidation (M)
✓	2158	1021.05	3060.13	3060.69	-0.56	1	0	4.8e+02	1	CTHASMALVAAVALVLVLPVSRARPVGMR + Carbamidomethyl (C); Oxidation (M)
✓	289	639.55	638.55	638.30	0.24	1	0	3.7e+02	1	YNKTN
✓	567	803.90	2408.67	2408.08	0.59	0	0	2.4e+03	1	TCMADVLMSEASEWAGIAGLGHK + 2 Oxidation (M)
✓	585	813.34	1624.66	1624.75	-0.09	0	0	1.3e+03	1	VSSASCSVNYAPLDR + Carbamidomethyl (C)
✓	1405	1231.35	3691.02	3690.60	0.42	2	0	1.6e+03	1	MDNEYKDSIDDQAQDQNSHEEIHRTLEDTSK
✓	1888	688.20	2061.57	2061.99	-0.42	2	0	7.4e+02	1	ARMNEQCAIIKNCANDIR

✓	2121	918.85	2753.53	2753.43	0.11	1	0	3.9e+02	1	NEIQRVSVTSCVSALPNVVHFLADR
✓	2213	1246.90	3737.68	3737.79	-0.11	2	0	2.7e+02	1	NTFPNEQRTPHSHSTLTQSISESKSENEIPQSK
✓	2156	1020.47	3058.39	3058.52	-0.13	1	0	3.9e+02	1	LHDESDLADERPLHHVTLMVAMEKK + 2 Oxidation (M)
✓	1292	1161.08	2320.15	2320.09	0.06	2	0	1.9e+03	1	MVPQGKETPDTCFPAVKANNR
✓	2044	1237.19	2472.37	2472.32	0.05	1	0	4e+02	1	DPQTVHLNPKSALPLDLQSMR
✓	2130	954.79	2861.36	2861.37	-0.01	0	0	3.7e+02	1	LGLDYNESPSPFSDNQSLGEALLEPTR
✓	563	799.47	2395.39	2395.05	0.34	0	0	1.4e+03	1	ESSGMGMGSLANTNGVGGQAGDGIR + Oxidation (M)
✓	1252	1140.79	2279.57	2279.25	0.32	2	0	1.6e+03	1	SPLPLPHSPPKARQSTVQSR
✓	2140	988.46	2962.34	2962.39	-0.05	1	0	4.2e+02	1	LCGNGYFLYKGGCYSTHAGPGLICK + 2 Carbamidomethyl (C)
✓	1794	933.86	1865.70	1865.94	-0.23	1	0	4.5e+02	1	MFDKATAAALEAIDMLR
✓	375	693.12	1384.23	1384.81	-0.59	1	0	1.8e+03	1	LFNFLYKILSK
✓	1210	1111.90	3332.69	3332.71	-0.02	1	0	1.5e+03	1	VNTIQTSTLGSLAMTERLLNDTETVGIDAAAK
✓	1492	654.95	1307.89	1307.65	0.25	0	0	4.8e+02	1	AAPAADAPAPGNASK
✓	1808	635.02	1902.04	1901.97	0.07	0	0	4.9e+02	1	ANATASVLFTEPPMGAGLR
✓	1891	1036.75	2071.49	2071.03	0.46	2	0	8.1e+02	1	CAAHSVGMDTELEVLRRK + Carbamidomethyl (C)
✓	1136	1072.40	1071.39	1071.43	-0.04	0	0	1.5e+03	1	MCSVPFCR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1334	1185.34	3553.00	3552.90	0.10	2	0	1.7e+03	1	KLIAPVHTSILMELNKLAVSMDAFGVVEQEV + Oxidation (M)
✓	1485	1302.33	3903.98	3903.74	0.24	2	0	1.5e+03	1	MVDGASVTYHDGPVGTCLGWMWCAVGACPRGRHR + Carbamidomethyl (C); Oxidation
✓	1491	1308.67	3922.99	3922.84	0.16	0	0	1.1e+03	1	SLFIMYGGATSFDEIDIEQSPSLSSHLQFFSSGGLR + Oxidation (M)
✓	1661	795.36	1588.70	1588.74	-0.04	2	0	5.4e+02	1	KDRNGMPGGSGDLNR + Oxidation (M)
✓	1724	859.51	1717.00	1716.83	0.17	0	0	4.7e+02	1	GSNALDSANQLDASVQK
✓	1981	762.36	2284.06	2284.10	-0.05	1	0	4.6e+02	1	RCLQLSFLGGNQEIMSECLK + Oxidation (M)
✓	1	217.30	216.29							
✓	2	221.12	220.11							
✓	3	226.23	225.22							
✓	4	227.03	226.02							
✓	5	228.35	227.35							
✓	6	229.07	228.06							
✓	7	229.18	228.17							
✓	8	229.24	228.23							
✓	9	235.22	234.21							
✓	10	237.29	236.28							
✓	11	239.15	238.14							
✓	12	239.18	238.17							

