



Mascot Search Results

User : GM
Email : gabriel.mazzucchelli@ulg.ac.be
Search title : Submitted from 081125-OGE33-precip-ZipTip-8467 by Mascot Daemon on MASPEC39
MS data file : F:\DATA\Archives\ESQUIRE\2008-Esquire\Adjuvac\081120-OGE33\081125-OGE33-precip-dig-zipTip_8467.mgf
Database : NCBI nr 20081117 (6550153 sequences; 2246496946 residues)
Taxonomy : Other Eukaryota (159618 sequences)
Timestamp : 26 Nov 2008 at 12:43:11 GMT
Significant hits: [gi|3023478](#) RecName: Full=Chaperonin HSP60, mitochondrial; Short=Protein Cpn60; AltName: Full=groEL protein; Al
[gi|50659756](#) heat shock protein 70 [Trypanosoma cruzi]
[gi|71414968](#) microtubule-associated protein [Trypanosoma cruzi strain CL Brener]
[gi|296214](#) P69 antigen [Trypanosoma congolense]
[gi|71413559](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71667211](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71410853](#) 10 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]
[gi|3885846](#) beta tubulin [Trypanosoma cruzi]
[gi|71667953](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71399455](#) surface protein TolT [Trypanosoma cruzi strain CL Brener]
[gi|5566209](#) enolase 1 [Trypanosoma cruzi]
[gi|71662736](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|1170958](#) RecName: Full=Macrophage infectivity potentiator; AltName: Full=Peptidyl-prolyl cis-trans isomerase
[gi|71413591](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|119859](#) RecName: Full=Flagellar calcium-binding protein; Short=FCABP; AltName: Full=1F8 protein; AltName: F
[gi|71425779](#) I/6 autoantigen [Trypanosoma cruzi strain CL Brener]
[gi|71659715](#) cyclophilin A [Trypanosoma cruzi strain CL Brener]
[gi|71406218](#) COP-coated vesicle membrane protein gp25L precursor [Trypanosoma cruzi strain CL Brener]
[gi|1314208](#) alpha-tubulin
[gi|120679](#) RecName: Full=Glyceraldehyde-3-phosphate dehydrogenase, glycosomal; Short=GAPDH
[gi|71404821](#) trans-sialidase [Trypanosoma cruzi strain CL Brener]
[gi|704459](#) elongation factor 1 alpha [Trypanosoma cruzi]
[gi|168830555](#) translation elongation factor 1 alpha [Andalucia incarcerationata]
[gi|71659663](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71655052](#) reiske iron-sulfur protein precursor [Trypanosoma cruzi strain CL Brener]
[gi|71663174](#) succinyl-CoA ligase [GDP-forming] beta-chain [Trypanosoma cruzi]
[gi|133068](#) 60S acidic ribosomal protein P2-B (P2B)
[gi|71666956](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71648964](#) hypothetical protein [Trypanosoma cruzi strain CL Brener]
[gi|71403861](#) trans-sialidase [Trypanosoma cruzi strain CL Brener]
[gi|71655600](#) mitochondrial processing peptidase, beta subunit [Trypanosoma cruzi strain CL Brener]
[gi|67479249](#) heat shock protein70, hsp70A2 [Entamoeba histolytica HM-1:IMSS]
[gi|33694250](#) heat shock protein 70 [Euglena gracilis]
[gi|84105389](#) cytosolic heat shock protein 70 [Trimastix marina]

gi 55824404	heat shock protein 70 cytosolic isoform [Cryptobia hellicis]
gi 23306650	heat shock protein 70 [Carpodidemonas membranifera]
gi 123592	RecName: Full=Heat shock 70 kDa protein
gi 10119899	pyruvate phosphate dikinase 1 [Trypanosoma cruzi]
gi 71409962	calpain-like cysteine peptidase [Trypanosoma cruzi strain CL Brener]
gi 71660675	6-phospho-1-fructokinase [Trypanosoma cruzi strain CL Brener]
gi 9954108	RNA binding protein RGGm [Trypanosoma cruzi]
gi 71656483	hypothetical protein [Trypanosoma cruzi strain CL Brener]
gi 71416147	histone H2A [Trypanosoma cruzi strain CL Brener]
gi 73536838	histone H2A [Leishmania major strain Friedlin]
gi 71407337	hypothetical protein [Trypanosoma cruzi strain CL Brener]
gi 123615	RecName: Full=Heat shock 70 kDa protein, mitochondrial; Flags: Precursor
gi 71420500	cytochrome C oxidase subunit VI [Trypanosoma cruzi strain CL Brener]
gi 167375825	hypothetical protein [Entamoeba dispar SAW760]
gi 71651239	thiolase protein-like protein [Trypanosoma cruzi strain CL Brener]
gi 123401786	hypothetical protein [Trichomonas vaginalis G3]
gi 225587	tubulin alpha
gi 84105377	alpha tubulin 2 [Rhynchopus sp. ATCC 50230]
gi 116222245	alpha tubulin [Thaumatomonas sp. TMT002]
gi 71413646	hypothetical protein [Trypanosoma cruzi strain CL Brener]
gi 154420635	DEAD/DEAH box helicase family protein [Trichomonas vaginalis G3]
gi 158577406	glycosomal glyceraldehyde-3-phosphate dehydrogenase [Crithidia oncopelti]
gi 71413449	RNA-binding protein [Trypanosoma cruzi strain CL Brener]

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.

 Score Distribution

Peptide Summary Report

Format As

Peptide Summary

[Help](#)

Significance threshold p< 0.05

Max. number of hits AUTO

Standard scoring ☐ MudPIT scoring ☒ Ions score cut-off 0

Show sub-sets ☐

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

Decreasing Score

Require bold red ☐

Select All

Select None

Search Selected

☐ Error tolerant

Archive Report

1. [gi|3023478](#) Mass: 59374 Score: 374 Queries matched: 8

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
☒ 1482	557.86	1113.71	1113.64	0.07	0	94	2.1e-07	1	R.AVSAVATTLGPK.G
☒ 1673	602.37	1202.73	1202.58	0.15	0	55	0.0018	1	K.VGGGSEVEVNEK.K
☒ 1798	659.92	1317.82	1317.69	0.13	0	88	9.7e-07	1	R.NVIEQSYGAPK.I
☒ 1806	670.37	1338.72	1338.61	0.12	0	87	1e-06	1	R.GLIDGETSDYNR.E
☒ 1871	728.93	1455.85	1455.80	0.05	0	102	3.2e-08	1	R.AVGVILQSVAEQSR.K
☒ 1964	804.04	1606.06	1605.92	0.14	0	22	3.2	1	R.AAVQEGIVPGGGVALLR.A
☒ 2020	846.95	1691.88	1691.81	0.07	0	108	8.7e-09	1	K.VLENNDVTVG YDAQR.D
☒ 2358	844.48	2530.41	2530.29	0.12	1	59	0.00048	1	R.KVTSTENIVQVATISANGDEELGR.L

Proteins matching the same set of peptides:

[gi|71665068](#) Mass: 59129 Score: 374 Queries matched: 8

chaperonin HSP60, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]

[gi|71665064](#) Mass: 59351 Score: 374 Queries matched: 8

chaperonin HSP60, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]

2. [gi|50659756](#) Mass: 71330 Score: 271 Queries matched: 7

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
✓ 1797	658.38	1314.74	1314.62	0.12	0	6	1.2e+02	1	K.FEELNMELFK.G + Oxidation (M)
✓ 1862	725.43	1448.85	1448.75	0.10	0	82	3.1e-06	1	R.ITPSVVAFTETER.L
✓ 1892	741.99	1481.97	1481.78	0.19	0	70	4.7e-05	1	K.SDIHEIVLVGGSTR.V
✓ 1993	553.69	1658.05	1657.90	0.14	0	(8)	84	1	R.IINEPTAAAIAYGLNK.A
✓ 1994	830.03	1658.05	1657.90	0.15	0	113	2.3e-09	1	R.IINEPTAAAIAYGLNK.A
✓ 1996	832.84	1663.66	1663.83	-0.17	0	7	1.1e+02	1	K.NAVVTVPAYFNDAQR.Q
✓ 2028	851.47	1700.92	1700.78	0.14	0	95	1.5e-07	1	R.VEVDSLTEGDFSEK.I

Proteins matching the same set of peptides:

[gi|71415505](#) Mass: 71272 Score: 271 Queries matched: 7
glucose-regulated protein 78 [Trypanosoma cruzi strain CL Brener]

3. [gi|71414968](#) Mass: 125435 Score: 250 Queries matched: 11
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
✓ 1865	726.93	1451.84	1451.73	0.11	0	79	6e-06	1	R.ALPLEEQEDVGPR.H
✓ 1868	727.42	1452.83	1452.71	0.12	0	81	3.7e-06	1	R.ALPLEEEEDVGPR.H
✓ 1879	734.40	1466.78	1466.70	0.08	0	69	7.5e-05	1	R.AL PQEEQEDVGPR.H
✓ 1880	489.95	1466.83	1466.70	0.13	0	(35)	0.18	1	R.AL PQEEQEDVGPR.H
✓ 1881	734.90	1467.78	1467.68	0.10	0	73	2.2e-05	1	R.AL PQEEEDVGPR.H
✓ 1974	542.01	1623.01	1622.80	0.21	1	37	0.087	1	K.RAL PQEEQEDVGPR.H
✓ 1977	542.32	1623.94	1623.79	0.15	1	40	0.052	1	K.RAL PQEEEDVGPR.H
✓ 2068	900.02	1798.02	1797.85	0.16	0	28	0.71	1	R.STTQDAYRPVDPSAYK.R
✓ 2069	600.35	1798.02	1797.85	0.17	0	(28)	0.77	1	R.STTQDAYRPVDPSAYK.R
2072	904.11	1806.21	1805.89	0.32	0	0	5.9e+02	2	R.HVDPSVYTTTNQAVFK.D
✓ 2146	652.41	1954.20	1953.95	0.24	1	41	0.041	1	R.STTQDAYRPVDPSAYKR.A

4. [gi|296214](#) Mass: 70909 Score: 178 Queries matched: 5
P69 antigen [Trypanosoma congolense]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1619	1171.38	1170.37	1170.64	-0.27	0	8	91	1	K.FELTGIPPAAR.G
1993	553.69	1658.05	1657.90	0.14	0	(8)	84	1	R.IINEPTAAAIAYGLNK.A
1994	830.03	1658.05	1657.90	0.15	0	113	2.3e-09	1	R.IINEPTAAAIAYGLNK.A
1996	832.84	1663.66	1663.83	-0.17	0	7	1.1e+02	1	K.NAVVTVPAYFNDAGR.Q
2028	851.47	1700.92	1700.78	0.14	0	95	1.5e-07	1	R.VEVDLSTEGFDFSEK.I

5. [gi|71413559](#) Mass: 44080 Score: 176 Queries matched: 9

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
☒ 1517	563.35	1124.68	1124.63	0.05	0	(16)	12	1	R.QFIPASLPPR.Q
☒ 1518	563.37	1124.72	1124.63	0.09	0	45	0.015	1	R.QFIPASLPPR.Q
☒ 1519	563.39	1124.77	1124.63	0.14	0	(43)	0.025	1	R.QFIPASLPPR.Q
☒ 201	568.90	1135.78	1135.56	0.22	0	41	0.08	1	K.GVEDVEPVHR.K
☒ 1646	594.37	1186.72	1186.63	0.09	0	65	0.0002	1	K.ALTEEWILGR.K
☒ 77	480.40	1438.19	1437.76	0.43	0	45	0.04	1	K.IVHASPSDFLAGPK.E
☒ 2021	846.98	1691.95	1691.85	0.10	0	93	2.5e-07	1	K.ANESLDVLNLGQYTR.E
☒ 2122	637.36	1909.07	1908.97	0.10	0	32	0.27	1	K.DLVEAPARPASANAAAGGSGK.K
☒ 345	645.80	1934.38	1933.99	0.40	1	14	1.1e+02	1	R.NKANESLDVLNLGQYTR.E

6. [gi|71667211](#) Mass: 30381 Score: 161 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
☒ 1952	787.06	1572.10	1571.92	0.17	0	96	1.4e-07	1	R.AIGSTITLITNSLIR.Y
☒ 2265	1124.62	2247.22	2247.11	0.11	0	104	1.6e-08	1	R.YEGLTGQIDGPNNTVSLTNVR.V
☒ 2330	805.16	2412.46	2412.24	0.21	0	27	0.79	1	R.GQEAGLAQIPPADQLFDQIVFR.G

7. [gi|71410853](#) Mass: 10694 Score: 157 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
☒ 1639	591.44	1180.87	1180.68	0.19	0	37	0.086	1	K.AGVLIPEQVAGK.V
☒ 1801	665.46	1328.91	1328.73	0.18	0	94	2.1e-07	1	K.VNEGTVVAVAAATK.D
1995	831.99	1661.96	1661.85	0.11	0	23	2.4	2	K.VDDTVLLPEFGGSSVK.V
179	555.03	1662.08	1661.85	0.23	0	(17)	31	2	K.VDDTVLLPEFGGSSVK.V
☒ 2276	1129.62	2257.23	2257.08	0.15	0	85	1.2e-06	1	K.VEGEEFFLYNEDSLLGVLQG.-

Proteins matching the same set of peptides:

[gi|71410857](#) Mass: 20085 Score: 157 Queries matched: 5
10 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]

8. [gi|3885846](#) Mass: 9102 Score: 142 Queries matched: 2
beta tubulin [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
☒ 1807	671.36	1340.70	1340.64	0.06	0	81	3.8e-06	1	R.INVYFDEATGGR.Y
☒ 2097	924.48	1846.94	1846.87	0.07	0	93	2.5e-07	1	R.EIVCVQAGQCGNQIGSK.F + 2 Carbamidomethyl (C)

Proteins matching the same set of peptides:

[gi|91983178](#) Mass: 10597 Score: 142 Queries matched: 2
beta tubulin [Crithidia deanei]
[gi|111115853](#) Mass: 49628 Score: 142 Queries matched: 2
beta tubulin [Trypanosoma evansi]
[gi|115504281](#) Mass: 49672 Score: 142 Queries matched: 2
beta tubulin [Trypanosoma brucei]
[gi|166203636](#) Mass: 24112 Score: 142 Queries matched: 2
beta tubulin [Trypanosoma evansi]
[gi|169125731](#) Mass: 49655 Score: 142 Queries matched: 2
beta-tubulin [Trypanosoma evansi]
[gi|91983201](#) Mass: 42807 Score: 142 Queries matched: 2

beta tubulin [Trypanosoma grayi]
[gi|1220547](#) Mass: 49410 Score: 142 Queries matched: 2
 beta tubulin
[gi|3915883](#) Mass: 49541 Score: 142 Queries matched: 2
 Tubulin beta chain (Beta-tubulin)
[gi|18568139](#) Mass: 49668 Score: 142 Queries matched: 2
 beta tubulin 1.9 [Trypanosoma cruzi]
[gi|71656281](#) Mass: 49668 Score: 142 Queries matched: 2
 beta tubulin [Trypanosoma cruzi strain CL Brener]
[gi|74229926](#) Mass: 49696 Score: 142 Queries matched: 2
 beta-tubulin [Trypanosoma danilewskyi]

9. [gi|71667953](#) Mass: 45869 Score: 138 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
☒ 1335	529.87	1057.72	1057.60	0.12	0	34	0.22	1	K.LQVELLDTK.H
1447	549.87	1097.72	1097.57	0.15	0	21	3.3	2	K.NVLPEEIER.V
☒ 1674	602.88	1203.75	1203.63	0.11	0	50	0.0056	1	R.IQSILSETGEK.E
☒ 1763	637.89	1273.77	1273.61	0.16	0	62	0.0003	1	R.VENGELNALCR.V + Carbamidomethyl (C)
☒ 1836	462.29	1383.84	1383.64	0.19	0	67	0.0001	1	R.HHSDDEVAAYIK.E
☒ 1838	692.95	1383.89	1383.64	0.25	0	(38)	0.077	1	R.HHSDDEVAAYIK.E
☒ 1851	714.45	1426.88	1426.73	0.15	0	55	0.0018	1	K.ELPELQVLSedr.A

10. [gi|71399455](#) Mass: 24752 Score: 134 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
☒ 1649	594.87	1187.72	1187.64	0.08	0	63	0.00028	1	R.AAEQTVLSLEK.A
☒ 1902	750.99	1499.96	1499.83	0.13	0	110	5e-09	1	R.TLAQDVAATASALLR.Q

Proteins matching the same set of peptides:

[gi|71402301](#) Mass: 32319 Score: 134 Queries matched: 2
surface protein TolT [Trypanosoma cruzi strain CL Brener]

11. [gi|5566209](#) Mass: 37655 Score: 106 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
☒ 608	787.48	1572.94	1572.81	0.13	0	106	3.7e-08	1	K.AQVVGDDLTVTNVSR.I
☒ 2342	823.21	2466.59	2466.30	0.30	1	11	48	1	K.NVNDVLAPALVGKDELQQSTLDK.L

Proteins matching the same set of peptides:

[gi|5566210](#) Mass: 37596 Score: 106 Queries matched: 2
enolase 2 [Trypanosoma cruzi]

[gi|71665461](#) Mass: 46415 Score: 106 Queries matched: 2
enolase [Trypanosoma cruzi strain CL Brener]

12. [gi|71662736](#) Mass: 42788 Score: 94 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
☒ 961	466.29	930.57	930.48	0.09	0	50	0.0058	1	K.VDLNLSR.R
☒ 1753	631.35	1260.69	1260.56	0.13	0	66	0.00014	1	R.DLNSAEER.AQR.S
☒ 1755	632.39	1262.77	1262.65	0.11	0	58	0.00089	1	R.QLDSINVFAEK.Y
2008	559.68	1676.02	1675.88	0.14	1	4	2e+02	5	R.FVLASIEEKENELR.E

13. [gi|1170958](#) Mass: 22122 Score: 88 Queries matched: 2
RecName: Full=Macrophage infectivity potentiator; AltName: Full=Peptidyl-prolyl cis-trans isomerase

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 108	508.80	1015.59	1015.58	0.01	0	49	0.016	1	K.LPSGLVFQR.I
☒ 1626	587.86	1173.71	1173.59	0.12	0	76	1.3e-05	1	R.TAEVDEILR.K

Proteins matching the same set of peptides:

[gi|21465757](#) Mass: 18822 Score: 88 Queries matched: 2
Chain A, Trypanosoma Cruzi Macrophage Infectivity Potentiator (Tcmip)
[gi|71418561](#) Mass: 22140 Score: 88 Queries matched: 2
macrophage infectivity potentiator, precursor [Trypanosoma cruzi strain CL Brener]

14. [gi|71413591](#) Mass: 16740 Score: 87 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
☒ 1891	741.94	1481.87	1481.75	0.12	0	87	9.7e-07	1	K.TETVSSTETVVT.K.N

15. [gi|119859](#) Mass: 23721 Score: 86 Queries matched: 3
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
☒ 1142	495.32	988.63	988.52	0.10	0	38	0.078	1	K.VEDPAALFK.E
☒ 1845	707.87	1413.73	1413.59	0.14	0	49	0.0059	1	K.LDADGDPDNVPESA.-
☒ 518	737.99	1473.97	1473.68	0.29	0	71	0.00013	1	K.GSEDFVEFLEFR.L

Proteins matching the same set of peptides:

[gi|1552212](#) Mass: 23727 Score: 86 Queries matched: 3
calcium-binding protein [Trypanosoma cruzi]
[gi|1556494](#) Mass: 23627 Score: 86 Queries matched: 3
24 kDa flagellar calcium-binding protein [Trypanosoma cruzi]
[gi|71404399](#) Mass: 11930 Score: 86 Queries matched: 3
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71406002](#) Mass: 23827 Score: 86 Queries matched: 3
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71406004](#) Mass: 23799 Score: 86 Queries matched: 3
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]

[gi|71412217](#) Mass: 23707 Score: 86 Queries matched: 3
calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|71656918](#) Mass: 23713 Score: 86 Queries matched: 3
flagellar calcium-binding protein [Trypanosoma cruzi strain CL Brener]
[gi|487896](#) Mass: 23803 Score: 86 Queries matched: 3
calcium-binding protein

16. [gi|71425779](#) Mass: 23211 Score: 85 Queries matched: 2
I/6 autoantigen [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
☒ 1737	623.36	1244.71	1244.60	0.11	0	85	1.5e-06	1	M.PISPAAFEER.H
1939	776.00	1549.98	1549.68	0.30	1	4	2e+02	4	K.NPNNCLDARMMAK.H + Carbamidomethyl (C); Oxidation (M)

Proteins matching the same set of peptides:

[gi|71655864](#) Mass: 23105 Score: 85 Queries matched: 2
I/6 autoantigen [Trypanosoma cruzi strain CL Brener]

17. [gi|71659715](#) Mass: 18769 Score: 85 Queries matched: 2
cyclophilin A [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
☒ 1804	667.91	1333.80	1333.73	0.08	0	67	0.0001	1	R.VVFELFADAVPK.T
☒ 480	720.48	1438.95	1438.72	0.23	0	46	0.039	1	K.VFFDVSIQQSAGR.V

18. [gi|71406218](#) Mass: 36425 Score: 83 Queries matched: 1
COP-coated vesicle membrane protein gp25L precursor [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
☒ 1925	763.92	1525.83	1525.69	0.14	0	83	2.3e-06	1	R.VGSENNDYSELATK.E

Proteins matching the same set of peptides:

[gi|71652059](#) Mass: 24859 Score: 83 Queries matched: 1
COP-coated vesicle membrane protein gp25L precursor [Trypanosoma cruzi strain CL Brener]

19. [gi|1314208](#) Mass: 46927 Score: 82 Queries matched: 2
alpha-tubulin

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 2035	858.56	1715.10	1714.91	0.19	0	82	2.8e-06	1	R.AVFLDLEPTVVDEIR.T
☒ 2288	765.49	2293.46	2293.20	0.26	1	16	12	1	R.AVFLDLEPTVVDEIRTGTYR.Q

Proteins matching the same set of peptides:

[gi|3915082](#) Mass: 49696 Score: 82 Queries matched: 2
Tubulin alpha chain
[gi|71397525](#) Mass: 49768 Score: 82 Queries matched: 2
alpha tubulin [Trypanosoma cruzi strain CL Brener]
[gi|74229924](#) Mass: 49766 Score: 82 Queries matched: 2
alpha-tubulin [Trypanosoma danilewskyi]
[gi|91983193](#) Mass: 38117 Score: 82 Queries matched: 2
alpha tubulin [Parabodo caudatus]
[gi|91983196](#) Mass: 49777 Score: 82 Queries matched: 2
alpha tubulin [Trypanosoma cyclops]
[gi|91983200](#) Mass: 49749 Score: 82 Queries matched: 2
alpha tubulin [Trypanosoma grayi]

20. [gi|120679](#) Mass: 39036 Score: 74 Queries matched: 4
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
☒ 1835	692.90	1383.78	1383.77	0.01	0	42	0.03	1	R.AAAVNIIPSTTGAAC.A
☒ 1837	692.94	1383.87	1383.77	0.10	0	(40)	0.046	1	R.AAAVNIIPSTTGAAC.A
☒ 2075	604.65	1810.92	1810.81	0.11	0	24	1.6	1	K.IVSWYDNEWGYSHR.V
☒ 2262	747.89	2240.65	2240.06	0.59	0	67	0.00019	1	K.GILGYTDEELVSADFINDNR.S

Proteins matching the same set of peptides:

[gi|71422448](#) Mass: 39008 Score: 74 Queries matched: 4
glyceraldehyde 3-phosphate dehydrogenase [Trypanosoma cruzi strain CL Brener]
[gi|71650185](#) Mass: 38993 Score: 74 Queries matched: 4
glyceraldehyde 3-phosphate dehydrogenase [Trypanosoma cruzi strain CL Brener]

21. [gi|71404821](#) Mass: 88843 Score: 72 Queries matched: 1
trans-sialidase [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
☒ 2153	985.08	1968.14	1967.86	0.29	0	72	3.1e-05	1	K.ATGSSAGEDSESSGAAGTDLAK.G

Proteins matching the same set of peptides:

[gi|71393748](#) Mass: 37829 Score: 72 Queries matched: 1
trans-sialidase [Trypanosoma cruzi strain CL Brener]

22. [gi|704459](#) Mass: 43546 Score: 70 Queries matched: 2
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
☒ 1249	513.38	1024.74	1024.60	0.14	0	70	4.3e-05	1	K.IGGIGTVPVGR.V
☒ 2352	836.44	2506.30	2506.26	0.04	0	17	9	1	R.VETGTMKPGDVVTFAPANVTTEVK.S + Oxidation (M)

Proteins matching the same set of peptides:

[gi|1929445](#) Mass: 49018 Score: 70 Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|52424046](#) Mass: 49067 Score: 70 Queries matched: 2
elongation factor alpha G5 [Trypanosoma cruzi]
[gi|61207234](#) Mass: 47727 Score: 70 Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]
[gi|61207240](#) Mass: 47728 Score: 70 Queries matched: 2

elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207250	Mass: 47741	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207252	Mass: 47688	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207254	Mass: 47727	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207256	Mass: 47843	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207270	Mass: 48276	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207272	Mass: 47767	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207276	Mass: 47784	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207288	Mass: 47711	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207290	Mass: 47769	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207296	Mass: 47667	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207306	Mass: 47815	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 61207316	Mass: 47797	Score: 70	Queries matched: 2
elongation factor 1-alpha [Trypanosoma cruzi]			
gi 71403912	Mass: 48316	Score: 70	Queries matched: 2
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]			
gi 71403914	Mass: 49125	Score: 70	Queries matched: 2
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]			
gi 71403916	Mass: 30716	Score: 70	Queries matched: 2
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]			
gi 71408910	Mass: 49083	Score: 70	Queries matched: 2
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]			
gi 71408922	Mass: 42751	Score: 70	Queries matched: 2
elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]			
gi 71664927	Mass: 49097	Score: 70	Queries matched: 2

elongation factor 1-alpha (EF-1-alpha) [Trypanosoma cruzi strain CL Brener]

23. [gi|168830555](#) Mass: 44024 Score: 70 Queries matched: 2

translation elongation factor 1 alpha [Andalucia incarceration]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1249	513.38	1024.74	1024.60	0.14	0	70	4.3e-05	1	K.IGGIGTVPVGR.V
66	467.34	1399.00	1398.62	0.38	1	3	5e+02	3	K.MDDKSVNYGQAR.F + Oxidation (M)

24. [gi|71659663](#) Mass: 31532 Score: 70 Queries matched: 2

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
860	895.65	894.64	894.50	0.14	2	3	8.8e+02	2	K.RKTVSPA.H-
☒ 1986	818.38	1634.74	1634.78	-0.05	0	70	5.3e-05	1	R.MVSENEAINDVVTK.L

25. [gi|71655052](#) Mass: 33662 Score: 69 Queries matched: 3

reiske iron-sulfur protein precursor [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
☒ 1189	501.88	1001.74	1001.58	0.16	0	40	0.06	1	R.IETTAGVALK.D
☒ 1644	593.38	1184.75	1184.64	0.11	0	37	0.093	1	K.QLEGSNPLTVK.D
☒ 2456	1004.86	3011.56	3011.38	0.18	0	48	0.0064	1	K.YSDPALCTVDTSSSEVVLNTYPDGAPQGR.I + Carbamidomethyl (C)

Proteins matching the same set of peptides:

[gi|71657437](#) Mass: 33708 Score: 69 Queries matched: 3

reiske iron-sulfur protein precursor [Trypanosoma cruzi strain CL Brener]

26. [gi|71663174](#) Mass: 45236 Score: 69 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
☒ 1589	580.36	1158.70	1158.61	0.08	0	69	7e-05	1	R.TLEEVEAALGK.I

27. [gi|133068](#) Mass: 10919 Score: 68 Queries matched: 1
60S acidic ribosomal protein P2-B (P2B)

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1490	558.88	1115.75	1115.62	0.13	0	68	8.4e-05	1	R.SVATLVAEGAAK.M

Proteins matching the same set of peptides:

[gi|71405064](#) Mass: 10861 Score: 68 Queries matched: 1
60S acidic ribosomal protein P2 [Trypanosoma cruzi strain CL Brener]

28. [gi|71666956](#) Mass: 40800 Score: 67 Queries matched: 2
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
☒ 1803	667.84	1333.66	1333.59	0.07	0	67	0.00011	1	K.QEINECVETGR.E + Carbamidomethyl (C)
☒ 1946	522.37	1564.08	1563.83	0.25	1	21	3.8	1	K.IISVADQYVESGRK.I

29. [gi|71648964](#) Mass: 52877 Score: 66 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
☒ 1985	815.47	1628.92	1628.78	0.15	0	66	0.00014	1	R.QLQESENQQER.A

Proteins matching the same set of peptides:

[gi|71659037](#) Mass: 52427 Score: 66 Queries matched: 1

hypothetical protein [Trypanosoma cruzi strain CL Brener]

30. [gi|71403861](#) Mass: 76587 Score: 65 Queries matched: 1

trans-sialidase [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
☒ 2077	909.05	1816.09	1815.94	0.15	0	65	0.00016	1	R.SVEELQWDLFVPQK.T

Proteins matching the same set of peptides:

[gi|71404338](#) Mass: 48533 Score: 65 Queries matched: 1

trans-sialidase [Trypanosoma cruzi strain CL Brener]

31. [gi|71655600](#) Mass: 54205 Score: 64 Queries matched: 2

mitochondrial processing peptidase, beta subunit [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
☒ 155	536.97	1607.89	1607.86	0.03	0	25	3.8	1	R.VVVVSGAVDHTALER.A
☒ 2336	811.09	2430.26	2430.09	0.17	0	60	0.00039	1	R.CAFDSTSHGLGTPFYGTETGVAR.V + Carbamidomethyl (C)

32. [gi|67479249](#) Mass: 66261 Score: 62 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
1619	1171.38	1170.37	1170.64	-0.27	0	8	91	1	R.FELTGIAPAPR.G
☒ 1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.VEIIANDQGNR.T
☒ 1895	744.42	1486.82	1486.69	0.13	0	28	0.76	1	R.TTPSYVAFTDTER.L

Proteins matching the same set of peptides:

[gi|183232244](#) Mass: 73979 Score: 62 Queries matched: 3

heat shock protein70, hsp70A2 [Entamoeba histolytica HM-1:IMSS]

[gi|183234352](#) Mass: 70515 Score: 62 Queries matched: 3

heat shock protein 70 [Entamoeba histolytica HM-1:IMSS]

[gi|183234972](#) Mass: 70518 Score: 62 Queries matched: 3

heat shock protein 70 [Entamoeba histolytica HM-1:IMSS]

33. [gi|33694250](#) Mass: 50799 Score: 62 Queries matched: 3

heat shock protein 70 [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
1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.VEIIANDQGNR.T
71	473.00	1415.97	1415.75	0.22	0	1	1.2e+03	7	K.SDGRPIIQVEFR.G
1895	744.42	1486.82	1486.69	0.13	0	28	0.76	1	R.TTPSYVAFTDTER.L

34. [gi|84105389](#) Mass: 67446 Score: 62 Queries matched: 3

cytosolic heat shock protein 70 [Trimastix marina]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
210	573.28	1144.55	1144.67	-0.12	1	2	9.4e+02	7	K.NIPPAPRGVPK.I
1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.VEIIANDQGNR.T
1895	744.42	1486.82	1486.69	0.13	0	28	0.76	1	R.TTPSYVAFTDTER.L

35. [gi|55824404](#) Mass: 69318 Score: 62 Queries matched: 3

heat shock protein 70 cytosolic isoform [Cryptobia heliciis]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.VEIIANDQGNR.T
480	720.48	1438.95	1438.68	0.27	1	0	1.5e+03	8	R.MVSDAAKFEAQDK.E
1895	744.42	1486.82	1486.69	0.13	0	28	0.76	1	R.TTPSYVAFTDTER.L

36. [gi|23306650](#) Score: 62 Queries matched: 2

heat shock protein 70 [Carpodemonas membranifera]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.VEIIANDQGNR.T
1972	540.35	1618.03	1617.96	0.07	1	0	4.2e+02	10	K.IHEIVLVGGSTRIPK.V

37. [gi|123592](#) Mass: 56500 Score: 62 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
1710	614.89	1227.76	1227.62	0.14	0	62	0.0003	1	R.LDIIANDQGNR.T

38. [gi|10119899](#) Mass: 100749 Score: 62 Queries matched: 2
pyruvate phosphate dikinase 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
1577	576.94	1151.87	1151.54	0.33	0	3	2.7e+02	4	R.SFGAEGVGLCR.T + Carbamidomethyl (C)
☒ 1696	609.39	1216.77	1216.60	0.16	0	62	0.00032	1	K.TAEETLAAAGQR.V

Proteins matching the same set of peptides:

