

Table S1.

Subsample Name	Accession Nr	Protein Name	Mass kDa	Score	Significant		Sequence	Coverage	Unique Peptide	Query #	RT (sec)	RT Interval	m/z	Mr(expt)	Mr(calc)	Charg	Miss cleavage sites	Score	Expect	Start	End	Duplicat	Peptide Sequences	Modifications	Modification Position				
					Matches	t																							
2015-04-30 CSSS BSA spin mcropeptide.mgf	P02769	Serum albumin	69,293	20551	454	454	70	70	83,2	70	2408	849	14m9s - 18m1s	417,2142	1248,6207	1248,6139	3	5,43	1	76	1,00E-07	35	44	8	R.FKDLGEEHFK.G				
											1098	846	14m2s - 14m17s	487,7337	973,4529	973,4505	2	2,45	0	47	4,70E-05	37	44	5	K.DLGEEHFK.G				
											7020	1481	24m34s - 24m56s	831,4297	2491,2672	2491,257	3	4,09	0	106	1,00E-10	45	65	5	K.GLVLIASFQYLQQCPFDEHVK.L	Carbamidomethyl (C)	58		
											7026	1475	24m35s - 24m51s	623,8242	2491,2679	2491,257	4	4,38	0	109	4,90E-11	45	65	2	K.GLVLIASFQYLQQCPFDEHVK.L	Carbamidomethyl (C)	58		
											7251	1487	24m47s	686,8529	2743,3826	2743,368	4	5,32	0	92	2,70E-09	45	65	1	K.GLVLIASFQYLQQCPFDEHVK.L	MacrocylicThiol (C)	58		
											7252	1483	24m43s	915,4682	2743,3828	2743,368	3	5,41	0	116	1,10E-11	45	65	1	K.GLVLIASFQYLQQCPFDEHVK.L	MacrocylicThiol (C)	58		
											1981	1171	19m31s - 25m47s	582,3199	1162,6252	1162,6234	2	1,55	0	71	1,90E-07	66	75	14	K.LVNLETFEAK.T				
											4042	588	9m48s - 10m17s	488,5349	1462,5829	1462,5817	3	0,84	0	85	3,10E-09	76	88	6	K.TCVADESHAGCEK.S	2 Carbamidomethyl (C)	77, 86		
											5398	708	11m48s	572,5719	1714,694	1714,6927	3	0,76	0	72	6,40E-08	76	88	1	K.TCVADESHAGCEK.S	Carbamidomethyl (C); MacrocylicThiol (C)	77, 86		
											5516	706	11m46s	578,5763	1732,7071	1732,7032	3	2,21	0	41	7,40E-05	76	88	1	K.TCVADESHAGCEK.S	Carbamidomethyl (C); MacrocylicThiol-Hydro (C)	77, 86		
											3622	1159	19m12s - 19m27s	473,9029	1418,6868	1418,6864	3	0,31	0	87	7,70E-09	89	100	5	K.SLHTLFGDELCK.V	Carbamidomethyl (C)	99		
											3627	1152	19m12s	710,3521	1418,6896	1418,6864	2	2,26	0	92	2,10E-09	89	100	1	K.SLHTLFGDELCK.V	Carbamidomethyl (C)	99		
											5223	1203	20m3s	557,9415	1670,8026	1670,7974	3	3,13	0	36	9,60E-04	89	100	1	K.SLHTLFGDELCK.V	MacrocylicThiol (C)	99		
											5328	1194	19m54s	563,9451	1688,8134	1688,808	3	3,22	0	30	4,20E-03	89	100	1	K.SLHTLFGDELCK.V	MacrocylicThiol-Hydro (C)	99		
