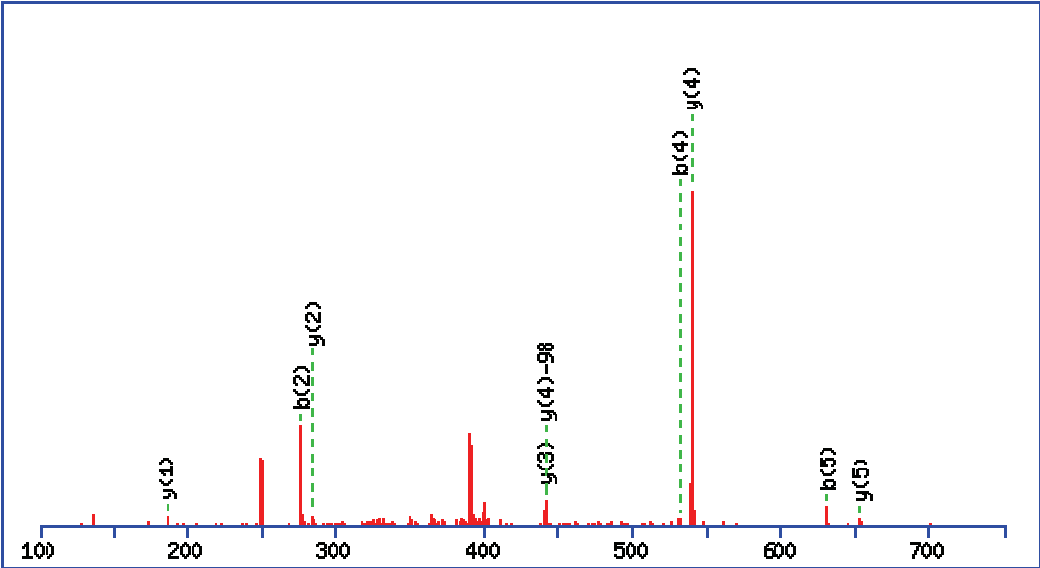


Supplementary data 1

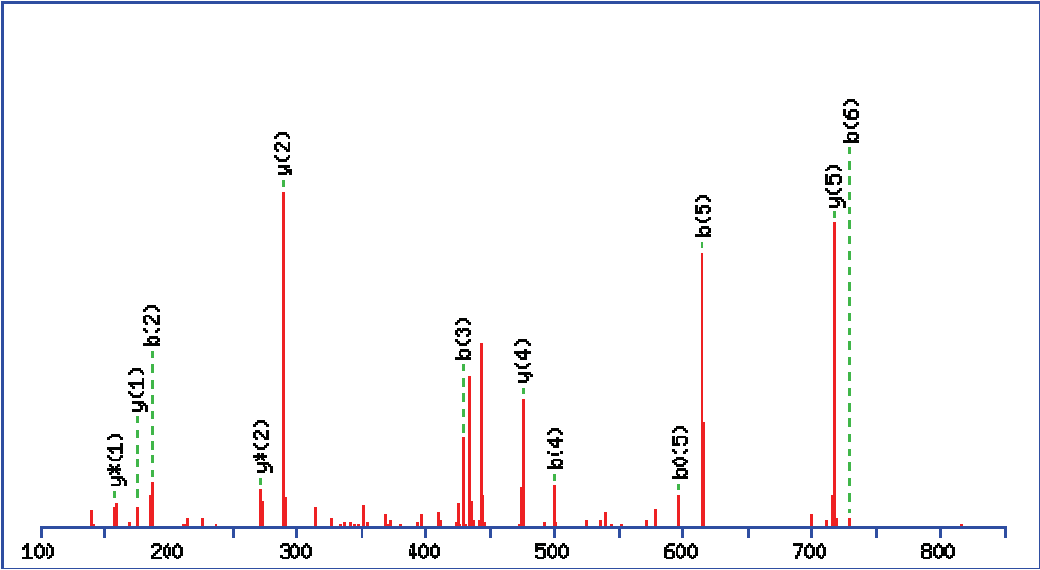
Annotated ESI-MSMS spectra of enriched and phosphorylated tryptic peptides derived from SLP-65. Annotated Mascot MSMS spectra are shown and the corresponding tables with the assigned fragment ions. The table above the spectra lists the m/z value of the precursor ions, the charge state, the corresponding MW, the mass deviation, the peptide score (in MASCOT), the confirmed phosphorylation site, the identified sequence and the modification(s) of the sequenced peptide. Unambiguously identified phosphorylation sites are in capitals (*p*S/*p*T/*p*Y) within the sequence. Sites in peptides that could not be unambiguously identified are in lower-case letters (s/t/y). Spectra were recorded either on a Q-ToF MS (Waters) and/or an Orbitrap MS (ThermoFisherScientific). The precursor in MS showed a mass accuracy of ≤ 15 ppm or ≤ 2 ppm, respectively.

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
408.7042	2	815.3942	-0.0003	31.86	S552	YIVRVpS	Phospho (ST)



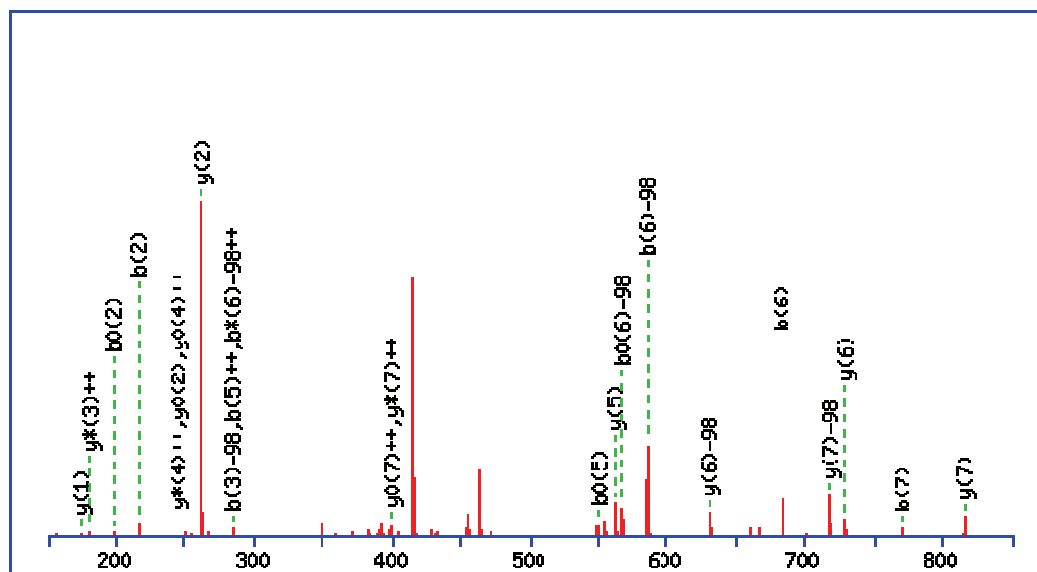
b	b ⁺⁺	b [*]	b ^{***}	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	164.0706	82.5389			Y						6
2	277.1547	139.0810			I	653.3382	327.1727	636.3116	318.6595	635.3276	5
3	376.2231	188.6152			V	540.2541	270.6307	523.2276	262.1174	522.2436	4
4	532.3242	266.6657	515.2976	258.1525	R	441.1857	221.0965	424.1592	212.5832	423.1752	3
5	631.3926	316.1999	614.3661	307.6867	V	285.0846	143.0459			267.0740	2
6					S	186.0162	93.5117			168.0056	1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
452.6632	2	903.3123	-0.0005	37.71	Y138	GEpYADNR	Phospho (Y)



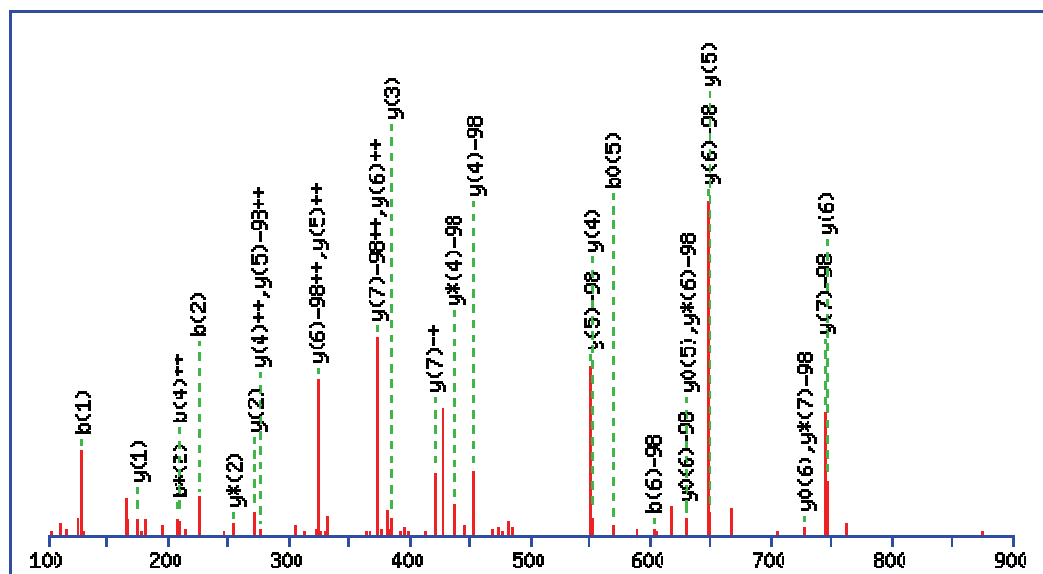
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180					G							7
2	187.0713	94.0393			169.0608	85.0340	E	847.2982	424.1527	830.2716	415.6395	829.2876	415.1474	6
3	430.1010	215.5541			412.0904	206.5488	Y	718.2556	359.6314	701.2290	351.1182	700.2450	350.6261	5
4	501.1381	251.0727			483.1275	242.0674	A	475.2259	238.1166	458.1994	229.6033	457.2154	229.1113	4
5	616.1650	308.5862			598.1545	299.5809	D	404.1888	202.5980	387.1623	194.0848	386.1783	193.5928	3
6	730.2080	365.6076	713.1814	357.0943	712.1974	356.6023	N	289.1619	145.0846	272.1353	136.5713			2
7							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
472.6942	2	943.376	-0.0021	34.36	S471	KSpSGQDSR	Phospho (ST)



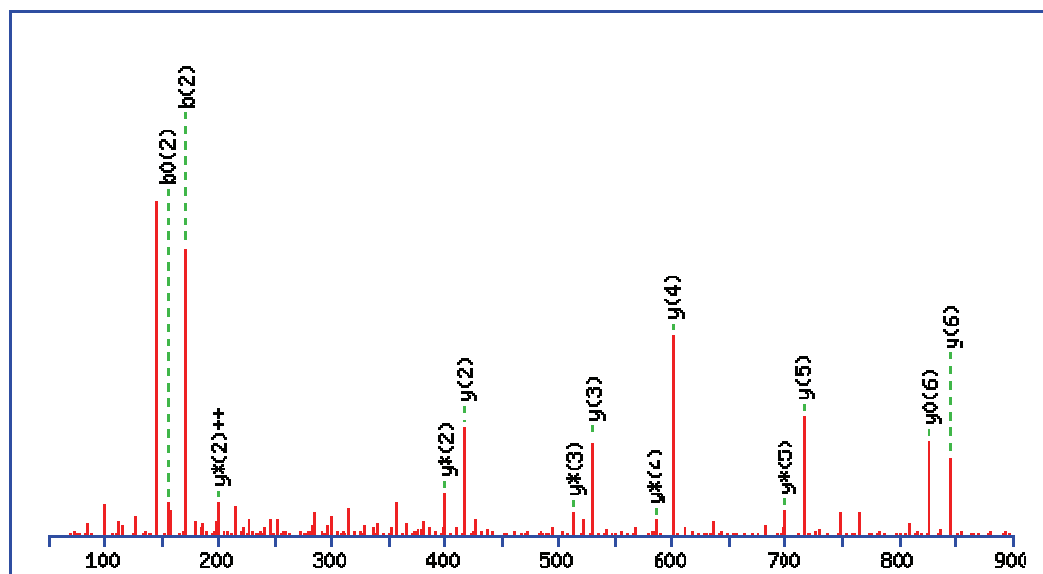
	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							8
2	216.1343	108.5708	199.1077	100.0575	198.1237	99.5655	S	718.3114	359.6594	701.2849	351.1461	700.3009	350.6541	7
3	285.1557	143.0815	268.1292	134.5682	267.1452	134.0762	S	631.2794	316.1433	614.2529	307.6301	613.2689	307.1381	6
4	342.1772	171.5922	325.1506	163.0790	324.1666	162.5869	G	562.2580	281.6326	545.2314	273.1193	544.2474	272.6273	5
5	470.2358	235.6215	453.2092	227.1082	452.2252	226.6162	Q	505.2365	253.1219	488.2100	244.6086	487.2259	244.1166	4
6	585.2627	293.1350	568.2362	284.6217	567.2521	284.1297	D	377.1779	189.0926	360.1514	180.5793	359.1674	180.0873	3
7	672.2947	336.6510	655.2682	328.1377	654.2842	327.6457	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
8							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
486.2572	2	970.5001	-0.0002	46.77	S65	KPPpSLPR	Phospho (ST)



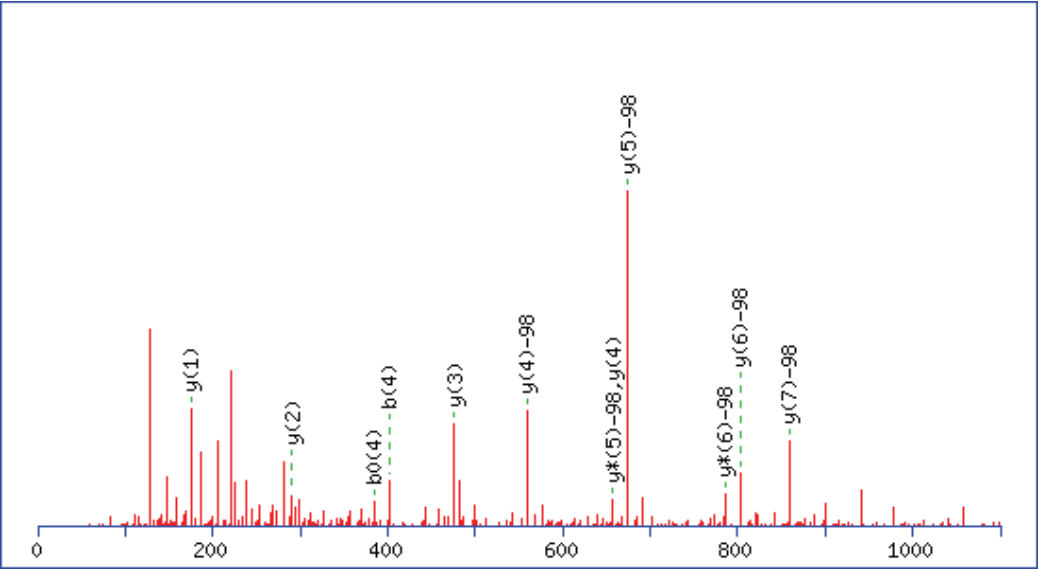
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							8
2	226.1550	113.5811	209.1285	105.0679			P	745.4355	373.2214	728.4090	364.7081	727.4250	364.2161	7
3	323.2078	162.1075	306.1812	153.5942			P	648.3828	324.6950	631.3562	316.1817	630.3722	315.6897	6
4	420.2605	210.6339	403.2340	202.1206			P	551.3300	276.1686	534.3035	267.6554	533.3194	267.1634	5
5	489.2820	245.1446	472.2554	236.6314	471.2714	236.1393	S	454.2772	227.6423	437.2507	219.1290	436.2667	218.6370	4
6	602.3661	301.6867	585.3395	293.1734	584.3555	292.6814	L	385.2558	193.1315	368.2292	184.6183			3
7	699.4188	350.2130	682.3923	341.6998	681.4082	341.2078	P	272.1717	136.5895	255.1452	128.0762			2
8							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
509.7144	2	1017.4168	-0.0026	43.42	Y457	TAEDALpYR	Phospho (Y)



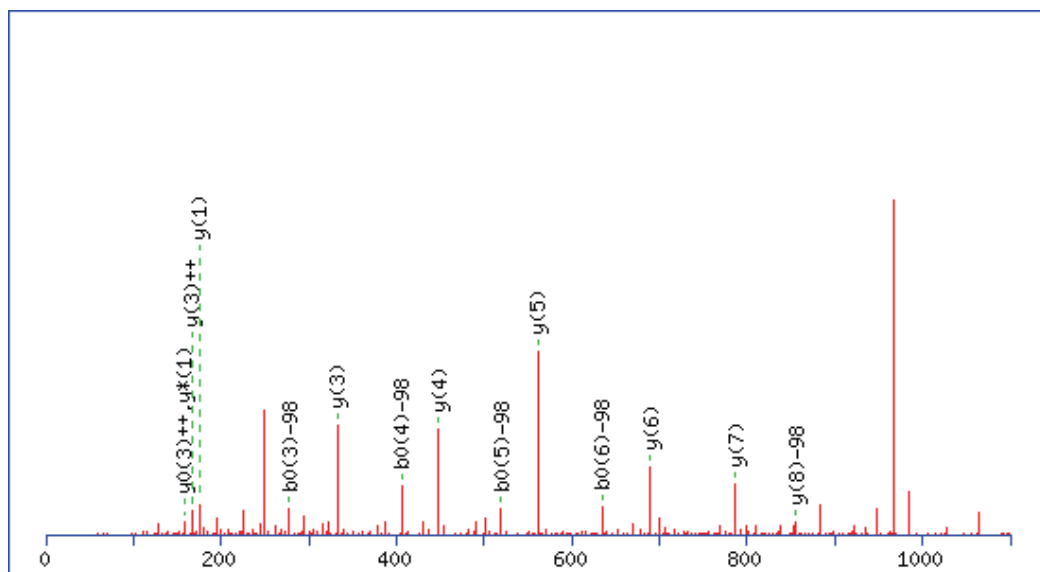
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{*++}	y ⁰	y ⁰⁺⁺	#
1	102.0550	51.5311	84.0444	42.5258	T							8
2	173.0921	87.0497	155.0815	78.0444	A	917.3764	459.1919	900.3499	450.6786	899.3659	450.1866	7
3	302.1347	151.5710	284.1241	142.5657	E	846.3393	423.6733	829.3128	415.1600	828.3288	414.6680	6
4	417.1616	209.0844	399.1510	200.0792	D	717.2967	359.1520	700.2702	350.6387	699.2862	350.1467	5
5	488.1987	244.6030	470.1882	235.5977	A	602.2698	301.6385	585.2432	293.1253			4
6	601.2828	301.1450	583.2722	292.1397	L	531.2327	266.1200	514.2061	257.6067			3
7	844.3124	422.6599	826.3019	413.6546	Y	418.1486	209.5779	401.1221	201.0647			2
8					R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
529.7161	2	1057.423	-0.0053	46.38	T54	TGKDpTWDR	Phospho (ST)



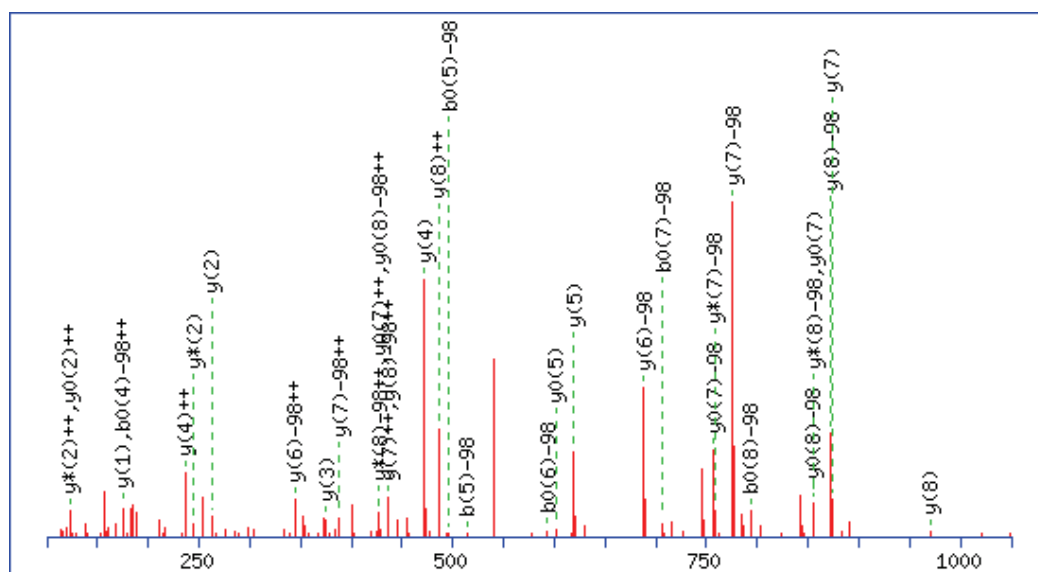
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	102.0550	51.5311			84.0444	42.5258	T							8
2	159.0764	80.0418			141.0659	71.0366	G	859.4057	430.2065	842.3791	421.6932	841.3951	421.2012	7
3	287.1714	144.0893	270.1448	135.5761	269.1608	135.0840	K	802.3842	401.6957	785.3577	393.1825	784.3737	392.6905	6
4	402.1983	201.6028	385.1718	193.0895	384.1878	192.5975	D	674.2893	337.6483	657.2627	329.1350	656.2787	328.6430	5
5	485.2354	243.1214	468.2089	234.6081	467.2249	234.1161	T	559.2623	280.1348	542.2358	271.6215	541.2518	271.1295	4
6	671.3147	336.1610	654.2882	327.6477	653.3042	327.1557	W	476.2252	238.6162	459.1987	230.1030	458.2146	229.6110	3
7	786.3417	393.6745	769.3151	385.1612	768.3311	384.6692	D	290.1459	145.5766	273.1193	137.0633	272.1353	136.5713	2
8							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
541.7326	2	1081.4805	-0.0298	45.25	S290	EpSPKLDASR	Phospho (ST)



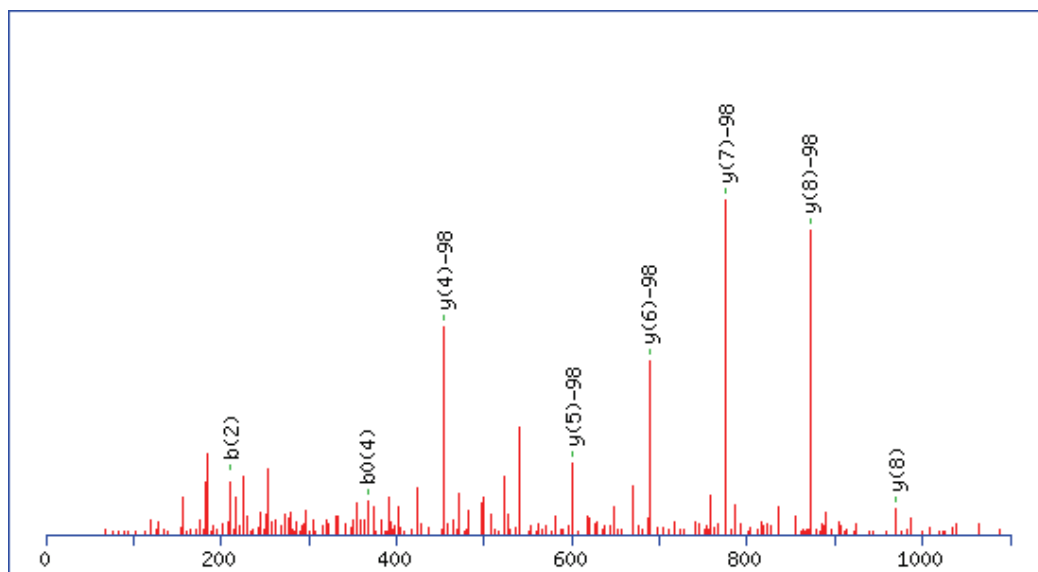
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							9
2	199.0713	100.0393			181.0608	91.0340	S	855.4683	428.2378	838.4417	419.7245	837.4577	419.2325	8
3	296.1241	148.5657			278.1135	139.5604	P	786.4468	393.7271	769.4203	385.2138	768.4363	384.7218	7
4	424.2191	212.6132	407.1925	204.0999	406.2085	203.6079	K	689.3941	345.2007	672.3675	336.6874	671.3835	336.1954	6
5	537.3031	269.1552	520.2766	260.6419	519.2926	260.1499	L	561.2991	281.1532	544.2726	272.6399	543.2885	272.1479	5
6	652.3301	326.6687	635.3035	318.1554	634.3195	317.6634	D	448.2150	224.6112	431.1885	216.0979	430.2045	215.6059	4
7	723.3672	362.1872	706.3406	353.6739	705.3566	353.1819	A	333.1881	167.0977	316.1615	158.5844	315.1775	158.0924	3
8	810.3992	405.7032	793.3727	397.1900	792.3886	396.6980	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
9							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
542.2654	2	1082.5161	0.0002	50.26	S130	IPSpSFPISR	Phospho (ST)



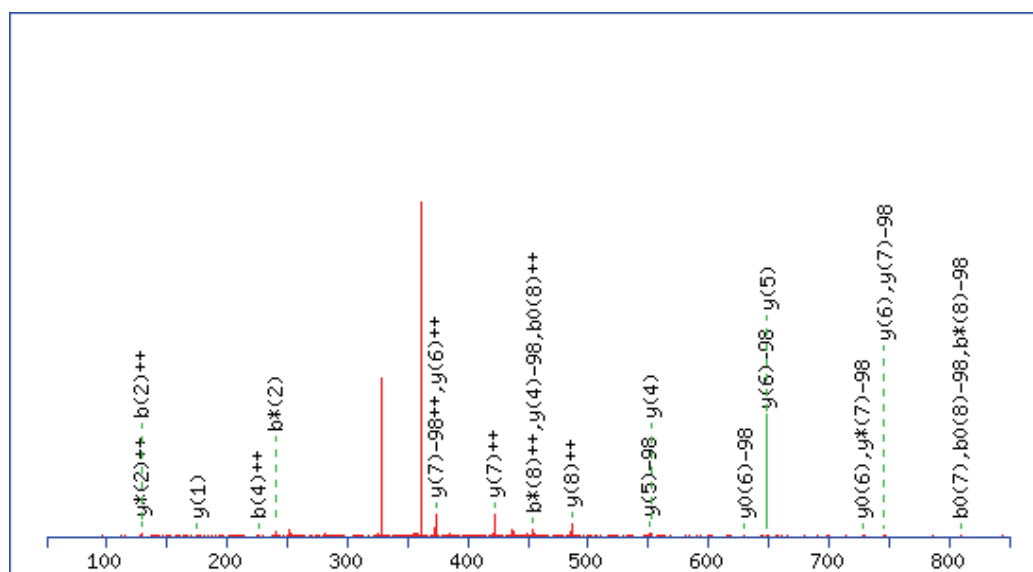
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{*++}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493			I							9
2	211.1441	106.0757			P	872.4625	436.7349	855.4359	428.2216	854.4519	427.7296	8
3	298.1761	149.5917	280.1656	140.5864	S	775.4097	388.2085	758.3832	379.6952	757.3991	379.2032	7
4	367.1976	184.1024	349.1870	175.0971	S	688.3777	344.6925	671.3511	336.1792	670.3671	335.6872	6
5	514.2660	257.6366	496.2554	248.6314	F	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
6	611.3188	306.1630	593.3082	297.1577	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4
7	724.4028	362.7051	706.3923	353.6998	I	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
8	811.4349	406.2211	793.4243	397.2158	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
9					R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
542.2694	2	1082.5161	0.0081	34.01	S134	IPSSFPIpSR	Phospho (ST)



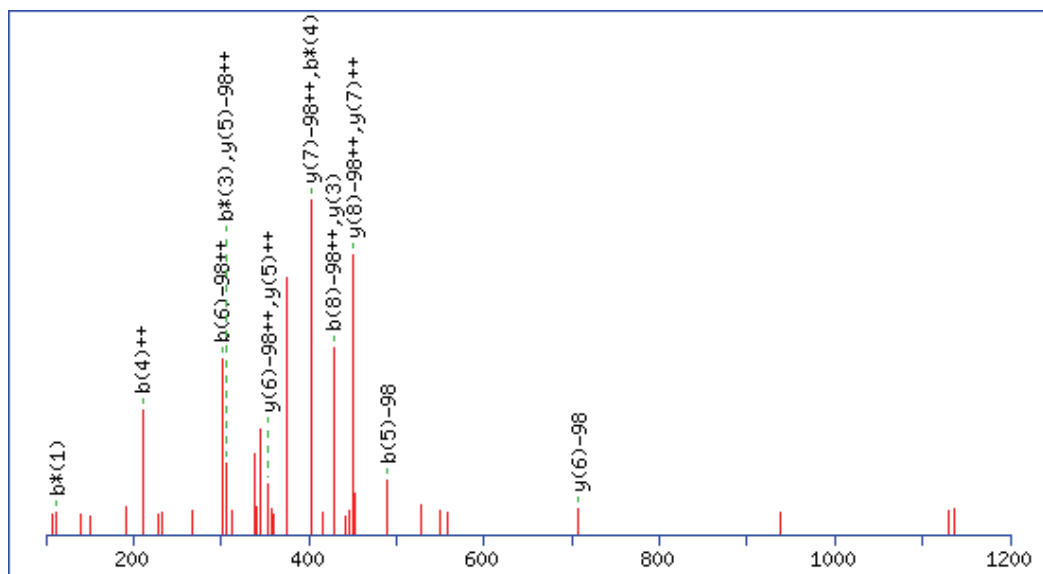
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{*++}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493			I							9
2	211.1441	106.0757			P	872.4625	436.7349	855.4359	428.2216	854.4519	427.7296	8
3	298.1761	149.5917	280.1656	140.5864	S	775.4097	388.2085	758.3832	379.6952	757.3991	379.2032	7
4	385.2082	193.1077	367.1976	184.1024	S	688.3777	344.6925	671.3511	336.1792	670.3671	335.6872	6
5	532.2766	266.6419	514.2660	257.6366	F	601.3456	301.1765	584.3191	292.6632	583.3351	292.1712	5
6	629.3293	315.1683	611.3188	306.1630	P	454.2772	227.6423	437.2507	219.1290	436.2667	218.6370	4
7	742.4134	371.7103	724.4028	362.7051	I	357.2245	179.1159	340.1979	170.6026	339.2139	170.1106	3
8	811.4349	406.2211	793.4243	397.2158	S	244.1404	122.5738	227.1139	114.0606	226.1298	113.5686	2
9					R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
367.2057	3	1098.595	0.0002	18.93	S65	KKPPPPSLPR	Phospho (ST)



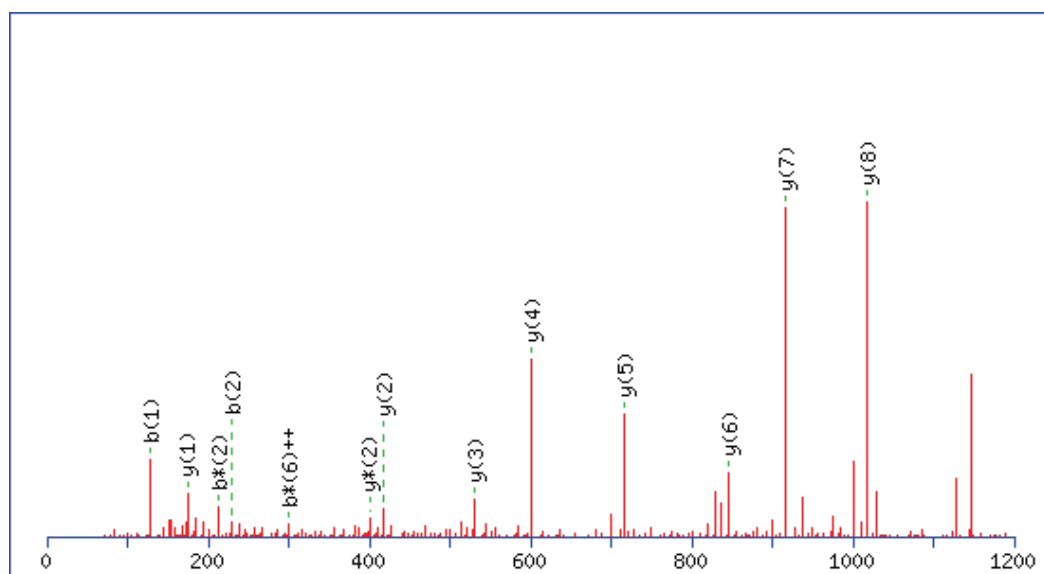
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							9
2	257.1972	129.1022	240.1707	120.5890			K	873.5305	437.2689	856.5039	428.7556	855.5199	428.2636	8
3	354.2500	177.6286	337.2234	169.1153			P	745.4355	373.2214	728.4090	364.7081	727.4250	364.2161	7
4	451.3027	226.1550	434.2762	217.6417			P	648.3828	324.6950	631.3562	316.1817	630.3722	315.6897	6
5	548.3555	274.6814	531.3289	266.1681			P	551.3300	276.1686	534.3035	267.6554	533.3194	267.1634	5
6	617.3770	309.1921	600.3504	300.6788	599.3664	300.1868	S	454.2772	227.6423	437.2507	219.1290	436.2667	218.6370	4
7	730.4610	365.7341	713.4345	357.2209	712.4504	356.7289	L	385.2558	193.1315	368.2292	184.6183			3
8	827.5138	414.2605	810.4872	405.7473	809.5032	405.2552	P	272.1717	136.5895	255.1452	128.0762			2
9							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
376.5412	3	1126.6012	0.0007	15.34	S65	KPPPPSLPRR	Phospho (ST)



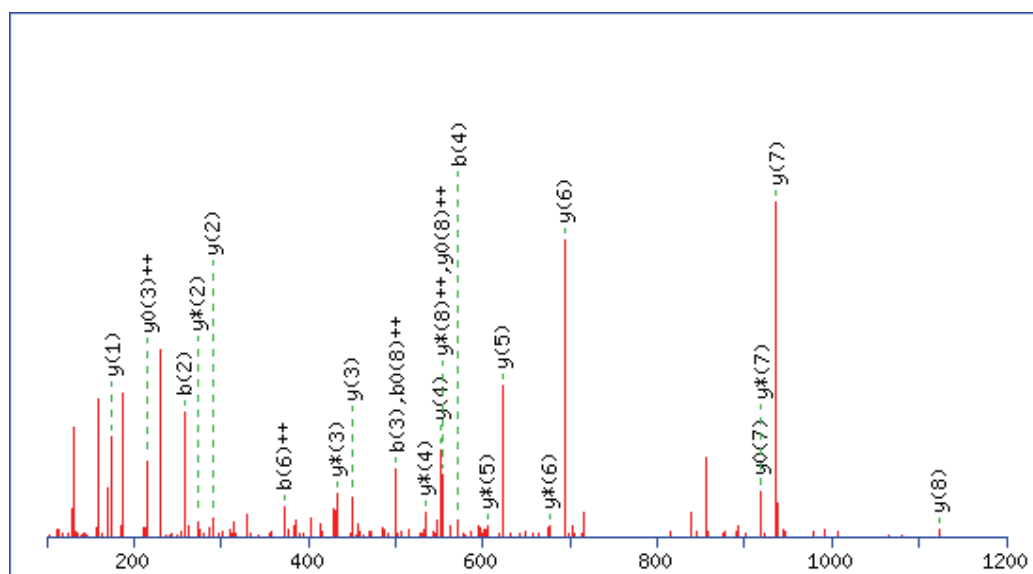
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							9
2	226.1550	113.5811	209.1285	105.0679			P	901.5366	451.2720	884.5101	442.7587	883.5261	442.2667	8
3	323.2078	162.1075	306.1812	153.5942			P	804.4839	402.7456	787.4573	394.2323	786.4733	393.7403	7
4	420.2605	210.6339	403.2340	202.1206			P	707.4311	354.2192	690.4046	345.7059	689.4205	345.2139	6
5	489.2820	245.1446	472.2554	236.6314	471.2714	236.1393	S	610.3783	305.6928	593.3518	297.1795	592.3678	296.6875	5
6	602.3661	301.6867	585.3395	293.1734	584.3555	292.6814	L	541.3569	271.1821	524.3303	262.6688			4
7	699.4188	350.2130	682.3923	341.6998	681.4082	341.2078	P	428.2728	214.6401	411.2463	206.1268			3
8	855.5199	428.2636	838.4934	419.7503	837.5094	419.2583	R	331.2201	166.1137	314.1935	157.6004			2
9							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
573.7642	2	1145.5118	0.0021	90.84	Y457	KTAEDALpYR	Phospho (Y)



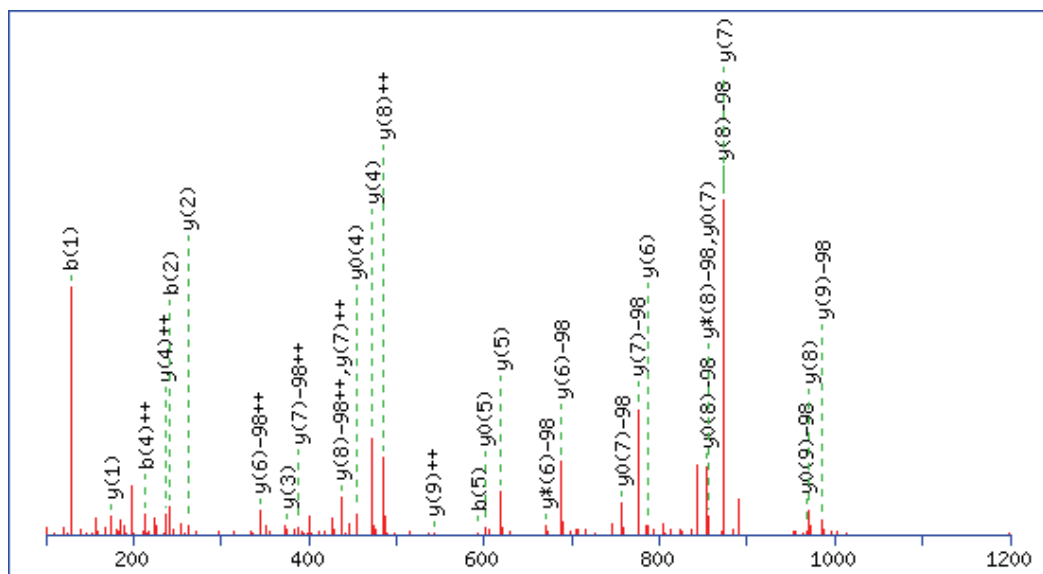
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							9
2	230.1499	115.5786	213.1234	107.0653	212.1394	106.5733	T	1018.4241	509.7157	1001.3976	501.2024	1000.4135	500.7104	8
3	301.1870	151.0972	284.1605	142.5839	283.1765	142.0919	A	917.3764	459.1919	900.3499	450.6786	899.3659	450.1866	7
4	430.2296	215.6185	413.2031	207.1052	412.2191	206.6132	E	846.3393	423.6733	829.3128	415.1600	828.3288	414.6680	6
5	545.2566	273.1319	528.2300	264.6186	527.2460	264.1266	D	717.2967	359.1520	700.2702	350.6387	699.2862	350.1467	5
6	616.2937	308.6505	599.2671	300.1372	598.2831	299.6452	A	602.2698	301.6385	585.2432	293.1253			4
7	729.3777	365.1925	712.3512	356.6792	711.3672	356.1872	L	531.2327	266.1200	514.2061	257.6067			3
8	972.4074	486.7073	955.3808	478.1941	954.3968	477.7021	Y	418.1486	209.5779	401.1221	201.0647			2
9							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
597.2263	2	1192.4372	0.0008	40.5	Y443	AWpYAATCDR	Carbamidomethyl (C); Phospho (Y)



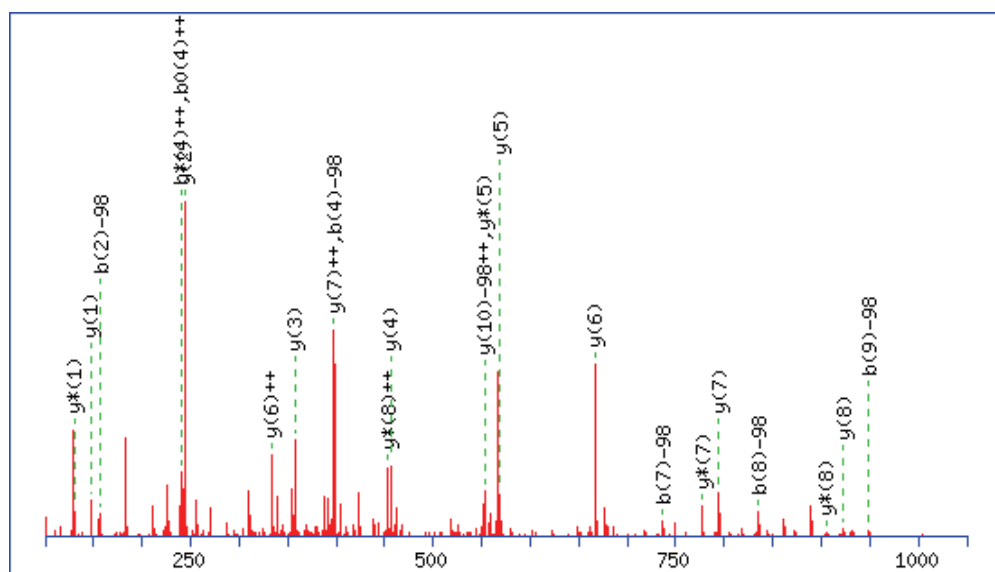
#	b	b ⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺	y*	y ⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258			A							9
2	258.1237	129.5655			W	1122.4074	561.7073	1105.3809	553.1941	1104.3969	552.7021	8
3	501.1534	251.0803			Y	936.3281	468.6677	919.3016	460.1544	918.3175	459.6624	7
4	572.1905	286.5989			A	693.2985	347.1529	676.2719	338.6396	675.2879	338.1476	6
5	643.2276	322.1174			A	622.2613	311.6343	605.2348	303.1210	604.2508	302.6290	5
6	744.2753	372.6413	726.2647	363.6360	T	551.2242	276.1158	534.1977	267.6025	533.2137	267.1105	4
7	904.3059	452.6566	886.2954	443.6513	C	450.1765	225.5919	433.1500	217.0786	432.1660	216.5866	3
8	1019.3329	510.1701	1001.3223	501.1648	D	290.1459	145.5766	273.1193	137.0633	272.1353	136.5713	2
9					R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
606.3133	2	1210.6111	0.0009	54.86	S130	KIPSpSFPISR	Phospho (ST)



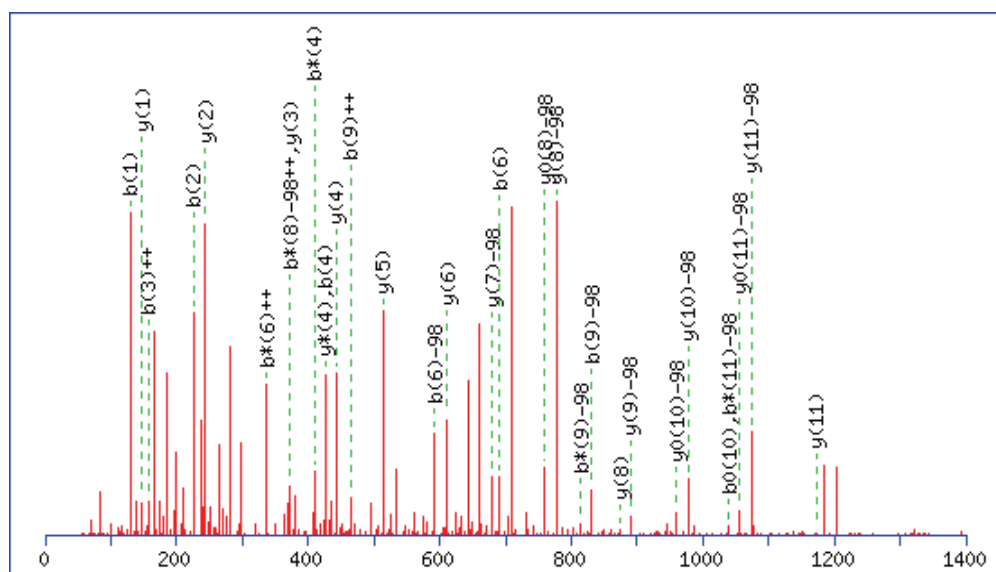
#	b	b ⁺⁺	b [*]	b ^{*++}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{*++}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							10
2	242.1863	121.5968	225.1598	113.0835			I	985.5465	493.2769	968.5200	484.7636	967.5360	484.2716	9
3	339.2391	170.1232	322.2125	161.6099			P	872.4625	436.7349	855.4359	428.2216	854.4519	427.7296	8
4	426.2711	213.6392	409.2445	205.1259	408.2605	204.6339	S	775.4097	388.2085	758.3832	379.6952	757.3991	379.2032	7
5	495.2926	248.1499	478.2660	239.6366	477.2820	239.1446	S	688.3777	344.6925	671.3511	336.1792	670.3671	335.6872	6
6	642.3610	321.6841	625.3344	313.1708	624.3504	312.6788	F	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
7	739.4137	370.2105	722.3872	361.6972	721.4032	361.2052	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4
8	852.4978	426.7525	835.4712	418.2393	834.4872	417.7473	I	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
9	939.5298	470.2685	922.5033	461.7553	921.5193	461.2633	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
10							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
430.5793	3	1288.7156	0.0006	41.79		(s)(s)LQKPLVLPK	Phospho (ST)



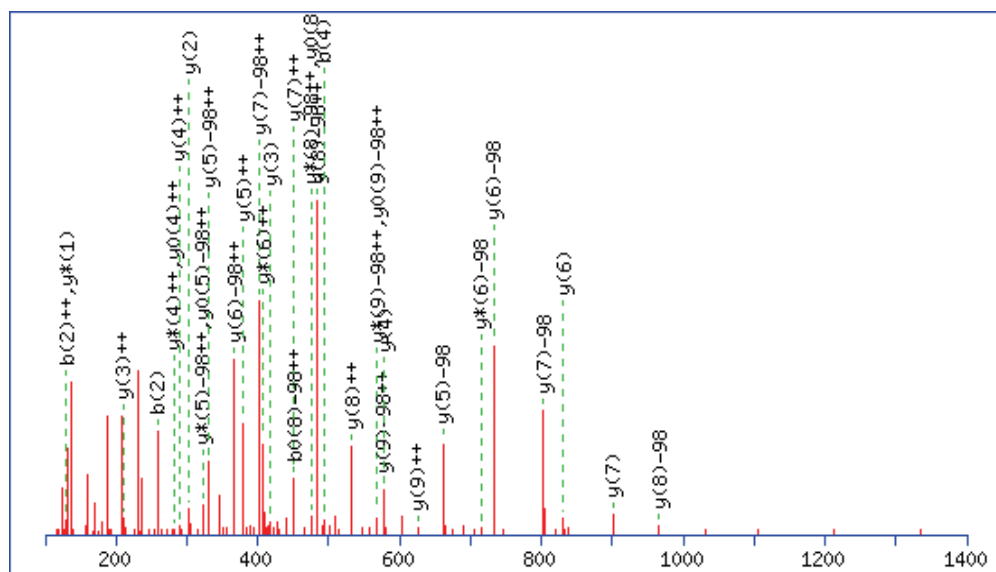
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							11
2	157.0608	79.0340			139.0502	70.0287	S	1104.7139	552.8606	1087.6874	544.3473	1086.7034	543.8553	10
3	270.1448	135.5760			252.1343	126.5708	L	1035.6925	518.3499	1018.6659	509.8366			9
4	398.2034	199.6053	381.1769	191.0921	380.1928	190.6001	Q	922.6084	461.8078	905.5819	453.2946			8
5	526.2984	263.6528	509.2718	255.1395	508.2878	254.6475	K	794.5498	397.7786	777.5233	389.2653			7
6	623.3511	312.1792	606.3246	303.6659	605.3406	303.1739	P	666.4549	333.7311	649.4283	325.2178			6
7	736.4352	368.7212	719.4086	360.2080	718.4246	359.7160	L	569.4021	285.2047	552.3756	276.6914			5
8	835.5036	418.2554	818.4771	409.7422	817.4930	409.2502	V	456.3180	228.6627	439.2915	220.1494			4
9	948.5877	474.7975	931.5611	466.2842	930.5771	465.7922	L	357.2496	179.1285	340.2231	170.6152			3
10	1045.6404	523.3239	1028.6139	514.8106	1027.6299	514.3186	P	244.1656	122.5864	227.1390	114.0731			2
11							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
434.2408	3	1299.6951	0.0054	81.83	S173	KPSLPpSPAAPKPK	Phospho (ST)



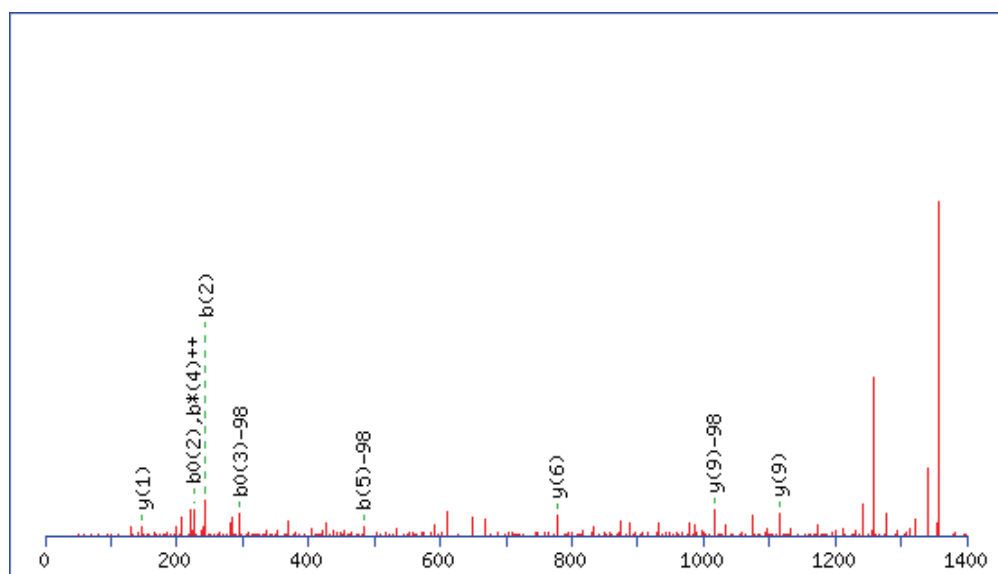
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							12
2	226.1550	113.5811	209.1285	105.0679			P	1074.6306	537.8189	1057.6041	529.3057	1056.6200	528.8137	11
3	313.1870	157.0972	296.1605	148.5839	295.1765	148.0919	S	977.5778	489.2926	960.5513	480.7793	959.5673	480.2873	10
4	426.2711	213.6392	409.2445	205.1259	408.2605	204.6339	L	890.5458	445.7765	873.5193	437.2633	872.5352	436.7713	9
5	523.3239	262.1656	506.2973	253.6523	505.3133	253.1603	P	777.4617	389.2345	760.4352	380.7212	759.4512	380.2292	8
6	592.3453	296.6763	575.3188	288.1630	574.3347	287.6710	S	680.4090	340.7081	663.3824	332.1949	662.3984	331.7028	7
7	689.3981	345.2027	672.3715	336.6894	671.3875	336.1974	P	611.3875	306.1974	594.3610	297.6841			6
8	760.4352	380.7212	743.4086	372.2080	742.4246	371.7160	A	514.3348	257.6710	497.3082	249.1577			5
9	831.4723	416.2398	814.4458	407.7265	813.4617	407.2345	A	443.2976	222.1525	426.2711	213.6392			4
10	959.5673	480.2873	942.5407	471.7740	941.5567	471.2820	K	372.2605	186.6339	355.2340	178.1206			3
11	1056.6200	528.8137	1039.5935	520.3004	1038.6095	519.8084	P	244.1656	122.5864	227.1390	114.0731			2
12							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
441.1843	3	1320.5322	-0.0011	30.39	T446	AWYAApTCDRK	Carbamidomethyl (C); Phospho (ST)



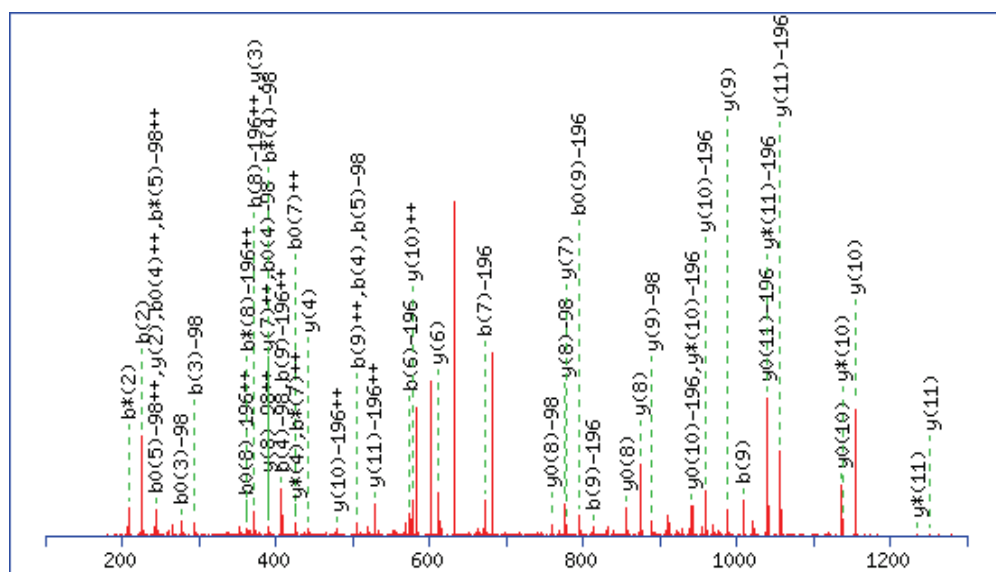
#	b	b ⁺⁺	b [*]	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							10
2	258.1237	129.5655					W	1152.5255	576.7664	1135.4989	568.2531	1134.5149	567.7611	9
3	421.1870	211.0972					Y	966.4462	483.7267	949.4196	475.2135	948.4356	474.7214	8
4	492.2241	246.6157					A	803.3828	402.1951	786.3563	393.6818	785.3723	393.1898	7
5	563.2613	282.1343					A	732.3457	366.6765	715.3192	358.1632	714.3352	357.6712	6
6	646.2984	323.6528			628.2878	314.6475	T	661.3086	331.1579	644.2821	322.6447	643.2981	322.1527	5
7	806.3290	403.6681			788.3185	394.6629	C	578.2715	289.6394	561.2450	281.1261	560.2609	280.6341	4
8	921.3560	461.1816			903.3454	452.1763	D	418.2409	209.6241	401.2143	201.1108	400.2303	200.6188	3
9	1077.4571	539.2322	1060.4305	530.7189	1059.4465	530.2269	R	303.2139	152.1106	286.1874	143.5973			2
10							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
679.3621	2	1356.6802	0.0294	12.43	S30	NEpSGIINKFKK	Phospho (ST)