[gi|71658999](#) Mass: 100785 Score: 62 Queries matched: 2
pyruvate phosphate dikinase [Trypanosoma cruzi strain CL Brener]

[gi|71666490](#) Mass: 100767 Score: 62 Queries matched: 2
pyruvate phosphate dikinase [Trypanosoma cruzi strain CL Brener]

39. [gi|71409962](#) Mass: 12839 Score: 61 Queries matched: 3
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
1198	503.29	1004.56	1004.50	0.06	0	6	1.5e+02	2	K.DNGNGLLFR.I
☒ 1622	586.80	1171.58	1171.53	0.05	0	41	0.043	1	K.QWAFYNDTK.E

☒ [1997](#) 833.44 1664.87 1664.80 0.06 0 48 0.0078 1 K.YENGQPTFEGPTVVK.C

Proteins matching the same set of peptides:

[gi|71411006](#) Mass: 12798 Score: 61 Queries matched: 3
calpain-like cysteine peptidase [Trypanosoma cruzi strain CL Brener]

40. [gi|71660675](#) Mass: 53532 Score: 60 Queries matched: 1
6-phospho-1-fructokinase [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
☒ 1991	551.36	1651.05	1650.82	0.22	0	60	0.00045	1	R.SHAAPLNEVTQEDLK.V

41. [gi|9954108](#) Mass: 34491 Score: 58 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
☒ 1849	710.43	1418.85	1418.70	0.14	0	52	0.0035	1	R.AVVEFVTPEDASR.A
☒ 2061	596.28	1785.82	1785.89	-0.07	0	34	0.19	1	R.VQVSGVSDETTWHTLK.D

Proteins matching the same set of peptides:

[gi|71410145](#) Mass: 34635 Score: 58 Queries matched: 2
RNA-binding protein RGGm [Trypanosoma cruzi strain CL Brener]
[gi|71652462](#) Mass: 33389 Score: 58 Queries matched: 2
RNA-binding protein RGGm [Trypanosoma cruzi strain CL Brener]

42. [gi|71656483](#) Mass: 10547 Score: 55 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
☒ 1780	647.32	1292.62	1292.60	0.02	0	55	0.0016	1	R.LEENYNAGVER.E

43. [gi|71416147](#) Mass: 14345 Score: 54 Queries matched: 3
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
☒ 952	465.32	928.62	928.55	0.07	0	(24)	2.3	1	K.AGLIFPVGR.V
☒ 953	465.38	928.76	928.55	0.21	0	35	0.16	1	K.AGLIFPVGR.V
☒ 1523	563.87	1125.72	1125.57	0.16	0	54	0.0017	1	R.HDDDLGTLK.D

Proteins matching the same set of peptides:

[gi|71416149](#) Mass: 14327 Score: 54 Queries matched: 3
histone H2A [Trypanosoma cruzi strain CL Brener]

44. [gi|73536838](#) Mass: 13814 Score: 54 Queries matched: 3
histone H2A [Leishmania major strain Friedlin]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
952	465.32	928.62	928.55	0.07	0	(24)	2.3	1	K.AGLIFPVGR.V
953	465.38	928.76	928.55	0.21	0	35	0.16	1	K.AGLIFPVGR.V
1523	563.87	1125.72	1125.57	0.16	0	54	0.0017	1	R.HDDDIGTLK.S

Proteins matching the same set of peptides:

[gi|73536842](#) Mass: 13841 Score: 54 Queries matched: 3
histone H2A [Leishmania major strain Friedlin]

45. [gi|71407337](#) Mass: 16350 Score: 53 Queries matched: 2
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
☒ 1602	583.38	1164.76	1164.64	0.12	1	42	0.026	1	R.KITLSDFVDK.A
☒ 1901	750.43	1498.85	1498.73	0.12	0	47	0.011	1	K.QFTSTDADLLFNK.V

Proteins matching the same set of peptides:

[gi|71651158](#) Mass: 16325 Score: 53 Queries matched: 2
hypothetical protein [Trypanosoma cruzi strain CL Brener]

46. [gi|123615](#) Mass: 71102 Score: 51 Queries matched: 1
RecName: Full=Heat shock 70 kDa protein, mitochondrial; Flags: Precursor

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 1355	532.84	1063.67	1063.53	0.14	0	51	0.005	1	R.VLENTEGFR.A

Proteins matching the same set of peptides:

[gi|25553516](#) Mass: 71625 Score: 51 Queries matched: 1
mitochondrial HSP70 [Trypanosoma congolense]
[gi|71396677](#) Mass: 20401 Score: 51 Queries matched: 1
heat shock 70 kDa protein, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]
[gi|71407515](#) Mass: 70946 Score: 51 Queries matched: 1
heat shock 70 kDa protein, mitochondrial precursor [Trypanosoma cruzi strain CL Brener]
[gi|71654158](#) Mass: 7863 Score: 51 Queries matched: 1
70 kDa heat shock protein [Trypanosoma cruzi strain CL Brener]
[gi|72390395](#) Mass: 71430 Score: 51 Queries matched: 1
heat shock 70 kDa protein, mitochondrial precursor [Trypanosoma brucei TREU927]

47. [gi|71420500](#) Mass: 19088 Score: 50 Queries matched: 2
cytochrome C oxidase subunit VI [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
☒ 1794	437.29	1308.86	1308.72	0.14	0	48	0.009	1	K.APIILHDVFNKG.K
☒ 1949	523.03	1566.06	1565.86	0.20	1	23	2.7	1	R.EKAPIILHDVFNKG.K

48. [gi|167375825](#) Mass: 24465 Score: 49 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
☒ 1790	651.91	1301.80	1301.68	0.12	0	49	0.0058	1	K.DVTIDISIAEAR.I

49. [gi|71651239](#) Mass: 48013 Score: 48 Queries matched: 2
thiolase protein-like 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
☒ 1727	620.37	1238.72	1238.57	0.15	0	48	0.0067	1	K.DEYIQSDIEK.M
☒ 1746	418.65	1252.92	1252.64	0.28	0	2	3.1e+02	1	R.ADQEALAIASHK.N

50. [gi|123401786](#) 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
1589	580.36	1158.70	1158.61	0.08	0	46	0.013	2	K.TIEDLEAQIK.A

51. [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
2035	858.56	1715.10	1714.91	0.19	0	45	0.014	2	K.AVFLDLEPTVIDEVR.T
2288	765.49	2293.46	2293.20	0.26	1	15	16	2	K.AVFLDLEPTVIDEVRTGTyr.Q

Proteins matching the same set of peptides:

gi 1729839	Score: 45	Queries matched: 2
gi 1755084	Score: 45	Queries matched: 2

52. [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
2035	858.56	1715.10	1714.88	0.22	0	45	0.014	2	R.AVMLDLEPTVIDEVR.T + Oxidation (M)
2288	765.49	2293.46	2293.16	0.30	1	15	16	2	R.AVMLDLEPTVIDEVRTGTYSR.Q + Oxidation (M)

Proteins matching the same set of peptides:

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

-
53. [gi|116222245](#) Score: 45 Queries matched: 2
alpha tubulin [Thaumatococcus 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
2035	858.56	1715.10	1714.91	0.19	0	45	0.014	2	R.AVFIDLEPTVIDEVR.T
2288	765.49	2293.46	2293.20	0.26	1	15	16	2	R.AVFIDLEPTVIDEVRTGTYSR.Q

Proteins matching the same set of peptides:

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

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

-
54. [gi|71413646](#) Mass: 19139 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
☒ 1989	550.00	1646.97	1646.75	0.22	0	45	0.016	1	R.RPEEAPEVNGYCAR.L + Carbamidomethyl (C)

Proteins matching the same set of peptides:

[gi|148746664](#) Mass: 19138 Score: 45 Queries matched: 1

putative surface antigen YASP-A5 [Trypanosoma cruzi]

[gi|148746666](#) Mass: 19021 Score: 45 Queries matched: 1

putative surface antigen YASP-A7 [Trypanosoma cruzi]

[gi|148746676](#) Mass: 18880 Score: 45 Queries matched: 1

putative surface antigen YASP-A6 [Trypanosoma cruzi]
[gi|148746682](#) Mass: 18983 Score: 45 Queries matched: 1
putative surface antigen YASP-A8 [Trypanosoma cruzi]
[gi|148746684](#) Mass: 19053 Score: 45 Queries matched: 1
putative surface antigen YASP-A9 [Trypanosoma cruzi]

55. [gi|154420635](#) Score: 45 Queries matched: 1
DEAD/DEAH box helicase family 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
2077	909.05	1816.09	1815.92	0.17	2	45	0.016	2	K.RMKAMLDIEEEVPQK.M

56. [gi|158577406](#) Mass: 36564 Score: 43 Queries matched: 3
glycosomal glyceraldehyde-3-phosphate dehydrogenase [Crithidia oncopelti]
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1835	692.90	1383.78	1383.77	0.01	0	42	0.03	1	R.AAAVNIIPSTTGAAK.A
1837	692.94	1383.87	1383.77	0.10	0	(40)	0.046	1	R.AAAVNIIPSTTGAAK.A
2262	747.89	2240.65	2240.06	0.59	0	18	12	2	K.GILGFTDEELVSSDFINDNR.S

57. [gi|71413449](#) Mass: 31077 Score: 43 Queries matched: 1
RNA-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
☒ 1791	653.90	1305.79	1305.63	0.16	0	43	0.029	1	R.ETFQQVGNVER.A

Proteins matching the same set of peptides:

[gi|71417144](#) Mass: 31047 Score: 43 Queries matched: 1
RNA-binding protein [Trypanosoma cruzi strain CL Brener]

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
✓ 1787	433.33	1296.96	1296.79	0.17	2	41	0.043	1	RKELELAVALR
✓ 474	718.11	2151.30	2151.13	0.16	0	40	0.21	1	GFERPSPVQEEAIPVALQGK
✓ 1342	530.84	1059.67	1059.60	0.07	1	38	0.081	1	DVIDIVKMK
✓ 1958	529.01	1584.01	1583.78	0.23	0	38	0.075	1	NAPTAANPPHGAVPDR
✓ 2318	790.12	2367.33	2367.20	0.12	1	37	0.087	1	KIQPSIPEDTTTGVGGLGNVDNR
✓ 1660	597.86	1193.71	1193.59	0.13	0	37	0.11	1	VLAYNGCLER + Carbamidomethyl (C)
✓ 2032	572.04	1713.09	1712.92	0.17	1	36	0.12	1	ILLFPEGNQEEIRR
✓ 1812	673.88	1345.76	1345.64	0.12	1	35	0.21	1	EKLDAAGVETDAQ
✓ 2058	592.03	1773.08	1772.90	0.18	0	35	0.16	1	VTFQFQVVGGNHDIR
✓ 1945	521.33	1560.98	1560.75	0.23	0	35	0.15	1	LPPGTQESDEPHVR
✓ 1158	496.85	991.68	991.56	0.12	1	34	0.27	1	YSGVAALRR
✓ 2119	949.55	1897.09	1897.00	0.09	0	33	0.2	1	STLPELSLPDTSGGIPVSK
✓ 230	586.25	1170.48	1170.49	-0.00	0	32	0.76	1	DFDTVCTEGK + Carbamidomethyl (C)
✓ 1972	540.35	1618.03	1617.92	0.11	0	32	0.3	1	LHEGKPEVIITGLGR
✓ 1316	526.32	1050.62	1050.57	0.05	0	31	0.4	1	VVAFLYDPK
✓ 1264	1032.05	1031.04	1031.49	-0.45	0	30	1.2	1	GDSDLQLER
✓ 252	599.33	1196.65	1196.53	0.12	0	28	1.8	1	TGDGELSDFTR
✓ 1586	578.92	1155.83	1155.67	0.15	2	28	0.74	1	KLEIDRINR
✓ 1995	831.99	1661.96	1661.94	0.02	0	28	0.82	1	VTIDTLIFANLMAK
✓ 716	834.18	833.17	833.39	-0.21	0	28	0.91	1	QDAQSASK
✓ 1631	589.82	1177.63	1177.61	0.02	0	28	0.83	1	DVINLFGWSK
✓ 2057	887.02	1772.04	1772.02	0.01	1	26	1.1	1	LNLMLASTIKGLLQNK + Oxidation (M)
✓ 2117	947.01	1892.01	1891.93	0.07	2	26	1.3	1	DFERRLLQSCDNALGR
✓ 88	490.33	1467.96	1467.75	0.21	0	26	2.8	1	TPVSAFLHEPSQR
✓ 1884	738.43	1474.85	1474.72	0.13	0	26	1.4	1	FIDCYLQFLEK + Carbamidomethyl (C)
✓ 315	632.00	1261.98	1261.64	0.33	2	25	6.3	1	ARQVDAKAMEK + Oxidation (M)
✓ 1257	515.40	1028.78	1028.59	0.19	0	25	1.7	1	VQVAGTEVVK
✓ 2254	1106.13	2210.24	2210.10	0.14	0	25	1.4	1	YICDAGVLVEIQINDAYVR + Carbamidomethyl (C)
✓ 2114	941.98	1881.94	1882.03	-0.09	2	25	1.5	1	TNKRTSLALPPSVGAADGK
✓ 1322	527.39	1052.76	1052.54	0.22	0	24	1.5	1	LVIMSATMR + 2 Oxidation (M)
✓ 1447	549.87	1097.72	1097.64	0.08	2	24	1.7	1	AAALRRDAVR
✓ 273	610.45	1218.88	1218.59	0.29	0	24	6.1	1	LICGDVVSEER
✓ 234	588.53	587.52	587.34	0.18	0	24	8.8	1	AITGAR

✓	264	603.12	602.11	602.34	-0.23	0	24	9.5	1	NASLAK
✓	1096	487.30	972.59	972.60	-0.01	1	24	2.5	1	LELTLTRK
✓	2091	613.36	1837.05	1837.04	0.01	2	24	2	1	ISRGVNGPVVTARVWAR
✓	2331	806.05	2415.12	2415.03	0.09	0	24	1.8	1	AEEPCQHEIEQNPDSSEGVGK + Carbamidomethyl (C)
✓	169	548.35	1642.03	1642.05	-0.02	2	23	6.5	1	ITILPSFITILRKK
✓	1341	530.84	1059.66	1059.49	0.16	1	23	3	1	DGETPRETR
✓	2362	850.50	2548.47	2548.34	0.13	0	22	2.6	1	VSFGGVAPAAGGATAAPAAAAAAPAAAAAAK
✓	637	799.90	798.89	798.47	0.42	1	22	4.6	1	ARLTNPK
✓	2306	784.50	2350.47	2350.19	0.28	1	22	3.3	1	ANELAEDNRLDILPGGSPNSLR
✓	900	456.36	910.71	910.41	0.29	0	22	3	1	MDLFEEK
✓	2033	572.22	1713.63	1713.99	-0.36	1	22	3.1	1	LIIFLMFELYLRK + Oxidation (M)
✓	1691	608.31	1214.60	1214.70	-0.10	0	22	3.8	1	AVPISFEILAR
✓	361	650.36	649.35	649.31	0.04	0	22	10	1	CASLEK
✓	35	430.72	859.42	859.51	-0.09	0	21	11	1	SISATLIR
✓	1934	772.46	1542.90	1542.81	0.09	1	21	3.4	1	SVGLDRLGALSNGER
✓	2244	725.06	2172.16	2171.96	0.20	0	21	3.3	1	ATANSGETSQPQQPSQEGETPAS
✓	1959	793.90	1585.79	1585.88	-0.10	1	21	4.2	1	ESGVPAAIKFITTPR
✓	1781	431.98	1292.91	1292.67	0.24	0	21	4.6	1	DPYAYLVPIDK
✓	2208	700.41	2098.20	2098.00	0.20	0	21	4.1	1	GLEHYGLDPTDAEVANEIR
✓	1830	690.42	1378.82	1378.65	0.18	0	20	5	1	EAQLAAYSAENGR
✓	1240	511.85	1021.69	1021.35	0.34	0	20	4.7	1	MAMMMTCR + 3 Oxidation (M)
✓	735	421.83	841.64	841.47	0.17	0	20	4.1	1	SLAADIPR
✓	71	473.00	1415.97	1415.75	0.22	2	20	18	1	GVDSHKDKVYIR
✓	1948	522.81	1565.42	1565.67	-0.25	2	19	8	1	ARREEEMASGCDR + Carbamidomethyl (C)
✓	2090	613.02	1836.04	1835.93	0.11	0	19	5.8	1	ICENFSQIIEGLTLK
✓	1357	532.86	1063.71	1063.51	0.20	0	19	7.6	1	VVAMGDGPFR + Oxidation (M)
✓	1059	480.01	958.01	957.54	0.47	1	19	13	1	WEAKGIVR
✓	2001	835.56	1669.11	1669.01	0.10	2	19	6.2	1	CVREALKALVVTLVR
✓	115	511.99	1021.97	1022.50	-0.53	0	19	17	1	AFVDETVSR
✓	140	529.81	1586.41	1586.63	-0.21	1	19	21	1	MKCEGCCVGWWR + 2 Carbamidomethyl (C); Oxidation (M)
✓	473	717.90	716.90	716.37	0.53	0	19	17	1	AVVEDGK
✓	612	788.72	787.71	787.46	0.26	0	19	8.8	1	IVTVNSR
✓	1278	519.23	1036.44	1036.57	-0.13	0	19	6.2	1	ANIFGFLQK
✓	1526	564.38	1126.74	1126.60	0.14	1	19	6.2	1	SIDRVPSEPK

✓	152	534.09	1599.24	1599.79	-0.56	1	18	23	1	STSMPEDHIIKQAK + Oxidation (M)
✓	1833	691.36	1380.71	1380.70	0.02	0	18	6.5	1	GIQLYVDMLGEK + Oxidation (M)
✓	42	441.80	1322.38	1322.56	-0.18	0	18	15	1	CTTCASNYLK + Carbamidomethyl (C)
✓	1776	643.91	1285.80	1285.67	0.13	1	18	7.7	1	RLGPSWATWGR
✓	1001	470.36	938.71	938.58	0.13	0	18	7.8	1	LVIPGELAK
✓	1829	689.43	1376.84	1376.72	0.12	1	18	8.3	1	EEIDALMTKISK
✓	1874	731.93	1461.84	1461.71	0.13	1	18	8.9	1	ADPVDAKDIAYER
✓	181	556.78	1111.54	1111.50	0.04	0	18	27	1	DYDLTLGCR + Carbamidomethyl (C)
✓	1301	523.35	1044.68	1044.57	0.11	2	17	10	1	NKAAATRADK
✓	560	764.18	763.18	763.42	-0.25	0	17	9.1	1	NNYIHK
✓	2427	957.95	2870.82	2870.44	0.38	0	17	12	1	ELPFGSTLSLYDVAGAPGVAADLSHIDR
✓	1410	543.35	1084.68	1084.57	0.11	1	17	9.5	1	CKVVIDSHK + Carbamidomethyl (C)
✓	1802	444.34	1330.00	1329.77	0.24	2	17	12	1	MSTIKIPVGEKK
✓	323	635.91	1269.81	1269.72	0.09	0	17	37	1	SVASRPISVAR
✓	1978	813.00	1623.99	1623.90	0.09	2	17	10	1	FGVERLVDTGYIKK
✓	2359	845.49	2533.46	2533.28	0.18	1	17	8.6	1	VESGELIPGMMVVFAPAGEKTEVK + Oxidation (M)
✓	179	555.03	1662.08	1661.70	0.38	0	17	31	1	CVCNPLYGGTYCQK + 2 Carbamidomethyl (C)
✓	237	591.30	1770.88	1770.79	0.08	1	16	29	1	DEMDALAAIGMTKMSR + 2 Oxidation (M)
✓	1136	494.58	987.15	987.56	-0.41	0	16	19	1	VISLVNESK
✓	1303	523.36	1044.70	1044.52	0.18	0	16	12	1	AELAAQSER
✓	36	431.96	1292.85	1292.60	0.24	0	16	39	1	AAMTSSAAAEDLR
✓	1810	672.98	1343.95	1343.64	0.31	1	16	13	1	AAEAERAAEAER
✓	337	643.39	642.38	642.27	0.11	0	16	12	1	EMYGK + Oxidation (M)
✓	1832	690.90	1379.79	1379.70	0.09	1	16	11	1	VDIDAYQTKTAR
✓	1411	543.35	1084.68	1084.48	0.20	0	16	12	1	MDHLCVDPR
✓	1440	548.83	1095.65	1095.57	0.08	0	16	10	1	GNVGPPGTELK
✓	164	545.88	544.87	544.30	0.57	0	16	16	1	GVVDR
✓	93	499.31	996.60	996.56	0.04	2	16	25	1	RQQRQGP
✓	1650	594.89	1187.76	1187.60	0.15	2	16	14	1	KALDDWERR
✓	967	932.20	931.20	931.41	-0.21	0	16	53	1	GCLDYSFK
✓	1668	1200.04	1199.03	1198.70	0.33	1	15	45	1	GIDVAALLGSKR
✓	1775	429.50	1285.47	1285.67	-0.20	1	15	14	1	QAQSGGKNVEIR
✓	1786	648.89	1295.77	1295.72	0.05	1	15	13	1	QEIFYKLISR
✓	750	848.89	847.88	848.39	-0.51	0	15	64	1	SWWGASR

✓	1860	724.91	1447.82	1447.74	0.07	0	15	15	1	ISDIICLQMDLK + Carbamidomethyl (C)
✓	920	459.37	916.73	916.52	0.21	0	15	17	1	STDLLLQK
✓	94	499.71	1496.12	1495.66	0.46	1	15	33	1	WMKQCAWEVDK + Carbamidomethyl (C); Oxidation (M)
✓	737	421.94	841.86	841.49	0.37	1	15	19	1	RNANVLR
✓	1754	631.91	1261.80	1261.64	0.16	1	15	15	1	EVPSRSTLAMR + Oxidation (M)
✓	567	767.38	766.37	766.47	-0.10	0	15	40	1	NIAPKPK
✓	2211	701.59	2101.76	2101.22	0.54	0	15	15	1	LIGSVIYFIGFLIYSGVIK
✓	2086	611.63	1831.87	1831.85	0.02	0	15	16	1	EDERPTFPTPAMASGAR
✓	1271	1034.32	2066.63	2066.04	0.59	2	15	56	1	SSSDITPPRGASKTVSSSR
✓	50	445.27	1332.79	1332.65	0.13	0	15	44	1	TTEQPQTATTAGK
✓	860	895.65	894.64	894.51	0.12	2	15	60	1	RKADLHR
✓	1345	531.06	1060.11	1059.60	0.51	2	15	33	1	KQVVSRTDK
✓	2264	749.73	2246.18	2246.19	-0.01	1	15	16	1	ENVILNQSIKASNMSLTQIK + Oxidation (M)
✓	311	630.04	1887.09	1886.90	0.19	0	15	74	1	IYDDDGNLKPGETTPPR
✓	81	481.83	961.65	961.56	0.08	2	15	37	1	MIKDKISK
✓	2088	612.40	1834.18	1833.95	0.22	1	14	18	1	AINDQIGSMKSESTLLK
✓	39	435.25	1302.74	1302.66	0.08	0	14	32	1	GDVDFASGLVPAR
✓	399	674.10	1346.18	1346.71	-0.53	2	14	81	1	FVERGPGSGASKR
✓	418	684.10	1366.18	1366.68	-0.51	0	14	68	1	THDIDAVVVGADR
✓	57	456.19	1365.56	1365.78	-0.22	1	14	36	1	STLGGTVHALVRR
✓	1869	727.88	1453.75	1453.60	0.15	0	14	19	1	CMPGYTEGDVGPR + Carbamidomethyl (C); Oxidation (M)
✓	1498	559.86	1117.70	1117.60	0.10	0	14	20	1	HPGGASPLVQR
✓	44	443.08	1326.22	1325.73	0.49	1	14	51	1	ILSILFMKCK
✓	1233	1019.41	3055.20	3054.77	0.43	0	14	62	1	WAVVLIIVSSIICLAVVGLVLACIVFER + Carbamidomethyl (C)
✓	1926	763.97	1525.92	1525.76	0.16	1	14	18	1	VQRNAVTPNDEQR
✓	810	874.09	2619.24	2619.49	-0.26	2	14	80	1	TRDLLLANAIVRVILQMVFYK + Oxidation (M)
✓	2125	639.03	1914.06	1913.95	0.11	2	14	18	1	LRNMHFNKDRPIDDK + Oxidation (M)
✓	442	699.41	698.40	698.40	0.00	0	14	13	1	ATVPSPK
✓	917	916.84	915.83	916.34	-0.51	0	14	66	1	DGGACYMGK + Oxidation (M)
✓	349	646.72	1937.14	1937.07	0.07	1	14	78	1	QRPLEELERLSGLLER
✓	2281	756.83	2267.47	2267.95	-0.48	0	14	25	1	VHACNNCAGLGNIMCTFCQGR + Carbamidomethyl (C)
✓	945	464.35	926.68	926.49	0.19	0	14	17	1	MPVLGDPK
✓	76	480.31	958.61	958.47	0.14	0	14	44	1	TVPPVMCR + Carbamidomethyl (C)
✓	1967	537.87	1610.57	1610.79	-0.21	1	14	23	1	HNTPGGGLRSGNSTTR

✓	74	476.36	1426.04	1425.75	0.29	0	13	53	1	ISTVISSVSFMQK
✓	1745	627.44	1252.87	1252.72	0.16	1	13	25	1	AARPGLFHRTK
✓	2222	708.40	2122.18	2122.01	0.16	0	13	21	1	QPWFPAGSTGNEDHIPLEK
✓	1647	396.70	1187.08	1186.77	0.32	1	13	48	1	IISIYPKILK
✓	1883	738.04	1474.06	1473.87	0.19	2	13	26	1	QVLQQSFQIKKK
✓	1841	703.90	1405.79	1405.68	0.11	2	13	28	1	CRCVEELKQNK + Carbamidomethyl (C)
✓	106	508.15	1521.42	1521.75	-0.33	0	13	60	1	MAGLTSDNISIASAR + Oxidation (M)
✓	2329	805.14	2412.41	2412.16	0.25	2	13	21	1	ADGDIAAAATGTAGSGRSCASPPRR
✓	2397	904.58	2710.73	2710.45	0.28	1	13	30	1	SSEALLPTVAVRAPSSVPDFIIDAAGK
✓	2405	921.46	2761.36	2761.26	0.10	2	13	19	1	MYEYTCGNPCFISFLEKMGTK + Carbamidomethyl (C); Oxidation (M)
✓	210	573.28	1144.55	1144.57	-0.02	0	13	75	1	QISANLLSEGN
✓	1066	962.03	2883.07	2883.59	-0.52	2	13	1.1e+02	1	ASGTERIGPIQTISTIELTDLLIMRR
✓	1692	608.31	1214.61	1214.72	-0.11	2	13	29	1	AKNQIAMLKAK
✓	2008	559.68	1676.02	1675.86	0.15	1	13	26	1	VMVLLKEAQDMIDR + Oxidation (M)
✓	721	836.65	835.64	835.49	0.15	0	13	1e+02	1	LLTQHPK
✓	1828	688.95	1375.89	1375.64	0.25	0	13	28	1	LVDMENATAQER
✓	822	877.63	2629.87	2629.32	0.54	1	13	97	1	MQGIDVRIAETLMPGLAEVAWDSK
✓	184	557.92	1113.83	1113.60	0.23	0	13	77	1	CRPLILDER
✓	194	564.95	1127.89	1127.59	0.29	0	13	72	1	VDTGAPNIVSR
✓	2066	897.52	1793.03	1792.91	0.12	1	13	25	1	DFSFFTTAQMITIKK + Oxidation (M)
✓	2055	589.66	1765.96	1766.01	-0.04	1	13	25	1	EVVLSIKHVPQNLYK
✓	2063	597.09	1788.26	1787.87	0.38	1	13	31	1	EKPKEDTVAMPGDSLRL + Oxidation (M)
✓	245	597.07	1788.17	1788.01	0.16	2	13	89	1	LEINKLNKDLAYLNK
✓	616	791.09	1580.16	1579.76	0.40	1	12	96	1	IMQQGQRQSDPHR
✓	2287	761.80	2282.38	2282.26	0.12	1	12	24	1	SLLKAISITECYDFVLNLLK
✓	1941	518.35	1552.03	1551.88	0.15	0	12	26	1	LDLVHSVLAPVFSR
✓	277	612.47	1834.39	1834.98	-0.59	0	12	88	1	HNLFPVPLMDPVIDAVR
✓	1262	516.33	1030.64	1030.61	0.04	0	12	35	1	VIDLLAPYK
✓	1782	647.49	1292.96	1292.71	0.25	0	12	32	1	IIVVQPNPDGNK
✓	1052	478.93	955.85	956.41	-0.57	1	12	30	1	KCTICDMK + Oxidation (M)
✓	845	888.79	2663.34	2663.18	0.16	0	12	99	1	NVSPVVTMDDEHDDIMLPAHGEDI
✓	2243	725.04	2172.11	2172.01	0.10	2	12	26	1	RSGHGEGALSAAREECSVGSRL + Carbamidomethyl (C)
✓	68	471.01	1410.01	1409.79	0.22	0	12	74	1	EKPVDELLLAQR
✓	718	417.93	833.84	833.42	0.42	1	12	50	1	IGKGNCSR

✓	1936	516.65	1546.93	1546.79	0.14	1	12	33	1	ENITLNMWGAVKR + Oxidation (M)
✓	563	765.97	764.96	765.44	-0.48	0	12	46	1	FYVIPK
✓	2000	835.53	1669.05	1669.01	0.04	2	12	30	1	CVREALKALVVTLVR
✓	2018	846.14	1690.28	1689.88	0.39	1	12	47	1	YTIISHIPFNSDRK
✓	1081	967.94	966.93	967.45	-0.52	0	12	1.1e+02	1	TGLCAFGSR + Carbamidomethyl (C)
✓	249	598.97	1195.92	1195.57	0.35	0	12	74	1	QDYVETLSNK
✓	2155	988.75	1975.49	1976.04	-0.55	2	12	49	1	CGIVLCSKCAATKTVIPR + 2 Carbamidomethyl (C)
✓	53	451.79	901.57	901.52	0.04	0	12	71	1	GTLTIELR
✓	1231	509.84	1017.66	1017.62	0.04	2	12	38	1	KEIKQLFI
✓	1917	759.14	1516.27	1515.80	0.46	1	12	64	1	CAKLFFEHGVPLR
✓	297	623.50	1245.00	1244.68	0.32	0	12	1.2e+02	1	MNIQIEQLLK + Oxidation (M)
✓	1866	485.04	1452.10	1451.66	0.44	2	12	43	1	MKTFQMDDKHR + Oxidation (M)
✓	432	694.71	2081.11	2080.78	0.32	1	12	1e+02	1	RWGDSDDDGDAVGSDDEDR
✓	981	935.11	934.10	934.50	-0.40	1	12	1.2e+02	1	RAVFDATR
✓	1771	640.41	1278.81	1278.66	0.15	0	12	35	1	IVLSTEMMIDK
✓	541	749.92	748.91	749.44	-0.53	1	12	77	1	TKFGGLK
✓	1198	503.29	1004.56	1004.53	0.03	1	12	37	1	LDVDKIMR + Oxidation (M)
✓	620	793.02	792.02	792.41	-0.40	0	12	59	1	GYVEGLR
✓	1856	719.88	1437.75	1437.88	-0.13	2	12	32	1	EIIIANRKINVR
✓	705	829.74	828.73	828.48	0.25	1	12	44	1	GDVALARK
✓	2092	614.69	1841.05	1840.96	0.08	0	11	34	1	LHDGSLSLSAIAGTTAATR
✓	428	691.35	2071.03	2071.06	-0.04	2	11	1.1e+02	1	ALWATVPEAAEQLMRRR + Oxidation (M)
✓	1922	762.31	1522.61	1522.75	-0.14	1	11	36	1	CESEITIKQMIR + Carbamidomethyl (C); Oxidation (M)
✓	1847	709.35	1416.68	1416.71	-0.03	0	11	42	1	ESIVEATADLNQK
✓	2139	968.14	1934.26	1934.05	0.21	0	11	36	1	DPTLVAPSWVPVLENLGK
✓	127	522.01	1563.01	1562.81	0.21	0	11	1.1e+02	1	QAITNNTLAQSQFK
✓	2156	661.78	1982.32	1982.04	0.28	2	11	45	1	QIDHCTDKQIVTQLRK + Carbamidomethyl (C)
✓	182	557.41	1669.21	1668.76	0.45	1	11	99	1	SNSDGTVKEGQTATMK + Oxidation (M)
✓	269	608.88	1823.61	1823.84	-0.23	1	11	1.3e+02	1	FNGGFGQDEKAAAAAADGK
✓	1713	616.32	1230.63	1230.68	-0.05	0	11	43	1	FTELWIPAVR
✓	1479	1113.05	1112.04	1111.58	0.46	0	11	68	1	MSLLVHGSPR + Oxidation (M)
✓	811	874.15	2619.43	2619.34	0.09	2	11	1.5e+02	1	MKDPASWTTQYTLVVDKIPPK + Oxidation (M)
✓	216	576.40	1150.80	1150.45	0.35	0	11	1.2e+02	1	YTEESYCEK
✓	464	714.41	2140.22	2140.11	0.11	2	11	1.1e+02	1	SVKQHLEFNPTETAGSAAARR

