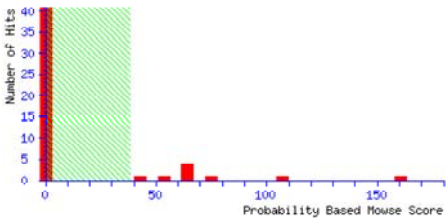


Mascot Search Results

User :
Email :
Search title : D:\ncc_202502\ncc-1_8micro.wiff (sample number 1)
MS data file : C:\DOCUME~1\ADMINI~1\LOCALS~1\Temp\mas1B07.tmp
Database : H_sapiens sapiens_202408 (204500 sequences; 61887332 residues)
Timestamp : 27 Feb 2025 at 05:41:24 GMT
Protein hits : tr|H6VRF8|H6VRF8_HUMAN Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV
tr|A0A1B0GVI3|A0A1B0GVI3_HUMAN Keratin, type I cytoskeletal 10 OS=Homo sapiens OX=9606 GN=KRT10 PE=1 S
sp|P08754|GNAI3_HUMAN Guanine nucleotide-binding protein G(i) subunit alpha-3 OS=Homo sapiens
tr|B4DWV9|B4DWV9_HUMAN cDNA FLJ53108, highly similar to Guanine nucleotide-binding protein alp
tr|Q5T697|Q5T697_HUMAN Guanine nucleotide binding protein (G protein), alpha transducing activ
tr|A0A1W2PS82|A0A1W2PS82_HUMAN Guanine nucleotide-binding protein G(o) subunit alpha OS=Homo sapiens O
sp|Q03113|GNA12_HUMAN Guanine nucleotide-binding protein subunit alpha-12 OS=Homo sapiens OX=
sp|P35527|K1C9_HUMAN Keratin, type I cytoskeletal 9 OS=Homo sapiens OX=9606 GN=KRT9 PE=1 SV=
tr|Q8TC04|Q8TC04_HUMAN Keratin 23 (Histone deacetylase inducible) OS=Homo sapiens OX=9606 GN=K

Probability Based Mowse Score

Ions score is -10*Log(P), where P is the probability that the observed match is a random event.
Individual ions scores > 38 indicate identity or extensive homology (p<0.05).
Protein scores are derived from ions scores as a non-probabilistic basis for ranking protein hits.



Peptide Summary Report

Format As Peptide Summary Help

Significance threshold p< 0.05 Max. number of hits AUTO

Standard scoring MudPIT scoring Ions score or expect cut-off 0 Show sub-sets 0

Show pop-ups Suppress pop-ups Sort unassigned Decreasing Score Require bold red

Select All Select None Search Selected Error tolerant Archive Report

1. tr|H6VRF8|H6VRF8_HUMAN Mass: 66013 Score: 161 Queries matched: 8 emPAI: 0.47
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV=1
Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 187	487.3065	972.5984	972.5240	0.0745	0	33	0.15	1	K.IEISELNR.V
☒ 196	517.3079	1032.6012	1032.5087	0.0925	0	43	0.017	1	R.TLLEGEESR.M
☒ 205	533.2987	1064.5829	1064.5138	0.0690	0	38	0.044	1	K.AQYEDIAQK.S
☒ 211	563.2905	1124.5665	1124.5349	0.0316	0	38	0.05	1	K.AEAESLYQSK.Y
☒ 216	590.3614	1178.7082	1178.5931	0.1150	0	63	0.00016	1	K.YEELQITAGR.H
☒ 280	692.3977	1382.7808	1382.6830	0.0977	0	52	0.0018	1	K.SLNNQFASFIDK.V
☒ 282	465.4000	1393.1782	1392.7249	0.4533	1	41	0.02	1	R.TNAENEFVTIKK.D
☒ 290	738.4468	1474.8791	1474.7780	0.1011	0	48	0.0049	1	R.FLEQQNQVLQTK.W

Proteins matching the same set of peptides:

tr|H6VRF9|H6VRF9_HUMAN Mass: 66029 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV=1
tr|H6VRG0|H6VRG0_HUMAN Mass: 65930 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV=1
tr|H6VRG1|H6VRG1_HUMAN Mass: 66086 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=1 SV=1
tr|H6VRG2|H6VRG2_HUMAN Mass: 66026 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV=1
tr|H6VRG3|H6VRG3_HUMAN Mass: 66071 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=3 SV=1
sp|P04264|K2C1_HUMAN Mass: 65999 Score: 161 Queries matched: 8
Keratin, type II cytoskeletal 1 OS=Homo sapiens OX=9606 GN=KRT1 PE=1 SV=6

2. tr|A0A1B0GVI3|A0A1B0GVI3_HUMAN Mass: 63308 Score: 104 Queries matched: 4 emPAI: 0.19
Keratin, type I cytoskeletal 10 OS=Homo sapiens OX=9606 GN=KRT10 PE=1 SV=2
Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 95	405.2546	808.4947	808.4330	0.0617	0	58	0.00049	1	R.LASYLDK.V
☒ 195	516.3406	1030.6666	1030.5910	0.0755	0	59	0.00037	1	R.VLDELTLTK.A
☒ 207	545.9000	1089.7854	1089.5237	0.2618	0	58	0.00058	1	K.VTMQNLNDR.L

☒ [291](#) **498.6391 1492.8954 1492.7270 0.1684 1 17 7.2 1 R.SQYEQLAEQNRK.D**

Proteins matching the same set of peptides:

[sp|P13645|K1C10_HUMAN](#) Mass: 58792 Score: 104 Queries matched: 4
Keratin, type I cytoskeletal 10 OS=Homo sapiens OX=9606 GN=KRT10 PE=1 SV=6

3. [sp|P08754|GNAI3_HUMAN](#) Mass: 40506 Score: 78 Queries matched: 4 emPAI: 0.30
Guanine nucleotide-binding protein G(i) subunit alpha-3 OS=Homo sapiens OX=9606 GN=GNAI3 PE=1 SV=3
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 202	529.3565	1056.6985	1056.6179	0.0806	0	68	7.3e-005	1	K.LLLLGGESGK.S
☒ 208	548.7651	1095.5156	1095.4768	0.0388	0	31	0.22	1	R.DGGVQACFSR.S + Carbamidomethyl (C)
☒ 279	460.9837	1379.9293	1379.7085	0.2207	0	40	0.027	1	K.TTGIVETHFTFK.D
☒ 300	532.2894	1593.8462	1593.6617	0.1845	0	14	9.9	1	K.IIHEDGYSEDECK.Q + Carbamidomethyl (C)