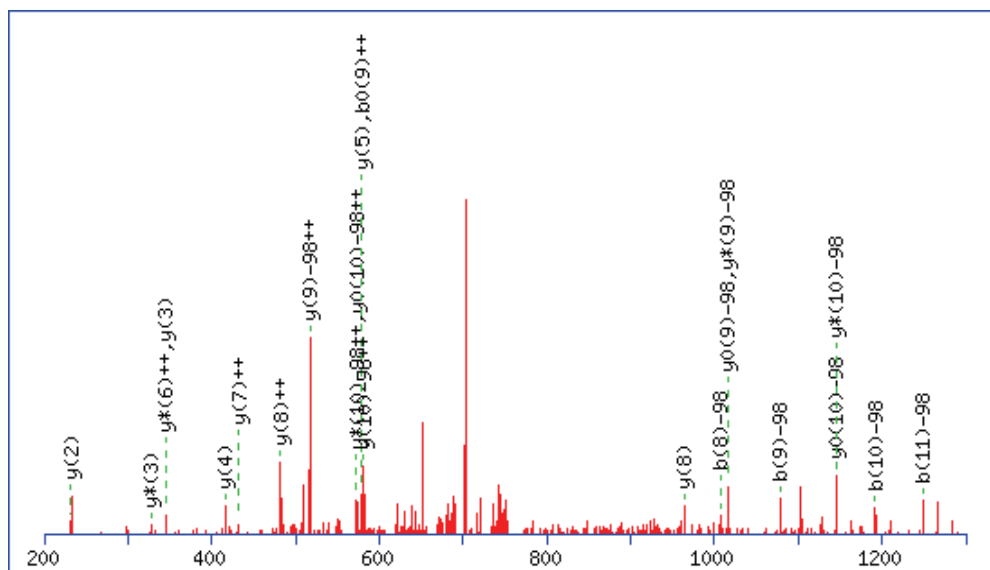
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	115.0502	58.0287	98.0237	49.5155			N							11
2	244.0928	122.5500	227.0662	114.0368	226.0822	113.5448	E	1145.6677	573.3375	1128.6412	564.8242	1127.6571	564.3322	10
3	313.1143	157.0608	296.0877	148.5475	295.1037	148.0555	S	1016.6251	508.8162	999.5986	500.3029	998.6146	499.8109	9
4	370.1357	185.5715	353.1092	177.0582	352.1252	176.5662	G	947.6037	474.3055	930.5771	465.7922			8
5	483.2198	242.1135	466.1932	233.6003	465.2092	233.1082	I	890.5822	445.7947	873.5556	437.2815			7
6	596.3038	298.6556	579.2773	290.1423	578.2933	289.6503	I	777.4981	389.2527	760.4716	380.7394			6
7	710.3468	355.6770	693.3202	347.1637	692.3362	346.6717	N	664.4141	332.7107	647.3875	324.1974			5
8	838.4417	419.7245	821.4152	411.2112	820.4312	410.7192	K	550.3711	275.6892	533.3446	267.1759			4
9	985.5101	493.2587	968.4836	484.7454	967.4996	484.2534	F	422.2762	211.6417	405.2496	203.1285			3
10	1113.6051	557.3062	1096.5786	548.7929	1095.5945	548.3009	K	275.2078	138.1075	258.1812	129.5942			2
11							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
690.8376	2	1379.6615	-0.0009	55.15	S170, S173	KPpSLPpSPAAPKPK	2 Phospho (ST)



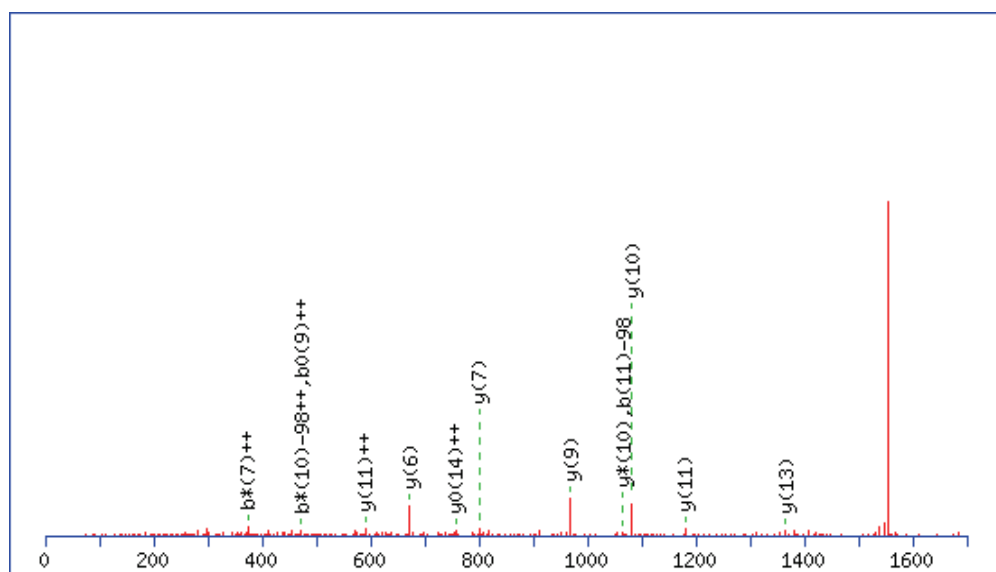
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							12
2	226.1550	113.5811	209.1285	105.0679			P	1056.6200	528.8137	1039.5935	520.3004	1038.6095	519.8084	11
3	295.1765	148.0919	278.1499	139.5786	277.1659	139.0866	S	959.5673	480.2873	942.5407	471.7740	941.5567	471.2820	10
4	408.2605	204.6339	391.2340	196.1206	390.2500	195.6286	L	890.5458	445.7765	873.5193	437.2633	872.5352	436.7713	9
5	505.3133	253.1603	488.2867	244.6470	487.3027	244.1550	P	777.4617	389.2345	760.4352	380.7212	759.4512	380.2292	8
6	574.3347	287.6710	557.3082	279.1577	556.3242	278.6657	S	680.4090	340.7081	663.3824	332.1949	662.3984	331.7028	7
7	671.3875	336.1974	654.3610	327.6841	653.3769	327.1921	P	611.3875	306.1974	594.3610	297.6841			6
8	742.4246	371.7159	725.3981	363.2027	724.4141	362.7107	A	514.3348	257.6710	497.3082	249.1577			5
9	813.4617	407.2345	796.4352	398.7212	795.4512	398.2292	A	443.2976	222.1525	426.2711	213.6392			4
10	941.5567	471.2820	924.5301	462.7687	923.5461	462.2767	K	372.2605	186.6339	355.2340	178.1206			3
11	1038.6095	519.8084	1021.5829	511.2951	1020.5989	510.8031	P	244.1656	122.5864	227.1390	114.0731			2
12							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
760.8677	2	1519.7184	0.0025	25.57	S499	FIEpSTRQYALGR	Phospho (ST)



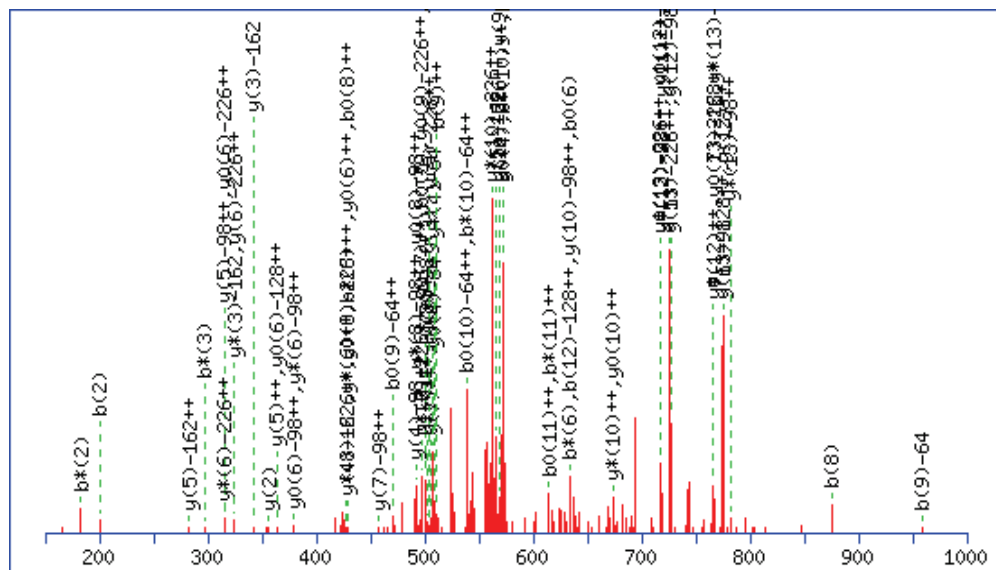
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	148.0757	74.5415					F							12
2	261.1598	131.0835					I	1275.6804	638.3438	1258.6539	629.8306	1257.6698	629.3386	11
3	390.2023	195.6048			372.1918	186.5995	E	1162.5963	581.8018	1145.5698	573.2885	1144.5858	572.7965	10
4	459.2238	230.1155			441.2132	221.1103	S	1033.5537	517.2805	1016.5272	508.7672	1015.5432	508.2752	9
5	560.2715	280.6394			542.2609	271.6341	T	964.5323	482.7698	947.5057	474.2565	946.5217	473.7645	8
6	716.3726	358.6899	699.3460	350.1767	698.3620	349.6847	R	863.4846	432.2459	846.4581	423.7327			7
7	844.4312	422.7192	827.4046	414.2059	826.4206	413.7139	Q	707.3835	354.1954	690.3570	345.6821			6
8	1007.4945	504.2509	990.4680	495.7376	989.4839	495.2456	Y	579.3249	290.1661	562.2984	281.6528			5
9	1078.5316	539.7694	1061.5051	531.2562	1060.5210	530.7642	A	416.2616	208.6344	399.2350	200.1212			4
10	1191.6157	596.3115	1174.5891	587.7982	1173.6051	587.3062	L	345.2245	173.1159	328.1979	164.6026			3
11	1248.6371	624.8222	1231.6106	616.3089	1230.6266	615.8169	G	232.1404	116.5738	215.1139	108.0606			2
12							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
817.8856	2	1633.7647	-0.008	34.77		(t)(s)NAVNPAKPCLPSR	Phospho (ST)



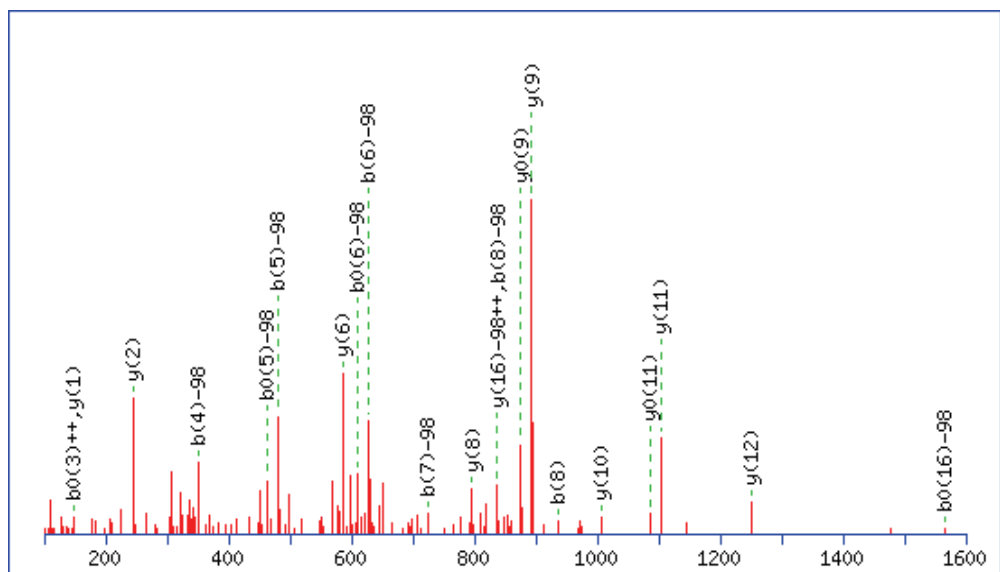
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	102.0550	51.5311			84.0444	42.5258	T							15
2	269.0533	135.0303			251.0427	126.0250	S	1533.7243	767.3658	1516.6978	758.8525	1515.7138	758.3605	14
3	383.0962	192.0518	366.0697	183.5385	365.0857	183.0465	N	1366.7260	683.8666	1349.6994	675.3534	1348.7154	674.8613	13
4	454.1333	227.5703	437.1068	219.0570	436.1228	218.5650	A	1252.6831	626.8452	1235.6565	618.3319	1234.6725	617.8399	12
5	553.2018	277.1045	536.1752	268.5912	535.1912	268.0992	V	1181.6459	591.3266	1164.6194	582.8133	1163.6354	582.3213	11
6	667.2447	334.1260	650.2181	325.6127	649.2341	325.1207	N	1082.5775	541.7924	1065.5510	533.2791	1064.5670	532.7871	10
7	764.2975	382.6524	747.2709	374.1391	746.2869	373.6471	P	968.5346	484.7709	951.5080	476.2577	950.5240	475.7657	9
8	835.3346	418.1709	818.3080	409.6576	817.3240	409.1656	A	871.4818	436.2446	854.4553	427.7313	853.4713	427.2393	8
9	963.4295	482.2184	946.4030	473.7051	945.4190	473.2131	K	800.4447	400.7260	783.4182	392.2127	782.4342	391.7207	7
10	1060.4823	530.7448	1043.4557	522.2315	1042.4717	521.7395	P	672.3498	336.6785	655.3232	328.1652	654.3392	327.6732	6
11	1163.4915	582.2494	1146.4649	573.7361	1145.4809	573.2441	C	575.2970	288.1521	558.2704	279.6389	557.2864	279.1469	5
12	1276.5755	638.7914	1259.5490	630.2781	1258.5650	629.7861	L	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4
13	1373.6283	687.3178	1356.6018	678.8045	1355.6177	678.3125	P	359.2037	180.1055	342.1772	171.5922	341.1932	171.1002	3
14	1460.6603	730.8338	1443.6338	722.3205	1442.6498	721.8285	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
15							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
583.558	3	1747.6556	-0.0033	12.93		AQNAEHSHMH(s)M(t)R	2 Oxidation (M); Phospho (ST)



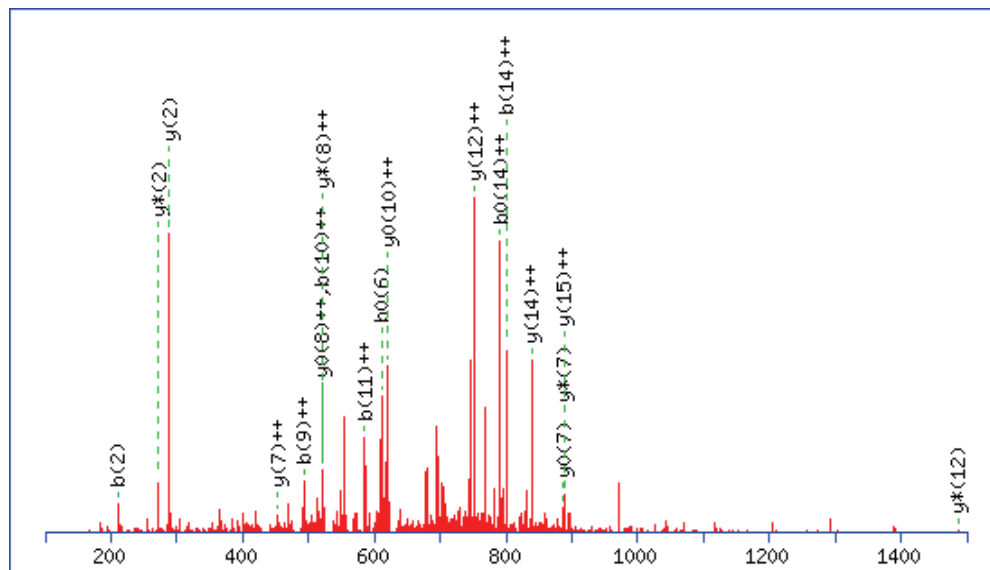
#	b	b ⁺⁺	b [*]	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							14
2	200.1030	100.5551	183.0764	92.0418			Q	1451.6523	726.3298	1434.6258	717.8165	1433.6417	717.3245	13
3	314.1459	157.5766	297.1193	149.0633			N	1323.5937	662.3005	1306.5672	653.7872	1305.5832	653.2952	12
4	385.1830	193.0951	368.1565	184.5819			A	1209.5508	605.2790	1192.5242	596.7658	1191.5402	596.2738	11
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	1138.5137	569.7605	1121.4871	561.2472	1120.5031	560.7552	10
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	1009.4711	505.2392	992.4445	496.7259	991.4605	496.2339	9
7	738.3165	369.6619	721.2900	361.1486	720.3060	360.6566	S	872.4122	436.7097	855.3856	428.1965	854.4016	427.7044	8
8	875.3755	438.1914	858.3489	429.6781	857.3649	429.1861	H	785.3801	393.1937	768.3536	384.6804	767.3696	384.1884	7
9	958.4126	479.7099	941.3860	471.1966	940.4020	470.7046	M	648.3212	324.6643	631.2947	316.1510	630.3107	315.6590	6
10	1095.4715	548.2394	1078.4449	539.7261	1077.4609	539.2341	H	565.2841	283.1457	548.2576	274.6324	547.2736	274.1404	5
11	1182.5035	591.7554	1165.4770	583.2421	1164.4929	582.7501	S	428.2252	214.6162	411.1987	206.1030	410.2146	205.6110	4
12	1265.5406	633.2740	1248.5141	624.7607	1247.5301	624.2687	M	341.1932	171.1002	324.1666	162.5870	323.1826	162.0949	3
13	1348.5777	674.7925	1331.5512	666.2792	1330.5672	665.7872	T	258.1561	129.5817	241.1295	121.0684	240.1455	120.5764	2
14							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
914.4403	2	1826.8604	0.0057	50.56		G(s)HEFPLPLPSGTPK	Phospho (ST)



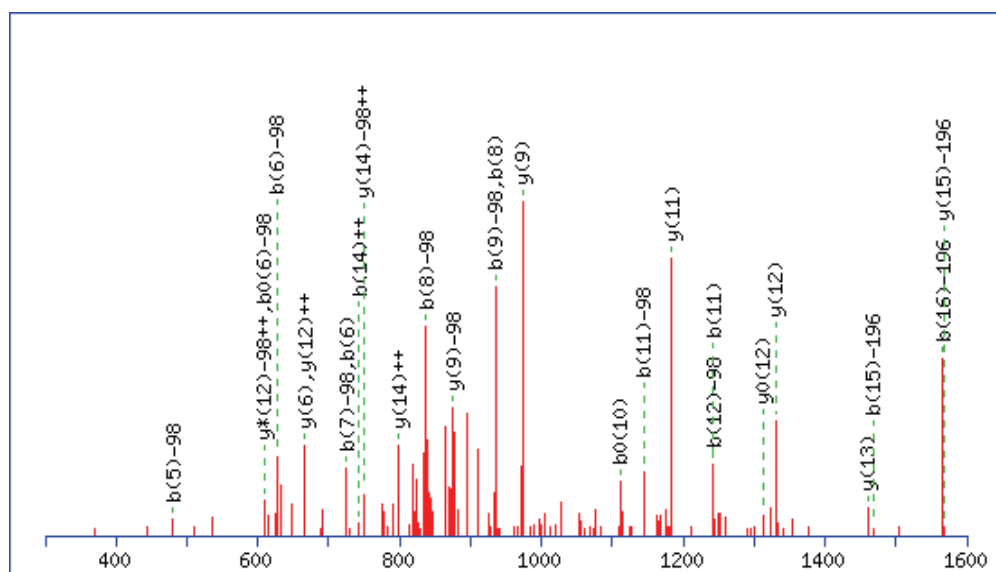
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180			G							17
2	145.0608	73.0340	127.0502	64.0287	S	1672.8693	836.9383	1655.8428	828.4250	1654.8588	827.9330	16
3	214.0822	107.5448	196.0717	98.5395	S	1585.8373	793.4223	1568.8107	784.9090	1567.8267	784.4170	15
4	351.1411	176.0742	333.1306	167.0689	H	1516.8158	758.9116	1499.7893	750.3983	1498.8053	749.9063	14
5	480.1837	240.5955	462.1732	231.5902	E	1379.7569	690.3821	1362.7304	681.8688	1361.7464	681.3768	13
6	627.2521	314.1297	609.2416	305.1244	F	1250.7143	625.8608	1233.6878	617.3475	1232.7038	616.8555	12
7	724.3049	362.6561	706.2943	353.6508	P	1103.6459	552.3266	1086.6194	543.8133	1085.6354	543.3213	11
8	837.3890	419.1981	819.3784	410.1928	L	1006.5932	503.8002	989.5666	495.2869	988.5826	494.7949	10
9	934.4417	467.7245	916.4312	458.7192	P	893.5091	447.2582	876.4825	438.7449	875.4985	438.2529	9
10	1031.4945	516.2509	1013.4839	507.2456	P	796.4563	398.7318	779.4298	390.2185	778.4458	389.7265	8
11	1144.5786	572.7929	1126.5680	563.7876	L	699.4036	350.2054	682.3770	341.6921	681.3930	341.2001	7
12	1241.6313	621.3193	1223.6208	612.3140	P	586.3195	293.6634	569.2930	285.1501	568.3089	284.6581	6
13	1328.6634	664.8353	1310.6528	655.8300	S	489.2667	245.1370	472.2402	236.6237	471.2562	236.1317	5
14	1385.6848	693.3460	1367.6743	684.3408	G	402.2347	201.6210	385.2082	193.1077	384.2241	192.6157	4
15	1486.7325	743.8699	1468.7219	734.8646	T	345.2132	173.1103	328.1867	164.5970	327.2027	164.1050	3
16	1583.7853	792.3963	1565.7747	783.3910	P	244.1656	122.5864	227.1390	114.0731			2
17					K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
630.2902	3	1887.8516	-0.003	2.82	Y138	IPSSFPISRGEpYADNR	Phospho (Y)



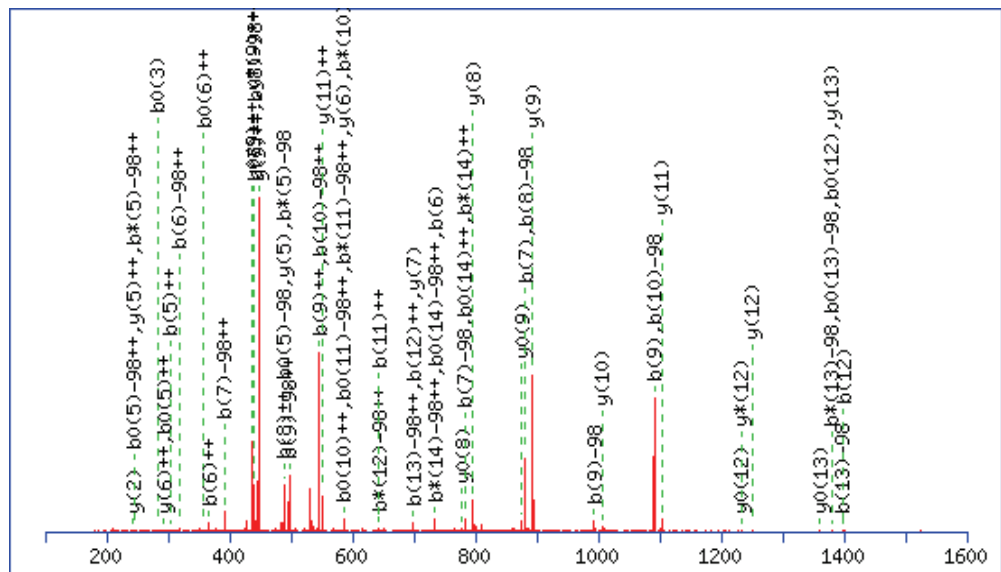
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							16
2	211.1441	106.0757					P	1775.7748	888.3911	1758.7483	879.8778	1757.7643	879.3858	15
3	298.1761	149.5917			280.1656	140.5864	S	1678.7221	839.8647	1661.6955	831.3514	1660.7115	830.8594	14
4	385.2082	193.1077			367.1976	184.1024	S	1591.6901	796.3487	1574.6635	787.8354	1573.6795	787.3434	13
5	532.2766	266.6419			514.2660	257.6366	F	1504.6580	752.8327	1487.6315	744.3194	1486.6475	743.8274	12
6	629.3293	315.1683			611.3188	306.1630	P	1357.5896	679.2984	1340.5631	670.7852	1339.5790	670.2932	11
7	742.4134	371.7103			724.4028	362.7051	I	1260.5368	630.7721	1243.5103	622.2588	1242.5263	621.7668	10
8	829.4454	415.2264			811.4349	406.2211	S	1147.4528	574.2300	1130.4262	565.7168	1129.4422	565.2247	9
9	985.5465	493.2769	968.5200	484.7636	967.5360	484.2716	R	1060.4208	530.7140	1043.3942	522.2007	1042.4102	521.7087	8
10	1042.5680	521.7876	1025.5415	513.2744	1024.5574	512.7824	G	904.3196	452.6635	887.2931	444.1502	886.3091	443.6582	7
11	1171.6106	586.3089	1154.5840	577.7957	1153.6000	577.3037	E	847.2982	424.1527	830.2716	415.6395	829.2876	415.1474	6
12	1414.6403	707.8238	1397.6137	699.3105	1396.6297	698.8185	Y	718.2556	359.6314	701.2290	351.1182	700.2450	350.6262	5
13	1485.6774	743.3423	1468.6508	734.8290	1467.6668	734.3370	A	475.2259	238.1166	458.1994	229.6033	457.2154	229.1113	4
14	1600.7043	800.8558	1583.6778	792.3425	1582.6937	791.8505	D	404.1888	202.5980	387.1623	194.0848	386.1783	193.5928	3
15	1714.7472	857.8773	1697.7207	849.3640	1696.7367	848.8720	N	289.1619	145.0846	272.1353	136.5713			2
16							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
954.4217	2	1906.8267	0.0021	30.25		G(s)HEFPLPLP(s)G(t)PK	2 Phospho (ST)



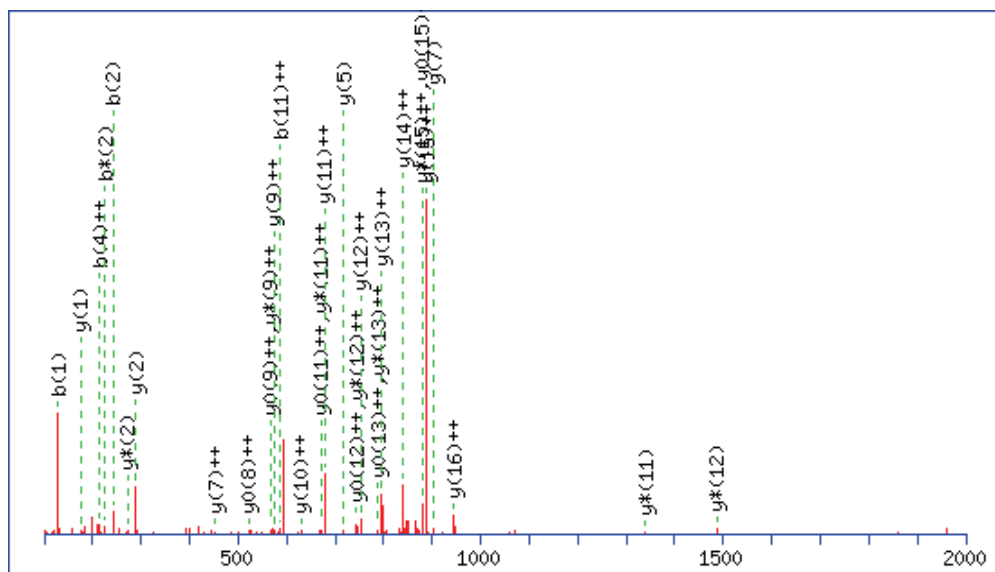
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180			G							17
2	145.0608	73.0340	127.0502	64.0287	S	1654.8588	827.9330	1637.8322	819.4197	1636.8482	818.9277	16
3	214.0822	107.5448	196.0717	98.5395	S	1567.8267	784.4170	1550.8002	775.9037	1549.8162	775.4117	15
4	351.1411	176.0742	333.1306	167.0689	H	1498.8053	749.9063	1481.7787	741.3930	1480.7947	740.9010	14
5	480.1837	240.5955	462.1732	231.5902	E	1361.7464	681.3768	1344.7198	672.8635	1343.7358	672.3715	13
6	627.2521	314.1297	609.2416	305.1244	F	1232.7038	616.8555	1215.6772	608.3422	1214.6932	607.8502	12
7	724.3049	362.6561	706.2943	353.6508	P	1085.6354	543.3213	1068.6088	534.8080	1067.6248	534.3160	11
8	837.3890	419.1981	819.3784	410.1928	L	988.5826	494.7949	971.5560	486.2817	970.5720	485.7896	10
9	934.4417	467.7245	916.4312	458.7192	P	875.4985	438.2529	858.4720	429.7396	857.4880	429.2476	9
10	1031.4945	516.2509	1013.4839	507.2456	P	778.4458	389.7265	761.4192	381.2132	760.4352	380.7212	8
11	1144.5786	572.7929	1126.5680	563.7876	L	681.3930	341.2001	664.3664	332.6869	663.3824	332.1949	7
12	1241.6313	621.3193	1223.6208	612.3140	P	568.3089	284.6581	551.2824	276.1448	550.2984	275.6528	6
13	1328.6634	664.8353	1310.6528	655.8300	S	471.2562	236.1317	454.2296	227.6184	453.2456	227.1264	5
14	1385.6848	693.3460	1367.6743	684.3408	G	384.2241	192.6157	367.1976	184.1024	366.2136	183.6104	4
15	1468.7219	734.8646	1450.7114	725.8593	T	327.2027	164.1050	310.1761	155.5917	309.1921	155.0997	3
16	1565.7747	783.3910	1547.7641	774.3857	P	244.1656	122.5864	227.1390	114.0731			2
17					K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
661.9957	3	1982.9615	0.0037	64.71		RG(s)sHEFPLPLPSGTPK	Phospho (ST)



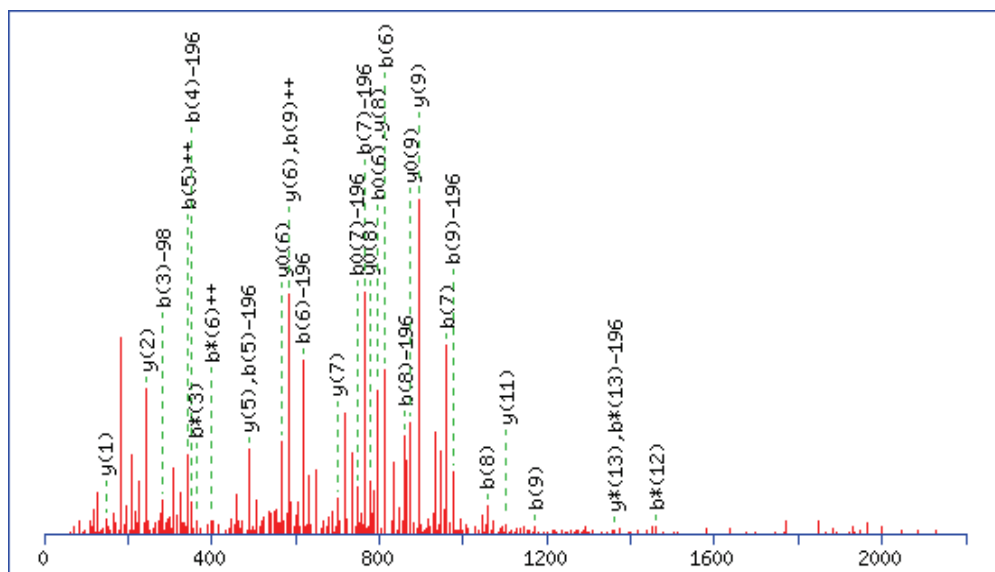
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	157.1084	79.0578	140.0818	70.5446			R							18
2	214.1299	107.5686	197.1033	99.0553			G	1729.8908	865.4490	1712.8642	856.9358	1711.8802	856.4438	17
3	301.1619	151.0846	284.1353	142.5713	283.1513	142.0793	S	1672.8693	836.9383	1655.8428	828.4250	1654.8588	827.9330	16
4	370.1833	185.5953	353.1568	177.0820	352.1728	176.5900	S	1585.8373	793.4223	1568.8107	784.9090	1567.8267	784.4170	15
5	507.2422	254.1248	490.2157	245.6115	489.2317	245.1195	H	1516.8158	758.9116	1499.7893	750.3983	1498.8053	749.9063	14
6	636.2848	318.6461	619.2583	310.1328	618.2743	309.6408	E	1379.7569	690.3821	1362.7304	681.8688	1361.7464	681.3768	13
7	783.3533	392.1803	766.3267	383.6670	765.3427	383.1750	F	1250.7143	625.8608	1233.6878	617.3475	1232.7038	616.8555	12
8	880.4060	440.7066	863.3795	432.1934	862.3955	431.7014	P	1103.6459	552.3266	1086.6194	543.8133	1085.6354	543.3213	11
9	993.4901	497.2487	976.4635	488.7354	975.4795	488.2434	L	1006.5932	503.8002	989.5666	495.2869	988.5826	494.7949	10
10	1090.5428	545.7751	1073.5163	537.2618	1072.5323	536.7698	P	893.5091	447.2582	876.4825	438.7449	875.4985	438.2529	9
11	1187.5956	594.3014	1170.5691	585.7882	1169.5850	585.2962	P	796.4563	398.7318	779.4298	390.2185	778.4458	389.7265	8
12	1300.6797	650.8435	1283.6531	642.3302	1282.6691	641.8382	L	699.4036	350.2054	682.3770	341.6921	681.3930	341.2001	7
13	1397.7324	699.3699	1380.7059	690.8566	1379.7219	690.3646	P	586.3195	293.6634	569.2930	285.1501	568.3089	284.6581	6
14	1484.7645	742.8859	1467.7379	734.3726	1466.7539	733.8806	S	489.2667	245.1370	472.2402	236.6237	471.2562	236.1317	5
15	1541.7859	771.3966	1524.7594	762.8833	1523.7754	762.3913	G	402.2347	201.6210	385.2082	193.1077	384.2241	192.6157	4
16	1642.8336	821.9204	1625.8071	813.4072	1624.8230	812.9152	T	345.2132	173.1103	328.1867	164.5970	327.2027	164.1050	3
17	1739.8864	870.4468	1722.8598	861.9336	1721.8758	861.4415	P	244.1656	122.5864	227.1390	114.0731			2
18							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
672.9901	3	2015.9466	0.0019	32.91	Y138	KIPSSFPISRGEpYADNR	Phospho (Y)



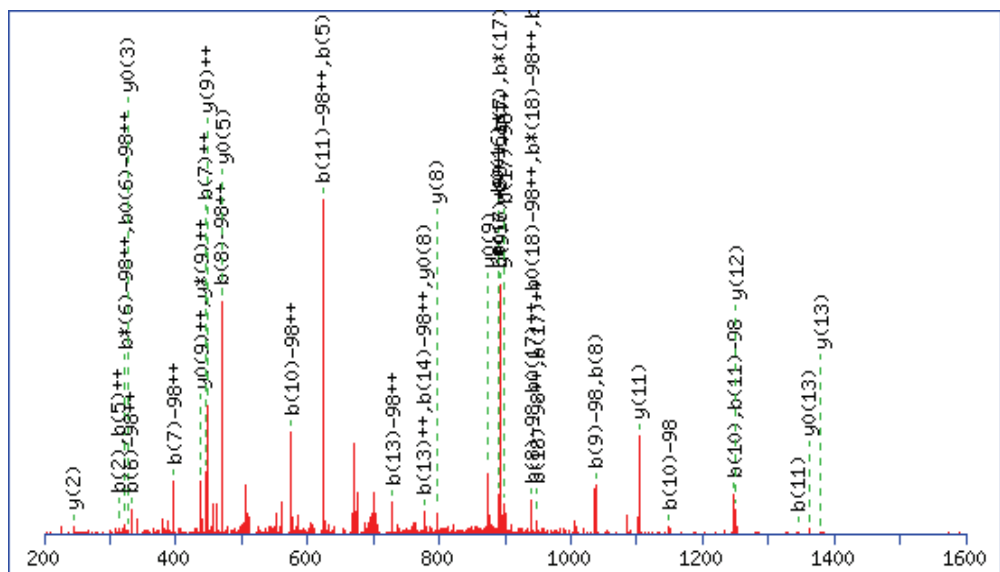
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							17
2	242.1863	121.5968	225.1598	113.0835			I	1888.8589	944.9331	1871.8324	936.4198	1870.8483	935.9278	16
3	339.2391	170.1232	322.2125	161.6099			P	1775.7748	888.3911	1758.7483	879.8778	1757.7643	879.3858	15
4	426.2711	213.6392	409.2445	205.1259	408.2605	204.6339	S	1678.7221	839.8647	1661.6955	831.3514	1660.7115	830.8594	14
5	513.3031	257.1552	496.2766	248.6419	495.2926	248.1499	S	1591.6901	796.3487	1574.6635	787.8354	1573.6795	787.3434	13
6	660.3715	330.6894	643.3450	322.1761	642.3610	321.6841	F	1504.6580	752.8327	1487.6315	744.3194	1486.6475	743.8274	12
7	757.4243	379.2158	740.3978	370.7025	739.4137	370.2105	P	1357.5896	679.2984	1340.5631	670.7852	1339.5790	670.2932	11
8	870.5084	435.7578	853.4818	427.2445	852.4978	426.7525	I	1260.5368	630.7721	1243.5103	622.2588	1242.5263	621.7668	10
9	957.5404	479.2738	940.5138	470.7606	939.5298	470.2686	S	1147.4528	574.2300	1130.4262	565.7168	1129.4422	565.2247	9
10	1113.6415	557.3244	1096.6150	548.8111	1095.6309	548.3191	R	1060.4208	530.7140	1043.3942	522.2007	1042.4102	521.7087	8
11	1170.6630	585.8351	1153.6364	577.3218	1152.6524	576.8298	G	904.3196	452.6635	887.2931	444.1502	886.3091	443.6582	7
12	1299.7056	650.3564	1282.6790	641.8431	1281.6950	641.3511	E	847.2982	424.1527	830.2716	415.6395	829.2876	415.1474	6
13	1542.7352	771.8712	1525.7087	763.3580	1524.7246	762.8660	Y	718.2556	359.6314	701.2290	351.1182	700.2450	350.6262	5
14	1613.7723	807.3898	1596.7458	798.8765	1595.7618	798.3845	A	475.2259	238.1166	458.1994	229.6033	457.2154	229.1113	4
15	1728.7993	864.9033	1711.7727	856.3900	1710.7887	855.8980	D	404.1888	202.5980	387.1623	194.0848	386.1783	193.5928	3
16	1842.8422	921.9247	1825.8156	913.4115	1824.8316	912.9195	N	289.1619	145.0846	272.1353	136.5713			2
17							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
688.6513	3	2062.9278	0.0043	40.88	S381, S382	RGpSpSHEFPLPLPSGTPK	2 Phospho (ST)



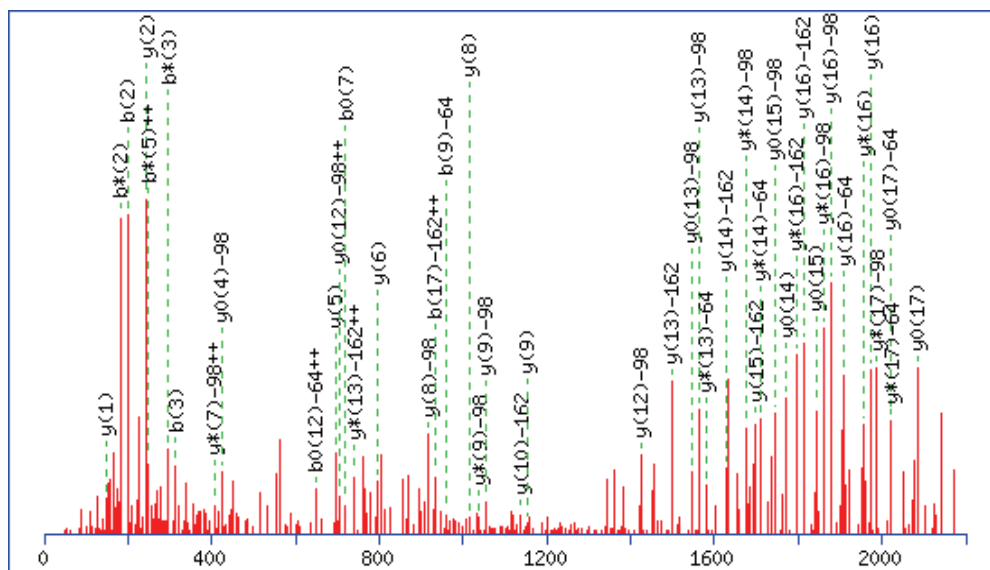
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	157.1084	79.0578	140.0818	70.5446			R							18
2	214.1299	107.5686	197.1033	99.0553			G	1711.8802	856.4437	1694.8537	847.9305	1693.8697	847.4385	17
3	283.1513	142.0793	266.1248	133.5660	265.1407	133.0740	S	1654.8588	827.9330	1637.8322	819.4197	1636.8482	818.9277	16
4	352.1728	176.5900	335.1462	168.0767	334.1622	167.5847	S	1585.8373	793.4223	1568.8107	784.9090	1567.8267	784.4170	15
5	489.2317	245.1195	472.2051	236.6062	471.2211	236.1142	H	1516.8158	758.9116	1499.7893	750.3983	1498.8053	749.9063	14
6	618.2743	309.6408	601.2477	301.1275	600.2637	300.6355	E	1379.7569	690.3821	1362.7304	681.8688	1361.7464	681.3768	13
7	765.3427	383.1750	748.3161	374.6617	747.3321	374.1697	F	1250.7143	625.8608	1233.6878	617.3475	1232.7038	616.8555	12
8	862.3954	431.7014	845.3689	423.1881	844.3849	422.6961	P	1103.6459	552.3266	1086.6194	543.8133	1085.6354	543.3213	11
9	975.4795	488.2434	958.4530	479.7301	957.4689	479.2381	L	1006.5932	503.8002	989.5666	495.2869	988.5826	494.7949	10
10	1072.5323	536.7698	1055.5057	528.2565	1054.5217	527.7645	P	893.5091	447.2582	876.4825	438.7449	875.4985	438.2529	9
11	1169.5850	585.2962	1152.5585	576.7829	1151.5745	576.2909	P	796.4563	398.7318	779.4298	390.2185	778.4458	389.7265	8
12	1282.6691	641.8382	1265.6426	633.3249	1264.6585	632.8329	L	699.4036	350.2054	682.3770	341.6921	681.3930	341.2001	7
13	1379.7219	690.3646	1362.6953	681.8513	1361.7113	681.3593	P	586.3195	293.6634	569.2930	285.1501	568.3089	284.6581	6
14	1466.7539	733.8806	1449.7273	725.3673	1448.7433	724.8753	S	489.2667	245.1370	472.2402	236.6237	471.2562	236.1317	5
15	1523.7754	762.3913	1506.7488	753.8780	1505.7648	753.3860	G	402.2347	201.6210	385.2082	193.1077	384.2241	192.6157	4
16	1624.8230	812.9152	1607.7965	804.4019	1606.8125	803.9099	T	345.2132	173.1103	328.1867	164.5970	327.2027	164.1050	3
17	1721.8758	861.4415	1704.8493	852.9283	1703.8652	852.4363	P	244.1656	122.5864	227.1390	114.0731			2
18							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
714.0284	3	2139.0626	0.0007	48.08		RRG(s)sHEFPLPLPSGTPK	Phospho (ST)



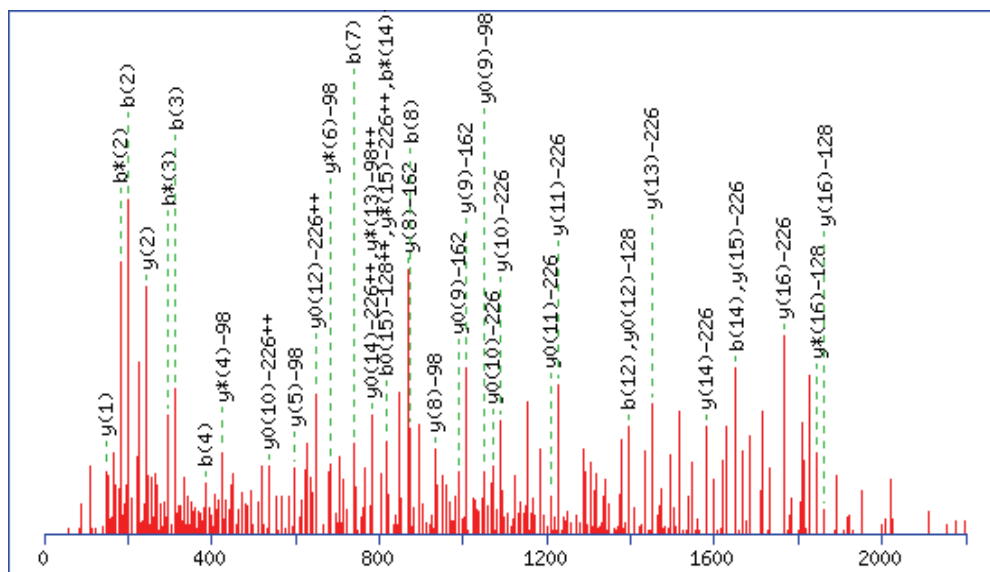
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	157.1084	79.0578	140.0818	70.5446			R							19
2	313.2095	157.1084	296.1829	148.5951			R	1885.9919	943.4996	1868.9654	934.9863	1867.9813	934.4943	18
3	370.2310	185.6191	353.2044	177.1058			G	1729.8908	865.4490	1712.8642	856.9358	1711.8802	856.4438	17
4	457.2630	229.1351	440.2364	220.6219	439.2524	220.1299	S	1672.8693	836.9383	1655.8428	828.4250	1654.8588	827.9330	16
5	526.2844	263.6459	509.2579	255.1326	508.2739	254.6406	S	1585.8373	793.4223	1568.8107	784.9090	1567.8267	784.4170	15
6	663.3434	332.1753	646.3168	323.6620	645.3328	323.1700	H	1516.8158	758.9116	1499.7893	750.3983	1498.8053	749.9063	14
7	792.3860	396.6966	775.3594	388.1833	774.3754	387.6913	E	1379.7569	690.3821	1362.7304	681.8688	1361.7464	681.3768	13
8	939.4544	470.2308	922.4278	461.7175	921.4438	461.2255	F	1250.7143	625.8608	1233.6878	617.3475	1232.7038	616.8555	12
9	1036.5071	518.7572	1019.4806	510.2439	1018.4966	509.7519	P	1103.6459	552.3266	1086.6194	543.8133	1085.6354	543.3213	11
10	1149.5912	575.2992	1132.5646	566.7860	1131.5806	566.2940	L	1006.5932	503.8002	989.5666	495.2869	988.5826	494.7949	10
11	1246.6440	623.8256	1229.6174	615.3123	1228.6334	614.8203	P	893.5091	447.2582	876.4825	438.7449	875.4985	438.2529	9
12	1343.6967	672.3520	1326.6702	663.8387	1325.6862	663.3467	P	796.4563	398.7318	779.4298	390.2185	778.4458	389.7265	8
13	1456.7808	728.8940	1439.7542	720.3808	1438.7702	719.8887	L	699.4036	350.2054	682.3770	341.6921	681.3930	341.2001	7
14	1553.8335	777.4204	1536.8070	768.9071	1535.8230	768.4151	P	586.3195	293.6634	569.2930	285.1501	568.3089	284.6581	6
15	1640.8656	820.9364	1623.8390	812.4232	1622.8550	811.9311	S	489.2667	245.1370	472.2402	236.6237	471.2562	236.1317	5
16	1697.8870	849.4472	1680.8605	840.9339	1679.8765	840.4419	G	402.2347	201.6210	385.2082	193.1077	384.2241	192.6157	4
17	1798.9347	899.9710	1781.9082	891.4577	1780.9242	890.9657	T	345.2132	173.1103	328.1867	164.5970	327.2027	164.1050	3
18	1895.9875	948.4974	1878.9609	939.9841	1877.9769	939.4921	P	244.1656	122.5864	227.1390	114.0731			2
19							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
544.2246	4	2172.883	-0.0137	19.66		AQNAEHSMMH(s)M(t)RE(s)PK	Oxidation (M); Phospho (ST)



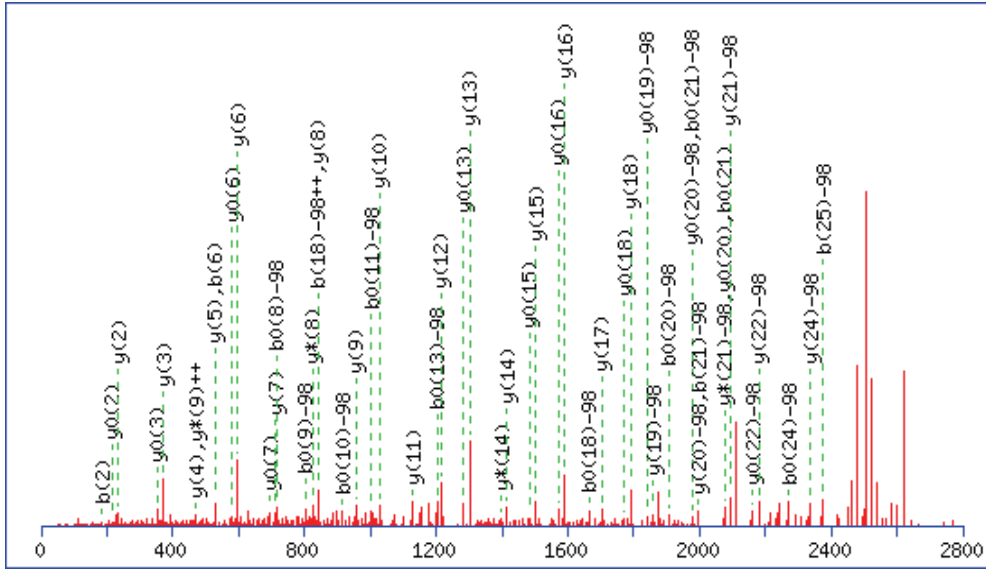
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							18
2	200.1030	100.5551	183.0764	92.0418			Q	1940.8780	970.9426	1923.8515	962.4294	1922.8674	961.9374	17
3	314.1459	157.5766	297.1193	149.0633			N	1812.8194	906.9134	1795.7929	898.4001	1794.8089	897.9081	16
4	385.1830	193.0951	368.1565	184.5819			A	1698.7765	849.8919	1681.7500	841.3786	1680.7659	840.8866	15
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	1627.7394	814.3733	1610.7128	805.8601	1609.7288	805.3681	14
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	1498.6968	749.8520	1481.6703	741.3388	1480.6862	740.8468	13
7	738.3165	369.6619	721.2900	361.1486	720.3060	360.6566	S	1361.6379	681.3226	1344.6113	672.8093	1343.6273	672.3173	12
8	875.3755	438.1914	858.3489	429.6781	857.3649	429.1861	H	1274.6059	637.8066	1257.5793	629.2933	1256.5953	628.8013	11
9	958.4126	479.7099	941.3860	471.1966	940.4020	470.7046	M	1137.5470	569.2771	1120.5204	560.7638	1119.5364	560.2718	10
10	1095.4715	548.2394	1078.4449	539.7261	1077.4609	539.2341	H	1054.5098	527.7586	1037.4833	519.2453	1036.4993	518.7533	9
11	1182.5035	591.7554	1165.4770	583.2421	1164.4929	582.7501	S	917.4509	459.2291	900.4244	450.7158	899.4404	450.2238	8
12	1313.5440	657.2756	1296.5174	648.7624	1295.5334	648.2704	M	830.4189	415.7131	813.3923	407.1998	812.4083	406.7078	7
13	1414.5917	707.7995	1397.5651	699.2862	1396.5811	698.7942	T	699.3784	350.1928	682.3519	341.6796	681.3678	341.1876	6
14	1570.6928	785.8500	1553.6662	777.3368	1552.6822	776.8447	R	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	5
15	1699.7354	850.3713	1682.7088	841.8581	1681.7248	841.3660	E	442.2296	221.6184	425.2031	213.1052	424.2191	212.6132	4
16	1768.7568	884.8821	1751.7303	876.3688	1750.7463	875.8768	S	313.1870	157.0972	296.1605	148.5839	295.1765	148.0919	3
17	1865.8096	933.4084	1848.7831	924.8952	1847.7990	924.4032	P	244.1656	122.5864	227.1390	114.0731			2
18							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
730.6256	3	2188.8779	-0.0229	48.44	S290	AQNAEHSMHSMTREpSPK	2 Oxidation (M); Phospho (ST)



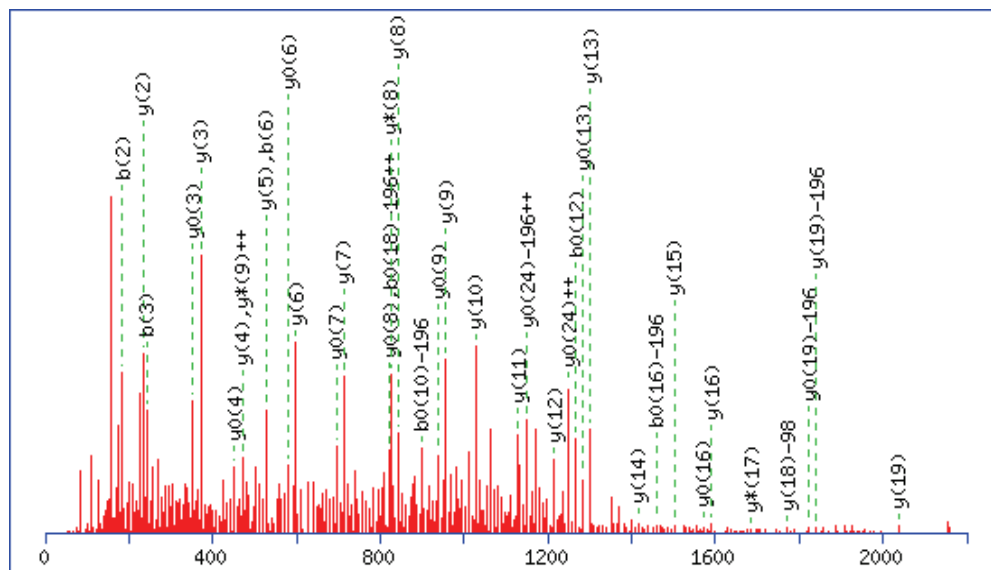
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							18
2	200.1030	100.5551	183.0764	92.0418			Q	1892.8746	946.9410	1875.8481	938.4277	1874.8641	937.9357	17
3	314.1459	157.5766	297.1193	149.0633			N	1764.8161	882.9117	1747.7895	874.3984	1746.8055	873.9064	16
4	385.1830	193.0951	368.1565	184.5819			A	1650.7731	825.8902	1633.7466	817.3769	1632.7626	816.8849	15
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	1579.7360	790.3717	1562.7095	781.8584	1561.7255	781.3664	14
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	1450.6934	725.8504	1433.6669	717.3371	1432.6829	716.8451	13
7	738.3165	369.6619	721.2900	361.1486	720.3060	360.6566	S	1313.6345	657.3209	1296.6080	648.8076	1295.6240	648.3156	12
8	875.3755	438.1914	858.3489	429.6781	857.3649	429.1861	H	1226.6025	613.8049	1209.5759	605.2916	1208.5919	604.7996	11
9	958.4126	479.7099	941.3860	471.1966	940.4020	470.7046	M	1089.5436	545.2754	1072.5170	536.7622	1071.5330	536.2701	10
10	1095.4715	548.2394	1078.4449	539.7261	1077.4609	539.2341	H	1006.5065	503.7569	989.4799	495.2436	988.4959	494.7516	9
11	1182.5035	591.7554	1165.4770	583.2421	1164.4929	582.7501	S	869.4476	435.2274	852.4210	426.7141	851.4370	426.2221	8
12	1265.5406	633.2740	1248.5141	624.7607	1247.5301	624.2687	M	782.4155	391.7114	765.3890	383.1981	764.4050	382.7061	7
13	1366.5883	683.7978	1349.5618	675.2845	1348.5777	674.7925	T	699.3784	350.1928	682.3519	341.6796	681.3678	341.1876	6
14	1522.6894	761.8483	1505.6629	753.3351	1504.6789	752.8431	R	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	5
15	1651.7320	826.3696	1634.7055	817.8564	1633.7215	817.3644	E	442.2296	221.6184	425.2031	213.1052	424.2191	212.6132	4
16	1720.7535	860.8804	1703.7269	852.3671	1702.7429	851.8751	S	313.1870	157.0972	296.1605	148.5839	295.1765	148.0919	3
17	1817.8062	909.4068	1800.7797	900.8935	1799.7957	900.4015	P	244.1656	122.5864	227.1390	114.0731			2
18							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1310.6083	2	2619.1814	0.0207	166.64		ALGT(s)PH(s)sI(s)sI(s)s(t)ADQDAGVH(s)K	Phospho (ST)