✓	1704	1225.59	3673.74	3673.78	-0.04	1	11	92	1	NAIISHNIDFVTFLVNEYDLEIDLEMGRFK + Oxidation (M)
✓	578	773.95	772.95	773.46	-0.52	1	11	1.1e+02	1	EAVLKSK
✓	1767	1278.43	3832.27	3831.89	0.37	2	11	1.3e+02	1	EEAILLLREHRNDPEMEALANEEIGALDEVIER + Oxidation (M)
✓	2349	832.15	2493.42	2493.13	0.29	1	11	38	1	LYTVFQYFREDYMMSETVR + Oxidation (M)
✓	1703	1221.97	2441.93	2442.11	-0.18	1	11	1.2e+02	1	CGEFVRCANLAGYPECIGEIK + 3 Carbamidomethyl (C)
✓	2296	771.46	2311.35	2311.04	0.31	2	11	41	1	TCILTFKSCWSCMKNRFR + 3 Carbamidomethyl (C); Oxidation (M)
✓	1533	1131.77	2261.53	2262.06	-0.53	2	11	1.4e+02	1	GWGMIVVMPPEESADRGCKK + Carbamidomethyl (C); Oxidation (M)
✓	2187	685.38	2053.10	2053.17	-0.07	1	11	43	1	LRPFLQSGRLVHFLSQR
✓	2239	722.41	2164.20	2163.96	0.24	1	10	38	1	VNASGIDSATASEDDRESGQR
✓	208	571.80	1712.39	1712.84	-0.44	0	10	1.5e+02	1	QLWDVLEVPSEDQR
✓	2054	883.94	1765.87	1765.88	-0.01	2	10	42	1	ARMSLEAKMSTEGVTR
✓	2454	999.11	2994.30	2994.57	-0.27	1	10	37	1	NMSHVSTGGGASLELLEGKTLPGVAILTDK
✓	2015	562.07	1683.19	1682.93	0.26	1	10	48	1	EVRPLTRLVEESQK
✓	1085	968.53	1935.05	1934.86	0.19	0	10	1.2e+02	1	MMSNFAQHDPDLTLNER + 2 Oxidation (M)
✓	1005	940.70	939.69	939.55	0.14	1	10	36	1	QERLLPGK
✓	833	881.91	1761.81	1761.88	-0.07	1	10	1.8e+02	1	ELMARVVMNELQGK + Oxidation (M)
✓	2434	968.86	2903.54	2903.47	0.07	2	10	34	1	AFASAANACHEAHQPQRSRASVVVQLR
✓	2406	924.73	2771.17	2771.34	-0.18	2	10	39	1	ASGSRPAMASGSNEAKMAALLSSSRYSR + Oxidation (M)
✓	262	601.59	1201.16	1200.63	0.52	1	10	1.9e+02	1	VIDTAKSDPQK
✓	1857	481.65	1441.94	1441.79	0.14	2	10	46	1	RETSKFSFLLSK
✓	2278	755.45	2263.32	2263.04	0.28	2	10	46	1	MYAYSFSMWRTTTTTTKR + 2 Oxidation (M)
✓	988	468.93	935.85	935.45	0.40	0	10	59	1	MASSAVQSR
✓	1778	646.17	1290.33	1290.70	-0.37	1	10	57	1	MKMLGAEVVAVK + Oxidation (M)
✓	684	412.82	823.64	823.54	0.10	1	10	35	1	GLRLIRP
✓	2040	575.14	1722.39	1721.94	0.45	2	10	80	1	EGRPANTRPPIRGKDR
✓	1358	1064.89	2127.77	2128.10	-0.33	1	10	1.7e+02	1	LDYERLMSLITSYQQLR
✓	2116	630.08	1887.20	1887.80	-0.59	1	10	58	1	EYTGAKANSQDDEMCVK
✓	303	625.89	624.89	625.32	-0.43	0	10	1.3e+02	1	DHAVGK
✓	23	407.77	1220.28	1220.48	-0.20	0	10	1.1e+02	1	AMGMVYACMR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1919	506.73	1517.16	1516.83	0.32	1	10	70	1	ISDLQTKITEIEK
✓	1665	599.79	1197.57	1197.51	0.06	0	10	47	1	DCGTGADLSFR + Carbamidomethyl (C)
✓	24	418.31	1251.92	1251.69	0.23	1	10	1e+02	1	VRDLPADPITR
✓	767	856.34	1710.66	1710.91	-0.25	2	10	1.3e+02	1	LWRNEALRVFHDR
✓	1045	955.20	1908.38	1908.87	-0.49	1	10	1.6e+02	1	NEALMQQYSKFESYR + Oxidation (M)

✓	2079	607.35	1819.04	1818.76	0.28	0	10	51	1	HMNLWETDASNNR + Oxidation (M)
✓	64	464.66	1390.96	1390.64	0.31	1	10	1.1e+02	1	GGSERAMDYLHR
✓	1103	976.21	1950.41	1950.94	-0.54	2	10	1.9e+02	1	VKGSQGTNRSGQAVGNFCR + Carbamidomethyl (C)
✓	190	561.28	1680.82	1680.83	-0.01	1	10	1.5e+02	1	CCIRSLALEEELFR
✓	1935	515.68	1544.01	1543.88	0.13	2	10	62	1	ITNLQMLLMRRR
✓	2132	642.38	1924.12	1923.93	0.19	1	10	49	1	DYLNKSTALHNAAYENSK
✓	784	863.35	862.34	862.47	-0.13	1	10	61	1	IVCTKSR + Carbamidomethyl (C)
✓	162	544.10	1086.19	1085.62	0.57	0	10	2.1e+02	1	VITALAANGTR
✓	2126	640.04	1917.10	1916.97	0.14	1	10	48	1	DNIDLSLSSHKIYGP
✓	1135	988.09	2961.24	2961.42	-0.19	0	10	2.1e+02	1	MDIVIYLVIVCGMVFTGCGCYK + 2 Carbamidomethyl (C); 2 Oxidation (M)
✓	25	420.66	1258.97	1258.69	0.28	2	10	1.1e+02	1	RWGVREVTTR
✓	203	569.48	1136.94	1137.51	-0.57	0	10	1.8e+02	1	SNSDGTSEIK
✓	391	669.30	668.29	668.42	-0.13	0	10	31	1	ALPAAVK
✓	1875	733.41	1464.80	1464.71	0.08	0	9	74	1	LASNINTSEEMIK + Oxidation (M)
✓	1317	1051.86	1050.85	1050.60	0.26	1	9	1.6e+02	1	FRLLFNK
✓	407	679.39	2035.16	2034.92	0.24	1	9	1.9e+02	1	MVDGASATRHDSVGTCLGR + Oxidation (M)
✓	472	717.90	716.89	717.38	-0.48	1	9	1.5e+02	1	ARGETGK
✓	373	655.62	1963.84	1963.92	-0.07	0	9	1.8e+02	1	AAEMLLESDQLSGASEAAR + Oxidation (M)
✓	1844	1412.95	2823.90	2824.37	-0.47	1	9	1.5e+02	1	RGGGNHLPFTQSVAVPAGVDVGEENMSR + Oxidation (M)
✓	950	929.38	2785.13	2785.27	-0.14	2	9	1.7e+02	1	SPTCSATAWQWTRCCCIHTKFLSR
✓	863	896.00	894.99	895.43	-0.44	0	9	2.2e+02	1	IDGSFTEK
✓	465	714.43	1426.84	1426.69	0.15	0	9	1.6e+02	1	ATVNDISICPHVSK + Carbamidomethyl (C)
✓	321	633.92	632.91	632.32	0.59	1	9	2.2e+02	1	DKGGTR
✓	893	453.87	905.72	905.40	0.31	0	9	62	1	AWNDWSK
✓	1905	502.34	1504.01	1503.81	0.20	2	9	57	1	DLLNEKKSLMASR
✓	1890	494.23	1479.66	1479.71	-0.04	0	9	64	1	MVVNDTVADMLTR + Oxidation (M)
✓	760	427.79	853.56	853.42	0.14	0	9	47	1	ISASSFDK
✓	295	623.32	1244.63	1244.70	-0.07	1	9	1.7e+02	1	VTSIEKAAEVAK
✓	1913	505.05	1512.11	1511.66	0.45	0	9	72	1	GALSLMGSCSQEEK + Carbamidomethyl (C); Oxidation (M)
✓	2017	563.80	1688.39	1687.80	0.59	1	9	1.1e+02	1	MHRAADAAVHTHER + Oxidation (M)
✓	2270	751.77	2252.28	2252.26	0.02	2	9	57	1	QRRVPEPLITELLTAMEK + Oxidation (M)
✓	2095	616.51	1846.51	1847.04	-0.53	2	9	1e+02	1	LDVVKYLVISVGADKEAK
✓	1131	494.35	986.69	986.48	0.21	1	9	70	1	TPRNNEEK
✓	1962	800.92	1599.83	1599.77	0.05	0	9	60	1	NEDLQAAAAQLDDVK

✓	300	625.19	1872.55	1872.85	-0.30	0	9	1.8e+02	1	CTICHQEPTKPVVCCR + Carbamidomethyl (C)
✓	1435	1095.71	1094.70	1094.60	0.10	0	9	2.1e+02	1	AQEIAPEPLK
✓	1799	1320.46	1319.45	1319.70	-0.25	0	9	1.9e+02	1	ISELLTEMIQK + Oxidation (M)
✓	1889	494.06	1479.16	1479.69	-0.53	0	9	1.1e+02	1	MQTDDILQMVMR
✓	2472	1055.33	3162.98	3162.42	0.56	2	9	67	1	SACAEPCHNHSAAAEPQHPRGSPARAEER
✓	846	888.92	2663.73	2663.38	0.36	1	9	3e+02	1	IQGLQAELETTEEAHEQEISKLR
✓	2142	648.78	1943.32	1942.94	0.38	1	9	81	1	ARQIAHEGVTTLES GDYP
✓	420	685.72	2054.13	2054.12	0.01	2	9	1.7e+02	1	VQKKHTVSDLVACVSALK
✓	1979	813.02	1624.04	1623.83	0.21	2	9	62	1	SHYSKETLKFEQK
✓	1969	538.72	1613.13	1612.86	0.27	1	9	89	1	LASDAAMAAPDKVVR
✓	166	546.52	1091.02	1091.53	-0.50	1	9	2.4e+02	1	VQEKMAENK + Oxidation (M)
✓	212	573.53	1145.04	1144.69	0.36	1	9	2.7e+02	1	FILKLASEPK
✓	317	632.08	1262.14	1262.65	-0.51	0	9	3.1e+02	1	GQVVNRPGHDGK
✓	1260	516.10	1030.19	1030.49	-0.29	0	9	96	1	MNQALDPAR + Oxidation (M)
✓	2189	1028.82	2055.63	2055.16	0.47	2	9	98	1	ISESPVKPLSAMTIVRRR + Oxidation (M)
✓	532	744.43	1486.85	1486.87	-0.02	0	9	2.2e+02	1	LTNRPAFLMAILK
✓	2298	776.13	2325.38	2325.29	0.09	1	9	60	1	TCVGVS LKTHILYLSIY LFR
✓	430	693.80	692.79	692.29	0.50	0	8	1.3e+02	1	CSAQR
✓	1318	526.88	1051.75	1051.48	0.27	1	8	69	1	NYMEDPKR
✓	855	893.30	892.30	892.48	-0.19	0	8	68	1	NIFVCAVK
✓	2335	810.48	2428.41	2428.33	0.08	2	8	62	1	VRPMVDTTLLVHRYLKENK + Oxidation (M)
✓	360	650.31	1947.91	1948.05	-0.14	1	8	2.1e+02	1	GVSLIKINDDGTISEFLK
✓	2375	873.13	2616.36	2616.14	0.22	0	8	55	1	LYGCSSIDSQETCYS LTGVGYEK + Carbamidomethyl (C)
✓	375	656.59	655.59	655.33	0.26	1	8	41	1	DKEHK
✓	580	774.11	773.10	773.41	-0.31	1	8	93	1	DGVARTR
✓	682	821.96	2462.86	2463.26	-0.41	2	8	3e+02	1	DYLYDIVVEKGENLPKADIGGR
✓	2081	608.03	1821.07	1820.84	0.23	2	8	74	1	MGEWREKHFDC LR + Oxidation (M)
✓	2158	664.86	1991.56	1991.80	-0.24	0	8	1e+02	1	NSCTACSAETCYNTPSVK + 2 Carbamidomethyl (C)
✓	2041	862.47	1722.92	1722.75	0.17	0	8	64	1	LFADVEDCGGGVADAR
✓	142	531.00	1589.96	1589.70	0.26	0	8	2.4e+02	1	MYSQGGSAASGAPGGHR
✓	1796	1312.83	3935.48	3935.07	0.41	2	8	2.1e+02	1	MCNVNTDSGIQMLLNKCTKLLNIVLTGTSVSQQVIR + Oxidation (M)
✓	1582	1154.33	1153.32	1153.58	-0.26	1	8	2.2e+02	1	CKLTDFGVSK + Carbamidomethyl (C)
✓	680	821.02	2460.05	2460.17	-0.12	2	8	2.6e+02	1	RLGRGDADACPDVAQAIDDFEK
✓	223	582.26	1743.77	1743.98	-0.21	2	8	1.5e+02	1	LRVRLDDTTSLTLNK

✓	1466	1105.91	1104.91	1104.62	0.29	1	8	2.1e+02	1	LTWGGRFLFR
✓	1715	617.02	1232.03	1231.69	0.34	2	8	1.2e+02	1	KRETSETIIR
✓	799	871.83	870.82	870.44	0.39	1	8	2.2e+02	1	EAMKQHK
✓	66	467.34	1399.00	1398.68	0.31	0	8	1.6e+02	1	FASSISVCVSSQK + Carbamidomethyl (C)
✓	1543	1137.42	3409.25	3408.82	0.42	1	8	2.2e+02	1	FLKYWFMSLLTSQINVTMGALIGYIIINK + 2 Oxidation (M)
✓	1608	1169.22	2336.42	2336.14	0.28	2	8	2.1e+02	1	REHLQEIHAMEELERCK + Carbamidomethyl (C); Oxidation (M)
✓	1344	530.97	1059.93	1060.53	-0.60	0	8	1.1e+02	1	SAGVAPFNNGK
✓	160	543.42	1627.25	1627.69	-0.44	1	8	2.2e+02	1	CIQGGRCMLSDNMK + Carbamidomethyl (C); Oxidation (M)
✓	422	686.10	685.09	685.43	-0.34	2	8	75	1	KGRGLR
✓	1577	576.94	1151.87	1151.51	0.36	0	8	80	1	EEEESEVGFR
✓	79	480.68	1439.01	1438.73	0.28	1	8	1.7e+02	1	EASTAAAAAREGLHR
✓	1481	1114.69	3341.05	3340.71	0.34	1	8	2.3e+02	1	NVVLSSASSLLVTNVKAHASSYCGPGFYSTGALK
✓	484	722.38	721.37	721.33	0.04	0	8	64	1	HDSHAR
✓	427	689.26	1376.51	1376.64	-0.13	0	8	2.6e+02	1	MAGAGGDGGLEASLR + Oxidation (M)
✓	2209	700.42	2098.23	2098.15	0.08	2	8	76	1	EPIGEKFMSSGFFVLIKIK + Oxidation (M)
✓	2368	860.74	2579.20	2579.32	-0.13	2	8	65	1	EFIVIRCMGDNFPASLLKDQVK + Carbamidomethyl (C)
✓	2343	823.86	2468.54	2468.99	-0.45	2	8	79	1	GCDSEGNEMEGEEEEKVDNKK + Carbamidomethyl (C)
✓	1687	607.34	1212.67	1212.53	0.14	1	8	77	1	EMGEKFTEDK
✓	1361	1065.17	3192.50	3192.82	-0.32	2	8	2.7e+02	1	LQDSLVRSVVSTIVSLIPVSRHLAESIFK
✓	643	804.23	2409.67	2410.19	-0.51	1	8	3.4e+02	1	SQHNWMFAEIGVNVGHEALKK + Oxidation (M)
✓	1961	800.03	1598.05	1598.56	-0.51	0	8	90	1	YNGCCCEELGYCSR
✓	2334	1212.03	2422.05	2422.05	0.00	1	8	65	1	DTDPIEYNKGNMCYSPYVEK + Carbamidomethyl (C)
✓	1816	1354.62	4060.85	4061.05	-0.20	2	8	1.8e+02	1	HGPALVLDGVRLLSTCFVMTRSTLVCGGCSCAAILVER + 2 Carbamidomethyl (C)
✓	1779	1292.02	2582.03	2582.49	-0.46	2	8	2.2e+02	1	LRMLLWAMVLLSIAPIIKNMK
✓	284	615.58	1843.72	1843.75	-0.03	0	8	3.3e+02	1	GHCEPAEEAEEAADMTR + Carbamidomethyl (C)
✓	389	667.54	1333.06	1332.70	0.37	1	8	3.1e+02	1	ELMNSKEIEIK
✓	922	919.50	918.49	918.48	0.01	0	8	93	1	LMISTNPK + Oxidation (M)
✓	63	464.06	1389.16	1389.75	-0.59	2	8	2.5e+02	1	ESEVRSLSIKK
✓	562	765.83	1529.65	1529.73	-0.08	2	8	3.1e+02	1	MRCFSTKSTAPTK + Carbamidomethyl (C); Oxidation (M)
✓	1822	1361.92	4082.74	4083.10	-0.37	0	8	2.5e+02	1	QSQTALAPTISLATAAAAEQTPVTATKPMSSQSSADVPAK + Oxidation (M)
✓	1709	1228.41	1227.40	1227.59	-0.19	0	8	2.8e+02	1	SVFAGSSMSTVR
✓	1404	542.34	1082.66	1082.59	0.06	2	8	71	1	LAPGEERRR
✓	2325	798.55	2392.62	2392.27	0.36	1	8	1.2e+02	1	FKPALPRAIQGASYHLHTEEK
✓	1873	487.68	1460.02	1459.79	0.23	0	8	88	1	ILSVSGNSNILSEK

✓	1414	543.58	1085.15	1085.53	-0.37	1	8	1.4e+02	1	RGDNPWVDK
✓	927	461.29	920.57	920.44	0.13	0	8	85	1	EGIVNMSR + Oxidation (M)
✓	2067	598.79	1793.34	1792.93	0.41	2	8	1.4e+02	1	TQSALWSFHAKKDFK
✓	92	497.54	1489.60	1489.74	-0.14	1	8	2.4e+02	1	RFESPELNEELK
✓	1510	1124.52	3370.53	3370.56	-0.03	2	8	2.2e+02	1	LGNREGRYMYDGLVCYLDLETNAYVDK + Carbamidomethyl (C); Oxidation (M)
✓	62	464.02	926.02	925.46	0.56	0	8	2.3e+02	1	NGGDVHSLK
✓	1386	539.51	1077.00	1077.52	-0.53	1	8	1.8e+02	1	CKHQNVGHR
✓	2396	902.84	2705.48	2705.32	0.16	1	8	70	1	ARPTTPSRQSAPSQAQDAAAADGGAAPR
✓	1418	544.09	1086.17	1086.52	-0.35	0	7	1.5e+02	1	MMLSVYATR + Oxidation (M)
✓	1434	548.31	1094.61	1094.47	0.14	0	7	1e+02	1	STSCPAGLECK
✓	20	387.91	1160.71	1160.66	0.04	0	7	2.5e+02	1	ATFCLPIIGVK
✓	2089	919.00	1835.99	1835.80	0.19	0	7	86	1	CGSSCGTRPSGPAGGTGATGR
✓	2216	704.40	2110.17	2110.06	0.10	2	7	78	1	AGDAKSAATLLKDVVDMYDK
✓	2332	807.54	2419.59	2419.08	0.51	2	7	1e+02	1	LCGSSSFCCFANVCGRKETPSGR + Carbamidomethyl (C)
✓	1701	611.28	1220.56	1220.72	-0.17	2	7	93	1	RGHSVLLRQR
✓	785	863.36	1724.71	1724.97	-0.26	2	7	2.7e+02	1	GRTVAPISPCASLLKR + Carbamidomethyl (C)
✓	1793	1309.83	3926.46	3926.69	-0.23	2	7	2.7e+02	1	EVFQAVKTCMGCYCMGSDTCQILERIFCDYELR + Carbamidomethyl (C); Oxidation (M)
✓	319	632.88	631.87	631.29	0.58	0	7	2.7e+02	1	VDENR
✓	125	518.80	1553.39	1553.88	-0.50	2	7	2.7e+02	1	AIGRAGARLVAACTPK
✓	2161	668.19	2001.54	2001.98	-0.44	0	7	1.4e+02	1	NQQLSMIHIAFMLNNIK + 2 Oxidation (M)
✓	2026	567.36	1699.05	1698.90	0.15	1	7	85	1	TPILHTKEIGMTTNK + Oxidation (M)
✓	58	456.52	911.04	911.63	-0.59	2	7	2.1e+02	1	LKLAKAIR
✓	2437	969.87	2906.59	2906.43	0.16	2	7	77	1	GPACRLNESVRPLTHYTKAYSMPSPR + Carbamidomethyl (C); Oxidation (M)
✓	984	936.24	1870.46	1869.89	0.58	2	7	3.3e+02	1	RTTNHQGQSDPNTMKR
✓	265	603.55	1205.08	1205.65	-0.57	2	7	4e+02	1	VRGIRCAFER
✓	228	585.39	1753.16	1752.95	0.21	1	7	2.1e+02	1	KLGGTQLSEGPLQQAAR
✓	1906	753.09	1504.16	1503.72	0.44	2	7	1.3e+02	1	KNENTEEQEKQK
✓	1908	754.40	1506.78	1506.69	0.09	0	7	1.2e+02	1	SPSWPGQGSFCAVK + Carbamidomethyl (C)
✓	324	635.93	1904.76	1904.86	-0.10	0	7	3.2e+02	1	CQEQLQDCINVLEEK + 2 Carbamidomethyl (C)
✓	85	486.31	970.61	970.54	0.07	2	7	1.8e+02	1	EVKNEPKK
✓	207	571.40	1140.79	1140.65	0.15	2	7	2.4e+02	1	NLTARSPARR
✓	1061	960.24	1918.46	1917.99	0.46	1	7	3.6e+02	1	RAISAAQEEFGVIDGSIR
✓	1893	743.45	1484.88	1484.76	0.12	1	7	91	1	GAPPKQDTSSTLQR
✓	677	819.76	2456.27	2456.25	0.02	1	7	3.1e+02	1	LAPHDFDAALLEIVHKYYADR

✓	271	609.71	608.71	608.29	0.41	1	7	2.9e+02	1	AKYNN
✓	40	438.65	1312.92	1312.78	0.14	1	7	2.1e+02	1	SVSAAAKVVAARIAR
✓	2002	557.55	1669.64	1669.88	-0.24	1	7	93	1	ISKEAEKPTDFHLR
✓	1815	1353.21	2704.41	2704.33	0.08	2	7	3.2e+02	1	KRPSDAGWDWGPAFGTMGLWRSVK
✓	1992	553.58	1657.71	1657.84	-0.13	0	7	1e+02	1	CVQSICVLIFGCVFK
✓	2230	1070.55	2139.09	2139.02	0.07	1	7	98	1	SLYDPHYGSTVCLACLNKR
✓	2305	783.46	2347.35	2347.21	0.14	2	7	82	1	STHGSMKSVAQLKSDWVFIR
✓	1818	678.89	1355.77	1355.64	0.13	2	7	97	1	MPHEDHKKYR + Oxidation (M)
✓	22	396.96	1187.85	1187.44	0.41	0	7	3.4e+02	1	MCMCVGVCGR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1605	1167.69	3500.06	3499.85	0.22	2	7	2.8e+02	1	QTVRVQFTPTVPHCSMTTLIGLCISLKLQR + 2 Carbamidomethyl (C); Oxidation (M)
✓	281	613.77	1838.29	1838.88	-0.59	0	7	2.7e+02	1	SVEGSTVSATASHSGPHTK
✓	1090	971.57	1941.13	1940.99	0.14	1	7	2.7e+02	1	YSRLVMSPSPLHGGSTPR
✓	989	936.88	2807.62	2807.36	0.26	0	7	3.2e+02	1	SCLRPHLGPLATGGMSLMNSAPNSPQR + Oxidation (M)
✓	1774	643.07	1284.12	1284.68	-0.56	1	7	1.8e+02	1	LVEERGDVAAAR
✓	1848	709.41	1416.80	1416.73	0.08	0	7	1.2e+02	1	MLQLENNDIAIK + Oxidation (M)
✓	348	646.72	1291.42	1291.66	-0.24	2	7	3.8e+02	1	MKLFHAMSRR + Oxidation (M)
✓	2275	752.59	2254.74	2255.11	-0.37	2	7	1.3e+02	1	LYEQVLKDMPTNDFCVKR + Carbamidomethyl (C)
✓	639	801.39	1600.77	1600.80	-0.03	1	7	3.1e+02	1	MAVCSRLATLSTLY + Carbamidomethyl (C); Oxidation (M)
✓	267	605.84	604.83	604.32	0.51	1	7	2e+02	1	EKGGSK
✓	699	828.36	2482.07	2482.09	-0.02	0	7	2.9e+02	1	TTHWQLPAEYSMQPPMCSYR + Carbamidomethyl (C)
✓	1572	1151.44	3451.31	3450.89	0.42	2	7	3e+02	1	GVQAAPGLEAIELTAARATSVVNRILTSITSWR
✓	1314	1050.19	1049.18	1049.50	-0.32	1	7	3.1e+02	1	CFERDVPK + Carbamidomethyl (C)
✓	222	581.72	1742.15	1741.88	0.27	0	7	2.7e+02	1	EVMAAVTWQTPPLQR + Oxidation (M)
✓	1825	682.45	1362.88	1362.78	0.11	1	7	1.1e+02	1	RWYGITLISVR
✓	52	448.40	894.78	894.37	0.41	0	7	3e+02	1	CVAEMGGGR + Oxidation (M)
✓	2285	761.54	2281.61	2282.09	-0.48	1	7	1.8e+02	1	SLQWQGMGVCVPMIEKEK + Oxidation (M)
✓	869	898.41	2692.20	2692.27	-0.07	1	7	2.8e+02	1	YSDMLNAANSHADLVIAESAAMRAR + Oxidation (M)
✓	2124	638.14	1911.40	1910.89	0.51	1	7	1.8e+02	1	GKAIGCCTESILNISDCK + Carbamidomethyl (C)
✓	1547	570.00	1137.98	1138.47	-0.50	0	7	1.5e+02	1	MEAGTQAEMR + Oxidation (M)
✓	1938	517.59	1549.74	1549.82	-0.08	0	7	1.1e+02	1	YTLTVAGEEVELVK
✓	2356	841.54	2521.61	2522.20	-0.59	1	7	1.2e+02	1	NLENLTSADKSYLFFDEQNK
✓	347	646.62	1291.22	1291.71	-0.50	1	7	4.7e+02	1	EIYVLTKG DVR
✓	938	463.30	924.59	924.35	0.24	0	7	88	1	EMHSMMK + 2 Oxidation (M)
✓	1747	1254.79	1253.78	1253.71	0.07	1	7	3.2e+02	1	NLPTSLTPKQR

✓	586	775.81	774.80	774.46	0.34	1	7	1.9e+02	1	TKATQVK
✓	1894	496.42	1486.24	1486.77	-0.53	1	7	1.9e+02	1	DTIPMTEQPKIAK + Oxidation (M)
✓	2196	1033.91	2065.82	2066.10	-0.28	1	7	1e+02	1	LMTDEEKAVGAVSLLTYVK
✓	253	599.48	1196.94	1196.57	0.37	0	6	3.4e+02	1	TEYNIDAIMK
✓	1628	588.29	1174.57	1174.56	0.01	0	6	1.3e+02	1	SEGSEQAAGALR
✓	2112	627.09	1878.26	1877.86	0.40	0	6	1.2e+02	1	STASLYYELAEEDMK + Oxidation (M)
✓	1877	733.89	1465.77	1465.77	0.00	1	6	1.1e+02	1	KEEEILNLYSTK
✓	426	688.29	687.29	687.30	-0.02	0	6	1.3e+02	1	NTCHLT
✓	1529	1129.46	1128.45	1128.56	-0.11	1	6	3.1e+02	1	KLMNYFADK
✓	110	510.32	1018.62	1018.59	0.03	1	6	2.7e+02	1	NLNVKYIR
✓	2388	892.75	2675.22	2675.30	-0.08	0	6	92	1	FTAYVFQSGLVQCNAFHVSAMALR + Oxidation (M)
✓	1393	1079.34	3234.99	3234.41	0.58	2	6	3.7e+02	1	ENTEGENSMCAKCESMSATIASLTKEIER + Carbamidomethyl (C); Oxidation (M)
✓	1470	555.06	1108.10	1108.58	-0.48	0	6	1.9e+02	1	LGSQTEFVTK
✓	1215	1013.66	1012.66	1012.58	0.08	1	6	3.5e+02	1	GSIGLPASRR
✓	854	893.28	892.28	892.52	-0.25	2	6	4e+02	1	VREHPKK
✓	292	622.57	621.56	621.32	0.24	0	6	95	1	ASAAFR
✓	296	623.47	1867.40	1866.90	0.49	2	6	4.2e+02	1	KIDEFARNNYIPCER
✓	2268	751.48	2251.42	2251.12	0.30	2	6	1.3e+02	1	MSGLEAKLQGMLASACQRSVR + Oxidation (M)
✓	879	451.99	901.97	902.56	-0.59	1	6	2.7e+02	1	EIRLIIF
✓	1496	1118.36	3352.04	3351.59	0.45	2	6	3.9e+02	1	LMYYPETDHGPEEFVAIDSPFRCKLPPK + Carbamidomethyl (C); Oxidation (M)
✓	1008	942.71	2825.11	2825.39	-0.29	2	6	3.8e+02	1	ISKSPNTDSFVSPSEFKLDPNLMTR + Oxidation (M)
✓	239	591.93	1772.78	1772.96	-0.18	2	6	3.4e+02	1	TSALEAAKEKTVQLER
✓	590	390.75	779.50	779.38	0.11	1	6	99	1	GKADDFK
✓	1658	1192.27	1191.26	1191.61	-0.35	1	6	3.5e+02	1	SNKSLNTAETK
✓	1218	1014.15	2026.29	2026.75	-0.45	0	6	3.7e+02	1	YGMSAAQDGHAMACPHMM + 2 Oxidation (M)
✓	505	732.22	1462.43	1461.85	0.58	1	6	4.8e+02	1	KGHGLLCLPAGVIK + Carbamidomethyl (C)
✓	1885	738.88	1475.75	1475.70	0.04	1	6	1.2e+02	1	NSTEPFTYARYK
✓	2181	683.31	2046.90	2047.01	-0.11	1	6	1.1e+02	1	VTDDSLFFMNNQFKTK
✓	302	625.54	1873.60	1873.86	-0.26	0	6	4.1e+02	1	GLPIDVYHTANNEEMR + Oxidation (M)
✓	1595	581.87	1161.73	1161.56	0.17	0	6	1.2e+02	1	EFNIGGNFHK
✓	1943	778.95	1555.88	1555.71	0.16	0	6	1.5e+02	1	ESGTAHMLFYWK + Oxidation (M)
✓	161	543.62	1627.85	1627.75	0.09	2	6	3.1e+02	1	GMTKVMVDDSRTEK + 2 Oxidation (M)
✓	436	696.03	695.02	695.35	-0.33	0	6	90	1	EYVASK
✓	2174	677.39	2029.15	2028.99	0.17	1	6	1.2e+02	1	MSSHSMEHFSKPDLLR