											6342	846	14m6s	674,2874	2019,8405	2019,8336	3	3,43	1	62	9,40E-07	101	117	1	K.VASLRETYGDMADCCCK.Q	2 Carbamidomethyl (C); Oxidation (M)	111, 114, 115		
											4168	866	14m22s - 14m26s	739,7667	1477,5189	1477,516	2	1,98	0	82	6,80E-09	106	117	2	R.ETYGDMADCCCK.Q	2 Carbamidomethyl (C)	114, 115		
											4330	710	11m36s - 11m54s	747,7636	1493,5126	1493,5109	2	1,13	0	78	1,80E-08	106	117	3	R.ETYGDMADCCCK.Q	2 Carbamidomethyl (C); Oxidation (M)	111, 114, 115		
											5554	815	13m35s	873,8207	1745,6268	1745,6219	2	2,81	0	45	3,50E-05	106	117	1	R.ETYGDMADCCCK.Q	Carbamidomethyl (C); MacrocylicThiol (C); Oxidation (M)	111, 114, 115		
											6577	727	12m7s - 12m15s	711,9439	2132,8098	2132,8085	3	0,59	1	82	6,30E-09	106	122	3	R.ETYGDMADCCCKQEPER.N	2 Carbamidomethyl (C); Oxidation (M)	111, 114, 115		
											5225	787	13m3s - 13m15s	419,1991	1672,7675	1672,7627	4	2,83	1	44	1,30E-04	118	130	4	K.QEPPERNECFLSHK.D	Carbamidomethyl (C)	125		
											5233	786	13m6s	558,5967	1672,7682	1672,7627	3	3,28	1	39	4,30E-04	118	130	1	K.QEPPERNECFLSHK.D	Carbamidomethyl (C)	125		
											7111	902	14m51s - 15m2s	636,0484	2540,1643	2540,1601	4	1,64	2	98	5,60E-10	118	138	2	K.QEPPERNECFLSHKDDSPDLPK.L	Carbamidomethyl (C)	125		
											7113	910	14m54s - 15m10s	509,0402	2540,1645	2540,1601	5	1,72	2	78	5,50E-08	118	138	4	K.QEPPERNECFLSHKDDSPDLPK.L	Carbamidomethyl (C)	125		
											7274	943	15m43s	699,0776	2792,2815	2792,2711	4	3,69	2	64	1,90E-06	118	138	1	K.QEPPERNECFLSHKDDSPDLPK.L	MacrocylicThiol (C)	125		
											6032	933	15m33s - 15m56s	476,2225	1900,8609	1900,8625	4	0,85	1	121	2,50E-12	123	138	4	R.NECFLSHKDDSPDLPK.L	Carbamidomethyl (C)	125		
											685	842	13m50s - 14m35s	443,7122	885,4098	885,408	2	2,05	0	72	1,10E-07	131	138	9	K.DDSPDLPK.L				
											4876	1050	16m37s - 17m57s	526,2614	1575,7623	1575,7603	3	1,27	0	90	3,80E-09	139	151	10	K.LKPPDNTL.CDEFK.A	Carbamidomethyl (C)	147		
											5847	1110	18m30s - 18m34s	610,2998	1827,8776	1827,8713	3	3,45	0	46	1,00E-04	139	151	2	K.LKPPDNTL.CDEFK.A	MacrocylicThiol (C)	147		
											6768	1080	18m0s - 18m7s	568,7766	2271,0773	2271,0729	4	1,92	1	73	2,00E-07	139	155	3	K.LKPPDNTL.CDEFKADEK.K	MacrocylicThiol (C)	147		