✓	13	247.10	246.09
✓	14	256.26	255.25
✓	15	257.30	256.29
✓	16	269.03	268.03
✓	17	269.04	268.03
✓	18	269.05	268.04
✓	21	285.03	284.02
✓	22	285.03	284.02
✓	23	285.03	284.02
✓	24	285.06	284.05
✓	25	285.06	284.05
✓	26	285.08	284.07
✓	27	285.08	284.08
✓	28	285.13	284.12
✓	29	288.35	287.34
✓	30	296.90	295.90
✓	31	297.04	296.04
✓	32	297.10	296.09
✓	33	297.12	296.11
✓	35	297.18	296.18
✓	36	298.27	297.26
✓	37	299.09	298.08
✓	38	299.09	298.09
✓	39	299.16	298.15
✓	40	299.20	298.20
✓	41	300.25	299.25
✓	43	351.00	349.99
✓	44	355.14	354.13
✓	45	355.14	354.13
✓	47	371.07	370.06
✓	48	371.08	370.08
✓	49	371.09	370.09
✓	51	371.16	370.15
✓	52	371.16	370.15

✓	53	371.17	370.17
✓	54	371.18	370.17
✓	55	371.18	370.17
✓	56	371.19	370.18
✓	57	371.19	370.18
✓	58	371.32	370.31
✓	60	388.99	387.98
✓	63	429.03	428.02
✓	64	429.15	428.15
✓	65	429.17	428.17
✓	66	429.18	428.17
✓	67	429.21	428.20
✓	68	429.21	428.21
✓	69	429.22	428.21
✓	71	445.16	444.15
✓	72	445.17	444.16
✓	73	445.18	444.17
✓	74	445.19	444.18
✓	75	445.21	444.20
✓	76	445.25	444.24
✓	77	445.25	444.24
✓	78	445.27	444.26
✓	79	445.27	444.27
✓	80	446.11	445.10
✓	84	449.97	448.96
✓	86	455.25	454.24
✓	95	488.07	487.06
✓	98	492.45	491.44
✓	99	494.36	493.35
✓	100	496.42	495.41
✓	102	503.09	502.08
✓	103	503.17	502.16
✓	106	507.11	506.10
✓	107	507.67	506.67

✓	108	508.39	507.38
✓	110	510.67	509.66
✓	113	257.24	512.46
✓	115	514.43	513.43
✓	116	515.40	514.39
✓	120	519.15	518.15
✓	121	519.16	518.16
✓	123	519.20	518.19
✓	125	519.25	518.24
✓	126	519.35	518.34
✓	131	525.08	524.07
✓	137	533.33	532.32
✓	140	536.58	535.57
✓	141	538.19	537.18
✓	144	543.96	542.95
✓	145	544.02	543.01
✓	152	552.64	551.64
✓	161	563.35	562.34
✓	165	567.30	566.30
✓	168	569.00	567.99
✓	174	572.91	571.90
✓	175	573.09	572.08
✓	179	578.98	577.97
✓	181	579.87	578.86
✓	183	582.09	581.08
✓	187	584.42	583.41
✓	191	586.84	585.83
✓	193	587.39	586.38
✓	195	589.31	588.30
✓	200	593.14	592.13
✓	201	594.31	593.30
✓	203	595.03	594.03
✓	210	599.75	598.74
✓	217	603.61	602.60

✓	218	603.66	602.65
✓	220	603.95	602.95
✓	222	604.07	603.06
✓	225	606.98	605.97
✓	226	606.98	605.97
✓	228	608.02	607.01
✓	233	609.64	608.63
✓	235	611.09	610.08
✓	237	611.94	610.93
✓	243	615.02	614.02
✓	247	617.29	616.29
✓	250	618.72	617.71
✓	252	618.86	617.85
✓	253	619.01	618.00
✓	254	619.02	618.01
✓	257	619.89	618.89
✓	258	620.26	619.26
✓	265	622.80	621.80
✓	272	626.46	625.45
✓	273	627.08	626.07
✓	275	628.01	627.00
✓	278	630.64	629.64
✓	280	632.08	631.07
✓	281	633.20	632.19
✓	283	635.01	634.01
✓	284	637.34	636.33
✓	285	637.37	636.36
✓	288	639.09	638.08
✓	290	640.96	639.96
✓	292	641.92	640.91
✓	293	641.95	640.94
✓	294	642.38	641.37
✓	298	644.21	643.20
✓	300	645.03	644.02