✓	446	701.58	2101.72	2102.08	-0.36	1	6	5e+02	1	AKLEQLQPCADYLQAVANK
✓	1823	681.69	1361.36	1361.65	-0.29	1	6	1.5e+02	1	EPKEIEDMSLR + Oxidation (M)
✓	912	916.13	1830.25	1829.88	0.36	0	6	4.9e+02	1	AQLEICNAIEELDGGAK + Carbamidomethyl (C)
✓	1675	1204.96	3611.85	3611.38	0.46	2	6	3.4e+02	1	SRMAAPGCLDEGCMGCADCVKCDACEGCADVLR + 4 Carbamidomethyl (C); 2 Oxidative
✓	936	462.90	923.79	923.51	0.28	0	6	1.1e+02	1	AVEVLHEK
✓	2246	1090.13	2178.24	2177.96	0.28	1	6	1.1e+02	1	RNDSTAMANPLDAEAGMWGR + Oxidation (M)
✓	60	459.18	1374.52	1374.87	-0.35	1	6	2.9e+02	1	LTATILRHPLLK
✓	831	881.48	880.48	880.44	0.04	0	6	3.3e+02	1	DIMFIDK
✓	962	931.61	930.60	930.50	0.10	0	6	4.1e+02	1	ITSSADLPK
✓	61	463.92	1388.74	1388.65	0.08	2	6	2.4e+02	1	NEHRRSSSSSR
✓	2024	848.93	1695.84	1695.81	0.03	0	6	1.2e+02	1	DAIADLTYIMNNNTK
✓	103	503.79	1005.57	1005.66	-0.09	2	6	3.8e+02	1	YLTKKIIK
✓	1882	737.66	1473.31	1473.74	-0.43	2	6	2.2e+02	1	YRGRNSTAEAPPR
✓	450	705.30	2112.87	2112.99	-0.12	0	6	4e+02	1	TFTDCFNCLPVAALIDEK + 2 Carbamidomethyl (C)
✓	1332	1057.49	3169.44	3169.66	-0.22	1	6	3.3e+02	1	STLSAVAPSSPSGATSATDTPLSPFLPRSVLR
✓	1406	1084.96	1083.95	1084.52	-0.57	0	6	1.8e+02	1	SLVWHAGCR + Carbamidomethyl (C)
✓	2085	611.61	1831.81	1831.85	-0.05	0	6	1.4e+02	1	EDERPTFPTPAMASGAR
✓	1951	786.73	1571.45	1571.72	-0.27	2	6	1.5e+02	1	SRCSEFTKAVCER + Carbamidomethyl (C)
✓	1382	1076.66	3226.95	3226.68	0.27	1	6	4.1e+02	1	TVLECPHIRNVLFSLNSTNTVPVCSSLVK + Carbamidomethyl (C)
✓	158	540.58	1079.15	1079.47	-0.33	0	6	3e+02	1	MQNGELMNK + Oxidation (M)
✓	147	532.43	1062.85	1062.48	0.36	0	6	4.2e+02	1	ENMMGQIPK + Oxidation (M)
✓	1809	671.60	1341.18	1340.66	0.52	0	6	2.3e+02	1	NVSSIGSSAFSASK
✓	691	825.42	1648.83	1648.87	-0.03	0	6	3.4e+02	1	QTLAVVTEQLDAYAK
✓	2282	758.57	2272.68	2273.16	-0.48	1	6	1.8e+02	1	KTSSEIFSILLDACQALISK + Carbamidomethyl (C)
✓	998	469.99	937.97	937.53	0.44	0	6	2.4e+02	1	ILTIGHER
✓	2193	688.11	2061.30	2061.00	0.31	1	6	1.3e+02	1	STSRLLVHIMDMCYQHK
✓	95	500.32	1497.93	1497.79	0.14	0	6	2.5e+02	1	QMVPISILIDVPDR + Oxidation (M)
✓	288	618.11	1234.21	1233.70	0.51	2	6	5.9e+02	1	LLGCRLEFKR
✓	1928	765.25	1528.49	1528.75	-0.25	0	6	1.4e+02	1	FLGEGHVTLP CGSR + Carbamidomethyl (C)
✓	884	903.86	1805.70	1805.94	-0.24	2	6	4.4e+02	1	KKSNCVTLTSNNTLQR
✓	2198	691.83	2072.46	2073.06	-0.60	1	6	2e+02	1	LTDMATIDASVSRLFYVR + Oxidation (M)
✓	261	601.50	1200.98	1200.64	0.34	1	6	5.1e+02	1	NGKTAFTAVR
✓	1216	507.38	1012.75	1012.59	0.16	2	6	1.1e+02	1	AADGVIRRR
✓	700	828.39	1654.77	1654.87	-0.09	2	6	3.7e+02	1	FQEPRQPSLRAGGGR

✓	724	839.29	2514.86	2514.32	0.54	2	6	4.1e+02	1	MLYKTFPLGDVGHGNGGGKIGVAAR
✓	902	913.14	2736.40	2736.14	0.27	1	6	4.1e+02	1	KGEGNAEMVEGGSDEESPTHWMAR + 2 Oxidation (M)
✓	931	922.98	2765.92	2766.51	-0.59	0	6	5.4e+02	1	THQVMLLFSAISAQDGVAVVPLTTLR
✓	1108	977.51	976.51	976.55	-0.04	2	6	3.6e+02	1	NDIKKGFR
✓	2038	574.51	1720.50	1720.77	-0.27	1	6	1.8e+02	1	QGNEAHRFYSPCQK + Carbamidomethyl (C)
✓	2240	1083.14	2164.26	2164.12	0.13	2	6	1.2e+02	1	LQDENKLLHEQLADQKSR
✓	2348	829.83	2486.47	2487.05	-0.58	2	6	1.1e+02	1	NMMCAADPRHGRYPTASCMFR + Carbamidomethyl (C); Oxidation (M)
✓	607	787.21	1572.40	1571.86	0.55	1	6	5.6e+02	1	SYLYLSTIERSK
✓	2103	619.61	1855.81	1855.90	-0.09	2	6	1.2e+02	1	KKYCLIFDNVCPDNK + Carbamidomethyl (C)
✓	2009	559.74	1676.19	1675.93	0.26	2	6	1.6e+02	1	VTQKGANVTKFAIGDK
✓	2304	783.25	2346.73	2346.19	0.54	1	6	2.2e+02	1	LECVVAREMLLTSVEEELQR
✓	1276	1036.51	3106.51	3106.62	-0.10	2	6	3.7e+02	1	KKIQAVFSGVTMGLLSGMRPDGSSPVTSPK + 2 Oxidation (M)
✓	704	829.49	1656.96	1656.83	0.13	1	6	4.3e+02	1	RPWMDGAGRINVNR + Oxidation (M)
✓	340	643.86	642.85	642.42	0.44	1	6	3e+02	1	AAVRVK
✓	533	745.08	1488.14	1488.74	-0.60	0	6	5e+02	1	QESLLLSGDPSSSTR
✓	423	686.98	2057.92	2057.96	-0.04	0	5	5.2e+02	1	GHNTNVVAACAPMLPCYAAR
✓	596	782.55	2344.63	2344.14	0.50	0	5	4.5e+02	1	NIVQDLETSGMSVPEYLANHK
✓	231	587.95	1173.89	1173.57	0.32	1	5	5.2e+02	1	QQTDNVGEKR
✓	1149	495.93	989.85	989.49	0.37	0	5	1.9e+02	1	NAPTSLMEK
✓	2293	770.54	2308.60	2308.91	-0.31	1	5	2e+02	1	APVAANPSGGCCDNGGCKCGPSCK + 2 Carbamidomethyl (C)
✓	1515	1125.28	2248.55	2249.10	-0.55	2	5	4.3e+02	1	TNEPKSVTMGRRTTIYSSSFK + Oxidation (M)
✓	2213	702.59	2104.75	2105.17	-0.42	2	5	1.4e+02	1	RANHGVTTSGKLELKPELR
✓	528	742.48	2224.43	2224.83	-0.40	2	5	4.4e+02	1	CPKCDNGCYEGCTCMQKR + 3 Carbamidomethyl (C); Oxidation (M)
✓	897	908.42	2722.24	2722.43	-0.19	2	5	3.8e+02	1	KSFLNQEIWSSICGRNNIMIIIK + Oxidation (M)
✓	1485	1115.24	1114.23	1114.54	-0.30	0	5	4.4e+02	1	AQGPDGGLSASR
✓	1557	573.08	1144.15	1144.59	-0.43	1	5	2.8e+02	1	QPDPKELYR
✓	1705	409.65	1225.92	1225.69	0.23	1	5	1.3e+02	1	LEVNAAGRVAR
✓	1897	746.64	1491.27	1491.72	-0.45	2	5	3e+02	1	NACTGRNISSERK + Carbamidomethyl (C)
✓	2390	895.05	2682.14	2682.58	-0.43	2	5	1.2e+02	1	TVNGRRILVGLIWLVMFTLSLPK
✓	331	639.10	1276.19	1275.68	0.51	1	5	5.7e+02	1	SFIAAQWAARR
✓	965	931.90	930.89	930.59	0.30	1	5	2.5e+02	1	KLMSVLLK
✓	2464	1040.55	3118.64	3118.57	0.07	2	5	1.1e+02	1	DYNIKFDNVYNTLYELNNLDRTLLR
✓	1261	1031.52	3091.53	3091.53	-0.00	2	5	4.1e+02	1	TGSSYNGQVKDDNVLQLSSYIFMLKER
✓	170	550.05	1647.13	1646.84	0.29	2	5	4.5e+02	1	LQQERSVACGATKEK

✓	1864	726.75	1451.49	1451.77	-0.28	2	5	1.5e+02	1	HTPLSEEKVREK
✓	755	851.63	2551.87	2552.17	-0.31	2	5	5.1e+02	1	TCRVCASLEEQTSQLNSREER + 2 Carbamidomethyl (C)
✓	2093	921.82	1841.63	1841.96	-0.33	1	5	1.5e+02	1	TKGTSAPAARPSASASSPAK
✓	666	814.87	2441.59	2441.15	0.44	1	5	5.4e+02	1	GMLENNIMSSDVSLEELGKMTK + Oxidation (M)
✓	768	857.27	2568.79	2569.01	-0.22	0	5	5.4e+02	1	CLGIEDLEFDEESGEMVCVNCR + Oxidation (M)
✓	867	897.27	896.26	896.45	-0.18	0	5	5.1e+02	1	LMMTTIR + 2 Oxidation (M)
✓	2393	897.49	2689.44	2689.42	0.02	2	5	1.2e+02	1	KWIMILSSIASLGVSTVMYFKGDK + Oxidation (M)
✓	421	685.86	684.85	684.45	0.40	0	5	6.3e+02	1	ILAAAVK
✓	1324	1055.04	2108.06	2107.98	0.08	1	5	5.6e+02	1	SDLQRQSEDLVQTMAESR + Oxidation (M)
✓	1955	789.92	1577.83	1577.77	0.06	0	5	1.5e+02	1	TTNAFDLFGAPAPK
✓	2361	850.15	2547.43	2547.31	0.12	2	5	1.4e+02	1	WYVSRVQAARSSPPSISVEEATK
✓	415	683.31	1364.61	1364.55	0.06	0	5	3.5e+02	1	MQGEDDAVAEER + Oxidation (M)
✓	1580	1153.54	2305.07	2305.05	0.02	0	5	3.7e+02	1	DASVDIQGDDAVDSTAAALAACR
✓	2138	645.10	1932.27	1932.83	-0.57	1	5	1.4e+02	1	VCYGDCTGATPFETEGKR
✓	2064	895.52	1789.03	1788.85	0.18	0	5	1.7e+02	1	TVTAGAQSMNFTFVGSR + Oxidation (M)
✓	572	770.84	769.83	769.49	0.35	0	5	1.7e+02	1	KPLVWK
✓	1062	960.38	959.37	959.53	-0.16	0	5	1.9e+02	1	NISGELSIK
✓	1575	1152.14	3453.39	3452.84	0.54	2	5	5.3e+02	1	VAPLGCLEKDNTDAVRLELAALPELSHPGVLR + Carbamidomethyl (C)
✓	1960	530.28	1587.82	1587.74	0.09	0	5	1.4e+02	1	FEFMTGSAVTTNQR
✓	703	829.46	1656.90	1656.76	0.13	1	5	4.7e+02	1	GGNKPANAQECKQQ + Carbamidomethyl (C)
✓	383	661.31	660.30	660.32	-0.02	0	5	2.5e+02	1	NPSTSR
✓	1250	513.70	1025.38	1025.54	-0.17	0	5	1.2e+02	1	LCHVLGAASR
✓	199	567.18	1698.51	1698.85	-0.34	1	5	4e+02	1	ATKWDNFTHDVLPR
✓	78	480.61	1438.80	1438.49	0.31	0	5	3.3e+02	1	CDSTCNECEHK + 3 Carbamidomethyl (C)
✓	1903	751.52	1501.03	1500.81	0.21	0	5	1.6e+02	1	TLQVTETVGLSPTR
✓	780	860.53	859.52	859.48	0.04	1	5	1.8e+02	1	MAILLKDG
✓	1200	1006.40	3016.18	3016.64	-0.46	1	5	4.3e+02	1	SLTTFQTLSSLIQQKSINHLILTSESK
✓	1352	1062.74	3185.21	3185.51	-0.30	1	5	5.3e+02	1	TTMHMNSPQFRQSFCFVADTSAPGIVAVK + Oxidation (M)
✓	1494	1117.87	3350.60	3350.75	-0.15	2	5	4.6e+02	1	VNFIKSFWPGLTAMIFYMLICGLRDFR
✓	1800	1327.18	3978.53	3979.12	-0.59	1	5	5.1e+02	1	LLGVESSDGEALVKPLVAGDILMINIGSTHTGCKVMALK
✓	2072	904.11	1806.21	1805.97	0.24	1	5	2e+02	1	GMENYLAVAKPAAVKTK + Oxidation (M)
✓	1080	967.72	2900.14	2900.31	-0.17	1	5	5.3e+02	1	VYDCTDGAIFYGPGNSYAVFAGKEVSR + Carbamidomethyl (C)
✓	625	793.81	1585.61	1585.90	-0.29	0	5	5.5e+02	1	WAFILVAGQEALLR
✓	1610	1169.73	1168.72	1168.57	0.15	0	5	4.4e+02	1	IHNEDAETIK

✓	537	747.60	2239.78	2240.09	-0.31	2	5	6.3e+02	1	NGTGVCASALTKHTRQQQH + Carbamidomethyl (C)
✓	1840	693.93	1385.85	1385.73	0.13	2	5	1.6e+02	1	EAEPEsatLRRK
✓	765	855.44	2563.29	2563.35	-0.07	2	5	4.3e+02	1	EELVGCTNPAKAPPTSLRGLIQNR
✓	1036	951.89	950.89	950.40	0.49	0	5	5.7e+02	1	DEMSGADVK
✓	1067	481.54	961.07	960.48	0.59	0	5	3.2e+02	1	IVMAGAGGGGR + Oxidation (M)
✓	1107	977.18	1952.36	1951.94	0.41	2	5	5e+02	1	AKDDGLSEEGAIRCIYGR
✓	118	513.82	1538.44	1537.88	0.56	2	5	3.2e+02	1	IISKEPCIIRNPR
✓	1765	1275.36	2548.70	2549.28	-0.59	2	5	4.8e+02	1	IANDFVNALKGMAGETARLSACAAR
✓	1690	1214.90	2427.78	2427.37	0.40	2	5	4.5e+02	1	VKLIDSPGIVFSSKSDPASLVLR
✓	2047	873.61	1745.21	1744.79	0.43	0	5	1.8e+02	1	QADHTTAATVEGSENSK
✓	1394	1079.58	1078.58	1078.57	0.00	1	5	1.4e+02	1	SSSSLSSLRR
✓	1272	518.33	1034.64	1034.52	0.12	1	5	1.6e+02	1	MTNRIGESK
✓	876	901.00	899.99	900.36	-0.37	0	5	6.5e+02	1	MSTEDFR + Oxidation (M)
✓	1323	1054.71	3161.10	3161.37	-0.27	0	5	5.5e+02	1	FVENNDIEFCSCIVSDNSIQNVNDSSR + 2 Carbamidomethyl (C)
✓	2108	936.80	1871.58	1871.93	-0.35	1	5	1.9e+02	1	RTSNPLAAVMVQPGER + Oxidation (M)
✓	2353	837.41	2509.21	2508.96	0.25	2	5	1.7e+02	1	RCCCVLEMTEEDMRGCSR + 4 Carbamidomethyl (C); 2 Oxidation (M)
✓	148	532.76	531.76	531.25	0.50	0	5	1.6e+02	1	DVEGL
✓	1402	1082.83	3245.48	3245.46	0.02	1	5	4.8e+02	1	EPSYFSMDCAPQVSIHIMCTEALRSSVR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1469	1108.61	1107.61	1107.55	0.05	2	5	4.1e+02	1	TTADDSRSKK
✓	1618	586.05	1170.08	1170.55	-0.47	2	5	2.9e+02	1	KVDGCSFCKK + Carbamidomethyl (C)
✓	1756	633.58	1265.15	1265.51	-0.37	0	5	3.1e+02	1	CGCDGAGGADALTR
✓	727	840.00	2516.99	2517.17	-0.18	2	5	5.3e+02	1	WMLQVTDTMKSDHSAPTERER
✓	2283	758.79	2273.36	2273.26	0.10	2	5	1.3e+02	1	KIYMEKPHFILQQKITEK
✓	2363	853.30	2556.87	2557.31	-0.44	2	5	2e+02	1	SLERGKQQETWNEACLGLNLLR
✓	1288	1041.55	2081.08	2081.15	-0.07	1	5	4e+02	1	MRGSLPLLFNPVLPPSTAR + Oxidation (M)
✓	1843	706.25	1410.50	1410.78	-0.28	2	5	1.6e+02	1	VTAAEKVKHCLR + Carbamidomethyl (C)
✓	204	570.10	1707.27	1707.80	-0.53	0	5	5e+02	1	TVSVCFSRPEQQGR
✓	382	661.02	660.01	660.34	-0.33	0	5	7.1e+02	1	AETVVK
✓	1741	1250.21	3747.61	3747.46	0.15	1	5	5.2e+02	1	CVDGYFLNSDLMCESCDTSCSTCITDSKTCLSCK + Carbamidomethyl (C); Oxidation (M)
✓	581	774.45	1546.89	1546.78	0.12	2	5	5.3e+02	1	NNTNDKFKIYYK
✓	2290	765.86	2294.56	2295.12	-0.56	1	5	2.4e+02	1	MRVSEVNVEVPITDSCIFNK + Oxidation (M)
✓	250	599.28	1794.82	1794.89	-0.07	1	5	4e+02	1	KSGGYLVILCDDATQR + Carbamidomethyl (C)
✓	287	618.08	1234.15	1233.68	0.47	2	5	7.4e+02	1	ERAKYVAELR
✓	730	840.83	839.82	839.49	0.33	0	5	1.8e+02	1	LAVDPLGR

✓	1700	1221.36	2440.70	2441.27	-0.57	2	5	5.1e+02	1	LNQTMDAEVAQQKIVDNIRK
✓	102	503.54	1507.59	1507.64	-0.06	0	5	5.4e+02	1	DVCDAEWLICIER + Carbamidomethyl (C)
✓	440	698.71	2093.10	2092.98	0.12	0	5	4.2e+02	1	QMLIAFYCLGPVNCSFSK + Carbamidomethyl (C); Oxidation (M)
✓	457	708.78	1415.54	1415.75	-0.21	0	5	5.4e+02	1	LANVGTYAPAAAAAR
✓	2326	803.85	2408.52	2408.02	0.50	0	5	1.7e+02	1	VTFSESYEFDLASYMSDR
✓	511	734.45	2200.33	2200.02	0.31	1	5	5e+02	1	VTMMRGASSAASAATAAIQCMR + Oxidation (M)
✓	558	763.41	762.41	762.39	0.01	0	5	1.9e+02	1	SPPSTFK
✓	540	749.08	1496.14	1495.67	0.47	1	5	6.5e+02	1	GTADADEFVRMR
✓	1051	478.91	955.81	955.43	0.38	0	5	1.6e+02	1	DMEYAAIK + Oxidation (M)
✓	2065	597.83	1790.47	1790.96	-0.49	1	5	3.2e+02	1	ETPLITAFRGMLDTVK
✓	1643	1184.71	3551.10	3550.98	0.12	2	5	4.6e+02	1	NVKILQAWMKPVRPGIYRPFILVGPEGCGKK + Carbamidomethyl (C)
✓	1764	637.92	1273.84	1273.70	0.14	2	5	1.9e+02	1	QQISSAEKQKK
✓	2377	876.94	2627.81	2628.30	-0.49	2	5	2.3e+02	1	TVDRFIYHASESMYADPIRITK + Oxidation (M)
✓	1274	1035.77	3104.28	3104.67	-0.39	2	5	5.8e+02	1	LENCPAIKRLELANVEVLFSSLAYVTR + Carbamidomethyl (C)
✓	1954	788.81	1575.60	1575.73	-0.13	1	5	1.8e+02	1	NMSRSCIPNCIPK + 2 Carbamidomethyl (C)
✓	744	846.61	2536.81	2536.27	0.54	1	5	7e+02	1	MSEQPAPKAPPLEPIIPGCTPYK + Carbamidomethyl (C); Oxidation (M)
✓	1433	1094.36	2186.71	2186.26	0.44	2	5	5.7e+02	1	AIIPDRDPVAAIGINGGIRIR
✓	1438	1096.28	3285.81	3285.54	0.28	2	5	5.3e+02	1	DPSADTDCSAGKITAGLVGFLSGNFSDNKWR + Carbamidomethyl (C)
✓	1947	522.67	1564.98	1564.76	0.22	0	5	1.8e+02	1	YIPSSSIQQSCQPK
✓	534	745.57	744.56	744.42	0.14	1	5	2.3e+02	1	KLQSNR
✓	1574	1151.86	1150.85	1150.52	0.33	2	5	5.5e+02	1	CKEEEEEEKK
✓	1689	607.93	1213.84	1213.57	0.27	1	5	1.6e+02	1	TAHTAADDEKR
✓	178	554.64	1107.26	1107.54	-0.28	2	5	3.5e+02	1	RRACSTVCR + Carbamidomethyl (C)
✓	970	932.96	931.95	931.45	0.50	0	5	3.8e+02	1	VSCLGSPNR
✓	2286	1141.87	2281.72	2282.18	-0.47	2	5	2.3e+02	1	QSAGGPPSLSASAAVASSRAARQR
✓	339	643.48	642.47	642.38	0.09	1	5	1.8e+02	1	SKVPGR
✓	1075	482.98	963.95	963.49	0.45	0	5	3.4e+02	1	DIITDMIK + Oxidation (M)
✓	1296	1044.55	1043.55	1043.49	0.06	0	5	4.8e+02	1	NSFCVYVR + Carbamidomethyl (C)
✓	89	491.58	1471.72	1471.78	-0.06	1	4	4e+02	1	NGNLSISGMKIPNK
✓	353	647.48	1292.95	1293.53	-0.57	1	4	6.8e+02	1	ENEC SNKNGDK + Carbamidomethyl (C)
✓	463	710.57	709.56	709.42	0.14	0	4	1.3e+02	1	VVISHR
✓	904	913.33	1824.65	1824.92	-0.27	2	4	5e+02	1	TLSEFMTWIREREK
✓	1089	486.20	970.40	970.50	-0.11	1	4	1.6e+02	1	KTMDHALR
✓	1669	1200.46	3598.35	3598.91	-0.56	1	4	5.2e+02	1	DSPALRLILEVDTPLD CVVLQSELHLHFLEK + Carbamidomethyl (C)

✓	1719	618.66	1235.30	1235.57	-0.27	0	4	1.9e+02	1	DLHDIICHDR
✓	1000	939.71	2816.10	2816.32	-0.22	2	4	6.3e+02	1	SLADTNKADEAGDQGGGSGDSSPLAVGKGR
✓	2056	591.39	1771.14	1770.90	0.24	2	4	1.6e+02	1	KCLPGEPSVGFPASKSA
✓	1273	1035.66	3103.96	3103.74	0.22	2	4	5.5e+02	1	ILYVCVPTVCIKQVRINPHLPISSLNK + Carbamidomethyl (C)
✓	406	678.80	677.79	677.34	0.45	0	4	8.6e+02	1	TPFADK
✓	1556	1144.91	2287.80	2288.14	-0.33	1	4	5.3e+02	1	YTTTFNDLTNLKVENMQLK + Oxidation (M)
✓	1863	725.90	1449.80	1449.72	0.07	1	4	1.7e+02	1	LEQQSRGESAFK
✓	257	600.07	1198.13	1197.74	0.39	1	4	6.3e+02	1	LSKEGVALLIR
✓	1109	978.22	977.21	977.50	-0.29	0	4	6.1e+02	1	ISICGNIMK
✓	1141	989.61	988.61	988.51	0.09	0	4	5.7e+02	1	VLGGGGIMGGR + Oxidation (M)
✓	1731	1242.73	3725.17	3725.10	0.06	2	4	4.6e+02	1	LLSFLVLQTIVWICSIVILAGYPRDQPLRGWR
✓	1437	1095.87	2189.72	2190.02	-0.30	1	4	5.6e+02	1	FGSPQLTHGRGVACMTWNR + Carbamidomethyl (C); Oxidation (M)
✓	1939	776.00	1549.98	1549.83	0.15	2	4	1.8e+02	1	SSEYAFHIKKA
✓	2438	970.85	2909.52	2909.25	0.27	0	4	1.4e+02	1	MCSCCEPPVGQWIDIYGGPVRPR + 4 Carbamidomethyl (C); Oxidation (M)
✓	1359	1064.97	2127.92	2128.20	-0.28	1	4	6.9e+02	1	NPLIFVGSSVSLKTINIGR
✓	507	732.35	2194.04	2193.98	0.06	2	4	6e+02	1	CCPNRHLGGHPGCKECTR + 2 Carbamidomethyl (C)
✓	1035	951.52	1901.02	1900.84	0.18	1	4	5.4e+02	1	TCQAECRMTTTTTER + Carbamidomethyl (C)
✓	1718	1235.46	3703.37	3703.69	-0.32	0	4	5.2e+02	1	HLAACHGHEVVVGSGASCGIHPAPQGGTSPCSAAPCPK + 3 Carbamidomethyl (C)
✓	1910	503.97	1508.88	1508.73	0.15	0	4	1.8e+02	1	SMDAFADAVNVTLR
✓	424	687.85	2060.54	2060.96	-0.42	0	4	9.4e+02	1	SSIGMHGSSCGLDLSLPSTR
✓	1640	1182.54	2363.07	2363.08	-0.01	1	4	4.4e+02	1	TSKEEPTSETTFIACTVYNDK
✓	2309	785.05	2352.14	2352.02	0.12	1	4	1.7e+02	1	FMMIWKYDDNSGDICVR + 2 Oxidation (M)
✓	488	725.64	2173.91	2174.13	-0.22	1	4	5.8e+02	1	SPPGIALQGASVSDGYRTGLTK
✓	1732	1243.51	3727.51	3726.94	0.57	2	4	4.9e+02	1	VIQILLPYEAGLANDDNQTALIVAALCDKAKACR + 2 Carbamidomethyl (C)
✓	416	683.78	682.77	683.32	-0.55	0	4	1.7e+02	1	EGDVHK
✓	1375	1071.47	3211.39	3211.58	-0.20	2	4	5.1e+02	1	EKHSLDHQEAAKDANCQVLPLAPATSWR
✓	2170	674.49	2020.46	2019.92	0.54	0	4	2.9e+02	1	EIINESDDEEILDMIDK
✓	571	770.35	2308.04	2307.97	0.07	1	4	4.8e+02	1	GFGQMICMGVGNCASEDFKK + 2 Carbamidomethyl (C); Oxidation (M)
✓	1757	1269.40	1268.40	1268.75	-0.35	1	4	6.3e+02	1	LDITGKPIKER
✓	467	714.84	1427.66	1427.73	-0.08	0	4	7.7e+02	1	QCIPTWIGGLQGR
✓	1789	650.34	1298.67	1298.77	-0.10	2	4	1.8e+02	1	RVVSARLISAVE
✓	41	439.79	1316.36	1316.77	-0.41	1	4	4.8e+02	1	KALFLEINELK
✓	650	807.91	1613.81	1613.87	-0.07	1	4	9.1e+02	1	QARVELHVGGVHANK
✓	1970	808.10	1614.19	1614.71	-0.52	0	4	2.5e+02	1	CMSYLMPIAEQEK + Carbamidomethyl (C); Oxidation (M)

✓	2030	569.84	1706.50	1706.77	-0.28	2	4	2.3e+02	1	MFRVMRTVGEMMR + 4 Oxidation (M)
✓	1914	758.06	1514.10	1513.70	0.40	1	4	2.2e+02	1	NSAEVKYEDAFNK
✓	105	506.61	1011.21	1011.37	-0.17	0	4	3.8e+02	1	CEGCCVGVWR
✓	489	725.72	724.71	725.28	-0.57	0	4	1.1e+02	1	MNPWY + Oxidation (M)
✓	185	557.98	1113.95	1113.49	0.46	0	4	5.6e+02	1	LTCCSVFER + Carbamidomethyl (C)
✓	1662	1196.16	1195.15	1195.66	-0.51	2	4	6e+02	1	DKVPAPGAKGEK
✓	713	832.95	831.94	832.35	-0.40	0	4	5.1e+02	1	ENGDGWR
✓	1184	1001.60	3001.79	3001.31	0.48	2	4	5.5e+02	1	CLVCLNPCKYCAGTIRWCPHCYENR + Carbamidomethyl (C)
✓	1143	495.33	988.65	988.51	0.14	1	4	2.1e+02	1	MTKAFYTK
✓	1632	1178.83	3533.46	3533.77	-0.31	1	4	6.1e+02	1	MATQCSSNFAAVNRMQALAMILYLVVVVVMR + Carbamidomethyl (C); 3 Oxidation (M)
✓	2299	777.17	2328.50	2328.10	0.41	1	4	2.1e+02	1	NAHQMRVDIAIVCEEAELETR + Carbamidomethyl (C); Oxidation (M)
✓	739	843.30	842.29	842.37	-0.07	0	4	2.3e+02	1	CAYMVEK
✓	1684	605.74	1209.46	1209.70	-0.25	1	4	1.7e+02	1	LPSLCLPRGVR
✓	2022	847.00	1691.98	1691.94	0.04	2	4	2.1e+02	1	LRFLYGPTAVAKDNK
✓	539	748.76	2243.27	2243.21	0.05	2	4	6.4e+02	1	AIEKGCQVISGTPGRIMGLIK + Carbamidomethyl (C); Oxidation (M)
✓	107	508.15	1521.43	1521.74	-0.30	1	4	4.6e+02	1	RPSQNLCKDYNK + Carbamidomethyl (C)
✓	527	740.14	1478.26	1477.71	0.55	1	4	6.8e+02	1	AQGARNRDAAGASPHR
✓	688	825.33	824.32	824.37	-0.05	0	4	5.1e+02	1	FINSMVD
✓	1900	750.21	1498.41	1498.73	-0.32	1	4	2.6e+02	1	NSDMGLAGVPVNR + Oxidation (M)
✓	451	705.30	2112.89	2113.03	-0.14	2	4	6.1e+02	1	RHFYELFKSCEEGEVIK
✓	1512	562.82	1123.62	1123.61	0.01	1	4	1.8e+02	1	RLEGAAVSHGK
✓	2087	612.02	1833.04	1832.96	0.08	2	4	1.8e+02	1	VFLDLVEEERVARCR
✓	294	623.25	1244.48	1244.64	-0.16	1	4	5.8e+02	1	MVKTLECHLR + Oxidation (M)
✓	282	614.10	1839.27	1839.12	0.15	2	4	6.7e+02	1	NHLVILAHAKKLGGLK
✓	362	650.38	1948.13	1948.01	0.12	1	4	5.9e+02	1	DKVCLTGSAAALCASGLAAK
✓	1292	1043.17	3126.49	3126.41	0.08	1	4	6.4e+02	1	DKTLFFPSDTTEILEGDEVFFMCEADK
✓	2060	595.91	1784.71	1784.88	-0.17	1	4	1.8e+02	1	NSVCGGKSGGESVAHVIK + Carbamidomethyl (C)
✓	1503	1119.97	3356.89	3356.80	0.10	0	4	6.2e+02	1	NICIIVVIGVASFISYFMYIGLFLSAGFK + Carbamidomethyl (C); Oxidation (M)
✓	1990	550.28	1647.81	1647.98	-0.17	2	4	2e+02	1	VLRRWFPLLGVHR
✓	388	667.46	1332.91	1332.65	0.26	0	4	5.8e+02	1	QNALSPLSCSGTR
✓	43	442.40	1324.18	1324.64	-0.46	2	4	5.2e+02	1	NKSMALQCMKR + Oxidation (M)
✓	325	636.52	635.52	635.26	0.26	0	4	1.9e+02	1	ECGIGT + Carbamidomethyl (C)
✓	1652	1189.33	3564.98	3564.72	0.26	2	4	6.2e+02	1	DTVVFSCPQCRHMQPKPLTDLFCGKVKPK + Carbamidomethyl (C); Oxidation (M)
✓	1708	614.37	1226.72	1226.70	0.02	1	4	2e+02	1	IPNDTTGILRK