											6770	1092	18m12s	758,0333	2271,0781	2271,0729	3	2,28	1	30	3,80E-03	139	155	1	K.LKPPDNTL.CDEFKADEK.K	MacrocylicThiol (C)	147		
											6332	1020	16m54s - 17m46s	673,9954	2018,9645	2018,9619	3	1,31	1	106	1,20E-10	139	155	3	K.LKPPDNTL.CDEFKADEK.K	Carbamidomethyl (C)	147		
											6335	1023	16m51s - 17m50s	505,7487	2018,9658	2018,9619	4	1,93	1	128	7,30E-13	139	155	14	K.LKPPDNTL.CDEFKADEK.K	Carbamidomethyl (C)	147		
											6607	990	16m22s - 16m59s	537,7717	2147,0576	2147,0568	4	0,36	2	106	1,20E-10	139	156	9	K.LKPPDNTL.CDEFKADEK.F	Carbamidomethyl (C)	147		
											6598	983	16m23s - 16m43s	430,4163	2147,0453	2147,0568	5	5,39	2	71	2,20E-07	139	156	2	K.LKPPDNTL.CDEFKADEK.F	Carbamidomethyl (C)	147		
											6600	1004	16m44s	716,6892	2147,0456	2147,0568	3	5,22	2	74	2,10E-07	139	156	1	K.LKPPDNTL.CDEFKADEK.F	Carbamidomethyl (C)	147		
											894	1401	17m28s - 23m25s	464,2499	926,4852	926,4861	2	1,04	0	47	3,80E-05	161	167	12	K.YLVEIAR.R				
											1627	956	15m56s	361,8703	1082,589	1082,5872	3	1,61	1	42	1,70E-04	161	168	1	K.YLVEIARR.H				
											6385	1242	20m42s	512,0131	2044,0233	2044,0206	4	1,32	1	41	3,20E-04	168	183	1	R.RHPYFYAPPELLYANK.Y				
											6395	1225	20m19s - 20m41s	682,3504	2044,0292	2044,0206	3	4,2	1	89	4,80E-09	168	183	7	R.RHPYFYAPPELLYANK.Y				
											5999	1311	21m51s - 22m1s	630,3161	1887,9265	1887,9195	3	3,7	0	77	7,80E-08	169	183	4	R.HPYFYAPPELLYANK.Y				
											6002	1316	21m56s	944,9716	1887,9286	1887,9195	2	4,81	0	81	3,50E-08	169	183	1	R.HPYFYAPPELLYANK.Y				
											5560	975	16m15s - 16m19s	874,3584	1746,7022	1746,6978	2	2,52	0	88	1,80E-09	184	197	2	K.YNGVFQECQAEK.DG	2 Carbamidomethyl (C)	191, 192		
											7006	1121	18m41s	622,5347	2486,1098	2486,1028	4	2,8	1	36	1,10E-03	184	204	1	K.YNGVFQECQAEKDGACLLPK.I	3 Carbamidomethyl (C)	191, 192, 200		
											7008	1115	18m35s - 18m47s	829,711	2486,1111	2486,1028	3	3,3	1	107	1,10E-10	184	204	4	K.YNGVFQECQAEKDGACLLPK.I	3 Carbamidomethyl (C)	191, 192, 200		
											7250	1149	19m9s	913,7508	2738,2305	2738,2139	3	6,06	1	56	5,10E-06	184	204	1	K.YNGVFQECQAEKDGACLLPK.I	2 Carbamidomethyl (C); MacrocylicThiol (C)	191, 192, 200		