4. [tr|B4DWV9|B4DWV9_HUMAN](#) Mass: 40949 Score: 68 Queries matched: 3 emPAI: 0.09
cDNA FLJ53108, highly similar to Guanine nucleotide-binding protein alpha-13 subunit OS=Homo sapiens OX=9606 PE=2
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
202	529.3565	1056.6985	1056.6179	0.0806	0	68	7.3e-005	1	K.LLLLGGESGK.S
247	639.3744	1276.7343	1276.5904	0.1440	0	5	90	2	R.APMAAQGMVETR.V + Oxidation (M)
367	616.4510	2461.7749	2461.2974	0.4776	1	6	86	2	R.APMAAQGMVETRFLQYLPAIR.A

Proteins matching the same set of peptides:

[sp|Q14344|GNAI3_HUMAN](#) Mass: 44022 Score: 68 Queries matched: 3
Guanine nucleotide-binding protein subunit alpha-13 OS=Homo sapiens OX=9606 GN=GNAI3 PE=1 SV=2

5. [tr|Q5T697|Q5T697_HUMAN](#) Mass: 40150 Score: 68 Queries matched: 2 emPAI: 0.09
Guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2 OS=Homo sapiens OX=9606 GN=Q5T697 PE=1 SV=2
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
202	529.3565	1056.6985	1056.6179	0.0806	0	68	7.3e-005	1	K.LLLLGGESGK.S
279	460.9837	1379.9293	1379.7701	0.1592	0	7	59	7	K.FVFDAVTDIIRK.E

Proteins matching the same set of peptides:

[sp|A8MTJ3|GNAT3_HUMAN](#) Mass: 40331 Score: 68 Queries matched: 2
Guanine nucleotide-binding protein G(t) subunit alpha-3 OS=Homo sapiens OX=9606 GN=GNAT3 PE=1 SV=2
[sp|P11488|GNAT1_HUMAN](#) Mass: 40015 Score: 68 Queries matched: 2
Guanine nucleotide-binding protein G(t) subunit alpha-1 OS=Homo sapiens OX=9606 GN=GNAT1 PE=1 SV=5
[sp|P19087|GNAT2_HUMAN](#) Mass: 40150 Score: 68 Queries matched: 2
Guanine nucleotide-binding protein G(t) subunit alpha-2 OS=Homo sapiens OX=9606 GN=GNAT2 PE=1 SV=4

6. [tr|A0A1W2PS82|A0A1W2PS82_HUMAN](#) Mass: 16070 Score: 68 Queries matched: 2 emPAI: 0.24
Guanine nucleotide-binding protein G(o) subunit alpha OS=Homo sapiens OX=9606 GN=GNAO1 PE=1 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
202	529.3565	1056.6985	1056.6179	0.0806	0	68	7.3e-005	1	K.LLLLGGESGK.S
304	545.9000	1634.6782	1634.7563	-0.0781	0	6	54	5	R.AGHPPNQGGQNHWR.R

7. [sp|Q03113|GNAI2_HUMAN](#) Mass: 44251 Score: 68 Queries matched: 2 emPAI: 0.08
Guanine nucleotide-binding protein subunit alpha-12 OS=Homo sapiens OX=9606 GN=GNAI2 PE=1 SV=4
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
202	529.3565	1056.6985	1056.6179	0.0806	0	68	7.3e-005	1	K.LLLLGGESGK.S
249	427.2595	1278.7568	1278.6568	0.1000	1	7	47	2	R.RSEFQLGESVK.Y

8. [sp|P35527|K1C9_HUMAN](#) Mass: 62027 Score: 49 Queries matched: 4 emPAI: 0.19
Keratin, type I cytoskeletal 9 OS=Homo sapiens OX=9606 GN=KRT9 PE=1 SV=3
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
95	405.2546	808.4947	808.4330	0.0617	0	58	0.00049	1	R.LASYLDK.V
☒ 167	449.2577	896.5009	896.4062	0.0947	0	15	12	1	R.MTLDDFR.I
☒ 203	530.8230	1059.6315	1059.5560	0.0754	0	31	0.27	1	K.TLLDIDNTR.M
205	533.2987	1064.5829	1064.4920	0.0908	0	15	8.6	2	K.STMQELNSR.L

9. [tr|Q8TC04|Q8TC04_HUMAN](#) Score: 42 Queries matched: 1
Keratin 23 (Histone deacetylase inducible) OS=Homo sapiens OX=9606 GN=KRT23 PE=2 SV=1
☐ Check to include this hit in error tolerant search or archive report

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
95	405.2546	808.4947	808.4330	0.0617	0	42	0.018	2	R.LASYVEK.V