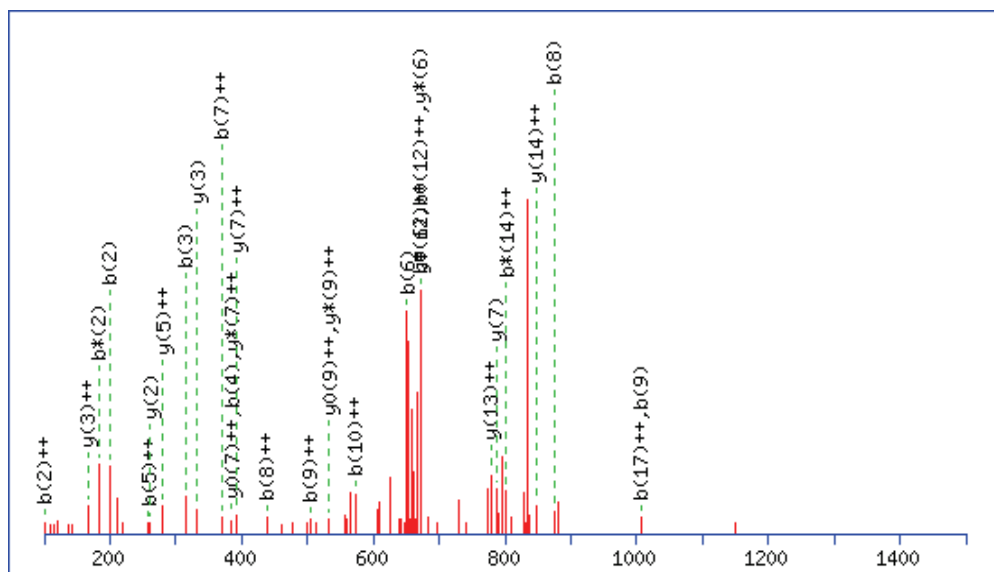
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2451.1746	1226.0910	2434.1481	1217.5777	2433.1641	1217.0857	25
3	242.1499	121.5786					G	2338.0906	1169.5489	2321.0640	1161.0356	2320.0800	1160.5436	24
4	343.1976	172.1024			325.1870	163.0972	T	2281.0691	1141.0382	2264.0426	1132.5249	2263.0585	1132.0329	23
5	430.2296	215.6185			412.2191	206.6132	S	2180.0214	1090.5143	2162.9949	1082.0011	2162.0109	1081.5091	22
6	527.2824	264.1448			509.2718	255.1396	P	2092.9894	1046.9983	2075.9628	1038.4851	2074.9788	1037.9931	21
7	664.3413	332.6743			646.3307	323.6690	H	1995.9366	998.4720	1978.9101	989.9587	1977.9261	989.4667	20
8	733.3628	367.1850			715.3522	358.1797	S	1858.8777	929.9425	1841.8512	921.4292	1840.8672	920.9372	19
9	820.3948	410.7010			802.3842	401.6957	S	1789.8563	895.4318	1772.8297	886.9185	1771.8457	886.4265	18
10	933.4788	467.2431			915.4683	458.2378	I	1702.8242	851.9158	1685.7977	843.4025	1684.8137	842.9105	17
11	1020.5109	510.7591			1002.5003	501.7538	S	1589.7402	795.3737	1572.7136	786.8604	1571.7296	786.3684	16
12	1107.5429	554.2751			1089.5323	545.2698	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1220.6270	610.8171			1202.6164	601.8118	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1307.6590	654.3331			1289.6484	645.3279	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1394.6910	697.8492			1376.6805	688.8439	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1495.7387	748.3730			1477.7281	739.3677	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1566.7758	783.8915			1548.7653	774.8863	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1681.8028	841.4050			1663.7922	832.3997	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1809.8613	905.4343	1792.8348	896.9210	1791.8508	896.4290	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1924.8883	962.9478	1907.8617	954.4345	1906.8777	953.9425	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1995.9254	998.4663	1978.8988	989.9531	1977.9148	989.4611	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2052.9469	1026.9771	2035.9203	1018.4638	2034.9363	1017.9718	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2152.0153	1076.5113	2134.9887	1067.9980	2134.0047	1067.5060	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2289.0742	1145.0407	2272.0476	1136.5275	2271.0636	1136.0354	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2376.1062	1188.5567	2359.0797	1180.0435	2358.0956	1179.5515	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
900.7214	3	2699.1477	-0.0053	100.34		ALGT(s)PH(s)sI(s)sI(s)(t)ADQDAGVH(s)K	2 Phospho (ST)



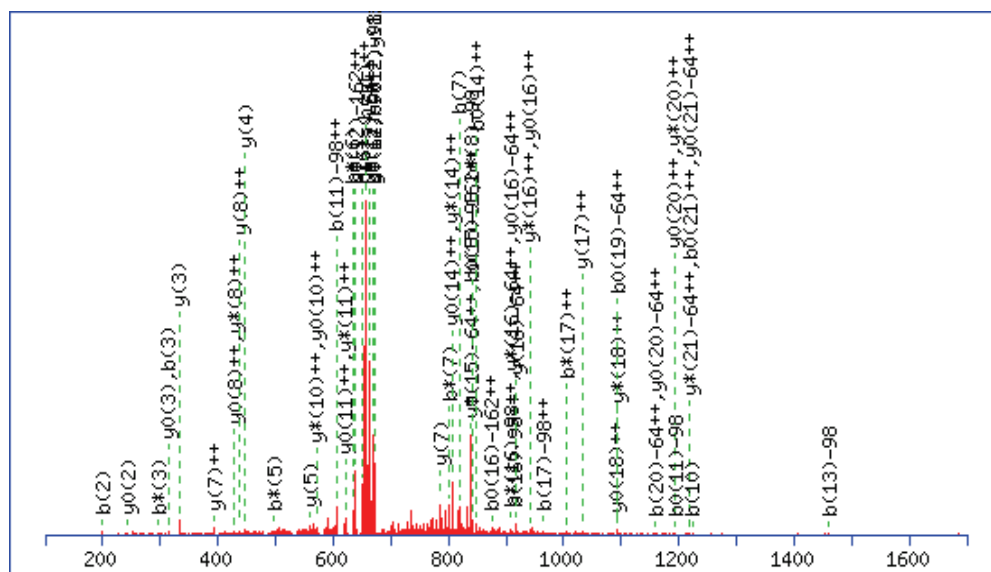
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2433.1641	1217.0857	2416.1375	1208.5724	2415.1535	1208.0804	25
3	242.1499	121.5786					G	2320.0800	1160.5436	2303.0534	1152.0304	2302.0694	1151.5384	24
4	343.1976	172.1024			325.1870	163.0972	T	2263.0585	1132.0329	2246.0320	1123.5196	2245.0480	1123.0276	23
5	430.2296	215.6185			412.2191	206.6132	S	2162.0108	1081.5091	2144.9843	1072.9958	2144.0003	1072.5038	22
6	527.2824	264.1448			509.2718	255.1396	P	2074.9788	1037.9930	2057.9523	1029.4798	2056.9683	1028.9878	21
7	664.3413	332.6743			646.3307	323.6690	H	1977.9261	989.4667	1960.8995	980.9534	1959.9155	980.4614	20
8	733.3628	367.1850			715.3522	358.1797	S	1840.8671	920.9372	1823.8406	912.4239	1822.8566	911.9319	19
9	802.3842	401.6957			784.3736	392.6905	S	1771.8457	886.4265	1754.8191	877.9132	1753.8351	877.4212	18
10	915.4683	458.2378			897.4577	449.2325	I	1702.8242	851.9158	1685.7977	843.4025	1684.8137	842.9105	17
11	1002.5003	501.7538			984.4897	492.7485	S	1589.7402	795.3737	1572.7136	786.8604	1571.7296	786.3684	16
12	1089.5323	545.2698			1071.5218	536.2645	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1202.6164	601.8118			1184.6058	592.8066	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1289.6484	645.3279			1271.6379	636.3226	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1376.6805	688.8439			1358.6699	679.8386	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1477.7281	739.3677			1459.7176	730.3624	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1548.7652	774.8863			1530.7547	765.8810	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1663.7922	832.3997			1645.7816	823.3945	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1791.8508	896.4290	1774.8242	887.9157	1773.8402	887.4237	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1906.8777	953.9425	1889.8512	945.4292	1888.8671	944.9372	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1977.9148	989.4611	1960.8883	980.9478	1959.9043	980.4558	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2034.9363	1017.9718	2017.9097	1009.4585	2016.9257	1008.9665	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2134.0047	1067.5060	2116.9782	1058.9927	2115.9941	1058.5007	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2271.0636	1136.0354	2254.0371	1127.5222	2253.0530	1127.0302	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2358.0956	1179.5515	2341.0691	1171.0382	2340.0851	1170.5462	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
675.7998	4	2699.1693	0.0008	26.72		AQNAEHSMH(s)M(t)RE(s)PKLDASR	Phospho (ST)



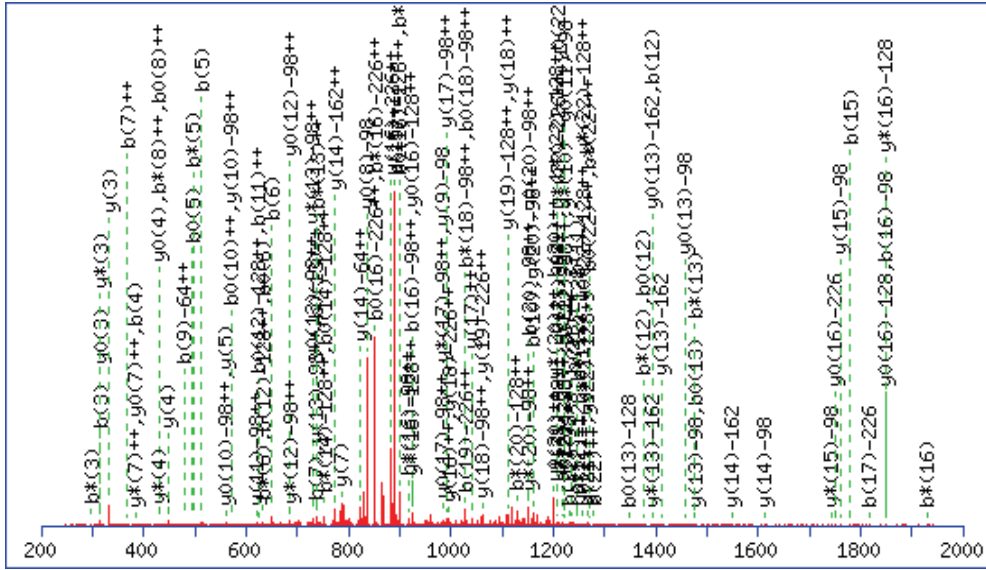
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							23
2	200.1030	100.5551	183.0764	92.0418			Q	2629.1395	1315.0734	2612.1130	1306.5601	2611.1290	1306.0681	22
3	314.1459	157.5766	297.1193	149.0633			N	2501.0810	1251.0441	2484.0544	1242.5308	2483.0704	1242.0388	21
4	385.1830	193.0951	368.1565	184.5819			A	2387.0380	1194.0227	2370.0115	1185.5094	2369.0275	1185.0174	20
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	2316.0009	1158.5041	2298.9744	1149.9908	2297.9904	1149.4988	19
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	2186.9583	1093.9828	2169.9318	1085.4695	2168.9478	1084.9775	18
7	738.3165	369.6619	721.2900	361.1486	720.3060	360.6566	S	2049.8994	1025.4533	2032.8729	1016.9401	2031.8888	1016.4481	17
8	875.3755	438.1914	858.3489	429.6781	857.3649	429.1861	H	1962.8674	981.9373	1945.8408	973.4241	1944.8568	972.9320	16
9	1006.4159	503.7116	989.3894	495.1983	988.4054	494.7063	M	1825.8085	913.4079	1808.7819	904.8946	1807.7979	904.4026	15
10	1143.4749	572.2411	1126.4483	563.7278	1125.4643	563.2358	H	1694.7680	847.8876	1677.7414	839.3744	1676.7574	838.8823	14
11	1230.5069	615.7571	1213.4803	607.2438	1212.4963	606.7518	S	1557.7091	779.3582	1540.6825	770.8449	1539.6985	770.3529	13
12	1361.5474	681.2773	1344.5208	672.7640	1343.5368	672.2720	M	1470.6770	735.8422	1453.6505	727.3289	1452.6665	726.8369	12
13	1462.5950	731.8012	1445.5685	723.2879	1444.5845	722.7959	T	1339.6366	670.3219	1322.6100	661.8086	1321.6260	661.3166	11
14	1618.6962	809.8517	1601.6696	801.3384	1600.6856	800.8464	R	1238.5889	619.7981	1221.5623	611.2848	1220.5783	610.7928	10
15	1747.7387	874.3730	1730.7122	865.8597	1729.7282	865.3677	E	1082.4878	541.7475	1065.4612	533.2343	1064.4772	532.7422	9
16	1914.7371	957.8722	1897.7106	949.3589	1896.7265	948.8669	S	953.4452	477.2262	936.4186	468.7130	935.4346	468.2209	8
17	2011.7899	1006.3986	1994.7633	997.8853	1993.7793	997.3933	P	786.4468	393.7271	769.4203	385.2138	768.4363	384.7218	7
18	2139.8848	1070.4461	2122.8583	1061.9328	2121.8743	1061.4408	K	689.3941	345.2007	672.3675	336.6874	671.3835	336.1954	6
19	2252.9689	1126.9881	2235.9423	1118.4748	2234.9583	1117.9828	L	561.2991	281.1532	544.2726	272.6399	543.2885	272.1479	5
20	2367.9958	1184.5016	2350.9693	1175.9883	2349.9853	1175.4963	D	448.2150	224.6112	431.1885	216.0979	430.2045	215.6059	4
21	2439.0329	1220.0201	2422.0064	1211.5068	2421.0224	1211.0148	A	333.1881	167.0977	316.1615	158.5844	315.1775	158.0924	3
22	2526.0650	1263.5361	2509.0384	1255.0229	2508.0544	1254.5308	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
23							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
679.7971	4	2715.1642	-0.0051	13.37		AQNAEHSMHM(s)M(t)RE(s)PKLDASR	Oxidation (M); Phospho (ST)



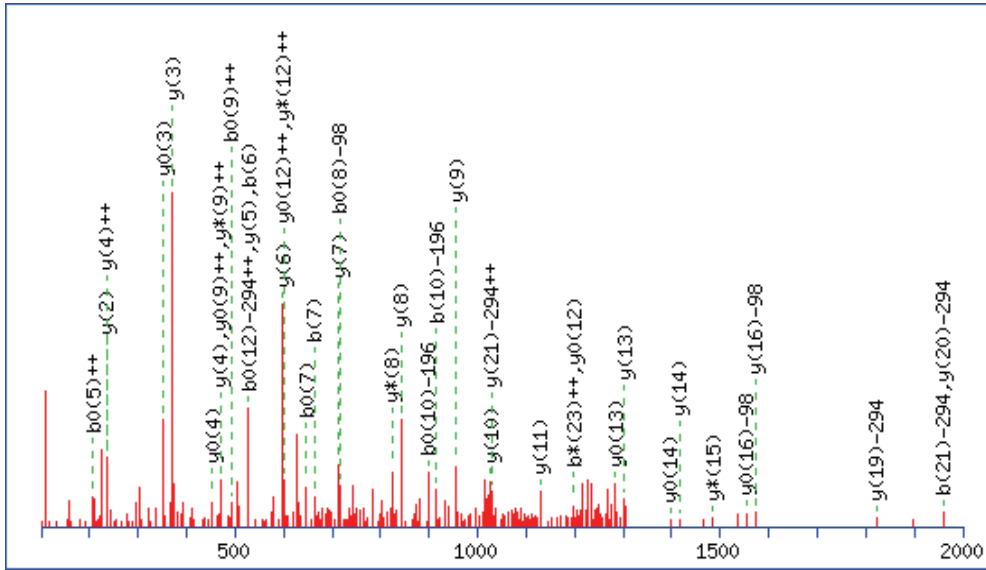
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							23
2	200.1030	100.5551	183.0764	92.0418			Q	2581.1362	1291.0717	2564.1096	1282.5584	2563.1256	1282.0664	22
3	314.1459	157.5766	297.1193	149.0633			N	2453.0776	1227.0424	2436.0510	1218.5292	2435.0670	1218.0372	21
4	385.1830	193.0951	368.1565	184.5819			A	2339.0347	1170.0210	2322.0081	1161.5077	2321.0241	1161.0157	20
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	2267.9976	1134.5024	2250.9710	1125.9891	2249.9870	1125.4971	19
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	2138.9550	1069.9811	2121.9284	1061.4678	2120.9444	1060.9758	18
7	818.2829	409.6451	801.2563	401.1318	800.2723	400.6398	S	2001.8960	1001.4517	1984.8695	992.9384	1983.8855	992.4464	17
8	955.3418	478.1745	938.3152	469.6613	937.3312	469.1692	H	1834.8977	917.9525	1817.8711	909.4392	1816.8871	908.9472	16
9	1086.3823	543.6948	1069.3557	535.1815	1068.3717	534.6895	M	1697.8388	849.4230	1680.8122	840.9098	1679.8282	840.4177	15
10	1223.4412	612.2242	1206.4146	603.7110	1205.4306	603.2189	H	1566.7983	783.9028	1549.7717	775.3895	1548.7877	774.8975	14
11	1310.4732	655.7402	1293.4467	647.2270	1292.4626	646.7350	S	1429.7394	715.3733	1412.7128	706.8601	1411.7288	706.3680	13
12	1393.5103	697.2588	1376.4838	688.7455	1375.4998	688.2535	M	1342.7074	671.8573	1325.6808	663.3440	1324.6968	662.8520	12
13	1494.5580	747.7826	1477.5315	739.2694	1476.5474	738.7774	T	1259.6702	630.3388	1242.6437	621.8255	1241.6597	621.3335	11
14	1650.6591	825.8332	1633.6326	817.3199	1632.6485	816.8279	R	1158.6226	579.8149	1141.5960	571.3016	1140.6120	570.8096	10
15	1779.7017	890.3545	1762.6752	881.8412	1761.6911	881.3492	E	1002.5214	501.7644	985.4949	493.2511	984.5109	492.7591	9
16	1866.7337	933.8705	1849.7072	925.3572	1848.7232	924.8652	S	873.4789	437.2431	856.4523	428.7298	855.4683	428.2378	8
17	1963.7865	982.3969	1946.7599	973.8836	1945.7759	973.3916	P	786.4468	393.7271	769.4203	385.2138	768.4363	384.7218	7
18	2091.8815	1046.4444	2074.8549	1037.9311	2073.8709	1037.4391	K	689.3941	345.2007	672.3675	336.6874	671.3835	336.1954	6
19	2204.9655	1102.9864	2187.9390	1094.4731	2186.9550	1093.9811	L	561.2991	281.1532	544.2726	272.6399	543.2885	272.1479	5
20	2319.9925	1160.4999	2302.9659	1151.9866	2301.9819	1151.4946	D	448.2150	224.6112	431.1885	216.0979	430.2045	215.6059	4
21	2391.0296	1196.0184	2374.0030	1187.5052	2373.0190	1187.0131	A	333.1881	167.0977	316.1615	158.5844	315.1775	158.0924	3
22	2478.0616	1239.5344	2461.0351	1231.0212	2460.0510	1230.5292	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
23							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
911.394	3	2731.1592	0.001	39.32		AQNAEHSMHM(s)M(t)RE(s)PKLDASR	2 Oxidation (M); Phospho (ST)



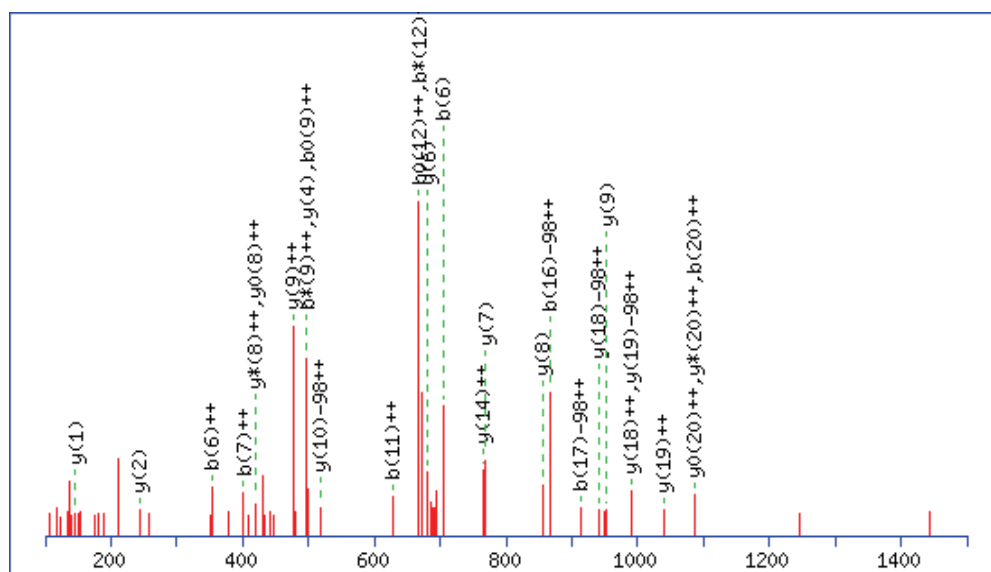
#	b	b ⁺⁺	b [*]	b ^{++*}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{++*}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							23
2	200.1030	100.5551	183.0764	92.0418			Q	2563.1525	1282.0799	2546.1259	1273.5666	2545.1419	1273.0746	22
3	314.1459	157.5766	297.1193	149.0633			N	2435.0939	1218.0506	2418.0674	1209.5373	2417.0833	1209.0453	21
4	385.1830	193.0951	368.1565	184.5819			A	2321.0510	1161.0291	2304.0244	1152.5159	2303.0404	1152.0238	20
5	514.2256	257.6164	497.1991	249.1032	496.2150	248.6112	E	2250.0139	1125.5106	2232.9873	1116.9973	2232.0033	1116.5053	19
6	651.2845	326.1459	634.2580	317.6326	633.2739	317.1406	H	2120.9713	1060.9893	2103.9447	1052.4760	2102.9607	1051.9840	18
7	738.3165	369.6619	721.2900	361.1486	720.3060	360.6566	S	1983.9124	992.4598	1966.8858	983.9465	1965.9018	983.4545	17
8	875.3755	438.1914	858.3489	429.6781	857.3649	429.1861	H	1896.8803	948.9438	1879.8538	940.4305	1878.8698	939.9385	16
9	1022.4109	511.7091	1005.3843	503.1958	1004.4003	502.7038	M	1759.8214	880.4143	1742.7949	871.9011	1741.8109	871.4091	15
10	1159.4698	580.2385	1142.4432	571.7252	1141.4592	571.2332	H	1612.7860	806.8966	1595.7595	798.3834	1594.7754	797.8914	14
11	1246.5018	623.7545	1229.4752	615.2413	1228.4912	614.7493	S	1475.7271	738.3672	1458.7006	729.8539	1457.7165	729.3619	13
12	1393.5372	697.2722	1376.5107	688.7590	1375.5266	688.2670	M	1388.6951	694.8512	1371.6685	686.3379	1370.6845	685.8459	12
13	1494.5849	747.7961	1477.5583	739.2828	1476.5743	738.7908	T	1241.6597	621.3335	1224.6331	612.8202	1223.6491	612.3282	11
14	1650.6860	825.8466	1633.6594	817.3334	1632.6754	816.8414	R	1140.6120	570.8096	1123.5854	562.2964	1122.6014	561.8043	10
15	1779.7286	890.3679	1762.7020	881.8547	1761.7180	881.3626	E	984.5109	492.7591	967.4843	484.2458	966.5003	483.7538	9
16	1848.7500	924.8787	1831.7235	916.3654	1830.7395	915.8734	S	855.4683	428.2378	838.4417	419.7245	837.4577	419.2325	8
17	1945.8028	973.4050	1928.7763	964.8918	1927.7922	964.3998	P	786.4468	393.7271	769.4203	385.2138	768.4363	384.7218	7
18	2073.8978	1037.4525	2056.8712	1028.9392	2055.8872	1028.4472	K	689.3941	345.2007	672.3675	336.6874	671.3835	336.1954	6
19	2186.9818	1093.9946	2169.9553	1085.4813	2168.9713	1084.9893	L	561.2991	281.1532	544.2726	272.6399	543.2885	272.1479	5
20	2302.0088	1151.5080	2284.9822	1142.9948	2283.9982	1142.5027	D	448.2150	224.6112	431.1885	216.0979	430.2045	215.6059	4
21	2373.0459	1187.0266	2356.0193	1178.5133	2355.0353	1178.0213	A	333.1881	167.0977	316.1615	158.5844	315.1775	158.0924	3
22	2460.0779	1230.5426	2443.0514	1222.0293	2442.0674	1221.5373	S	262.1510	131.5791	245.1244	123.0659	244.1404	122.5738	2
23							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1390.5682	2	2779.114	0.0079	100.63		ALGT(s)PH(s)I(s)I(s)I(s)(t)ADQDAGVH(s)K	3 Phospho (ST)



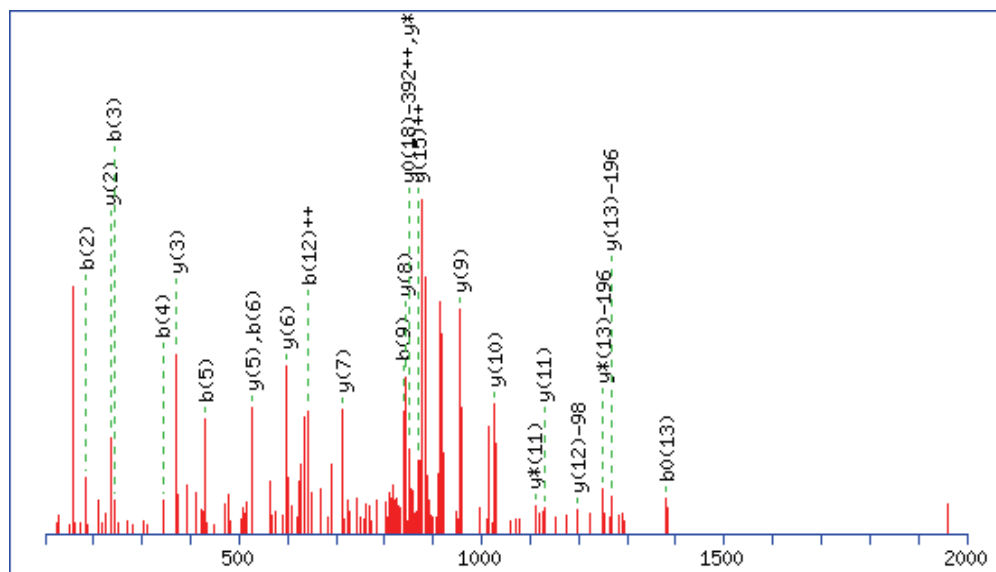
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2415.1535	1208.0804	2398.1269	1199.5671	2397.1429	1199.0751	25
3	242.1499	121.5786					G	2302.0694	1151.5383	2285.0429	1143.0251	2284.0589	1142.5331	24
4	343.1976	172.1024			325.1870	163.0972	T	2245.0480	1123.0276	2228.0214	1114.5143	2227.0374	1114.0223	23
5	430.2296	215.6185			412.2191	206.6132	S	2144.0003	1072.5038	2126.9737	1063.9905	2125.9897	1063.4985	22
6	527.2824	264.1448			509.2718	255.1396	P	2056.9682	1028.9878	2039.9417	1020.4745	2038.9577	1019.9825	21
7	664.3413	332.6743			646.3307	323.6690	H	1959.9155	980.4614	1942.8889	971.9481	1941.9049	971.4561	20
8	733.3628	367.1850			715.3522	358.1797	S	1822.8566	911.9319	1805.8300	903.4187	1804.8460	902.9266	19
9	802.3842	401.6957			784.3736	392.6905	S	1753.8351	877.4212	1736.8086	868.9079	1735.8246	868.4159	18
10	915.4683	458.2378			897.4577	449.2325	I	1684.8137	842.9105	1667.7871	834.3972	1666.8031	833.9052	17
11	984.4897	492.7485			966.4792	483.7432	S	1571.7296	786.3684	1554.7030	777.8552	1553.7190	777.3632	16
12	1071.5218	536.2645			1053.5112	527.2592	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1184.6058	592.8066			1166.5953	583.8013	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1271.6379	636.3226			1253.6273	627.3173	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1358.6699	679.8386			1340.6593	670.8333	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1459.7176	730.3624			1441.7070	721.3571	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1530.7547	765.8810			1512.7441	756.8757	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1645.7816	823.3944			1627.7711	814.3892	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1773.8402	887.4237	1756.8136	878.9105	1755.8296	878.4185	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1888.8671	944.9372	1871.8406	936.4239	1870.8566	935.9319	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1959.9043	980.4558	1942.8777	971.9425	1941.8937	971.4505	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2016.9257	1008.9665	1999.8992	1000.4532	1998.9152	999.9612	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2115.9941	1058.5007	2098.9676	1049.9874	2097.9836	1049.4954	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2253.0530	1127.0302	2236.0265	1118.5169	2235.0425	1118.0249	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2340.0851	1170.5462	2323.0585	1162.0329	2322.0745	1161.5409	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
695.8702	4	2779.4534	-0.0016	27.77		TSHHQLPPINKPLP(s)(t)PSSALPRPK	Phospho (ST)



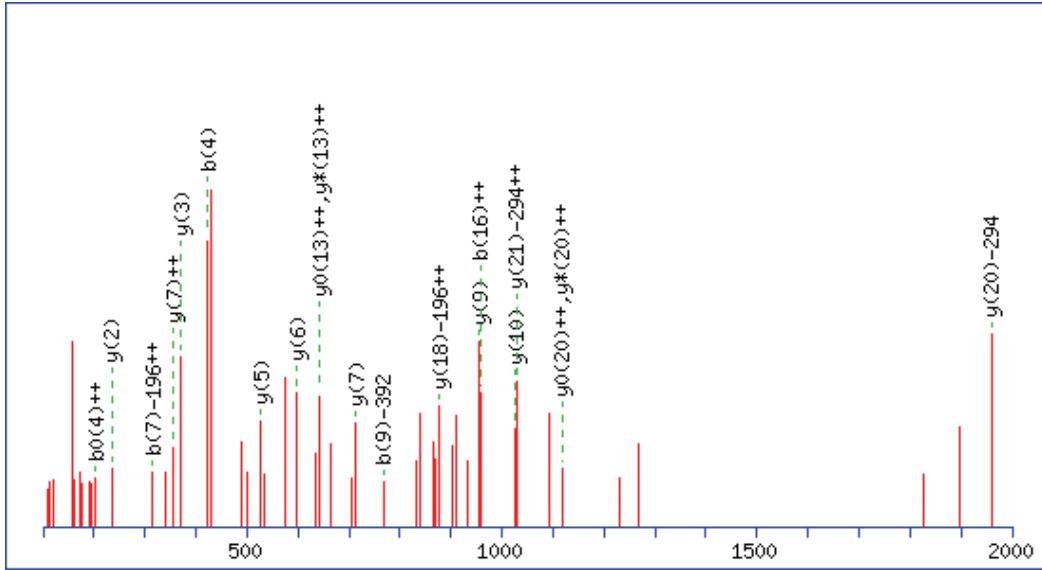
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	102.0550	51.5311			84.0444	42.5258	T							25
2	189.0870	95.0471			171.0764	86.0418	S	2581.4361	1291.2217	2564.4096	1282.7084	2563.4256	1282.2164	24
3	326.1459	163.5766			308.1353	154.5713	H	2494.4041	1247.7057	2477.3776	1239.1924	2476.3936	1238.7004	23
4	463.2048	232.1060			445.1942	223.1008	H	2357.3452	1179.1762	2340.3187	1170.6630	2339.3346	1170.1710	22
5	591.2634	296.1353	574.2368	287.6221	573.2528	287.1300	Q	2220.2863	1110.6468	2203.2597	1102.1335	2202.2757	1101.6415	21
6	704.3474	352.6774	687.3209	344.1641	686.3369	343.6721	L	2092.2277	1046.6175	2075.2012	1038.1042	2074.2171	1037.6122	20
7	801.4002	401.2037	784.3737	392.6905	783.3896	392.1985	P	1979.1437	990.0755	1962.1171	981.5622	1961.1331	981.0702	19
8	898.4530	449.7301	881.4264	441.2169	880.4424	440.7248	P	1882.0909	941.5491	1865.0643	933.0358	1864.0803	932.5438	18
9	1011.5370	506.2722	994.5105	497.7589	993.5265	497.2669	I	1785.0381	893.0227	1768.0116	884.5094	1767.0276	884.0174	17
10	1125.5800	563.2936	1108.5534	554.7803	1107.5694	554.2883	N	1671.9541	836.4807	1654.9275	827.9674	1653.9435	827.4754	16
11	1253.6749	627.3411	1236.6484	618.8278	1235.6644	618.3358	K	1557.9111	779.4592	1540.8846	770.9459	1539.9006	770.4539	15
12	1350.7277	675.8675	1333.7011	667.3542	1332.7171	666.8622	P	1429.8162	715.4117	1412.7896	706.8984	1411.8056	706.4064	14
13	1463.8118	732.4095	1446.7852	723.8962	1445.8012	723.4042	L	1332.7634	666.8853	1315.7369	658.3721	1314.7528	657.8801	13
14	1560.8645	780.9359	1543.8380	772.4226	1542.8540	771.9306	P	1219.6793	610.3433	1202.6528	601.8300	1201.6688	601.3380	12
15	1647.8966	824.4519	1630.8700	815.9386	1629.8860	815.4466	S	1122.6266	561.8169	1105.6000	553.3037	1104.6160	552.8116	11
16	1730.9337	865.9705	1713.9071	857.4572	1712.9231	856.9652	T	1035.5945	518.3009	1018.5680	509.7876	1017.5840	509.2956	10
17	1827.9864	914.4968	1810.9599	905.9836	1809.9759	905.4916	P	952.5574	476.7824	935.5309	468.2691	934.5469	467.7771	9
18	1915.0185	958.0129	1897.9919	949.4996	1897.0079	949.0076	S	855.5047	428.2560	838.4781	419.7427	837.4941	419.2507	8
19	2002.0505	1001.5289	1985.0239	993.0156	1984.0399	992.5236	S	768.4726	384.7400	751.4461	376.2267	750.4621	375.7347	7
20	2073.0876	1037.0474	2056.0610	1028.5342	2055.0770	1028.0422	A	681.4406	341.2239	664.4141	332.7107			6
21	2186.1717	1093.5895	2169.1451	1085.0762	2168.1611	1084.5842	L	610.4035	305.7054	593.3770	297.1921			5
22	2283.2244	1142.1158	2266.1979	1133.6026	2265.2139	1133.1106	P	497.3194	249.1634	480.2929	240.6501			4
23	2439.3255	1220.1664	2422.2990	1211.6531	2421.3150	1211.1611	R	400.2667	200.6370	383.2401	192.1237			3
24	2536.3783	1268.6928	2519.3517	1260.1795	2518.3677	1259.6875	P	244.1656	122.5864	227.1390	114.0731			2
25							K	147.1128	74.0600	130.0863	65.5468			

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
954.0358	3	2859.0803	0.0051	51.14		ALGT(s)PH(s)(s)I(s)(s)I(s)(t)ADQDAGVH(s)K	4 Phospho (ST)



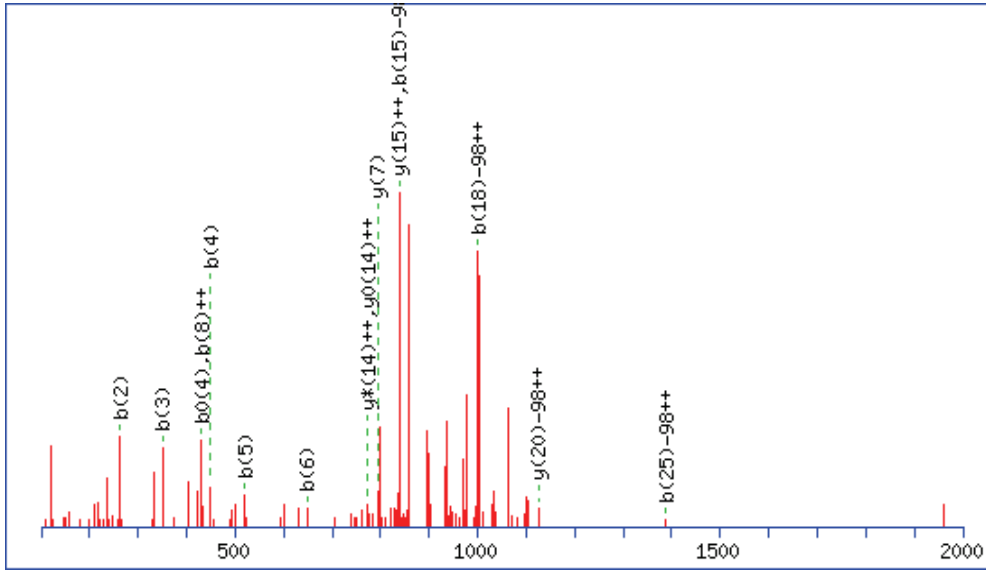
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2397.1429	1199.0751	2380.1164	1190.5618	2379.1323	1190.0698	25
3	242.1499	121.5786					G	2284.0588	1142.5331	2267.0323	1134.0198	2266.0483	1133.5278	24
4	343.1976	172.1024			325.1870	163.0972	T	2227.0374	1114.0223	2210.0108	1105.5091	2209.0268	1105.0170	23
5	430.2296	215.6185			412.2191	206.6132	S	2125.9897	1063.4985	2108.9632	1054.9852	2107.9791	1054.4932	22
6	527.2824	264.1448			509.2718	255.1396	P	2038.9577	1019.9825	2021.9311	1011.4692	2020.9471	1010.9772	21
7	664.3413	332.6743			646.3307	323.6690	H	1941.9049	971.4561	1924.8784	962.9428	1923.8943	962.4508	20
8	751.3733	376.1903			733.3628	367.1850	S	1804.8460	902.9266	1787.8195	894.4134	1786.8354	893.9214	19
9	838.4054	419.7063			820.3948	410.7010	S	1717.8140	859.4106	1700.7874	850.8973	1699.8034	850.4053	18
10	951.4894	476.2483			933.4789	467.2431	I	1630.7819	815.8946	1613.7554	807.3813	1612.7714	806.8893	17
11	1020.5109	510.7591			1002.5003	501.7538	S	1517.6979	759.3526	1500.6713	750.8393	1499.6873	750.3473	16
12	1089.5323	545.2698			1071.5218	536.2645	S	1448.6764	724.8419	1431.6499	716.3286	1430.6659	715.8366	15
13	1202.6164	601.8118			1184.6058	592.8066	I	1379.6550	690.3311	1362.6284	681.8178	1361.6444	681.3258	14
14	1271.6379	636.3226			1253.6273	627.3173	S	1266.5709	633.7891	1249.5444	625.2758	1248.5603	624.7838	13
15	1340.6593	670.8333			1322.6487	661.8280	S	1197.5494	599.2784	1180.5229	590.7651	1179.5389	590.2731	12
16	1441.7070	721.3571			1423.6964	712.3518	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1512.7441	756.8757			1494.7335	747.8704	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1627.7710	814.3892			1609.7605	805.3839	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1755.8296	878.4184	1738.8031	869.9052	1737.8191	869.4132	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1870.8566	935.9319	1853.8300	927.4186	1852.8460	926.9266	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1941.8937	971.4505	1924.8671	962.9372	1923.8831	962.4452	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	1998.9151	999.9612	1981.8886	991.4479	1980.9046	990.9559	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2097.9836	1049.4954	2080.9570	1040.9821	2079.9730	1040.4901	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2235.0425	1118.0249	2218.0159	1109.5116	2217.0319	1109.0196	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2322.0745	1161.5409	2305.0479	1153.0276	2304.0639	1152.5356	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
980.6924	3	2939.0467	0.0088	25.77		ALGT(s)PH(s)(s)l(s)(s)l(s)(t)ADQDAGVH(s)K	5 Phospho (ST)



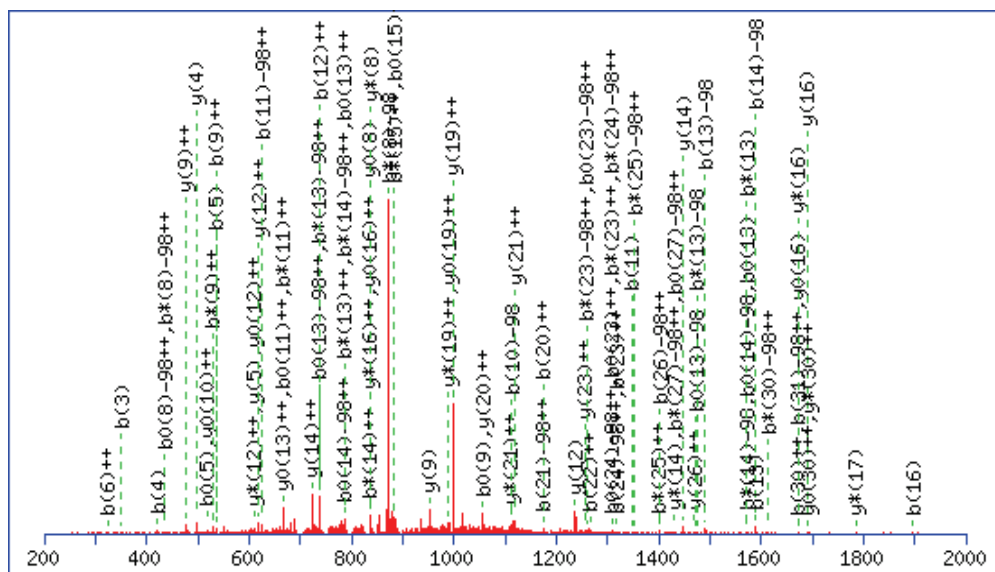
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2379.1323	1190.0698	2362.1058	1181.5565	2361.1218	1181.0645	25
3	242.1499	121.5786					G	2266.0483	1133.5278	2249.0217	1125.0145	2248.0377	1124.5225	24
4	325.1870	163.0972			307.1765	154.0919	T	2209.0268	1105.0170	2192.0003	1096.5038	2191.0162	1096.0118	23
5	394.2085	197.6079			376.1979	188.6026	S	2125.9897	1063.4985	2108.9632	1054.9852	2107.9791	1054.4932	22
6	491.2612	246.1343			473.2507	237.1290	P	2056.9682	1028.9878	2039.9417	1020.4745	2038.9577	1019.9825	21
7	628.3202	314.6637			610.3096	305.6584	H	1959.9155	980.4614	1942.8889	971.9481	1941.9049	971.4561	20
8	697.3416	349.1744			679.3310	340.1692	S	1822.8566	911.9319	1805.8300	903.4187	1804.8460	902.9266	19
9	766.3631	383.6852			748.3525	374.6799	S	1753.8351	877.4212	1736.8086	868.9079	1735.8246	868.4159	18
10	879.4471	440.2272			861.4366	431.2219	I	1684.8137	842.9105	1667.7871	834.3972	1666.8031	833.9052	17
11	948.4686	474.7379			930.4580	465.7326	S	1571.7296	786.3684	1554.7030	777.8552	1553.7190	777.3632	16
12	1035.5006	518.2539			1017.4901	509.2487	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1148.5847	574.7960			1130.5741	565.7907	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1235.6167	618.3120			1217.6061	609.3067	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1322.6487	661.8280			1304.6382	652.8227	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1423.6964	712.3518			1405.6859	703.3466	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1494.7335	747.8704			1476.7230	738.8651	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1609.7605	805.3839			1591.7499	796.3786	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1737.8191	869.4132	1720.7925	860.8999	1719.8085	860.4079	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1852.8460	926.9266	1835.8194	918.4134	1834.8354	917.9214	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1923.8831	962.4452	1906.8566	953.9319	1905.8725	953.4399	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	1980.9046	990.9559	1963.8780	982.4426	1962.8940	981.9506	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2079.9730	1040.4901	2062.9464	1031.9769	2061.9624	1031.4848	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2217.0319	1109.0196	2200.0053	1100.5063	2199.0213	1100.0143	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2304.0639	1152.5356	2287.0374	1144.0223	2286.0534	1143.5303	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
863.1622	4	3448.6148	0.0051	25.01		FDSVAEIVENHQQH(t)(s)LVLID(s)QNN(t)KD(s)(t)K	Phospho (ST)



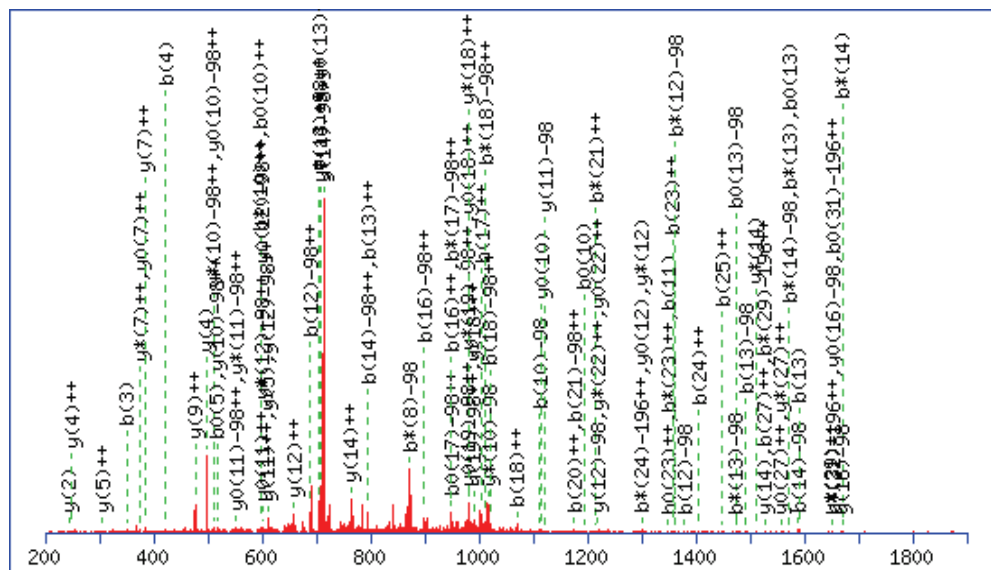
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	148.0757	74.5415					F							30
2	263.1026	132.0550			245.0921	123.0497	D	3204.5767	1602.7920	3187.5502	1594.2787	3186.5662	1593.7867	29
3	350.1347	175.5710			332.1241	166.5657	S	3089.5498	1545.2785	3072.5232	1536.7653	3071.5392	1536.2732	28
4	449.2031	225.1052			431.1925	216.0999	V	3002.5178	1501.7625	2985.4912	1493.2492	2984.5072	1492.7572	27
5	520.2402	260.6237			502.2296	251.6185	A	2903.4493	1452.2283	2886.4228	1443.7150	2885.4388	1443.2230	26
6	649.2828	325.1450			631.2722	316.1397	E	2832.4122	1416.7098	2815.3857	1408.1965	2814.4017	1407.7045	25
7	762.3668	381.6871			744.3563	372.6818	I	2703.3696	1352.1885	2686.3431	1343.6752	2685.3591	1343.1832	24
8	861.4353	431.2213			843.4247	422.2160	V	2590.2856	1295.6464	2573.2590	1287.1332	2572.2750	1286.6411	23
9	990.4779	495.7426			972.4673	486.7373	E	2491.2172	1246.1122	2474.1906	1237.5989	2473.2066	1237.1069	22
10	1104.5208	552.7640	1087.4942	544.2508	1086.5102	543.7587	N	2362.1746	1181.5909	2345.1480	1173.0776	2344.1640	1172.5856	21
11	1241.5797	621.2935	1224.5531	612.7802	1223.5691	612.2882	H	2248.1316	1124.5695	2231.1051	1116.0562	2230.1211	1115.5642	20
12	1369.6383	685.3228	1352.6117	676.8095	1351.6277	676.3175	Q	2111.0727	1056.0400	2094.0462	1047.5267	2093.0622	1047.0347	19
13	1506.6972	753.8522	1489.6706	745.3390	1488.6866	744.8469	H	1983.0142	992.0107	1965.9876	983.4974	1965.0036	983.0054	18
14	1607.7449	804.3761	1590.7183	795.8628	1589.7343	795.3708	T	1845.9552	923.4813	1828.9287	914.9680	1827.9447	914.4760	17
15	1676.7663	838.8868	1659.7398	830.3735	1658.7558	829.8815	S	1744.9076	872.9574	1727.8810	864.4441	1726.8970	863.9521	16
16	1789.8504	895.4288	1772.8238	886.9156	1771.8398	886.4235	L	1675.8861	838.4467	1658.8596	829.9334	1657.8755	829.4414	15
17	1888.9188	944.9630	1871.8922	936.4498	1870.9082	935.9578	V	1562.8020	781.9047	1545.7755	773.3914	1544.7915	772.8994	14
18	2002.0029	1001.5051	1984.9763	992.9918	1983.9923	992.4998	L	1463.7336	732.3705	1446.7071	723.8572	1445.7231	723.3652	13
19	2115.0869	1058.0471	2098.0604	1049.5338	2097.0764	1049.0418	I	1350.6496	675.8284	1333.6230	667.3151	1332.6390	666.8231	12
20	2230.1139	1115.5606	2213.0873	1107.0473	2212.1033	1106.5553	D	1237.5655	619.2864	1220.5389	610.7731	1219.5549	610.2811	11
21	2317.1459	1159.0766	2300.1193	1150.5633	2299.1353	1150.0713	S	1122.5386	561.7729	1105.5120	553.2596	1104.5280	552.7676	10
22	2445.2045	1223.1059	2428.1779	1214.5926	2427.1939	1214.1006	Q	1035.5065	518.2569	1018.4800	509.7436	1017.4960	509.2516	9
23	2559.2474	1280.1273	2542.2208	1271.6141	2541.2368	1271.1221	N	907.4479	454.2276	890.4214	445.7143	889.4374	445.2223	8
24	2673.2903	1337.1488	2656.2638	1328.6355	2655.2798	1328.1435	N	793.4050	397.2061	776.3785	388.6929	775.3945	388.2009	7
25	2774.3380	1387.6726	2757.3115	1379.1594	2756.3274	1378.6674	T	679.3621	340.1847	662.3355	331.6714	661.3515	331.1794	6
26	2902.4330	1451.7201	2885.4064	1443.2068	2884.4224	1442.7148	K	578.3144	289.6608	561.2879	281.1476	560.3039	280.6556	5
27	3017.4599	1509.2336	3000.4334	1500.7203	2999.4493	1500.2283	D	450.2195	225.6134	433.1929	217.1001	432.2089	216.6081	4
28	3104.4919	1552.7496	3087.4654	1544.2363	3086.4814	1543.7443	S	335.1925	168.0999	318.1660	159.5866	317.1819	159.0946	3
29	3205.5396	1603.2734	3188.5131	1594.7602	3187.5291	1594.2682	T	248.1605	124.5839	231.1339	116.0706	230.1499	115.5786	2
30							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
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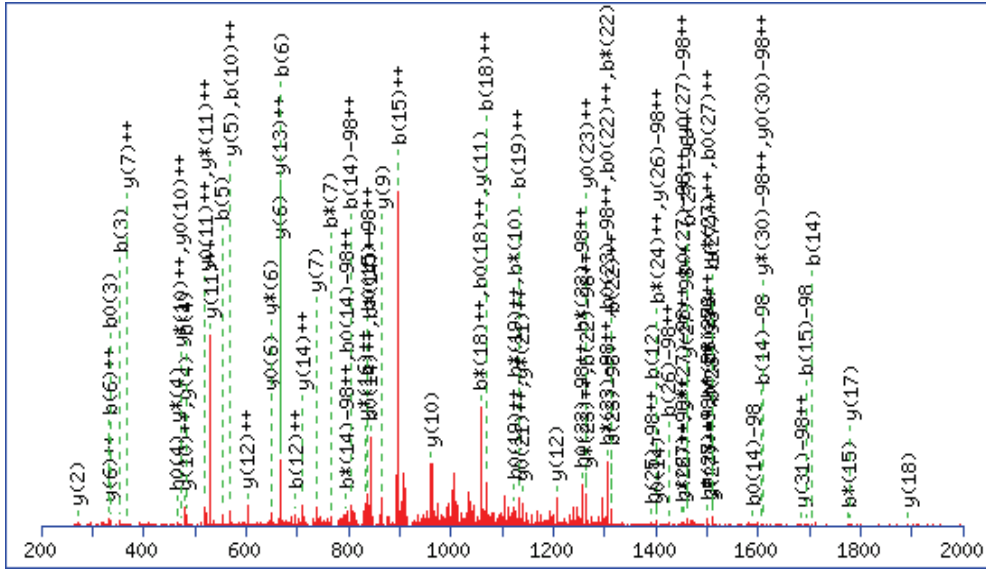
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180					G							32
2	187.0713	94.0393			169.0608	85.0340	E	3430.7978	1715.9026	3413.7713	1707.3893	3412.7873	1706.8973	31
3	350.1347	175.5710			332.1241	166.5657	Y	3301.7552	1651.3813	3284.7287	1642.8680	3283.7447	1642.3760	30
4	421.1718	211.0895			403.1612	202.0842	A	3138.6919	1569.8496	3121.6654	1561.3363	3120.6814	1560.8443	29
5	536.1987	268.6030			518.1882	259.5977	D	3067.6548	1534.3310	3050.6283	1525.8178	3049.6442	1525.3258	28
6	650.2416	325.6245	633.2151	317.1112	632.2311	316.6192	N	2952.6279	1476.8176	2935.6013	1468.3043	2934.6173	1467.8123	27
7	806.3428	403.6750	789.3162	395.1617	788.3322	394.6697	R	2838.5849	1419.7961	2821.5584	1411.2828	2820.5744	1410.7908	26
8	889.3799	445.1936	872.3533	436.6803	871.3693	436.1883	T	2682.4838	1341.7455	2665.4573	1333.2323	2664.4733	1332.7403	25
9	976.4119	488.7096	959.3853	480.1963	958.4013	479.7043	S	2599.4467	1300.2270	2582.4202	1291.7137	2581.4362	1291.2217	24
10	1113.4708	557.2390	1096.4443	548.7258	1095.4602	548.2338	H	2512.4147	1256.7110	2495.3881	1248.1977	2494.4041	1247.7057	23
11	1250.5297	625.7685	1233.5032	617.2552	1232.5192	616.7632	H	2375.3558	1188.1815	2358.3292	1179.6683	2357.3452	1179.1762	22
12	1378.5883	689.7978	1361.5617	681.2845	1360.5777	680.7925	Q	2238.2969	1119.6521	2221.2703	1111.1388	2220.2863	1110.6468	21
13	1491.6724	746.3398	1474.6458	737.8265	1473.6618	737.3345	L	2110.2383	1055.6228	2093.2117	1047.1095	2092.2277	1046.6175	20
14	1588.7251	794.8662	1571.6986	786.3529	1570.7146	785.8609	P	1997.1542	999.0807	1980.1277	990.5675	1979.1437	990.0755	19
15	1685.7779	843.3926	1668.7513	834.8793	1667.7673	834.3873	P	1900.1015	950.5544	1883.0749	942.0411	1882.0909	941.5491	18
16	1798.8620	899.9346	1781.8354	891.4213	1780.8514	890.9293	I	1803.0487	902.0280	1786.0221	893.5147	1785.0381	893.0227	17
17	1912.9049	956.9561	1895.8783	948.4428	1894.8943	947.9508	N	1689.9646	845.4860	1672.9381	836.9727	1671.9541	836.4807	16
18	2040.9998	1021.0036	2023.9733	1012.4903	2022.9893	1011.9983	K	1575.9217	788.4645	1558.8952	779.9512	1557.9111	779.4592	15
19	2138.0526	1069.5299	2121.0261	1061.0167	2120.0420	1060.5247	P	1447.8267	724.4170	1430.8002	715.9037	1429.8162	715.4117	14
20	2251.1367	1126.0720	2234.1101	1117.5587	2233.1261	1117.0667	L	1350.7740	675.8906	1333.7474	667.3774	1332.7634	666.8853	13
21	2348.1894	1174.5984	2331.1629	1166.0851	2330.1789	1165.5931	P	1237.6899	619.3486	1220.6634	610.8353	1219.6793	610.3433	12
22	2435.2215	1218.1144	2418.1949	1209.6011	2417.2109	1209.1091	S	1140.6371	570.8222	1123.6106	562.3089	1122.6266	561.8169	11
23	2536.2691	1268.6382	2519.2426	1260.1249	2518.2586	1259.6329	T	1053.6051	527.3062	1036.5786	518.7929	1035.5946	518.3009	10
24	2633.3219	1317.1646	2616.2954	1308.6513	2615.3113	1308.1593	P	952.5574	476.7824	935.5309	468.2691	934.5469	467.7771	9
25	2720.3539	1360.6806	2703.3274	1352.1673	2702.3434	1351.6753	S	855.5047	428.2560	838.4781	419.7427	837.4941	419.2507	8
26	2807.3860	1404.1966	2790.3594	1395.6833	2789.3754	1395.1913	S	768.4726	384.7400	751.4461	376.2267	750.4621	375.7347	7
27	2878.4231	1439.7152	2861.3965	1431.2019	2860.4125	1430.7099	A	681.4406	341.2239	664.4141	332.7107			6
28	2991.5071	1496.2572	2974.4806	1487.7439	2973.4966	1487.2519	L	610.4035	305.7054	593.3770	297.1921			5
29	3088.5599	1544.7836	3071.5334	1536.2703	3070.5493	1535.7783	P	497.3194	249.1634	480.2929	240.6501			4
30	3244.6610	1622.8341	3227.6345	1614.3209	3226.6504	1613.8289	R	400.2667	200.6370	383.2401	192.1237			3
31	3341.7138	1671.3605	3324.6872	1662.8473	3323.7032	1662.3552	P	244.1656	122.5864	227.1390	114.0731			2
32							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
733.9576	5	3664.7552	-0.0037	13.81		GEYADNR(t)(s)HHQLPPINKPLP(s)(t)P(s)(s)ALPRPK	2 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180					G							32
2	187.0713	94.0393			169.0608	85.0340	E	3412.7873	1706.8973	3395.7607	1698.3840	3394.7767	1697.8920	31
3	350.1347	175.5710			332.1241	166.5657	Y	3283.7447	1642.3760	3266.7181	1633.8627	3265.7341	1633.3707	30
4	421.1718	211.0895			403.1612	202.0842	A	3120.6813	1560.8443	3103.6548	1552.3310	3102.6708	1551.8390	29
5	536.1987	268.6030			518.1882	259.5977	D	3049.6442	1525.3258	3032.6177	1516.8125	3031.6337	1516.3205	28
6	650.2416	325.6245	633.2151	317.1112	632.2311	316.6192	N	2934.6173	1467.8123	2917.5907	1459.2990	2916.6067	1458.8070	27
7	806.3428	403.6750	789.3162	395.1617	788.3322	394.6697	R	2820.5744	1410.7908	2803.5478	1402.2775	2802.5638	1401.7855	26
8	889.3799	445.1936	872.3533	436.6803	871.3693	436.1883	T	2664.4733	1332.7403	2647.4467	1324.2270	2646.4627	1323.7350	25
9	976.4119	488.7096	959.3853	480.1963	958.4013	479.7043	S	2581.4361	1291.2217	2564.4096	1282.7084	2563.4256	1282.2164	24
10	1113.4708	557.2390	1096.4443	548.7258	1095.4602	548.2338	H	2494.4041	1247.7057	2477.3776	1239.1924	2476.3936	1238.7004	23
11	1250.5297	625.7685	1233.5032	617.2552	1232.5192	616.7632	H	2357.3452	1179.1762	2340.3187	1170.6630	2339.3346	1170.1710	22
12	1378.5883	689.7978	1361.5617	681.2845	1360.5777	680.7925	Q	2220.2863	1110.6468	2203.2597	1102.1335	2202.2757	1101.6415	21
13	1491.6724	746.3398	1474.6458	737.8265	1473.6618	737.3345	L	2092.2277	1046.6175	2075.2012	1038.1042	2074.2171	1037.6122	20
14	1588.7251	794.8662	1571.6986	786.3529	1570.7146	785.8609	P	1979.1437	990.0755	1962.1171	981.5622	1961.1331	981.0702	19
15	1685.7779	843.3926	1668.7513	834.8793	1667.7673	834.3873	P	1882.0909	941.5491	1865.0643	933.0358	1864.0803	932.5438	18
16	1798.8620	899.9346	1781.8354	891.4213	1780.8514	890.9293	I	1785.0381	893.0227	1768.0116	884.5094	1767.0276	884.0174	17
17	1912.9049	956.9561	1895.8783	948.4428	1894.8943	947.9508	N	1671.9541	836.4807	1654.9275	827.9674	1653.9435	827.4754	16
18	2040.9998	1021.0036	2023.9733	1012.4903	2022.9893	1011.9983	K	1557.9111	779.4592	1540.8846	770.9459	1539.9006	770.4539	15
19	2138.0526	1069.5299	2121.0261	1061.0167	2120.0420	1060.5247	P	1429.8162	715.4117	1412.7896	706.8984	1411.8056	706.4064	14
20	2251.1367	1126.0720	2234.1101	1117.5587	2233.1261	1117.0667	L	1332.7634	666.8853	1315.7369	658.3721	1314.7528	657.8801	13
21	2348.1894	1174.5984	2331.1629	1166.0851	2330.1789	1165.5931	P	1219.6793	610.3433	1202.6528	601.8300	1201.6688	601.3380	12
22	2435.2215	1218.1144	2418.1949	1209.6011	2417.2109	1209.1091	S	1122.6266	561.8169	1105.6000	553.3037	1104.6160	552.8116	11
23	2518.2586	1259.6329	2501.2320	1251.1196	2500.2480	1250.6276	T	1035.5945	518.3009	1018.5680	509.7876	1017.5840	509.2956	10
24	2615.3113	1308.1593	2598.2848	1299.6460	2597.3008	1299.1540	P	952.5574	476.7824	935.5309	468.2691	934.5469	467.7771	9
25	2702.3434	1351.6753	2685.3168	1343.1620	2684.3328	1342.6700	S	855.5047	428.2560	838.4781	419.7427	837.4941	419.2507	8
26	2789.3754	1395.1913	2772.3488	1386.6781	2771.3648	1386.1860	S	768.4726	384.7400	751.4461	376.2267	750.4621	375.7347	7
27	2860.4125	1430.7099	2843.3860	1422.1966	2842.4019	1421.7046	A	681.4406	341.2239	664.4141	332.7107			6
28	2973.4966	1487.2519	2956.4700	1478.7386	2955.4860	1478.2466	L	610.4035	305.7054	593.3770	297.1921			5
29	3070.5493	1535.7783	3053.5228	1527.2650	3052.5388	1526.7730	P	497.3194	249.1634	480.2929	240.6501			4
30	3226.6504	1613.8289	3209.6239	1605.3156	3208.6399	1604.8236	R	400.2667	200.6370	383.2401	192.1237			3
31	3323.7032	1662.3552	3306.6767	1653.8420	3305.6926	1653.3500	P	244.1656	122.5864	227.1390	114.0731			2
32							K	147.1128	74.0600	130.0863	65.5468			1