✓	926	461.22	920.43	920.51	-0.08	1	4	2e+02	1	ETFRAIGK
✓	2219	1058.36	2114.70	2114.10	0.60	1	4	2.3e+02	1	GTVLSANRILCSFPFFASGK
✓	646	805.89	1609.77	1609.80	-0.03	2	4	9.3e+02	1	SEVSFVCKTEEPKK
✓	298	624.37	1246.72	1246.68	0.04	1	4	5.5e+02	1	SRSPVFWGALK
✓	2229	1068.35	2134.68	2135.04	-0.35	1	4	2.6e+02	1	LEIMTRPDTVGEKQMTR + Oxidation (M)
✓	285	615.68	1229.36	1229.67	-0.32	1	4	6.3e+02	1	KLGSSEQVINR
✓	707	830.83	829.83	830.40	-0.58	0	4	6.9e+02	1	HSGIDFR
✓	1842	705.16	1408.31	1408.71	-0.40	1	4	3.1e+02	1	CGGFLARVCLGTR + Carbamidomethyl (C)
✓	69	471.91	1412.71	1412.69	0.02	0	4	3.9e+02	1	DFVNSIISFESR
✓	468	715.51	2143.52	2143.11	0.41	1	4	7.5e+02	1	QRLFVCLAPESQPELAASK + Carbamidomethyl (C)
✓	1302	1045.70	1044.69	1044.53	0.16	1	4	2.2e+02	1	AESNERAIR
✓	513	734.86	2201.55	2202.11	-0.55	1	4	9e+02	1	EQQEVVRSCALGGSVNASQIK
✓	993	938.04	937.03	937.48	-0.45	0	4	3.5e+02	1	VFLDTESK
✓	1379	1075.51	1074.50	1074.55	-0.05	1	4	2.3e+02	1	AKLVDGVDCR
✓	1477	1111.73	3332.16	3331.60	0.56	1	4	7e+02	1	GHKQCVELLQEEAGLCNIMGGTALMAAASK + 2 Carbamidomethyl (C); 2 Oxidation
✓	1826	1364.03	4089.06	4088.96	0.10	2	4	5.5e+02	1	SNMSRHLFYSAVLLLLVMMCCACEAALAEKSTDPK + Oxidation (M)
✓	1671	1201.60	3601.78	3601.86	-0.07	2	4	5.3e+02	1	IAPVSETSLSTMSRAHVAMPQAVAADGVRQRPPR + Oxidation (M)
✓	411	681.58	1361.15	1360.67	0.48	1	4	7.6e+02	1	FNEPITEAERR
✓	857	893.80	892.79	892.47	0.33	0	4	6.1e+02	1	SPSSIFQK
✓	954	930.02	929.01	929.51	-0.50	0	4	4.7e+02	1	CVITGRPK + Carbamidomethyl (C)
✓	2369	863.54	2587.60	2587.25	0.35	1	4	2e+02	1	MRLTCYECLAMGNAVGMIEVLR + Oxidation (M)
✓	242	595.47	1783.38	1783.03	0.35	1	4	6.7e+02	1	EQAILTGSAKVLCIPLK
✓	1018	946.30	2835.87	2835.51	0.36	2	4	8.2e+02	1	VNKIISDSEQSSPDKPGTPIQLAQRK
✓	1653	1189.39	2376.76	2376.24	0.52	1	4	6.6e+02	1	HIETATVRVHEIPVEFCALR + Carbamidomethyl (C)
✓	393	671.38	1340.74	1340.71	0.03	1	4	5.4e+02	1	CVCIVAHLEKAR
✓	1009	942.89	2825.66	2825.41	0.25	2	4	6.1e+02	1	NSQLIVHLQNCFPKDDSDNLKK + Carbamidomethyl (C)
✓	1034	951.17	1900.32	1899.93	0.39	1	4	6.9e+02	1	LVNGLAMAEMARDPEQR
✓	1175	998.33	1994.65	1994.89	-0.24	0	4	7.3e+02	1	GGEGEVIAPPCTGACSLFCK + Carbamidomethyl (C)
✓	574	772.11	2313.30	2313.06	0.25	0	4	7.9e+02	1	YAMIYTPMYPCGSIGTLVCAK + 2 Oxidation (M)
✓	1338	1059.85	2117.69	2117.98	-0.29	1	4	6.6e+02	1	REEEIENNEMEIIDDIK
✓	1788	433.77	1298.29	1298.53	-0.25	0	4	3e+02	1	CSEEVLCQMK + 2 Carbamidomethyl (C); Oxidation (M)
✓	2404	920.15	2757.43	2757.45	-0.01	2	4	1.7e+02	1	ELSPQFKFNNLISFYKSIGELQR
✓	1859	722.97	1443.92	1443.82	0.10	1	4	2e+02	1	STLPIINDIRFR
✓	888	905.08	1808.15	1807.97	0.18	2	4	7.2e+02	1	RDSVLCHGLIPVRMR + Carbamidomethyl (C)

✓	890	905.18	2712.51	2712.51	-0.00	1	4	7.4e+02	1	FAEALLCIPKILATNASLDAIDLVAK
✓	1527	1128.33	2254.64	2254.11	0.52	1	4	7.2e+02	1	LLVDLSRGSEHSDQYPWPR
✓	338	643.43	1927.28	1926.98	0.30	0	4	6.5e+02	1	GVTSFTVYGLVPAADFQR
✓	611	787.83	2360.45	2359.97	0.48	1	4	7.4e+02	1	ETSVSFQPSVDASDTGDDSRSCA
✓	1349	1061.95	3182.84	3182.63	0.22	0	4	7e+02	1	FFLT DYAF LFYS LLLMGPFI LGMYR + 2 Oxidation (M)
✓	1624	1173.18	3516.51	3516.72	-0.22	2	4	7.3e+02	1	CDLDG DVT VEMPALPEQRWVHVVTSHARGK + Carbamidomethyl (C); Oxidation (M)
✓	1449	1098.98	3293.93	3293.48	0.45	1	4	6.8e+02	1	FWHNLACFAQNNFNFSNSRELCEEVFK
✓	907	913.58	912.57	912.47	0.10	1	4	1.8e+02	1	VNFKDYK
✓	1617	1171.08	3510.22	3510.65	-0.43	2	4	7.9e+02	1	YQMFEVVDKKGKQIPELNDCCFIYALQK + Carbamidomethyl (C); Oxidation (M)
✓	343	645.17	1932.49	1932.19	0.30	2	4	9e+02	1	LQILNLAVKLGLEPQK
✓	475	718.29	1434.57	1434.74	-0.17	2	4	7e+02	1	DVVAMAGAMVRRK + 2 Oxidation (M)
✓	633	798.14	2391.40	2391.08	0.31	1	4	7e+02	1	SGMMRTGVLETYPYDQNELR + 2 Oxidation (M)
✓	1097	973.93	2918.76	2919.25	-0.49	2	4	8e+02	1	QAGASRIVMNCPEMDVKAMCTWMK + Carbamidomethyl (C); 3 Oxidation (M)
✓	414	683.04	1364.06	1363.66	0.40	1	4	5.9e+02	1	AVMQRD LQEMK + Oxidation (M)
✓	803	873.14	872.13	872.39	-0.25	0	4	3.4e+02	1	YGFECVR
✓	1641	592.60	1183.19	1182.70	0.49	1	4	3.2e+02	1	YLVYAVTKVK
✓	1236	1020.49	3058.44	3058.59	-0.15	2	4	6e+02	1	HLAAIGAAQERLLTCDFLHRYTTLR
✓	460	709.44	708.43	708.33	0.10	0	4	6.3e+02	1	VSLFDE
✓	635	799.19	2394.54	2394.24	0.30	2	4	8.3e+02	1	HAETKHLDMVTAQILQMKK + 2 Oxidation (M)
✓	1432	1093.98	3278.93	3278.83	0.10	0	4	7.1e+02	1	LFANLSGPPAQEVALPYALAASLVILAAAATQK
✓	2346	1241.82	2481.63	2482.19	-0.56	1	4	2.8e+02	1	WGASRPSGDWASRGGA VAAAAYR
✓	1238	1021.20	3060.58	3060.47	0.11	2	4	6.9e+02	1	RMAALQSTKGSSGGEGRPEPGADGELYR
✓	2234	716.80	2147.37	2146.99	0.37	0	4	2.1e+02	1	DYIEADNLFSTFEVEDIK
✓	711	832.09	1662.16	1661.71	0.45	0	4	8.3e+02	1	CAGGNAQPIPCSSTDK + 2 Carbamidomethyl (C)
✓	2321	795.09	2382.25	2382.23	0.02	1	4	1.9e+02	1	AAPAPSALPLSPPSSTYASAQSRR
✓	2442	977.41	2929.22	2929.51	-0.29	1	4	1.6e+02	1	AVATCVQAGTAVTSAKCSGLGAPAVSLQVR + 2 Carbamidomethyl (C)
✓	189	560.45	1678.32	1678.88	-0.56	0	3	8e+02	1	QSHSPGVYGH TAVVLK
✓	326	636.54	1271.07	1270.57	0.50	0	3	8.2e+02	1	NLGGSCFPMTTK + Oxidation (M)
✓	925	921.30	2760.88	2760.64	0.24	1	3	7.9e+02	1	VALNVDPKPVIVVLNKL DLLSDALTAK
✓	165	546.47	1636.38	1635.87	0.51	0	3	7.7e+02	1	VDNPGTSARPLVPASR
✓	2203	696.76	2087.27	2087.04	0.22	2	3	2e+02	1	RSGGEHSAISLSRMTEELK
✓	1183	1001.14	2000.26	1999.92	0.34	1	3	7.9e+02	1	SLCPRAGLFCIPQHCQN + 2 Carbamidomethyl (C)
✓	487	723.66	2167.97	2168.19	-0.21	0	3	7.9e+02	1	CEVAATLV LGLLLDPSAGTLR + Carbamidomethyl (C)
✓	1698	609.82	1217.62	1217.69	-0.07	0	3	2.4e+02	1	LHALHVNVT SK

✓	1821	1358.39	4072.16	4072.06	0.10	2	3	6.4e+02	1	DANSRLTPTQLSIIALGVAYGMQYLHSQNMVHRDLK + 2 Oxidation (M)
✓	804	873.36	2617.06	2617.31	-0.24	0	3	7.2e+02	1	ETLPVMAAAVTDGCNTVALLLESER + Carbamidomethyl (C)
✓	1770	640.36	1278.71	1278.62	0.09	1	3	2.3e+02	1	QYKLNDEDVR
✓	2215	703.37	2107.09	2107.22	-0.12	1	3	2.1e+02	1	AALSLEPAANKLFGGPLLAVR
✓	1686	607.33	1212.64	1212.54	0.11	0	3	2.1e+02	1	MTGSMDSLVEK + Oxidation (M)
✓	2096	924.46	1846.91	1846.98	-0.07	2	3	2.4e+02	1	KLTNDTELIPFDKWK
✓	2302	1172.17	2342.33	2342.20	0.13	2	3	2.4e+02	1	EAIRCIERSESVLVSHTSAGK
✓	1247	1024.38	3070.11	3069.58	0.53	1	3	6.8e+02	1	ITHVINCCLESQSPKYGVNLAACLLK + 2 Carbamidomethyl (C)
✓	2360	849.06	2544.16	2544.28	-0.12	2	3	2e+02	1	TQVSSPKQEMKWQLPPQYDR
✓	1152	991.58	2971.71	2971.39	0.32	2	3	6.4e+02	1	TAHVSVMKETSASDNASTGGPSVEQCPR + Carbamidomethyl (C)
✓	1287	520.85	1039.68	1039.52	0.17	0	3	2.1e+02	1	SLAGASGQHR
✓	280	613.71	1838.09	1838.02	0.07	1	3	5e+02	1	LRQTMIIQANSIHVAK + Oxidation (M)
✓	806	437.29	872.56	872.52	0.04	1	3	3.3e+02	1	RGTTAVLR
✓	994	938.22	2811.64	2811.38	0.26	1	3	7.9e+02	1	DNVYGMAYLYSTPLSIEHQWRLR
✓	1441	1097.34	3288.99	3288.40	0.58	2	3	7.4e+02	1	YMCAYRVAKAMSSMPDGNSEIPSEFEMR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1759	635.86	1269.71	1269.60	0.11	0	3	2.3e+02	1	SMVYQEISASR
✓	2121	636.89	1907.64	1907.05	0.60	2	3	2.4e+02	1	KAVACLTYYIKNGPFNR
✓	1907	754.08	1506.14	1505.77	0.36	0	3	3e+02	1	YDSPVGAVGSLLSGGK
✓	370	655.13	1962.37	1961.97	0.40	1	3	8.2e+02	1	IEEQLANNEEKYQINK
✓	1427	1091.67	3272.00	3271.61	0.39	0	3	7.2e+02	1	AAAGQATAAAPEAAQADILIGHTGTGGMTVSTFK + Oxidation (M)
✓	1550	1141.32	3420.94	3420.67	0.27	1	3	8.6e+02	1	VENLQDCPCGNTIGLVGIDQYLVKSGTISDR + 2 Carbamidomethyl (C)
✓	2319	793.39	2377.16	2377.40	-0.24	1	3	1.9e+02	1	VASVALVSAALMLPAPPLSLSKVK + Oxidation (M)
✓	238	591.87	590.86	591.31	-0.45	0	3	3.9e+02	1	ASLACK
✓	1544	1137.73	3410.18	3409.64	0.54	1	3	7.1e+02	1	FYLYAWHLQTSVIRTDIMQNAYFNQCK + Carbamidomethyl (C)
✓	1911	755.45	1508.88	1508.81	0.07	1	3	2.3e+02	1	MEHVEGLLQKGIR
✓	672	816.15	1630.29	1630.82	-0.52	2	3	9.3e+02	1	QALEEVEAKKSEDR
✓	706	829.87	828.86	828.42	0.44	0	3	9.1e+02	1	QQQAGVNR
✓	1819	1357.05	2712.08	2712.24	-0.16	1	3	5.9e+02	1	DYMCVDDGAIKNGEATELLLASDR + Carbamidomethyl (C)
✓	2385	890.28	2667.82	2667.40	0.42	1	3	3.1e+02	1	QQRLTVALVSSFEPHDSLSLR
✓	153	534.32	1066.62	1066.54	0.08	0	3	5.2e+02	1	AEELLAHER
✓	374	655.84	1309.67	1309.60	0.07	0	3	8.8e+02	1	CPTEEFVSGVSR
✓	1899	498.99	1493.94	1493.66	0.28	0	3	2.2e+02	1	ICCASLSEAQQER + Carbamidomethyl (C)
✓	461	710.22	2127.64	2128.09	-0.44	1	3	8.3e+02	1	EQFVTLYGKYDPLWELK
✓	598	784.04	2349.10	2349.11	-0.01	2	3	6.5e+02	1	YLENRMSTGKVLLYCNCSTAN + Carbamidomethyl (C); Oxidation (M)

✓	486	723.52	2167.54	2167.23	0.31	2	3	8.6e+02	1	CVLPGAEVGIVPTRPKKFTR
✓	766	855.58	2563.71	2564.29	-0.58	2	3	8.2e+02	1	YKALLKCGFYALDCGSFVSPR + 2 Carbamidomethyl (C)
✓	1530	1129.51	1128.50	1128.52	-0.02	1	3	6.4e+02	1	GYSKELCSSR
✓	1006	941.04	940.03	939.46	0.57	1	3	3.3e+02	1	LSMPERHA
✓	2195	1033.76	2065.50	2065.86	-0.36	0	3	3.8e+02	1	NGHQLPQSQSCHCHYDR + Carbamidomethyl (C)
✓	702	828.77	2483.30	2483.13	0.17	1	3	7e+02	1	LSSLREMMAMNQTYTPYLR + 3 Oxidation (M)
✓	978	933.77	932.76	932.45	0.32	0	3	2.6e+02	1	EEGATIDAK
✓	1219	1014.28	2026.54	2027.01	-0.47	0	3	8.8e+02	1	APPAASPAYGSPTIGNSVTGR
✓	1211	1012.44	3034.31	3034.71	-0.40	2	3	5.9e+02	1	EIAKVLIAHGAVNAQKLMGEVPLHLAAK
✓	172	551.48	1100.95	1100.67	0.28	2	3	7.8e+02	1	VEKTLTRVR
✓	553	758.95	1515.89	1515.88	0.01	2	3	1.1e+03	1	LIGRMEKPSTKIK + Oxidation (M)
✓	275	610.87	1219.73	1219.69	0.03	2	3	7.8e+02	1	YNKLKPKSDK
✓	664	814.64	2440.91	2441.15	-0.24	0	3	8.5e+02	1	ICYNNSSEPVMQTLLEELSSK + Carbamidomethyl (C)
✓	1243	1023.12	1022.11	1021.53	0.58	2	3	7.3e+02	1	SSCVKSRQK
✓	84	486.29	970.57	970.49	0.08	0	3	4.6e+02	1	MAATPQPQK
✓	1305	1046.27	1045.26	1045.53	-0.27	1	3	8.3e+02	1	ELEESPKSK
✓	2376	875.87	2624.60	2624.21	0.39	1	3	2.1e+02	1	ETMAEAAEYVFGVHEGTVDQKADK
✓	591	781.05	2340.14	2340.23	-0.09	2	3	7.3e+02	1	TALRLYTESLERHPNNVTAR
✓	1606	584.38	1166.75	1166.48	0.27	0	3	2.3e+02	1	MAEPMSWGSR + Oxidation (M)
✓	290	619.64	1855.91	1855.88	0.03	1	3	7.6e+02	1	LKESHATFNMSFDTTK
✓	482	721.00	1440.00	1439.78	0.21	2	3	7.6e+02	1	KSPQEDRPRSLK
✓	1672	601.38	1200.76	1200.63	0.13	0	3	2.6e+02	1	AQALQDLCLAR
✓	592	782.18	2343.53	2344.08	-0.55	1	3	8.8e+02	1	AATEQAASRYCQLFSGDELER
✓	1697	1217.92	2433.83	2433.39	0.44	2	3	7.1e+02	1	VAIYVQGFELPKTETKGTVLLK
✓	305	627.24	1878.70	1878.98	-0.29	2	3	6.4e+02	1	QATTRVTLNVFGTTCR + Carbamidomethyl (C)
✓	70	472.27	942.53	942.44	0.09	0	3	4.9e+02	1	MVCPAPPR + Carbamidomethyl (C); Oxidation (M)
✓	2099	617.90	1850.67	1850.97	-0.30	1	3	2.8e+02	1	FLHPYRSAEIFLSSGK
✓	233	588.38	587.37	587.30	0.07	0	3	2.9e+02	1	AAEAAR
✓	663	813.76	812.76	813.33	-0.57	0	3	6.9e+02	1	TYECNK + Carbamidomethyl (C)
✓	557	762.98	2285.92	2285.92	-0.00	0	3	1e+03	1	CCTLPDDSTENDVGSVSATCR + 2 Carbamidomethyl (C)
✓	619	792.84	791.83	791.38	0.45	0	3	4.7e+02	1	QGTSPFGV
✓	2351	835.26	2502.77	2502.24	0.54	1	3	3.8e+02	1	QDSYIHILTSQNDQLTEQNKK
✓	439	698.14	2091.40	2091.10	0.30	2	3	8.8e+02	1	ARIQYEWVCLERIASR
✓	1615	1170.56	3508.65	3508.72	-0.07	2	3	6.2e+02	1	RGDATEHSGAGSGGNICFFLAAAEKVSLVPFLK + Carbamidomethyl (C)

✓	678	820.30	2457.89	2458.22	-0.33	2	3	8.2e+02	1	ESKLFGIFEPEYVAKDIMNGR + Oxidation (M)
✓	1431	1093.36	2184.70	2185.08	-0.38	0	3	8.2e+02	1	QQGGVPLLECSAAFNPIDAQK
✓	798	871.70	2612.09	2612.32	-0.23	1	3	8.8e+02	1	ATVIAHDLAMSVGVCMDPLLTRAGR + Oxidation (M)
✓	120	514.96	1027.90	1027.58	0.32	1	3	5.8e+02	1	EVEVLQRR
✓	1376	1072.27	2142.52	2143.01	-0.50	1	3	8.5e+02	1	EKMAEVEGYSAALAEFVDGK
✓	613	789.89	2366.64	2366.08	0.56	0	3	1.2e+03	1	SSGALAAEDANVMVGVADCTQSR + Oxidation (M)
✓	695	825.98	824.97	825.41	-0.44	0	3	7.9e+02	1	EAHNSIR
✓	2042	575.60	1723.78	1723.80	-0.02	1	3	2.3e+02	1	SCKGDVCVGGGTTNIWK
✓	2466	1048.02	3141.04	3141.33	-0.29	0	3	2.9e+02	1	SSTEPLSEICHFSGQPQTFTEDNADNCK + Carbamidomethyl (C)
✓	122	515.42	1543.23	1542.88	0.35	0	3	7.8e+02	1	TLLPLDITQFLNR
✓	1334	1058.33	3171.97	3172.51	-0.55	0	3	8.8e+02	1	QQGTMQGTVVGMQLQYPWVQGGCTAVQYVK + Oxidation (M)
✓	2481	1073.49	3217.45	3217.62	-0.17	1	3	1.7e+02	1	DFGAILNQYSYNLHPGDIIAGTVFHKEAK
✓	1483	1114.84	2227.66	2228.20	-0.54	2	3	8e+02	1	EVTQPLSRFLPADAVCNKLL
✓	835	882.94	881.93	881.52	0.42	2	3	4.1e+02	1	KGVHKASR
✓	636	799.52	798.51	798.36	0.15	0	3	8.1e+02	1	CIGSEYK
✓	1768	1278.61	2555.20	2555.29	-0.10	1	3	6.2e+02	1	DVVPWYMIGMRTVHHLDLAFR
✓	2140	971.01	1940.01	1940.04	-0.04	1	3	2.3e+02	1	LIVFYSPRLDENVTK
✓	254	300.29	598.56	598.37	0.19	0	3	1e+02	1	IIEPK
✓	1784	1294.48	3880.42	3879.87	0.54	0	3	7.4e+02	1	LFGWMILLCECIISYSVLEEDVLDSPDLGLFLCK + Oxidation (M)
✓	2407	924.81	2771.40	2771.45	-0.05	1	3	2.1e+02	1	RQLTLPRPGSAPVPLCHACAICVAK + 2 Carbamidomethyl (C)
✓	1423	1089.27	3264.78	3264.65	0.13	2	3	8.6e+02	1	YISDLEDSEYNSKAIKMKPIIFSQQQR
✓	712	832.61	2494.80	2495.29	-0.49	1	3	1.1e+03	1	GVVTSATPAPARQPQTGPPVHDQ GK
✓	894	907.00	2717.98	2718.37	-0.38	2	3	1.1e+03	1	LPDMGSSDIQVSMNRESTILEIKR
✓	696	827.36	1652.71	1652.78	-0.07	1	3	7e+02	1	AEDHNDEGAALAQK GK
✓	740	843.74	2528.20	2528.31	-0.11	1	3	9.1e+02	1	FSNVKPKASGSSVSFYFTTHIFK
✓	763	855.00	853.99	853.41	0.58	0	3	4e+02	1	CTVVGGYR
✓	2274	752.51	2254.50	2254.08	0.42	2	3	3.6e+02	1	YKVHDEMNECKGDYILIK + Carbamidomethyl (C)
✓	215	576.39	1726.16	1725.99	0.17	2	3	7.6e+02	1	EIEELKNIIQKLEK
✓	556	762.70	761.70	761.37	0.32	0	3	9.3e+02	1	AYFFSK
✓	658	810.94	2429.79	2429.24	0.55	1	3	1.1e+03	1	GITSLMYCAEVGNSTMAKLLLSK
✓	856	893.68	2678.02	2678.25	-0.23	1	3	9.3e+02	1	LLNDETDWWGVLDQNLVMCRK + Oxidation (M)
✓	1192	1004.17	2006.33	2006.01	0.32	2	3	8.5e+02	1	HLCahrVAETIEERQSK
✓	1206	1008.90	2015.78	2015.92	-0.14	1	3	9.2e+02	1	YVDEHGRCPI TGDP LCK + 2 Carbamidomethyl (C)
✓	2327	803.89	2408.66	2408.31	0.35	2	3	3.9e+02	1	RNCISGSRNGPAIAALAE L IVAR + Carbamidomethyl (C)

✓	2499	1208.89	3623.66	3623.64	0.02	2	3	1.8e+02	1	QCSGYLRGASVEISSMDQMDPAIDAYERCK + Carbamidomethyl (C); 2 Oxidation (M)
✓	905	913.41	1824.81	1824.94	-0.13	0	3	6.6e+02	1	SVPTPPQVASAMITASPR + Oxidation (M)
✓	246	597.33	1788.97	1788.85	0.12	1	3	6.7e+02	1	QQDAQTEVPGTKSDGTK
✓	732	842.10	841.09	841.41	-0.32	1	3	7.9e+02	1	WRGMHR
✓	1516	1125.50	2248.99	2249.13	-0.14	2	3	6.7e+02	1	VHSYVAMVDLAGCERVKQTK + Oxidation (M)
✓	1761	636.97	1271.93	1271.65	0.29	1	3	2.7e+02	1	DKEGSPGGGSLLR
✓	1546	1138.92	3413.75	3413.75	0.00	2	3	7.2e+02	1	YATDTVQSFLFSNSTDLLQHLRQFRSAR
✓	2328	804.91	2411.70	2411.16	0.54	0	3	3.9e+02	1	DPQTLSTVLACTLQCLAGFMQR + Oxidation (M)
✓	313	630.78	629.77	630.34	-0.58	1	3	1.3e+03	1	AAGERK
✓	963	931.86	2792.55	2792.37	0.17	2	3	8.2e+02	1	RPEGNMALYNAAATGQLLRRCMQAR + Carbamidomethyl (C); Oxidation (M)
✓	1702	1221.79	2441.57	2442.10	-0.53	0	3	8.2e+02	1	AFPDLVGETVVDSENCAMMER + Carbamidomethyl (C)
✓	2386	890.64	2668.90	2668.39	0.51	2	3	3.1e+02	1	GRTVDFKNTVVIMTSNLGSEIMK + Oxidation (M)
✓	2460	1024.57	3070.68	3070.64	0.04	2	3	2e+02	1	MTKSLTKQLHQYSATAVTQLPHVFVAR + Oxidation (M)
✓	180	555.54	1109.06	1109.60	-0.54	0	3	8e+02	1	YLETSSVLAK
✓	1567	1149.04	3444.11	3443.66	0.45	1	3	1e+03	1	GVAEFIAATGTFDDVCAPGERGYSDVSLAVEGLK
✓	2371	868.63	2602.87	2603.11	-0.24	2	3	3.4e+02	1	MWSWMMMARLGGGEAEQAGRER + 4 Oxidation (M)
✓	538	748.33	2241.97	2242.19	-0.21	1	3	8.2e+02	1	ANAGFTVALNKLHLSPAERY
✓	530	743.21	2226.59	2226.91	-0.32	1	3	1e+03	1	CGPSCTSGIMTESDSPCRSPR + Carbamidomethyl (C)
✓	676	817.34	2449.00	2449.36	-0.36	2	3	8.6e+02	1	RVGPCALVLLLLVVRCAAGCPGR + 2 Carbamidomethyl (C)
✓	1664	599.77	1197.52	1197.60	-0.08	1	3	2.5e+02	1	FSKSVAGSSSNK
✓	2410	925.09	2772.24	2772.35	-0.11	1	3	2.2e+02	1	DKFNSIFGMLMEVNDHAAAQIIHR + Oxidation (M)
✓	236	591.27	590.27	590.25	0.01	0	3	7.2e+02	1	DDVDK
✓	1525	1127.71	3380.10	3379.58	0.52	0	3	8.2e+02	1	MFQLIPLFVASALMAACQPDGNHTATCAQNK + Carbamidomethyl (C); 2 Oxidation (M)
✓	1953	525.76	1574.25	1574.67	-0.42	0	3	4.7e+02	1	AWSGNACGHEAMLR + Carbamidomethyl (C); Oxidation (M)
✓	2444	980.80	2939.39	2939.44	-0.05	1	3	2.2e+02	1	EIYVPDSVIHIGESCFNSCTKLTSIK + Carbamidomethyl (C)
✓	1598	1163.23	2324.45	2324.14	0.32	2	3	8e+02	1	TSTGRTALMIAARYGHTDVCK + Carbamidomethyl (C); Oxidation (M)
✓	1661	1195.00	3581.97	3581.58	0.39	1	3	7.9e+02	1	VDMSPRETDYFHYYLLEAATHMGDEDSFVK + Oxidation (M)
✓	2383	884.91	2651.72	2651.41	0.31	2	3	3.3e+02	1	GIALRVFHFVAMLASKNHAGEEVR
✓	609	787.72	786.71	787.30	-0.59	0	3	3.2e+02	1	HDSGGCR + Carbamidomethyl (C)
✓	723	838.77	2513.29	2513.27	0.02	2	3	8.7e+02	1	STALQEIQIAGATTVAPEPRDMRR + Oxidation (M)
✓	1597	1163.10	3486.29	3486.83	-0.54	1	3	1e+03	1	MQEGVVALMQMANTTSCIESVKQAGIPVIVIK
✓	946	927.77	1853.53	1854.04	-0.51	2	3	8.3e+02	1	AAIIPTRMELQNLKEK
✓	928	921.79	1841.56	1841.92	-0.36	2	3	8.6e+02	1	VREEATAPSPAMQQRR + Oxidation (M)
✓	1607	1169.18	1168.18	1167.64	0.54	1	3	4.1e+02	1	KYLFITNNR

✓	1744	627.42	1252.83	1252.56	0.27	0	3	3e+02	1	LYGPDGSSEGS GK
✓	90	492.15	982.29	982.52	-0.23	0	2	6e+02	1	FVSAAVAYR
✓	745	846.97	2537.89	2538.34	-0.44	2	2	1.3e+03	1	IIGFGAYGTVCSAVANRSGERVAIK
✓	116	512.64	1534.91	1534.79	0.12	1	2	5.2e+02	1	GQPVS AALDEHQKR
✓	368	654.56	653.55	653.39	0.17	0	2	9.8e+02	1	IIGHSK
✓	1590	1160.80	3479.38	3478.83	0.55	2	2	9e+02	1	SSAQAE LDAIAPLIAEAANSVQNIKKSNLDEIR
✓	1381	1076.38	3226.12	3225.52	0.60	1	2	9.7e+02	1	AKSFTATAASSPAVYGG AIDSLNDGDSGAANPR
✓	1396	1080.88	2159.74	2160.01	-0.27	1	2	7.8e+02	1	DSAGMTSFELACSLGKTESVK
✓	350	646.82	1937.44	1937.95	-0.51	1	2	1.5e+03	1	QLGAEAAATATPHACQRT R + Carbamidomethyl (C)
✓	1217	1014.08	1013.07	1012.58	0.50	1	2	9.7e+02	1	EQQLRALR
✓	1425	1090.52	2179.02	2179.25	-0.23	1	2	7.7e+02	1	IIPATHTLFAKQNGSVILTR
✓	1098	974.16	973.15	973.52	-0.37	1	2	9.4e+02	1	DNSILREK
✓	1242	1022.84	1021.84	1022.42	-0.59	0	2	7.9e+02	1	CTDDEEALK
✓	410	681.37	680.36	680.24	0.12	0	2	2e+02	1	CGEGCGR
✓	883	903.58	902.58	902.53	0.05	1	2	9.6e+02	1	DVMKIAVK
✓	2148	979.16	1956.31	1956.85	-0.55	2	2	3.1e+02	1	ECSKCGKQCITCLNEK + 3 Carbamidomethyl (C)
✓	531	743.58	2227.72	2227.15	0.58	1	2	1e+03	1	GWYVHRLLVNAVGMWASPR + Oxidation (M)
✓	1168	995.05	1988.08	1988.06	0.02	0	2	1.1e+03	1	YVLLC LGLVASQCLPPSR + Carbamidomethyl (C)
✓	1642	1184.35	3550.03	3549.91	0.12	1	2	9.3e+02	1	GVPLALQTELGLDRHSTANILSELSTLSINMK + Oxidation (M)
✓	1667	1199.77	2397.52	2397.28	0.24	1	2	9.1e+02	1	DVDVVVIGEGVDA AAVVSTLKDR
✓	1966	537.78	1610.33	1609.79	0.54	2	2	4.9e+02	1	GDTV RK FVESDMAR
✓	167	546.57	1636.68	1636.71	-0.03	1	2	9.8e+02	1	SDAPACSCCNKVLR + 3 Carbamidomethyl (C)
✓	316	632.07	1893.19	1892.83	0.36	0	2	1.3e+03	1	MGDDISYYSGGAVVGMAGK + Oxidation (M)
✓	603	785.62	2353.83	2354.10	-0.27	1	2	9.7e+02	1	TPGISSSQCTIGTSDCRSSVVR + 2 Carbamidomethyl (C)
✓	746	847.15	846.14	846.39	-0.25	0	2	3.5e+02	1	TCGPLQTAG
✓	1372	1068.93	3203.77	3203.54	0.24	1	2	8e+02	1	CMRGIYHN VAPNEIPPMYDPKPQQVYK + Oxidation (M)
✓	1736	1245.52	3733.53	3734.04	-0.51	2	2	7.5e+02	1	KLVPSMISLTELATEVAVAVVRGEVLPIDFGHATR + Oxidation (M)
✓	1504	1120.45	3358.34	3358.76	-0.42	2	2	7.8e+02	1	RLFYLSNTVTQCCVAMGAALLELLPYKLR + Carbamidomethyl (C); Oxidation (M)
✓	955	930.29	2787.86	2787.35	0.50	0	2	1.1e+03	1	YITQLSLSNCVMTDIPDPVFCSTIK
✓	2192	687.43	2059.28	2059.12	0.16	1	2	2.9e+02	1	KTTPTS LGNIYDIPAVIEK
✓	2310	786.07	2355.19	2355.22	-0.04	2	2	2.7e+02	1	TINAKEAIQNPNSIFNYYKK
✓	1330	1057.08	3168.22	3168.54	-0.31	0	2	1.1e+03	1	EPTFSMGDDTLPILSEKPHLIYDYFK + Oxidation (M)
✓	2013	841.81	1681.60	1681.81	-0.21	0	2	2.7e+02	1	LHGAGVGPAGWMTAWR + Oxidation (M)
✓	2019	564.93	1691.77	1691.87	-0.10	1	2	3.2e+02	1	SVQPLVSEDQYAKTK