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

Query	Observed	Mr(expt)	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
☒ 126	421.7738	841.5331	841.4480	0.0851	0	30	0.26	1	VASIPCP
☒ 144	428.7854	855.5562	855.4636	0.0926	0	29	0.39	1	IASIPCP
☒ 152	435.7990	869.5834	869.4971	0.0863	0	18	4.1	1	VVDVSVPR
☒ 127	422.9000	843.7854	843.4926	0.2928	1	17	12	1	TAQAKVAR
☒ 98	409.2354	816.4563	816.4090	0.0474	1	17	7.5	1	AQADKER
☒ 180	480.2917	958.5689	958.5923	-0.0235	1	16	8.7	1	IRITLTSR
☒ 240	421.7917	1262.3534	1262.6871	-0.3337	0	16	8.5	1	VTAIQTEVFQK
☒ 327	610.1000	1827.2782	1826.8873	0.3909	0	16	6.1	1	MVDHLLPVDFSSPK
☒ 115	417.4000	832.7854	832.4014	0.3841	0	15	11	1	CWLNAAR
☒ 239	420.0142	1257.0208	1256.7638	0.2570	1	15	8.8	1	LLNLMQLRK + Oxidation (M)
☒ 363	599.4178	2393.6423	2394.0459	-0.4037	1	15	5.7	1	APESDTGDEDDQDERDTVFLK
☒ 178	473.2591	944.5037	944.5113	-0.0076	1	15	15	1	TPPSMRLLK + Oxidation (M)
☒ 112	416.5192	831.0238	831.4715	-0.4477	1	14	13	1	KHHQGLI
☒ 283	467.2210	1398.6410	1398.6094	0.0317	1	14	10	1	GMEHLYSMCKK + Carbamidomethyl (C); Oxidation (M)
☒ 273	441.8099	1322.4078	1322.5891	-0.1813	0	14	11	1	TNFSYSTGYGAR
☒ 172	459.4000	916.7854	916.4589	0.3266	0	13	15	1	LLCEHFR
☒ 217	599.3000	1196.5854	1196.6765	-0.0910	1	13	15	1	KLGELEPEINGK
☒ 86	402.2318	802.4490	802.4409	0.0081	1	13	19	1	AGSSVRAR
☒ 260	652.4350	1302.8554	1302.6278	0.2276	0	13	14	1	MYNLLLSYDR + Oxidation (M)
☒ 324	599.3000	1794.8782	1795.1157	-0.2376	0	13	10	1	FLGLLLLLLGAACLIPR
☒ 119	419.2949	836.5753	836.4980	0.0773	0	13	14	1	RPAGIPAR
☒ 82	401.3189	800.6232	800.4756	0.1476	0	13	19	1	ISAEILR
☒ 99	409.2498	816.4851	816.4031	0.0821	0	13	19	1	AAGWWAR
☒ 87	402.2379	802.4612	802.4409	0.0202	1	13	21	1	AGSSVRAR
☒ 122	419.7131	837.4117	837.3651	0.0467	0	13	15	1	MSTEAQR + Oxidation (M)
☒ 198	524.7000	1047.3854	1047.4469	-0.0614	0	13	17	1	DQDAIEDSR
☒ 85	402.2316	802.4487	802.4409	0.0077	1	13	22	1	AGSSVRAR
☒ 229	410.3008	1227.8805	1227.6104	0.2702	1	12	17	1	LKMLNYQMR + 2 Oxidation (M)
☒ 313	427.2138	1704.8261	1704.8101	0.0160	1	12	18	1	NVALREAEVEDMASR + Oxidation (M)
☒ 318	573.4000	1717.1782	1716.8253	0.3528	1	12	15	1	HKYTIDAMSLHTR + Oxidation (M)
☒ 304	545.9000	1634.6782	1634.8767	-0.1985	0	12	13	1	AEIDILAAEYISTVK
☒ 91	404.4000	806.7854	806.4538	0.3317	0	12	26	1	FIASIEK
☒ 171	459.2000	916.3854	916.4549	-0.0694	1	12	22	1	KSAACGQPR
☒ 365	610.2133	2436.8243	2437.1552	-0.3309	1	12	16	1	VKPDSPLNLQEDMQYMAMR + Oxidation (M)
☒ 160	445.2301	888.4456	888.4929	-0.0473	1	12	29	1	LNPYRAR
☒ 277	459.2000	1374.5782	1374.6966	-0.1184	1	12	17	1	FPKGTDTTMLHK
☒ 237	417.4000	1249.1782	1249.4791	-0.3009	1	12	18	1	CDRYCQCFR + Carbamidomethyl (C)
☒ 367	616.4510	2461.7749	2462.0292	-0.2543	0	12	23	1	LGEVYNPSHSTPSPAGENDTSSC + Carbamidomethyl (C)
☒ 84	402.2245	802.4345	802.3933	0.0412	0	12	28	1	GSGAGELGR
☒ 121	419.3493	836.6840	836.3884	0.2956	0	12	20	1	MGLVMDR + Oxidation (M)
☒ 180	425.3044	848.5942	848.4102	0.1839	0	12	24	1	EVLICSW
☒ 322	441.9545	1763.7891	1763.7865	0.0026	0	11	17	1	ENDHLYFIFEYMK + Oxidation (M)
☒ 145	404.4511	858.8877	859.3606	-0.4729	0	11	32	1	SQHNCCK + Carbamidomethyl (C)
☒ 176	469.6000	937.1854	937.4505	-0.2650	1	11	25	1	EAKENYVK
☒ 222	405.1000	1212.2782	1212.5346	-0.2564	0	11	21	1	GPMHGSDFPPR + Oxidation (M)
☒ 235	416.4000	1246.1782	1246.6241	-0.4459	0	11	27	1	VNNMHPAVHTK
☒ 262	436.9333	1307.7779	1307.7561	0.0218	0	11	32	1	AVATSVLHLLER
☒ 343	499.4498	1993.7701	1994.0473	-0.2772	0	10	27	1	PVIPATWQAEVGESLELR
☒ 230	616.6634	1231.3123	1231.6673	-0.3550	0	10	26	1	APPSLPHSASLR
☒ 117	419.2813	836.5481	836.4868	0.0613	0	10	26	1	APQPVVAR
☒ 209	555.3711	1108.7276	1108.5989	0.1287	0	10	25	1	AASHVAQANLK
☒ 301	534.4000	1600.1782	1599.7975	0.3806	1	10	22	1	QVFPIMCAYKLCK + Carbamidomethyl (C)
☒ 132	425.8065	849.5985	849.4014	0.1970	0	10	33	1	TQMAEVR + Oxidation (M)
☒ 310	416.1458	1660.5542	1660.8566	-0.3024	1	10	25	1	RMASGNGLPSSALVAK + Oxidation (M)
☒ 278	459.4000	1375.1782	1374.7112	0.4670	0	10	39	1	AVCAGLICTALAR + 2 Carbamidomethyl (C)
☒ 231	413.2000	1236.5782	1236.6172	-0.0391	0	10	25	1	LQMFETSLPR + Oxidation (M)
☒ 357	761.7284	2282.1634	2282.1625	0.0009	1	10	18	1	MEMLTLEPLHTLLHMKWK + 2 Oxidation (M)
☒ 332	629.1452	1884.4138	1883.9233	0.4905	1	10	21	1	CTNSVVKYELMRPSNK + Oxidation (M)
☒ 381	898.1913	2691.5520	2691.2441	0.3079	1	10	15	1	GADSVIMDLLEDPAQVPDINMEKK + Carbamidomethyl (C)
☒ 319	432.2000	1724.7709	1724.6519	0.1190	1	10	27	1	REECEGHNGCYDEK + Carbamidomethyl (C)
☒ 111	416.4000	830.7854	830.4861	0.2993	1	10	37	1	KASPLTSK
☒ 220	404.4000	1210.1782	1210.6571	-0.4789	1	10	32	1	GPDYRVLVHR
☒ 323	897.9864	1793.9582	1793.9321	0.0262	0	10	24	1	CLGHLFSLGMYVLR + Carbamidomethyl (C); Oxidation (M)
☒ 156	441.8043	881.5940	881.5083	0.0857	1	10	28	1	VPSRAAPGK
☒ 221	404.4000	1210.1782	1210.5773	-0.3991	0	10	33	1	HCPLLPLCCR + Carbamidomethyl (C)
☒ 336	484.3533	1933.3842	1933.0381	0.3461	1	10	27	1	APPGGAEEGPTLLQRLR
☒ 369	616.4875	2461.9209	2462.0292	-0.1083	0	10	42	1	LGEVYNPSHSTPSPAGENDTSSC + Carbamidomethyl (C)
☒ 330	616.4401	1846.2984	1845.8390	0.4594	0	10	25	1	APPSPPCDITCLESFR + 2 Carbamidomethyl (C)
☒ 100	409.3000	816.5854	816.4817	0.1037	1	9	42	1	RTSNLVK
☒ 361	599.3686	2393.4453	2393.1645	0.2807	1	9	20	1	TFIVRQSIHDEISVSSMDASR + Oxidation (M)
☒ 78	660.6000	659.5927	659.3490	0.2437	0	9	71	1	DLTPSK
☒ 243	425.2639	1272.7699	1272.6197	0.1501	0	9	53	1	DPLSEITNQEK
☒ 206	534.4000	1066.7854	1066.6498	0.1356	1	9	37	1	AQLIKAAPAGK
☒ 223	405.1132	1212.3178	1212.6285	-0.3106	1	9	33	1	MHLAGKTEQAK
☒ 373	639.6402	2554.5319	2554.2778	0.2541	0	9	21	1	VYLTTGYFNLTQAYMDLVLGTR + Oxidation (M)
☒ 175	465.4000	928.7854	928.5454	0.2401	1	9	44	1	SGRGLALQK
☒ 274	442.3092	1323.9059	1323.6531	0.2528	0	9	54	1	SQVAAAAHEANK
☒ 271	441.8089	1322.4049	1322.7558	-0.3509	1	9	32	1	EPVISSVHTKVK
☒ 133	425.8089	849.6033	849.4630	0.1403	0	9	44	1	TMVSLGVK + Oxidation (M)
☒ 93	405.1000	808.1854	808.4668	-0.2813	1	9	35	1	AHRIGQK
☒ 219	404.2000	1209.5782	1209.5924	-0.0143	0	9	46	1	HATQGTMSHLK