245	907	15m4s - 15m27s	379,7158	757,4169	757,4156	2	1,73	0	61	2,00E-06	198	204	7	K.GACLLPK.I	Carbamidomethyl (C)	200
2146	808	13m28s - 13m32s	399,2014	1194,5825	1194,5815	3	0,83	1	45	8,10E-05	223	232	2	R.CASIQKFGER.A	Carbamidomethyl (C)	223
535	715	11m39s - 16m27s	424,2567	846,4988	846,4963	2	2,96	1	43	7,40E-05	242	248	8	R.LSQKFPK.A		
880	1169	15m25s - 19m29s	461,7492	921,4839	921,4807	2	3,46	0	60	2,50E-06	249	256	16	K.AEFVETK.L		
5339 342	1395 902	23m15s - 14m50s - 21m45s	564,9813 395,2403	1691,9221 788,4661	1691,9346 788,4644	3 2	7,34 2,23	1 0	68 58	4,30E-07 1,90E-06	249 257	263 263	1 14	K.AEFVETKLVTDLT.V K.LVTDLT.V		
6537	797	13m13s - 13m17s	529,2281	2112,8831	2112,8775	4	2,64	1	40	1,80E-04	264	280	2	K.VHKECCHGDLLECADDR.A	3 Carbamidomethyl (C)	268, 269, 276
7198	877	14m37s - 14m41s	523,2391	2611,1592	2611,1577	5	0,57	2	48	4,00E-05	264	285	2	K.VHKECCHGDLLECADDRADLAK.Y	3 Carbamidomethyl (C)	268, 269, 276
7200	877	14m37s	436,2025	2611,1712	2611,1577	6	5,17	2	32	1,90E-03	264	285	1	K.VHKECCHGDLLECADDRADLAK.Y	3 Carbamidomethyl (C)	268, 269, 276
7316	912	15m12s	573,6622	2863,2747	2863,2687	5	2,07	2	40	4,20E-04	264	285	1	K.VHKECCHGDLLECADDRADLAK.Y	2 Carbamidomethyl (C); MacrocylicThiol (C)	268, 269, 276
5564	931	15m28s - 15m31s	583,892	1748,6541	1748,6553	3	0,69	0	78	1,50E-08	267	280	2	K.ECCHGDLLECADDR.A	3 Carbamidomethyl (C)	268, 269, 276
6752	986	16m26s - 16m30s	562,7418	2246,9383	2246,9354	4	1,25	1	96	3,50E-10	267	285	2	K.ECCHGDLLECADDRADLAK.Y	3 Carbamidomethyl (C)	268, 269, 276
3808	835	13m35s - 14m18s	722,3278	1442,6411	1442,6348	2	4,38	0	85	7,10E-09	286	297	9	K.YICDNQDTISSK.L	Carbamidomethyl (C)	288
5347	924	15m24s - 15m28s	848,3819	1694,7492	1694,7458	2	2,05	0	58	5,00E-06	286	297	2	K.YICDNQDTISSK.L	MacrocylicThiol (C)	288
5390 4609	903 768	15m3s - 12m48s - 13m4s	857,3909 511,5985	1712,7672 1531,7737	1712,7563 1531,7738	2 3	6,37 0,05	0 1	48 86	5,40E-05 1,00E-08	286 298	297 309	1 3	K.YICDNQDTISSK.L K.LKECCDKPLEK.S	MacrocylicThiol-Hydro (C) 2 Carbamidomethyl (C)	288 301, 302
4613	785	12m53s - 13m5s	383,952	1531,7789	1531,7738	4	3,3	1	86	1,10E-08	298	309	4	K.LKECCDKPLEK.S	2 Carbamidomethyl (C)	301, 302
5704 2619	850 773	14m10s - 12m53s - 12m56s	446,9788 646,306	1783,8862 1290,5974	1783,8848 1290,5948	4 2	0,77 2,03	1 0	54 50	1,20E-05 2,40E-05	298 300	309 309	1 2	K.LKECCDKPLEK.S K.ECCDKPLEK.S	Carbamidomethyl (C); MacrocylicThiol (C) 2 Carbamidomethyl (C)	301, 302 301, 302
2624	791	13m7s - 13m23s	431,2071	1290,5995	1290,5948	3	3,65	0	69	2,80E-07	300	309	5	K.ECCDKPLEK.S	2 Carbamidomethyl (C)	301, 302
4709	887	14m47s	515,2424	1542,7054	1542,7058	3	0,25	0	38	3,70E-04	300	309	1	K.ECCDKPLEK.S	Carbamidomethyl (C); MacrocylicThiol (C)	301, 302
2874 1553	799 681	13m19s - 11m21s - 11m29s	442,2132 358,1759	1323,6179 1071,5058	1323,6129 1071,5019	3 3	3,78 3,62	0 0	38 65	4,20E-04 6,10E-07	310 310	318 318	1 3	K.SHCIAEVEK.D K.SHCIAEVEK.D	MacrocylicThiol (C) Carbamidomethyl (C)	312 312