✓	303	646.60	645.60
✓	304	647.47	646.47
✓	305	647.66	646.65
✓	306	649.74	648.73
✓	310	650.82	649.82
✓	327	658.06	657.06
✓	331	664.47	663.46
✓	339	667.13	666.12
✓	340	667.27	666.27
✓	343	672.31	671.31
✓	347	675.33	674.32
✓	349	675.77	674.77
✓	352	678.38	677.37
✓	355	681.52	680.52
✓	356	682.11	681.10
✓	357	682.16	681.15
✓	358	682.41	681.40
✓	362	683.40	682.40
✓	365	685.73	684.72
✓	368	687.62	686.61
✓	369	345.03	688.05
✓	379	694.84	693.83
✓	381	697.46	696.45
✓	383	698.42	697.41
✓	387	701.02	700.02
✓	389	702.84	701.83
✓	390	703.18	702.18
✓	391	703.57	702.56
✓	392	235.24	702.70
✓	394	704.55	703.54
✓	395	704.71	703.70
✓	396	705.30	704.29
✓	402	711.10	710.09
✓	405	713.23	712.23

✓	407	713.78	712.77
✓	409	714.77	713.76
✓	410	715.14	714.13
✓	411	239.08	714.23
✓	413	717.60	716.59
✓	415	718.47	717.46
✓	420	720.29	719.29
✓	421	720.40	719.40
✓	422	722.16	721.15
✓	425	723.36	722.35
✓	426	723.52	722.51
✓	429	724.38	723.37
✓	431	728.32	727.31
✓	433	729.26	728.26
✓	434	729.54	728.53
✓	435	730.05	729.04
✓	438	732.57	731.56
✓	442	735.01	734.00
✓	443	735.18	734.17
✓	445	737.47	736.46
✓	446	737.69	736.68
✓	447	738.28	737.27
✓	449	740.06	739.05
✓	450	371.14	740.26
✓	452	741.45	740.44
✓	458	744.04	743.03
✓	459	744.08	743.07
✓	463	746.31	745.30
✓	465	747.12	746.11
✓	467	747.70	746.69
✓	468	749.56	748.55
✓	471	752.50	751.49
✓	473	753.00	751.99
✓	474	753.18	752.17

✓	477	755.68	754.68
✓	479	755.80	754.79
✓	483	757.43	756.43
✓	484	757.71	756.70
✓	487	759.06	758.05
✓	488	759.33	758.32
✓	490	759.52	758.52
✓	491	760.22	759.21
✓	493	760.86	759.85
✓	495	761.52	760.51
✓	497	762.52	761.51
✓	502	765.79	764.79
✓	506	766.90	765.89
✓	509	769.55	768.55
✓	511	770.47	769.47
✓	512	771.98	770.97
✓	518	777.42	776.41
✓	524	784.55	783.55
✓	534	788.92	787.91
✓	536	789.78	788.78
✓	538	790.38	789.37
✓	540	791.98	790.97
✓	543	792.52	791.52
✓	545	793.47	792.46
✓	546	793.55	792.54
✓	547	793.60	792.59
✓	548	793.96	792.95
✓	549	793.97	792.96
✓	551	795.05	794.04
✓	557	797.31	796.30
✓	558	797.49	796.49
✓	560	798.54	797.53
✓	564	799.88	798.87
✓	571	804.59	803.58

✓	572	269.00	803.97
✓	575	807.18	806.17
✓	582	812.41	811.40
✓	583	812.89	811.88
✓	584	813.05	812.05
✓	587	814.84	813.84
✓	589	815.00	813.99
✓	592	816.50	815.49
✓	598	819.60	818.60
✓	599	819.89	818.89
✓	600	820.03	819.03
✓	608	826.15	825.14
✓	609	826.41	825.40
✓	616	829.33	828.32
✓	619	831.84	830.83
✓	621	833.20	832.19
✓	627	835.00	834.00
✓	628	835.44	834.44
✓	629	836.61	835.60
✓	630	836.68	835.68
✓	633	837.81	836.80
✓	634	838.15	837.14
✓	635	839.47	838.46
✓	638	839.67	838.67
✓	641	840.47	839.46
✓	643	840.52	839.51
✓	645	842.49	841.49
✓	652	847.46	846.45
✓	655	849.61	848.60
✓	658	851.20	850.19
✓	660	285.02	852.04
✓	661	285.06	852.16
✓	662	285.13	852.37
✓	665	855.47	854.46