☒	250	640.3893	1278.7641	1278.6312	0.1329	0	9	34	1	LVNELSGEMVR + Oxidation (M)
☒	366	611.1265	2440.4768	2440.3302	0.1465	1	9	31	1	FISFTLYLIGFCMFVLSLAKK
☒	375	639.6491	2554.5673	2554.2778	0.2896	0	9	23	1	VYLTTGYFNLTQAYMDLVLGTR + Oxidation (M)
☒	197	522.4000	1042.7854	1042.5229	0.2625	1	9	39	1	TPRVNCPK
☒	247	639.3744	1276.7343	1276.6564	0.0779	1	9	38	1	ELPQSRFSWK
☒	320	437.1000	1744.3709	1743.8726	0.4983	0	9	31	1	HIMQYIAAVTNPSQR + Oxidation (M)
☒	164	445.3178	888.6211	888.4301	0.1910	0	9	60	1	DNLNSAQK
☒	370	628.2135	2508.8249	2509.1148	-0.2899	1	8	26	1	WEEPQAGASMGGMCLSLAPRSSR + Carbamidomethyl (C)
☒	249	427.2595	1278.7568	1278.8499	-0.0931	1	8	38	1	KLLIIISRPAR
☒	128	424.2878	846.5610	846.4447	0.1164	0	8	52	1	ESIVNASK
☒	158	441.8213	881.6281	881.5447	0.0835	1	8	38	1	VPVRNLGK
☒	236	417.2000	1248.5782	1248.6900	-0.1118	0	8	40	1	MYIIIAKPER + Oxidation (M)
☒	104	413.2000	824.3854	824.4756	-0.0902	0	8	37	1	GPIGSIGPK
☒	83	402.2138	802.4131	802.4450	-0.0319	1	8	61	1	RQAGFFPK
☒	170	455.3269	908.6393	908.4940	0.1453	1	8	43	1	EAAGRLHR
☒	81	401.2233	800.4320	800.4617	-0.0296	1	8	58	1	QALSRAR
☒	201	529.3399	1056.6652	1056.6291	0.0361	0	8	66	1	ILINGASTLR
☒	192	499.4838	996.9530	997.4395	-0.4865	0	8	43	1	MIGMMLDR + 2 Oxidation (M)
☒	108	414.2347	826.4548	826.4661	-0.0113	1	8	45	1	SNLTKHK
☒	281	463.4000	1387.1782	1387.6410	-0.4628	0	8	38	1	LECNMILAHCK + Carbamidomethyl (C)
☒	244	425.7824	1274.3253	1274.6830	-0.3577	1	8	46	1	EALSTALSEKR
☒	120	419.3378	836.6609	836.3521	0.3089	0	8	48	1	MGPVMDR + 2 Oxidation (M)
☒	275	445.2000	1332.5782	1332.6819	-0.1038	1	8	52	1	NAALSRIIMGESGK
☒	191	498.9691	995.9237	995.5625	0.3612	1	8	1.1e+002	1	SLRTVHQR
☒	194	503.2000	1004.3854	1004.5841	-0.1986	1	8	55	1	KIKPGFMGK
☒	256	641.9000	1281.7854	1281.5945	0.1910	1	7	62	1	MLKLCGETEDK + Oxidation (M)
☒	241	422.9000	1265.6782	1265.6649	0.0132	1	7	47	1	LGSQTLTKTCSK
☒	261	435.8049	1304.3929	1304.7492	-0.3563	1	7	51	1	LLLYGDAWVK
☒	62	545.9000	544.8927	545.3173	-0.4246	1	7	86	1	AEAKK
☒	347	523.5000	2089.9709	2089.8728	0.0981	0	7	35	1	ASTHNCDRPSTGVMECR + 2 Carbamidomethyl (C)
☒	89	404.2000	806.3854	806.4286	-0.0432	0	7	75	1	ELSGVFR
☒	270	441.3502	1321.0287	1321.5166	-0.4879	0	7	51	1	SGYMSDSL MGK + 2 Oxidation (M)
☒	227	611.1547	1220.2949	1220.6513	-0.3564	1	7	2.2e+002	1	NQDRFISTLK
☒	259	434.7481	1301.2224	1301.6333	-0.4109	1	7	56	1	KCCIHGSGLQTR
☒	337	485.3256	1937.2735	1936.8304	0.4431	1	7	61	1	TGCGCLAPFCESVMKR + Carbamidomethyl (C)
☒	193	499.6000	997.1854	997.4903	-0.3048	0	7	57	1	LMDFLT SR + Oxidation (M)
☒	287	484.5000	1450.4782	1450.6796	-0.2014	1	7	1.1e+002	1	LAKECMLQEENK + Oxidation (M)
☒	257	430.5000	1288.4782	1288.6874	-0.2092	1	7	62	1	EDISAKESALVK
☒	173	463.4000	924.7854	924.3833	0.4021	0	7	65	1	NCDLMWK + Oxidation (M)
☒	263	657.4314	1312.8483	1312.5904	0.2579	0	7	60	1	GSTMAAFPICSR + Carbamidomethyl (C); Oxidation (M)
☒	200	528.2129	1054.4113	1054.5229	-0.1116	0	7	58	1	APLC PDNLR + Carbamidomethyl (C)
☒	153	436.9296	871.8447	871.5127	0.3320	0	7	72	1	QTLIER
☒	151	433.4000	864.7854	864.4058	0.3796	1	6	67	1	MLRCGGR + Carbamidomethyl (C); Oxidation (M)