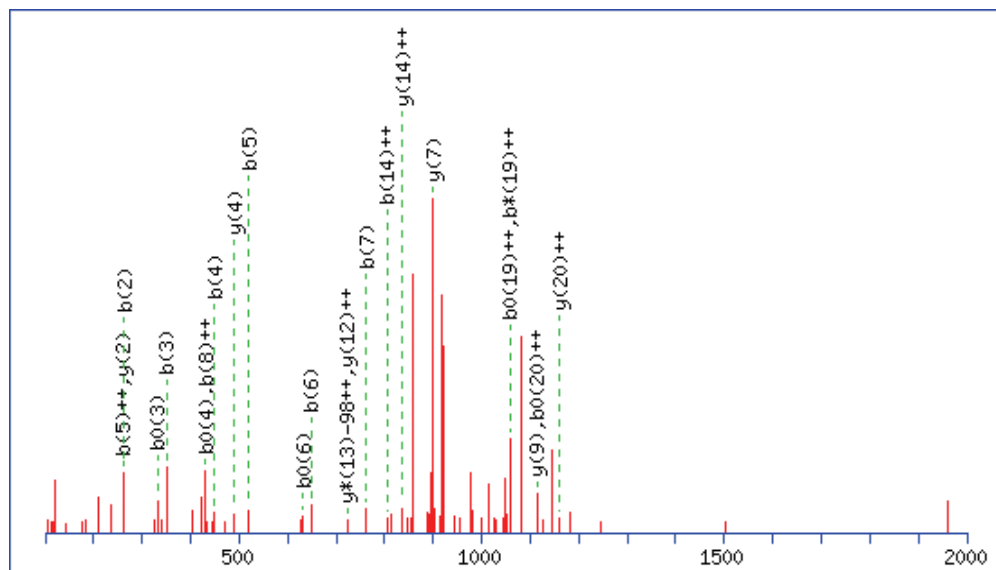
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
922.1565	4	3684.5866	0.0103	44.07		TDHEANNNDENH(s)F(s)N(t)QE(s)KFPPGAAPSLPR	Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{++*}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{++*}	y ⁰	y ⁰⁺⁺	#
1	102.0550	51.5311			84.0444	42.5258	T							33
2	217.0819	109.0446			199.0713	100.0393	D	3486.5694	1743.7883	3469.5428	1735.2750	3468.5588	1734.7830	32
3	354.1408	177.5740			336.1302	168.5688	H	3371.5424	1686.2748	3354.5159	1677.7616	3353.5318	1677.2696	31
4	483.1834	242.0953			465.1728	233.0901	E	3234.4835	1617.7454	3217.4569	1609.2321	3216.4729	1608.7401	30
5	554.2205	277.6139			536.2100	268.6086	A	3105.4409	1553.2241	3088.4144	1544.7108	3087.4303	1544.2188	29
6	668.2634	334.6354	651.2369	326.1221	650.2529	325.6301	N	3034.4038	1517.7055	3017.3772	1509.1923	3016.3932	1508.7003	28
7	782.3064	391.6568	765.2798	383.1435	764.2958	382.6515	N	2920.3609	1460.6841	2903.3343	1452.1708	2902.3503	1451.6788	27
8	896.3493	448.6783	879.3227	440.1650	878.3387	439.6730	N	2806.3179	1403.6626	2789.2914	1395.1493	2788.3074	1394.6573	26
9	1011.3762	506.1918	994.3497	497.6785	993.3657	497.1865	D	2692.2750	1346.6411	2675.2485	1338.1279	2674.2644	1337.6359	25
10	1140.4188	570.7131	1123.3923	562.1998	1122.4083	561.7078	E	2577.2481	1289.1277	2560.2215	1280.6144	2559.2375	1280.1224	24
11	1254.4618	627.7345	1237.4352	619.2212	1236.4512	618.7292	N	2448.2055	1224.6064	2431.1789	1216.0931	2430.1949	1215.6011	23
12	1391.5207	696.2640	1374.4941	687.7507	1373.5101	687.2587	H	2334.1625	1167.5849	2317.1360	1159.0716	2316.1520	1158.5796	22
13	1460.5421	730.7747	1443.5156	722.2614	1442.5316	721.7694	S	2197.1036	1099.0555	2180.0771	1090.5422	2179.0931	1090.0502	21
14	1607.6105	804.3089	1590.5840	795.7956	1589.6000	795.3036	F	2128.0822	1064.5447	2111.0556	1056.0315	2110.0716	1055.5394	20
15	1694.6426	847.8249	1677.6160	839.3116	1676.6320	838.8196	S	1981.0138	991.0105	1963.9872	982.4972	1963.0032	982.0052	19
16	1808.6855	904.8464	1791.6589	896.3331	1790.6749	895.8411	N	1893.9817	947.4945	1876.9552	938.9812	1875.9712	938.4892	18
17	1909.7332	955.3702	1892.7066	946.8570	1891.7226	946.3649	T	1779.9388	890.4730	1762.9123	881.9598	1761.9282	881.4678	17
18	2037.7918	1019.3995	2020.7652	1010.8862	2019.7812	1010.3942	Q	1678.8911	839.9492	1661.8646	831.4359	1660.8806	830.9439	16
19	2166.8343	1083.9208	2149.8078	1075.4075	2148.8238	1074.9155	E	1550.8326	775.9199	1533.8060	767.4066	1532.8220	766.9146	15
20	2253.8664	1127.4368	2236.8398	1118.9236	2235.8558	1118.4315	S	1421.7900	711.3986	1404.7634	702.8853	1403.7794	702.3933	14
21	2381.9613	1191.4843	2364.9348	1182.9710	2363.9508	1182.4790	K	1334.7579	667.8826	1317.7314	659.3693	1316.7474	658.8773	13
22	2529.0298	1265.0185	2512.0032	1256.5052	2511.0192	1256.0132	F	1206.6630	603.8351	1189.6364	595.3218	1188.6524	594.8298	12
23	2626.0825	1313.5449	2609.0560	1305.0316	2608.0720	1304.5396	P	1059.5946	530.3009	1042.5680	521.7876	1041.5840	521.2956	11
24	2723.1353	1362.0713	2706.1087	1353.5580	2705.1247	1353.0660	P	962.5418	481.7745	945.5152	473.2613	944.5312	472.7693	10
25	2780.1567	1390.5820	2763.1302	1382.0687	2762.1462	1381.5767	G	865.4890	433.2482	848.4625	424.7349	847.4785	424.2429	9
26	2851.1939	1426.1006	2834.1673	1417.5873	2833.1833	1417.0953	A	808.4676	404.7374	791.4410	396.2241	790.4570	395.7321	8
27	2922.2310	1461.6191	2905.2044	1453.1058	2904.2204	1452.6138	A	737.4305	369.2189	720.4039	360.7056	719.4199	360.2136	7
28	3019.2837	1510.1455	3002.2572	1501.6322	3001.2732	1501.1402	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
29	3106.3158	1553.6615	3089.2892	1545.1482	3088.3052	1544.6562	S	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
30	3203.3685	1602.1879	3186.3420	1593.6746	3185.3580	1593.1826	P	482.3085	241.6579	465.2820	233.1446			4
31	3316.4526	1658.7299	3299.4260	1650.2167	3298.4420	1649.7247	L	385.2558	193.1315	368.2292	184.6183			3
32	3413.5054	1707.2563	3396.4788	1698.7430	3395.4948	1698.2510	P	272.1717	136.5895	255.1452	128.0762			2

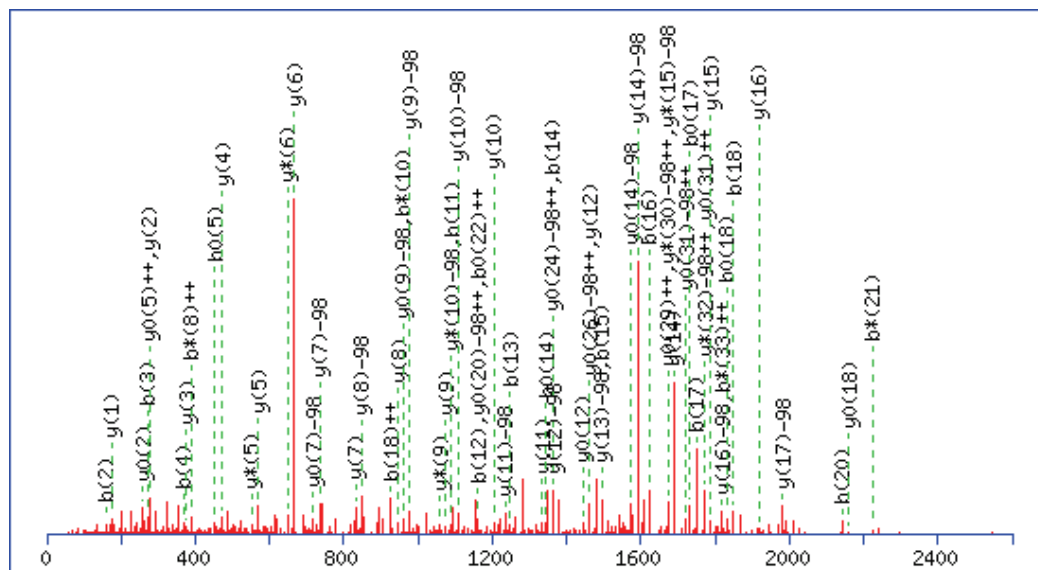
33							R	175.1190	88.0631	158.0924	79.5498			1
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Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
923.4568	4	3689.7938	0.0043	15.69		FDSVAEIVENHQQH(t)(s)LVLID(s)QNN(t)KD(s)(s)KLK	Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	148.0757	74.5415					F							32
2	263.1026	132.0550			245.0921	123.0497	D	3543.7327	1772.3700	3526.7061	1763.8567	3525.7221	1763.3647	31
3	350.1347	175.5710			332.1241	166.5657	S	3428.7057	1714.8565	3411.6792	1706.3432	3410.6951	1705.8512	30
4	449.2031	225.1052			431.1925	216.0999	V	3341.6737	1671.3405	3324.6471	1662.8272	3323.6631	1662.3352	29
5	520.2402	260.6237			502.2296	251.6185	A	3242.6053	1621.8063	3225.5787	1613.2930	3224.5947	1612.8010	28
6	649.2828	325.1450			631.2722	316.1397	E	3171.5682	1586.2877	3154.5416	1577.7744	3153.5576	1577.2824	27
7	762.3668	381.6871			744.3563	372.6818	I	3042.5256	1521.7664	3025.4990	1513.2531	3024.5150	1512.7611	26
8	861.4353	431.2213			843.4247	422.2160	V	2929.4415	1465.2244	2912.4149	1456.7111	2911.4309	1456.2191	25
9	990.4779	495.7426			972.4673	486.7373	E	2830.3731	1415.6902	2813.3465	1407.1769	2812.3625	1406.6849	24
10	1104.5208	552.7640	1087.4942	544.2508	1086.5102	543.7587	N	2701.3305	1351.1689	2684.3039	1342.6556	2683.3199	1342.1636	23
11	1241.5797	621.2935	1224.5531	612.7802	1223.5691	612.2882	H	2587.2876	1294.1474	2570.2610	1285.6341	2569.2770	1285.1421	22
12	1369.6383	685.3228	1352.6117	676.8095	1351.6277	676.3175	Q	2450.2287	1225.6180	2433.2021	1217.1047	2432.2181	1216.6127	21
13	1506.6972	753.8522	1489.6706	745.3390	1488.6866	744.8469	H	2322.1701	1161.5887	2305.1435	1153.0754	2304.1595	1152.5834	20
14	1607.7449	804.3761	1590.7183	795.8628	1589.7343	795.3708	T	2185.1112	1093.0592	2168.0846	1084.5459	2167.1006	1084.0539	19
15	1694.7769	847.8921	1677.7503	839.3788	1676.7663	838.8868	S	2084.0635	1042.5354	2067.0369	1034.0221	2066.0529	1033.5301	18
16	1807.8610	904.4341	1790.8344	895.9208	1789.8504	895.4288	L	1997.0315	999.0194	1980.0049	990.5061	1979.0209	990.0141	17
17	1906.9294	953.9683	1889.9028	945.4550	1888.9188	944.9630	V	1883.9474	942.4773	1866.9208	933.9641	1865.9368	933.4721	16
18	2020.0134	1010.5104	2002.9869	1001.9971	2002.0029	1001.5051	L	1784.8790	892.9431	1767.8524	884.4299	1766.8684	883.9378	15
19	2133.0975	1067.0524	2116.0709	1058.5391	2115.0869	1058.0471	I	1671.7949	836.4011	1654.7684	827.8878	1653.7843	827.3958	14
20	2248.1244	1124.5659	2231.0979	1116.0526	2230.1139	1115.5606	D	1558.7108	779.8591	1541.6843	771.3458	1540.7003	770.8538	13
21	2335.1565	1168.0819	2318.1299	1159.5686	2317.1459	1159.0766	S	1443.6839	722.3456	1426.6574	713.8323	1425.6733	713.3403	12
22	2463.2150	1232.1112	2446.1885	1223.5979	2445.2045	1223.1059	Q	1356.6519	678.8296	1339.6253	670.3163	1338.6413	669.8243	11
23	2577.2580	1289.1326	2560.2314	1280.6193	2559.2474	1280.1273	N	1228.5933	614.8003	1211.5668	606.2870	1210.5827	605.7950	10
24	2691.3009	1346.1541	2674.2743	1337.6408	2673.2903	1337.1488	N	1114.5504	557.7788	1097.5238	549.2656	1096.5398	548.7735	9
25	2792.3486	1396.6779	2775.3220	1388.1647	2774.3380	1387.6726	T	1000.5074	500.7574	983.4809	492.2441	982.4969	491.7521	8
26	2920.4435	1460.7254	2903.4170	1452.2121	2902.4330	1451.7201	K	899.4598	450.2335	882.4332	441.7202	881.4492	441.2282	7
27	3035.4705	1518.2389	3018.4439	1509.7256	3017.4599	1509.2336	D	771.3648	386.1860	754.3383	377.6728	753.3542	377.1808	6
28	3202.4688	1601.7381	3185.4423	1593.2248	3184.4583	1592.7328	S	656.3379	328.6726	639.3113	320.1593	638.3273	319.6673	5
29	3303.5165	1652.2619	3286.4900	1643.7486	3285.5059	1643.2566	T	489.3395	245.1734	472.3130	236.6601	471.3289	236.1681	4
30	3431.6115	1716.3094	3414.5849	1707.7961	3413.6009	1707.3041	K	388.2918	194.6496	371.2653	186.1363			3
31	3544.6955	1772.8514	3527.6690	1764.3381	3526.6850	1763.8461	L	260.1969	130.6021	243.1703	122.0888			2
32							K	147.1128	74.0600	130.0863	65.5468			1

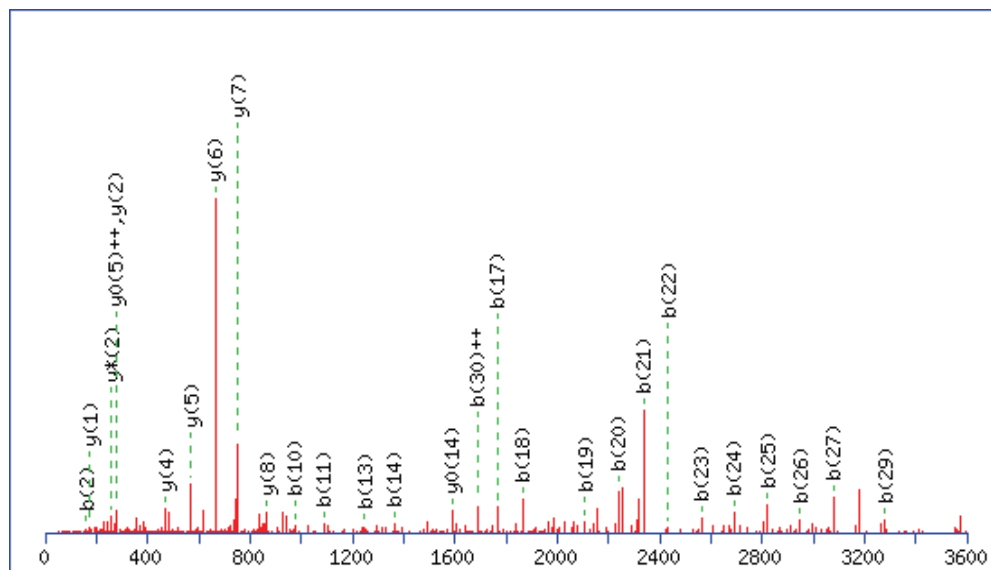
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1310.2659	3	3927.8376	-0.0618	96.3	S260	SALPTPKPKSLASDMQEVYEVPEEEEElpSPPPVTR	Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{++*}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{++*}	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							35
2	159.0764	80.0418			141.0659	71.0366	A	3743.8360	1872.4217	3726.8095	1863.9084	3725.8255	1863.4164	34
3	272.1605	136.5839			254.1499	127.5786	L	3672.7989	1836.9031	3655.7724	1828.3898	3654.7884	1827.8978	33
4	369.2132	185.1103			351.2027	176.1050	P	3559.7149	1780.3611	3542.6883	1771.8478	3541.7043	1771.3558	32
5	470.2609	235.6341			452.2504	226.6288	T	3462.6621	1731.8347	3445.6356	1723.3214	3444.6515	1722.8294	31
6	567.3137	284.1605			549.3031	275.1552	P	3361.6144	1681.3108	3344.5879	1672.7976	3343.6039	1672.3056	30
7	664.3665	332.6869			646.3559	323.6816	P	3264.5617	1632.7845	3247.5351	1624.2712	3246.5511	1623.7792	29
8	792.4614	396.7343	775.4349	388.2211	774.4509	387.7291	K	3167.5089	1584.2581	3150.4823	1575.7448	3149.4983	1575.2528	28
9	889.5142	445.2607	872.4876	436.7475	871.5036	436.2554	P	3039.4139	1520.2106	3022.3874	1511.6973	3021.4034	1511.2053	27
10	976.5462	488.7767	959.5197	480.2635	958.5356	479.7715	S	2942.3612	1471.6842	2925.3346	1463.1709	2924.3506	1462.6789	26
11	1089.6303	545.3188	1072.6037	536.8055	1071.6197	536.3135	L	2855.3291	1428.1682	2838.3026	1419.6549	2837.3186	1419.1629	25
12	1160.6674	580.8373	1143.6408	572.3241	1142.6568	571.8320	A	2742.2451	1371.6262	2725.2185	1363.1129	2724.2345	1362.6209	24
13	1247.6994	624.3533	1230.6729	615.8401	1229.6888	615.3481	S	2671.2080	1336.1076	2654.1814	1327.5943	2653.1974	1327.1023	23
14	1362.7264	681.8668	1345.6998	673.3535	1344.7158	672.8615	D	2584.1759	1292.5916	2567.1494	1284.0783	2566.1654	1283.5863	22
15	1493.7668	747.3871	1476.7403	738.8738	1475.7563	738.3818	M	2469.1490	1235.0781	2452.1224	1226.5649	2451.1384	1226.0729	21
16	1621.8254	811.4163	1604.7989	802.9031	1603.8149	802.4111	Q	2338.1085	1169.5579	2321.0820	1161.0446	2320.0979	1160.5526	20
17	1750.8680	875.9376	1733.8415	867.4244	1732.8574	866.9324	E	2210.0499	1105.5286	2193.0234	1097.0153	2192.0394	1096.5233	19
18	1849.9364	925.4719	1832.9099	916.9586	1831.9259	916.4666	V	2081.0073	1041.0073	2063.9808	1032.4940	2062.9968	1032.0020	18
19	2012.9998	1007.0035	1995.9732	998.4902	1994.9892	997.9982	Y	1981.9389	991.4731	1964.9124	982.9598	1963.9284	982.4678	17
20	2142.0423	1071.5248	2125.0158	1063.0115	2124.0318	1062.5195	E	1818.8756	909.9414	1801.8490	901.4282	1800.8650	900.9362	16
21	2241.1108	1121.0590	2224.0842	1112.5457	2223.1002	1112.0537	V	1689.8330	845.4201	1672.8065	836.9069	1671.8224	836.4149	15
22	2338.1635	1169.5854	2321.1370	1161.0721	2320.1530	1160.5801	P	1590.7646	795.8859	1573.7380	787.3727	1572.7540	786.8806	14
23	2467.2061	1234.1067	2450.1796	1225.5934	2449.1956	1225.1014	E	1493.7118	747.3595	1476.6853	738.8463	1475.7013	738.3543	13
24	2596.2487	1298.6280	2579.2222	1290.1147	2578.2381	1289.6227	E	1364.6692	682.8383	1347.6427	674.3250	1346.6587	673.8330	12
25	2725.2913	1363.1493	2708.2648	1354.6360	2707.2807	1354.1440	E	1235.6266	618.3170	1218.6001	609.8037	1217.6161	609.3117	11
26	2854.3339	1427.6706	2837.3074	1419.1573	2836.3233	1418.6653	E	1106.5840	553.7957	1089.5575	545.2824	1088.5735	544.7904	10
27	2983.3765	1492.1919	2966.3499	1483.6786	2965.3659	1483.1866	E	977.5414	489.2744	960.5149	480.7611	959.5309	480.2691	9
28	3096.4606	1548.7339	3079.4340	1540.2206	3078.4500	1539.7286	L	848.4989	424.7531	831.4723	416.2398	830.4883	415.7478	8
29	3165.4820	1583.2446	3148.4555	1574.7314	3147.4714	1574.2394	S	735.4148	368.2110	718.3882	359.6978	717.4042	359.2058	7
30	3262.5348	1631.7710	3245.5082	1623.2578	3244.5242	1622.7657	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3359.5875	1680.2974	3342.5610	1671.7841	3341.5770	1671.2921	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
32	3456.6403	1728.8238	3439.6138	1720.3105	3438.6297	1719.8185	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4

33	3555.7087	1778.3580	3538.6822	1769.8447	3537.6982	1769.3527	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3656.7564	1828.8818	3639.7298	1820.3686	3638.7458	1819.8766	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			1

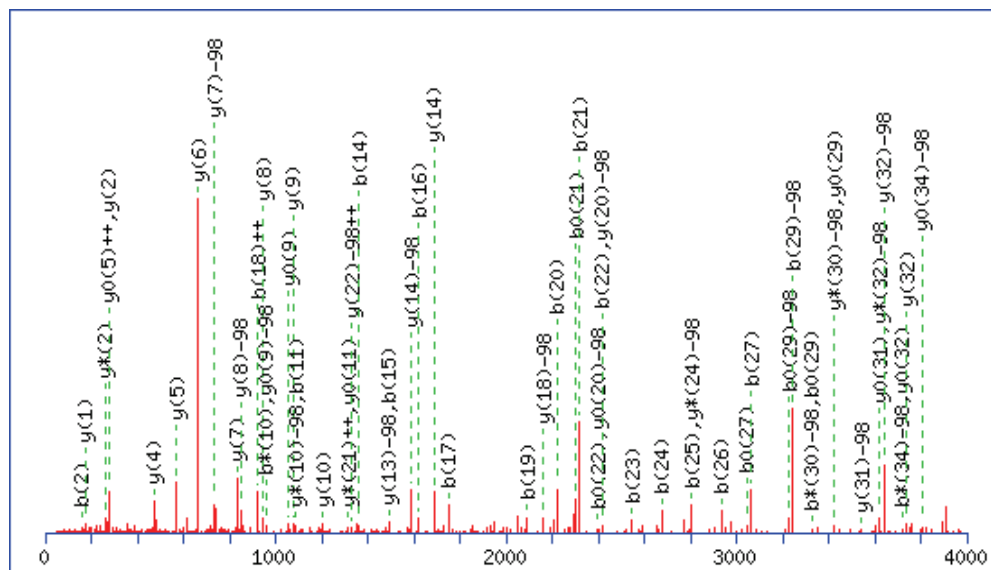
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
986.9467	4	3943.8326	-0.0749	103.47	Y249	SALPTPPKPSLASDMQEVpYEVPEEEEEELSPPPVTR	Oxidation (M); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							35
2	159.0764	80.0418			141.0659	71.0366	A	3857.8079	1929.4076	3840.7813	1920.8943	3839.7973	1920.4023	34
3	272.1605	136.5839			254.1499	127.5786	L	3786.7707	1893.8890	3769.7442	1885.3757	3768.7602	1884.8837	33
4	369.2132	185.1103			351.2027	176.1050	P	3673.6867	1837.3470	3656.6601	1828.8337	3655.6761	1828.3417	32
5	470.2609	235.6341			452.2504	226.6288	T	3576.6339	1788.8206	3559.6074	1780.3073	3558.6234	1779.8153	31
6	567.3137	284.1605			549.3031	275.1552	P	3475.5862	1738.2968	3458.5597	1729.7835	3457.5757	1729.2915	30
7	664.3665	332.6869			646.3559	323.6816	P	3378.5335	1689.7704	3361.5069	1681.2571	3360.5229	1680.7651	29
8	792.4614	396.7343	775.4349	388.2211	774.4509	387.7291	K	3281.4807	1641.2440	3264.4542	1632.7307	3263.4701	1632.2387	28
9	889.5142	445.2607	872.4876	436.7475	871.5036	436.2554	P	3153.3857	1577.1965	3136.3592	1568.6832	3135.3752	1568.1912	27
10	976.5462	488.7767	959.5197	480.2635	958.5356	479.7715	S	3056.3330	1528.6701	3039.3064	1520.1569	3038.3224	1519.6648	26
11	1089.6303	545.3188	1072.6037	536.8055	1071.6197	536.3135	L	2969.3010	1485.1541	2952.2744	1476.6408	2951.2904	1476.1488	25
12	1160.6674	580.8373	1143.6408	572.3241	1142.6568	571.8320	A	2856.2169	1428.6121	2839.1903	1420.0988	2838.2063	1419.6068	24
13	1247.6994	624.3533	1230.6729	615.8401	1229.6888	615.3481	S	2785.1798	1393.0935	2768.1532	1384.5803	2767.1692	1384.0882	23
14	1362.7264	681.8668	1345.6998	673.3535	1344.7158	672.8615	D	2698.1478	1349.5775	2681.1212	1341.0642	2680.1372	1340.5722	22
15	1509.7618	755.3845	1492.7352	746.8712	1491.7512	746.3792	M	2583.1208	1292.0640	2566.0943	1283.5508	2565.1102	1283.0588	21
16	1637.8203	819.4138	1620.7938	810.9005	1619.8098	810.4085	Q	2436.0854	1218.5463	2419.0589	1210.0331	2418.0748	1209.5411	20
17	1766.8629	883.9351	1749.8364	875.4218	1748.8524	874.9298	E	2308.0268	1154.5171	2291.0003	1146.0038	2290.0163	1145.5118	19
18	1865.9313	933.4693	1848.9048	924.9560	1847.9208	924.4640	V	2178.9842	1089.9958	2161.9577	1081.4825	2160.9737	1080.9905	18
19	2108.9610	1054.9841	2091.9345	1046.4709	2090.9504	1045.9789	Y	2079.9158	1040.4615	2062.8893	1031.9483	2061.9053	1031.4563	17
20	2238.0036	1119.5054	2220.9770	1110.9922	2219.9930	1110.5002	E	1836.8862	918.9467	1819.8596	910.4334	1818.8756	909.9414	16
21	2337.0720	1169.0396	2320.0455	1160.5264	2319.0614	1160.0344	V	1707.8436	854.4254	1690.8170	845.9121	1689.8330	845.4201	15
22	2434.1248	1217.5660	2417.0982	1209.0527	2416.1142	1208.5607	P	1608.7752	804.8912	1591.7486	796.3779	1590.7646	795.8859	14
23	2563.1674	1282.0873	2546.1408	1273.5740	2545.1568	1273.0820	E	1511.7224	756.3648	1494.6958	747.8516	1493.7118	747.3596	13
24	2692.2100	1346.6086	2675.1834	1338.0953	2674.1994	1337.6033	E	1382.6798	691.8435	1365.6533	683.3303	1364.6692	682.8383	12
25	2821.2525	1411.1299	2804.2260	1402.6166	2803.2420	1402.1246	E	1253.6372	627.3222	1236.6107	618.8090	1235.6266	618.3170	11
26	2950.2951	1475.6512	2933.2686	1467.1379	2932.2846	1466.6459	E	1124.5946	562.8009	1107.5681	554.2877	1106.5841	553.7957	10
27	3079.3377	1540.1725	3062.3112	1531.6592	3061.3272	1531.1672	E	995.5520	498.2796	978.5255	489.7664	977.5415	489.2744	9
28	3192.4218	1596.7145	3175.3953	1588.2013	3174.4112	1587.7093	L	866.5094	433.7584	849.4829	425.2451	848.4989	424.7531	8
29	3279.4538	1640.2306	3262.4273	1631.7173	3261.4433	1631.2253	S	753.4254	377.2163	736.3988	368.7030	735.4148	368.2110	7
30	3376.5066	1688.7569	3359.4800	1680.2437	3358.4960	1679.7517	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3473.5594	1737.2833	3456.5328	1728.7700	3455.5488	1728.2780	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
32	3570.6121	1785.8097	3553.5856	1777.2964	3552.6016	1776.8044	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4

33	3669.6805	1835.3439	3652.6540	1826.8306	3651.6700	1826.3386	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3770.7282	1885.8677	3753.7017	1877.3545	3752.7176	1876.8625	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			1

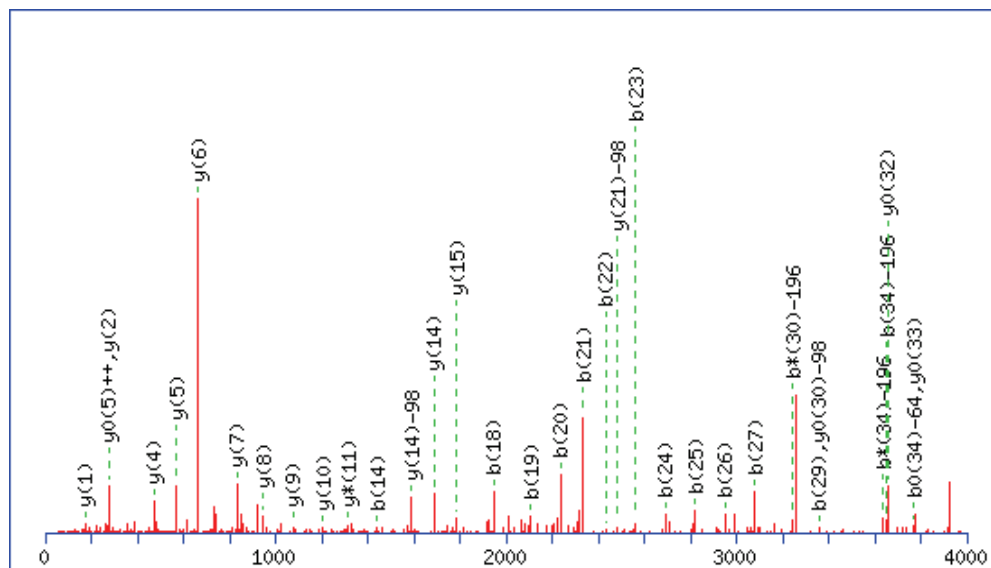
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1002.961	4	4007.804	0.0109	85.11	Y249, S260	SALTPPKPSLASDMQEVpYEVPEEEEEEpSPPPVTR	Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							35
2	159.0764	80.0418			141.0659	71.0366	A	3823.8024	1912.4048	3806.7758	1903.8915	3805.7918	1903.3995	34
3	272.1605	136.5839			254.1499	127.5786	L	3752.7653	1876.8863	3735.7387	1868.3730	3734.7547	1867.8810	33
4	369.2132	185.1103			351.2027	176.1050	P	3639.6812	1820.3442	3622.6546	1811.8310	3621.6706	1811.3390	32
5	470.2609	235.6341			452.2504	226.6288	T	3542.6284	1771.8179	3525.6019	1763.3046	3524.6179	1762.8126	31
6	567.3137	284.1605			549.3031	275.1552	P	3441.5807	1721.2940	3424.5542	1712.7807	3423.5702	1712.2887	30
7	664.3665	332.6869			646.3559	323.6816	P	3344.5280	1672.7676	3327.5014	1664.2544	3326.5174	1663.7623	29
8	792.4614	396.7343	775.4349	388.2211	774.4509	387.7291	K	3247.4752	1624.2412	3230.4487	1615.7280	3229.4647	1615.2360	28
9	889.5142	445.2607	872.4876	436.7475	871.5036	436.2554	P	3119.3803	1560.1938	3102.3537	1551.6805	3101.3697	1551.1885	27
10	976.5462	488.7767	959.5197	480.2635	958.5356	479.7715	S	3022.3275	1511.6674	3005.3009	1503.1541	3004.3169	1502.6621	26
11	1089.6303	545.3188	1072.6037	536.8055	1071.6197	536.3135	L	2935.2955	1468.1514	2918.2689	1459.6381	2917.2849	1459.1461	25
12	1160.6674	580.8373	1143.6408	572.3241	1142.6568	571.8320	A	2822.2114	1411.6093	2805.1849	1403.0961	2804.2008	1402.6041	24
13	1247.6994	624.3533	1230.6729	615.8401	1229.6888	615.3481	S	2751.1743	1376.0908	2734.1477	1367.5775	2733.1637	1367.0855	23
14	1362.7264	681.8668	1345.6998	673.3535	1344.7158	672.8615	D	2664.1423	1332.5748	2647.1157	1324.0615	2646.1317	1323.5695	22
15	1493.7668	747.3871	1476.7403	738.8738	1475.7563	738.3818	M	2549.1153	1275.0613	2532.0888	1266.5480	2531.1048	1266.0560	21
16	1621.8254	811.4163	1604.7989	802.9031	1603.8149	802.4111	Q	2418.0748	1209.5411	2401.0483	1201.0278	2400.0643	1200.5358	20
17	1750.8680	875.9376	1733.8415	867.4244	1732.8574	866.9324	E	2290.0163	1145.5118	2272.9897	1136.9985	2272.0057	1136.5065	19
18	1849.9364	925.4719	1832.9099	916.9586	1831.9259	916.4666	V	2160.9737	1080.9905	2143.9471	1072.4772	2142.9631	1071.9852	18
19	2092.9661	1046.9867	2075.9395	1038.4734	2074.9555	1037.9814	Y	2061.9052	1031.4563	2044.8787	1022.9430	2043.8947	1022.4510	17
20	2222.0087	1111.5080	2204.9821	1102.9947	2203.9981	1102.5027	E	1818.8756	909.9414	1801.8490	901.4282	1800.8650	900.9362	16
21	2321.0771	1161.0422	2304.0505	1152.5289	2303.0665	1152.0369	V	1689.8330	845.4201	1672.8065	836.9069	1671.8224	836.4149	15
22	2418.1299	1209.5686	2401.1033	1201.0553	2400.1193	1200.5633	P	1590.7646	795.8859	1573.7380	787.3727	1572.7540	786.8806	14
23	2547.1724	1274.0899	2530.1459	1265.5766	2529.1619	1265.0846	E	1493.7118	747.3595	1476.6853	738.8463	1475.7013	738.3543	13
24	2676.2150	1338.6112	2659.1885	1330.0979	2658.2045	1329.6059	E	1364.6692	682.8383	1347.6427	674.3250	1346.6587	673.8330	12
25	2805.2576	1403.1325	2788.2311	1394.6192	2787.2471	1394.1272	E	1235.6266	618.3170	1218.6001	609.8037	1217.6161	609.3117	11
26	2934.3002	1467.6537	2917.2737	1459.1405	2916.2897	1458.6485	E	1106.5840	553.7957	1089.5575	545.2824	1088.5735	544.7904	10
27	3063.3428	1532.1750	3046.3163	1523.6618	3045.3323	1523.1698	E	977.5414	489.2744	960.5149	480.7611	959.5309	480.2691	9
28	3176.4269	1588.7171	3159.4003	1580.2038	3158.4163	1579.7118	L	848.4989	424.7531	831.4723	416.2398	830.4883	415.7478	8
29	3245.4483	1623.2278	3228.4218	1614.7145	3227.4378	1614.2225	S	735.4148	368.2110	718.3882	359.6978	717.4042	359.2058	7
30	3342.5011	1671.7542	3325.4746	1663.2409	3324.4905	1662.7489	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3439.5539	1720.2806	3422.5273	1711.7673	3421.5433	1711.2753	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
32	3536.6066	1768.8070	3519.5801	1760.2937	3518.5961	1759.8017	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4

33	3635.6750	1818.3412	3618.6485	1809.8279	3617.6645	1809.3359	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3736.7227	1868.8650	3719.6962	1860.3517	3718.7122	1859.8597	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			1

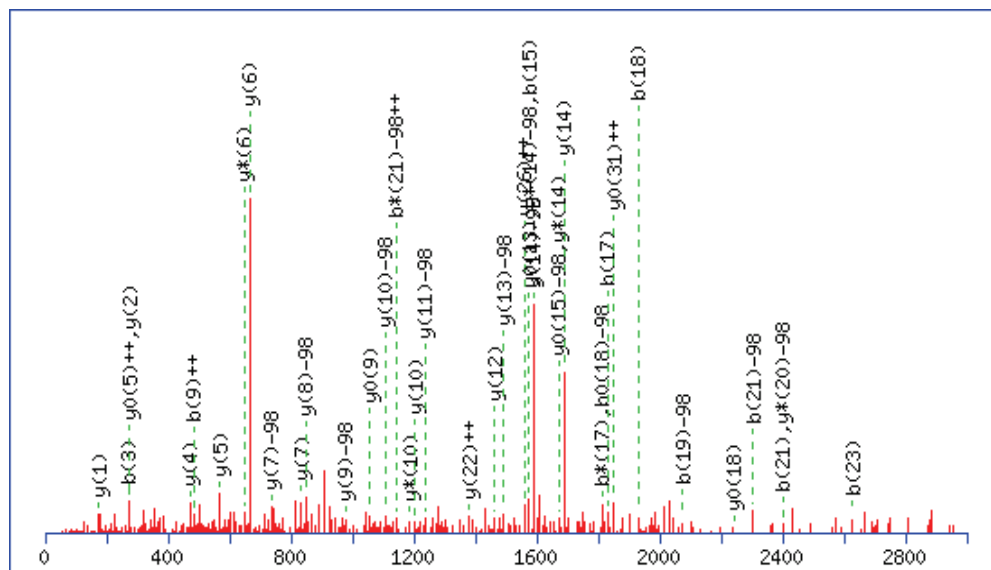
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1006.9616	4	4023.7989	0.0184	71.42	S260	(s)ALP(t)PPKP(s)LA(s)DMQEVYEVPEEEEEpSPPPVTR	Oxidation (M); 2 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	168.0056	84.5065			149.9951	75.5012	S							35
2	239.0427	120.0250			221.0322	111.0197	A	3857.8079	1929.4076	3840.7813	1920.8943	3839.7973	1920.4023	34
3	352.1268	176.5670			334.1162	167.5618	L	3786.7707	1893.8890	3769.7442	1885.3757	3768.7602	1884.8837	33
4	449.1796	225.0934			431.1690	216.0881	P	3673.6867	1837.3470	3656.6601	1828.8337	3655.6761	1828.3417	32
5	550.2272	275.6173			532.2167	266.6120	T	3576.6339	1788.8206	3559.6074	1780.3073	3558.6234	1779.8153	31
6	647.2800	324.1436			629.2694	315.1384	P	3475.5862	1738.2968	3458.5597	1729.7835	3457.5757	1729.2915	30
7	744.3328	372.6700			726.3222	363.6647	P	3378.5335	1689.7704	3361.5069	1681.2571	3360.5229	1680.7651	29
8	872.4277	436.7175	855.4012	428.2042	854.4172	427.7122	K	3281.4807	1641.2440	3264.4542	1632.7307	3263.4701	1632.2387	28
9	969.4805	485.2439	952.4540	476.7306	951.4699	476.2386	P	3153.3857	1577.1965	3136.3592	1568.6832	3135.3752	1568.1912	27
10	1056.5125	528.7599	1039.4860	520.2466	1038.5020	519.7546	S	3056.3330	1528.6701	3039.3064	1520.1569	3038.3224	1519.6648	26
11	1169.5966	585.3019	1152.5700	576.7887	1151.5860	576.2967	L	2969.3010	1485.1541	2952.2744	1476.6408	2951.2904	1476.1488	25
12	1240.6337	620.8205	1223.6072	612.3072	1222.6231	611.8152	A	2856.2169	1428.6121	2839.1903	1420.0988	2838.2063	1419.6068	24
13	1327.6657	664.3365	1310.6392	655.8232	1309.6552	655.3312	S	2785.1798	1393.0935	2768.1532	1384.5803	2767.1692	1384.0882	23
14	1442.6927	721.8500	1425.6661	713.3367	1424.6821	712.8447	D	2698.1477	1349.5775	2681.1212	1341.0642	2680.1372	1340.5722	22
15	1589.7281	795.3677	1572.7015	786.8544	1571.7175	786.3624	M	2583.1208	1292.0640	2566.0943	1283.5508	2565.1102	1283.0588	21
16	1717.7867	859.3970	1700.7601	850.8837	1699.7761	850.3917	Q	2436.0854	1218.5463	2419.0589	1210.0331	2418.0748	1209.5411	20
17	1846.8293	923.9183	1829.8027	915.4050	1828.8187	914.9130	E	2308.0268	1154.5171	2291.0003	1146.0038	2290.0163	1145.5118	19
18	1945.8977	973.4525	1928.8711	964.9392	1927.8871	964.4472	V	2178.9842	1089.9958	2161.9577	1081.4825	2160.9737	1080.9905	18
19	2108.9610	1054.9841	2091.9344	1046.4709	2090.9504	1045.9789	Y	2079.9158	1040.4615	2062.8893	1031.9483	2061.9053	1031.4563	17
20	2238.0036	1119.5054	2220.9770	1110.9922	2219.9930	1110.5002	E	1916.8525	958.9299	1899.8259	950.4166	1898.8419	949.9246	16
21	2337.0720	1169.0396	2320.0455	1160.5264	2319.0614	1160.0344	V	1787.8099	894.4086	1770.7833	885.8953	1769.7993	885.4033	15
22	2434.1248	1217.5660	2417.0982	1209.0527	2416.1142	1208.5607	P	1688.7415	844.8744	1671.7149	836.3611	1670.7309	835.8691	14
23	2563.1674	1282.0873	2546.1408	1273.5740	2545.1568	1273.0820	E	1591.6887	796.3480	1574.6622	787.8347	1573.6782	787.3427	13
24	2692.2100	1346.6086	2675.1834	1338.0953	2674.1994	1337.6033	E	1462.6461	731.8267	1445.6196	723.3134	1444.6356	722.8214	12
25	2821.2525	1411.1299	2804.2260	1402.6166	2803.2420	1402.1246	E	1333.6035	667.3054	1316.5770	658.7921	1315.5930	658.3001	11
26	2950.2951	1475.6512	2933.2686	1467.1379	2932.2846	1466.6459	E	1204.5609	602.7841	1187.5344	594.2708	1186.5504	593.7788	10
27	3079.3377	1540.1725	3062.3112	1531.6592	3061.3272	1531.1672	E	1075.5183	538.2628	1058.4918	529.7495	1057.5078	529.2575	9
28	3192.4218	1596.7145	3175.3953	1588.2013	3174.4112	1587.7093	L	946.4758	473.7415	929.4492	465.2282	928.4652	464.7362	8
29	3359.4202	1680.2137	3342.3936	1671.7004	3341.4096	1671.2084	S	833.3917	417.1995	816.3651	408.6862	815.3811	408.1942	7
30	3456.4729	1728.7401	3439.4464	1720.2268	3438.4624	1719.7348	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3553.5257	1777.2665	3536.4991	1768.7532	3535.5151	1768.2612	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
32	3650.5784	1825.7929	3633.5519	1817.2796	3632.5679	1816.7876	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4

33	3749.6469	1875.3271	3732.6203	1866.8138	3731.6363	1866.3218	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3850.6945	1925.8509	3833.6680	1917.3376	3832.6840	1916.8456	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			

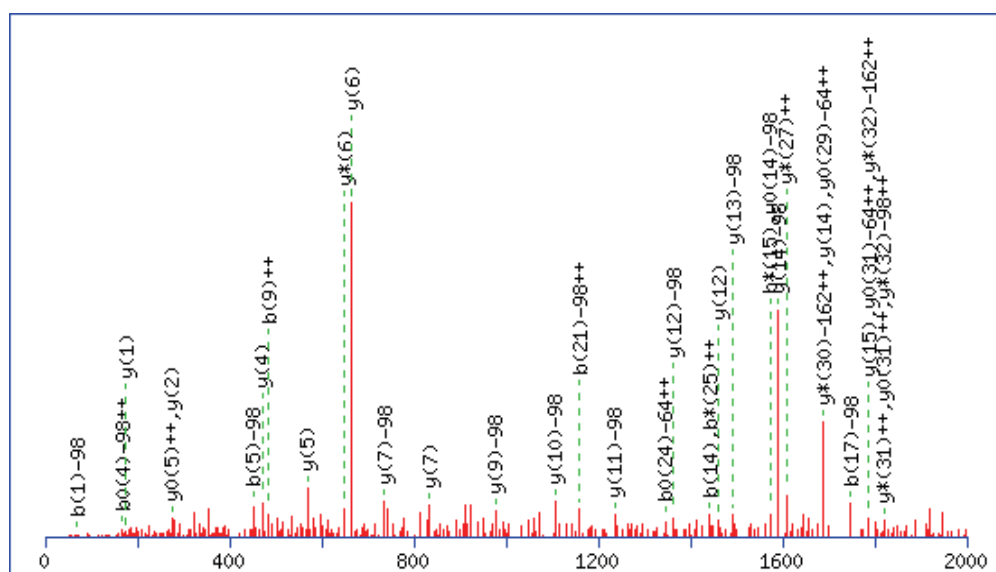
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1363.6234	3	4087.7703	0.0781	17.73	Y249, S260	SALP(t)PPKP(s)LA(s)DMQEVpYEVPEEEEEELpSPPPVTR	2 Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							35
2	159.0764	80.0418			141.0659	71.0366	A	3805.7918	1903.3995	3788.7652	1894.8863	3787.7812	1894.3943	34
3	272.1605	136.5839			254.1499	127.5786	L	3734.7547	1867.8810	3717.7281	1859.3677	3716.7441	1858.8757	33
4	369.2132	185.1103			351.2027	176.1050	P	3621.6706	1811.3389	3604.6441	1802.8257	3603.6601	1802.3337	32
5	452.2504	226.6288			434.2398	217.6235	T	3524.6179	1762.8126	3507.5913	1754.2993	3506.6073	1753.8073	31
6	549.3031	275.1552			531.2926	266.1499	P	3441.5807	1721.2940	3424.5542	1712.7807	3423.5702	1712.2887	30
7	646.3559	323.6816			628.3453	314.6763	P	3344.5280	1672.7676	3327.5014	1664.2544	3326.5174	1663.7623	29
8	774.4508	387.7291	757.4243	379.2158	756.4403	378.7238	K	3247.4752	1624.2412	3230.4487	1615.7280	3229.4647	1615.2360	28
9	871.5036	436.2554	854.4771	427.7422	853.4930	427.2502	P	3119.3803	1560.1938	3102.3537	1551.6805	3101.3697	1551.1885	27
10	958.5356	479.7715	941.5091	471.2582	940.5251	470.7662	S	3022.3275	1511.6674	3005.3009	1503.1541	3004.3169	1502.6621	26
11	1071.6197	536.3135	1054.5932	527.8002	1053.6091	527.3082	L	2935.2955	1468.1514	2918.2689	1459.6381	2917.2849	1459.1461	25
12	1142.6568	571.8320	1125.6303	563.3188	1124.6462	562.8268	A	2822.2114	1411.6093	2805.1849	1403.0961	2804.2008	1402.6041	24
13	1229.6888	615.3481	1212.6623	606.8348	1211.6783	606.3428	S	2751.1743	1376.0908	2734.1477	1367.5775	2733.1637	1367.0855	23
14	1344.7158	672.8615	1327.6892	664.3483	1326.7052	663.8562	D	2664.1423	1332.5748	2647.1157	1324.0615	2646.1317	1323.5695	22
15	1475.7563	738.3818	1458.7297	729.8685	1457.7457	729.3765	M	2549.1153	1275.0613	2532.0888	1266.5480	2531.1048	1266.0560	21
16	1603.8148	802.4111	1586.7883	793.8978	1585.8043	793.4058	Q	2418.0748	1209.5411	2401.0483	1201.0278	2400.0643	1200.5358	20
17	1732.8574	866.9324	1715.8309	858.4191	1714.8469	857.9271	E	2290.0163	1145.5118	2272.9897	1136.9985	2272.0057	1136.5065	19
18	1831.9259	916.4666	1814.8993	907.9533	1813.9153	907.4613	V	2160.9737	1080.9905	2143.9471	1072.4772	2142.9631	1071.9852	18
19	2074.9555	1037.9814	2057.9290	1029.4681	2056.9449	1028.9761	Y	2061.9052	1031.4563	2044.8787	1022.9430	2043.8947	1022.4510	17
20	2203.9981	1102.5027	2186.9716	1093.9894	2185.9875	1093.4974	E	1818.8756	909.9414	1801.8490	901.4282	1800.8650	900.9362	16
21	2303.0665	1152.0369	2286.0400	1143.5236	2285.0559	1143.0316	V	1689.8330	845.4201	1672.8065	836.9069	1671.8224	836.4149	15
22	2400.1193	1200.5633	2383.0927	1192.0500	2382.1087	1191.5580	P	1590.7646	795.8859	1573.7380	787.3727	1572.7540	786.8806	14
23	2529.1619	1265.0846	2512.1353	1256.5713	2511.1513	1256.0793	E	1493.7118	747.3595	1476.6853	738.8463	1475.7013	738.3543	13
24	2658.2045	1329.6059	2641.1779	1321.0926	2640.1939	1320.6006	E	1364.6692	682.8383	1347.6427	674.3250	1346.6587	673.8330	12
25	2787.2471	1394.1272	2770.2205	1385.6139	2769.2365	1385.1219	E	1235.6266	618.3170	1218.6001	609.8037	1217.6161	609.3117	11
26	2916.2897	1458.6485	2899.2631	1450.1352	2898.2791	1449.6432	E	1106.5840	553.7957	1089.5575	545.2824	1088.5735	544.7904	10
27	3045.3322	1523.1698	3028.3057	1514.6565	3027.3217	1514.1645	E	977.5414	489.2744	960.5149	480.7611	959.5309	480.2691	9
28	3158.4163	1579.7118	3141.3898	1571.1985	3140.4057	1570.7065	L	848.4989	424.7531	831.4723	416.2398	830.4883	415.7478	8
29	3227.4378	1614.2225	3210.4112	1605.7092	3209.4272	1605.2172	S	735.4148	368.2110	718.3882	359.6978	717.4042	359.2058	7
30	3324.4905	1662.7489	3307.4640	1654.2356	3306.4800	1653.7436	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3421.5433	1711.2753	3404.5167	1702.7620	3403.5327	1702.2700	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5
32	3518.5961	1759.8017	3501.5695	1751.2884	3500.5855	1750.7964	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4