7640	1204	20m1s - 20m13s	703,1435	3510,681	3510,6647	5	4,66	2	119	6,60E-12	310	340	6	K.SHCIAEVEKDAIPENLPPLTADFEDKDVCK.N	2 Carbamidomethyl (C)	312, 339
7645	1205	20m5s - 20m13s	586,121	3510,6826	3510,6647	6	5,12	2	105	1,60E-10	310	340	3	K.SHCIAEVEKDAIPENLPPLTADFEDKDVCK.N	2 Carbamidomethyl (C)	312, 339
6976	1273	21m5s - 21m44s	820,0677	2457,1812	2457,1733	3	3,2	1	104	1,90E-10	319	340	5	K.DAIPENLPPLTADFEDKDVCK.N	Carbamidomethyl (C)	339
4822	1485	24m36s - 26m0s	784,3788	1566,743	1566,7354	2	4,83	0	92	2,70E-09	347	359	18	K.DAFLGSLFVEYSR.R		
4817	1499	24m55s - 24m59s	523,2545	1566,7417	1566,7354	3	3,98	0	62	2,50E-06	347	359	2	K.DAFLGSLFVEYSR.R		
3779	1026	17m6s - 18m7s	480,61	1438,8083	1438,8045	3	2,68	1	97	3,50E-10	360	371	14	R.RHPEYAVSVLLR.L		
2591	1140	19m0s - 19m4s	428,5759	1282,7058	1282,7034	3	1,94	0	90	2,00E-09	361	371	2	R.HPEYAVSVLLR.L		
2593	1138	18m58s - 19m8s	642,3603	1282,7061	1282,7034	2	2,12	0	54	8,20E-06	361	371	2	R.HPEYAVSVLLR.L		
3328 4440	1014 912	16m54s - 15m12s - 15m20s	694,7916 751,8125	1387,5687 1501,6105	1387,5635 1501,6065	2 2	3,71 2,67	0 0	38 79	1,60E-04 1,20E-08	375 375	386 386	1 3	K.EYEATLEECCA.K K.EYEATLEECCK.K	2 Carbamidomethyl (C)	383, 384
7421	1066	17m46s	760,3204	3037,2523	3037,2416	4	3,53	1	124	6,80E-13	375	399	1	K.EYEATLEECCKADDPHACYSTVFDK.L	3 Carbamidomethyl (C)	383, 384, 392
7554	1117	18m37s	656,6949	3278,438	3278,4206	5	5,32	2	56	8,80E-06	375	401	1	K.EYEATLEECCKADDPHACYSTVFDKL.H	3 Carbamidomethyl (C)	383, 384, 392
4747	1016	16m56s	777,8317	1553,6488	1553,6457	2	2,02	0	72	7,10E-08	387	399	1	K.DDPHACYSTVFDK.L	Carbamidomethyl (C)	392
4748	1017	16m53s - 16m57s	518,8908	1553,6506	1553,6457	3	3,15	0	80	1,20E-08	387	399	2	K.DDPHACYSTVFDK.L	Carbamidomethyl (C)	392
5797 3143	1077 1150	17m57s - 19m10s	602,9304 683,3253	1805,7694 2046,9542	1805,7567 2046,9357	3 3	7,03 9,03	0 1	50 35	2,00E-05 5,20E-04	387 387	399 401	1 1	K.DDPHACYSTVFDK.L K.DDPHACYSTVFDKL.H	MacrocylicThiol (C) MacrocylicThiol (C)	392 392
5722 5723	1105 1108	18m25s - 18m28s - 18m32s	599,2824 449,7149	1794,8253 1794,8306	1794,8247 1794,8247	3 4	0,31 3,28	1 1	57 116	6,40E-06 7,60E-12	387 387	401 401	1 2	K.DDPHACYSTVFDKL.H K.DDPHACYSTVFDKL.H	Carbamidomethyl (C) Carbamidomethyl (C)	392 392
4722	960	16m0s - 16m5s	516,3042	1545,8909	1545,8878	3	1,97	1	98	2,10E-10	400	412	2	K.LHLVDEPQNLIK.Q		
2699	990	16m30s - 18m50s	653,362	1304,7094	1304,7088	2	0,47	0	72	2,10E-07	402	412	3	K.HLVDEPQNLIK.Q		
2702	1005	16m23s - 16m49s	435,9109	1304,7108	1304,7088	3	1,52	0	73	1,20E-07	402	412	6	K.HLVDEPQNLIK.Q		
6843	1039	17m19s	785,7218	2354,1435	2354,1325	3	4,69	1	53	1,00E-05	402	420	1	K.HLVDEPQNLIKQNCQFEK.L	Carbamidomethyl (C)	415
2801	835	13m55s	660,7821	1319,5497	1319,5452	2	3,38	0	40	1,10E-04	413	420	1	K.QNCQFEK.L	MacrocylicThiol (C)	415
1533	692	11m32s - 11m44s	534,7254	1067,4361	1067,4342	2	1,82	0	74	4,40E-08	413	420	4	K.QNCQFEK.L	Carbamidomethyl (C)	415