☒	344	499.4657	1993.8338	1993.9965	-0.1627	0	6	67	1	LMCELGNIINQIYER + Oxidation (M)
☒	142	428.2245	854.4344	854.5338	-0.0994	0	6	48	1	IAAGLLAAR
☒	232	415.0498	1242.1276	1242.5663	-0.4386	0	6	79	1	LSCAASGFTSSR + Carbamidomethyl (C)
☒	123	420.2281	838.4417	838.4297	0.0120	0	6	57	1	HVEEA VR
☒	212	570.1285	1138.2425	1138.6710	-0.4285	0	6	70	1	ITSVPALVSPR
☒	245	425.8168	1274.4284	1274.5457	-0.1173	0	6	66	1	MNMVFNLC SK + Carbamidomethyl (C); 2 Oxidation (M)
☒	374	639.6478	2554.5622	2554.2778	0.2844	0	6	42	1	VYLTTGYFNLTQAYMDLVLGTR + Oxidation (M)
☒	134	425.8184	849.6223	849.4378	0.1845	0	6	86	1	LQSMTVR + Oxidation (M)
☒	109	415.1000	828.1854	828.4930	-0.3075	1	6	79	1	RSAGLLR
☒	185	485.3417	968.6689	968.4386	0.2303	0	6	66	1	MPGPPQAAGQ + Oxidation (M)
☒	248	639.3841	1276.7537	1276.7391	0.0146	1	6	68	1	TAIFGGGTKLTVL
☒	302	404.2003	1612.7722	1612.7627	0.0094	0	6	57	1	NPSTISSPGHCASLR
☒	345	511.3405	2041.3327	2040.8604	0.4723	0	6	52	1	CHCSPGYVAEAGPPHCTAK + 2 Carbamidomethyl (C)
☒	215	573.4000	1144.7854	1144.5724	0.2130	0	6	73	1	DLEVVEGSAAR
☒	272	441.8098	1322.4076	1322.5891	-0.1816	0	6	65	1	TNFSYSGTYGAR
☒	150	432.3031	862.5916	862.3967	0.1949	0	6	80	1	RPCSESK + Carbamidomethyl (C)
☒	314	427.2873	1705.1199	1704.7382	0.3817	0	6	79	1	EVIIMATNCENCGRH + Oxidation (M)
☒	286	484.2339	1449.6799	1449.7939	-0.1141	1	6	71	1	IKLYSSITNQQR
☒	179	477.3171	952.6196	952.5566	0.0630	1	6	67	1	TL SRLAHR
☒	143	428.2976	854.5807	854.4722	0.1085	1	6	56	1	LGTRGHSK
☒	307	413.3013	1649.1763	1648.6895	0.4867	0	6	1.2e+002	1	TYISQVCDDTMVCR + Oxidation (M)
☒	135	427.2627	852.5109	852.5293	-0.0185	0	6	86	1	AALVRPAR
☒	258	433.4000	1297.1782	1296.7554	0.4228	0	6	72	1	TPVAVTAWALLR
☒	65	599.3000	598.2927	598.3439	-0.0511	0	6	47	1	EVPVR
☒	285	484.2254	1449.6543	1449.7939	-0.1397	1	6	73	1	IKLYSSITNQQR
☒	328	610.1000	1827.2782	1826.9713	0.3069	1	6	60	1	TFSRLMNLTFDLTR
☒	161	445.2477	888.4808	888.4777	0.0031	1	6	1.2e+002	1	TQRVTER
☒	364	599.4665	2393.8370	2394.0155	-0.1785	1	6	48	1	GMMCKNLIGTFMCIPPGMAR + Carbamidomethyl (C)
☒	325	599.3386	1794.9939	1795.1157	-0.1219	0	6	59	1	FLGLLLLLLGAACLI PR
☒	380	660.4931	2637.9431	2638.2778	-0.3347	1	5	53	1	APDPGRLMAGCAAVGASLAAPGGLCEQR
☒	90	404.4000	806.7854	806.4650	0.3204	0	5	1.2e+002	1	AFL LSTR
☒	289	738.0275	1474.0404	1473.8667	0.1737	1	5	75	1	VGLPARPKSP LDPK
☒	225	610.1000	1218.1854	1218.5782	-0.3927	0	5	84	1	FDNALFHAER
☒	350	738.5883	2212.7432	2213.1151	-0.3719	1	5	56	1	LLQYCETGVKEGATLVYGG R + Carbamidomethyl (C)
☒	146	430.5000	858.9854	859.3391	-0.3536	0	5	1.7e+002	1	CMFCVK + 2 Carbamidomethyl (C); Oxidation (M)
☒	75	657.9000	656.8927	657.3632	-0.4705	0	5	1.1e+002	1	ICLGPR
☒	356	570.3647	2277.4299	2277.9267	-0.4968	1	5	58	1	FAMSPSNFSSSDQDEEGRK + Carbamidomethyl (C)
☒	168	450.2742	898.5339	898.5164	0.0175	1	5	88	1	YKILLYS
☒	106	413.3534	824.6923	824.3586	0.3337	0	5	78	1	TMETA EK + Oxidation (M)
☒	316	572.3000	1713.8782	1713.9162	-0.0380	1	5	85	1	HQSETALKNVFTALR
☒	97	407.2699	812.5252	812.3963	0.1289	0	5	76	1	QLMHER
☒	114	417.2000	832.3854	832.4443	-0.0588	0	5	1.1e+002	1	FTLAPER
☒	186	485.3476	968.6807	968.4055	0.2751	0	5	88	1	QMMEAATR + 2 Oxidation (M)