33	3617.6645	1809.3359	3600.6379	1800.8226	3599.6539	1800.3306	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3718.7121	1859.8597	3701.6856	1851.3464	3700.7016	1850.8544	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			1

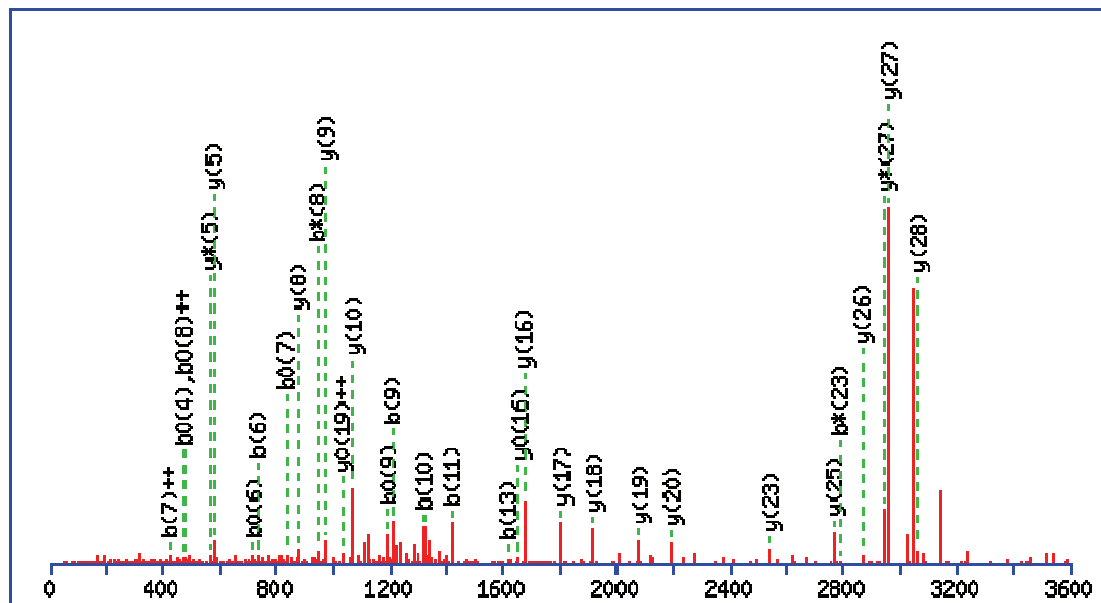
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1368.9326	3	4103.7652	0.0108	20.27	S260	(s)ALP(t)PPKP(s)LA(s)DMQEV(y)EVPEEEEELPSPPPVTR	Oxidation (M); 2 Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	70.0287	35.5180			52.0182	26.5127	S							35
2	141.0658	71.0366			123.0553	62.0313	A	3839.7973	1920.4023	3822.7707	1911.8890	3821.7867	1911.3970	34
3	254.1499	127.5786			236.1393	118.5733	L	3768.7602	1884.8837	3751.7336	1876.3705	3750.7496	1875.8784	33
4	351.2027	176.1050			333.1921	167.0997	P	3655.6761	1828.3417	3638.6496	1819.8284	3637.6655	1819.3364	32
5	452.2504	226.6288			434.2398	217.6235	T	3558.6233	1779.8153	3541.5968	1771.3020	3540.6128	1770.8100	31
6	549.3031	275.1552			531.2926	266.1499	P	3457.5757	1729.2915	3440.5491	1720.7782	3439.5651	1720.2862	30
7	646.3559	323.6816			628.3453	314.6763	P	3360.5229	1680.7651	3343.4964	1672.2518	3342.5123	1671.7598	29
8	774.4508	387.7291	757.4243	379.2158	756.4403	378.7238	K	3263.4701	1632.2387	3246.4436	1623.7254	3245.4596	1623.2334	28
9	871.5036	436.2554	854.4771	427.7422	853.4930	427.2502	P	3135.3752	1568.1912	3118.3486	1559.6780	3117.3646	1559.1859	27
10	958.5356	479.7715	941.5091	471.2582	940.5251	470.7662	S	3038.3224	1519.6648	3021.2959	1511.1516	3020.3118	1510.6596	26
11	1071.6197	536.3135	1054.5932	527.8002	1053.6091	527.3082	L	2951.2904	1476.1488	2934.2638	1467.6356	2933.2798	1467.1435	25
12	1142.6568	571.8320	1125.6303	563.3188	1124.6462	562.8268	A	2838.2063	1419.6068	2821.1798	1411.0935	2820.1958	1410.6015	24
13	1229.6888	615.3481	1212.6623	606.8348	1211.6783	606.3428	S	2767.1692	1384.0882	2750.1427	1375.5750	2749.1586	1375.0830	23
14	1344.7158	672.8615	1327.6892	664.3483	1326.7052	663.8562	D	2680.1372	1340.5722	2663.1106	1332.0590	2662.1266	1331.5669	22
15	1491.7512	746.3792	1474.7246	737.8660	1473.7406	737.3740	M	2565.1102	1283.0588	2548.0837	1274.5455	2547.0997	1274.0535	21
16	1619.8098	810.4085	1602.7832	801.8952	1601.7992	801.4032	Q	2418.0748	1209.5411	2401.0483	1201.0278	2400.0643	1200.5358	20
17	1748.8524	874.9298	1731.8258	866.4165	1730.8418	865.9245	E	2290.0163	1145.5118	2272.9897	1136.9985	2272.0057	1136.5065	19
18	1847.9208	924.4640	1830.8942	915.9508	1829.9102	915.4587	V	2160.9737	1080.9905	2143.9471	1072.4772	2142.9631	1071.9852	18
19	2090.9504	1045.9789	2073.9239	1037.4656	2072.9399	1036.9736	Y	2061.9052	1031.4563	2044.8787	1022.9430	2043.8947	1022.4510	17
20	2219.9930	1110.5001	2202.9665	1101.9869	2201.9825	1101.4949	E	1818.8756	909.9414	1801.8490	901.4282	1800.8650	900.9362	16
21	2319.0614	1160.0344	2302.0349	1151.5211	2301.0509	1151.0291	V	1689.8330	845.4201	1672.8065	836.9069	1671.8224	836.4149	15
22	2416.1142	1208.5607	2399.0876	1200.0475	2398.1036	1199.5555	P	1590.7646	795.8859	1573.7380	787.3727	1572.7540	786.8806	14
23	2545.1568	1273.0820	2528.1302	1264.5688	2527.1462	1264.0768	E	1493.7118	747.3595	1476.6853	738.8463	1475.7013	738.3543	13
24	2674.1994	1337.6033	2657.1728	1329.0901	2656.1888	1328.5980	E	1364.6692	682.8383	1347.6427	674.3250	1346.6587	673.8330	12
25	2803.2420	1402.1246	2786.2154	1393.6114	2785.2314	1393.1193	E	1235.6266	618.3170	1218.6001	609.8037	1217.6161	609.3117	11
26	2932.2846	1466.6459	2915.2580	1458.1326	2914.2740	1457.6406	E	1106.5840	553.7957	1089.5575	545.2824	1088.5735	544.7904	10
27	3061.3272	1531.1672	3044.3006	1522.6539	3043.3166	1522.1619	E	977.5414	489.2744	960.5149	480.7611	959.5309	480.2691	9
28	3174.4112	1587.7093	3157.3847	1579.1960	3156.4007	1578.7040	L	848.4989	424.7531	831.4723	416.2398	830.4883	415.7478	8
29	3243.4327	1622.2200	3226.4061	1613.7067	3225.4221	1613.2147	S	735.4148	368.2110	718.3882	359.6978	717.4042	359.2058	7
30	3340.4854	1670.7464	3323.4589	1662.2331	3322.4749	1661.7411	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
31	3437.5382	1719.2727	3420.5117	1710.7595	3419.5276	1710.2675	P	569.3406	285.1739	552.3140	276.6606	551.3300	276.1686	5

32	3534.5910	1767.7991	3517.5644	1759.2859	3516.5804	1758.7938	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4
33	3633.6594	1817.3333	3616.6328	1808.8201	3615.6488	1808.3281	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
34	3734.7071	1867.8572	3717.6805	1859.3439	3716.6965	1858.8519	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
35							R	175.1190	88.0631	158.0924	79.5498			1

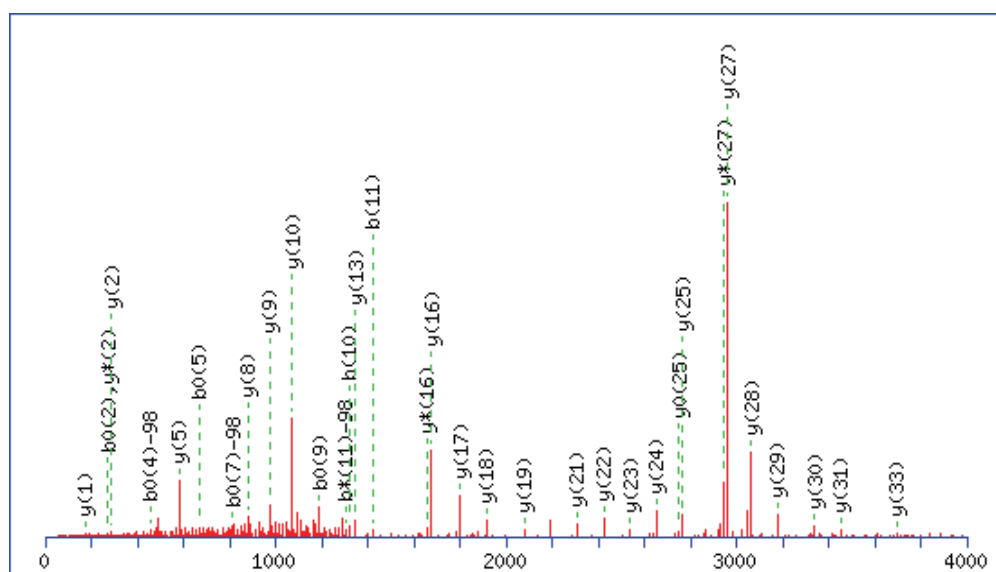
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1096.7102	4	4382.8322	-0.0205	44.1	Y194 or Y205	ECpSDEEDNYIVPVDNDDNYIEPTESSTPPPAKPPVNR	Carbamidomethyl (C); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	290.0805	145.5439			272.0700	136.5386	C	4254.7969	2127.9021	4237.7704	2119.3888	4236.7863	2118.8968	37
3	377.1126	189.0599			359.1020	180.0546	S	4094.7663	2047.8868	4077.7397	2039.3735	4076.7557	2038.8815	36
4	492.1395	246.5734			474.1289	237.5681	D	4007.7342	2004.3708	3990.7077	1995.8575	3989.7237	1995.3655	35
5	607.1664	304.0869			589.1559	295.0816	D	3892.7073	1946.8573	3875.6807	1938.3440	3874.6967	1937.8520	34
6	736.2090	368.6082			718.1985	359.6029	E	3777.6803	1889.3438	3760.6538	1880.8305	3759.6698	1880.3385	33
7	851.2360	426.1216			833.2254	417.1163	D	3648.6378	1824.8225	3631.6112	1816.3092	3630.6272	1815.8172	32
8	965.2789	483.1431	948.2524	474.6298	947.2683	474.1378	N	3533.6108	1767.3090	3516.5843	1758.7958	3515.6002	1758.3038	31
9	1208.3086	604.6579	1191.2820	596.1446	1190.2980	595.6526	Y	3419.5679	1710.2876	3402.5413	1701.7743	3401.5573	1701.2823	30
10	1321.3926	661.1999	1304.3661	652.6867	1303.3821	652.1947	I	3176.5382	1588.7728	3159.5117	1580.2595	3158.5277	1579.7675	29
11	1420.4610	710.7342	1403.4345	702.2209	1402.4505	701.7289	V	3063.4542	1532.2307	3046.4276	1523.7174	3045.4436	1523.2254	28
12	1517.5138	759.2605	1500.4872	750.7473	1499.5032	750.2553	P	2964.3858	1482.6965	2947.3592	1474.1832	2946.3752	1473.6912	27
13	1616.5822	808.7947	1599.5557	800.2815	1598.5716	799.7895	V	2867.3330	1434.1701	2850.3064	1425.6569	2849.3224	1425.1648	26
14	1731.6092	866.3082	1714.5826	857.7949	1713.5986	857.3029	D	2768.2646	1384.6359	2751.2380	1376.1226	2750.2540	1375.6306	25
15	1845.6521	923.3297	1828.6255	914.8164	1827.6415	914.3244	N	2653.2376	1327.1225	2636.2111	1318.6092	2635.2271	1318.1172	24
16	1960.6790	980.8431	1943.6525	972.3299	1942.6685	971.8379	D	2539.1947	1270.1010	2522.1682	1261.5877	2521.1841	1261.0957	23
17	2075.7060	1038.3566	2058.6794	1029.8433	2057.6954	1029.3513	D	2424.1678	1212.5875	2407.1412	1204.0742	2406.1572	1203.5822	22
18	2190.7329	1095.8701	2173.7064	1087.3568	2172.7223	1086.8648	D	2309.1408	1155.0740	2292.1143	1146.5608	2291.1303	1146.0688	21
19	2304.7758	1152.8916	2287.7493	1144.3783	2286.7653	1143.8863	N	2194.1139	1097.5606	2177.0873	1089.0473	2176.1033	1088.5553	20
20	2467.8392	1234.4232	2450.8126	1225.9099	2449.8286	1225.4179	Y	2080.0709	1040.5391	2063.0444	1032.0258	2062.0604	1031.5338	19
21	2580.9232	1290.9653	2563.8967	1282.4520	2562.9127	1281.9600	I	1917.0076	959.0074	1899.9811	950.4942	1898.9971	950.0022	18
22	2709.9658	1355.4865	2692.9393	1346.9733	2691.9553	1346.4813	E	1803.9236	902.4654	1786.8970	893.9521	1785.9130	893.4601	17
23	2807.0186	1404.0129	2789.9920	1395.4997	2789.0080	1395.0076	P	1674.8810	837.9441	1657.8544	829.4308	1656.8704	828.9388	16
24	2908.0663	1454.5368	2891.0397	1446.0235	2890.0557	1445.5315	T	1577.8282	789.4177	1560.8016	780.9045	1559.8176	780.4125	15
25	3037.1089	1519.0581	3020.0823	1510.5448	3019.0983	1510.0528	E	1476.7805	738.8939	1459.7540	730.3806	1458.7700	729.8886	14
26	3124.1409	1562.5741	3107.1143	1554.0608	3106.1303	1553.5688	S	1347.7379	674.3726	1330.7114	665.8593	1329.7274	665.3673	13
27	3211.1729	1606.0901	3194.1464	1597.5768	3193.1623	1597.0848	S	1260.7059	630.8566	1243.6793	622.3433	1242.6953	621.8513	12
28	3312.2206	1656.6139	3295.1940	1648.1007	3294.2100	1647.6087	T	1173.6739	587.3406	1156.6473	578.8273	1155.6633	578.3353	11
29	3409.2734	1705.1403	3392.2468	1696.6270	3391.2628	1696.1350	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3506.3261	1753.6667	3489.2996	1745.1534	3488.3156	1744.6614	P	975.5734	488.2904	958.5469	479.7771			9
31	3603.3789	1802.1931	3586.3523	1793.6798	3585.3683	1793.1878	P	878.5207	439.7640	861.4941	431.2507			8

32	3674.4160	1837.7116	3657.3894	1829.1984	3656.4054	1828.7064	A	781.4679	391.2376	764.4413	382.7243			7
33	3802.5110	1901.7591	3785.4844	1893.2458	3784.5004	1892.7538	K	710.4308	355.7190	693.4042	347.2058			6
34	3899.5637	1950.2855	3882.5372	1941.7722	3881.5532	1941.2802	P	582.3358	291.6715	565.3093	283.1583			5
35	3996.6165	1998.8119	3979.5899	1990.2986	3978.6059	1989.8066	P	485.2831	243.1452	468.2565	234.6319			4
36	4095.6849	2048.3461	4078.6584	2039.8328	4077.6743	2039.3408	V	388.2303	194.6188	371.2037	186.1055			3
37	4209.7278	2105.3676	4192.7013	2096.8543	4191.7173	2096.3623	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

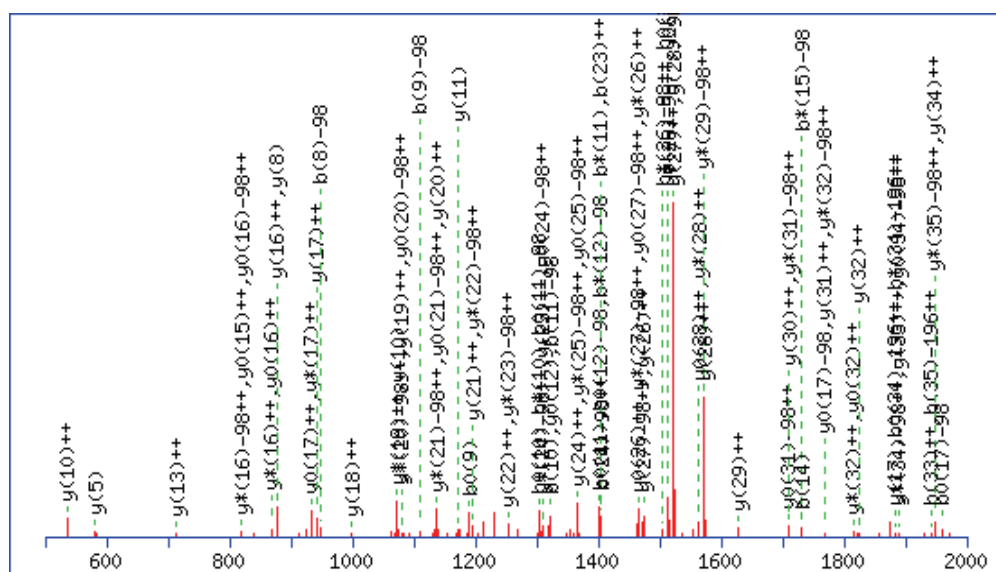
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1461.9528	3	4382.8322	0.0044	138.4	S188	ECpSDDEDNYIVPVDNDDNYIEPTESSTPPPAKPPVNR	Carbamidomethyl (C); Phospho (ST)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	290.0805	145.5439			272.0700	136.5386	C	4254.7969	2127.9021	4237.7704	2119.3888	4236.7863	2118.8968	37
3	457.0789	229.0431			439.0683	220.0378	S	4094.7663	2047.8868	4077.7397	2039.3735	4076.7557	2038.8815	36
4	572.1058	286.5565			554.0953	277.5513	D	3927.7679	1964.3876	3910.7414	1955.8743	3909.7573	1955.3823	35
5	687.1328	344.0700			669.1222	335.0647	D	3812.7410	1906.8741	3795.7144	1898.3608	3794.7304	1897.8688	34
6	816.1754	408.5913			798.1648	399.5860	E	3697.7140	1849.3606	3680.6875	1840.8474	3679.7035	1840.3554	33
7	931.2023	466.1048			913.1917	457.0995	D	3568.6714	1784.8394	3551.6449	1776.3261	3550.6609	1775.8341	32
8	1045.2452	523.1263	1028.2187	514.6130	1027.2347	514.1210	N	3453.6445	1727.3259	3436.6179	1718.8126	3435.6339	1718.3206	31
9	1208.3086	604.6579	1191.2820	596.1446	1190.2980	595.6526	Y	3339.6016	1670.3044	3322.5750	1661.7911	3321.5910	1661.2991	30
10	1321.3926	661.1999	1304.3661	652.6867	1303.3821	652.1947	I	3176.5382	1588.7728	3159.5117	1580.2595	3158.5277	1579.7675	29
11	1420.4610	710.7342	1403.4345	702.2209	1402.4505	701.7289	V	3063.4542	1532.2307	3046.4276	1523.7174	3045.4436	1523.2254	28
12	1517.5138	759.2605	1500.4872	750.7473	1499.5032	750.2553	P	2964.3858	1482.6965	2947.3592	1474.1832	2946.3752	1473.6912	27
13	1616.5822	808.7947	1599.5557	800.2815	1598.5716	799.7895	V	2867.3330	1434.1701	2850.3064	1425.6569	2849.3224	1425.1648	26
14	1731.6092	866.3082	1714.5826	857.7949	1713.5986	857.3029	D	2768.2646	1384.6359	2751.2380	1376.1226	2750.2540	1375.6306	25
15	1845.6521	923.3297	1828.6255	914.8164	1827.6415	914.3244	N	2653.2376	1327.1225	2636.2111	1318.6092	2635.2271	1318.1172	24
16	1960.6790	980.8431	1943.6525	972.3299	1942.6685	971.8379	D	2539.1947	1270.1010	2522.1682	1261.5877	2521.1841	1261.0957	23
17	2075.7060	1038.3566	2058.6794	1029.8433	2057.6954	1029.3513	D	2424.1678	1212.5875	2407.1412	1204.0742	2406.1572	1203.5822	22
18	2190.7329	1095.8701	2173.7064	1087.3568	2172.7223	1086.8648	D	2309.1408	1155.0740	2292.1143	1146.5608	2291.1303	1146.0688	21
19	2304.7758	1152.8916	2287.7493	1144.3783	2286.7653	1143.8863	N	2194.1139	1097.5606	2177.0873	1089.0473	2176.1033	1088.5553	20
20	2467.8392	1234.4232	2450.8126	1225.9099	2449.8286	1225.4179	Y	2080.0709	1040.5391	2063.0444	1032.0258	2062.0604	1031.5338	19
21	2580.9232	1290.9653	2563.8967	1282.4520	2562.9127	1281.9600	I	1917.0076	959.0074	1899.9811	950.4942	1898.9971	950.0022	18
22	2709.9658	1355.4865	2692.9393	1346.9733	2691.9553	1346.4813	E	1803.9236	902.4654	1786.8970	893.9521	1785.9130	893.4601	17
23	2807.0186	1404.0129	2789.9920	1395.4997	2789.0080	1395.0076	P	1674.8810	837.9441	1657.8544	829.4308	1656.8704	828.9388	16
24	2908.0663	1454.5368	2891.0397	1446.0235	2890.0557	1445.5315	T	1577.8282	789.4177	1560.8016	780.9045	1559.8176	780.4125	15
25	3037.1089	1519.0581	3020.0823	1510.5448	3019.0983	1510.0528	E	1476.7805	738.8939	1459.7540	730.3806	1458.7700	729.8886	14
26	3124.1409	1562.5741	3107.1143	1554.0608	3106.1303	1553.5688	S	1347.7379	674.3726	1330.7114	665.8593	1329.7274	665.3673	13
27	3211.1729	1606.0901	3194.1464	1597.5768	3193.1623	1597.0848	S	1260.7059	630.8566	1243.6793	622.3433	1242.6953	621.8513	12
28	3312.2206	1656.6139	3295.1940	1648.1007	3294.2100	1647.6087	T	1173.6739	587.3406	1156.6473	578.8273	1155.6633	578.3353	11
29	3409.2734	1705.1403	3392.2468	1696.6270	3391.2628	1696.1350	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3506.3261	1753.6667	3489.2996	1745.1534	3488.3156	1744.6614	P	975.5734	488.2904	958.5469	479.7771			9
31	3603.3789	1802.1931	3586.3523	1793.6798	3585.3683	1793.1878	P	878.5207	439.7640	861.4941	431.2507			8

32	3674.4160	1837.7116	3657.3894	1829.1984	3656.4054	1828.7064	A	781.4679	391.2376	764.4413	382.7243			7
33	3802.5110	1901.7591	3785.4844	1893.2458	3784.5004	1892.7538	K	710.4308	355.7190	693.4042	347.2058			6
34	3899.5637	1950.2855	3882.5372	1941.7722	3881.5532	1941.2802	P	582.3358	291.6715	565.3093	283.1583			5
35	3996.6165	1998.8119	3979.5899	1990.2986	3978.6059	1989.8066	P	485.2831	243.1452	468.2565	234.6319			4
36	4095.6849	2048.3461	4078.6584	2039.8328	4077.6743	2039.3408	V	388.2303	194.6188	371.2037	186.1055			3
37	4209.7278	2105.3676	4192.7013	2096.8543	4191.7173	2096.3623	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

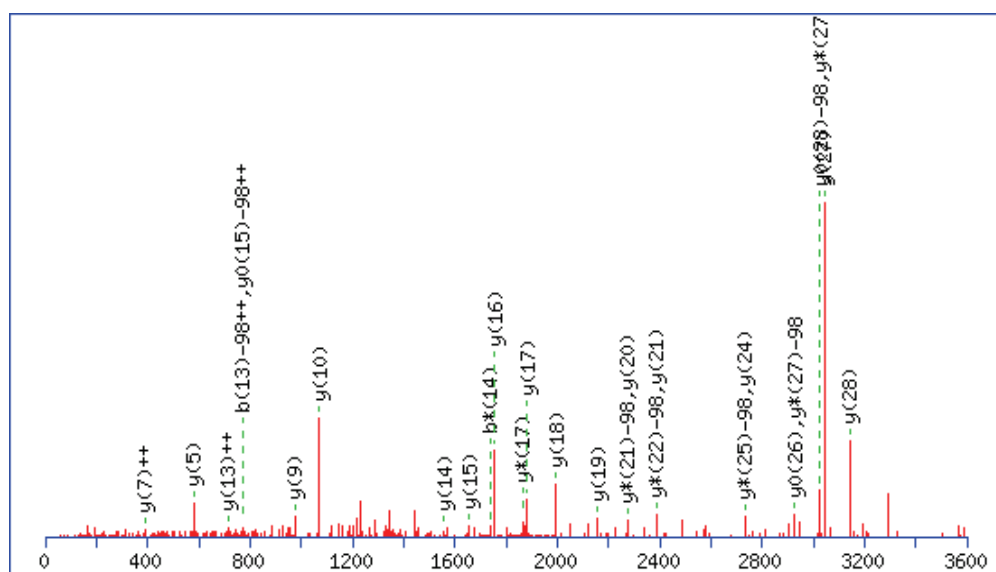
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1488.6084	3	4462.7985	0.0048	103.89	S188	ECpSDDDEDNYIVPVDNDDNYIEP(t)E(s)(s)(t)PPPAKPPVNR	Carbamidomethyl (C); 2 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	290.0805	145.5439			272.0700	136.5386	C	4334.7632	2167.8853	4317.7367	2159.3720	4316.7527	2158.8800	37
3	457.0789	229.0431			439.0683	220.0378	S	4174.7326	2087.8699	4157.7060	2079.3567	4156.7220	2078.8646	36
4	572.1058	286.5565			554.0953	277.5513	D	4007.7342	2004.3708	3990.7077	1995.8575	3989.7237	1995.3655	35
5	687.1328	344.0700			669.1222	335.0647	D	3892.7073	1946.8573	3875.6807	1938.3440	3874.6967	1937.8520	34
6	816.1754	408.5913			798.1648	399.5860	E	3777.6803	1889.3438	3760.6538	1880.8305	3759.6698	1880.3385	33
7	931.2023	466.1048			913.1917	457.0995	D	3648.6378	1824.8225	3631.6112	1816.3092	3630.6272	1815.8172	32
8	1045.2452	523.1263	1028.2187	514.6130	1027.2347	514.1210	N	3533.6108	1767.3090	3516.5843	1758.7958	3515.6002	1758.3038	31
9	1208.3086	604.6579	1191.2820	596.1446	1190.2980	595.6526	Y	3419.5679	1710.2876	3402.5413	1701.7743	3401.5573	1701.2823	30
10	1321.3926	661.1999	1304.3661	652.6867	1303.3821	652.1947	I	3256.5046	1628.7559	3239.4780	1620.2426	3238.4940	1619.7506	29
11	1420.4610	710.7342	1403.4345	702.2209	1402.4505	701.7289	V	3143.4205	1572.2139	3126.3939	1563.7006	3125.4099	1563.2086	28
12	1517.5138	759.2605	1500.4872	750.7473	1499.5032	750.2553	P	3044.3521	1522.6797	3027.3255	1514.1664	3026.3415	1513.6744	27
13	1616.5822	808.7947	1599.5557	800.2815	1598.5716	799.7895	V	2947.2993	1474.1533	2930.2728	1465.6400	2929.2887	1465.1480	26
14	1731.6092	866.3082	1714.5826	857.7949	1713.5986	857.3029	D	2848.2309	1424.6191	2831.2043	1416.1058	2830.2203	1415.6138	25
15	1845.6521	923.3297	1828.6255	914.8164	1827.6415	914.3244	N	2733.2040	1367.1056	2716.1774	1358.5923	2715.1934	1358.1003	24
16	1960.6790	980.8431	1943.6525	972.3299	1942.6685	971.8379	D	2619.1610	1310.0842	2602.1345	1301.5709	2601.1505	1301.0789	23
17	2075.7060	1038.3566	2058.6794	1029.8433	2057.6954	1029.3513	D	2504.1341	1252.5707	2487.1075	1244.0574	2486.1235	1243.5654	22
18	2190.7329	1095.8701	2173.7064	1087.3568	2172.7223	1086.8648	D	2389.1071	1195.0572	2372.0806	1186.5439	2371.0966	1186.0519	21
19	2304.7758	1152.8916	2287.7493	1144.3783	2286.7653	1143.8863	N	2274.0802	1137.5437	2257.0536	1129.0305	2256.0696	1128.5385	20
20	2467.8392	1234.4232	2450.8126	1225.9099	2449.8286	1225.4179	Y	2160.0373	1080.5223	2143.0107	1072.0090	2142.0267	1071.5170	19
21	2580.9232	1290.9653	2563.8967	1282.4520	2562.9127	1281.9600	I	1996.9739	998.9906	1979.9474	990.4773	1978.9634	989.9853	18
22	2709.9658	1355.4865	2692.9393	1346.9733	2691.9553	1346.4813	E	1883.8899	942.4486	1866.8633	933.9353	1865.8793	933.4433	17
23	2807.0186	1404.0129	2789.9920	1395.4997	2789.0080	1395.0076	P	1754.8473	877.9273	1737.8207	869.4140	1736.8367	868.9220	16
24	2908.0663	1454.5368	2891.0397	1446.0235	2890.0557	1445.5315	T	1657.7945	829.4009	1640.7680	820.8876	1639.7840	820.3956	15
25	3037.1089	1519.0581	3020.0823	1510.5448	3019.0983	1510.0528	E	1556.7468	778.8771	1539.7203	770.3638	1538.7363	769.8718	14
26	3124.1409	1562.5741	3107.1143	1554.0608	3106.1303	1553.5688	S	1427.7042	714.3558	1410.6777	705.8425	1409.6937	705.3505	13
27	3291.1392	1646.0733	3274.1127	1637.5600	3273.1287	1637.0680	S	1340.6722	670.8397	1323.6457	662.3265	1322.6617	661.8345	12
28	3392.1869	1696.5971	3375.1604	1688.0838	3374.1764	1687.5918	T	1173.6739	587.3406	1156.6473	578.8273	1155.6633	578.3353	11
29	3489.2397	1745.1235	3472.2131	1736.6102	3471.2291	1736.1182	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3586.2924	1793.6499	3569.2659	1785.1366	3568.2819	1784.6446	P	975.5734	488.2904	958.5469	479.7771			9
31	3683.3452	1842.1762	3666.3187	1833.6630	3665.3346	1833.1710	P	878.5207	439.7640	861.4941	431.2507			8

32	3754.3823	1877.6948	3737.3558	1869.1815	3736.3718	1868.6895	A	781.4679	391.2376	764.4413	382.7243			7
33	3882.4773	1941.7423	3865.4507	1933.2290	3864.4667	1932.7370	K	710.4308	355.7190	693.4042	347.2058			6
34	3979.5300	1990.2687	3962.5035	1981.7554	3961.5195	1981.2634	P	582.3358	291.6715	565.3093	283.1583			5
35	4076.5828	2038.7950	4059.5563	2030.2818	4058.5722	2029.7898	P	485.2831	243.1452	468.2565	234.6319			4
36	4175.6512	2088.3293	4158.6247	2079.8160	4157.6407	2079.3240	V	388.2303	194.6188	371.2037	186.1055			3
37	4289.6942	2145.3507	4272.6676	2136.8374	4271.6836	2136.3454	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

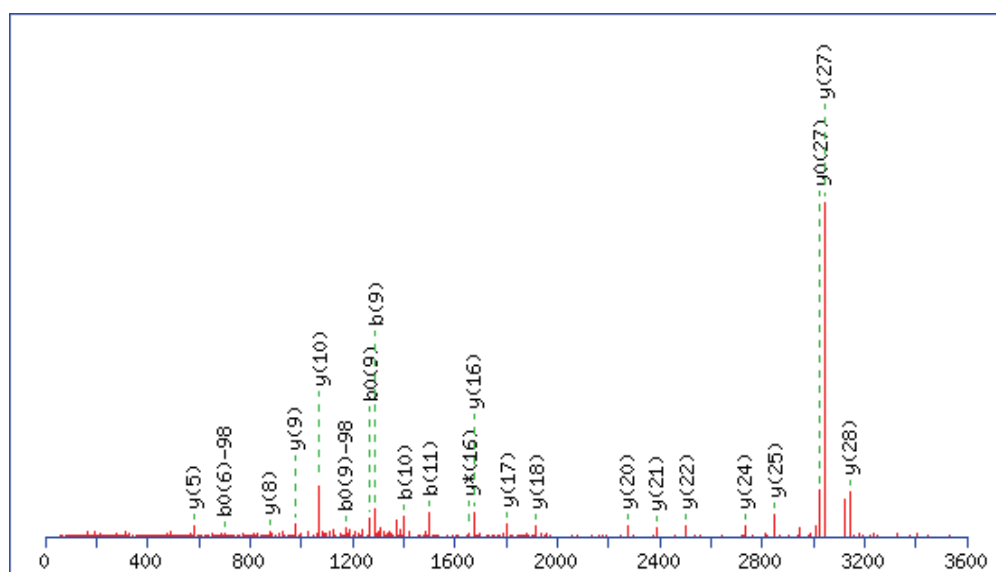
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1122.443	4	4485.7434	-0.0005	54.66	S188, Y194	ECpSDDEDNpYIVPVDNDDNYIEP(t)E(s)(t)PPPAKPPVNR	2 Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	233.0591	117.0332			215.0485	108.0279	C	4357.7081	2179.3577	4340.6815	2170.8444	4339.6975	2170.3524	37
3	400.0574	200.5323			382.0468	191.5271	S	4254.6989	2127.8531	4237.6724	2119.3398	4236.6883	2118.8478	36
4	515.0843	258.0458			497.0738	249.0405	D	4087.7006	2044.3539	4070.6740	2035.8406	4069.6900	2035.3486	35
5	630.1113	315.5593			612.1007	306.5540	D	3972.6736	1986.8404	3955.6471	1978.3272	3954.6630	1977.8352	34
6	759.1539	380.0806			741.1433	371.0753	E	3857.6467	1929.3270	3840.6201	1920.8137	3839.6361	1920.3217	33
7	874.1808	437.5941			856.1703	428.5888	D	3728.6041	1864.8057	3711.5775	1856.2924	3710.5935	1855.8004	32
8	988.2238	494.6155	971.1972	486.1022	970.2132	485.6102	N	3613.5771	1807.2922	3596.5506	1798.7789	3595.5666	1798.2869	31
9	1231.2534	616.1303	1214.2269	607.6171	1213.2428	607.1251	Y	3499.5342	1750.2707	3482.5077	1741.7575	3481.5236	1741.2655	30
10	1344.3375	672.6724	1327.3109	664.1591	1326.3269	663.6671	I	3256.5046	1628.7559	3239.4780	1620.2426	3238.4940	1619.7506	29
11	1443.4059	722.2066	1426.3793	713.6933	1425.3953	713.2013	V	3143.4205	1572.2139	3126.3939	1563.7006	3125.4099	1563.2086	28
12	1540.4586	770.7330	1523.4321	762.2197	1522.4481	761.7277	P	3044.3521	1522.6797	3027.3255	1514.1664	3026.3415	1513.6744	27
13	1639.5271	820.2672	1622.5005	811.7539	1621.5165	811.2619	V	2947.2993	1474.1533	2930.2728	1465.6400	2929.2887	1465.1480	26
14	1754.5540	877.7806	1737.5275	869.2674	1736.5434	868.7754	D	2848.2309	1424.6191	2831.2043	1416.1058	2830.2203	1415.6138	25
15	1868.5969	934.8021	1851.5704	926.2888	1850.5864	925.7968	N	2733.2040	1367.1056	2716.1774	1358.5923	2715.1934	1358.1003	24
16	1983.6239	992.3156	1966.5973	983.8023	1965.6133	983.3103	D	2619.1610	1310.0842	2602.1345	1301.5709	2601.1505	1301.0789	23
17	2098.6508	1049.8290	2081.6243	1041.3158	2080.6403	1040.8238	D	2504.1341	1252.5707	2487.1075	1244.0574	2486.1235	1243.5654	22
18	2213.6778	1107.3425	2196.6512	1098.8292	2195.6672	1098.3372	D	2389.1071	1195.0572	2372.0806	1186.5439	2371.0966	1186.0519	21
19	2327.7207	1164.3640	2310.6941	1155.8507	2309.7101	1155.3587	N	2274.0802	1137.5437	2257.0536	1129.0305	2256.0696	1128.5385	20
20	2490.7840	1245.8956	2473.7575	1237.3824	2472.7735	1236.8904	Y	2160.0373	1080.5223	2143.0107	1072.0090	2142.0267	1071.5170	19
21	2603.8681	1302.4377	2586.8415	1293.9244	2585.8575	1293.4324	I	1996.9739	998.9906	1979.9474	990.4773	1978.9634	989.9853	18
22	2732.9107	1366.9590	2715.8841	1358.4457	2714.9001	1357.9537	E	1883.8899	942.4486	1866.8633	933.9353	1865.8793	933.4433	17
23	2829.9634	1415.4854	2812.9369	1406.9721	2811.9529	1406.4801	P	1754.8473	877.9273	1737.8207	869.4140	1736.8367	868.9220	16
24	2931.0111	1466.0092	2913.9846	1457.4959	2913.0006	1457.0039	T	1657.7945	829.4009	1640.7680	820.8876	1639.7840	820.3956	15
25	3060.0537	1530.5305	3043.0272	1522.0172	3042.0431	1521.5252	E	1556.7468	778.8771	1539.7203	770.3638	1538.7363	769.8718	14
26	3147.0857	1574.0465	3130.0592	1565.5332	3129.0752	1565.0412	S	1427.7042	714.3558	1410.6777	705.8425	1409.6937	705.3505	13
27	3234.1178	1617.5625	3217.0912	1609.0492	3216.1072	1608.5572	S	1340.6722	670.8397	1323.6457	662.3265	1322.6617	661.8345	12
28	3415.1318	1708.0695	3398.1052	1699.5562	3397.1212	1699.0642	T	1253.6402	627.3237	1236.6136	618.8105	1235.6296	618.3185	11
29	3512.1845	1756.5959	3495.1580	1748.0826	3494.1740	1747.5906	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3609.2373	1805.1223	3592.2107	1796.6090	3591.2267	1796.1170	P	975.5734	488.2904	958.5469	479.7771			9
31	3706.2901	1853.6487	3689.2635	1845.1354	3688.2795	1844.6434	P	878.5207	439.7640	861.4941	431.2507			8

32	3777.3272	1889.1672	3760.3006	1880.6540	3759.3166	1880.1619	A	781.4679	391.2376	764.4413	382.7243			7
33	3905.4221	1953.2147	3888.3956	1944.7014	3887.4116	1944.2094	K	710.4308	355.7190	693.4042	347.2058			6
34	4002.4749	2001.7411	3985.4484	1993.2278	3984.4643	1992.7358	P	582.3358	291.6715	565.3093	283.1583			5
35	4099.5277	2050.2675	4082.5011	2041.7542	4081.5171	2041.2622	P	485.2831	243.1452	468.2565	234.6319			4
36	4198.5961	2099.8017	4181.5695	2091.2884	4180.5855	2090.7964	V	388.2303	194.6188	371.2037	186.1055			3
37	4312.6390	2156.8231	4295.6125	2148.3099	4294.6284	2147.8179	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

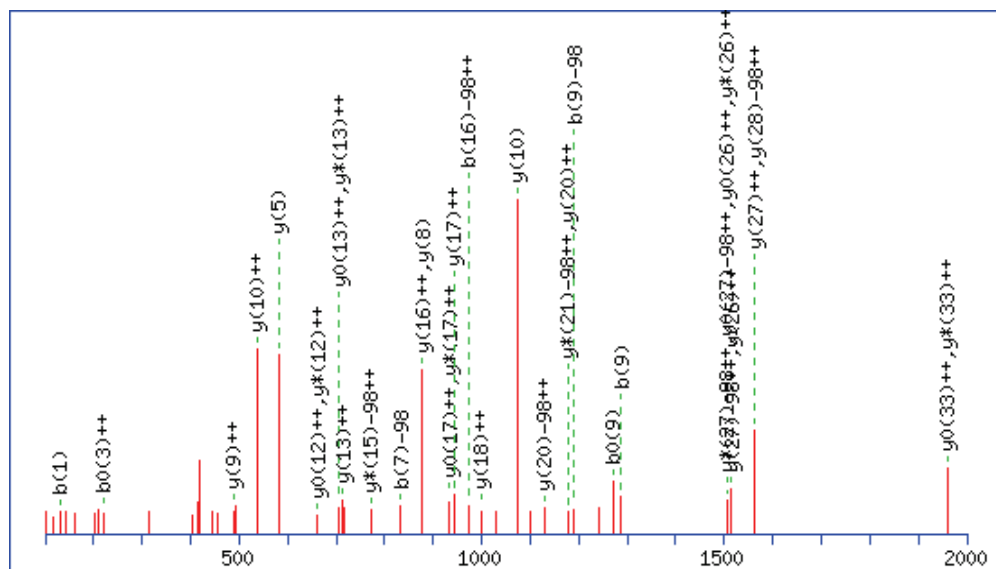
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1136.7079	4	4542.7649	0.0376	56.91	S188, Y194	ECpSDDEDNpYIVPVDNDDNYIEP(t)E(s)(t)PPPAKPPVNR	Carbamidomethyl (C); Phospho (ST); 2 Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	290.0805	145.5439			272.0700	136.5386	C	4414.7296	2207.8684	4397.7030	2199.3551	4396.7190	2198.8631	37
3	457.0789	229.0431			439.0683	220.0378	S	4254.6989	2127.8531	4237.6724	2119.3398	4236.6883	2118.8478	36
4	572.1058	286.5565			554.0953	277.5513	D	4087.7006	2044.3539	4070.6740	2035.8406	4069.6900	2035.3486	35
5	687.1328	344.0700			669.1222	335.0647	D	3972.6736	1986.8404	3955.6471	1978.3272	3954.6630	1977.8352	34
6	816.1754	408.5913			798.1648	399.5860	E	3857.6467	1929.3270	3840.6201	1920.8137	3839.6361	1920.3217	33
7	931.2023	466.1048			913.1917	457.0995	D	3728.6041	1864.8057	3711.5775	1856.2924	3710.5935	1855.8004	32
8	1045.2452	523.1263	1028.2187	514.6130	1027.2347	514.1210	N	3613.5771	1807.2922	3596.5506	1798.7789	3595.5666	1798.2869	31
9	1288.2749	644.6411	1271.2483	636.1278	1270.2643	635.6358	Y	3499.5342	1750.2707	3482.5077	1741.7575	3481.5236	1741.2655	30
10	1401.3589	701.1831	1384.3324	692.6698	1383.3484	692.1778	I	3256.5046	1628.7559	3239.4780	1620.2426	3238.4940	1619.7506	29
11	1500.4274	750.7173	1483.4008	742.2040	1482.4168	741.7120	V	3143.4205	1572.2139	3126.3939	1563.7006	3125.4099	1563.2086	28
12	1597.4801	799.2437	1580.4536	790.7304	1579.4696	790.2384	P	3044.3521	1522.6797	3027.3255	1514.1664	3026.3415	1513.6744	27
13	1696.5485	848.7779	1679.5220	840.2646	1678.5380	839.7726	V	2947.2993	1474.1533	2930.2728	1465.6400	2929.2887	1465.1480	26
14	1811.5755	906.2914	1794.5489	897.7781	1793.5649	897.2861	D	2848.2309	1424.6191	2831.2043	1416.1058	2830.2203	1415.6138	25
15	1925.6184	963.3128	1908.5919	954.7996	1907.6078	954.3076	N	2733.2040	1367.1056	2716.1774	1358.5923	2715.1934	1358.1003	24
16	2040.6453	1020.8263	2023.6188	1012.3130	2022.6348	1011.8210	D	2619.1610	1310.0842	2602.1345	1301.5709	2601.1505	1301.0789	23
17	2155.6723	1078.3398	2138.6457	1069.8265	2137.6617	1069.3345	D	2504.1341	1252.5707	2487.1075	1244.0574	2486.1235	1243.5654	22
18	2270.6992	1135.8533	2253.6727	1127.3400	2252.6887	1126.8480	D	2389.1071	1195.0572	2372.0806	1186.5439	2371.0966	1186.0519	21
19	2384.7422	1192.8747	2367.7156	1184.3614	2366.7316	1183.8694	N	2274.0802	1137.5437	2257.0536	1129.0305	2256.0696	1128.5385	20
20	2627.7718	1314.3895	2610.7453	1305.8763	2609.7612	1305.3843	Y	2160.0373	1080.5223	2143.0107	1072.0090	2142.0267	1071.5170	19
21	2740.8559	1370.9316	2723.8293	1362.4183	2722.8453	1361.9263	I	1917.0076	959.0074	1899.9811	950.4942	1898.9971	950.0022	18
22	2869.8985	1435.4529	2852.8719	1426.9396	2851.8879	1426.4476	E	1803.9236	902.4654	1786.8970	893.9521	1785.9130	893.4601	17
23	2966.9512	1483.9793	2949.9247	1475.4660	2948.9407	1474.9740	P	1674.8810	837.9441	1657.8544	829.4308	1656.8704	828.9388	16
24	3067.9989	1534.5031	3050.9724	1525.9898	3049.9883	1525.4978	T	1577.8282	789.4177	1560.8016	780.9045	1559.8176	780.4125	15
25	3197.0415	1599.0244	3180.0150	1590.5111	3179.0309	1590.0191	E	1476.7805	738.8939	1459.7540	730.3806	1458.7700	729.8886	14
26	3284.0735	1642.5404	3267.0470	1634.0271	3266.0630	1633.5351	S	1347.7379	674.3726	1330.7114	665.8593	1329.7274	665.3673	13
27	3371.1056	1686.0564	3354.0790	1677.5431	3353.0950	1677.0511	S	1260.7059	630.8566	1243.6793	622.3433	1242.6953	621.8513	12
28	3472.1532	1736.5803	3455.1267	1728.0670	3454.1427	1727.5750	T	1173.6739	587.3406	1156.6473	578.8273	1155.6633	578.3353	11
29	3569.2060	1785.1066	3552.1795	1776.5934	3551.1954	1776.1014	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3666.2588	1833.6330	3649.2322	1825.1197	3648.2482	1824.6277	P	975.5734	488.2904	958.5469	479.7771			9
31	3763.3115	1882.1594	3746.2850	1873.6461	3745.3010	1873.1541	P	878.5207	439.7640	861.4941	431.2507			8

32	3834.3486	1917.6780	3817.3221	1909.1647	3816.3381	1908.6727	A	781.4679	391.2376	764.4413	382.7243			7
33	3962.4436	1981.7254	3945.4171	1973.2122	3944.4330	1972.7202	K	710.4308	355.7190	693.4042	347.2058			6
34	4059.4964	2030.2518	4042.4698	2021.7386	4041.4858	2021.2465	P	582.3358	291.6715	565.3093	283.1583			5
35	4156.5491	2078.7782	4139.5226	2070.2649	4138.5386	2069.7729	P	485.2831	243.1452	468.2565	234.6319			4
36	4255.6176	2128.3124	4238.5910	2119.7991	4237.6070	2119.3071	V	388.2303	194.6188	371.2037	186.1055			3
37	4369.6605	2185.3339	4352.6339	2176.8206	4351.6499	2176.3286	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

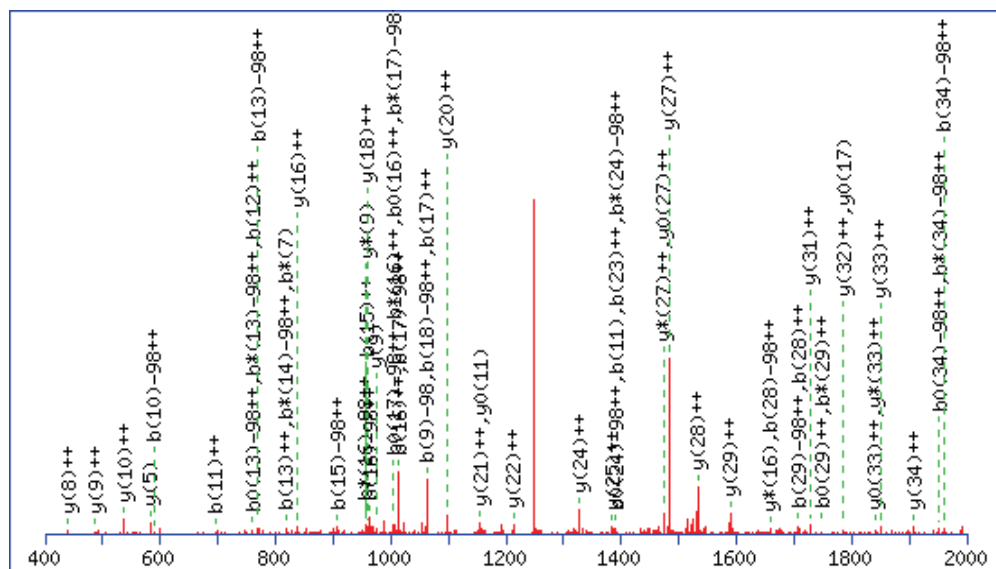
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
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#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							38
2	290.0805	145.5439			272.0700	136.5386	C	4494.6959	2247.8516	4477.6693	2239.3383	4476.6853	2238.8463	37
3	457.0789	229.0431			439.0683	220.0378	S	4334.6652	2167.8363	4317.6387	2159.3230	4316.6547	2158.8310	36
4	572.1058	286.5565			554.0953	277.5513	D	4167.6669	2084.3371	4150.6403	2075.8238	4149.6563	2075.3318	35
5	687.1328	344.0700			669.1222	335.0647	D	4052.6399	2026.8236	4035.6134	2018.3103	4034.6294	2017.8183	34
6	816.1754	408.5913			798.1648	399.5860	E	3937.6130	1969.3101	3920.5864	1960.7969	3919.6024	1960.3049	33
7	931.2023	466.1048			913.1917	457.0995	D	3808.5704	1904.7888	3791.5439	1896.2756	3790.5598	1895.7836	32
8	1045.2452	523.1263	1028.2187	514.6130	1027.2347	514.1210	N	3693.5435	1847.2754	3676.5169	1838.7621	3675.5329	1838.2701	31
9	1288.2749	644.6411	1271.2483	636.1278	1270.2643	635.6358	Y	3579.5005	1790.2539	3562.4740	1781.7406	3561.4900	1781.2486	30
10	1401.3589	701.1831	1384.3324	692.6698	1383.3484	692.1778	I	3336.4709	1668.7391	3319.4443	1660.2258	3318.4603	1659.7338	29
11	1500.4274	750.7173	1483.4008	742.2040	1482.4168	741.7120	V	3223.3868	1612.1970	3206.3603	1603.6838	3205.3762	1603.1918	28
12	1597.4801	799.2437	1580.4536	790.7304	1579.4696	790.2384	P	3124.3184	1562.6628	3107.2919	1554.1496	3106.3078	1553.6576	27
13	1696.5485	848.7779	1679.5220	840.2646	1678.5380	839.7726	V	3027.2656	1514.1365	3010.2391	1505.6232	3009.2551	1505.1312	26
14	1811.5755	906.2914	1794.5489	897.7781	1793.5649	897.2861	D	2928.1972	1464.6022	2911.1707	1456.0890	2910.1867	1455.5970	25
15	1925.6184	963.3128	1908.5919	954.7996	1907.6078	954.3076	N	2813.1703	1407.0888	2796.1437	1398.5755	2795.1597	1398.0835	24
16	2040.6453	1020.8263	2023.6188	1012.3130	2022.6348	1011.8210	D	2699.1274	1350.0673	2682.1008	1341.5540	2681.1168	1341.0620	23
17	2155.6723	1078.3398	2138.6457	1069.8265	2137.6617	1069.3345	D	2584.1004	1292.5538	2567.0739	1284.0406	2566.0898	1283.5486	22
18	2270.6992	1135.8533	2253.6727	1127.3400	2252.6887	1126.8480	D	2469.0735	1235.0404	2452.0469	1226.5271	2451.0629	1226.0351	21
19	2384.7422	1192.8747	2367.7156	1184.3614	2366.7316	1183.8694	N	2354.0465	1177.5269	2337.0200	1169.0136	2336.0360	1168.5216	20
20	2627.7718	1314.3895	2610.7453	1305.8763	2609.7612	1305.3843	Y	2240.0036	1120.5054	2222.9770	1111.9922	2221.9930	1111.5002	19
21	2740.8559	1370.9316	2723.8293	1362.4183	2722.8453	1361.9263	I	1996.9739	998.9906	1979.9474	990.4773	1978.9634	989.9853	18
22	2869.8985	1435.4529	2852.8719	1426.9396	2851.8879	1426.4476	E	1883.8899	942.4486	1866.8633	933.9353	1865.8793	933.4433	17
23	2966.9512	1483.9793	2949.9247	1475.4660	2948.9407	1474.9740	P	1754.8473	877.9273	1737.8207	869.4140	1736.8367	868.9220	16
24	3067.9989	1534.5031	3050.9724	1525.9898	3049.9883	1525.4978	T	1657.7945	829.4009	1640.7680	820.8876	1639.7840	820.3956	15
25	3197.0415	1599.0244	3180.0150	1590.5111	3179.0309	1590.0191	E	1556.7468	778.8771	1539.7203	770.3638	1538.7363	769.8718	14
26	3284.0735	1642.5404	3267.0470	1634.0271	3266.0630	1633.5351	S	1427.7042	714.3558	1410.6777	705.8425	1409.6937	705.3505	13
27	3371.1056	1686.0564	3354.0790	1677.5431	3353.0950	1677.0511	S	1340.6722	670.8397	1323.6457	662.3265	1322.6617	661.8345	12
28	3552.1196	1776.5634	3535.0930	1768.0501	3534.1090	1767.5581	T	1253.6402	627.3237	1236.6136	618.8105	1235.6296	618.3185	11
29	3649.1723	1825.0898	3632.1458	1816.5765	3631.1618	1816.0845	P	1072.6262	536.8167	1055.5996	528.3035			10
30	3746.2251	1873.6162	3729.1985	1865.1029	3728.2145	1864.6109	P	975.5734	488.2904	958.5469	479.7771			9
31	3843.2779	1922.1426	3826.2513	1913.6293	3825.2673	1913.1373	P	878.5207	439.7640	861.4941	431.2507			8