7087	1314	21m54s	843,7476	2528,221	2528,2118	3	3,65	1	48	3,10E-05	413	433	1	K.QNCDQFEKLGEYGFQNALIVR.Y	Carbamidomethyl (C)	415
4182	1298	21m14s - 21m52s	740,4009	1478,7872	1478,7881	2	0,61	0	118	4,60E-12	421	433	10	R.KLGEYGFQNALIVR.Y		
5183	1046	17m3s - 17m44s	547,3185	1638,9336	1638,9305	3	1,91	1	109	1,80E-11	437	451	11	R.KVPQVSTPTLVEVSR.S		
4474	1123	18m39s - 18m47s	756,4274	1510,8402	1510,8355	2	3,11	0	93	9,20E-10	438	451	3	K.VPQVSTPTLVEVSR.S		
3609	586	9m46s	473,5396	1417,5971	1417,5966	3	0,38	0	38	1,90E-04	460	468	1	R.CCTKPESER.M	Carbamidomethyl (C); MacrocylicThiol (C)	460, 461
5491	1458	24m18s - 24m26s	862,923	1723,8314	1723,8273	2	2,38	0	101	2,50E-10	469	482	3	R.MPCTEDYLSILNLR.L	Carbamidomethyl (C)	471
5541	1424	23m40s - 23m52s	870,9206	1739,8267	1739,8222	2	2,56	0	138	5,70E-14	469	482	5	R.MPCTEDYLSILNLR.L	Carbamidomethyl (C); Oxidation (M)	469, 471
6275	1444	24m0s - 24m6s	664,987	1991,9392	1991,9332	3	3,01	0	66	1,30E-06	469	482	4	R.MPCTEDYLSILNLR.L	MacrocylicThiol (C); Oxidation (M)	469, 471
746	793	12m54s - 13m13s	449,7451	897,4756	897,4742	2	1,53	0	42	1,10E-04	483	489	5	R.LCVLHEK.T	Carbamidomethyl (C)	484
4647	828	13m48s	385,7117	1538,8179	1538,8127	4	3,38	1	50	2,70E-05	483	495	1	R.LCVLHEKTPVSEK.V	Carbamidomethyl (C)	484
5955	819	13m39s	467,7629	1867,0224	1867,0237	4	0,69	2	53	8,40E-06	483	498	1	R.LCVLHEKTPVSEKVTK.C	Carbamidomethyl (C)	484
3337	924	15m24s	695,809	1389,6034	1389,6017	2	1,27	0	34	5,20E-04	499	507	1	K.CCTESLVNR.R	Carbamidomethyl (C); MacrocylicThiol (C)	499, 500
3506	922	15m7s - 15m22s	704,8183	1407,622	1407,6122	2	6,96	0	40	2,10E-04	499	507	2	K.CCTESLVNR.R	Carbamidomethyl (C); MacrocylicThiol-Hydro (C)	499, 500
1855	831	13m39s - 13m51s	569,7529	1137,4913	1137,4907	2	0,52	0	57	2,20E-06	499	507	4	K.CCTESLVNR.R	2 Carbamidomethyl (C)	499, 500
7415	1121	18m41s	750,8562	2999,3957	2999,394	4	0,57	1	41	1,30E-04	499	523	1	K.CCTESLVNRRPFSALTPDetyVVPK.A	3 Carbamidomethyl (C)	499, 500, 510
6573	1140	18m56s - 19m0s	711,6839	2132,03	2132,0248	3	2,42	0	45	5,80E-05	508	523	2	R.RPFSALTPDetyVVPK.A	MacrocylicThiol (C)	510
5983	1103	18m23s	470,9864	1879,9165	1879,9138	4	1,39	0	79	5,60E-08	508	523	1	R.RPFSALTPDetyVVPK.A	Carbamidomethyl (C)	510