✓	1088	971.31	2910.90	2911.40	-0.50	2	2	1e+03	1	VCENVANFIMVSSNAVPMKLESSDRR + Oxidation (M)
✓	1620	1171.47	3511.39	3511.55	-0.16	0	2	8.5e+02	1	VVFDDSNAMNSADSQLLCPPSLPSRPGSGEMR + Carbamidomethyl (C); 2 Oxidation (M)
✓	449	705.16	1408.31	1408.72	-0.41	1	2	1.2e+03	1	GFLNGELSMWKK
✓	1246	1024.09	3069.26	3069.54	-0.29	0	2	9.5e+02	1	GVQLVETQMGFPVEELQAICCSHGLIIR
✓	1681	1209.97	2417.92	2418.23	-0.31	2	2	7.6e+02	1	LYVAATCPFCHRVEIVAREK + 2 Carbamidomethyl (C)
✓	322	635.83	634.83	635.26	-0.43	0	2	5.6e+02	1	ACEEK + Carbamidomethyl (C)
✓	1280	1038.29	2074.56	2074.87	-0.31	1	2	1e+03	1	GNIPYCDVYECEKENGRR
✓	1625	1173.48	3517.43	3517.94	-0.51	2	2	8e+02	1	VLVVAEMHNGKVPATLAAGTAGMKVGPVTALVAGK + 2 Oxidation (M)
✓	1886	739.05	1476.08	1475.70	0.38	1	2	3.4e+02	1	CPMRVEGVNTSAR + Carbamidomethyl (C)
✓	359	650.04	1947.09	1946.91	0.17	2	2	1e+03	1	DYEMKMETELYRVPK + Oxidation (M)
✓	1408	1085.17	3252.49	3252.55	-0.06	2	2	9.8e+02	1	MIVCCSRARFAMVMIGNDGLLEQSTHWK + Carbamidomethyl (C)
✓	1867	485.05	1452.12	1451.65	0.47	0	2	4.2e+02	1	MANNTIAALSCDR + Carbamidomethyl (C); Oxidation (M)
✓	2300	1168.35	2334.69	2335.22	-0.53	2	2	4.2e+02	1	TVSGVEVTELLRSLMERLCK + Carbamidomethyl (C); Oxidation (M)
✓	2475	1060.55	3178.63	3178.64	-0.02	2	2	2.1e+02	1	EGRKTDCTLYTTFAAVGLSNGTLLLHNVGK
✓	1176	998.40	1994.78	1994.99	-0.22	1	2	8.5e+02	1	EQEYINGEAIKAINFEK
✓	1725	1239.15	3714.42	3714.78	-0.37	1	2	9.9e+02	1	RNAQLLTLMGTPKPGGVTPDAATSTATTEMAASSR + 2 Oxidation (M)
✓	2364	853.36	2557.07	2557.43	-0.37	1	2	2.5e+02	1	SQVQVAANVVKNRPLLPSSAPPK
✓	1541	1136.90	3407.67	3407.31	0.35	2	2	8.7e+02	1	GCLRCKSGYYLEDGECWECQGEWECSSK + Carbamidomethyl (C)
✓	1592	1161.67	2321.33	2321.01	0.32	2	2	8.1e+02	1	MLWKVHREMDCGQDSGNQR + 2 Oxidation (M)
✓	1916	758.46	1514.91	1514.88	0.03	1	2	3.1e+02	1	IIPAPKIYSSSAIR
✓	151	533.95	1065.89	1065.46	0.43	0	2	6.7e+02	1	SASDESSEVR
✓	255	599.85	1796.53	1795.98	0.55	1	2	9.6e+02	1	VDKSTIHEVVLVGGSTR
✓	2186	685.17	2052.49	2051.93	0.56	1	2	5e+02	1	NMLTKETTCAVCGDVPGEK + Carbamidomethyl (C)
✓	2392	895.98	2684.92	2685.16	-0.24	2	2	3.7e+02	1	FCYTCQQYKPDDAHHCRCRR + Carbamidomethyl (C)
✓	244	596.07	1190.13	1189.65	0.48	2	2	9.8e+02	1	SKKILQACDK + Carbamidomethyl (C)
✓	240	592.01	591.00	591.29	-0.29	0	2	2.5e+02	1	STAADK
✓	862	895.95	894.94	895.45	-0.51	0	2	1.2e+03	1	VIEHNER
✓	2400	908.33	2721.97	2721.42	0.56	1	2	3.4e+02	1	GNKLTSVIFECNNSVVFKPINDK + Carbamidomethyl (C)
✓	671	815.99	814.99	814.47	0.52	1	2	6.3e+02	1	GLPTSGRK
✓	2432	967.78	2900.33	2900.32	0.01	1	2	2.3e+02	1	CIKCKPSYGVVNGTCAQPIEHCMYK
✓	444	700.23	2097.67	2097.16	0.51	2	2	9.4e+02	1	MKLGINITITDPNKAIAIR
✓	1623	586.90	1171.79	1171.66	0.13	1	2	3.3e+02	1	NIMEIPSIKK
✓	1729	1241.02	3720.04	3719.72	0.32	1	2	9e+02	1	SAMSIAQSAVACELMSQPPPCVFLHVDDAAKCR + 2 Carbamidomethyl (C); 2 Oxidation (M)
✓	2076	906.68	1811.35	1811.92	-0.57	2	2	4.6e+02	1	KEEVCALRPEEKEPR

✓	2441	976.47	2926.38	2926.33	0.05	0	2	2.4e+02	1	IFISTFGIMSMAYDCHCNIFQSLR + 2 Carbamidomethyl (C); Oxidation (M)
✓	471	717.85	716.84	716.37	0.47	0	2	7.9e+02	1	GSSEIPK
✓	839	884.99	883.98	884.44	-0.46	1	2	4.5e+02	1	ARATHCAR
✓	844	888.04	887.03	887.50	-0.46	0	2	1.3e+03	1	ATVDELLK
✓	919	917.00	915.99	915.50	0.50	1	2	1.4e+03	1	AMKNPSLR
✓	1511	1124.55	3370.63	3370.44	0.20	1	2	7.8e+02	1	KCTLCQNITDSVAIGDCGHSFICCFCSFK + 4 Carbamidomethyl (C)
✓	1633	1179.46	2356.90	2357.13	-0.23	2	2	8.6e+02	1	LMNAQALRDNTMSQYMQAKK + Oxidation (M)
✓	717	834.58	2500.72	2501.30	-0.58	2	2	1.1e+03	1	SDISLSGHSKRQAPLPIPADAAADR
✓	579	773.97	772.96	773.39	-0.43	0	2	7.8e+02	1	FFAYAR
✓	1224	1015.48	3043.41	3043.48	-0.07	2	2	8.8e+02	1	LGMCLMPGAQKSQNAKGGTGVSGLLEMR + Carbamidomethyl (C); Oxidation (M)
✓	1591	1161.32	2320.63	2320.17	0.46	2	2	1e+03	1	SVRRGVMTACGAVGLAGTCWGLR
✓	2339	816.60	2446.79	2447.18	-0.39	0	2	3.8e+02	1	SYVSNPVGSGNTLPGSHLAGGTyr
✓	266	603.87	1808.59	1808.98	-0.39	2	2	1.5e+03	1	SPLSKDVAKVICEVGHK
✓	2256	1107.51	2213.00	2213.09	-0.09	1	2	2.6e+02	1	IAQERDEPIPGFIYDSAHR
✓	687	825.27	2472.79	2472.19	0.60	1	2	9.8e+02	1	DYCSSIKLCRPTASSLSMKPR + 2 Carbamidomethyl (C); Oxidation (M)
✓	964	931.86	2792.56	2792.61	-0.05	1	2	9.4e+02	1	IGIIGVVVCIVAIIVFAVSCYICKK + Carbamidomethyl (C)
✓	2098	924.70	1847.38	1846.96	0.42	0	2	5.5e+02	1	AELIADLNNVFNIVMR + Oxidation (M)
✓	2469	1050.29	3147.83	3147.37	0.47	1	2	2.5e+02	1	HVVAGRSDDCTASMHSVDGSTSCVFSGHQR + 2 Carbamidomethyl (C); Oxidation (M)
✓	583	774.59	2320.74	2320.15	0.59	2	2	1.2e+03	1	YGKSRFTCEITSPTEFVVTR
✓	314	630.83	1889.47	1889.83	-0.35	1	2	1.9e+03	1	GYIIDDEDICQRCYK
✓	796	871.20	2610.58	2610.22	0.36	0	2	1.1e+03	1	VPSLVEMDGEVFAVVEAQTEASK + Carbamidomethyl (C); Oxidation (M)
✓	545	376.60	751.18	751.47	-0.29	1	2	2.7e+02	1	ILKNHK
✓	495	728.29	727.29	727.40	-0.11	0	2	8.4e+02	1	GGAGTPIR
✓	940	925.71	2774.11	2774.16	-0.05	2	2	1e+03	1	DYCFSTCGLMEKSNHMSYNARK + 2 Oxidation (M)
✓	1363	1065.68	3194.02	3193.64	0.37	0	2	9.6e+02	1	CAGIAGVALHPSGTLAVAAVQTGQANHADAPVAR
✓	2462	1032.08	3093.22	3092.76	0.46	2	2	2.4e+02	1	QLQSGSGKLLLLPGGIAGAGPEVQHRQLLR
✓	694	825.78	824.77	824.40	0.38	1	2	2.7e+02	1	CFSNRAK
✓	824	877.67	2629.99	2630.36	-0.37	0	2	1.1e+03	1	LNPCMPVHHFGRPLLLASASPTTR + Oxidation (M)
✓	1048	956.37	2866.09	2866.44	-0.35	1	2	8.9e+02	1	TTAGILQYQGSITISGGCLSPMRGVGSR + Carbamidomethyl (C)
✓	2366	855.90	2564.67	2564.29	0.38	2	2	4.2e+02	1	SVNMGGFKKFGFINNDYLIK + Carbamidomethyl (C)
✓	492	726.80	2177.38	2176.94	0.44	1	2	9.1e+02	1	CVSPSPSSRCASNGACSPTPR + 2 Carbamidomethyl (C)
✓	206	571.30	1140.58	1140.64	-0.07	1	2	7.4e+02	1	MPAPVVTVRR + Oxidation (M)
✓	2200	1040.25	2078.49	2078.94	-0.45	0	2	4.7e+02	1	VVMSSELEQVFMSMYDGK
✓	2465	1043.88	3128.62	3128.68	-0.06	2	2	2.4e+02	1	CTQSKSRIHKPEPMLVEPGPVNQLLLSK

✓	462	710.38	2128.13	2127.99	0.14	1	2	9e+02	1	TSNLATGSEETMFEGRNLR + Oxidation (M)
✓	515	735.90	2204.69	2204.09	0.60	0	2	1.4e+03	1	MLRPFPHNQLLTMTMSGAK + 2 Oxidation (M)
✓	2340	816.83	2447.48	2447.16	0.32	2	2	2.7e+02	1	VRDNMHVALCMSPVGDQFRTR + Oxidation (M)
✓	371	655.50	654.50	654.33	0.16	0	2	1.1e+03	1	DAPQPK
✓	499	729.90	2186.68	2187.12	-0.44	2	2	1.5e+03	1	NETDAEPSPQVVVDYLKRR
✓	2157	993.66	1985.31	1985.86	-0.54	2	2	3.3e+02	1	ITLSNYCRDHKCDMCK + Carbamidomethyl (C)
✓	2194	1032.14	2062.26	2062.04	0.22	1	2	2.9e+02	1	LDTALNIAQTSGLCDKSQK + Carbamidomethyl (C)
✓	910	915.28	2742.81	2743.36	-0.55	1	2	1.2e+03	1	RLMEQLNEGSSSLPSSVLPCSSPLR + Carbamidomethyl (C)
✓	1918	506.63	1516.86	1516.84	0.02	1	2	3.2e+02	1	TLPPHVRGVTDP TK
✓	1413	1086.02	3255.04	3254.91	0.14	1	2	1.1e+03	1	KVVFVPLKPCVEVGIGILIILIFVMISWR + Carbamidomethyl (C); Oxidation (M)
✓	2046	872.14	1742.26	1741.95	0.30	1	2	4.3e+02	1	HYGVSERAILPLIMK + Oxidation (M)
✓	536	746.61	1491.20	1490.87	0.33	1	2	1.4e+03	1	RQQLLLLESHVR
✓	1570	1149.89	2297.78	2298.17	-0.39	2	2	9.1e+02	1	ISSSDMIISRIRSSDMIISR + 2 Oxidation (M)
✓	529	743.20	2226.59	2227.12	-0.53	2	2	1.2e+03	1	RGAGAYNTVVEGNKYVSDVTK
✓	675	817.01	816.00	815.44	0.56	0	2	1.3e+03	1	LLDAQEK
✓	1940	517.70	1550.08	1549.83	0.25	1	2	3.5e+02	1	LISKMVT SQMLR + Oxidation (M)
✓	73	474.59	947.16	947.58	-0.42	0	2	7.5e+02	1	ITAVILYR
✓	829	880.27	2637.79	2637.23	0.56	2	2	1.2e+03	1	SIMSTPCNSERAYDLPSGDLRR + Carbamidomethyl (C); Oxidation (M)
✓	1505	1121.86	3362.56	3362.73	-0.17	1	2	1e+03	1	DAAMCVGDEILASARCIASVVTEWIVSSLLLK
✓	2238	720.34	2158.01	2158.08	-0.07	1	2	3.1e+02	1	LVLGSDSEDQEILDNQKQK
✓	2474	1058.48	3172.42	3172.61	-0.20	1	2	2.2e+02	1	STAAPT VLTGGTPTRADANTGAATLSLACTGVAR
✓	762	854.82	2561.44	2561.12	0.32	2	2	9.7e+02	1	SRANMFHCLACCVREQCSVYK + 2 Carbamidomethyl (C)
✓	903	913.18	2736.52	2736.12	0.41	0	2	1.1e+03	1	NGTGWYFFHCADVDECALNTSACR + Carbamidomethyl (C)
✓	1032	951.04	1900.06	1899.99	0.07	1	2	1.3e+03	1	MQDQIQKLLLMGPGGAGK + Oxidation (M)
✓	2461	1029.15	3084.44	3084.57	-0.13	0	2	2.4e+02	1	LGQHFLTLSESQSLSTIFSEWEGGLHLR
✓	2490	1123.93	3368.76	3368.70	0.07	1	2	2.1e+02	1	EFIQLNPIWSNKF SQFNIFAPVVCWWR
✓	121	515.34	514.33	514.28	0.05	0	2	7e+02	1	DVPGK
✓	1076	965.54	1929.07	1928.97	0.10	2	2	8.9e+02	1	HQPPHRRATGATAASTDR
✓	1579	1153.51	3457.51	3457.86	-0.35	2	2	7.9e+02	1	VLAAMDSGDIVLVRAS TQGIETLSSVRVGLTAGR + Oxidation (M)
✓	1792	1307.73	2613.44	2614.01	-0.57	0	2	8.3e+02	1	SCFCMTEPDVASSDATNMACSISR + Carbamidomethyl (C); 2 Oxidation (M)
✓	433	694.87	2081.57	2082.14	-0.57	1	2	1.5e+03	1	FSLEMSKIPSILLSIFNK + Oxidation (M)
✓	1616	1170.98	3509.92	3509.69	0.23	1	2	8.8e+02	1	YESGVIPYANMGYWD PDYVVKETDVLALFR
✓	1722	1238.29	2474.57	2474.29	0.28	2	2	8.4e+02	1	HMEQLKWRLAAHLTDEELVR
✓	2214	702.91	2105.71	2105.96	-0.25	1	2	3.6e+02	1	FEYLISCEEKGITSECAK + Carbamidomethyl (C)

✓	2471	1053.93	3158.78	3158.50	0.27	1	2	2.4e+02	1	ETVTAGMGEEFLTATTSTVGATTSNIDKNGR
✓	584	775.35	2323.03	2323.00	0.03	1	2	9.9e+02	1	CWFTTTSKSTGSGTAMVAR + 2 Carbamidomethyl (C); Oxidation (M)
✓	686	824.96	823.95	823.39	0.56	0	2	1.2e+03	1	TCSLACVK
✓	1049	956.69	2867.04	2867.48	-0.44	1	2	1.1e+03	1	MSGRLTIFNEPIAPWADAMVHSALLK
✓	1509	1123.92	3368.73	3368.59	0.13	2	2	9e+02	1	KLYVCMQKYGVIPSSTQSTSGSNMEALDATK + 2 Oxidation (M)
✓	1872	730.30	1458.59	1458.78	-0.18	1	2	3.1e+02	1	VDCKEIVVNALEK
✓	555	760.77	2279.29	2279.24	0.05	1	2	1.1e+03	1	LDNKLPPFELPLTENIDAIK
✓	1762	1273.48	2544.94	2545.25	-0.31	0	2	9.3e+02	1	FSGNEDAAVCAALQEGVVPETVLR
✓	693	825.57	824.57	824.45	0.12	0	2	1.1e+03	1	TLICFTK
✓	761	854.71	1707.40	1707.76	-0.35	0	2	1.1e+03	1	LMDMAADNASNLAEAR + Oxidation (M)
✓	1999	835.36	1668.70	1668.90	-0.20	2	2	3.2e+02	1	AKNPKGMPSSISLAPR + Oxidation (M)
✓	270	609.14	1824.40	1824.02	0.39	1	2	1.2e+03	1	KLVTCVGNTIGIIPDPK + Carbamidomethyl (C)
✓	577	773.54	2317.61	2317.14	0.46	0	2	1.2e+03	1	LISCAEIYGDACHPGLLSSLAKE + Carbamidomethyl (C)
✓	1457	1101.66	3301.97	3301.52	0.45	1	2	9.3e+02	1	RGASTGVSVMCFGHPLLDMMATVEEEFLR + 2 Oxidation (M)
✓	1188	1002.04	3003.10	3003.45	-0.35	1	2	1.3e+03	1	TPPTNNKGIPHIIEHSCLSGSDHYTTK + Carbamidomethyl (C)
✓	2228	712.43	2134.28	2133.99	0.30	1	2	2.8e+02	1	TSPKMSCCDNTPLHISSIK + Carbamidomethyl (C); Oxidation (M)
✓	2322	1192.56	2383.11	2383.01	0.09	0	2	3e+02	1	YAAEACVMEDGGLLQDDPDLCR
✓	2341	821.62	2461.84	2462.28	-0.44	2	2	4.7e+02	1	DTGIGMTKADLINNLGTIARSGTK + Oxidation (M)
✓	392	669.89	668.89	669.36	-0.48	0	2	1e+03	1	GICHLK
✓	1095	973.21	2916.60	2916.36	0.24	1	2	1.2e+03	1	ETTEMQNPNTPIFNSLSQCLQKNYSK + Oxidation (M)
✓	1333	1057.55	3169.63	3169.80	-0.17	2	2	8.6e+02	1	MTLLMVAEKPLLAESIANFLSLGPVKTRK
✓	1370	1067.94	3200.79	3200.60	0.19	1	2	9.5e+02	1	VAFMRLTGMHFGGEELTYVQDTLTSLLR + Oxidation (M)
✓	2357	844.08	2529.22	2529.29	-0.07	2	2	3e+02	1	LCLLWIESQKLKRDPEADANK
✓	456	708.75	2123.24	2123.04	0.20	2	2	1e+03	1	RCGLEGPVGEFLRDFICR + Carbamidomethyl (C)
✓	823	439.34	876.66	876.45	0.21	1	2	4.1e+02	1	VCGLDRSK
✓	2173	676.07	2025.18	2025.09	0.10	2	2	2.9e+02	1	NRLADAPVQRQDNLFIR
✓	2422	950.34	2847.98	2848.28	-0.30	2	2	3.9e+02	1	HTSNNTSVNDTNTPTNKRTDNDTSSK
✓	402	676.06	2025.17	2025.03	0.14	2	2	1.2e+03	1	MVYKNISFIYKSEEFK
✓	1471	1109.83	3326.48	3326.54	-0.07	2	2	1e+03	1	HLADYVLVWSTRFGGMYGDDMAKSPHMAR + Oxidation (M)
✓	2171	1012.30	2022.58	2023.00	-0.42	2	2	4.8e+02	1	AARDWNFEYQRAVELR
✓	259	600.47	1198.93	1198.64	0.29	0	2	1.2e+03	1	MAPGGLNADLLK
✓	2365	855.42	2563.24	2563.33	-0.09	2	2	2.8e+02	1	ALLRSPANRLSDGGVGALCPHSSTK + Carbamidomethyl (C)
✓	1461	1103.68	2205.35	2204.91	0.44	0	2	9.9e+02	1	MPCAHDAAFCSAMPTHVSEK + Carbamidomethyl (C); Oxidation (M)
✓	661	813.16	2436.47	2436.15	0.32	1	2	1.1e+03	1	LDMCAGFLVSATLYSKDTCLNR + Oxidation (M)

✓	1084	484.72	967.42	967.50	-0.08	1	2	3e+02	1	QTTEKYAK
✓	2323	795.38	2383.12	2383.18	-0.06	1	2	3.1e+02	1	TTEATDLTSLSYVRLLGCSGGGGGR
✓	1181	1000.14	999.14	998.59	0.55	1	2	1e+03	1	NGKKPQLSK
✓	1364	1066.60	2131.18	2131.26	-0.08	2	2	8.3e+02	1	SLITKLEQTLVRAMIFIR
✓	1739	1247.96	3740.86	3740.48	0.37	1	2	1e+03	1	CVACSDTTNGGHEGCSLCSNNNGFKCTDCKPNYK + 3 Carbamidomethyl (C)
✓	2315	1182.37	2362.73	2363.18	-0.45	2	2	5.3e+02	1	HGGVGSHRIRSASATTAAATGENR
✓	413	682.46	2044.36	2043.88	0.47	0	2	9.2e+02	1	SCYSGASGHGIPSTANGHER + Carbamidomethyl (C)
✓	520	738.16	2211.46	2211.06	0.40	2	2	1.3e+03	1	NGQKVNLMQRGSNTSFCVR + Carbamidomethyl (C); Oxidation (M)
✓	1207	1009.63	3025.88	3025.54	0.34	1	2	1.1e+03	1	TEYYEYIISYVDDLTIVSADTKAILK
✓	126	519.36	518.36	518.28	0.08	1	2	1.3e+02	1	SRIGS
✓	396	672.66	1343.31	1343.62	-0.31	0	2	1.2e+03	1	AGGTYCFLDAAQK
✓	476	718.56	717.55	717.32	0.24	0	2	1.4e+03	1	YFMNK + Oxidation (M)
✓	86	486.63	485.62	485.28	0.34	0	2	7e+02	1	VTPVA
✓	552	758.92	757.91	758.41	-0.50	2	2	1.6e+03	1	KRGDGAR
✓	1220	1014.66	3040.96	3040.41	0.55	2	2	1.1e+03	1	THVPMAGNIGEGDCSVYAVNRRGSQHNR + Oxidation (M)
✓	1399	1082.12	1081.11	1080.52	0.59	1	2	1.1e+03	1	TDASGNKFNK
✓	502	730.77	2189.30	2189.09	0.21	2	2	1.2e+03	1	TPDGGQIEIMACKDTGIIRR + Oxidation (M)
✓	1290	1042.11	3123.31	3123.56	-0.25	2	2	1.1e+03	1	FMGHRGPVLAVACSPRANLLASGGHDGYVR + Oxidation (M)
✓	1814	676.60	1351.19	1351.73	-0.55	0	2	6.1e+02	1	EINPIQTPELAK
✓	1553	1143.24	2284.47	2284.18	0.29	2	2	1.1e+03	1	MTDKQYTVVIEEPTAKLYR
✓	1014	944.48	943.48	943.46	0.02	1	2	4e+02	1	DRLYFCK
✓	1475	1111.27	1110.27	1110.59	-0.32	2	2	1.2e+03	1	FIKDAMSKR + Oxidation (M)
✓	1680	1209.74	2417.47	2417.21	0.26	0	2	9.7e+02	1	FTPVEYTDVPTAAVNPLEALR
✓	135	527.24	1578.70	1578.90	-0.20	0	2	6.6e+02	1	VKPLQPEQIVATEK
✓	435	695.92	2084.75	2084.16	0.60	2	2	1.2e+03	1	KLNWMINVTEDLLLRAR
✓	2395	899.55	2695.64	2695.38	0.26	2	2	3.2e+02	1	ELVDLLSEYYMLLPQVRDGM
✓	2428	961.38	2881.11	2881.56	-0.45	2	2	3.1e+02	1	VGNVLSKMNPPTNPENIIKVAELSLGK + Oxidation (M)
✓	582	774.51	1547.01	1546.75	0.26	0	2	1.2e+03	1	FDSSPPSSSPITTK
✓	1562	1147.21	3438.60	3438.82	-0.22	2	2	1.1e+03	1	FSQVLHVLEPSKEAIAAVVSVAEKTGDLGAMSR
✓	1354	1064.45	3190.32	3190.62	-0.29	2	2	1e+03	1	LAFYVTCMLPSTLMLDREFCLLIRGR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1487	1116.04	3345.08	3345.66	-0.58	0	2	1.3e+03	1	DHEQLNLNGLLEAQMTTELQSRPTPQTQPK + Oxidation (M)
✓	2470	1052.09	3153.23	3153.73	-0.49	1	2	3.1e+02	1	VLHHAGLIHGSPLPLSLFLCGSAPSSLRFK
✓	971	933.25	2796.72	2796.31	0.42	1	2	1.3e+03	1	LVCAQGGSVAMGQDNSFENIEQKK + Oxidation (M)
✓	1965	536.74	1607.19	1606.76	0.43	1	2	5.1e+02	1	DVERDIETAVASMR + Oxidation (M)

✓	2199	1037.53	2073.04	2073.01	0.03	1	2	3.2e+02	1	GTQHVLCITMLNSDQRGK + Carbamidomethyl (C); Oxidation (M)
✓	156	537.62	1609.84	1609.75	0.09	0	2	8.6e+02	1	IEWCMQTVLDTAK + Carbamidomethyl (C); Oxidation (M)
✓	1116	980.84	2939.50	2939.61	-0.11	2	2	9.9e+02	1	ILLADLAGSERIKIAQTETGIPFEQAR
✓	786	863.50	2587.48	2587.37	0.12	1	2	1e+03	1	RGGAEPLEVLQGCLQAQVISLHGR + Carbamidomethyl (C)
✓	1054	957.24	1912.46	1912.85	-0.39	1	2	1.3e+03	1	APTTDRCVCCLAGTIDMK + Oxidation (M)
✓	1114	490.61	979.20	979.56	-0.35	0	1	3.3e+02	1	HTLVNQIR
✓	781	860.98	1719.95	1719.93	0.01	1	1	1.6e+03	1	IWESLVYIYAHAKK
✓	1325	1055.05	3162.11	3161.55	0.56	1	1	1.3e+03	1	NGVEKVVISAPSSDAPMFVMGVNHELYQK + Oxidation (M)
✓	1777	644.88	1287.75	1287.71	0.04	2	1	3.8e+02	1	KITKMVPYHR + Oxidation (M)
✓	2255	1106.32	2210.63	2211.16	-0.53	1	1	6.8e+02	1	VACQRLGLPCTGNKPDLLTR + Carbamidomethyl (C)
✓	241	593.61	592.60	592.36	0.24	0	1	2.4e+02	1	IIGYK
✓	1417	543.84	1085.66	1085.54	0.13	0	1	3.8e+02	1	SLDPGNGADIK
✓	1854	718.02	1434.03	1434.58	-0.55	0	1	4.1e+02	1	YCQGVVEEFMK + Carbamidomethyl (C); Oxidation (M)
✓	697	827.83	2480.47	2480.20	0.27	2	1	1.2e+03	1	TMLKKLQGEYYEIQIDCYDK
✓	817	876.99	2627.94	2628.32	-0.38	0	1	1.5e+03	1	HHFVLSEYTLACHMLHVILHGR + Oxidation (M)
✓	1367	1067.14	2132.27	2132.04	0.23	1	1	1.1e+03	1	MKGELNFVGITMEFEMLK + Oxidation (M)
✓	1956	791.19	1580.36	1580.90	-0.54	0	1	6e+02	1	RPQNSGAGGAIILTVK
✓	2347	828.92	2483.75	2484.23	-0.47	2	1	5e+02	1	SGEVKSSSICRIDNLNAAYGVSSK
✓	1178	999.00	2993.98	2994.46	-0.48	2	1	1.5e+03	1	ISVVEGMVLDQGYLSRYFTTDDKNTK + Oxidation (M)
✓	1308	1047.67	2093.34	2093.13	0.21	2	1	1.1e+03	1	MVGVSRGDAQRGLEPIRPR
✓	2010	560.09	1677.25	1677.69	-0.44	0	1	5.1e+02	1	VFMSLMAAEEMEDK + 3 Oxidation (M)
✓	1139	988.83	987.82	987.51	0.31	1	1	1.1e+03	1	LESEARQR
✓	1201	1006.84	3017.49	3017.51	-0.01	2	1	1.1e+03	1	LINDGNVERLIPIVMRACSSDDPYVR + Carbamidomethyl (C); Oxidation (M)
✓	2413	932.51	2794.52	2794.33	0.19	2	1	2.6e+02	1	FSPFTNCCVYAGISKGKISISDTDK + 2 Carbamidomethyl (C)
✓	1659	1194.49	3580.46	3580.66	-0.20	2	1	9.3e+02	1	MMTGRVLLVCALCVLWCGAGGGYAWPYKECK + 3 Carbamidomethyl (C); 2 Oxidation
✓	1752	1260.89	3779.65	3779.70	-0.05	2	1	1.2e+03	1	CGAVFVGTVKDNRIVGQGEFYLSENC DLNNPDY + Carbamidomethyl (C)
✓	1769	1278.92	1277.91	1277.73	0.18	2	1	3.7e+02	1	MFRTGVQLAKK
✓	441	699.02	2094.05	2094.09	-0.04	1	1	9.3e+02	1	RLMEEHLTQGAHVPHALR
✓	1119	981.73	2942.16	2942.31	-0.15	2	1	1.2e+03	1	MLARQMGMMIQVTVPCDACGGEGRR + Carbamidomethyl (C); 3 Oxidation (M)
✓	1128	985.44	2953.30	2953.39	-0.09	1	1	9.2e+02	1	LRNQEFKPMINQWCSSIVEDCTK + Carbamidomethyl (C)
✓	1244	1023.28	3066.81	3066.73	0.08	1	1	1.2e+03	1	RNVIHLLPVLAQQLYVLAVYLSNTSSR
✓	777	858.75	857.74	857.47	0.27	1	1	4.4e+02	1	APSKAASAR
✓	2005	838.05	1674.08	1673.93	0.15	2	1	3.6e+02	1	VSAKASVAADAAKAVSTK
✓	2384	889.83	2666.47	2666.51	-0.04	2	1	3e+02	1	NLANSALTATKQIAQISTPKITLNR