32	3914.3150	1957.6611	3897.2884	1949.1478	3896.3044	1948.6558	A	781.4679	391.2376	764.4413	382.7243			7
33	4042.4099	2021.7086	4025.3834	2013.1953	4024.3994	2012.7033	K	710.4308	355.7190	693.4042	347.2058			6
34	4139.4627	2070.2350	4122.4361	2061.7217	4121.4521	2061.2297	P	582.3358	291.6715	565.3093	283.1583			5
35	4236.5155	2118.7614	4219.4889	2110.2481	4218.5049	2109.7561	P	485.2831	243.1452	468.2565	234.6319			4
36	4335.5839	2168.2956	4318.5573	2159.7823	4317.5733	2159.2903	V	388.2303	194.6188	371.2037	186.1055			3
37	4449.6268	2225.3170	4432.6003	2216.8038	4431.6162	2216.3118	N	289.1619	145.0846	272.1353	136.5713			2
38							R	175.1190	88.0631	158.0924	79.5498			1

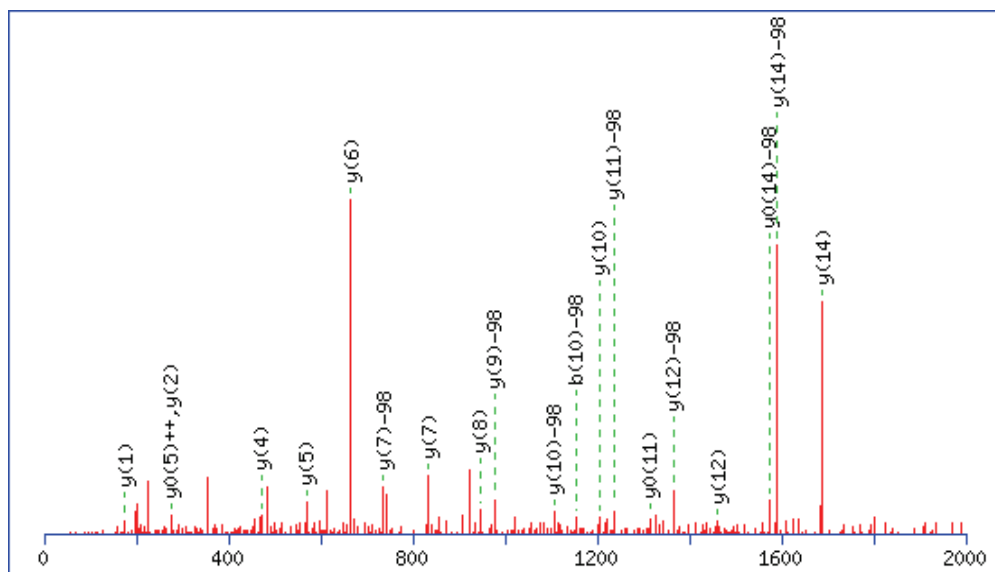
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1272.8329	4	5087.3019	0.0005	62.3	S188	LPLKPRECpSDDDEDNYIVPDNDDNYIEPTESSTPPPAKPPVNR	Carbamidomethyl (C); Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					L							44
2	211.1441	106.0757					P	4877.2483	2439.1278	4860.2217	2430.6145	4859.2377	2430.1225	43
3	324.2282	162.6177					L	4780.1955	2390.6014	4763.1690	2382.0881	4762.1849	2381.5961	42
4	452.3231	226.6652	435.2966	218.1519			K	4667.1114	2334.0594	4650.0849	2325.5461	4649.1009	2325.0541	41
5	549.3759	275.1916	532.3493	266.6783			P	4539.0165	2270.0119	4521.9899	2261.4986	4521.0059	2261.0066	40
6	705.4770	353.2421	688.4505	344.7289			R	4441.9637	2221.4855	4424.9372	2212.9722	4423.9532	2212.4802	39
7	834.5196	417.7634	817.4931	409.2502	816.5090	408.7582	E	4285.8626	2143.4349	4268.8361	2134.9217	4267.8520	2134.4297	38
8	994.5503	497.7788	977.5237	489.2655	976.5397	488.7735	C	4156.8200	2078.9136	4139.7935	2070.4004	4138.8095	2069.9084	37
9	1063.5717	532.2895	1046.5452	523.7762	1045.5611	523.2842	S	3996.7894	1998.8983	3979.7628	1990.3850	3978.7788	1989.8930	36
10	1178.5987	589.8030	1161.5721	581.2897	1160.5881	580.7977	D	3927.7679	1964.3876	3910.7414	1955.8743	3909.7573	1955.3823	35
11	1293.6256	647.3164	1276.5990	638.8032	1275.6150	638.3112	D	3812.7410	1906.8741	3795.7144	1898.3608	3794.7304	1897.8688	34
12	1422.6682	711.8377	1405.6416	703.3245	1404.6576	702.8324	E	3697.7140	1849.3606	3680.6875	1840.8474	3679.7035	1840.3554	33
13	1537.6951	769.3512	1520.6686	760.8379	1519.6846	760.3459	D	3568.6714	1784.8394	3551.6449	1776.3261	3550.6609	1775.8341	32
14	1651.7381	826.3727	1634.7115	817.8594	1633.7275	817.3674	N	3453.6445	1727.3259	3436.6179	1718.8126	3435.6339	1718.3206	31
15	1814.8014	907.9043	1797.7748	899.3911	1796.7908	898.8990	Y	3339.6016	1670.3044	3322.5750	1661.7911	3321.5910	1661.2991	30
16	1927.8855	964.4464	1910.8589	955.9331	1909.8749	955.4411	I	3176.5382	1588.7728	3159.5117	1580.2595	3158.5277	1579.7675	29
17	2026.9539	1013.9806	2009.9273	1005.4673	2008.9433	1004.9753	V	3063.4542	1532.2307	3046.4276	1523.7174	3045.4436	1523.2254	28
18	2124.0066	1062.5070	2106.9801	1053.9937	2105.9961	1053.5017	P	2964.3858	1482.6965	2947.3592	1474.1832	2946.3752	1473.6912	27
19	2223.0750	1112.0412	2206.0485	1103.5279	2205.0645	1103.0359	V	2867.3330	1434.1701	2850.3064	1425.6569	2849.3224	1425.1648	26
20	2338.1020	1169.5546	2321.0754	1161.0414	2320.0914	1160.5493	D	2768.2646	1384.6359	2751.2380	1376.1226	2750.2540	1375.6306	25
21	2452.1449	1226.5761	2435.1184	1218.0628	2434.1343	1217.5708	N	2653.2376	1327.1225	2636.2111	1318.6092	2635.2271	1318.1172	24
22	2567.1719	1284.0896	2550.1453	1275.5763	2549.1613	1275.0843	D	2539.1947	1270.1010	2522.1682	1261.5877	2521.1841	1261.0957	23
23	2682.1988	1341.6030	2665.1722	1333.0898	2664.1882	1332.5978	D	2424.1678	1212.5875	2407.1412	1204.0742	2406.1572	1203.5822	22
24	2797.2257	1399.1165	2780.1992	1390.6032	2779.2152	1390.1112	D	2309.1408	1155.0740	2292.1143	1146.5608	2291.1303	1146.0688	21
25	2911.2687	1456.1380	2894.2421	1447.6247	2893.2581	1447.1327	N	2194.1139	1097.5606	2177.0873	1089.0473	2176.1033	1088.5553	20
26	3074.3320	1537.6696	3057.3054	1529.1564	3056.3214	1528.6644	Y	2080.0709	1040.5391	2063.0444	1032.0258	2062.0604	1031.5338	19
27	3187.4161	1594.2117	3170.3895	1585.6984	3169.4055	1585.2064	I	1917.0076	959.0074	1899.9811	950.4942	1898.9971	950.0022	18
28	3316.4587	1658.7330	3299.4321	1650.2197	3298.4481	1649.7277	E	1803.9236	902.4654	1786.8970	893.9521	1785.9130	893.4601	17
29	3413.5114	1707.2593	3396.4849	1698.7461	3395.5009	1698.2541	P	1674.8810	837.9441	1657.8544	829.4308	1656.8704	828.9388	16
30	3514.5591	1757.7832	3497.5325	1749.2699	3496.5485	1748.7779	T	1577.8282	789.4177	1560.8016	780.9045	1559.8176	780.4125	15
31	3643.6017	1822.3045	3626.5751	1813.7912	3625.5911	1813.2992	E	1476.7805	738.8939	1459.7540	730.3806	1458.7700	729.8886	14

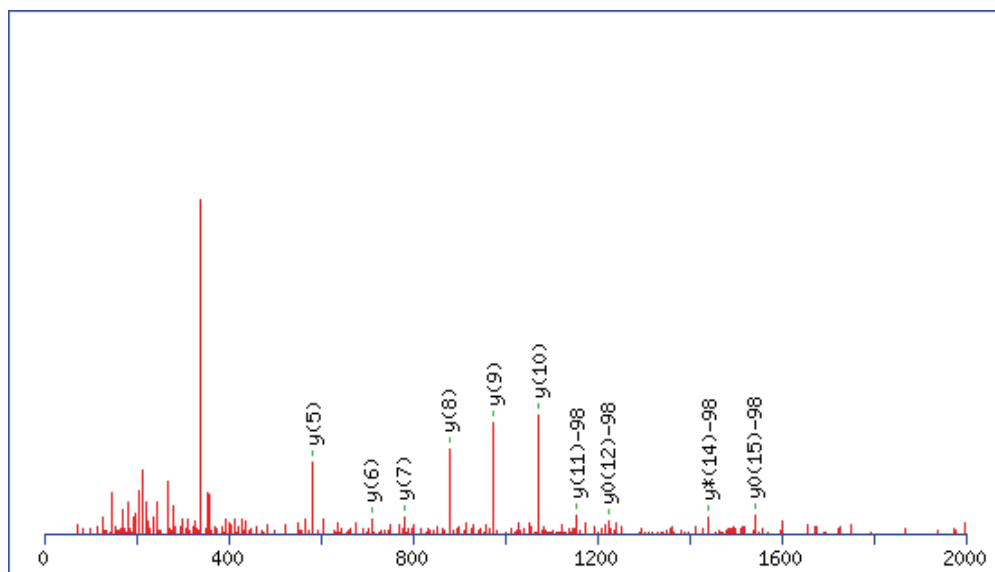
32	3730.6337	1865.8205	3713.6072	1857.3072	3712.6232	1856.8152	S	1347.7379	674.3726	1330.7114	665.8593	1329.7274	665.3673	13
33	3817.6657	1909.3365	3800.6392	1900.8232	3799.6552	1900.3312	S	1260.7059	630.8566	1243.6793	622.3433	1242.6953	621.8513	12
34	3918.7134	1959.8604	3901.6869	1951.3471	3900.7029	1950.8551	T	1173.6739	587.3406	1156.6473	578.8273	1155.6633	578.3353	11
35	4015.7662	2008.3867	3998.7396	1999.8735	3997.7556	1999.3815	P	1072.6262	536.8167	1055.5996	528.3035			10
36	4112.8190	2056.9131	4095.7924	2048.3998	4094.8084	2047.9078	P	975.5734	488.2904	958.5469	479.7771			9
37	4209.8717	2105.4395	4192.8452	2096.9262	4191.8612	2096.4342	P	878.5207	439.7640	861.4941	431.2507			8
38	4280.9088	2140.9581	4263.8823	2132.4448	4262.8983	2131.9528	A	781.4679	391.2376	764.4413	382.7243			7
39	4409.0038	2205.0055	4391.9772	2196.4923	4390.9932	2196.0003	K	710.4308	355.7190	693.4042	347.2058			6
40	4506.0566	2253.5319	4489.0300	2245.0186	4488.0460	2244.5266	P	582.3358	291.6715	565.3093	283.1583			5
41	4603.1093	2302.0583	4586.0828	2293.5450	4585.0988	2293.0530	P	485.2831	243.1452	468.2565	234.6319			4
42	4702.1777	2351.5925	4685.1512	2343.0792	4684.1672	2342.5872	V	388.2303	194.6188	371.2037	186.1055			3
43	4816.2207	2408.6140	4799.1941	2400.1007	4798.2101	2399.6087	N	289.1619	145.0846	272.1353	136.5713			2
44							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
958.9279	2	1915.8452	-0.0039	52.23	S259	EVPEEEEEELpSPPPVTR	Phospho (ST)



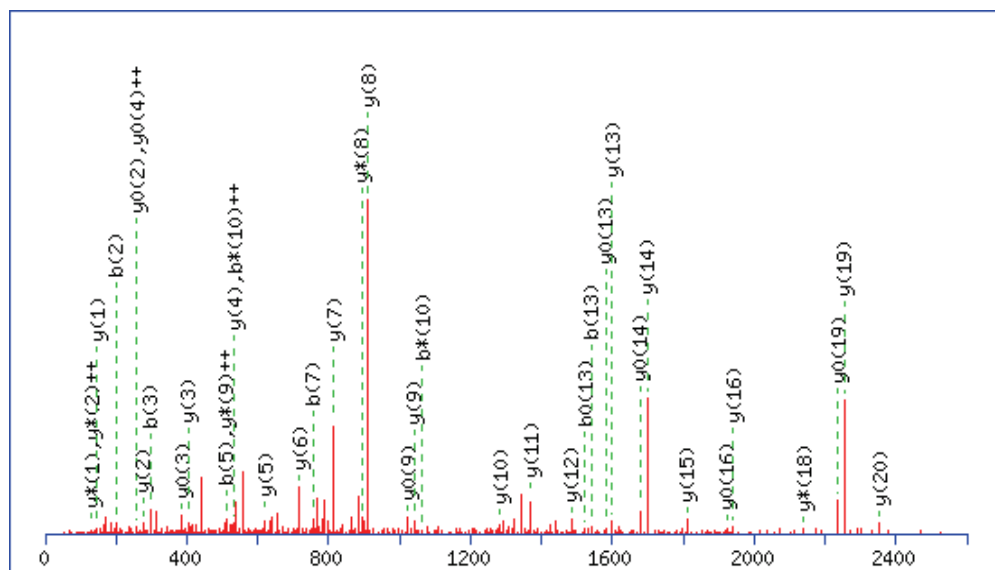
#	b	b ⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286	112.0393	56.5233	E							16
2	229.1183	115.0628	211.1077	106.0575	V	1689.8330	845.4201	1672.8065	836.9069	1671.8224	836.4149	15
3	326.1710	163.5892	308.1605	154.5839	P	1590.7646	795.8859	1573.7380	787.3727	1572.7540	786.8806	14
4	455.2136	228.1105	437.2031	219.1052	E	1493.7118	747.3595	1476.6853	738.8463	1475.7013	738.3543	13
5	584.2562	292.6318	566.2457	283.6265	E	1364.6692	682.8383	1347.6427	674.3250	1346.6587	673.8330	12
6	713.2988	357.1531	695.2883	348.1478	E	1235.6266	618.3170	1218.6001	609.8037	1217.6161	609.3117	11
7	842.3414	421.6743	824.3309	412.6691	E	1106.5840	553.7957	1089.5575	545.2824	1088.5735	544.7904	10
8	971.3840	486.1956	953.3734	477.1904	E	977.5415	489.2744	960.5149	480.7611	959.5309	480.2691	9
9	1084.4681	542.7377	1066.4575	533.7324	L	848.4989	424.7531	831.4723	416.2398	830.4883	415.7478	8
10	1153.4895	577.2484	1135.4790	568.2431	S	735.4148	368.2110	718.3882	359.6978	717.4042	359.2058	7
11	1250.5423	625.7748	1232.5317	616.7695	P	666.3933	333.7003	649.3668	325.1870	648.3828	324.6950	6
12	1347.5951	674.3012	1329.5845	665.2959	P	569.3406	285.1739	552.3140	276.6607	551.3300	276.1686	5
13	1444.6478	722.8276	1426.6373	713.8223	P	472.2878	236.6475	455.2613	228.1343	454.2772	227.6423	4
14	1543.7162	772.3618	1525.7057	763.3565	V	375.2350	188.1212	358.2085	179.6079	357.2245	179.1159	3
15	1644.7639	822.8856	1626.7534	813.8803	T	276.1666	138.5870	259.1401	130.0737	258.1561	129.5817	2
16					R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
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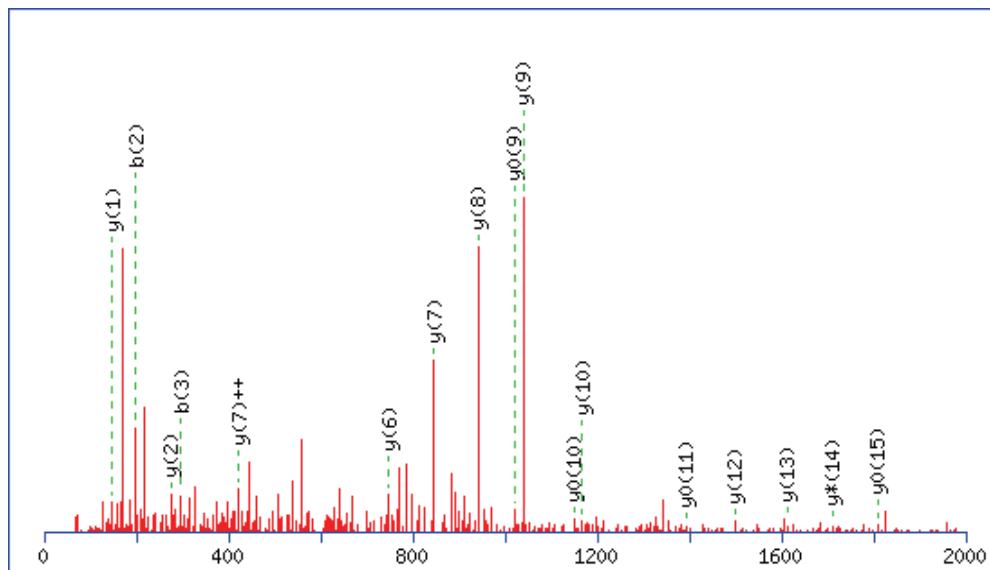
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							18
2	243.1339	122.0706			225.1234	113.0653	E	1785.9130	893.4601	1768.8864	884.9469	1767.9024	884.4548	17
3	340.1867	170.5970			322.1761	161.5917	P	1656.8704	828.9388	1639.8438	820.4256	1638.8598	819.9336	16
4	441.2344	221.1208			423.2238	212.1155	T	1559.8176	780.4125	1542.7911	771.8992	1541.8071	771.4072	15
5	570.2770	285.6421			552.2664	276.6368	E	1458.7699	729.8886	1441.7434	721.3753	1440.7594	720.8833	14
6	657.3090	329.1581			639.2984	320.1529	S	1329.7274	665.3673	1312.7008	656.8540	1311.7168	656.3620	13
7	744.3410	372.6742			726.3305	363.6689	S	1242.6953	621.8513	1225.6688	613.3380	1224.6848	612.8460	12
8	827.3781	414.1927			809.3676	405.1874	T	1155.6633	578.3353	1138.6367	569.8220	1137.6527	569.3300	11
9	924.4309	462.7191			906.4203	453.7138	P	1072.6262	536.8167	1055.5996	528.3035			10
10	1021.4837	511.2455			1003.4731	502.2402	P	975.5734	488.2904	958.5469	479.7771			9
11	1118.5364	559.7719			1100.5259	550.7666	P	878.5207	439.7640	861.4941	431.2507			8
12	1189.5735	595.2904			1171.5630	586.2851	A	781.4679	391.2376	764.4413	382.7243			7
13	1317.6685	659.3379	1300.6420	650.8246	1299.6579	650.3326	K	710.4308	355.7190	693.4042	347.2058			6
14	1414.7213	707.8643	1397.6947	699.3510	1396.7107	698.8590	P	582.3358	291.6715	565.3093	283.1583			5
15	1511.7740	756.3907	1494.7475	747.8774	1493.7635	747.3854	P	485.2831	243.1452	468.2565	234.6319			4
16	1610.8424	805.9249	1593.8159	797.4116	1592.8319	796.9196	V	388.2303	194.6188	371.2037	186.1055			3
17	1724.8854	862.9463	1707.8588	854.4330	1706.8748	853.9410	N	289.1619	145.0846	272.1353	136.5713			2
18							R	175.1190	88.0631	158.0924	79.5498			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1226.5006	2	2451.0002	-0.0136	91.13	Y115	VVPSEENPDDSpYEPPPPSEQEK	Phospho (Y)



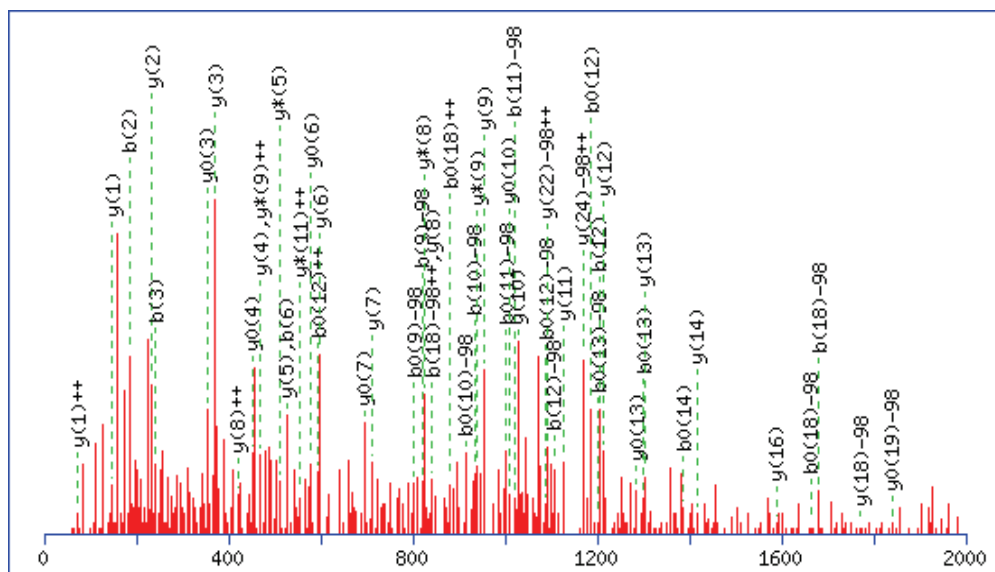
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							21
2	199.1441	100.0757					V	2352.9391	1176.9732	2335.9126	1168.4599	2334.9286	1167.9679	20
3	296.1969	148.6021					P	2253.8707	1127.4390	2236.8442	1118.9257	2235.8602	1118.4337	19
4	383.2289	192.1181			365.2183	183.1128	S	2156.8180	1078.9126	2139.7914	1070.3993	2138.8074	1069.9073	18
5	512.2715	256.6394			494.2609	247.6341	E	2069.7859	1035.3966	2052.7594	1026.8833	2051.7754	1026.3913	17
6	641.3141	321.1607			623.3035	312.1554	E	1940.7433	970.8753	1923.7168	962.3620	1922.7328	961.8700	16
7	755.3570	378.1821	738.3305	369.6689	737.3464	369.1769	N	1811.7007	906.3540	1794.6742	897.8407	1793.6902	897.3487	15
8	852.4098	426.7085	835.3832	418.1953	834.3992	417.7032	P	1697.6578	849.3325	1680.6313	840.8193	1679.6472	840.3273	14
9	967.4367	484.2220	950.4102	475.7087	949.4262	475.2167	D	1600.6050	800.8062	1583.5785	792.2929	1582.5945	791.8009	13
10	1082.4637	541.7355	1065.4371	533.2222	1064.4531	532.7302	D	1485.5781	743.2927	1468.5516	734.7794	1467.5675	734.2874	12
11	1169.4957	585.2515	1152.4691	576.7382	1151.4851	576.2462	S	1370.5512	685.7792	1353.5246	677.2659	1352.5406	676.7739	11
12	1412.5253	706.7663	1395.4988	698.2530	1394.5148	697.7610	Y	1283.5191	642.2632	1266.4926	633.7499	1265.5086	633.2579	10
13	1541.5679	771.2876	1524.5414	762.7743	1523.5574	762.2823	E	1040.4895	520.7484	1023.4629	512.2351	1022.4789	511.7431	9
14	1638.6207	819.8140	1621.5941	811.3007	1620.6101	810.8087	P	911.4469	456.2271	894.4203	447.7138	893.4363	447.2218	8
15	1735.6735	868.3404	1718.6469	859.8271	1717.6629	859.3351	P	814.3941	407.7007	797.3676	399.1874	796.3836	398.6954	7
16	1832.7262	916.8668	1815.6997	908.3535	1814.7157	907.8615	P	717.3414	359.1743	700.3148	350.6610	699.3308	350.1690	6
17	1919.7583	960.3828	1902.7317	951.8695	1901.7477	951.3775	S	620.2886	310.6479	603.2620	302.1347	602.2780	301.6427	5
18	2048.8008	1024.9041	2031.7743	1016.3908	2030.7903	1015.8988	E	533.2566	267.1319	516.2300	258.6186	515.2460	258.1266	4
19	2176.8594	1088.9334	2159.8329	1080.4201	2158.8489	1079.9281	Q	404.2140	202.6106	387.1874	194.0974	386.2034	193.6053	3
20	2305.9020	1153.4546	2288.8755	1144.9414	2287.8915	1144.4494	E	276.1554	138.5813	259.1288	130.0681	258.1448	129.5761	2
21							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
860.6979	3	2579.0952	-0.0233	17.55	Y115	VVPSEENPDDSpYEPPPEQEKK	Phospho (Y)



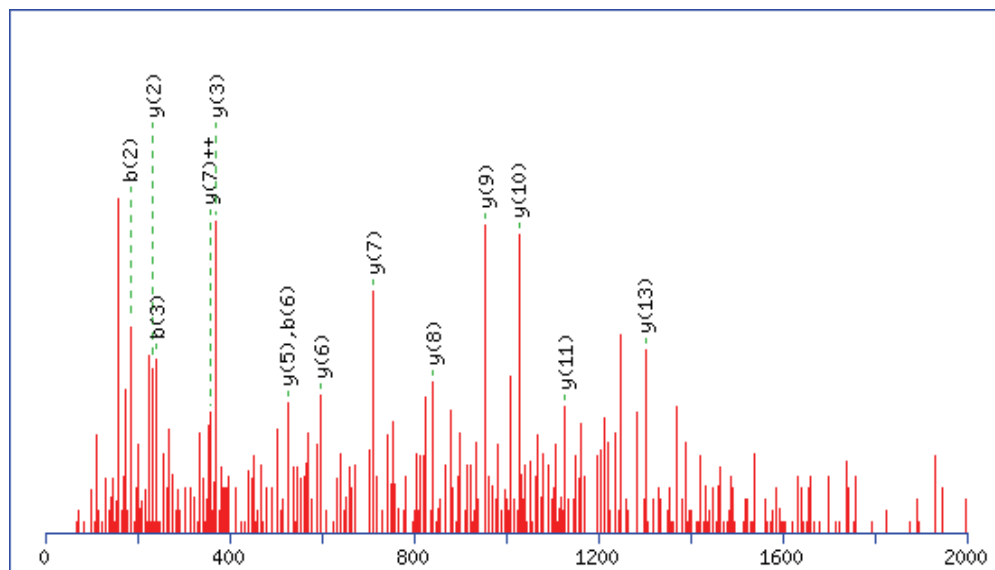
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							22
2	199.1441	100.0757					V	2481.0341	1241.0207	2464.0075	1232.5074	2463.0235	1232.0154	21
3	296.1969	148.6021					P	2381.9657	1191.4865	2364.9391	1182.9732	2363.9551	1182.4812	20
4	383.2289	192.1181			365.2183	183.1128	S	2284.9129	1142.9601	2267.8864	1134.4468	2266.9024	1133.9548	19
5	512.2715	256.6394			494.2609	247.6341	E	2197.8809	1099.4441	2180.8543	1090.9308	2179.8703	1090.4388	18
6	641.3141	321.1607			623.3035	312.1554	E	2068.8383	1034.9228	2051.8117	1026.4095	2050.8277	1025.9175	17
7	755.3570	378.1821	738.3305	369.6689	737.3464	369.1769	N	1939.7957	970.4015	1922.7692	961.8882	1921.7851	961.3962	16
8	852.4098	426.7085	835.3832	418.1953	834.3992	417.7032	P	1825.7528	913.3800	1808.7262	904.8668	1807.7422	904.3747	15
9	967.4367	484.2220	950.4102	475.7087	949.4262	475.2167	D	1728.7000	864.8536	1711.6735	856.3404	1710.6894	855.8484	14
10	1082.4637	541.7355	1065.4371	533.2222	1064.4531	532.7302	D	1613.6731	807.3402	1596.6465	798.8269	1595.6625	798.3349	13
11	1169.4957	585.2515	1152.4691	576.7382	1151.4851	576.2462	S	1498.6461	749.8267	1481.6196	741.3134	1480.6356	740.8214	12
12	1412.5253	706.7663	1395.4988	698.2530	1394.5148	697.7610	Y	1411.6141	706.3107	1394.5875	697.7974	1393.6035	697.3054	11
13	1541.5679	771.2876	1524.5414	762.7743	1523.5574	762.2823	E	1168.5844	584.7959	1151.5579	576.2826	1150.5739	575.7906	10
14	1638.6207	819.8140	1621.5941	811.3007	1620.6101	810.8087	P	1039.5419	520.2746	1022.5153	511.7613	1021.5313	511.2693	9
15	1735.6735	868.3404	1718.6469	859.8271	1717.6629	859.3351	P	942.4891	471.7482	925.4625	463.2349	924.4785	462.7429	8
16	1832.7262	916.8668	1815.6997	908.3535	1814.7157	907.8615	P	845.4363	423.2218	828.4098	414.7085	827.4258	414.2165	7
17	1919.7583	960.3828	1902.7317	951.8695	1901.7477	951.3775	S	748.3836	374.6954	731.3570	366.1821	730.3730	365.6901	6
18	2048.8008	1024.9041	2031.7743	1016.3908	2030.7903	1015.8988	E	661.3515	331.1794	644.3250	322.6661	643.3410	322.1741	5
19	2176.8594	1088.9334	2159.8329	1080.4201	2158.8489	1079.9281	Q	532.3089	266.6581	515.2824	258.1448	514.2984	257.6528	4
20	2305.9020	1153.4546	2288.8755	1144.9414	2287.8915	1144.4494	E	404.2504	202.6288	387.2238	194.1155	386.2398	193.6235	3
21	2433.9970	1217.5021	2416.9704	1208.9889	2415.9864	1208.4968	K	275.2078	138.1075	258.1812	129.5942			2
22							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
874.0619	3	2619.1814	-0.0175	29.84		ALG(s)(s)PH(s)(s)I(s)(s)I(s)(s)(t)ADQDAGVHSK	Phospho (ST)



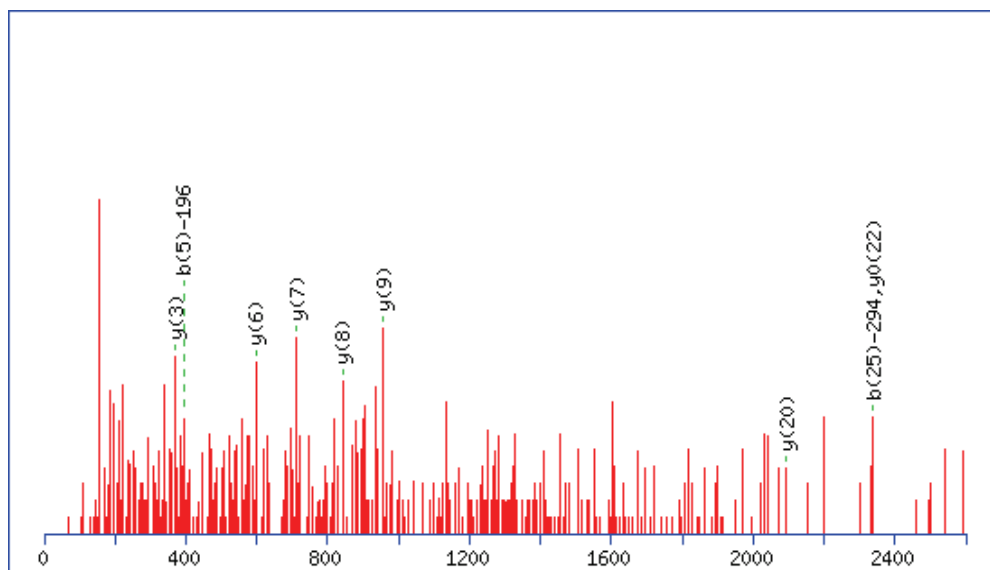
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2451.1746	1226.0910	2434.1481	1217.5777	2433.1641	1217.0857	25
3	242.1499	121.5786					G	2338.0906	1169.5489	2321.0640	1161.0356	2320.0800	1160.5436	24
4	343.1976	172.1024			325.1870	163.0972	T	2281.0691	1141.0382	2264.0426	1132.5249	2263.0585	1132.0329	23
5	430.2296	215.6185			412.2191	206.6132	S	2180.0214	1090.5143	2162.9949	1082.0011	2162.0109	1081.5091	22
6	527.2824	264.1448			509.2718	255.1396	P	2092.9894	1046.9983	2075.9628	1038.4851	2074.9788	1037.9931	21
7	664.3413	332.6743			646.3307	323.6690	H	1995.9366	998.4720	1978.9101	989.9587	1977.9261	989.4667	20
8	751.3733	376.1903			733.3628	367.1850	S	1858.8777	929.9425	1841.8512	921.4292	1840.8672	920.9372	19
9	820.3948	410.7010			802.3842	401.6957	S	1771.8457	886.4265	1754.8191	877.9132	1753.8351	877.4212	18
10	933.4788	467.2431			915.4683	458.2378	I	1702.8242	851.9158	1685.7977	843.4025	1684.8137	842.9105	17
11	1020.5109	510.7591			1002.5003	501.7538	S	1589.7402	795.3737	1572.7136	786.8604	1571.7296	786.3684	16
12	1107.5429	554.2751			1089.5323	545.2698	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1220.6270	610.8171			1202.6164	601.8118	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1307.6590	654.3331			1289.6484	645.3279	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1394.6910	697.8492			1376.6805	688.8439	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1495.7387	748.3730			1477.7281	739.3677	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1566.7758	783.8915			1548.7653	774.8863	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1681.8028	841.4050			1663.7922	832.3997	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1809.8613	905.4343	1792.8348	896.9210	1791.8508	896.4290	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1924.8883	962.9478	1907.8617	954.4345	1906.8777	953.9425	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1995.9254	998.4663	1978.8988	989.9531	1977.9148	989.4611	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2052.9469	1026.9771	2035.9203	1018.4638	2034.9363	1017.9718	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2152.0153	1076.5113	2134.9887	1067.9980	2134.0047	1067.5060	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2289.0742	1145.0407	2272.0476	1136.5275	2271.0636	1136.0354	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2376.1062	1188.5567	2359.0797	1180.0435	2358.0956	1179.5515	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
900.714	3	2699.1477	-0.0275	32.05		ALG(s)(s)PH(s)(s)I(s)(s)I(s)(t)ADQDAGVHSK	2 Phospho (ST)



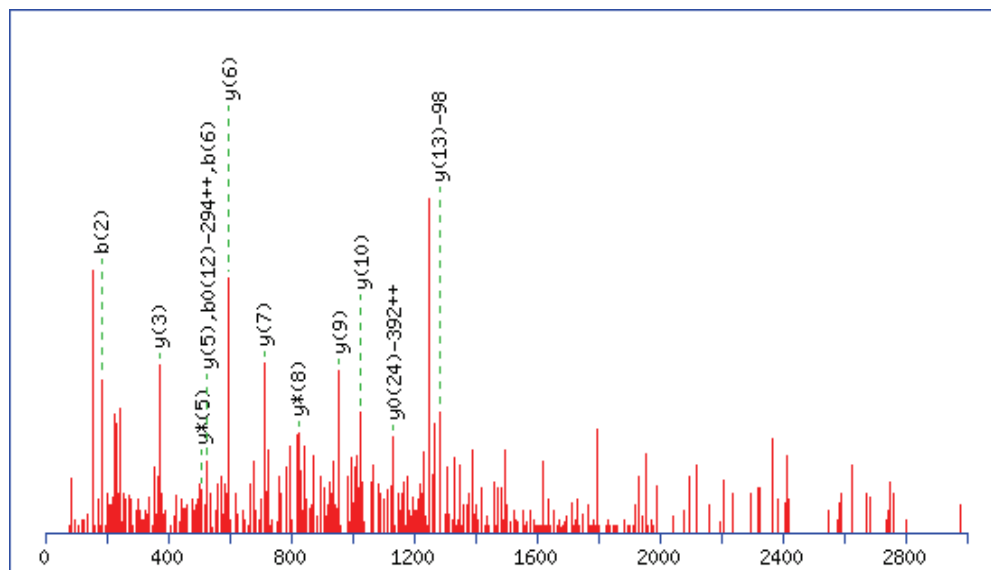
#	b	b ⁺⁺	b [*]	b ^{++*}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{++*}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2433.1641	1217.0857	2416.1375	1208.5724	2415.1535	1208.0804	25
3	242.1499	121.5786					G	2320.0800	1160.5436	2303.0534	1152.0304	2302.0694	1151.5384	24
4	343.1976	172.1024			325.1870	163.0972	T	2263.0585	1132.0329	2246.0320	1123.5196	2245.0480	1123.0276	23
5	430.2296	215.6185			412.2191	206.6132	S	2162.0108	1081.5091	2144.9843	1072.9958	2144.0003	1072.5038	22
6	527.2824	264.1448			509.2718	255.1396	P	2074.9788	1037.9930	2057.9523	1029.4798	2056.9683	1028.9878	21
7	664.3413	332.6743			646.3307	323.6690	H	1977.9261	989.4667	1960.8995	980.9534	1959.9155	980.4614	20
8	751.3733	376.1903			733.3628	367.1850	S	1840.8671	920.9372	1823.8406	912.4239	1822.8566	911.9319	19
9	838.4054	419.7063			820.3948	410.7010	S	1753.8351	877.4212	1736.8086	868.9079	1735.8246	868.4159	18
10	951.4894	476.2483			933.4789	467.2431	I	1666.8031	833.9052	1649.7765	825.3919	1648.7925	824.8999	17
11	1020.5109	510.7591			1002.5003	501.7538	S	1553.7190	777.3632	1536.6925	768.8499	1535.7085	768.3579	16
12	1089.5323	545.2698			1071.5218	536.2645	S	1484.6976	742.8524	1467.6710	734.3391	1466.6870	733.8471	15
13	1202.6164	601.8118			1184.6058	592.8066	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1289.6484	645.3279			1271.6379	636.3226	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1376.6805	688.8439			1358.6699	679.8386	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1477.7281	739.3677			1459.7176	730.3624	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1548.7652	774.8863			1530.7547	765.8810	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1663.7922	832.3997			1645.7816	823.3945	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1791.8508	896.4290	1774.8242	887.9157	1773.8402	887.4237	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1906.8777	953.9425	1889.8512	945.4292	1888.8671	944.9372	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1977.9148	989.4611	1960.8883	980.9478	1959.9043	980.4558	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2034.9363	1017.9718	2017.9097	1009.4585	2016.9257	1008.9665	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2134.0047	1067.5060	2116.9782	1058.9927	2115.9941	1058.5007	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2271.0636	1136.0354	2254.0371	1127.5222	2253.0530	1127.0302	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2358.0956	1179.5515	2341.0691	1171.0382	2340.0851	1170.5462	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
927.3572	3	2779.114	-0.0642	8.12		ALG(s)sPH(s)sI(s)sI(s)s(t)ADQDAGVHSK	3 Phospho (ST)



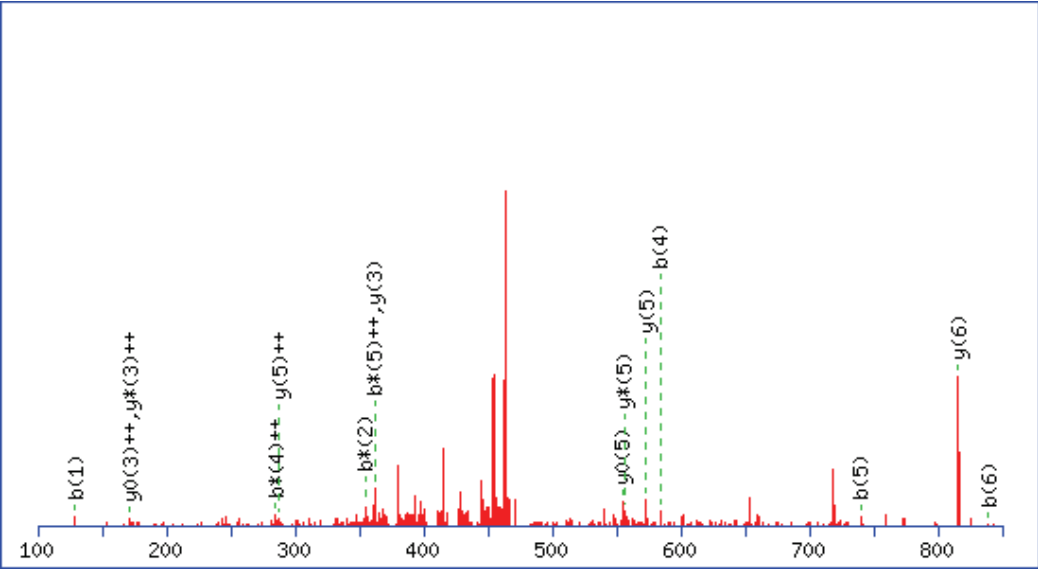
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2709.0842	1355.0457	2692.0576	1346.5324	2691.0736	1346.0404	25
3	242.1499	121.5786					G	2596.0001	1298.5037	2578.9736	1289.9904	2577.9895	1289.4984	24
4	423.1639	212.0856			405.1534	203.0803	T	2538.9786	1269.9930	2521.9521	1261.4797	2520.9681	1260.9877	23
5	590.1623	295.5848			572.1517	286.5795	S	2357.9646	1179.4860	2340.9381	1170.9727	2339.9541	1170.4807	22
6	687.2150	344.1112			669.2045	335.1059	P	2190.9663	1095.9868	2173.9397	1087.4735	2172.9557	1086.9815	21
7	824.2739	412.6406			806.2634	403.6353	H	2093.9135	1047.4604	2076.8870	1038.9471	2075.9030	1038.4551	20
8	991.2723	496.1398			973.2617	487.1345	S	1956.8546	978.9309	1939.8281	970.4177	1938.8440	969.9257	19
9	1078.3043	539.6558			1060.2938	530.6505	S	1789.8563	895.4318	1772.8297	886.9185	1771.8457	886.4265	18
10	1191.3884	596.1978			1173.3778	587.1926	I	1702.8242	851.9158	1685.7977	843.4025	1684.8137	842.9105	17
11	1278.4204	639.7138			1260.4099	630.7086	S	1589.7402	795.3737	1572.7136	786.8604	1571.7296	786.3684	16
12	1365.4524	683.2299			1347.4419	674.2246	S	1502.7081	751.8577	1485.6816	743.3444	1484.6976	742.8524	15
13	1478.5365	739.7719			1460.5259	730.7666	I	1415.6761	708.3417	1398.6496	699.8284	1397.6655	699.3364	14
14	1565.5685	783.2879			1547.5580	774.2826	S	1302.5920	651.7997	1285.5655	643.2864	1284.5815	642.7944	13
15	1652.6006	826.8039			1634.5900	817.7986	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1753.6482	877.3278			1735.6377	868.3225	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1824.6854	912.8463			1806.6748	903.8410	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1939.7123	970.3598			1921.7017	961.3545	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	2067.7709	1034.3891	2050.7443	1025.8758	2049.7603	1025.3838	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	2182.7978	1091.9026	2165.7713	1083.3893	2164.7873	1082.8973	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	2253.8349	1127.4211	2236.8084	1118.9078	2235.8244	1118.4158	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	2310.8564	1155.9318	2293.8299	1147.4186	2292.8458	1146.9266	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2409.9248	1205.4660	2392.8983	1196.9528	2391.9143	1196.4608	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2546.9837	1273.9955	2529.9572	1265.4822	2528.9732	1264.9902	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2634.0158	1317.5115	2616.9892	1308.9982	2616.0052	1308.5062	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
954.0289	3	2859.0803	-0.0155	17.75		ALG(s)sPH(s)sI(s)sI(s)(t)ADQDAGVHSK	4 Phospho (ST)



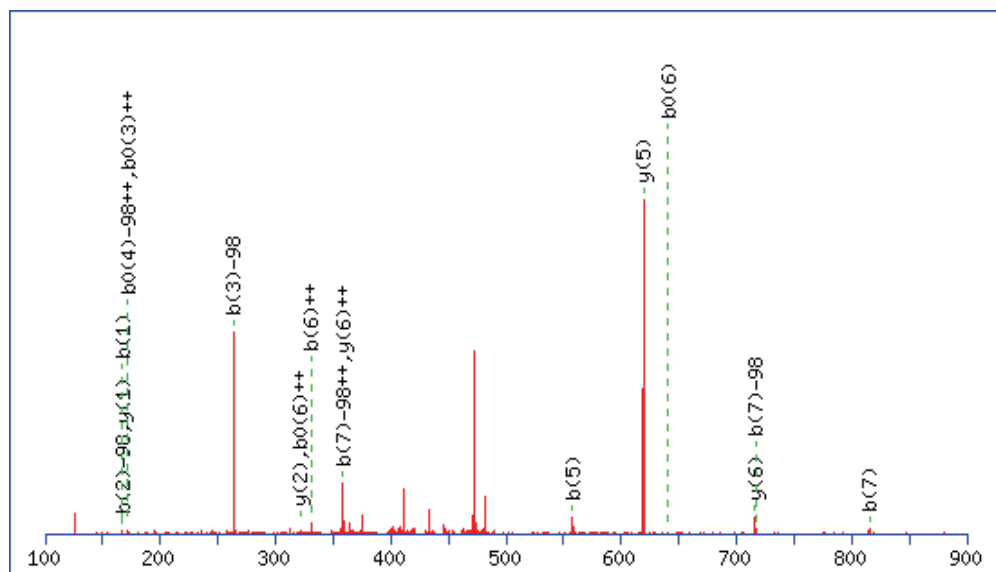
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							26
2	185.1285	93.0679					L	2397.1429	1199.0751	2380.1164	1190.5618	2379.1323	1190.0698	25
3	242.1499	121.5786					G	2284.0588	1142.5331	2267.0323	1134.0198	2266.0483	1133.5278	24
4	343.1976	172.1024			325.1870	163.0972	T	2227.0374	1114.0223	2210.0108	1105.5091	2209.0268	1105.0170	23
5	430.2296	215.6185			412.2191	206.6132	S	2125.9897	1063.4985	2108.9632	1054.9852	2107.9791	1054.4932	22
6	527.2824	264.1448			509.2718	255.1396	P	2038.9577	1019.9825	2021.9311	1011.4692	2020.9471	1010.9772	21
7	664.3413	332.6743			646.3307	323.6690	H	1941.9049	971.4561	1924.8784	962.9428	1923.8943	962.4508	20
8	751.3733	376.1903			733.3628	367.1850	S	1804.8460	902.9266	1787.8195	894.4134	1786.8354	893.9214	19
9	820.3948	410.7010			802.3842	401.6957	S	1717.8140	859.4106	1700.7874	850.8973	1699.8034	850.4053	18
10	933.4788	467.2431			915.4683	458.2378	I	1648.7925	824.8999	1631.7660	816.3866	1630.7820	815.8946	17
11	1002.5003	501.7538			984.4897	492.7485	S	1535.7085	768.3579	1518.6819	759.8446	1517.6979	759.3526	16
12	1071.5218	536.2645			1053.5112	527.2592	S	1466.6870	733.8471	1449.6604	725.3339	1448.6764	724.8419	15
13	1184.6058	592.8066			1166.5953	583.8013	I	1397.6655	699.3364	1380.6390	690.8231	1379.6550	690.3311	14
14	1253.6273	627.3173			1235.6167	618.3120	S	1284.5815	642.7944	1267.5549	634.2811	1266.5709	633.7891	13
15	1340.6593	670.8333			1322.6487	661.8280	S	1215.5600	608.2836	1198.5335	599.7704	1197.5495	599.2784	12
16	1441.7070	721.3571			1423.6964	712.3518	T	1128.5280	564.7676	1111.5014	556.2544	1110.5174	555.7624	11
17	1512.7441	756.8757			1494.7335	747.8704	A	1027.4803	514.2438	1010.4538	505.7305	1009.4697	505.2385	10
18	1627.7710	814.3892			1609.7605	805.3839	D	956.4432	478.7252	939.4167	470.2120	938.4326	469.7200	9
19	1755.8296	878.4184	1738.8031	869.9052	1737.8191	869.4132	Q	841.4163	421.2118	824.3897	412.6985	823.4057	412.2065	8
20	1870.8566	935.9319	1853.8300	927.4186	1852.8460	926.9266	D	713.3577	357.1825	696.3311	348.6692	695.3471	348.1772	7
21	1941.8937	971.4505	1924.8671	962.9372	1923.8831	962.4452	A	598.3307	299.6690	581.3042	291.1557	580.3202	290.6637	6
22	1998.9151	999.9612	1981.8886	991.4479	1980.9046	990.9559	G	527.2936	264.1504	510.2671	255.6372	509.2831	255.1452	5
23	2097.9836	1049.4954	2080.9570	1040.9821	2079.9730	1040.4901	V	470.2722	235.6397	453.2456	227.1264	452.2616	226.6344	4
24	2235.0425	1118.0249	2218.0159	1109.5116	2217.0319	1109.0196	H	371.2037	186.1055	354.1772	177.5922	353.1932	177.1002	3
25	2322.0745	1161.5409	2305.0479	1153.0276	2304.0639	1152.5356	S	234.1448	117.5761	217.1183	109.0628	216.1343	108.5708	2
26							K	147.1128	74.0600	130.0863	65.5468			1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
472.7512	2	943.4892	-0.0014	13.55	Y547	KpYIVRVS	Phospho (Y)



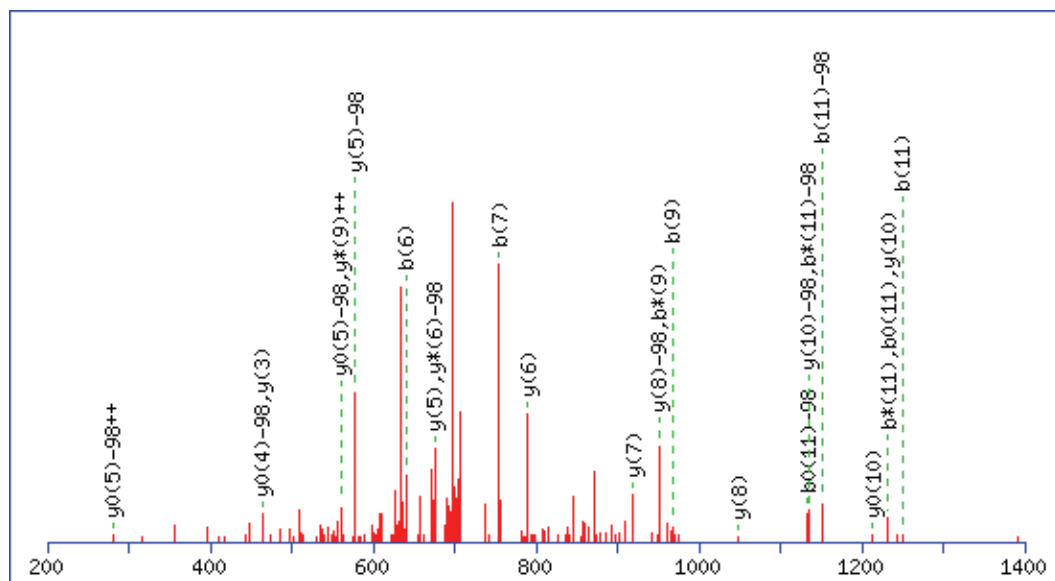
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1	129.1022	65.0548	112.0757	56.5415	K							7
2	372.1319	186.5696	355.1053	178.0563	Y	816.4015	408.7044	799.3750	400.1911	798.3910	399.6991	6
3	485.2160	243.1116	468.1894	234.5983	I	573.3719	287.1896	556.3453	278.6763	555.3613	278.1843	5
4	584.2844	292.6458	567.2578	284.1325	V	460.2878	230.6475	443.2613	222.1343	442.2772	221.6423	4
5	740.3855	370.6964	723.3589	362.1831	R	361.2194	181.1133	344.1928	172.6001	343.2088	172.1081	3
6	839.4539	420.2306	822.4273	411.7173	V	205.1183	103.0628			187.1077	94.0575	2
7					S	106.0499	53.5286			88.0393	44.5233	1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
490.7312	2	979.4528	-0.0049	18.49	S259	SpPPPVTRF	Phospho (ST)