☒	293	499.6000	1495.7782	1495.5998	0.1784	1	5	3e+002	1	MGGDQEDDFPRR + Oxidation (M)
☒	269	660.6000	1319.1854	1319.5234	-0.3380	0	5	1.2e+002	1	MGCGPSQPAEDR + Carbamidomethyl (C); Oxidation (M)
☒	96	407.1000	812.1854	812.3487	-0.1632	0	5	80	1	AHCIDTP + Carbamidomethyl (C)
☒	102	411.2825	820.5505	820.3749	0.1756	0	5	1.2e+002	1	VISEDCR
☒	181	484.3000	966.5854	966.4124	0.1731	1	5	91	1	MGGCAGSRR + Carbamidomethyl (C); Oxidation (M)
☒	165	445.9485	889.8824	889.4943	0.3881	0	5	1.1e+002	1	MPVTSLVK + Oxidation (M)
☒	288	489.0299	1464.0680	1463.7481	0.3199	1	5	81	1	HVETGPNGEQIRK
☒	166	447.6221	893.2296	893.3913	-0.1616	0	5	1.1e+002	1	SLGDMEAR + Oxidation (M)
☒	139	427.3101	852.6057	852.5433	0.0625	0	4	1.2e+002	1	ALKPPSIK
☒	163	445.2525	888.4905	888.4930	-0.0024	1	4	1.5e+002	1	TWISRAR
☒	335	641.9000	1922.6782	1922.8469	-0.1687	0	4	79	1	CFSGSAEAEASYLTQR + Carbamidomethyl (C)
☒	315	427.3509	1705.3743	1704.9998	0.3745	1	4	93	1	LAGAGPGREAVLAALALR
☒	137	427.3000	852.5854	852.5293	0.0561	0	4	1.2e+002	1	ALLQRP
☒	342	660.6000	1978.7782	1978.9751	-0.1969	1	4	1.2e+002	1	CMPTTTLVQLCTRLSLQR + Carbamidomethyl (C); Oxidation (M)
☒	59	508.2963	507.2891	507.1748	0.1143	0	4	2.2e+002	1	CGQSG + Carbamidomethyl (C)
☒	362	599.3840	2393.5069	2393.4344	0.0724	1	4	67	1	FLGLLLLLLGAACLIPRQAQVR + Carbamidomethyl (C); Oxidation (M)
☒	360	790.3815	2368.1227	2368.2056	-0.0829	1	4	67	1	KATMAGGLANQLDLENTTPAQPK
☒	162	445.2515	888.4884	888.4189	0.0695	0	4	1.6e+002	1	AAESETPGK
☒	233	415.1000	1242.2782	1242.6258	-0.3476	1	4	1.3e+002	1	HKYEFLLHNR
☒	242	423.1214	1266.3423	1266.4969	-0.1546	0	4	97	1	MGEAGAAEEACR + Carbamidomethyl (C); Oxidation (M)
☒	157	441.8071	881.5996	881.4858	0.1138	0	4	1e+002	1	ALIYSTSK
☒	79	400.2284	798.4422	798.4460	-0.0038	1	4	1.1e+002	1	TGAPARAR
☒	69	630.1980	629.1907	629.3497	-0.1590	0	4	1.9e+002	1	GIQGGK
☒	228	409.3000	1224.8782	1224.5809	0.2973	1	4	1e+002	1	SESMPEKVF + Oxidation (M)
☒	383	930.1077	2787.3012	2787.2826	0.0186	1	4	91	1	LPVGCAGFVQCCHRPQSPRNMDSK + Carbamidomethyl (C); Oxidation (M)
☒	61	534.4000	533.3927	533.2445	0.1482	0	4	1.3e+002	1	NGESK
☒	177	471.3691	940.7236	940.5090	0.2145	1	4	1e+002	1	DPDGRLLR
☒	308	413.3290	1649.2869	1648.8065	0.4804	1	4	1.9e+002	1	VHTGGPKYKCEVCTK
☒	218	401.1000	1200.2782	1200.7064	-0.4282	1	4	1.9e+002	1	RPGRVRPHAR
☒	190	498.8169	995.6193	995.5876	0.0317	1	4	2.6e+002	1	LSLGSHRVK
☒	353	1113.7000	2225.3854	2225.0544	0.3311	1	4	93	1	MSPPCPQPSAPGGIGCWRLK + Oxidation (M)
☒	234	416.3595	1246.0566	1245.6023	0.4543	1	4	1.4e+002	1	SKTPSSPCPASK + Carbamidomethyl (C)
☒	131	425.3998	848.7851	848.3811	0.4041	0	4	1.5e+002	1	TCPGATSR + Carbamidomethyl (C)
☒	371	846.4360	2536.2862	2536.1569	0.1293	1	4	69	1	HVHCHLCCPDGHMQHAVLTARR + Oxidation (M)
☒	94	405.2546	808.4947	808.3927	0.1021	1	4	1.2e+002	1	KDSSGTSK
☒	224	406.3526	1216.0359	1215.7009	0.3350	1	4	1.2e+002	1	LEACRSILALK
☒	378	658.5000	2629.9709	2630.1991	-0.2282	1	3	82	1	NMDNSLLQSDLDPRGSDERPTR
☒	113	416.5275	831.0404	831.4715	-0.4311	1	3	1.7e+002	1	KHHQGLI
☒	265	658.5000	1314.9854	1315.4655	-0.4800	0	3	1.3e+002	1	THQSXXXHMK + Oxidation (M)
☒	159	445.2000	888.3854	888.3760	0.0095	0	3	2.1e+002	1	DGAPGAMDR
☒	385	1026.1206	3075.3400	3075.4282	-0.0883	1	3	65	1	GAVNVGGQDPEPGQDLSQPEREVDPSWGR
☒	214	572.3000	1142.5854	1142.6197	-0.0342	0	3	2e+002	1	QHSVVFIGTR
☒	295	762.0851	1522.1556	1521.8013	0.3543	1	3	1.3e+002	1	YFSDLKQHMILK
☒	72	640.8118	639.8046	639.3089	0.4957	0	3	1e+002	1	SSPGHR