✓	263	602.99	1805.95	1805.98	-0.03	2	1	1.3e+03	1	AHQLARLLQERNAMR
✓	1484	1114.96	2227.92	2228.09	-0.18	1	1	1e+03	1	EINDKVAEAEQAEIEINASR
✓	1214	1013.13	3036.38	3036.37	0.01	1	1	1.1e+03	1	DEANTLHSVDSARMDGQVETSVFAAAGDK + Oxidation (M)
✓	1369	1067.85	3200.52	3200.69	-0.17	1	1	1e+03	1	KLLLPQTIQTISECSFSMTTLVNFVFPK + Oxidation (M)
✓	1712	1229.89	3686.65	3686.87	-0.22	2	1	1.1e+03	1	GVQELLLKAQAQYMAENGGVEQDVRHMIGLFSR
✓	307	628.50	1882.47	1882.89	-0.42	2	1	1.2e+03	1	AMVLSGGSGCTLSRCRR + 2 Carbamidomethyl (C); Oxidation (M)
✓	655	808.97	1615.92	1615.61	0.31	0	1	1.3e+03	1	CPACGCQTCCLACVK + 2 Carbamidomethyl (C)
✓	283	614.14	1839.39	1838.91	0.48	1	1	1.3e+03	1	MDLVSQIMEKSTLNSK + Oxidation (M)
✓	843	887.45	2659.34	2659.16	0.18	1	1	1.2e+03	1	WCQRFEAECVDVNTAQWAFDK + 2 Carbamidomethyl (C)
✓	1182	1000.86	1999.70	1999.97	-0.28	2	1	1.2e+03	1	CPRNSDELANASPETKLR
✓	2423	950.52	2848.54	2848.44	0.10	2	1	2.8e+02	1	ICQSMNEPMAINHPKTITLHEKLNK + Carbamidomethyl (C); Oxidation (M)
✓	618	792.50	2374.47	2374.04	0.43	1	1	1.1e+03	1	ASVSAASPEDDSGPAGGSDSGAGRGR
✓	1740	1249.77	3746.29	3745.76	0.52	2	1	1.1e+03	1	ATSLLEMEYCQASALSFAGGSEVAMTQKIDSYSSR + Oxidation (M)
✓	82	483.70	1448.08	1447.73	0.35	0	1	8.1e+02	1	MYLTTSLFESIK + Oxidation (M)
✓	600	784.38	783.37	783.49	-0.12	0	1	2.3e+02	1	KPLIDAK
✓	738	842.96	2525.85	2526.14	-0.29	0	1	1.5e+03	1	CSLCVVPEGAATPICLEYDNTSK + 2 Carbamidomethyl (C)
✓	865	896.49	895.48	895.49	-0.02	1	1	1e+03	1	MSYVLKR
✓	1281	1038.71	3113.11	3112.66	0.45	2	1	1.2e+03	1	QGPVNCNLCTGLINTLENLLTTKGADKVK + Carbamidomethyl (C)
✓	1312	1049.71	2097.40	2097.06	0.34	2	1	1.2e+03	1	VMLAAECEARNLLHMPKR + Oxidation (M)
✓	1395	1080.67	3238.99	3238.65	0.34	0	1	1e+03	1	TCLVYCDGGVVAATSGAAAAAVCVVLLMVGLAT
✓	778	859.42	2575.24	2575.30	-0.06	1	1	1.1e+03	1	GSVVHICALSSSLEKTISQAMVDGK + Oxidation (M)
✓	1716	1234.83	2467.65	2467.10	0.55	0	1	1.2e+03	1	HDAHDGNGGAAGLLCGESLVCSAASR
✓	797	871.46	2611.36	2611.44	-0.08	1	1	9.7e+02	1	HMEGSVIGRETEIQLSIVLLLFK
✓	1931	769.48	1536.94	1536.78	0.16	1	1	4.1e+02	1	TRYTTAVQHSAFR
✓	310	629.96	1886.84	1887.03	-0.19	1	1	1.6e+03	1	KLALGGEPITMQVFLDR
✓	1397	1081.02	3240.05	3240.62	-0.58	2	1	1.4e+03	1	EISFVICTGDMQTLRCESDLVYLKVPK + Carbamidomethyl (C)
✓	1300	1045.42	3133.24	3133.64	-0.41	1	1	1.1e+03	1	AAGDLVAALMYVADVAMLKATHIISAPHER
✓	1717	1234.92	2467.83	2467.43	0.40	1	1	1.1e+03	1	TGAVLPRAILAWLQSLQLGSFVK
✓	132	524.53	1570.58	1570.77	-0.18	2	1	1.2e+03	1	IADSMKFKETKR + Oxidation (M)
✓	1551	1141.35	3421.02	3421.30	-0.28	0	1	1.4e+03	1	GCNHMTCANCGYQFCWLCMQEYTSSHFK + 2 Carbamidomethyl (C); Oxidation (M)
✓	1329	1056.66	3166.96	3166.67	0.28	1	1	1.1e+03	1	MRVGGPASSLAGCVPALQSMVLVYYVTILR + Oxidation (M)
✓	1742	626.29	1250.56	1250.71	-0.15	2	1	3.4e+02	1	IHSIKGSPEKR
✓	2225	710.17	2127.50	2127.10	0.40	2	1	6.1e+02	1	IIEQLNNEAKTQTRNNK
✓	754	850.80	849.79	850.32	-0.53	0	1	4.5e+02	1	ANDESCR + Carbamidomethyl (C)

✓	2482	1078.05	3231.14	3231.47	-0.33	2	1	4.4e+02	1	VVCCEDVGERERCAALTIACSLCDPHR + 3 Carbamidomethyl (C)
✓	2052	588.71	1763.10	1762.96	0.14	1	1	4e+02	1	AALNYSITGASGKAQALK
✓	2320	794.47	2380.40	2380.15	0.25	0	1	3.2e+02	1	YLNIGCNDLGNGCSLALSDIIR + Carbamidomethyl (C)
✓	986	936.55	935.54	935.49	0.05	1	1	1e+03	1	LRELMMK + Oxidation (M)
✓	1666	1199.61	3595.81	3595.77	0.03	2	1	9.9e+02	1	AMHHILGSSRASLLRGALDGLVCSPDTTSEK + Carbamidomethyl (C)
✓	1748	628.44	1254.86	1254.72	0.15	1	1	3.5e+02	1	KIINDSDLLPK
✓	1072	963.23	962.22	962.47	-0.25	0	1	1.4e+03	1	EINMSLEK
✓	1365	1066.99	3197.96	3197.55	0.41	2	1	1.3e+03	1	MYSQTHRLSMESKASASAVPLAASTMPVAK + 3 Oxidation (M)
✓	1522	1126.52	3376.54	3376.71	-0.18	0	1	9.8e+02	1	VCVMPPMMLLLVLSLLAFVSSSYVHVQYR + 3 Oxidation (M)
✓	2049	877.20	1752.38	1752.81	-0.44	1	1	6.2e+02	1	ENIHDMFVENKYAK + Oxidation (M)
✓	801	871.94	870.93	871.50	-0.57	2	1	7.3e+02	1	RAEAAARK
✓	1384	1077.42	3229.24	3228.66	0.58	2	1	1.2e+03	1	ILISHGADINALNENDYTPLDFAIMRGKK
✓	1513	1124.90	1123.90	1123.62	0.27	0	1	1e+03	1	ELGLHIDLSK
✓	1766	1275.65	2549.29	2549.36	-0.07	2	1	9.2e+02	1	AATVTAAKAVPPLQGTASPKQNSADR
✓	1933	514.86	1541.55	1541.69	-0.15	0	1	3.7e+02	1	FTYCLPYTTPMK + Oxidation (M)
✓	2051	586.10	1755.27	1754.76	0.50	0	1	4.7e+02	1	NNFELFGDTENHYR
✓	2134	643.36	1927.05	1926.87	0.18	0	1	3.4e+02	1	MPLYDISNEDVTEMVR + Oxidation (M)
✓	916	916.68	2747.03	2747.10	-0.07	1	1	1.4e+03	1	RDADGGGNGTSSYCADCTPCAFPPETR
✓	1500	1119.24	3354.71	3354.54	0.16	1	1	1.2e+03	1	MPHPSCLPPhGGDEGGGHSTPAWMRSLLSVR + Carbamidomethyl (C); 2 Oxidation (M)
✓	2479	1072.20	3213.57	3213.55	0.02	1	1	2.5e+02	1	EMNHIGGIMADHLGMGKTVQMIGLCLVSDK + Oxidation (M)
✓	56	453.91	905.80	905.44	0.36	0	1	8.4e+02	1	TSALQQCR
✓	1094	973.11	2916.30	2916.37	-0.07	2	1	1.4e+03	1	FNAESSKSIHDNEKIDNQENIDEK
✓	1648	1188.47	3562.39	3562.60	-0.20	2	1	1.1e+03	1	MGMCTDRCVGVCKLNLALMHFVGMGEVCVWR + Carbamidomethyl (C); 3 Oxidation (M)
✓	599	784.28	2349.81	2349.21	0.60	0	1	1e+03	1	TVADGGALSMLAGTAMTTAAWLLK
✓	479	360.69	719.36	719.38	-0.03	0	1	4.2e+02	1	MLGMLR
✓	2036	573.59	1717.74	1717.91	-0.18	1	1	3.6e+02	1	SLSQLVTNVSKANCR
✓	2488	1105.86	3314.56	3314.74	-0.18	1	1	2.5e+02	1	DTNLQILIEAHCIDEFISYVPVVVGLKMR
✓	934	924.27	2769.78	2770.06	-0.28	1	1	1.4e+03	1	TCATFNNSKDCLDMPGCGYCMHTDK + Oxidation (M)
✓	1148	990.71	2969.10	2969.34	-0.24	1	1	1.5e+03	1	YNSDISSCNVARSYGIHAGMYVNSAK
✓	1846	473.23	1416.66	1416.74	-0.09	2	1	4.5e+02	1	RSVSLTEQERGR
✓	98	502.56	1504.66	1504.74	-0.08	2	1	1.3e+03	1	QESLRRMCGVGGR + Carbamidomethyl (C)
✓	1734	622.59	1243.17	1242.57	0.60	1	1	7.7e+02	1	REWMTFSTSV
✓	1634	1179.55	3535.63	3535.44	0.18	2	1	9.7e+02	1	TMSGSCGCRCAECGYGRDCLPVYLPHVDGCNR + 2 Carbamidomethyl (C)
✓	1636	1181.14	3540.39	3539.98	0.42	2	1	1.3e+03	1	HQLTLLSVCLIAEQLLSRFEVIHSKSIHR + Carbamidomethyl (C)

✓	516	736.98	2207.91	2208.03	-0.12	1	1	1.4e+03	1	RPSMRGDGAQQPCSHAPSAK + Carbamidomethyl (C)
✓	1360	1065.08	3192.22	3192.61	-0.39	2	1	1.6e+03	1	RPLSASRASARASAASRPQHTTVSSDDASR
✓	820	877.33	2628.96	2629.33	-0.37	0	1	1.2e+03	1	LISTYVGHLPMNDFPIFFDIFK + Oxidation (M)
✓	1685	1211.03	2420.05	2420.05	-0.01	2	1	1.1e+03	1	RVMVEQVICTDMYCREGCR + 2 Carbamidomethyl (C); Oxidation (M)
✓	2217	705.16	2112.45	2112.13	0.32	2	1	5.9e+02	1	RVALTGKLCIGDQEHLFR + Carbamidomethyl (C)
✓	136	527.62	526.61	527.20	-0.59	0	1	37	1	DHGAE
✓	685	824.90	823.90	824.39	-0.49	0	1	1.6e+03	1	FLSDMGR
✓	821	877.33	876.33	876.45	-0.12	0	1	1.2e+03	1	VFPSNWK
✓	1528	1128.67	3382.98	3383.45	-0.46	1	1	1.1e+03	1	AQQHYGCKTQAFMELEDTGIDDASSHVK + Carbamidomethyl (C); Oxidation (M)
✓	689	825.37	824.36	824.49	-0.13	0	1	1e+03	1	GIGGVLPGR
✓	1450	1099.05	3294.13	3293.66	0.46	1	1	1.5e+03	1	CPFGVFLSTATQCLFSLRYQTDLVGIVK + Carbamidomethyl (C)
✓	1545	1138.73	3413.16	3412.65	0.51	1	1	1.2e+03	1	ISEDYLLICKNEHQMYSLLLNELQSWK
✓	1564	1147.39	3439.16	3439.55	-0.38	2	1	1.3e+03	1	SSAATGEVKGHYMNVTAATMEQMYERAFAK + 2 Oxidation (M)
✓	1275	1035.88	3104.63	3105.20	-0.57	0	1	1.1e+03	1	AMDDYCSEGGCIASEVLGACFSQMSGGCNK + Carbamidomethyl (C); Oxidation (M)
✓	1293	1043.27	2084.52	2084.09	0.43	0	1	1.4e+03	1	VATAVELLDGDTQAWAVAR
✓	2261	747.80	2240.39	2240.07	0.32	0	1	4.3e+02	1	IEGELESLQECEANLHLTR + Carbamidomethyl (C)
✓	458	708.83	707.83	707.38	0.45	0	1	6e+02	1	IWYAR
✓	1693	1216.53	3646.58	3646.90	-0.32	2	1	9.9e+02	1	EDNSPVLENYSVIFLITTSIGERHEGIRAFK
✓	2220	1059.94	2117.86	2118.03	-0.17	2	1	3.5e+02	1	ADRRWCNVAQDPLHGGPAR
✓	2493	1139.59	3415.75	3415.63	0.12	1	1	2.8e+02	1	ASALSGAATGTEKAIPANVDDGCDFTITVYVCAK
✓	1401	1082.45	3244.33	3244.59	-0.26	0	1	1e+03	1	EIVGLPSDGIACNGKPFVMCLINLDPSSNK + 2 Carbamidomethyl (C)
✓	1571	1150.46	2298.90	2299.11	-0.21	0	1	1.1e+03	1	AAEVAATLDIGSQLAEAAPCADR + Carbamidomethyl (C)
✓	2059	592.73	1775.17	1774.98	0.19	2	1	4e+02	1	QRRLLASLDLPDNHK
✓	771	857.62	2569.85	2570.21	-0.36	0	1	1.4e+03	1	MMGIYNENNQISSIVLSLNNR + 2 Oxidation (M)
✓	1064	961.39	2881.16	2881.26	-0.10	2	1	1.1e+03	1	QMGMMIQQVTPCDACGGEGRRMDPR + Oxidation (M)
✓	1730	1241.53	3721.57	3721.66	-0.09	2	1	9.7e+02	1	LCSGFGACEKTGDTYGCLCASYILVDKDCIPTR + Carbamidomethyl (C)
✓	1982	543.57	1627.69	1627.77	-0.08	0	1	4.2e+02	1	YDMINNAVVDYALAR
✓	1111	978.66	2932.96	2932.38	0.58	1	1	1.4e+03	1	NNFRDELEDHLLAHVAGHCYNNPVR
✓	645	805.57	804.56	804.38	0.18	0	1	1.4e+03	1	GAGGPTSMK
✓	802	872.51	1743.02	1742.68	0.33	1	1	1.2e+03	1	MRCQETSAEGDEESR + Oxidation (M)
✓	1151	991.57	1981.13	1980.97	0.16	1	1	1.1e+03	1	ISESIWGQNCATKFLER
✓	1707	1227.52	3679.53	3678.97	0.56	2	1	9.8e+02	1	VTRSFAMLMVCIGILSMVLVFIKTATYQVTATR + Oxidation (M)
✓	2401	914.26	2739.76	2739.35	0.40	1	1	4.5e+02	1	QESLSRMTLPMTLTIEEMLEFK + Oxidation (M)
✓	728	840.15	2517.43	2517.29	0.15	1	1	1.3e+03	1	QRGSGSILAVSCISSAAADAGAGEVLK

✓	973	933.36	2797.07	2797.40	-0.33	1	1	1.1e+03	1	KSSHQAVITCIVFDATGSLFATTSADK
✓	1492	1117.67	2233.33	2233.21	0.11	2	1	1.1e+03	1	DVNVVFPKGKLTMOVIGATGSGK + Oxidation (M)
✓	1524	1127.60	2253.18	2253.14	0.03	2	1	1e+03	1	RRPGGGMLPREEYSGEPPLR
✓	782	861.27	2580.79	2580.26	0.52	2	1	1.6e+03	1	SFPEYHLAYLNLTDNRNKEEK
✓	1091	971.65	2911.93	2911.44	0.50	0	1	1.3e+03	1	CGLSLDDQGALLTCSAVLHGVASRPMMAV + Carbamidomethyl (C)
✓	896	908.05	2721.13	2721.43	-0.29	1	1	1.4e+03	1	GFFPHISEADIQRHVIFELPLEK
✓	1419	1087.48	3259.43	3259.65	-0.23	1	1	1e+03	1	QGTVVFLDDLLRETEFHMSQVLSLNPQK + Oxidation (M)
✓	2179	1020.02	2038.03	2038.02	0.00	1	1	3.7e+02	1	HPSDVGEAPFETLVRAASR
✓	1313	1049.77	3146.28	3146.60	-0.32	2	1	1.4e+03	1	LGDTAPRWDPVPSGYSFASVDLEAIKSR
✓	1387	1078.08	3231.23	3231.51	-0.28	2	1	1.6e+03	1	RVNAAKMIVSAAEQCAPMPGAGLGSMHMER + 3 Oxidation (M)
✓	1478	1112.28	3333.82	3333.65	0.17	2	1	1.3e+03	1	CMVVLQHGSHGTHLDLACLSQYLKAKDPR + 2 Carbamidomethyl (C)
✓	2271	1127.47	2252.92	2253.12	-0.20	1	1	3.8e+02	1	VQWHLNGKHCCAPLAGHLR + 2 Carbamidomethyl (C)
✓	452	705.39	704.39	704.35	0.04	1	1	1.3e+03	1	DERASK
✓	195	565.78	564.77	565.22	-0.45	0	1	2.9e+02	1	GMDIM
✓	774	858.03	2571.08	2571.22	-0.14	2	1	1.5e+03	1	EKMNRNCDIGFMVVSDDPMIEITK + Oxidation (M)
✓	1336	1059.17	3174.49	3174.57	-0.08	2	1	1.4e+03	1	NYVAMWQLATSLNKARWTMLDVISQR + Oxidation (M)
✓	1548	1139.71	1138.70	1138.50	0.20	2	1	1.2e+03	1	CRSSCGVRGAS + Carbamidomethyl (C)
✓	2497	1201.20	3600.57	3600.65	-0.08	1	1	2.8e+02	1	QQMEFYDEENPPPPPPMPLEEIIKMDVMK + 2 Oxidation (M)
✓	1415	1086.26	1085.26	1085.57	-0.31	1	1	1.3e+03	1	MPPTSEIRR
✓	615	395.64	789.28	789.42	-0.15	1	1	5.1e+02	1	KEIGESK
✓	657	810.54	2428.61	2429.08	-0.47	2	1	1.3e+03	1	LTEMYMRKDQEVLCAGHAFD + Oxidation (M)
✓	957	930.81	929.81	929.52	0.28	1	1	5.6e+02	1	LAAMRVGGR
✓	2272	751.98	2252.93	2253.02	-0.09	2	1	3.8e+02	1	MEPFVMHVECRTMESAKR + Carbamidomethyl (C); Oxidation (M)
✓	977	933.71	2798.10	2798.33	-0.23	1	1	1.5e+03	1	TTISSCTDDQQISTLSEDNFQKIPK
✓	2044	869.85	1737.68	1737.89	-0.21	2	1	3.6e+02	1	NSAKLSASNESIKIYN
✓	2447	985.31	2952.90	2953.45	-0.55	0	1	4.7e+02	1	GVLVQPSVANTFQWQVTMPNNGIYK + 2 Oxidation (M)
✓	544	751.07	2250.19	2250.13	0.06	1	1	1.3e+03	1	LNGYDSNIVGIEMKIGALGDR + Oxidation (M)
✓	1351	1062.39	3184.16	3184.49	-0.33	1	1	1.3e+03	1	MASLAGHPMSALPLASLHSACQMCWKGWK + Carbamidomethyl (C); Oxidation (M)
✓	1573	1151.80	3452.38	3452.82	-0.43	2	1	1.4e+03	1	GGVTLCIYSLMCWATFLICFMKIIVSLVKK + Carbamidomethyl (C); Oxidation (M)
✓	1670	1200.51	3598.50	3598.85	-0.35	1	1	1e+03	1	MARPSLPLASSSCAPLPSPSLILRCHLGQPSR + Carbamidomethyl (C); Oxidation (M)
✓	2435	969.62	2905.83	2905.47	0.36	2	1	5.3e+02	1	NLKGKVDDVELPNWCISSTDFIWK
✓	128	522.85	1043.69	1043.54	0.14	0	1	9.3e+02	1	SAAATAPCKPK
✓	722	838.35	2512.03	2512.23	-0.20	2	1	1.2e+03	1	EAVERGRLPDATQTVFDNGYFK
✓	814	874.30	2619.88	2620.24	-0.36	2	1	1.6e+03	1	MKANGFSDAQIAKYFLCTADDVR + Carbamidomethyl (C)

✓	1630	1176.49	2350.98	2351.37	-0.39	2	1	1.1e+03	1	ELISIFLSILKQIGEHRLSR
✓	2463	1038.14	3111.40	3111.60	-0.20	1	1	2.9e+02	1	LLLSQHTRWLITAETAAMSDEQESIR
✓	1409	1085.52	2169.03	2168.93	0.10	0	1	1.1e+03	1	NGNSLLEICCYGSAQCFK + Carbamidomethyl (C)
✓	1298	1045.17	3132.49	3132.55	-0.06	1	1	1.3e+03	1	NGDVELVGHCFSTLSLIFENLDIEKQR + Carbamidomethyl (C)
✓	2175	1015.71	2029.41	2028.89	0.52	0	1	5.6e+02	1	AGYYLQSTSCIACHPACK + 2 Carbamidomethyl (C)
✓	150	533.73	1065.44	1065.53	-0.09	1	1	1.2e+03	1	ECVKTSFPR
✓	2180	1024.06	2046.11	2045.98	0.13	1	1	3.6e+02	1	LGGNRAELPSEPFQCCLR + Carbamidomethyl (C)
✓	2445	984.56	2950.66	2950.34	0.31	2	1	3.9e+02	1	VTMGQWAGDDGEGEAFGAPLRRCTPSSR
✓	365	650.66	1299.31	1298.72	0.59	1	1	1.6e+03	1	DGLRQLLLDEK
✓	1331	1057.20	3168.58	3168.46	0.11	2	1	1.3e+03	1	MSHDPSPKQTLDDSRVGTFCDSYLLQR + Carbamidomethyl (C); Oxidation (M)
✓	543	750.54	1499.07	1498.69	0.38	0	1	1.5e+03	1	DMLQGAGAGDFVFR + Oxidation (M)
✓	1721	1238.12	2474.22	2474.00	0.22	1	1	1.4e+03	1	IEDVEMCLCDARNEQCGMQAK + Carbamidomethyl (C); 2 Oxidation (M)
✓	1973	810.12	1618.22	1618.77	-0.55	1	1	5.8e+02	1	AMRGGSHAGVYPAMAK + Oxidation (M)
✓	652	808.53	1615.04	1614.82	0.22	2	1	1.3e+03	1	GEKDVGGASTKGVPEGK
✓	2489	1123.63	3367.88	3367.71	0.17	2	1	3e+02	1	DIAIQCLATNPESRPNAGEIKKMLEEAEK + Carbamidomethyl (C)
✓	1002	940.04	2817.11	2817.51	-0.40	0	1	1.4e+03	1	QLGTVIIMIDLVLIGSTAIQSMGIWAR + 2 Oxidation (M)
✓	2048	876.45	1750.88	1751.01	-0.13	2	1	3.8e+02	1	KEHKAYAVAVLGPQLK
✓	2279	1132.84	2263.67	2264.13	-0.46	1	1	6.6e+02	1	NSVLETNGKMSTQEAIASSAVK
✓	605	786.26	2355.77	2356.25	-0.49	2	1	1.4e+03	1	TTMGLPARQLTEQEVAATKGVR
✓	1204	1008.36	3022.05	3022.45	-0.40	1	1	1.5e+03	1	FIQINPVPHCCLCQKDFSTVSLMK + 3 Carbamidomethyl (C)
✓	1255	514.72	1027.42	1027.47	-0.05	1	1	3.8e+02	1	HVCPECGKR
✓	918	916.90	915.89	915.48	0.42	0	1	7.5e+02	1	SSASAALPGR
✓	2206	1048.05	2094.09	2093.93	0.16	0	1	3.5e+02	1	MEDGVELCAVGLVSCFHGR + Carbamidomethyl (C); Oxidation (M)
✓	2269	1126.78	2251.55	2251.13	0.41	2	1	6.1e+02	1	KMALAAMEAMSMALNGNTKLR
✓	1019	946.30	1890.59	1890.87	-0.29	1	1	1.7e+03	1	EIKELCSTPTQSGDGGR + Carbamidomethyl (C)
✓	1055	957.36	2869.05	2868.45	0.60	1	1	1.3e+03	1	IVNFEFSPGITKVPSSFFSDCHLLK + Carbamidomethyl (C)
✓	1347	1061.67	3182.00	3182.46	-0.46	2	1	1.3e+03	1	TTVNEGQLGGSSTSDSHPPAADRGSRQEGR
✓	1942	777.75	1553.49	1553.79	-0.30	1	1	4.2e+02	1	EARGMFEYTPLIK
✓	119	514.35	1540.02	1539.74	0.27	2	1	8.4e+02	1	KTRTWTGYEDQR
✓	1601	1164.45	3490.33	3490.78	-0.45	1	1	1.3e+03	1	SLLADLETITGPSTAQVKCQQFTPGSCSIAVLR + Carbamidomethyl (C)
✓	1156	992.16	1982.30	1981.96	0.34	2	1	1.5e+03	1	RCVVASSEGNKTAMISEK + Carbamidomethyl (C); Oxidation (M)
✓	2062	894.47	1786.92	1786.81	0.11	1	1	4.6e+02	1	EEGNWDQCLAAPNR + Carbamidomethyl (C)
✓	1445	1097.96	3290.85	3290.69	0.15	1	1	1.2e+03	1	VFLFLLDIPPVRSPDCGEEAHVPGIGAVMR + Carbamidomethyl (C)
✓	1750	1256.19	3765.56	3765.92	-0.36	2	1	1.4e+03	1	GAVILLDSTTETPELIWNSEMKNDVGIFIGKMTK + Oxidation (M)

✓	146	532.40	1594.17	1593.87	0.30	0	1	1.2e+03	1	EVATQILEHISNIK
✓	1120	491.84	981.67	981.46	0.20	1	1	3.3e+02	1	SGASRDYAR
✓	1129	987.08	2958.23	2958.39	-0.16	2	1	1.6e+03	1	VIHKKDNQYFEFQNSSNFGMPICGR
✓	1191	1002.79	3005.34	3005.56	-0.21	2	1	1.5e+03	1	VLDGSAEEMGTLPSPPELLLRyakMLR + Oxidation (M)
✓	1585	1156.27	3465.79	3465.37	0.43	0	1	1.3e+03	1	NPYPSSDPECGGIACMLCCSCYWSTHLTR + 4 Carbamidomethyl (C); Oxidation (M)
✓	173	552.46	1654.36	1654.74	-0.39	1	1	1.3e+03	1	DGVCTACKADNGLFK + 2 Carbamidomethyl (C)
✓	248	598.04	1791.11	1790.76	0.35	0	1	1.4e+03	1	ASFNADDSELLFTCCER
✓	1377	1074.59	2147.16	2147.10	0.06	1	1	1.2e+03	1	SEGIINDRSTGVFPFPGVQK
✓	1682	1210.39	3628.16	3627.64	0.51	0	1	1.3e+03	1	IQCNQYSQDMIQAINCDINIFNYLQYGQSK + Carbamidomethyl (C); Oxidation (M)
✓	783	861.43	860.42	860.49	-0.07	1	1	5.5e+02	1	YVPRAQK
✓	2486	1093.06	3276.15	3275.61	0.54	2	1	4.8e+02	1	FGTLVYVGESDGEVLRWRSAYACPLCTK + Carbamidomethyl (C)
✓	352	647.40	1939.17	1938.99	0.17	2	1	1.3e+03	1	ACGPLEPEPLARSKASAR
✓	836	883.92	882.91	883.50	-0.59	1	1	1.5e+03	1	HKLAYPR
✓	895	907.82	2720.44	2720.41	0.03	1	1	1.3e+03	1	ITKIAIPDNITTIGDFAFDNCPTLK
✓	2109	939.26	1876.51	1876.75	-0.24	0	1	6.9e+02	1	GSSMSNMNVSSNSGSSGSGK + Oxidation (M)
✓	795	871.02	1740.03	1739.93	0.10	2	1	1.4e+03	1	IEAADQRRDAILNQK
✓	291	619.93	1856.76	1856.99	-0.22	1	1	1.5e+03	1	IEGGSC LAPLLMKQELR
✓	1163	993.76	992.75	992.45	0.30	1	1	3.8e+02	1	MGLCREER
✓	2424	951.17	2850.49	2850.41	0.08	1	1	3.7e+02	1	HCCTAFETDVVTQCLSLLSNVVVGKK + Carbamidomethyl (C)
✓	109	509.19	1524.55	1524.77	-0.22	1	1	9.8e+02	1	VIPPGCIERDANGK + Carbamidomethyl (C)
✓	816	875.56	2623.67	2624.23	-0.56	2	1	1.5e+03	1	NGYSDPFVEFSCPADPPKVRSK + Carbamidomethyl (C)
✓	1443	1097.61	3289.80	3289.53	0.27	2	1	1.1e+03	1	QLCSEGNNEGMDVLKTTMNDVVHALAKR + 2 Carbamidomethyl (C)
✓	1984	815.03	1628.06	1627.78	0.28	1	1	4.6e+02	1	ALCGVC GKEILCSFVS
✓	2374	872.73	2615.16	2615.31	-0.15	1	1	3.3e+02	1	PFPSPPSHPHGCAVAARTYTL PQK + Carbamidomethyl (C)
✓	980	934.17	2799.48	2799.47	0.01	2	1	1.4e+03	1	EIIKVKIYILDEFDSNFDPNFLK
✓	2113	941.10	1880.18	1879.96	0.22	2	1	4.8e+02	1	LVQRWDGCHSPTLGRR
✓	2378	877.61	2629.81	2629.29	0.52	2	1	5.6e+02	1	CMLLLPDDGVADVGVRRAGSGAASR + Carbamidomethyl (C)
✓	1383	1077.12	3228.34	3228.51	-0.17	0	1	1.6e+03	1	TYWPILFWFTMACSSLVGTICISDFIDR + Carbamidomethyl (C)
✓	447	702.42	2104.23	2104.07	0.16	0	1	1.4e+03	1	EGEIPASLGVIEASFFDPVK
✓	847	891.36	2671.06	2671.44	-0.39	1	1	1.3e+03	1	EGKPELHYIPPVYMTAPTLKIFK
✓	1337	1059.71	2117.41	2117.12	0.29	2	1	1.5e+03	1	AMVERLLADVHAQRDHLK + Oxidation (M)
✓	1724	619.90	1237.79	1237.59	0.20	0	1	3.9e+02	1	GDDAAASSLLYR
✓	944	927.63	2779.88	2780.35	-0.47	1	1	1.5e+03	1	YNYASGANYVKILEQIGADLTEVSY
✓	1256	1029.49	2056.97	2057.10	-0.13	0	1	1.2e+03	1	TLEQISAALAACAPYLPLR + Carbamidomethyl (C)