5986	1107	18m7s - 18m34s	627,6474	1879,9204	1879,9138	3	3,51	0	68	5,30E-07	508	523	8	R.RPFSALTPDetyVVPK.A	Carbamidomethyl (C)	510
7044	1266	21m6s	625,3037	2497,1857	2497,1835	4	0,88	1	55	6,90E-06	524	544	1	K.AFDEKLFTHADICTLPDTEK.Q	Carbamidomethyl (C)	537
6642	1256	20m56s - 21m0s	720,6838	2159,0297	2159,0245	3	2,38	0	73	2,50E-07	529	544	2	K.LFTFHADICTLPDTEK.Q	MacrocylicThiol (C)	537
6055	1232	20m21s - 20m41s	636,6477	1906,9213	1906,9135	3	4,08	0	102	2,40E-10	529	544	6	K.LFTFHADICTLPDTEK.Q	Carbamidomethyl (C)	537
6059	1220	20m20s	954,4692	1906,9238	1906,9135	2	5,42	0	95	1,10E-09	529	544	1	K.LFTFHADICTLPDTEK.Q	Carbamidomethyl (C)	537
1874	1101	18m21s - 18m25s	571,862	1141,7095	1141,707	2	2,17	1	80	9,30E-09	548	557	2	K.KQTALVELLK.H		
1875	1112	18m28s - 18m40s	381,5774	1141,7104	1141,707	3	2,98	1	69	1,30E-07	548	557	4	K.KQTALVELLK.H		
1260	1270	20m42s - 21m10s	507,8134	1013,6122	1013,6121	2	0,15	0	70	1,40E-07	549	557	9	K.QTALVELLK.H		
429	828	13m48s	409,718	817,4215	817,4181	2	4,14	0	33	2,30E-03	562	568	1	K.ATEEQLK.T		
3377	1406	23m22s - 23m30s	700,3506	1398,6867	1398,6853	2	0,99	0	83	1,30E-08	569	580	3	K.TVMENFVAFVDK.C		
3598	1253	20m49s - 21m4s	708,3487	1414,6828	1414,6803	2	1,78	0	93	1,70E-09	569	580	5	K.TVMENFVAFVDK.C	Oxidation (M)	571
6681	988	16m28s	727,3109	2178,9109	2178,902	3	4,06	1	106	2,80E-11	581	597	1	K.CCAADDKEACFAVEGPK.L	2 Carbamidomethyl (C); MacrocylicThiol (C)	581, 582, 590
6109	920	15m20s - 15m37s	643,2718	1926,7935	1926,791	3	1,31	1	139	1,60E-14	581	597	5	K.CCAADDKEACFAVEGPK.L	3 Carbamidomethyl (C)	581, 582, 590
6113	925	15m25s	482,7065	1926,797	1926,791	4	3,09	1	44	4,60E-05	581	597	1	K.CCAADDKEACFAVEGPK.L	3 Carbamidomethyl (C)	581, 582, 590
1726	957	15m57s - 16m8s	554,2603	1106,5061	1106,5066	2	0,46	0	67	3,10E-07	588	597	4	K.EACFAVEGPK.L	Carbamidomethyl (C)	590

Search Parameters

MDM v. 1.3.0

Database: SwissProt

Fasta Version: SwissProt_2015_04.fasta

Sequences: 5991

Taxonomy: Bos taurus (Bovine)

Enzyme: Trypsin

Fixed modifications:

Variable modifications: Carbamidomethyl (C),MacrocylicThiol-Hydro (C),MacrocylicThiol (C),Oxidation (M)

Mass values: Monoisotopic

Peptide mass tolerance: 10 ppm

Fragment mass tolerance: 0.1 Da

Max missed cleavages: 2

Instrument type: ESI-QUAD-TOF

Ions score or expect cut-off: 30

Scoring : MudPIT