☒	116	419.2369	836.4593	836.3810	0.0783	1	3	1.4e+002	1	QRMDSGK + Oxidation (M)
☒	154	440.2000	878.3854	878.4498	-0.0643	1	3	7.8e+002	1	KQPPPPES
☒	107	413.4000	824.7854	824.4756	0.3099	1	3	1.3e+002	1	VAPPKGEK
☒	387	818.4295	3269.6890	3269.9189	-0.2299	1	3	1.2e+002	1	MGTRLLPALFLVLLVLGFGEGISLQLLGVS + Oxidation (M)
☒	377	640.9000	2559.5709	2559.3293	0.2416	1	3	1.2e+002	1	LQSRGFPQGNVLDNTASISLLK
☒	386	790.3408	3157.3340	3157.3977	-0.0637	0	3	73	1	AHTCPPPPSCLSGSPCMQPYITPSNSSPK + Carbamidomethyl (C); Oxidation (M)
☒	253	640.5000	1278.9854	1278.5995	0.3859	1	3	1.4e+002	1	CCQAGMVLGGRK + Carbamidomethyl (C)
☒	251	640.4267	1278.8388	1278.6092	0.2296	0	3	1.4e+002	1	HVSTSSSFLEV
☒	155	441.3946	880.7746	880.3974	0.3772	1	3	1.4e+002	1	EFRGGCR + Carbamidomethyl (C)
☒	103	412.3509	822.6872	822.4348	0.2524	1	3	1.4e+002	1	YTEVRR
☒	268	440.6000	1318.7782	1318.6703	0.1078	0	3	1.4e+002	1	HSMLEFIETGIR + Oxidation (M)
☒	276	445.2786	1332.8141	1332.6819	0.1321	1	3	1.6e+002	1	IRNASTAAEGLCK
☒	305	410.0253	1636.0722	1635.7965	0.2757	1	3	1.4e+002	1	EQGEEELLRSPGHR
☒	238	629.1656	1256.3167	1256.5352	-0.2185	1	2	1.5e+002	1	STTCPMKCWK + Carbamidomethyl (C); Oxidation (M)
☒	339	658.5000	1972.4782	1972.0629	0.4153	1	2	1.1e+002	1	NVPPVGILAPEANPKAEK
☒	341	660.4815	1978.4225	1978.7772	-0.3546	0	2	1.2e+002	1	FGDLEMMSSQNSESEK + 2 Oxidation (M)
☒	129	424.4000	846.7854	846.4963	0.2891	0	2	2.1e+002	1	EATVFLR
☒	303	405.0670	1616.2388	1615.8504	0.3884	1	2	1.4e+002	1	KCEHDPHVLLAVAK + Carbamidomethyl (C)
☒	338	657.9000	1970.6782	1970.9924	-0.3143	0	2	1.2e+002	1	VCTPSFLPWTPAELTGPR
☒	80	401.1000	800.1854	800.3664	-0.1810	0	2	2.2e+002	1	VHSESDK
☒	188	489.0349	976.0553	976.4436	-0.3884	0	2	2.1e+002	1	HAFEAGSMK
☒	67	611.1370	610.1298	610.3187	-0.1889	0	2	1.1e+002	1	QQAHK
☒	148	432.2303	862.4460	862.3789	0.0671	0	2	2e+002	1	MGMPQGAR + Oxidation (M)
☒	149	432.2843	862.5540	862.4218	0.1322	0	2	2e+002	1	MPTTIR + Oxidation (M)
☒	294	503.2000	1506.5782	1506.6231	-0.0450	1	2	1.7e+002	1	YTPCSYRGMEER + Oxidation (M)
☒	105	413.2774	824.5403	824.4657	0.0746	0	2	1.6e+002	1	GLHPFVR
☒	204	531.1000	1060.1854	1060.4713	-0.2858	0	2	2e+002	1	YTDYADSVK
☒	333	480.3000	1917.1709	1916.9956	0.1753	1	2	1.7e+002	1	DNELIGQTVRISQGPYK
☒	312	420.0164	1676.0364	1675.8814	0.1550	1	2	1.7e+002	1	NLDLTLLSMEIKLR + Oxidation (M)
☒	389	1113.7000	3338.0782	3338.5487	-0.4705	1	1	1.1e+002	1	NGGIPHYLRQTEDVAEVLNHCASSNWSER + Carbamidomethyl (C); Oxidation (M)
☒	266	440.2000	1317.5782	1317.6459	-0.0678	1	1	2.2e+002	1	GGTHGSLKTSAMR + Oxidation (M)
☒	321	441.9509	1763.7746	1763.9391	-0.1645	1	1	1.7e+002	1	AAPAGGGGSAVSVLAPNGRR
☒	182	484.5000	966.9854	967.3488	-0.3633	0	1	2.2e+002	1	GCSSSDPR + Carbamidomethyl (C)
☒	264	657.9000	1313.7854	1313.7166	0.0689	0	1	2e+002	1	FLVGPDPGIPIMR
☒	317	430.1762	1716.6757	1716.9424	-0.2667	0	1	1.9e+002	1	HGAVAVGAGHLYTVPIR
☒	174	464.2768	926.5390	926.4934	0.0456	0	1	1.9e+002	1	GGGGTVVGAPR
☒	284	469.6000	1405.7782	1405.7064	0.0718	1	1	1.9e+002	1	EGPSKAMIFPWK + Oxidation (M)
☒	141	427.3700	852.7255	852.5293	0.1962	0	1	2.4e+002	1	AALVRPAR
☒	368	616.4814	2461.8966	2462.2410	-0.3444	1	1	2.9e+002	1	QHSPIQVPMVAGSPLGATQCNKV
☒	299	531.1000	1590.2782	1589.8678	0.4104	1	1	3.1e+002	1	TYSWVGRLDRK
☒	183	484.5605	967.1065	967.3488	-0.2423	0	1	2.4e+002	1	GCSSSDPR + Carbamidomethyl (C)
☒	140	427.3418	852.6690	852.3694	0.2996	1	1	2.6e+002	1	NMNRMR + 2 Oxidation (M)