✓	1472	1109.91	2217.80	2218.17	-0.38	1	1	1.2e+03	1	RYGATVILHGVTVAAEAYAK
✓	2226	711.42	2131.23	2131.02	0.21	0	1	3.8e+02	1	EEAYEMPQLMPVLHVCK + Oxidation (M)
✓	1398	1081.11	3240.30	3240.70	-0.40	2	1	1.5e+03	1	KVVAQKLPAFITVGNVVDQSFQIMASK
✓	1537	1134.82	2267.62	2267.15	0.48	1	0	1.5e+03	1	DFFINFSSSGSTYNLLIKK
✓	1714	1231.65	2461.30	2461.13	0.16	2	0	1.2e+03	1	QYDMTEWRENIGTYKNEIR + Oxidation (M)
✓	2468	1050.17	3147.48	3147.54	-0.07	1	0	3.2e+02	1	ALEPAHVPDPCQFVKNHISLSYTNEPGK + Carbamidomethyl (C)
✓	987	936.59	2806.75	2806.48	0.27	1	0	1.3e+03	1	CPILTITTIASSSDSYNVIPDRVTLK
✓	2083	609.62	1825.83	1825.77	0.06	2	0	4.2e+02	1	DRYCQKYYQGMPCR + Oxidation (M)
✓	357	649.78	648.77	649.32	-0.55	0	0	8.6e+02	1	ITGGMR + Oxidation (M)
✓	1232	1019.05	3054.12	3054.44	-0.32	1	0	2e+03	1	WSCQFLSDTMWPLERAEVITDVICR + Carbamidomethyl (C)
✓	1266	1032.17	3093.50	3093.51	-0.01	1	0	1.4e+03	1	INLPNLENIDLTSGNFNKNDCLYDK
✓	2420	942.75	2825.22	2825.51	-0.29	2	0	3.3e+02	1	VERAVPFNAIVPPPSIGTDVPVDPDRS
✓	218	578.04	1731.11	1730.94	0.16	1	0	1.4e+03	1	ALVLGMMVKTAEAPLR + 2 Oxidation (M)
✓	570	769.32	2304.95	2305.07	-0.12	0	0	1.2e+03	1	MVQNYDLFIMPNTTGFWR + Oxidation (M)
✓	1827	686.13	1370.25	1369.69	0.56	0	0	7.5e+02	1	NYHINLFFFR
✓	2007	838.90	1675.78	1675.68	0.11	1	0	4.4e+02	1	MDKSQGMANNYDMR + Oxidation (M)
✓	1464	1105.56	3313.64	3313.59	0.05	2	0	1.2e+03	1	VYDVDRVYGTNDSTEYIFYDRVAALVDR
✓	2381	884.41	2650.22	2650.43	-0.21	2	0	3.5e+02	1	DSALPLAVAPPEAVVMLMDVRRR + 2 Oxidation (M)
✓	37	432.86	863.70	863.40	0.30	0	0	1e+03	1	WDLQMR + Oxidation (M)
✓	494	727.83	2180.45	2180.05	0.41	1	0	1.4e+03	1	APRWASFLEVMTTEELEEK + Oxidation (M)
✓	293	622.61	1243.21	1243.65	-0.44	0	0	1.6e+03	1	GSLLAGQSGTTPR
✓	1165	993.87	992.86	992.55	0.31	0	0	4.8e+02	1	FMVSLVAAR
✓	1306	1047.10	3138.26	3138.47	-0.21	2	0	1.8e+03	1	RVAHWNMVDGVALCATHDKVESSAGGESR + Carbamidomethyl (C)
✓	2399	908.20	2721.58	2721.32	0.26	2	0	3.7e+02	1	AATYDTPVDSFFGGLFRETICAR + Carbamidomethyl (C)
✓	1343	1060.88	3179.62	3180.12	-0.50	0	0	1.3e+03	1	CDDNCTTCYGSATYCMSCSSDTYLSSNR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1621	586.30	1170.60	1170.48	0.11	0	0	4.9e+02	1	GGAGDAQGCHNGK
✓	748	848.57	2542.67	2542.15	0.53	0	0	1.6e+03	1	EQAVGGPCMQPTWPPEIGQMCVK + Carbamidomethyl (C)
✓	683	823.89	822.89	822.36	0.52	0	0	7.9e+02	1	LDCCIEK
✓	2129	960.59	1919.17	1918.95	0.22	1	0	3.9e+02	1	TRPQSGIQGMARMALR + 2 Oxidation (M)
✓	1436	1095.81	3284.40	3284.57	-0.18	2	0	1.6e+03	1	QGGQEMIRLSEHAIPWNQEFKFYMTTK + Oxidation (M)
✓	2473	1058.27	3171.78	3171.49	0.28	2	0	3.3e+02	1	IEDSQGRELSSGCAVMSEGTEFVIATRSR + Carbamidomethyl (C)
✓	1368	1067.80	2133.58	2133.08	0.50	1	0	1.4e+03	1	LRGVGIGTFCVSGTVSHGCK + Carbamidomethyl (C)
✓	2003	835.87	1669.72	1669.87	-0.15	2	0	4.3e+02	1	ESNVVPDTRVGVDK
✓	826	879.54	878.53	878.58	-0.05	1	0	4.2e+02	1	LPRIKPR

✓	871	899.55	2695.62	2695.27	0.35	1	0	1.2e+03	1	THGGCSAADAGSWRNGVPANVQQVWK
✓	958	930.92	2789.74	2789.39	0.35	2	0	1.9e+03	1	MSSAVGAAMSLIGQDSDEARAAVRLQR
✓	975	933.63	2797.88	2797.34	0.53	0	0	1.6e+03	1	GLTDDEQCLPVHATLIGISDSGSSTPK + Carbamidomethyl (C)
✓	1453	1100.21	2198.41	2198.05	0.36	2	0	1.4e+03	1	NFPEDAQKKSSDGEVSFVSK
✓	2094	922.47	1842.92	1842.94	-0.03	2	0	4.4e+02	1	GTATTLPSPSAEGERGK GK
✓	14	369.79	737.56	737.42	0.14	0	0	7.5e+02	1	LANPAPR
✓	690	825.39	2473.16	2473.32	-0.16	2	0	1.2e+03	1	SITEQEIIIEELKVHIDFRFK
✓	848	891.84	890.83	891.42	-0.60	1	0	6.7e+02	1	KCVDGSQR
✓	1226	1017.21	3048.61	3048.43	0.19	2	0	1.6e+03	1	KEPGPSNAAICDAYAMRLLEATEEER + Carbamidomethyl (C)
✓	2183	1025.64	2049.27	2049.03	0.25	1	0	4.9e+02	1	VNGKSLTSEEIHFGNVYR
✓	2487	1104.58	3310.72	3311.22	-0.49	1	0	3.3e+02	1	NTNERCSCPGDCHTCDWNDGAPGACHFCK + 3 Carbamidomethyl (C)
✓	21	390.70	1169.09	1168.61	0.47	0	0	1.1e+03	1	TFSLGAFADLK
✓	668	815.36	2443.05	2443.30	-0.25	1	0	1.4e+03	1	GHKIDNVPELPLVSDVEQIK
✓	2029	852.70	1703.38	1702.92	0.46	1	0	8e+02	1	KAFPVLAIGCSAASGVR + Carbamidomethyl (C)
✓	2233	1072.69	2143.37	2143.05	0.32	0	0	4.3e+02	1	QLWWGHQIPAFGFTAPCGK
✓	2311	786.54	2356.60	2357.05	-0.45	2	0	6.2e+02	1	MSCTEGQRAVLCQCTICRK + 4 Carbamidomethyl (C)
✓	2391	895.51	2683.50	2683.35	0.15	1	0	3.7e+02	1	VDLFKPQLIICGGSAYPRDWDYK
✓	2210	1051.76	2101.50	2101.95	-0.45	0	0	7.4e+02	1	CGGSDSNVSSPAPPVNAVAAMR + Oxidation (M)
✓	624	793.47	2377.39	2377.06	0.33	1	0	1.4e+03	1	EEGPPVMMRPPSGSCRVDASR + Carbamidomethyl (C); 2 Oxidation (M)
✓	1248	1024.96	2047.90	2047.97	-0.07	0	0	1.5e+03	1	QQSFSAAPAASGDFSHITR
✓	1263	1031.94	3092.79	3092.36	0.43	1	0	1.6e+03	1	GGMWPAIHEDAFNGGGWGGSKNSGGGATDFR
✓	1304	1045.95	3134.82	3134.60	0.22	2	0	1.5e+03	1	GQLGDQVDEHAEREAIMDLLKLSVIEAR
✓	659	406.52	811.03	811.53	-0.50	1	0	4.5e+02	1	VLKIPSR
✓	825	879.06	878.05	878.44	-0.38	1	0	6.7e+02	1	KCLEAMK + Carbamidomethyl (C)
✓	1237	1021.18	3060.52	3060.36	0.16	2	0	1.4e+03	1	TCGKCVDAYFMYKGGCYLAGAAGPGTGTK + 3 Carbamidomethyl (C)
✓	491	726.72	2177.13	2177.03	0.09	2	0	1.2e+03	1	DNVCEDTPLHFAARYNKK + Carbamidomethyl (C)
✓	1374	1071.12	3210.35	3210.41	-0.06	1	0	1.6e+03	1	TMHEMGVYGMDCASVLYLLRLCLCDR + 3 Carbamidomethyl (C); 3 Oxidation (M)
✓	1380	1076.16	3225.45	3225.40	0.04	1	0	1.5e+03	1	YEGLAMQCADGYSGSLCETQDTTRAPTTTR
✓	791	867.17	2598.48	2598.53	-0.04	2	0	1.5e+03	1	LLAFVPSLQFLDGLIVRRSEVVK
✓	1455	1100.83	1099.82	1099.63	0.18	1	0	1.5e+03	1	TAEREILLR
✓	1726	1239.43	3715.26	3715.85	-0.59	1	0	1.4e+03	1	AFTFPSLPLMPTMVAMTCTRLGVPTTFDDVLR + Carbamidomethyl (C); 2 Oxidation
✓	2006	559.03	1674.08	1673.86	0.22	2	0	4.8e+02	1	RCAHCGAIFRTLAAK + Carbamidomethyl (C)
✓	2045	871.52	1741.02	1740.74	0.28	0	0	4.2e+02	1	EGDCFAPLTTAVSDCR + Carbamidomethyl (C)
✓	906	913.44	912.43	912.54	-0.11	1	0	3.9e+02	1	NLLSPKNK

✓	1452	1099.37	2196.72	2197.11	-0.39	2	0	1.6e+03	1	SQQATDESVHQAKVSLAKDR
✓	1555	1144.21	2286.41	2286.15	0.26	1	0	1.6e+03	1	RLEMGTSSEVVNVPLDIQQCR
✓	1651	1189.02	3564.04	3563.98	0.07	2	0	1.5e+03	1	IGTIVVDELHMLGETSRGATLELLLTLLCLR + Carbamidomethyl (C)
✓	2110	939.32	1876.63	1876.94	-0.32	2	0	5e+02	1	RKGDFVPFHLMLVER + Oxidation (M)
✓	376	658.23	1971.68	1972.02	-0.34	0	0	1.6e+03	1	DVDFEVLQLTPAEVLER
✓	438	697.34	1392.66	1392.67	-0.01	0	0	1.1e+03	1	GSVGDFEVPMLR + Oxidation (M)
✓	1743	626.94	1251.86	1251.57	0.29	1	0	4.1e+02	1	MMLDASERGSR
✓	1491	1117.49	3349.46	3349.59	-0.13	2	0	1.2e+03	1	SDSPNPTVSKEMVKNVNNLGGIPDYNCSAK + Carbamidomethyl (C); Oxidation (M)
✓	1552	1142.30	3423.88	3423.62	0.26	2	0	1.5e+03	1	YSSIDFFQKLDEIYYMTTQTTNTQKNK + Oxidation (M)
✓	1760	1272.14	3813.41	3812.86	0.55	2	0	1.7e+03	1	CMEYAIFSYNKDLIMLLANNYKIQIDIDICAR + Oxidation (M)
✓	1988	549.47	1645.37	1644.85	0.52	2	0	9.7e+02	1	EMKALGIRANYHAR + Oxidation (M)
✓	2408	924.96	2771.87	2771.87	-0.00	1	0	6.4e+02	1	DDNGDDDDDDDDDDDDDCPSRSR + Carbamidomethyl (C)
✓	2412	927.29	2778.85	2779.32	-0.46	1	0	6.2e+02	1	ELSQLQINSYSEYLYQSRTLEES
✓	1388	1078.10	3231.28	3231.58	-0.30	2	0	1.8e+03	1	RLLDNTYIFYSSDHGYHLGQFALMKDK
✓	1950	785.07	1568.12	1567.92	0.20	1	0	5e+02	1	KPDPPAPKPPKQIR
✓	2031	571.25	1710.72	1710.88	-0.16	1	0	4.6e+02	1	ALDRDATSTLSAIYK
✓	2436	969.80	2906.39	2906.42	-0.03	2	0	3.9e+02	1	EMAECTFQPLLSPGTRAMVRLAQER + Carbamidomethyl (C); Oxidation (M)
✓	144	531.42	1591.24	1591.73	-0.50	1	0	1.6e+03	1	FMLGDCVRMLYR + Carbamidomethyl (C); 2 Oxidation (M)
✓	320	633.76	632.75	632.33	0.42	1	0	1e+03	1	HKTTF
✓	1645	1187.14	1186.13	1185.65	0.49	0	0	1.8e+03	1	NGAVSSNGLLVR
✓	1132	987.72	2960.14	2959.61	0.53	2	0	1.7e+03	1	DGPAYQTGIRLGDVLLRIAGVYVDSIAK
✓	1720	1236.37	3706.09	3705.80	0.29	2	0	1.5e+03	1	ASDSFIHAVPESSALDGTTPAQPRGQRRPCDQR + Carbamidomethyl (C)
✓	2443	977.76	2930.27	2930.61	-0.34	0	0	3.7e+02	1	VMIPVPLMLLPPVLMNFLFHPANGVR + Oxidation (M)
✓	547	755.42	2263.24	2263.20	0.04	2	0	1.2e+03	1	IVFKGHSASKCDIVVADLYAK
✓	1245	1023.41	3067.21	3067.55	-0.34	2	0	1.3e+03	1	QHSRSRMATVAMLACVVFFVALGLACMR
✓	2004	559.01	1674.00	1673.85	0.16	2	0	4.8e+02	1	QKEEAADKLLGTEDK
✓	2483	1082.64	3244.91	3244.44	0.47	2	0	4e+02	1	TEARSEAETACEADLNQELSMMSVAQRSR + 2 Oxidation (M)
✓	1083	968.40	2902.19	2902.44	-0.25	2	0	1.3e+03	1	EECTVQEIPKQPPLSVAAEKTETYSR + Carbamidomethyl (C)
✓	191	563.36	562.35	562.28	0.07	0	0	3e+02	1	AELCK
✓	1017	944.87	2831.57	2831.64	-0.06	1	0	1.5e+03	1	VATRIIMIYIIPILCLIMIVPHHK + 2 Oxidation (M)
✓	1311	1048.50	3142.49	3142.26	0.23	2	0	1.3e+03	1	VTSYDGKNCFCDPWDKCCGCVLTDK + 4 Carbamidomethyl (C)
✓	1534	1131.85	2261.68	2262.08	-0.40	2	0	1.5e+03	1	DLCQRCRPCTRLPWLSR + Carbamidomethyl (C)
✓	2455	1002.87	3005.59	3005.55	0.04	2	0	3.7e+02	1	DRKVPVTRGSESQAGGVPQTIASAVSGPEK
✓	504	731.07	2190.20	2190.14	0.05	1	0	1.9e+03	1	DYVGEGPQILRNAATFGALK

✓	807	873.65	1745.28	1744.74	0.54	0	0	1.9e+03	1	ESVCAGTVGFNETSGK + Carbamidomethyl (C)
✓	2433	968.52	2902.54	2902.41	0.13	2	0	3.9e+02	1	YTTIFPKNYMSGDIIMVCFMSK GK + Oxidation (M)
✓	1082	968.05	2901.13	2901.25	-0.13	2	0	1.6e+03	1	QDCQGELQCAVDFMQEEVEKMRR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1458	1102.02	3303.03	3302.48	0.55	0	0	1.8e+03	1	CVQLLYGEINLGGFTMLMYAVACDDYDR + 2 Carbamidomethyl (C); Oxidation (M)
✓	1569	1149.57	3445.69	3445.80	-0.12	2	0	1.2e+03	1	MRDEPAWALFATTVVSHPMIPTAVLFYKR
✓	1023	946.52	2836.54	2836.45	0.08	2	0	1.5e+03	1	SLEPSISASPPPETHKMAVALEAFRR + Oxidation (M)
✓	2223	1064.42	2126.83	2126.95	-0.13	1	0	4.6e+02	1	SIHQMPIDDEDDLARNK + Oxidation (M)
✓	1203	1007.55	3019.63	3019.45	0.18	1	0	1.3e+03	1	ATIDEVLSHPYFEKTFSHGIMSPNQR + Oxidation (M)
✓	1554	1143.39	3427.16	3426.81	0.35	1	0	1.7e+03	1	ACRVWYLYGLGLVLLWLAYAHLTVEYR
✓	2312	788.01	2361.00	2361.20	-0.20	2	0	3.9e+02	1	ADDAAAEVVTEFAGVVATSARRR
✓	2317	1183.82	2365.62	2365.08	0.54	1	0	6.6e+02	1	LSFEGGCNASFARSLIADCYK + 2 Carbamidomethyl (C)
✓	813	874.23	1746.45	1746.85	-0.40	2	0	2e+03	1	EAREAAESDAGAKSLSR
✓	2273	752.21	2253.60	2253.04	0.57	2	0	8e+02	1	MRALEQQASKIEGDGEMNSK + 2 Oxidation (M)
✓	2480	1072.71	3215.10	3214.59	0.51	1	0	5.5e+02	1	VFNSTVLLLLVTMMCCNAGTASAGESNVKK + 2 Carbamidomethyl (C)
✓	757	852.48	851.47	851.41	0.05	0	0	5.1e+02	1	HGTPDLVN
✓	2297	774.69	2321.06	2321.14	-0.08	2	0	4.1e+02	1	CEATKASVKQQTDEMVEIVR + Carbamidomethyl (C)
✓	2418	940.78	2819.33	2819.33	-0.00	1	0	3.7e+02	1	EEFTNVAVGHFGLAWPVKDTNSGK + Carbamidomethyl (C)
✓	1194	1004.77	3011.29	3011.73	-0.44	2	0	1.7e+03	1	AINEAVDGKWRLVYALQYVIVPLIR
✓	1202	1007.35	3019.02	3019.44	-0.42	2	0	1.6e+03	1	FFWEATSGSQERMNEVITSKMATLK
✓	1476	1111.28	2220.55	2220.94	-0.39	2	0	1.7e+03	1	GCTKCEDGYSETSDRLLCK + 2 Carbamidomethyl (C)
✓	2263	748.78	2243.31	2243.14	0.17	2	0	4.2e+02	1	MKESSQHIMALTESALPRAK + Oxidation (M)
✓	2416	937.00	2807.98	2807.45	0.53	1	0	5.6e+02	1	SEESKDEPLSFVIVFSPLIACLGLK
✓	1506	1122.71	3365.11	3364.51	0.60	2	0	1.5e+03	1	LRAADRQCVDGTATLYPDMFCTDSSDATLR + Carbamidomethyl (C); Oxidation (M)
✓	2398	906.42	2716.25	2716.32	-0.06	2	0	4e+02	1	QQTRWPSPVATASESSNLQSRGDSK
✓	861	895.75	894.74	894.58	0.17	1	0	4.6e+02	1	RLQPILR
✓	1407	1085.06	2168.11	2168.08	0.02	0	0	1.9e+03	1	MSWNTNHVWTVTLTIPPR + Oxidation (M)
✓	225	583.48	1747.43	1746.92	0.51	0	0	1.6e+03	1	INSFIPIICVINCK + Carbamidomethyl (C)
✓	1420	1088.21	3261.60	3261.60	0.00	1	0	1.6e+03	1	MGSTEDALVISCENVHKTYLLGSEGPALR + Carbamidomethyl (C); Oxidation (M)
✓	1637	1181.55	3541.64	3541.70	-0.07	2	0	1.1e+03	1	WVPSSDSGAAAERLCGEATSEAPYYSVADKALLK
✓	623	793.42	792.41	792.45	-0.03	1	0	5.5e+02	1	KYIQGGK
✓	1046	955.29	2862.85	2863.37	-0.52	2	0	1.6e+03	1	GYSGNITPEGLRGSVYEIAKDQHGCR + Carbamidomethyl (C)
✓	1699	1219.06	3654.16	3654.65	-0.49	2	0	1.7e+03	1	GHQCIDNGVEKCDGHQLYTVFSASRYCNQLR + 2 Carbamidomethyl (C)
✓	2207	699.60	2095.78	2096.08	-0.29	2	0	5.7e+02	1	LPWQKFLYTIADKCGK + Carbamidomethyl (C)
✓	1	285.02	284.02							

✓	<u>2</u>	285.04	284.03
✓	<u>3</u>	285.04	284.03
✓	<u>4</u>	285.04	284.03
✓	<u>5</u>	285.05	284.04
✓	<u>6</u>	285.05	284.04
✓	<u>7</u>	285.05	284.05
✓	<u>8</u>	285.07	284.06
✓	<u>9</u>	285.07	284.06
✓	<u>10</u>	285.07	284.06
✓	<u>11</u>	299.11	298.10
✓	<u>12</u>	329.22	328.21
✓	<u>13</u>	355.10	354.09
✓	<u>15</u>	371.12	370.11
✓	<u>16</u>	371.12	370.12
✓	<u>17</u>	371.12	370.12
✓	<u>18</u>	371.15	370.14
✓	<u>19</u>	371.19	370.18
✓	<u>26</u>	429.08	428.07
✓	<u>27</u>	429.09	428.08
✓	<u>28</u>	429.09	428.08
✓	<u>29</u>	429.09	428.09
✓	<u>30</u>	429.12	428.11
✓	<u>31</u>	429.13	428.13
✓	<u>32</u>	429.14	428.13
✓	<u>33</u>	429.15	428.14
✓	<u>34</u>	429.23	428.22
✓	<u>38</u>	434.65	433.65
✓	<u>45</u>	445.11	444.10
✓	<u>46</u>	445.15	444.14
✓	<u>47</u>	445.16	444.15
✓	<u>48</u>	445.18	444.17
✓	<u>49</u>	445.18	444.17
✓	<u>51</u>	446.33	445.33
✓	<u>54</u>	452.63	451.63

✓	55	453.76	452.75
✓	59	457.31	456.31
✓	65	465.61	464.60
✓	67	469.02	468.01
✓	72	473.35	472.34
✓	75	476.86	475.85
✓	80	481.73	480.73
✓	83	484.32	483.32
✓	87	489.56	488.56
✓	91	496.35	495.34
✓	96	501.50	500.50
✓	97	502.51	501.50
✓	99	502.70	501.69
✓	100	503.31	502.31
✓	101	503.42	502.41
✓	104	504.06	503.05
✓	111	510.45	509.44
✓	112	510.84	509.83
✓	113	511.22	510.21
✓	114	511.79	510.79
✓	117	513.61	512.60
✓	123	518.25	517.24
✓	124	518.72	517.71
✓	129	523.24	522.23
✓	130	523.48	522.47
✓	131	524.28	523.27
✓	133	525.83	524.82
✓	134	526.89	525.89
✓	137	527.84	526.83
✓	138	528.08	527.07
✓	139	528.69	527.68
✓	141	530.02	529.02
✓	143	531.34	530.34
✓	145	531.84	530.83

✓	149	533.47	532.47
✓	154	535.81	534.81
✓	157	537.64	536.63
✓	159	542.33	541.33
✓	163	545.75	544.74
✓	168	547.36	546.35
✓	171	551.30	550.29
✓	174	553.30	552.29
✓	175	553.73	552.72
✓	176	553.76	552.75
✓	177	554.50	553.49
✓	183	557.61	556.60
✓	186	559.29	558.29
✓	187	559.71	558.70
✓	188	560.09	559.08
✓	192	563.47	562.46
✓	193	564.34	563.34
✓	196	566.78	565.77
✓	197	567.06	566.05
✓	198	567.14	566.13
✓	200	568.59	567.58
✓	202	569.20	568.19
✓	205	570.14	569.14
✓	209	573.28	572.27
✓	211	573.45	572.44
✓	213	573.97	572.96
✓	214	575.38	574.37
✓	217	577.78	576.77
✓	219	578.38	577.37
✓	220	578.90	577.89
✓	221	581.00	579.99
✓	224	583.17	582.16
✓	226	583.89	582.88
✓	227	584.36	583.35

✓	229	586.03	585.02
✓	232	587.98	586.97
✓	235	590.65	589.64
✓	243	595.93	594.93
✓	247	597.46	596.45
✓	251	599.31	598.30
✓	256	600.06	599.05
✓	258	600.42	599.41
✓	260	601.19	600.18
✓	268	607.72	606.71
✓	272	610.30	609.29
✓	274	610.46	609.45
✓	276	612.37	611.36
✓	278	613.35	612.34
✓	279	613.38	612.37
✓	286	617.92	616.92
✓	289	618.13	617.12
✓	299	624.82	623.81
✓	301	625.47	624.47
✓	304	626.76	625.76
✓	306	627.25	626.24
✓	308	628.62	627.61
✓	309	628.95	627.94
✓	312	630.47	629.46
✓	318	632.48	631.47
✓	327	637.03	636.02
✓	328	637.66	636.66
✓	329	637.80	636.79
✓	330	638.30	637.29
✓	332	639.55	638.55
✓	333	640.28	639.27
✓	334	641.16	640.15
✓	335	641.38	640.37
✓	336	641.61	640.61

✓	341	644.57	643.57
✓	342	644.63	643.62
✓	344	645.37	644.36
✓	346	645.83	644.82
✓	351	647.16	646.15
✓	354	648.05	647.04
✓	355	648.20	647.19
✓	356	649.18	648.17
✓	358	649.83	648.83
✓	363	650.40	649.39
✓	364	650.50	649.50
✓	366	650.77	649.76
✓	367	652.86	651.85
✓	369	654.72	653.71
✓	372	655.53	654.52
✓	377	658.40	657.39
✓	378	658.69	657.68
✓	379	659.06	658.05
✓	380	659.43	658.43
✓	381	661.02	660.01
✓	384	663.08	662.07
✓	385	663.25	662.25
✓	386	665.41	664.41
✓	387	665.70	664.69
✓	390	668.17	667.16
✓	394	672.20	671.19
✓	395	672.39	671.38
✓	397	673.58	672.57
✓	398	673.96	672.95
✓	400	674.50	673.49
✓	401	675.42	674.42
✓	403	677.55	676.54
✓	404	678.13	677.12
✓	405	678.58	677.57

✓	408	680.49	679.48
✓	409	681.02	680.02
✓	412	682.30	681.30
✓	417	683.92	682.91
✓	419	685.53	684.52
✓	425	688.07	687.06
✓	429	692.15	691.14
✓	431	694.05	693.05
✓	434	695.17	694.16
✓	437	697.29	696.28
✓	443	699.68	698.68
✓	445	700.57	699.57
✓	448	703.21	702.20
✓	453	705.61	704.61
✓	454	705.87	704.86
✓	455	707.13	706.13
✓	459	709.36	708.35
✓	466	714.57	713.56
✓	469	715.63	714.63
✓	470	715.99	714.98
✓	477	718.77	717.76
✓	478	720.34	719.33
✓	481	720.90	719.90
✓	483	722.30	721.29
✓	485	722.71	721.70
✓	490	726.50	725.50
✓	493	726.96	725.95
✓	496	728.42	727.41
✓	497	729.01	728.00
✓	498	729.17	728.16
✓	500	730.40	729.40
✓	501	730.75	729.74
✓	503	730.90	729.89
✓	506	732.23	731.22

✓	508	732.95	731.95
✓	509	733.14	732.14
✓	510	733.33	732.32
✓	512	734.56	733.55
✓	514	735.66	734.65
✓	517	737.12	736.11
✓	519	738.00	736.99
✓	521	738.38	737.37
✓	522	738.84	737.84
✓	523	739.41	738.40
✓	524	739.61	738.60
✓	525	739.63	738.62
✓	526	739.95	738.94
✓	535	745.84	744.83
✓	542	750.32	749.31
✓	546	754.02	753.02
✓	548	755.46	754.45
✓	549	755.71	754.70
✓	550	756.22	755.22
✓	551	757.38	756.37
✓	554	759.89	758.88
✓	559	764.08	763.07
✓	561	764.49	763.48
✓	564	766.12	765.11
✓	565	766.52	765.51
✓	566	766.98	765.97
✓	568	768.39	767.38
✓	569	768.67	767.66
✓	573	771.10	770.09
✓	575	772.46	771.45
✓	576	773.51	772.51
✓	585	775.71	774.70
✓	587	777.26	776.25
✓	588	777.36	776.35

✓	589	777.37	776.37
✓	593	782.26	781.25
✓	594	782.43	781.42
✓	595	782.45	781.44
✓	597	783.71	782.70
✓	601	784.92	783.91
✓	602	785.33	784.32
✓	604	786.07	785.06
✓	606	787.20	786.19
✓	610	787.81	786.81
✓	614	789.89	788.88
✓	617	792.48	791.47
✓	621	793.34	792.33
✓	622	793.42	792.41
✓	626	793.88	792.87
✓	627	794.30	793.29
✓	628	795.15	794.15
✓	629	795.53	794.52
✓	630	796.56	795.55
✓	631	797.11	796.10
✓	632	797.53	796.52
✓	634	798.22	797.21
✓	638	800.35	799.34
✓	640	803.23	802.23
✓	641	803.72	802.71
✓	642	803.81	802.80
✓	644	805.08	804.07
✓	647	806.05	805.04
✓	648	806.49	805.49
✓	649	807.72	806.71
✓	651	808.28	807.27
✓	653	808.76	807.75
✓	654	808.91	807.90
✓	656	809.89	808.88

✓	660	812.36	811.35
✓	662	813.27	812.26
✓	665	814.71	813.70
✓	667	815.14	814.14
✓	669	408.25	814.49
✓	670	815.81	814.81
✓	673	816.48	815.47
✓	674	816.49	815.49
✓	679	820.91	819.91
✓	681	821.49	820.48
✓	692	825.43	824.43
✓	698	827.97	826.96
✓	701	828.47	827.46
✓	708	831.12	830.11
✓	709	416.26	830.50
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✓	714	833.06	832.06
✓	715	834.00	832.99
✓	719	835.27	834.26
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[illegible]

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✓	2224	709.96	2126.84
✓	2227	712.10	2133.28
✓	2231	714.52	2140.53
✓	2232	714.66	2140.96
✓	2235	1075.41	2148.81
✓	2236	1076.53	2151.04
✓	2237	1078.96	2155.90
✓	2241	1084.15	2166.28
✓	2242	724.76	2171.25
✓	2245	1088.62	2175.23
✓	2247	1090.74	2179.47
✓	2248	1090.88	2179.75
✓	2249	727.97	2180.89
✓	2250	1091.49	2180.97
✓	2251	1101.30	2200.59
✓	2252	1103.25	2204.48

✓ 2253	1105.37	2208.73
✓ 2257	1114.70	2227.38
✓ 2258	1115.32	2228.63
✓ 2259	1118.16	2234.31
✓ 2260	1119.60	2237.18
✓ 2266	751.14	2250.40
✓ 2267	1126.58	2251.15
✓ 2277	754.71	2261.09
✓ 2280	1134.42	2266.84
✓ 2284	1138.69	2275.36
✓ 2289	765.64	2293.91
✓ 2291	767.07	2298.19
✓ 2292	768.25	2301.72
✓ 2294	770.79	2309.34
✓ 2295	770.98	2309.92
✓ 2301	779.90	2336.69
✓ 2303	1172.57	2343.12
✓ 2307	784.55	2350.63
✓ 2308	784.82	2351.44
✓ 2313	788.15	2361.44
✓ 2314	1182.20	2362.39
✓ 2316	789.22	2364.63
✓ 2324	795.40	2383.18
✓ 2333	807.84	2420.50
✓ 2337	814.12	2439.35
✓ 2338	816.18	2445.52
✓ 2344	825.87	2474.57
✓ 2345	826.59	2476.74
✓ 2350	833.23	2496.67
✓ 2354	839.65	2515.92
✓ 2355	840.65	2518.92
✓ 2367	860.09	2577.25
✓ 2370	866.57	2596.69
✓ 2372	868.77	2603.28

✓ 2373	872.68	2615.01
✓ 2379	878.71	2633.12
✓ 2380	882.64	2644.90
✓ 2382	884.52	2650.53
✓ 2387	892.45	2674.33
✓ 2389	893.02	2676.03
✓ 2394	897.53	2689.57
✓ 2402	914.27	2739.78
✓ 2403	918.63	2752.87
✓ 2409	925.04	2772.10
✓ 2411	926.61	2776.81
✓ 2414	935.39	2803.16
✓ 2415	935.46	2803.35
✓ 2417	937.22	2808.64
✓ 2419	941.67	2821.99
✓ 2421	949.66	2845.96
✓ 2425	952.74	2855.19
✓ 2426	957.73	2870.16
✓ 2429	962.96	2885.87
✓ 2430	962.98	2885.91
✓ 2431	965.22	2892.65
✓ 2439	973.59	2917.75
✓ 2440	975.24	2922.70
✓ 2446	984.79	2951.36
✓ 2448	987.73	2960.16
✓ 2449	991.09	2970.24
✓ 2450	994.85	2981.52
✓ 2451	995.98	2984.92
✓ 2452	996.83	2987.46
✓ 2453	997.91	2990.70
✓ 2457	1006.93	3017.76
✓ 2458	1018.13	3051.38
✓ 2459	1021.56	3061.67
✓ 2467	1048.26	3141.76

✓ 2476	<i>1066.07</i>	<i>3195.20</i>
✓ 2477	<i>1066.52</i>	<i>3196.52</i>
✓ 2478	<i>1068.94</i>	<i>3203.81</i>
✓ 2484	<i>1090.15</i>	<i>3267.42</i>
✓ 2485	<i>1092.21</i>	<i>3273.60</i>
✓ 2491	<i>1127.70</i>	<i>3380.09</i>
✓ 2492	<i>1137.01</i>	<i>3407.99</i>
✓ 2494	<i>1140.64</i>	<i>3418.89</i>
✓ 2495	<i>1151.46</i>	<i>3451.36</i>
✓ 2496	<i>1159.44</i>	<i>3475.31</i>
✓ 2498	<i>1207.99</i>	<i>3620.95</i>

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 : 2499

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