✓	666	855.73	854.72
✓	667	856.73	855.72
✓	668	857.18	856.17
✓	669	429.19	856.37
✓	670	857.87	856.86
✓	672	860.01	859.00
✓	673	860.68	859.68
✓	676	861.45	860.44
✓	677	861.72	860.71
✓	679	862.76	861.75
✓	680	863.38	862.37
✓	682	863.52	862.51
✓	683	863.54	862.54
✓	684	432.33	862.64
✓	686	864.15	863.14
✓	690	866.44	865.44
✓	693	869.30	868.30
✓	696	869.94	868.93
✓	697	870.79	869.79
✓	698	870.80	869.79
✓	701	871.54	870.53
✓	707	874.06	873.06
✓	708	874.08	873.07
✓	709	874.31	873.31
✓	713	875.33	874.32
✓	714	876.38	875.38
✓	715	876.60	875.59
✓	717	876.91	875.90
✓	718	877.24	876.24
✓	723	878.26	877.25
✓	724	878.27	877.26
✓	725	879.05	878.05
✓	726	879.75	878.74
✓	727	880.38	879.38

✓	730	881.29	880.28
✓	731	881.46	880.45
✓	733	882.65	881.64
✓	734	883.34	882.33
✓	736	883.55	882.55
✓	739	885.55	884.54
✓	746	889.25	888.24
✓	748	890.34	889.33
✓	750	890.57	889.57
✓	751	892.39	891.39
✓	753	893.37	892.37
✓	756	893.94	892.93
✓	757	894.84	893.84
✓	758	895.56	894.55
✓	759	896.10	895.09
✓	760	896.58	895.57
✓	767	899.21	898.20
✓	768	899.38	898.37
✓	770	902.67	901.66
✓	771	902.89	901.89
✓	773	903.37	902.37
✓	778	904.81	903.80
✓	779	905.10	904.09
✓	780	905.58	904.57
✓	782	906.13	905.13
✓	785	907.85	906.84
✓	792	910.23	909.22
✓	795	911.92	910.92
✓	798	912.73	911.72
✓	805	915.76	914.76
✓	807	459.61	917.21
✓	808	918.39	917.39
✓	810	919.81	918.81
✓	811	920.17	919.17

✓	815	922.10	921.09
✓	816	922.12	921.11
✓	817	922.12	921.12
✓	818	922.14	921.13
✓	822	923.05	922.04
✓	823	924.00	923.00
✓	829	925.67	924.67
✓	832	928.11	927.10
✓	833	928.41	927.40
✓	835	929.22	928.21
✓	839	931.00	929.99
✓	842	931.87	930.86
✓	843	931.93	930.93
✓	844	932.73	931.72
✓	845	933.36	932.36
✓	847	935.13	934.13
✓	848	936.56	935.55
✓	851	937.32	936.31
✓	852	937.63	936.62
✓	853	938.45	937.44
✓	860	941.51	940.51
✓	862	941.66	940.65
✓	863	942.93	941.93
✓	867	945.61	944.60
✓	869	946.23	945.22
✓	870	946.34	945.33
✓	872	947.28	946.28
✓	879	952.22	951.21
✓	880	954.21	953.20
✓	881	954.71	953.70
✓	886	957.28	956.27
✓	888	958.35	957.34
✓	890	959.10	958.09
✓	893	960.08	959.07

✓	894	960.26	959.25
✓	895	960.45	959.45
✓	898	961.26	960.26
✓	900	962.76	961.76
✓	903	964.06	963.05
✓	909	965.65	964.64
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Search Parameters

Type of search : MS/MS Ion Search
 Enzyme : Trypsin
 Variable modifications : Carbamidomethyl (C),Oxidation (M)
 Mass values : Monoisotopic
 Protein Mass : Unrestricted
 Peptide Mass Tolerance : ± 0.6 Da
 Fragment Mass Tolerance: ± 0.3 Da

Max Missed Cleavages : 2
Instrument type : ESI-TRAP
Number of queries : 2213

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