☒	298	529.3000	1584.8782	1584.7090	0.1692	1	1	2e+002	1	LSITENGFEKNSSC + Carbamidomethyl (C)
☒	382	927.4415	2779.3026	2779.2269	0.0757	1	1	1.2e+002	1	LEELKEQETEEEEIPDDAQFEMDI
☒	92	404.4638	806.9130	806.4208	0.4922	1	1	2.7e+002	1	DKLMTAL + Oxidation (M)
☒	184	484.6901	967.3657	967.3488	0.0169	0	1	2.7e+002	1	GCCSSSDPR + Carbamidomethyl (C)
☒	346	1025.4725	2048.9304	2049.1115	-0.1811	1	1	3.7e+002	1	LGGYGMRLQLILNPLTK + 2 Oxidation (M)
☒	331	927.7668	1853.5191	1853.9168	-0.3977	0	1	2.8e+002	1	MLNTNYHLPPSPVPMK + Oxidation (M)
☒	329	611.3486	1831.0239	1830.7885	0.2354	1	0	1.9e+002	1	FTCACPDGMLLARDMR + 2 Oxidation (M)
☒	88	403.2368	804.4590	804.3476	0.1114	0	0	6.6e+002	1	NMAYYK + Oxidation (M)
☒	64	573.4000	572.3927	572.3071	0.0856	0	0	5e+002	1	FGPPR
☒	124	420.2676	838.5206	838.3821	0.1385	0	0	2.4e+002	1	VHTEEQP
☒	76	658.5000	657.4927	657.3333	0.1594	0	0	3.3e+002	1	LESPVN
☒	309	554.1489	1659.4250	1659.8654	-0.4405	1	0	2.4e+002	1	YQMPGTGIKGLPNTK + Oxidation (M)
☒	372	639.6342	2554.5075	2554.1217	0.3859	1	0	1.7e+002	1	APCPASPGGSSCGSEAPASGFGPEKHL + Carbamidomethyl (C)
☒	267	659.8000	1317.5854	1317.5185	0.0669	1	0	3.1e+002	1	CCEKTMEVMR + Carbamidomethyl (C); 2 Oxidation (M)
☒	1	401.1000	400.0927							
☒	2	402.2372	401.2299							
☒	3	404.2000	403.1927							
☒	4	404.4000	403.3927							
☒	5	404.4000	403.3927							
☒	6	405.1000	404.0927							
☒	7	405.1000	404.0927							
☒	8	405.2936	404.2863							
☒	9	407.1000	406.0927							
☒	10	409.1933	408.1861							
☒	11	409.2981	408.2908							
☒	12	409.3000	408.2927							
☒	13	413.2000	412.1927							
☒	14	415.1000	414.0927							
☒	15	415.1000	414.0927							
☒	16	415.1906	414.1834							
☒	17	416.1000	415.0927							
☒	18	416.1950	415.1877							
☒	19	416.2947	415.2874							
☒	20	416.4000	415.3927							
☒	21	417.2000	416.1927							
☒	22	417.4000	416.3927							
☒	23	419.3063	418.2990							
☒	24	419.3149	418.3077							
☒	25	422.9000	421.8927							
☒	26	424.3057	423.2984							
☒	27	424.3082	423.3009							
☒	28	425.1910	424.1837							
☒	29	425.2738	424.2666							
☒	30	425.2803	424.2730							
☒	31	427.3028	426.2955							
☒	32	430.2651	429.2578							
☒	33	430.5000	429.4927							
☒	34	433.2856	432.2783							
☒	35	433.4000	432.3927							
☒	36	434.2635	433.2563							
☒	37	435.8013	434.7941							
☒	38	440.2000	439.1927							
☒	39	441.3630	440.3558							
☒	40	441.8014	440.7941							
☒	41	441.8109	440.8036							
☒	42	441.8153	440.8080							
☒	43	441.8173	440.8101							
☒	44	441.8569	440.8496							
☒	45	445.2000	444.1927							
☒	46	447.6035	446.5962							
☒	47	459.2000	458.1927							
☒	48	459.4000	458.3927							
☒	49	463.4000	462.3927							
☒	50	465.4000	464.3927							
☒	51	467.3510	466.3437							
☒	52	469.6000	468.5927							
☒	53	484.4113	483.4040							
☒	54	484.5000	483.4927							
☒	55	484.5197	483.5124							
☒	56	491.2753	490.2680							
☒	57	499.6000	498.5927							
☒	58	503.2000	502.1927							
☒	60	531.1000	530.0927							
☒	63	572.3000	571.2927							
☒	66	610.1000	609.0927							
☒	68	628.1735	627.1662							
☒	70	639.8001	638.7928							
☒	71	640.5000	639.4927							
☒	73	641.9000	640.8927							
☒	74	642.6104	641.6031							
☒	77	659.8000	658.7927							
☒	101	411.2718	820.5291							
☒	110	415.4828	828.9510							
☒	118	419.2842	836.5538							

Search Parameters

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Type of search      : MS/MS Ion Search
Enzyme              : Trypsin
Variable modifications : Carbamidomethyl (C), Oxidation (M)
Mass values        : Monoisotopic
Protein Mass       : Unrestricted
Peptide Mass Tolerance :  $\pm 0.5$  Da
Fragment Mass Tolerance :  $\pm 0.5$  Da
Max Missed Cleavages : 1
Instrument type     : Default
Number of queries   : 389

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