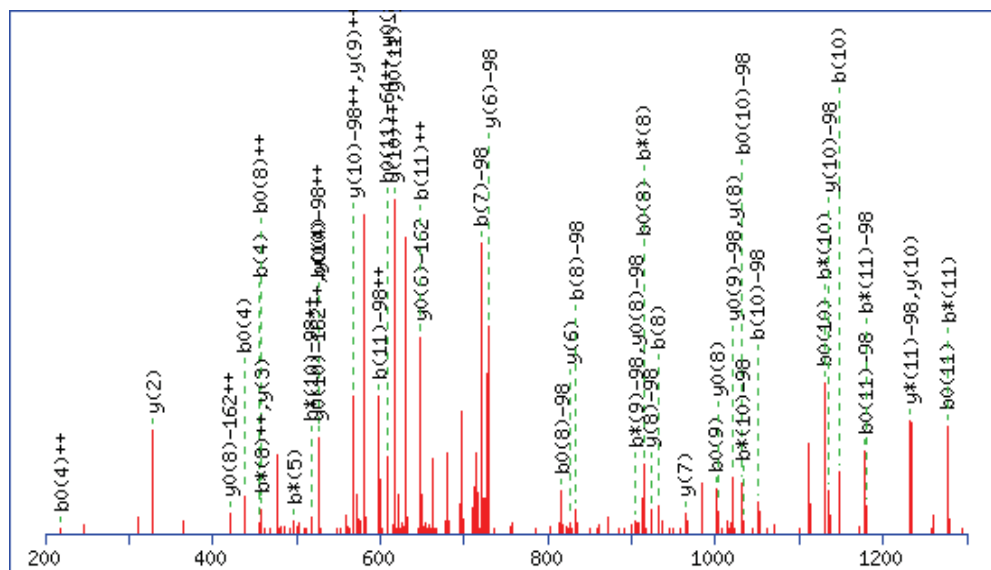
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	168.0056	84.5065			149.9951	75.5012	S							8
2	265.0584	133.0328			247.0478	124.0276	P	813.4618	407.2345	796.4352	398.7212	795.4512	398.2292	7
3	362.1112	181.5592			344.1006	172.5539	P	716.4090	358.7081	699.3824	350.1949	698.3984	349.7028	6
4	459.1639	230.0856			441.1534	221.0803	P	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
5	558.2323	279.6198			540.2218	270.6145	V	522.3035	261.6554	505.2769	253.1421	504.2929	252.6501	4
6	659.2800	330.1436			641.2694	321.1384	T	423.2350	212.1212	406.2085	203.6079	405.2245	203.1159	3
7	815.3811	408.1942	798.3546	399.6809	797.3706	399.1889	R	322.1874	161.5973	305.1608	153.0840			2
8							F	166.0863	83.5468					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
715.7716	2	1429.5286	0	17.99	S114	VVPSEENPDDpSY	Phospho (ST)



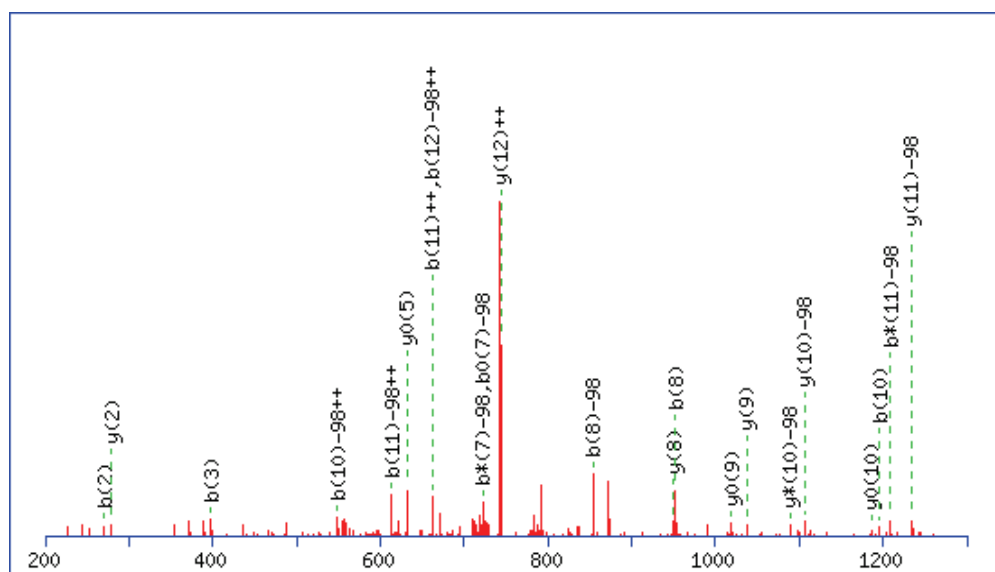
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							12
2	199.1441	100.0757					V	1331.4675	666.2374	1314.4409	657.7241	1313.4569	657.2321	11
3	296.1969	148.6021					P	1232.3991	616.7032	1215.3725	608.1899	1214.3885	607.6979	10
4	383.2289	192.1181			365.2183	183.1128	S	1135.3463	568.1768	1118.3198	559.6635	1117.3357	559.1715	9
5	512.2715	256.6394			494.2609	247.6341	E	1048.3143	524.6608	1031.2877	516.1475	1030.3037	515.6555	8
6	641.3141	321.1607			623.3035	312.1554	E	919.2717	460.1395	902.2451	451.6262	901.2611	451.1342	7
7	755.3570	378.1821	738.3305	369.6689	737.3464	369.1769	N	790.2291	395.6182	773.2026	387.1049	772.2185	386.6129	6
8	852.4098	426.7085	835.3832	418.1953	834.3992	417.7032	P	676.1862	338.5967			658.1756	329.5914	5
9	967.4367	484.2220	950.4102	475.7087	949.4262	475.2167	D	579.1334	290.0703			561.1228	281.0651	4
10	1082.4637	541.7355	1065.4371	533.2222	1064.4531	532.7302	D	464.1065	232.5569			446.0959	223.5516	3
11	1249.4620	625.2346	1232.4355	616.7214	1231.4514	616.2294	S	349.0795	175.0434			331.0690	166.0381	2
12							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence
738.735	2	1475.4548	0.0007	14.77		ENPDGH(s)D(s)EMY



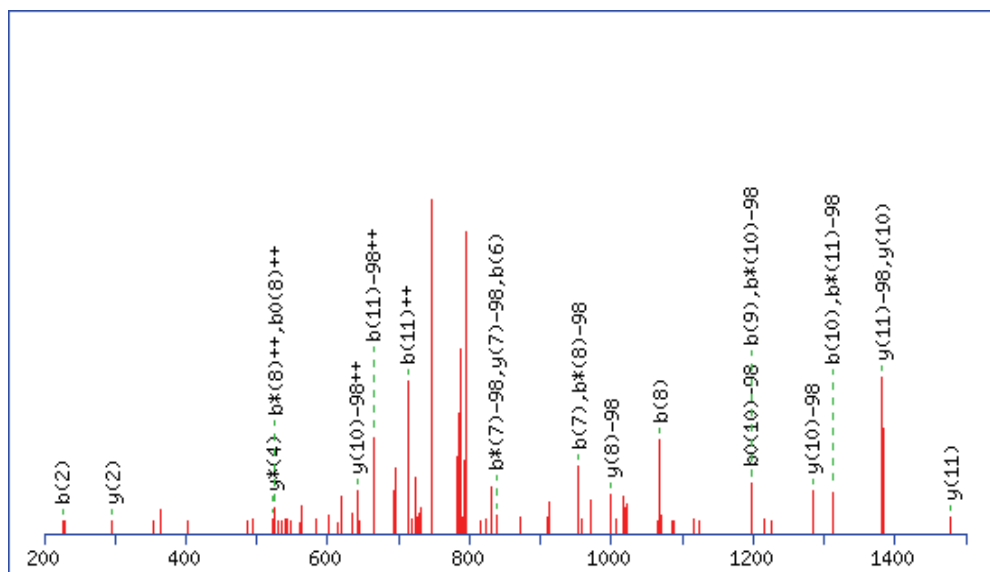
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							12
2	244.0928	122.5500	227.0662	114.0368	226.0822	113.5448	N	1249.4426	625.2249	1232.4161	616.7117	1231.4320	616.2197	11
3	341.1456	171.0764	324.1190	162.5631	323.1350	162.0711	P	1135.3997	568.2035			1117.3891	559.1982	10
4	456.1725	228.5899	439.1460	220.0766	438.1619	219.5846	D	1038.3469	519.6771			1020.3363	510.6718	9
5	513.1940	257.1006	496.1674	248.5873	495.1834	248.0953	G	923.3200	462.1636			905.3094	453.1583	8
6	650.2529	325.6301	633.2263	317.1168	632.2423	316.6248	H	866.2985	433.6529			848.2879	424.6476	7
7	719.2743	360.1408	702.2478	351.6275	701.2638	351.1355	S	729.2396	365.1234			711.2290	356.1182	6
8	834.3013	417.6543	817.2747	409.1410	816.2907	408.6490	D	660.2181	330.6127			642.2076	321.6074	5
9	921.3333	461.1703	904.3068	452.6570	903.3227	452.1650	S	545.1912	273.0992			527.1806	264.0940	4
10	1050.3759	525.6916	1033.3494	517.1783	1032.3653	516.6863	E	458.1592	229.5832			440.1486	220.5779	3
11	1197.4113	599.2093	1180.3848	590.6960	1179.4007	590.2040	M	329.1166	165.0619					2
12							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
801.3751	2	1600.7359	-0.0003	30.57		IRK(s)GQD(s)RQPY	Phospho (ST)



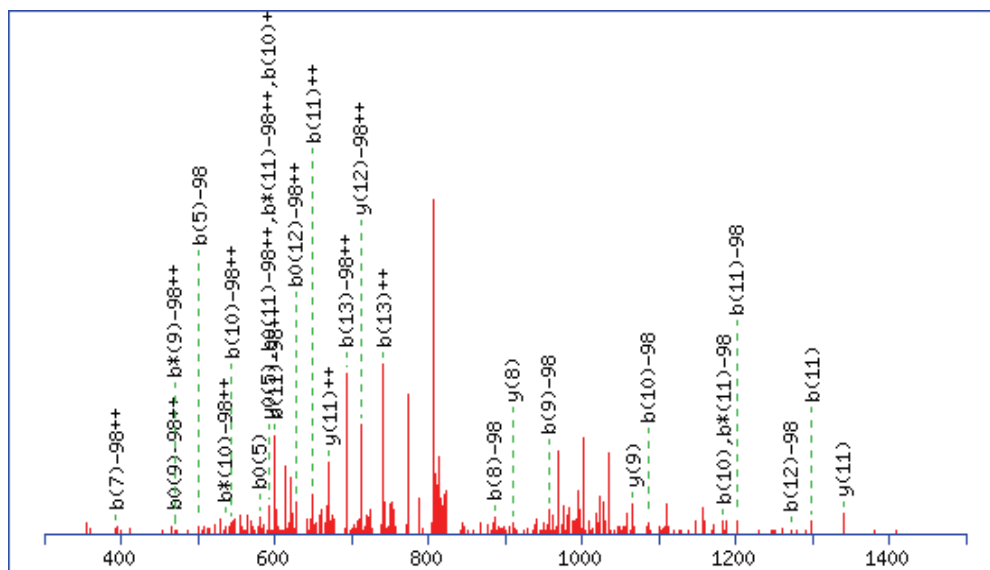
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							13
2	270.1925	135.5999	253.1659	127.0866			R	1390.6822	695.8447	1373.6556	687.3315	1372.6716	686.8395	12
3	398.2874	199.6473	381.2609	191.1341			K	1234.5811	617.7942	1217.5545	609.2809	1216.5705	608.7889	11
4	467.3089	234.1581	450.2823	225.6448	449.2983	225.1528	S	1106.4861	553.7467	1089.4596	545.2334	1088.4756	544.7414	10
5	554.3409	277.6741	537.3143	269.1608	536.3303	268.6688	S	1037.4647	519.2360	1020.4381	510.7227	1019.4541	510.2307	9
6	611.3624	306.1848	594.3358	297.6715	593.3518	297.1795	G	950.4326	475.7200	933.4061	467.2067	932.4221	466.7147	8
7	739.4209	370.2141	722.3944	361.7008	721.4104	361.2088	Q	893.4112	447.2092	876.3846	438.6959	875.4006	438.2039	7
8	854.4479	427.7276	837.4213	419.2143	836.4373	418.7223	D	765.3526	383.1799	748.3260	374.6667	747.3420	374.1747	6
9	941.4799	471.2436	924.4534	462.7303	923.4693	462.2383	S	650.3257	325.6665	633.2991	317.1532	632.3151	316.6612	5
10	1097.5810	549.2941	1080.5545	540.7809	1079.5705	540.2889	R	563.2936	282.1504	546.2671	273.6372			4
11	1225.6396	613.3234	1208.6131	604.8102	1207.6290	604.3182	Q	407.1925	204.0999	390.1660	195.5866			3
12	1322.6924	661.8498	1305.6658	653.3365	1304.6818	652.8445	P	279.1339	140.0706					2
13							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
804.2872	2	1606.5607	-0.0007	20.95	S188	KPREcPSDDEDNY	Carbamidomethyl (C); Phospho (ST)



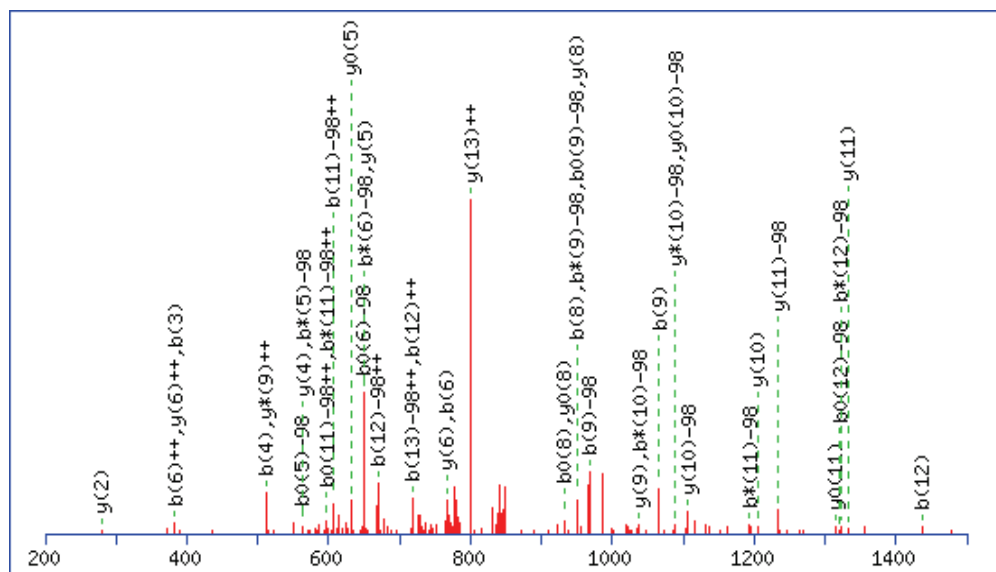
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							12
2	226.1550	113.5811	209.1285	105.0679			P	1479.4730	740.2401	1462.4464	731.7269	1461.4624	731.2349	11
3	382.2561	191.6317	365.2296	183.1184			R	1382.4202	691.7138	1365.3937	683.2005	1364.4097	682.7085	10
4	511.2987	256.1530	494.2722	247.6397	493.2881	247.1477	E	1226.3191	613.6632	1209.2926	605.1499	1208.3086	604.6579	9
5	671.3294	336.1683	654.3028	327.6550	653.3188	327.1630	C	1097.2765	549.1419	1080.2500	540.6286	1079.2660	540.1366	8
6	838.3277	419.6675	821.3012	411.1542	820.3171	410.6622	S	937.2459	469.1266	920.2193	460.6133	919.2353	460.1213	7
7	953.3547	477.1810	936.3281	468.6677	935.3441	468.1757	D	770.2475	385.6274	753.2210	377.1141	752.2370	376.6221	6
8	1068.3816	534.6944	1051.3551	526.1812	1050.3710	525.6892	D	655.2206	328.1139	638.1940	319.6007	637.2100	319.1086	5
9	1197.4242	599.2157	1180.3976	590.7025	1179.4136	590.2105	E	540.1936	270.6005	523.1671	262.0872	522.1831	261.5952	4
10	1312.4511	656.7292	1295.4246	648.2159	1294.4406	647.7239	D	411.1510	206.0792	394.1245	197.5659	393.1405	197.0739	3
11	1426.4941	713.7507	1409.4675	705.2374	1408.4835	704.7454	N	296.1241	148.5657	279.0975	140.0524			2
12							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
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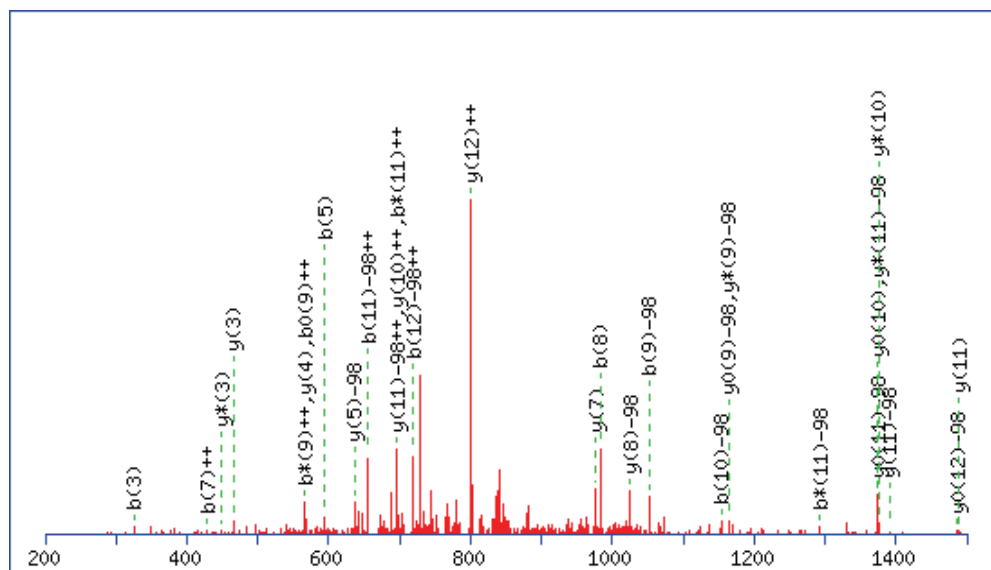
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							14
2	143.0815	72.0444					A	1495.6846	748.3459	1478.6580	739.8326	1477.6740	739.3406	13
3	226.1186	113.5629			208.1080	104.5577	T	1424.6475	712.8274	1407.6209	704.3141	1406.6369	703.8221	12
4	386.1493	193.5783			368.1387	184.5730	C	1341.6103	671.3088	1324.5838	662.7955	1323.5998	662.3035	11
5	501.1762	251.0917			483.1656	242.0865	D	1181.5797	591.2935	1164.5531	582.7802	1163.5691	582.2882	10
6	657.2773	329.1423	640.2508	320.6290	639.2668	320.1370	R	1066.5528	533.7800	1049.5262	525.2667	1048.5422	524.7747	9
7	785.3723	393.1898	768.3457	384.6765	767.3617	384.1845	K	910.4516	455.7295	893.4251	447.2162	892.4411	446.7242	8
8	886.4200	443.7136	869.3934	435.2003	868.4094	434.7083	T	782.3567	391.6820			764.3461	382.6767	7
9	957.4571	479.2322	940.4305	470.7189	939.4465	470.2269	A	681.3090	341.1581			663.2984	332.1529	6
10	1086.4997	543.7535	1069.4731	535.2402	1068.4891	534.7482	E	610.2719	305.6396			592.2613	296.6343	5
11	1201.5266	601.2669	1184.5001	592.7537	1183.5160	592.2617	D	481.2293	241.1183			463.2187	232.1130	4
12	1272.5637	636.7855	1255.5372	628.2722	1254.5532	627.7802	A	366.2023	183.6048					3
13	1385.6478	693.3275	1368.6212	684.8143	1367.6372	684.3223	L	295.1652	148.0863					2
14							Y	182.0812	91.5442					

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
857.9177	2	1713.8199	0.0009	43.94		LIRK(s)GQDSRQPY	Phospho (ST)



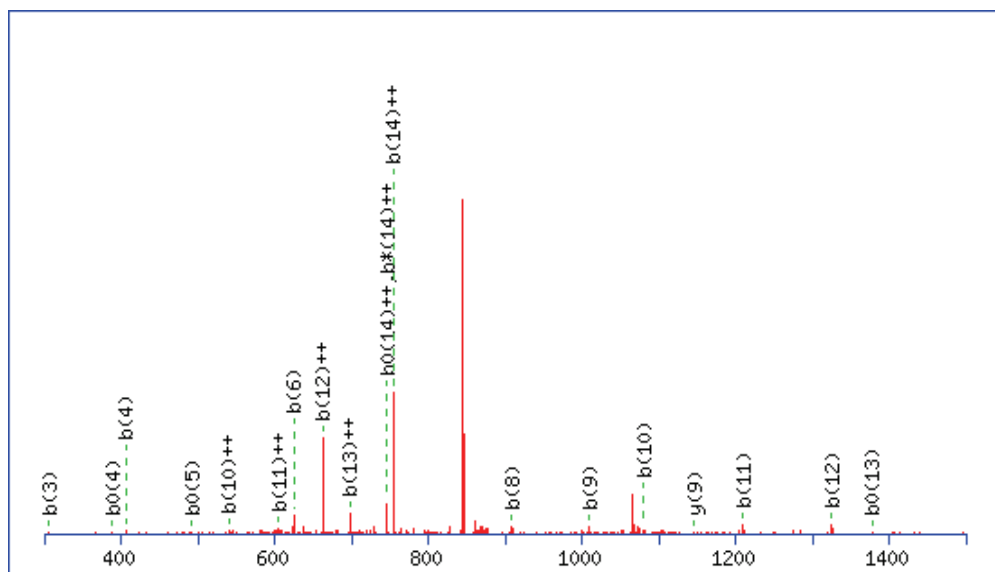
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					L							14
2	227.1754	114.0913					I	1503.7663	752.3868	1486.7397	743.8735	1485.7557	743.3815	13
3	383.2765	192.1419	366.2500	183.6286			R	1390.6822	695.8447	1373.6556	687.3315	1372.6716	686.8395	12
4	511.3715	256.1894	494.3449	247.6761			K	1234.5811	617.7942	1217.5545	609.2809	1216.5705	608.7889	11
5	580.3929	290.7001	563.3664	282.1868	562.3824	281.6948	S	1106.4861	553.7467	1089.4596	545.2334	1088.4756	544.7414	10
6	667.4250	334.2161	650.3984	325.7028	649.4144	325.2108	S	1037.4647	519.2360	1020.4381	510.7227	1019.4541	510.2307	9
7	724.4464	362.7269	707.4199	354.2136	706.4359	353.7216	G	950.4326	475.7200	933.4061	467.2067	932.4221	466.7147	8
8	852.5050	426.7561	835.4785	418.2429	834.4944	417.7509	Q	893.4112	447.2092	876.3846	438.6959	875.4006	438.2039	7
9	967.5319	484.2696	950.5054	475.7563	949.5214	475.2643	D	765.3526	383.1799	748.3260	374.6667	747.3420	374.1747	6
10	1054.5640	527.7856	1037.5374	519.2724	1036.5534	518.7803	S	650.3257	325.6665	633.2991	317.1532	632.3151	316.6612	5
11	1210.6651	605.8362	1193.6385	597.3229	1192.6545	596.8309	R	563.2936	282.1504	546.2671	273.6372			4
12	1338.7237	669.8655	1321.6971	661.3522	1320.7131	660.8602	Q	407.1925	204.0999	390.1660	195.5866			3
13	1435.7764	718.3919	1418.7499	709.8786	1417.7659	709.3866	P	279.1339	140.0706					2
14							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
858.9293	2	1715.8396	0.0044	26.78		NIPIRFIE(s)(t)RQY	Phospho (ST)



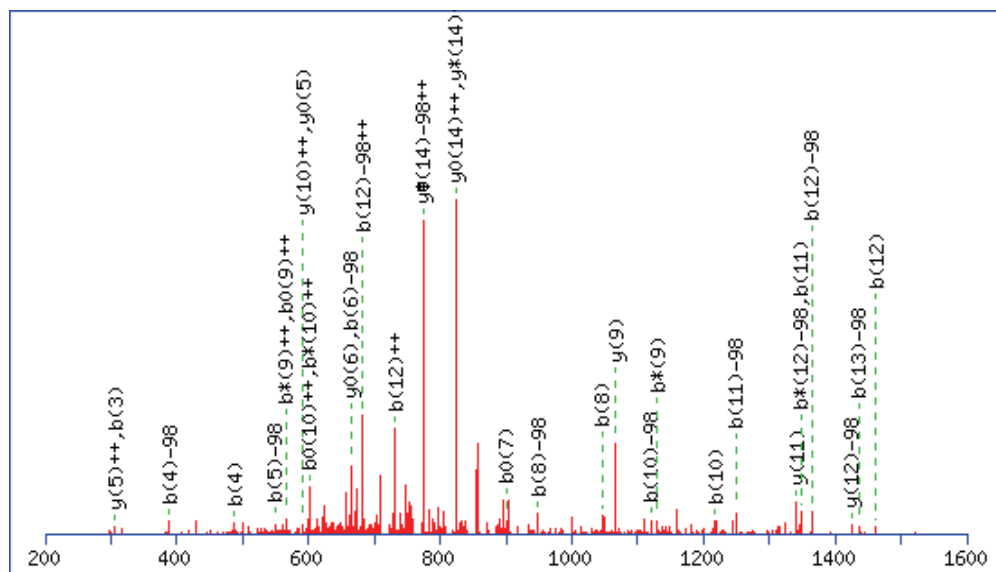
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	115.0502	58.0287	98.0237	49.5155			N							13
2	228.1343	114.5708	211.1077	106.0575			I	1504.8271	752.9172	1487.8005	744.4039	1486.8165	743.9119	12
3	325.1870	163.0972	308.1605	154.5839			P	1391.7430	696.3751	1374.7165	687.8619	1373.7324	687.3699	11
4	438.2711	219.6392	421.2445	211.1259			I	1294.6902	647.8488	1277.6637	639.3355	1276.6797	638.8435	10
5	594.3722	297.6897	577.3457	289.1765			R	1181.6062	591.3067	1164.5796	582.7935	1163.5956	582.3014	9
6	741.4406	371.2239	724.4141	362.7107			F	1025.5051	513.2562	1008.4785	504.7429	1007.4945	504.2509	8
7	854.5247	427.7660	837.4981	419.2527			I	878.4367	439.7220	861.4101	431.2087	860.4261	430.7167	7
8	983.5673	492.2873	966.5407	483.7740	965.5567	483.2820	E	765.3526	383.1799	748.3260	374.6667	747.3420	374.1746	6
9	1052.5887	526.7980	1035.5622	518.2847	1034.5782	517.7927	S	636.3100	318.6586	619.2834	310.1454	618.2994	309.6534	5
10	1153.6364	577.3218	1136.6099	568.8086	1135.6258	568.3166	T	567.2885	284.1479	550.2620	275.6346	549.2780	275.1426	4
11	1309.7375	655.3724	1292.7110	646.8591	1291.7270	646.3671	R	466.2409	233.6241	449.2143	225.1108			3
12	1437.7961	719.4017	1420.7696	710.8884	1419.7855	710.3964	Q	310.1397	155.5735	293.1132	147.0602			2
13							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
885.8699	2	1769.7331	-0.0079	27.03	Y457	YAATCDRKTAEALpY	Phospho (Y)



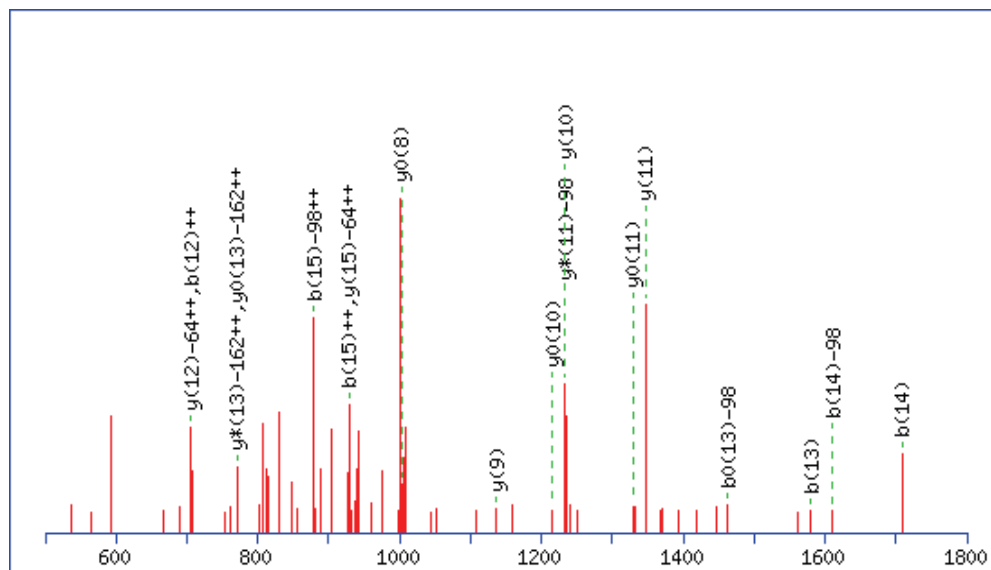
#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	164.0706	82.5389					Y							15
2	235.1077	118.0575					A	1607.6771	804.3422	1590.6506	795.8289	1589.6665	795.3369	14
3	306.1448	153.5761					A	1536.6400	768.8236	1519.6134	760.3104	1518.6294	759.8184	13
4	407.1925	204.0999			389.1819	195.0946	T	1465.6029	733.3051	1448.5763	724.7918	1447.5923	724.2998	12
5	510.2017	255.6045			492.1911	246.5992	C	1364.5552	682.7812	1347.5287	674.2680	1346.5446	673.7760	11
6	625.2286	313.1180			607.2181	304.1127	D	1261.5460	631.2766	1244.5195	622.7634	1243.5355	622.2714	10
7	781.3298	391.1685	764.3032	382.6552	763.3192	382.1632	R	1146.5191	573.7632	1129.4925	565.2499	1128.5085	564.7579	9
8	909.4247	455.2160	892.3982	446.7027	891.4141	446.2107	K	990.4180	495.7126	973.3914	487.1993	972.4074	486.7073	8
9	1010.4724	505.7398	993.4458	497.2266	992.4618	496.7346	T	862.3230	431.6651			844.3124	422.6599	7
10	1081.5095	541.2584	1064.4830	532.7451	1063.4989	532.2531	A	761.2753	381.1413			743.2648	372.1360	6
11	1210.5521	605.7797	1193.5256	597.2664	1192.5415	596.7744	E	690.2382	345.6227			672.2276	336.6175	5
12	1325.5790	663.2932	1308.5525	654.7799	1307.5685	654.2879	D	561.1956	281.1014			543.1851	272.0962	4
13	1396.6162	698.8117	1379.5896	690.2984	1378.6056	689.8064	A	446.1687	223.5880					3
14	1509.7002	755.3537	1492.6737	746.8405	1491.6897	746.3485	L	375.1316	188.0694					2
15							Y	262.0475	131.5274					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
914.3862	2	1826.7546	0.0033	57.04	T451	YAATCDRKpTAEDALY	Carbamidomethyl (C); Phospho (ST)



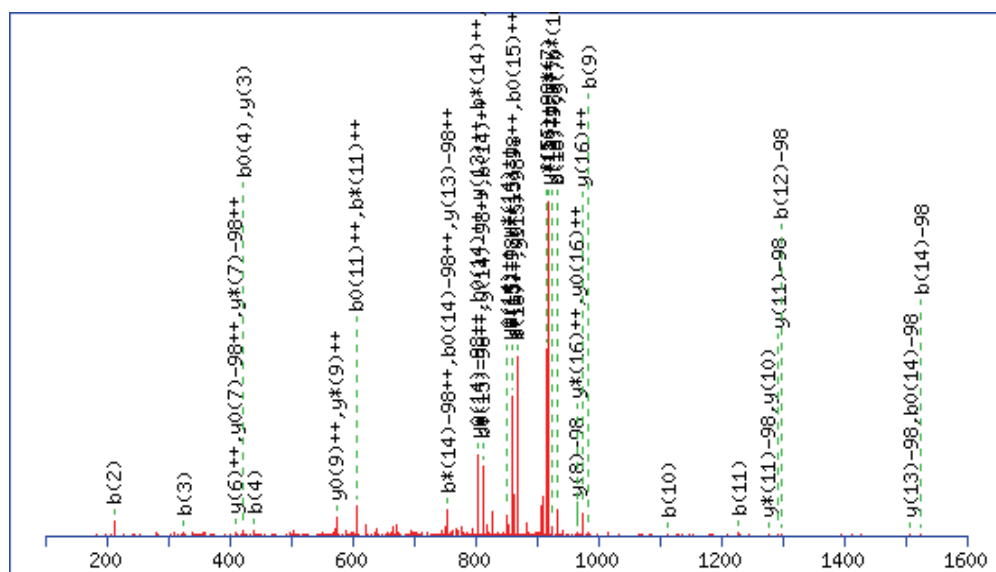
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	164.0706	82.5389					Y							15
2	235.1077	118.0575					A	1566.7217	783.8645	1549.6951	775.3512	1548.7111	774.8592	14
3	306.1448	153.5761					A	1495.6846	748.3459	1478.6580	739.8326	1477.6740	739.3406	13
4	389.1819	195.0946			371.1714	186.0893	T	1424.6475	712.8274	1407.6209	704.3141	1406.6369	703.8221	12
5	549.2126	275.1099			531.2020	266.1047	C	1341.6103	671.3088	1324.5838	662.7955	1323.5998	662.3035	11
6	664.2395	332.6234			646.2290	323.6181	D	1181.5797	591.2935	1164.5531	582.7802	1163.5691	582.2882	10
7	820.3406	410.6740	803.3141	402.1607	802.3301	401.6687	R	1066.5528	533.7800	1049.5262	525.2667	1048.5422	524.7747	9
8	948.4356	474.7214	931.4091	466.2082	930.4250	465.7162	K	910.4516	455.7295	893.4251	447.2162	892.4411	446.7242	8
9	1049.4833	525.2453	1032.4567	516.7320	1031.4727	516.2400	T	782.3567	391.6820			764.3461	382.6767	7
10	1120.5204	560.7638	1103.4939	552.2506	1102.5098	551.7586	A	681.3090	341.1581			663.2984	332.1529	6
11	1249.5630	625.2851	1232.5364	616.7719	1231.5524	616.2799	E	610.2719	305.6396			592.2613	296.6343	5
12	1364.5899	682.7986	1347.5634	674.2853	1346.5794	673.7933	D	481.2293	241.1183			463.2187	232.1130	4
13	1435.6271	718.3172	1418.6005	709.8039	1417.6165	709.3119	A	366.2023	183.6048					3
14	1548.7111	774.8592	1531.6846	766.3459	1530.7006	765.8539	L	295.1652	148.0863					2
15							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1018.7933	2	2035.5704	0.0017	5.69		D(s)D(y)ENPDGH(s)DSEMY	Oxidation (M); Phospho (ST); Phospho (Y)



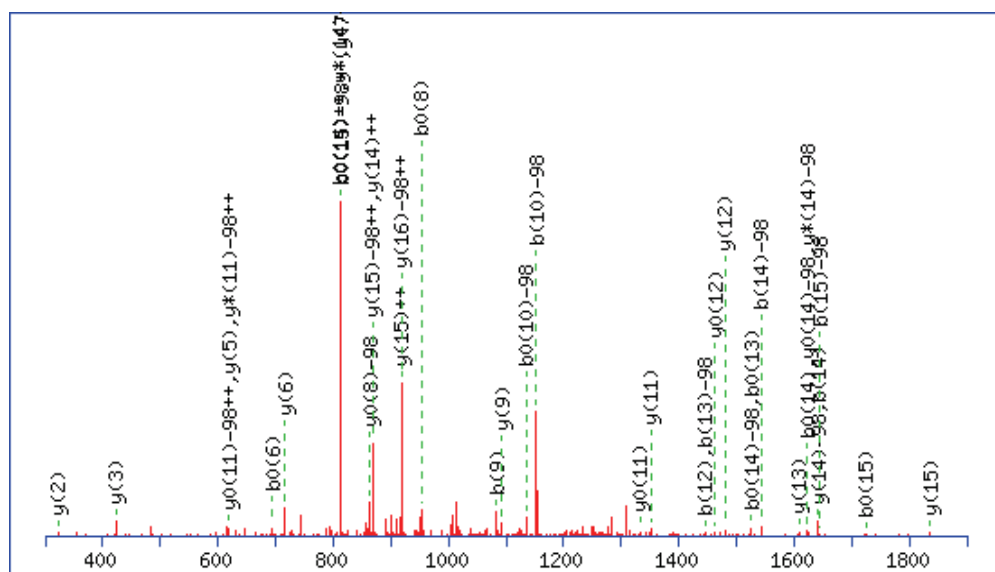
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	116.0342	58.5207			98.0237	49.5155	D							16
2	203.0662	102.0368			185.0557	93.0315	S	1921.5507	961.2790	1904.5242	952.7657	1903.5402	952.2737	15
3	318.0932	159.5502			300.0826	150.5450	D	1834.5187	917.7630	1817.4921	909.2497	1816.5081	908.7577	14
4	561.1228	281.0651			543.1123	272.0598	Y	1719.4917	860.2495	1702.4652	851.7362	1701.4812	851.2442	13
5	690.1654	345.5864			672.1549	336.5811	E	1476.4621	738.7347	1459.4355	730.2214	1458.4515	729.7294	12
6	804.2084	402.6078	787.1818	394.0945	786.1978	393.6025	N	1347.4195	674.2134	1330.3930	665.7001	1329.4089	665.2081	11
7	901.2611	451.1342	884.2346	442.6209	883.2506	442.1289	P	1233.3766	617.1919			1215.3660	608.1866	10
8	1016.2881	508.6477	999.2615	500.1344	998.2775	499.6424	D	1136.3238	568.6655			1118.3132	559.6603	9
9	1073.3095	537.1584	1056.2830	528.6451	1055.2990	528.1531	G	1021.2969	511.1521			1003.2863	502.1468	8
10	1210.3684	605.6879	1193.3419	597.1746	1192.3579	596.6826	H	964.2754	482.6413			946.2648	473.6361	7
11	1297.4005	649.2039	1280.3739	640.6906	1279.3899	640.1986	S	827.2165	414.1119			809.2059	405.1066	6
12	1412.4274	706.7173	1395.4009	698.2041	1394.4169	697.7121	D	740.1845	370.5959			722.1739	361.5906	5
13	1579.4258	790.2165	1562.3992	781.7032	1561.4152	781.2112	S	625.1575	313.0824			607.1470	304.0771	4
14	1708.4684	854.7378	1691.4418	846.2245	1690.4578	845.7325	E	458.1592	229.5832			440.1486	220.5779	3
15	1855.5038	928.2555	1838.4772	919.7422	1837.4932	919.2502	M	329.1166	165.0619					2
16							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
683.0084	3	2046.0034	-0.0002	42.35		VLDSQNNTKD(s)(t)KLKY	Phospho (ST)



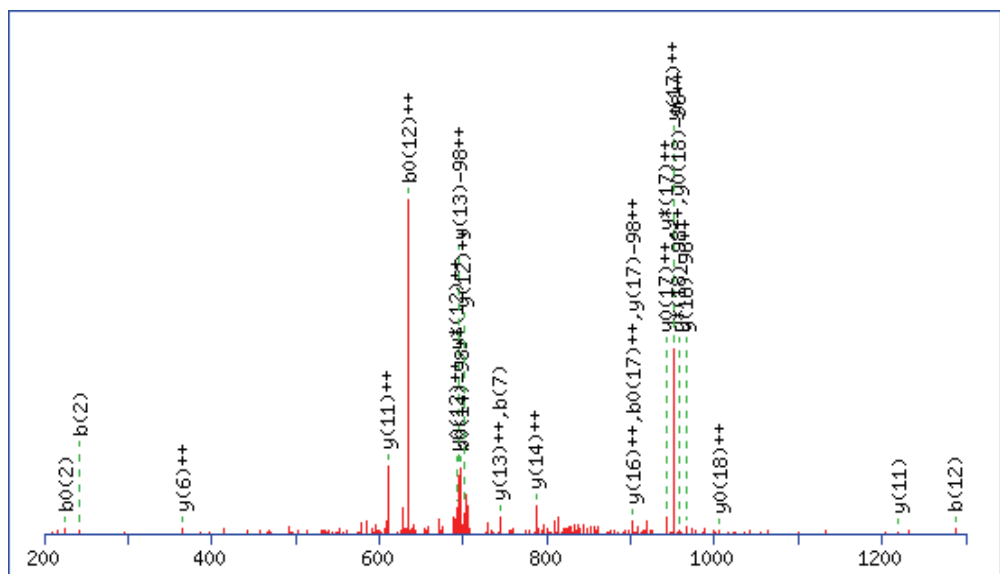
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							17
2	213.1598	107.0835					L	1849.9654	925.4863	1832.9389	916.9731	1831.9548	916.4811	16
3	326.2438	163.6255					I	1736.8813	868.9443	1719.8548	860.4310	1718.8708	859.9390	15
4	441.2708	221.1390			423.2602	212.1337	D	1623.7973	812.4023	1606.7707	803.8890	1605.7867	803.3970	14
5	528.3028	264.6550			510.2922	255.6498	S	1508.7703	754.8888	1491.7438	746.3755	1490.7598	745.8835	13
6	656.3614	328.6843	639.3348	320.1710	638.3508	319.6790	Q	1421.7383	711.3728	1404.7118	702.8595	1403.7277	702.3675	12
7	770.4043	385.7058	753.3777	377.1925	752.3937	376.7005	N	1293.6797	647.3435	1276.6532	638.8302	1275.6692	638.3382	11
8	884.4472	442.7272	867.4207	434.2140	866.4367	433.7220	N	1179.6368	590.3220	1162.6103	581.8088	1161.6262	581.3168	10
9	985.4949	493.2511	968.4684	484.7378	967.4843	484.2458	T	1065.5939	533.3006	1048.5673	524.7873	1047.5833	524.2953	9
10	1113.5899	557.2986	1096.5633	548.7853	1095.5793	548.2933	K	964.5462	482.7767	947.5197	474.2635	946.5356	473.7715	8
11	1228.6168	614.8120	1211.5903	606.2988	1210.6062	605.8068	D	836.4512	418.7293	819.4247	410.2160	818.4407	409.7240	7
12	1297.6383	649.3228	1280.6117	640.8095	1279.6277	640.3175	S	721.4243	361.2158	704.3977	352.7025	703.4137	352.2105	6
13	1398.6859	699.8466	1381.6594	691.3333	1380.6754	690.8413	T	652.4028	326.7051	635.3763	318.1918	634.3923	317.6998	5
14	1526.7809	763.8941	1509.7544	755.3808	1508.7703	754.8888	K	551.3552	276.1812	534.3286	267.6679			4
15	1639.8650	820.4361	1622.8384	811.9228	1621.8544	811.4308	L	423.2602	212.1337	406.2336	203.6205			3
16	1767.9599	884.4836	1750.9334	875.9703	1749.9494	875.4783	K	310.1761	155.5917	293.1496	147.0784			2
17							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
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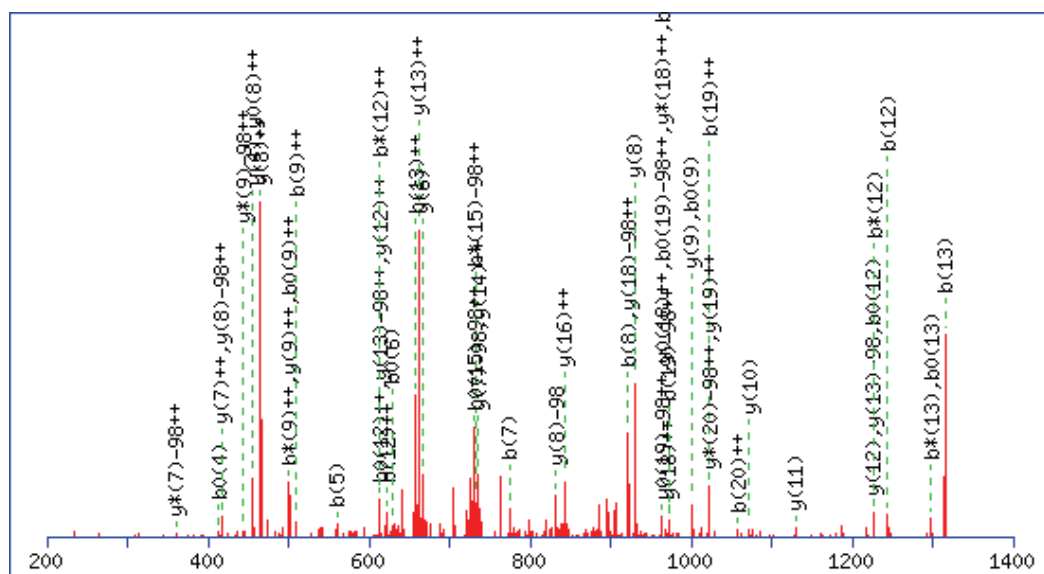
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	130.0499	65.5286			112.0393	56.5233	E							17
2	229.1183	115.0628			211.1077	106.0575	V	1934.8783	967.9428	1917.8518	959.4295	1916.8677	958.9375	16
3	326.1710	163.5892			308.1605	154.5839	P	1835.8099	918.4086	1818.7833	909.8953	1817.7993	909.4033	15
4	455.2136	228.1105			437.2031	219.1052	E	1738.7571	869.8822	1721.7306	861.3689	1720.7466	860.8769	14
5	584.2562	292.6318			566.2457	283.6265	E	1609.7145	805.3609	1592.6880	796.8476	1591.7040	796.3556	13
6	713.2988	357.1531			695.2883	348.1478	E	1480.6719	740.8396	1463.6454	732.3263	1462.6614	731.8343	12
7	842.3414	421.6743			824.3309	412.6691	E	1351.6294	676.3183	1334.6028	667.8050	1333.6188	667.3130	11
8	971.3840	486.1956			953.3734	477.1904	E	1222.5868	611.7970	1205.5602	603.2837	1204.5762	602.7917	10
9	1084.4681	542.7377			1066.4575	533.7324	L	1093.5442	547.2757	1076.5176	538.7624	1075.5336	538.2704	9
10	1251.4664	626.2369			1233.4559	617.2316	S	980.4601	490.7337	963.4336	482.2204	962.4495	481.7284	8
11	1348.5192	674.7632			1330.5086	665.7580	P	813.4618	407.2345	796.4352	398.7212	795.4512	398.2292	7
12	1445.5720	723.2896			1427.5614	714.2843	P	716.4090	358.7081	699.3824	350.1949	698.3984	349.7028	6
13	1542.6247	771.8160			1524.6142	762.8107	P	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
14	1641.6931	821.3502			1623.6826	812.3449	V	522.3035	261.6554	505.2769	253.1421	504.2929	252.6501	4
15	1742.7408	871.8740			1724.7302	862.8688	T	423.2350	212.1212	406.2085	203.6079	405.2245	203.1159	3
16	1898.8419	949.9246	1881.8154	941.4113	1880.8314	940.9193	R	322.1874	161.5973	305.1608	153.0840			2
17							F	166.0863	83.5468					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
715.3523	3	2143.0351	0	26.8		IEP(t)E(s)(t)PPPAKPPVNRF	Phospho (ST)



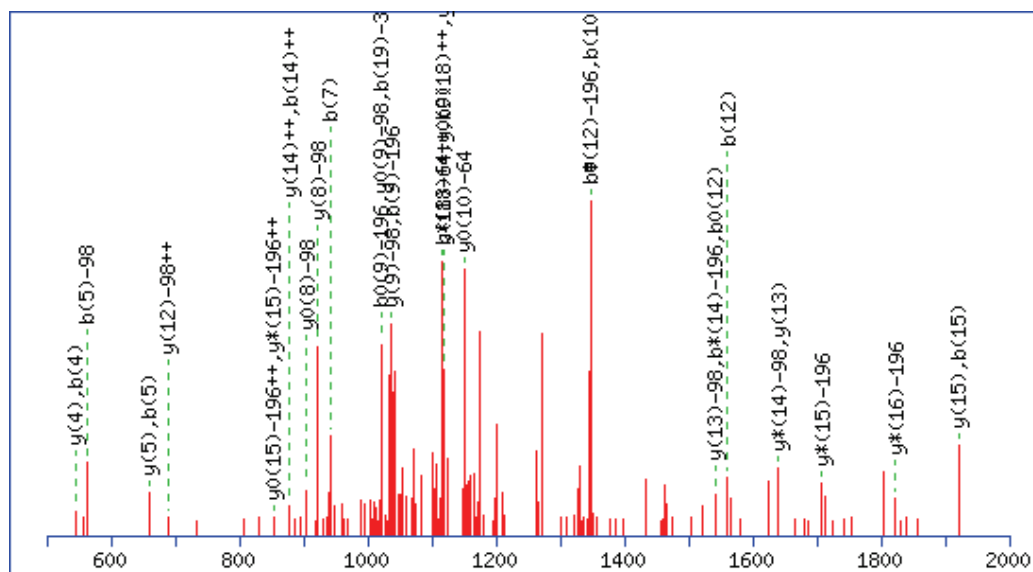
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							19
2	243.1339	122.0706			225.1234	113.0653	E	2030.9583	1015.9828	2013.9317	1007.4695	2012.9477	1006.9775	18
3	340.1867	170.5970			322.1761	161.5917	P	1901.9157	951.4615	1884.8892	942.9482	1883.9051	942.4562	17
4	441.2344	221.1208			423.2238	212.1155	T	1804.8629	902.9351	1787.8364	894.4218	1786.8524	893.9298	16
5	570.2770	285.6421			552.2664	276.6368	E	1703.8153	852.4113	1686.7887	843.8980	1685.8047	843.4060	15
6	657.3090	329.1581			639.2984	320.1529	S	1574.7727	787.8900	1557.7461	779.3767	1556.7621	778.8847	14
7	744.3410	372.6742			726.3305	363.6689	S	1487.7406	744.3740	1470.7141	735.8607	1469.7301	735.3687	13
8	925.3550	463.1812			907.3445	454.1759	T	1400.7086	700.8579	1383.6821	692.3447	1382.6980	691.8527	12
9	1022.4078	511.7075			1004.3972	502.7023	P	1219.6946	610.3509	1202.6681	601.8377			11
10	1119.4606	560.2339			1101.4500	551.2286	P	1122.6418	561.8246	1105.6153	553.3113			10
11	1216.5133	608.7603			1198.5028	599.7550	P	1025.5891	513.2982	1008.5625	504.7849			9
12	1287.5504	644.2789			1269.5399	635.2736	A	928.5363	464.7718	911.5098	456.2585			8
13	1415.6454	708.3263	1398.6188	699.8131	1397.6348	699.3211	K	857.4992	429.2532	840.4726	420.7400			7
14	1512.6982	756.8527	1495.6716	748.3394	1494.6876	747.8474	P	729.4042	365.2058	712.3777	356.6925			6
15	1609.7509	805.3791	1592.7244	796.8658	1591.7404	796.3738	P	632.3515	316.6794	615.3249	308.1661			5
16	1708.8193	854.9133	1691.7928	846.4000	1690.8088	845.9080	V	535.2987	268.1530	518.2722	259.6397			4
17	1822.8623	911.9348	1805.8357	903.4215	1804.8517	902.9295	N	436.2303	218.6188	419.2037	210.1055			3
18	1978.9634	989.9853	1961.9368	981.4721	1960.9528	980.9800	R	322.1874	161.5973	305.1608	153.0840			2
19							F	166.0863	83.5468					

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
749.0386	3	2244.094	-0.0001	54.15	S339	SNTQESKFPPGAAPpSPLPRAL	Phospho (ST)



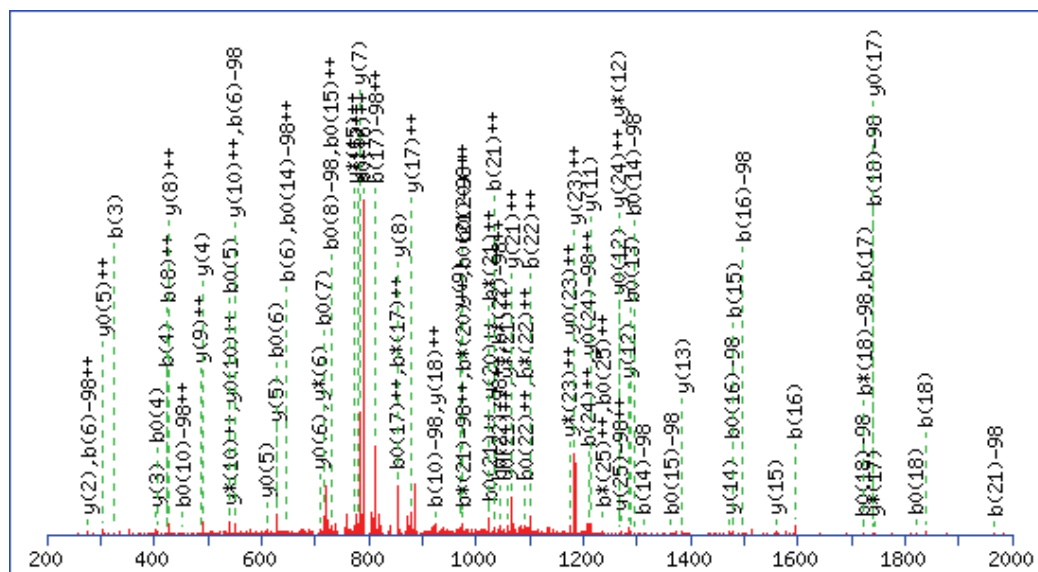
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	88.0393	44.5233			70.0287	35.5180	S							21
2	202.0822	101.5448	185.0557	93.0315	184.0717	92.5395	N	2158.0692	1079.5383	2141.0427	1071.0250	2140.0587	1070.5330	20
3	303.1299	152.0686	286.1034	143.5553	285.1193	143.0633	T	2044.0263	1022.5168	2026.9998	1014.0035	2026.0157	1013.5115	19
4	431.1885	216.0979	414.1619	207.5846	413.1779	207.0926	Q	1942.9786	971.9930	1925.9521	963.4797	1924.9681	962.9877	18
5	560.2311	280.6192	543.2045	272.1059	542.2205	271.6139	E	1814.9201	907.9637	1797.8935	899.4504	1796.9095	898.9584	17
6	647.2631	324.1352	630.2366	315.6219	629.2525	315.1299	S	1685.8775	843.4424	1668.8509	834.9291	1667.8669	834.4371	16
7	775.3581	388.1827	758.3315	379.6694	757.3475	379.1774	K	1598.8454	799.9264	1581.8189	791.4131	1580.8349	790.9211	15
8	922.4265	461.7169	905.3999	453.2036	904.4159	452.7116	F	1470.7505	735.8789	1453.7239	727.3656	1452.7399	726.8736	14
9	1019.4793	510.2433	1002.4527	501.7300	1001.4687	501.2380	P	1323.6821	662.3447	1306.6555	653.8314	1305.6715	653.3394	13
10	1116.5320	558.7696	1099.5055	550.2564	1098.5214	549.7644	P	1226.6293	613.8183	1209.6027	605.3050	1208.6187	604.8130	12
11	1173.5535	587.2804	1156.5269	578.7671	1155.5429	578.2751	G	1129.5765	565.2919	1112.5500	556.7786	1111.5660	556.2866	11
12	1244.5906	622.7989	1227.5640	614.2857	1226.5800	613.7937	A	1072.5551	536.7812	1055.5285	528.2679	1054.5445	527.7759	10
13	1315.6277	658.3175	1298.6012	649.8042	1297.6171	649.3122	A	1001.5180	501.2626	984.4914	492.7493	983.5074	492.2573	9
14	1412.6805	706.8439	1395.6539	698.3306	1394.6699	697.8386	P	930.4808	465.7441	913.4543	457.2308	912.4703	456.7388	8
15	1579.6788	790.3430	1562.6523	781.8298	1561.6683	781.3378	S	833.4281	417.2177	816.4015	408.7044	815.4175	408.2124	7
16	1676.7316	838.8694	1659.7050	830.3562	1658.7210	829.8641	P	666.4297	333.7185	649.4032	325.2052			6
17	1789.8157	895.4115	1772.7891	886.8982	1771.8051	886.4062	L	569.3770	285.1921	552.3504	276.6788			5
18	1886.8684	943.9378	1869.8419	935.4246	1868.8578	934.9326	P	456.2929	228.6501	439.2663	220.1368			4
19	2042.9695	1021.9884	2025.9430	1013.4751	2024.9590	1012.9831	R	359.2401	180.1237	342.2136	171.6104			3
20	2114.0066	1057.5070	2096.9801	1048.9937	2095.9961	1048.5017	A	203.1390	102.0731					2
21							L	132.1019	66.5546					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1290.8646	2	2579.691	0.0237	26.15		(s)DDFD(s)D(y)ENPDGH(s)D(s)EMY	Oxidation (M); 3 Phospho (ST)



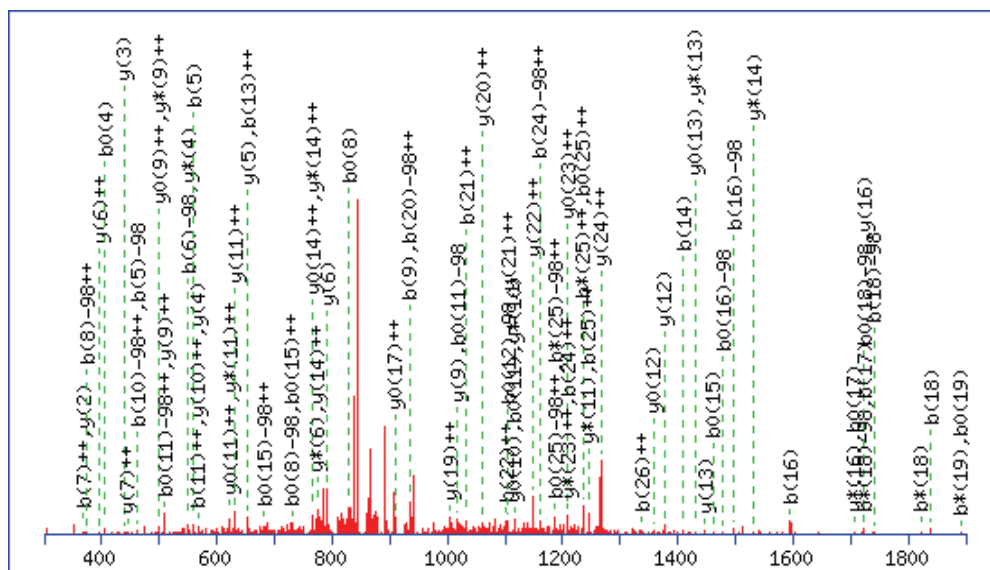
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	168.0056	84.5065			149.9951	75.5012	S							20
2	283.0326	142.0199			265.0220	133.0146	D	2413.7000	1207.3536	2396.6734	1198.8403	2395.6894	1198.3483	19
3	398.0595	199.5334			380.0489	190.5281	D	2298.6730	1149.8401	2281.6465	1141.3269	2280.6625	1140.8349	18
4	545.1279	273.0676			527.1174	264.0623	F	2183.6461	1092.3267	2166.6195	1083.8134	2165.6355	1083.3214	17
5	660.1549	330.5811			642.1443	321.5758	D	2036.5777	1018.7925	2019.5511	1010.2792	2018.5671	1009.7872	16
6	827.1532	414.0802			809.1427	405.0750	S	1921.5507	961.2790	1904.5242	952.7657	1903.5402	952.2737	15
7	942.1802	471.5937			924.1696	462.5884	D	1754.5524	877.7798	1737.5258	869.2665	1736.5418	868.7745	14
8	1105.2435	553.1254			1087.2329	544.1201	Y	1639.5254	820.2663	1622.4989	811.7531	1621.5149	811.2611	13
9	1234.2861	617.6467			1216.2755	608.6414	E	1476.4621	738.7347	1459.4355	730.2214	1458.4515	729.7294	12
10	1348.3290	674.6681	1331.3025	666.1549	1330.3185	665.6629	N	1347.4195	674.2134	1330.3930	665.7001	1329.4089	665.2081	11
11	1445.3818	723.1945	1428.3552	714.6813	1427.3712	714.1892	P	1233.3766	617.1919			1215.3660	608.1866	10
12	1560.4087	780.7080	1543.3822	772.1947	1542.3982	771.7027	D	1136.3238	568.6655			1118.3132	559.6603	9
13	1617.4302	809.2187	1600.4036	800.7055	1599.4196	800.2134	G	1021.2969	511.1521			1003.2863	502.1468	8
14	1754.4891	877.7482	1737.4625	869.2349	1736.4785	868.7429	H	964.2754	482.6413			946.2648	473.6361	7
15	1921.4875	961.2474	1904.4609	952.7341	1903.4769	952.2421	S	827.2165	414.1119			809.2059	405.1066	6
16	2036.5144	1018.7608	2019.4878	1010.2476	2018.5038	1009.7556	D	660.2181	330.6127			642.2076	321.6074	5
17	2123.5464	1062.2768	2106.5199	1053.7636	2105.5359	1053.2716	S	545.1912	273.0992			527.1806	264.0940	4
18	2252.5890	1126.7981	2235.5625	1118.2849	2234.5784	1117.7929	E	458.1592	229.5832			440.1486	220.5779	3
19	2399.6244	1200.3158	2382.5979	1191.8026	2381.6139	1191.3106	M	329.1166	165.0619					2
20							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
898.4012	3	2692.1766	0.0053	65.4		GT(s)PH(s)(s)l(s)(s)(t)ADQDAGVHSAW	Phospho (ST)



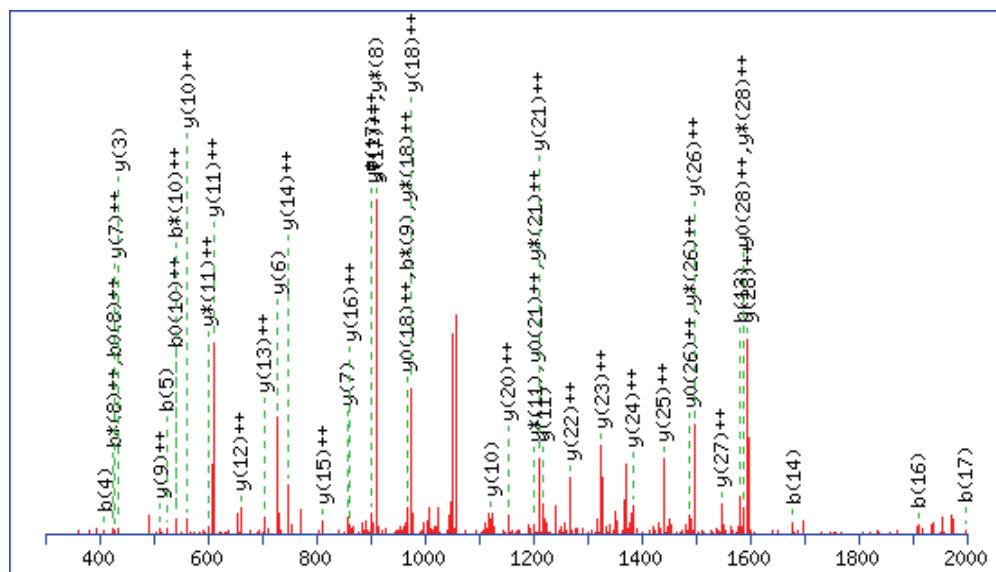
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180					G							26
2	159.0764	80.0418			141.0659	71.0366	T	2636.1624	1318.5848	2619.1359	1310.0716	2618.1519	1309.5796	25
3	326.0748	163.5410			308.0642	154.5357	S	2535.1147	1268.0610	2518.0882	1259.5477	2517.1042	1259.0557	24
4	423.1275	212.0674			405.1170	203.0621	P	2368.1164	1184.5618	2351.0898	1176.0486	2350.1058	1175.5566	23
5	560.1864	280.5969			542.1759	271.5916	H	2271.0636	1136.0355	2254.0371	1127.5222	2253.0531	1127.0302	22
6	647.2185	324.1129			629.2079	315.1076	S	2134.0047	1067.5060	2116.9782	1058.9927	2115.9942	1058.5007	21
7	734.2505	367.6289			716.2399	358.6236	S	2046.9727	1023.9900	2029.9461	1015.4767	2028.9621	1014.9847	20
8	847.3346	424.1709			829.3240	415.1656	I	1959.9407	980.4740	1942.9141	971.9607	1941.9301	971.4687	19
9	934.3666	467.6869			916.3560	458.6817	S	1846.8566	923.9319	1829.8300	915.4187	1828.8460	914.9267	18
10	1021.3986	511.2029			1003.3881	502.1977	S	1759.8246	880.4159	1742.7980	871.9026	1741.8140	871.4106	17
11	1134.4827	567.7450			1116.4721	558.7397	I	1672.7925	836.8999	1655.7660	828.3866	1654.7820	827.8946	16
12	1221.5147	611.2610			1203.5042	602.2557	S	1559.7085	780.3579	1542.6819	771.8446	1541.6979	771.3526	15
13	1308.5467	654.7770			1290.5362	645.7717	S	1472.6764	736.8419	1455.6499	728.3286	1454.6659	727.8366	14
14	1409.5944	705.3008			1391.5839	696.2956	T	1385.6444	693.3258	1368.6179	684.8126	1367.6339	684.3206	13
15	1480.6315	740.8194			1462.6210	731.8141	A	1284.5967	642.8020	1267.5702	634.2887	1266.5862	633.7967	12
16	1595.6585	798.3329			1577.6479	789.3276	D	1213.5596	607.2835	1196.5331	598.7702	1195.5491	598.2782	11
17	1723.7171	862.3622	1706.6905	853.8489	1705.7065	853.3569	Q	1098.5327	549.7700	1081.5061	541.2567	1080.5221	540.7647	10
18	1838.7440	919.8756	1821.7175	911.3624	1820.7334	910.8704	D	970.4741	485.7407	953.4476	477.2274	952.4635	476.7354	9
19	1909.7811	955.3942	1892.7546	946.8809	1891.7705	946.3889	A	855.4472	428.2272	838.4206	419.7139	837.4366	419.2219	8
20	1966.8026	983.9049	1949.7760	975.3917	1948.7920	974.8996	G	784.4100	392.7087	767.3835	384.1954	766.3995	383.7034	7
21	2065.8710	1033.4391	2048.8444	1024.9259	2047.8604	1024.4339	V	727.3886	364.1979	710.3620	355.6847	709.3780	355.1926	6
22	2202.9299	1101.9686	2185.9034	1093.4553	2184.9193	1092.9633	H	628.3202	314.6637	611.2936	306.1504	610.3096	305.6584	5
23	2289.9619	1145.4846	2272.9354	1136.9713	2271.9514	1136.4793	S	491.2613	246.1343	474.2347	237.6210	473.2507	237.1290	4
24	2418.0569	1209.5321	2401.0303	1201.0188	2400.0463	1200.5268	K	404.2292	202.6183	387.2027	194.1050			3
25	2489.0940	1245.0506	2472.0675	1236.5374	2471.0834	1236.0454	A	276.1343	138.5708					2
26							W	205.0972	103.0522					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
952.7536	3	2855.2399	-0.001	46.89		GT(s)PH(s)(s)l(s)(s)(s)(s)(t)ADQDAGVHSKAWY	Phospho (ST)



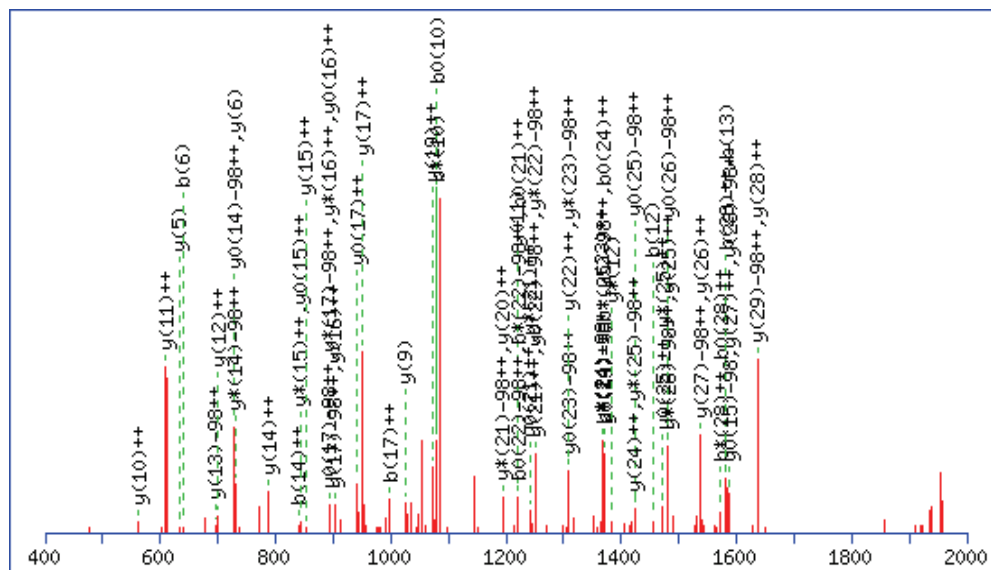
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	58.0287	29.5180					G							27
2	159.0764	80.0418			141.0659	71.0366	T	2799.2258	1400.1165	2782.1992	1391.6032	2781.2152	1391.1112	26
3	326.0748	163.5410			308.0642	154.5357	S	2698.1781	1349.5927	2681.1515	1341.0794	2680.1675	1340.5874	25
4	423.1275	212.0674			405.1170	203.0621	P	2531.1797	1266.0935	2514.1532	1257.5802	2513.1692	1257.0882	24
5	560.1864	280.5969			542.1759	271.5916	H	2434.1270	1217.5671	2417.1004	1209.0538	2416.1164	1208.5618	23
6	647.2185	324.1129			629.2079	315.1076	S	2297.0680	1149.0377	2280.0415	1140.5244	2279.0575	1140.0324	22
7	734.2505	367.6289			716.2399	358.6236	S	2210.0360	1105.5216	2193.0095	1097.0084	2192.0255	1096.5164	21
8	847.3346	424.1709			829.3240	415.1656	I	2123.0040	1062.0056	2105.9774	1053.4924	2104.9934	1053.0003	20
9	934.3666	467.6869			916.3560	458.6817	S	2009.9199	1005.4636	1992.8934	996.9503	1991.9094	996.4583	19
10	1021.3986	511.2029			1003.3881	502.1977	S	1922.8879	961.9476	1905.8613	953.4343	1904.8773	952.9423	18
11	1134.4827	567.7450			1116.4721	558.7397	I	1835.8559	918.4316	1818.8293	909.9183	1817.8453	909.4263	17
12	1221.5147	611.2610			1203.5042	602.2557	S	1722.7718	861.8895	1705.7453	853.3763	1704.7612	852.8843	16
13	1308.5467	654.7770			1290.5362	645.7717	S	1635.7398	818.3735	1618.7132	809.8603	1617.7292	809.3682	15
14	1409.5944	705.3008			1391.5839	696.2956	T	1548.7077	774.8575	1531.6812	766.3442	1530.6972	765.8522	14
15	1480.6315	740.8194			1462.6210	731.8141	A	1447.6601	724.3337	1430.6335	715.8204	1429.6495	715.3284	13
16	1595.6585	798.3329			1577.6479	789.3276	D	1376.6230	688.8151	1359.5964	680.3018	1358.6124	679.8098	12
17	1723.7171	862.3622	1706.6905	853.8489	1705.7065	853.3569	Q	1261.5960	631.3016	1244.5695	622.7884	1243.5854	622.2964	11
18	1838.7440	919.8756	1821.7175	911.3624	1820.7334	910.8704	D	1133.5374	567.2724	1116.5109	558.7591	1115.5269	558.2671	10
19	1909.7811	955.3942	1892.7546	946.8809	1891.7705	946.3889	A	1018.5105	509.7589	1001.4839	501.2456	1000.4999	500.7536	9
20	1966.8026	983.9049	1949.7760	975.3917	1948.7920	974.8996	G	947.4734	474.2403	930.4468	465.7271	929.4628	465.2350	8
21	2065.8710	1033.4391	2048.8444	1024.9259	2047.8604	1024.4339	V	890.4519	445.7296	873.4254	437.2163	872.4413	436.7243	7
22	2202.9299	1101.9686	2185.9034	1093.4553	2184.9193	1092.9633	H	791.3835	396.1954	774.3570	387.6821	773.3729	387.1901	6
23	2289.9619	1145.4846	2272.9354	1136.9713	2271.9514	1136.4793	S	654.3246	327.6659	637.2980	319.1527	636.3140	318.6606	5
24	2418.0569	1209.5321	2401.0303	1201.0188	2400.0463	1200.5268	K	567.2926	284.1499	550.2660	275.6366			4
25	2489.0940	1245.0506	2472.0675	1236.5374	2471.0834	1236.0454	A	439.1976	220.1024					3
26	2675.1733	1338.0903	2658.1468	1329.5770	2657.1628	1329.0850	W	368.1605	184.5839					2
27							Y	182.0812	91.5442					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1135.1982	3	3402.5657	0.0072	107.73	Y205	IVPVDNDDDNpYIEPTESSTPPAKPPVNRF	Phospho (Y)



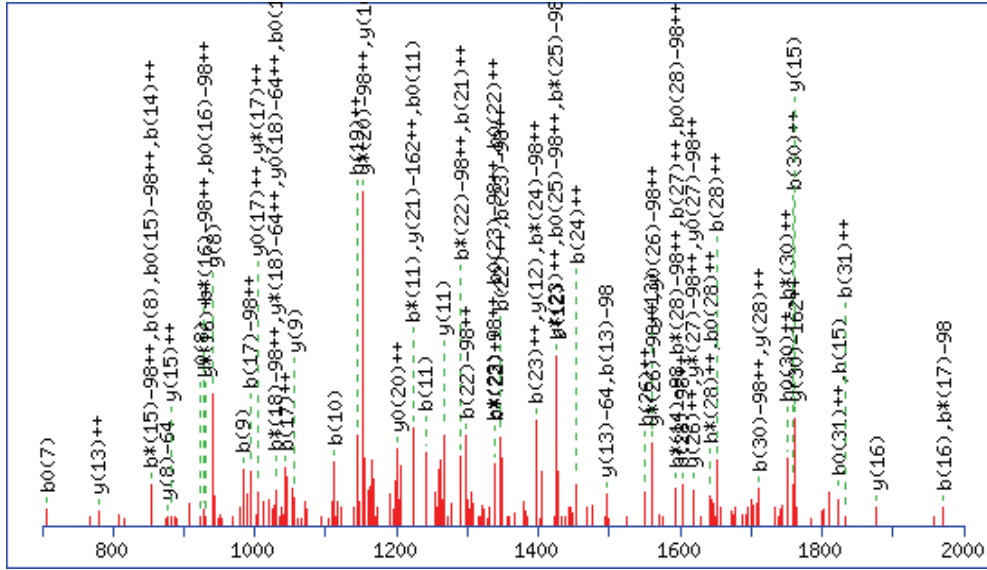
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							30
2	213.1598	107.0835					V	3290.4889	1645.7481	3273.4624	1637.2348	3272.4783	1636.7428	29
3	310.2125	155.6099					P	3191.4205	1596.2139	3174.3939	1587.7006	3173.4099	1587.2086	28
4	409.2809	205.1441					V	3094.3677	1547.6875	3077.3412	1539.1742	3076.3572	1538.6822	27
5	524.3079	262.6576			506.2973	253.6523	D	2995.2993	1498.1533	2978.2728	1489.6400	2977.2887	1489.1480	26
6	638.3508	319.6790	621.3243	311.1658	620.3402	310.6738	N	2880.2724	1440.6398	2863.2458	1432.1265	2862.2618	1431.6345	25
7	753.3777	377.1925	736.3512	368.6792	735.3672	368.1872	D	2766.2294	1383.6184	2749.2029	1375.1051	2748.2189	1374.6131	24
8	868.4047	434.7060	851.3781	426.1927	850.3941	425.7007	D	2651.2025	1326.1049	2634.1759	1317.5916	2633.1919	1317.0996	23
9	983.4316	492.2195	966.4051	483.7062	965.4211	483.2142	D	2536.1756	1268.5914	2519.1490	1260.0781	2518.1650	1259.5861	22
10	1097.4746	549.2409	1080.4480	540.7276	1079.4640	540.2356	N	2421.1486	1211.0779	2404.1221	1202.5647	2403.1380	1202.0727	21
11	1340.5042	670.7557	1323.4777	662.2425	1322.4936	661.7505	Y	2307.1057	1154.0565	2290.0791	1145.5432	2289.0951	1145.0512	20
12	1453.5883	727.2978	1436.5617	718.7845	1435.5777	718.2925	I	2064.0760	1032.5417	2047.0495	1024.0284	2046.0655	1023.5364	19
13	1582.6309	791.8191	1565.6043	783.3058	1564.6203	782.8138	E	1950.9920	975.9996	1933.9654	967.4863	1932.9814	966.9943	18
14	1679.6836	840.3455	1662.6571	831.8322	1661.6731	831.3402	P	1821.9494	911.4783	1804.9228	902.9651	1803.9388	902.4730	17
15	1780.7313	890.8693	1763.7048	882.3560	1762.7207	881.8640	T	1724.8966	862.9519	1707.8701	854.4387	1706.8860	853.9467	16
16	1909.7739	955.3906	1892.7474	946.8773	1891.7633	946.3853	E	1623.8489	812.4281	1606.8224	803.9148	1605.8384	803.4228	15
17	1996.8059	998.9066	1979.7794	990.3933	1978.7954	989.9013	S	1494.8063	747.9068	1477.7798	739.3935	1476.7958	738.9015	14
18	2083.8380	1042.4226	2066.8114	1033.9093	2065.8274	1033.4173	S	1407.7743	704.3908	1390.7478	695.8775	1389.7637	695.3855	13
19	2184.8856	1092.9465	2167.8591	1084.4332	2166.8751	1083.9412	T	1320.7423	660.8748	1303.7157	652.3615	1302.7317	651.8695	12
20	2281.9384	1141.4728	2264.9119	1132.9596	2263.9278	1132.4676	P	1219.6946	610.3509	1202.6681	601.8377			11
21	2378.9912	1189.9992	2361.9646	1181.4859	2360.9806	1180.9939	P	1122.6418	561.8246	1105.6153	553.3113			10
22	2476.0439	1238.5256	2459.0174	1230.0123	2458.0334	1229.5203	P	1025.5891	513.2982	1008.5625	504.7849			9
23	2547.0810	1274.0442	2530.0545	1265.5309	2529.0705	1265.0389	A	928.5363	464.7718	911.5098	456.2585			8
24	2675.1760	1338.0916	2658.1495	1329.5784	2657.1654	1329.0864	K	857.4992	429.2532	840.4726	420.7400			7
25	2772.2288	1386.6180	2755.2022	1378.1047	2754.2182	1377.6127	P	729.4042	365.2058	712.3777	356.6925			6
26	2869.2815	1435.1444	2852.2550	1426.6311	2851.2710	1426.1391	P	632.3515	316.6794	615.3249	308.1661			5
27	2968.3499	1484.6786	2951.3234	1476.1653	2950.3394	1475.6733	V	535.2987	268.1530	518.2722	259.6397			4
28	3082.3929	1541.7001	3065.3663	1533.1868	3064.3823	1532.6948	N	436.2303	218.6188	419.2037	210.1055			3
29	3238.4940	1619.7506	3221.4674	1611.2374	3220.4834	1610.7453	R	322.1874	161.5973	305.1608	153.0840			2
30							F	166.0863	83.5468					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1161.8525	3	3482.532	0.0038	97.76	Y205	IVPVDNDDDNpYIEPTE(s)(t)PPPAKPPVNRF	Phospho (ST); Phospho (Y)



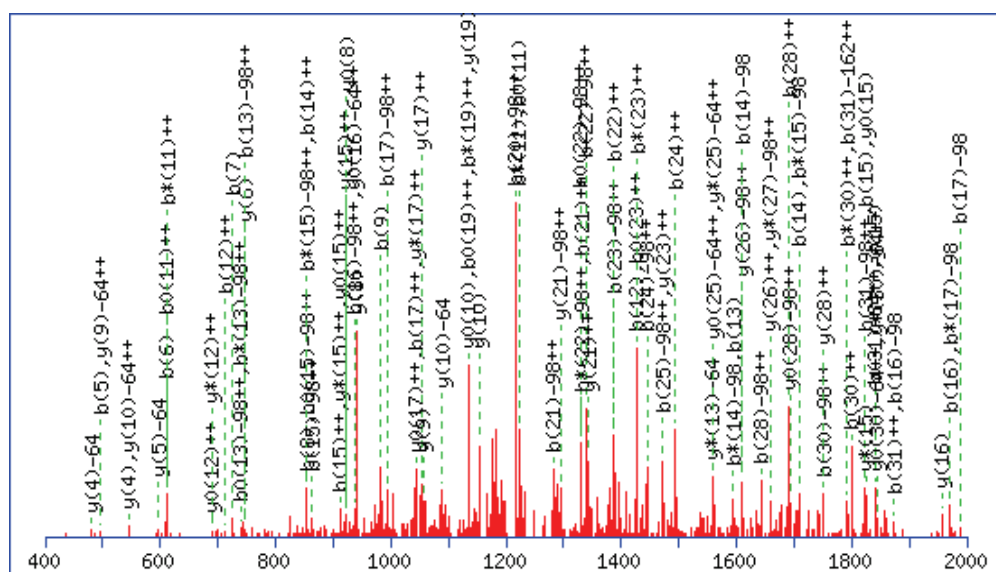
#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	114.0913	57.5493					I							30
2	213.1598	107.0835					V	3370.4552	1685.7313	3353.4287	1677.2180	3352.4447	1676.7260	29
3	310.2125	155.6099					P	3271.3868	1636.1970	3254.3603	1627.6838	3253.3762	1627.1918	28
4	409.2809	205.1441					V	3174.3340	1587.6707	3157.3075	1579.1574	3156.3235	1578.6654	27
5	524.3079	262.6576			506.2973	253.6523	D	3075.2656	1538.1365	3058.2391	1529.6232	3057.2551	1529.1312	26
6	638.3508	319.6790	621.3243	311.1658	620.3402	310.6738	N	2960.2387	1480.6230	2943.2121	1472.1097	2942.2281	1471.6177	25
7	753.3777	377.1925	736.3512	368.6792	735.3672	368.1872	D	2846.1958	1423.6015	2829.1692	1415.0882	2828.1852	1414.5962	24
8	868.4047	434.7060	851.3781	426.1927	850.3941	425.7007	D	2731.1688	1366.0880	2714.1423	1357.5748	2713.1583	1357.0828	23
9	983.4316	492.2195	966.4051	483.7062	965.4211	483.2142	D	2616.1419	1308.5746	2599.1153	1300.0613	2598.1313	1299.5693	22
10	1097.4746	549.2409	1080.4480	540.7276	1079.4640	540.2356	N	2501.1149	1251.0611	2484.0884	1242.5478	2483.1044	1242.0558	21
11	1340.5042	670.7557	1323.4777	662.2425	1322.4936	661.7505	Y	2387.0720	1194.0396	2370.0455	1185.5264	2369.0614	1185.0344	20
12	1453.5883	727.2978	1436.5617	718.7845	1435.5777	718.2925	I	2144.0424	1072.5248	2127.0158	1064.0115	2126.0318	1063.5195	19
13	1582.6309	791.8191	1565.6043	783.3058	1564.6203	782.8138	E	2030.9583	1015.9828	2013.9317	1007.4695	2012.9477	1006.9775	18
14	1679.6836	840.3455	1662.6571	831.8322	1661.6731	831.3402	P	1901.9157	951.4615	1884.8892	942.9482	1883.9051	942.4562	17
15	1780.7313	890.8693	1763.7048	882.3560	1762.7207	881.8640	T	1804.8629	902.9351	1787.8364	894.4218	1786.8524	893.9298	16
16	1909.7739	955.3906	1892.7474	946.8773	1891.7633	946.3853	E	1703.8153	852.4113	1686.7887	843.8980	1685.8047	843.4060	15
17	1996.8059	998.9066	1979.7794	990.3933	1978.7954	989.9013	S	1574.7727	787.8900	1557.7461	779.3767	1556.7621	778.8847	14
18	2083.8380	1042.4226	2066.8114	1033.9093	2065.8274	1033.4173	S	1487.7406	744.3740	1470.7141	735.8607	1469.7301	735.3687	13
19	2264.8520	1132.9296	2247.8254	1124.4163	2246.8414	1123.9243	T	1400.7086	700.8579	1383.6821	692.3447	1382.6980	691.8527	12
20	2361.9047	1181.4560	2344.8782	1172.9427	2343.8942	1172.4507	P	1219.6946	610.3509	1202.6681	601.8377			11
21	2458.9575	1229.9824	2441.9309	1221.4691	2440.9469	1220.9771	P	1122.6418	561.8246	1105.6153	553.3113			10
22	2556.0103	1278.5088	2538.9837	1269.9955	2537.9997	1269.5035	P	1025.5891	513.2982	1008.5625	504.7849			9
23	2627.0474	1314.0273	2610.0208	1305.5140	2609.0368	1305.0220	A	928.5363	464.7718	911.5098	456.2585			8
24	2755.1423	1378.0748	2738.1158	1369.5615	2737.1318	1369.0695	K	857.4992	429.2532	840.4726	420.7400			7
25	2852.1951	1426.6012	2835.1685	1418.0879	2834.1845	1417.5959	P	729.4042	365.2058	712.3777	356.6925			6
26	2949.2479	1475.1276	2932.2213	1466.6143	2931.2373	1466.1223	P	632.3515	316.6794	615.3249	308.1661			5
27	3048.3163	1524.6618	3031.2897	1516.1485	3030.3057	1515.6565	V	535.2987	268.1530	518.2722	259.6397			4
28	3162.3592	1581.6832	3145.3327	1573.1700	3144.3486	1572.6780	N	436.2303	218.6188	419.2037	210.1055			3
29	3318.4603	1659.7338	3301.4338	1651.2205	3300.4497	1650.7285	R	322.1874	161.5973	305.1608	153.0840			2
30							F	166.0863	83.5468					1

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1282.7761	3	3845.3017	0.0049	67.51	S84	ASEHADNEEEQWpSDDFDSDYENPDGHSDSEMY	Oxidation (M); Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							32
2	159.0764	80.0418			141.0659	71.0366	S	3775.2719	1888.1396	3758.2453	1879.6263	3757.2613	1879.1343	31
3	288.1190	144.5631			270.1084	135.5579	E	3688.2398	1844.6235	3671.2133	1836.1103	3670.2293	1835.6183	30
4	425.1779	213.0926			407.1674	204.0873	H	3559.1972	1780.1023	3542.1707	1771.5890	3541.1867	1771.0970	29
5	496.2150	248.6112			478.2045	239.6059	A	3422.1383	1711.5728	3405.1118	1703.0595	3404.1278	1702.5675	28
6	611.2420	306.1246			593.2314	297.1193	D	3351.1012	1676.0542	3334.0747	1667.5410	3333.0906	1667.0490	27
7	725.2849	363.1461	708.2584	354.6328	707.2743	354.1408	N	3236.0743	1618.5408	3219.0477	1610.0275	3218.0637	1609.5355	26
8	854.3275	427.6674	837.3010	419.1541	836.3169	418.6621	E	3122.0313	1561.5193	3105.0048	1553.0060	3104.0208	1552.5140	25
9	983.3701	492.1887	966.3435	483.6754	965.3595	483.1834	E	2992.9887	1496.9980	2975.9622	1488.4847	2974.9782	1487.9927	24
10	1112.4127	556.7100	1095.3861	548.1967	1094.4021	547.7047	E	2863.9461	1432.4767	2846.9196	1423.9634	2845.9356	1423.4714	23
11	1240.4713	620.7393	1223.4447	612.2260	1222.4607	611.7340	Q	2734.9036	1367.9554	2717.8770	1359.4421	2716.8930	1358.9501	22
12	1426.5506	713.7789	1409.5240	705.2657	1408.5400	704.7736	W	2606.8450	1303.9261	2589.8184	1295.4129	2588.8344	1294.9208	21
13	1593.5489	797.2781	1576.5224	788.7648	1575.5384	788.2728	S	2420.7657	1210.8865	2403.7391	1202.3732	2402.7551	1201.8812	20
14	1708.5759	854.7916	1691.5493	846.2783	1690.5653	845.7863	D	2253.7673	1127.3873	2236.7408	1118.8740	2235.7567	1118.3820	19
15	1823.6028	912.3050	1806.5763	903.7918	1805.5923	903.2998	D	2138.7404	1069.8738	2121.7138	1061.3605	2120.7298	1060.8685	18
16	1970.6712	985.8393	1953.6447	977.3260	1952.6607	976.8340	F	2023.7134	1012.3604	2006.6869	1003.8471	2005.7029	1003.3551	17
17	2085.6982	1043.3527	2068.6716	1034.8394	2067.6876	1034.3474	D	1876.6450	938.8261	1859.6185	930.3129	1858.6344	929.8209	16
18	2172.7302	1086.8687	2155.7037	1078.3555	2154.7196	1077.8635	S	1761.6181	881.3127	1744.5915	872.7994	1743.6075	872.3074	15
19	2287.7571	1144.3822	2270.7306	1135.8689	2269.7466	1135.3769	D	1674.5860	837.7967	1657.5595	829.2834	1656.5755	828.7914	14
20	2450.8205	1225.9139	2433.7939	1217.4006	2432.8099	1216.9086	Y	1559.5591	780.2832	1542.5325	771.7699	1541.5485	771.2779	13
21	2579.8631	1290.4352	2562.8365	1281.9219	2561.8525	1281.4299	E	1396.4958	698.7515	1379.4692	690.2382	1378.4852	689.7462	12
22	2693.9060	1347.4566	2676.8794	1338.9434	2675.8954	1338.4514	N	1267.4532	634.2302	1250.4266	625.7170	1249.4426	625.2249	11
23	2790.9588	1395.9830	2773.9322	1387.4697	2772.9482	1386.9777	P	1153.4102	577.2088			1135.3997	568.2035	10
24	2905.9857	1453.4965	2888.9591	1444.9832	2887.9751	1444.4912	D	1056.3575	528.6824			1038.3469	519.6771	9
25	2963.0072	1482.0072	2945.9806	1473.4939	2944.9966	1473.0019	G	941.3305	471.1689			923.3200	462.1636	8
26	3100.0661	1550.5367	3083.0395	1542.0234	3082.0555	1541.5314	H	884.3091	442.6582			866.2985	433.6529	7
27	3187.0981	1594.0527	3170.0716	1585.5394	3169.0875	1585.0474	S	747.2502	374.1287			729.2396	365.1234	6
28	3302.1250	1651.5662	3285.0985	1643.0529	3284.1145	1642.5609	D	660.2181	330.6127			642.2076	321.6074	5
29	3389.1571	1695.0822	3372.1305	1686.5689	3371.1465	1686.0769	S	545.1912	273.0992			527.1806	264.0940	4
30	3518.1997	1759.6035	3501.1731	1751.0902	3500.1891	1750.5982	E	458.1592	229.5832			440.1486	220.5779	3
31	3665.2351	1833.1212	3648.2085	1824.6079	3647.2245	1824.1159	M	329.1166	165.0619					2
32							Y	182.0812	91.5442					1

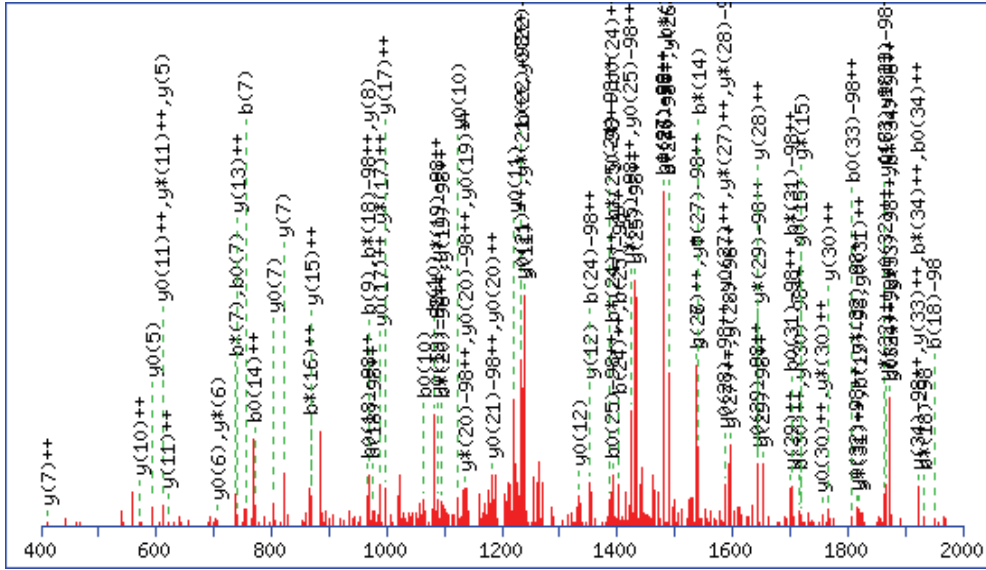
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1309.434	3	3925.268	0.0121	72.18	Y91	ASEHADNEEEQWpSDDFDSDpYENPDGHSDEMY	Oxidation (M); Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							32
2	159.0764	80.0418			141.0659	71.0366	S	3757.2613	1879.1343	3740.2347	1870.6210	3739.2507	1870.1290	31
3	288.1190	144.5631			270.1084	135.5579	E	3670.2293	1835.6183	3653.2027	1827.1050	3652.2187	1826.6130	30
4	425.1779	213.0926			407.1674	204.0873	H	3541.1867	1771.0970	3524.1601	1762.5837	3523.1761	1762.0917	29
5	496.2150	248.6112			478.2045	239.6059	A	3404.1277	1702.5675	3387.1012	1694.0542	3386.1172	1693.5622	28
6	611.2420	306.1246			593.2314	297.1193	D	3333.0906	1667.0490	3316.0641	1658.5357	3315.0801	1658.0437	27
7	725.2849	363.1461	708.2584	354.6328	707.2743	354.1408	N	3218.0637	1609.5355	3201.0371	1601.0222	3200.0531	1600.5302	26
8	854.3275	427.6674	837.3010	419.1541	836.3169	418.6621	E	3104.0208	1552.5140	3086.9942	1544.0007	3086.0102	1543.5087	25
9	983.3701	492.1887	966.3435	483.6754	965.3595	483.1834	E	2974.9782	1487.9927	2957.9516	1479.4794	2956.9676	1478.9874	24
10	1112.4127	556.7100	1095.3861	548.1967	1094.4021	547.7047	E	2845.9356	1423.4714	2828.9090	1414.9582	2827.9250	1414.4661	23
11	1240.4713	620.7393	1223.4447	612.2260	1222.4607	611.7340	Q	2716.8930	1358.9501	2699.8664	1350.4369	2698.8824	1349.9448	22
12	1426.5506	713.7789	1409.5240	705.2657	1408.5400	704.7736	W	2588.8344	1294.9208	2571.8079	1286.4076	2570.8238	1285.9156	21
13	1495.5720	748.2897	1478.5455	739.7764	1477.5615	739.2844	S	2402.7551	1201.8812	2385.7285	1193.3679	2384.7445	1192.8759	20
14	1610.5990	805.8031	1593.5724	797.2899	1592.5884	796.7978	D	2333.7336	1167.3705	2316.7071	1158.8572	2315.7231	1158.3652	19
15	1725.6259	863.3166	1708.5994	854.8033	1707.6154	854.3113	D	2218.7067	1109.8570	2201.6801	1101.3437	2200.6961	1100.8517	18
16	1872.6943	936.8508	1855.6678	928.3375	1854.6838	927.8455	F	2103.6797	1052.3435	2086.6532	1043.8302	2085.6692	1043.3382	17
17	1987.7213	994.3643	1970.6947	985.8510	1969.7107	985.3590	D	1956.6113	978.8093	1939.5848	970.2960	1938.6008	969.8040	16
18	2074.7533	1037.8803	2057.7268	1029.3670	2056.7427	1028.8750	S	1841.5844	921.2958	1824.5578	912.7826	1823.5738	912.2906	15
19	2189.7802	1095.3938	2172.7537	1086.8805	2171.7697	1086.3885	D	1754.5524	877.7798	1737.5258	869.2665	1736.5418	868.7745	14
20	2432.8099	1216.9086	2415.7834	1208.3953	2414.7993	1207.9033	Y	1639.5254	820.2663	1622.4989	811.7531	1621.5149	811.2611	13
21	2561.8525	1281.4299	2544.8259	1272.9166	2543.8419	1272.4246	E	1396.4958	698.7515	1379.4692	690.2382	1378.4852	689.7462	12
22	2675.8954	1338.4513	2658.8689	1329.9381	2657.8849	1329.4461	N	1267.4532	634.2302	1250.4266	625.7170	1249.4426	625.2249	11
23	2772.9482	1386.9777	2755.9216	1378.4645	2754.9376	1377.9724	P	1153.4102	577.2088			1135.3997	568.2035	10
24	2887.9751	1444.4912	2870.9486	1435.9779	2869.9646	1435.4859	D	1056.3575	528.6824			1038.3469	519.6771	9
25	2944.9966	1473.0019	2927.9700	1464.4887	2926.9860	1463.9967	G	941.3305	471.1689			923.3200	462.1636	8
26	3082.0555	1541.5314	3065.0290	1533.0181	3064.0449	1532.5261	H	884.3091	442.6582			866.2985	433.6529	7
27	3169.0875	1585.0474	3152.0610	1576.5341	3151.0770	1576.0421	S	747.2502	374.1287			729.2396	365.1234	6
28	3284.1145	1642.5609	3267.0879	1634.0476	3266.1039	1633.5556	D	660.2181	330.6127			642.2076	321.6074	5
29	3371.1465	1686.0769	3354.1200	1677.5636	3353.1359	1677.0716	S	545.1912	273.0992			527.1806	264.0940	4
30	3500.1891	1750.5982	3483.1625	1742.0849	3482.1785	1741.5929	E	458.1592	229.5832			440.1486	220.5779	3
31	3647.2245	1824.1159	3630.1979	1815.6026	3629.2139	1815.1106	M	329.1166	165.0619					2

32							Y	182.0812	91.5442					1
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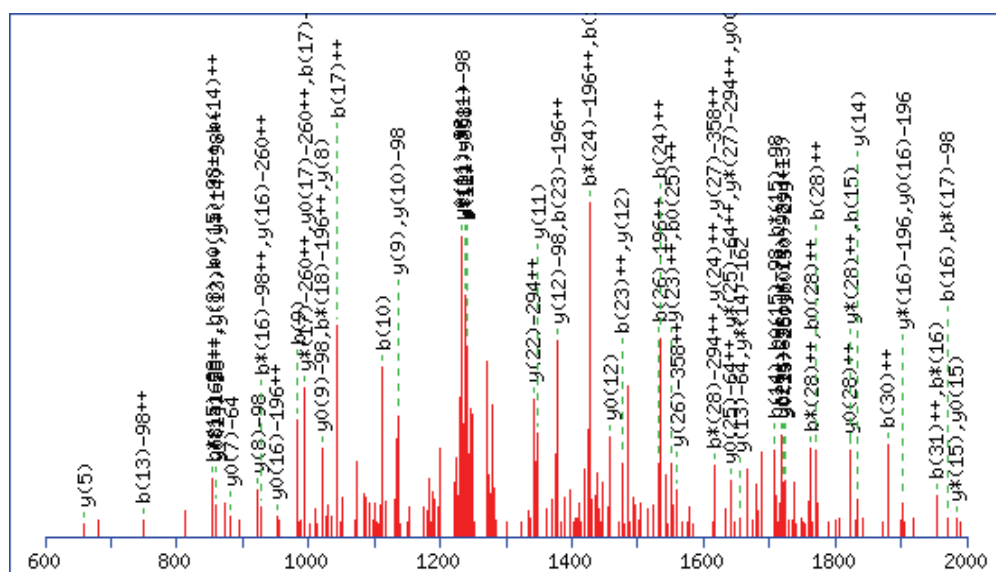
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1347.9623	3	4040.8568	0.0082	65.49		VVPSEENPDD(s)(y)EPPP(s)EQEKKKIPSSFPISRGEY	Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{++*}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{++*}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							35
2	199.1441	100.0757					V	3844.8188	1922.9130	3827.7923	1914.3998	3826.8082	1913.9078	34
3	296.1969	148.6021					P	3745.7504	1873.3788	3728.7238	1864.8656	3727.7398	1864.3736	33
4	383.2289	192.1181			365.2183	183.1128	S	3648.6976	1824.8525	3631.6711	1816.3392	3630.6871	1815.8472	32
5	512.2715	256.6394			494.2609	247.6341	E	3561.6656	1781.3364	3544.6391	1772.8232	3543.6550	1772.3312	31
6	641.3141	321.1607			623.3035	312.1554	E	3432.6230	1716.8151	3415.5965	1708.3019	3414.6124	1707.8099	30
7	755.3570	378.1821	738.3305	369.6689	737.3464	369.1769	N	3303.5804	1652.2938	3286.5539	1643.7806	3285.5699	1643.2886	29
8	852.4098	426.7085	835.3832	418.1953	834.3992	417.7032	P	3189.5375	1595.2724	3172.5109	1586.7591	3171.5269	1586.2671	28
9	967.4367	484.2220	950.4102	475.7087	949.4262	475.2167	D	3092.4847	1546.7460	3075.4582	1538.2327	3074.4742	1537.7407	27
10	1082.4637	541.7355	1065.4371	533.2222	1064.4531	532.7302	D	2977.4578	1489.2325	2960.4312	1480.7193	2959.4472	1480.2272	26
11	1169.4957	585.2515	1152.4691	576.7382	1151.4851	576.2462	S	2862.4308	1431.7191	2845.4043	1423.2058	2844.4203	1422.7138	25
12	1332.5590	666.7831	1315.5325	658.2699	1314.5485	657.7779	Y	2775.3988	1388.2030	2758.3723	1379.6898	2757.3883	1379.1978	24
13	1461.6016	731.3044	1444.5751	722.7912	1443.5910	722.2992	E	2612.3355	1306.6714	2595.3089	1298.1581	2594.3249	1297.6661	23
14	1558.6544	779.8308	1541.6278	771.3176	1540.6438	770.8255	P	2483.2929	1242.1501	2466.2663	1233.6368	2465.2823	1233.1448	22
15	1655.7071	828.3572	1638.6806	819.8439	1637.6966	819.3519	P	2386.2401	1193.6237	2369.2136	1185.1104	2368.2296	1184.6184	21
16	1752.7599	876.8836	1735.7334	868.3703	1734.7493	867.8783	P	2289.1874	1145.0973	2272.1608	1136.5840	2271.1768	1136.0920	20
17	1821.7814	911.3943	1804.7548	902.8810	1803.7708	902.3890	S	2192.1346	1096.5709	2175.1081	1088.0577	2174.1240	1087.5657	19
18	1950.8240	975.9156	1933.7974	967.4023	1932.8134	966.9103	E	2123.1131	1062.0602	2106.0866	1053.5469	2105.1026	1053.0549	18
19	2078.8825	1039.9449	2061.8560	1031.4316	2060.8720	1030.9396	Q	1994.0706	997.5389	1977.0440	989.0256	1976.0600	988.5336	17
20	2207.9251	1104.4662	2190.8986	1095.9529	2189.9146	1095.4609	E	1866.0120	933.5096	1848.9854	924.9964	1848.0014	924.5043	16
21	2336.0201	1168.5137	2318.9935	1160.0004	2318.0095	1159.5084	K	1736.9694	868.9883	1719.9428	860.4751	1718.9588	859.9830	15
22	2464.1150	1232.5612	2447.0885	1224.0479	2446.1045	1223.5559	K	1608.8744	804.9408	1591.8479	796.4276	1590.8639	795.9356	14
23	2592.2100	1296.6086	2575.1835	1288.0954	2574.1994	1287.6034	K	1480.7795	740.8934	1463.7529	732.3801	1462.7689	731.8881	13
24	2705.2941	1353.1507	2688.2675	1344.6374	2687.2835	1344.1454	I	1352.6845	676.8459	1335.6579	668.3326	1334.6739	667.8406	12
25	2802.3468	1401.6771	2785.3203	1393.1638	2784.3363	1392.6718	P	1239.6004	620.3039	1222.5739	611.7906	1221.5899	611.2986	11
26	2889.3789	1445.1931	2872.3523	1436.6798	2871.3683	1436.1878	S	1142.5477	571.7775	1125.5211	563.2642	1124.5371	562.7722	10
27	2976.4109	1488.7091	2959.3843	1480.1958	2958.4003	1479.7038	S	1055.5156	528.2615	1038.4891	519.7482	1037.5051	519.2562	9
28	3123.4793	1562.2433	3106.4528	1553.7300	3105.4687	1553.2380	F	968.4836	484.7454	951.4571	476.2322	950.4730	475.7402	8
29	3220.5321	1610.7697	3203.5055	1602.2564	3202.5215	1601.7644	P	821.4152	411.2112	804.3886	402.6980	803.4046	402.2060	7
30	3333.6161	1667.3117	3316.5896	1658.7984	3315.6056	1658.3064	I	724.3624	362.6849	707.3359	354.1716	706.3519	353.6796	6
31	3420.6482	1710.8277	3403.6216	1702.3144	3402.6376	1701.8224	S	611.2784	306.1428	594.2518	297.6295	593.2678	297.1375	5
32	3576.7493	1788.8783	3559.7227	1780.3650	3558.7387	1779.8730	R	524.2463	262.6268	507.2198	254.1135	506.2358	253.6215	4

33	3633.7707	1817.3890	3616.7442	1808.8757	3615.7602	1808.3837	G	368.1452	184.5763			350.1347	175.5710	3
34	3762.8133	1881.9103	3745.7868	1873.3970	3744.8028	1872.9050	E	311.1238	156.0655			293.1132	147.0602	2
35							Y	182.0812	91.5442					1

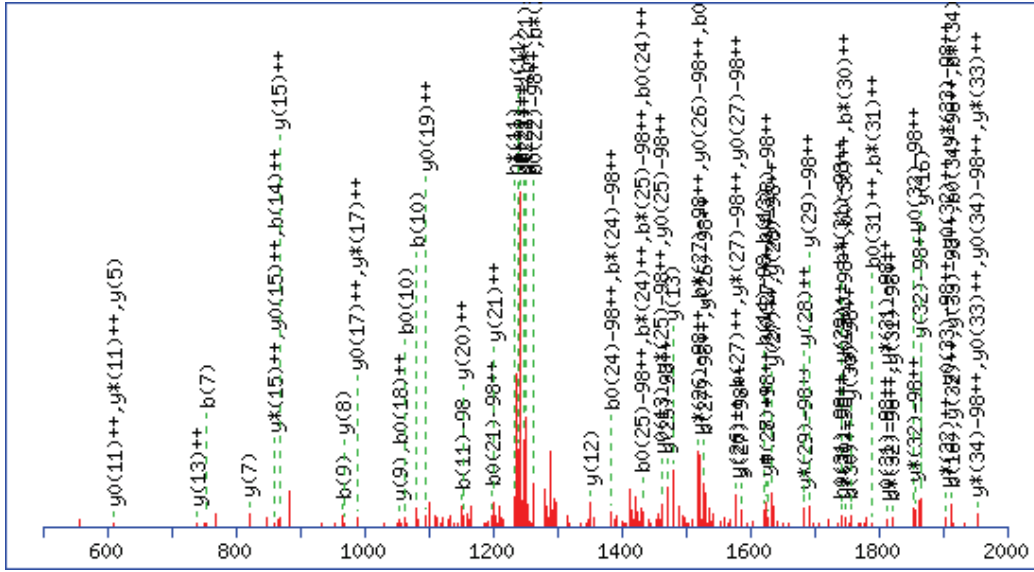
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1362.7432	3	4085.2006	0.007	39.98		ASEHADNEEEQW(s)DDFD(s)D(y)ENPDGH(s)D(s)EMY	Oxidation (M); 3 Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	72.0444	36.5258					A							32
2	159.0764	80.0418			141.0659	71.0366	S	4015.1708	2008.0890	3998.1443	1999.5758	3997.1603	1999.0838	31
3	288.1190	144.5631			270.1084	135.5579	E	3928.1388	1964.5730	3911.1122	1956.0598	3910.1282	1955.5678	30
4	425.1779	213.0926			407.1674	204.0873	H	3799.0962	1900.0517	3782.0697	1891.5385	3781.0856	1891.0465	29
5	496.2150	248.6112			478.2045	239.6059	A	3662.0373	1831.5223	3645.0107	1823.0090	3644.0267	1822.5170	28
6	611.2420	306.1246			593.2314	297.1193	D	3591.0002	1796.0037	3573.9736	1787.4905	3572.9896	1786.9984	27
7	725.2849	363.1461	708.2584	354.6328	707.2743	354.1408	N	3475.9732	1738.4903	3458.9467	1729.9770	3457.9627	1729.4850	26
8	854.3275	427.6674	837.3010	419.1541	836.3169	418.6621	E	3361.9303	1681.4688	3344.9038	1672.9555	3343.9197	1672.4635	25
9	983.3701	492.1887	966.3435	483.6754	965.3595	483.1834	E	3232.8877	1616.9475	3215.8612	1608.4342	3214.8771	1607.9422	24
10	1112.4127	556.7100	1095.3861	548.1967	1094.4021	547.7047	E	3103.8451	1552.4262	3086.8186	1543.9129	3085.8346	1543.4209	23
11	1240.4713	620.7393	1223.4447	612.2260	1222.4607	611.7340	Q	2974.8025	1487.9049	2957.7760	1479.3916	2956.7920	1478.8996	22
12	1426.5506	713.7789	1409.5240	705.2657	1408.5400	704.7736	W	2846.7439	1423.8756	2829.7174	1415.3623	2828.7334	1414.8703	21
13	1593.5489	797.2781	1576.5224	788.7648	1575.5384	788.2728	S	2660.6646	1330.8360	2643.6381	1322.3227	2642.6541	1321.8307	20
14	1708.5759	854.7916	1691.5493	846.2783	1690.5653	845.7863	D	2493.6663	1247.3368	2476.6397	1238.8235	2475.6557	1238.3315	19
15	1823.6028	912.3050	1806.5763	903.7918	1805.5923	903.2998	D	2378.6393	1189.8233	2361.6128	1181.3100	2360.6288	1180.8180	18
16	1970.6712	985.8393	1953.6447	977.3260	1952.6607	976.8340	F	2263.6124	1132.3098	2246.5858	1123.7966	2245.6018	1123.3046	17
17	2085.6982	1043.3527	2068.6716	1034.8394	2067.6876	1034.3474	D	2116.5440	1058.7756	2099.5174	1050.2624	2098.5334	1049.7703	16
18	2252.6965	1126.8519	2235.6700	1118.3386	2234.6860	1117.8466	S	2001.5170	1001.2622	1984.4905	992.7489	1983.5065	992.2569	15
19	2367.7235	1184.3654	2350.6969	1175.8521	2349.7129	1175.3601	D	1834.5187	917.7630	1817.4921	909.2497	1816.5081	908.7577	14
20	2610.7531	1305.8802	2593.7266	1297.3669	2592.7426	1296.8749	Y	1719.4917	860.2495	1702.4652	851.7362	1701.4812	851.2442	13
21	2739.7957	1370.4015	2722.7692	1361.8882	2721.7851	1361.3962	E	1476.4621	738.7347	1459.4355	730.2214	1458.4515	729.7294	12
22	2853.8386	1427.4230	2836.8121	1418.9097	2835.8281	1418.4177	N	1347.4195	674.2134	1330.3930	665.7001	1329.4089	665.2081	11
23	2950.8914	1475.9493	2933.8649	1467.4361	2932.8808	1466.9441	P	1233.3766	617.1919			1215.3660	608.1866	10
24	3065.9183	1533.4628	3048.8918	1524.9495	3047.9078	1524.4575	D	1136.3238	568.6655			1118.3132	559.6603	9
25	3122.9398	1561.9735	3105.9133	1553.4603	3104.9292	1552.9683	G	1021.2969	511.1521			1003.2863	502.1468	8
26	3259.9987	1630.5030	3242.9722	1621.9897	3241.9882	1621.4977	H	964.2754	482.6413			946.2648	473.6361	7
27	3426.9971	1714.0022	3409.9705	1705.4889	3408.9865	1704.9969	S	827.2165	414.1119			809.2059	405.1066	6
28	3542.0240	1771.5156	3524.9975	1763.0024	3524.0135	1762.5104	D	660.2181	330.6127			642.2076	321.6074	5
29	3629.0560	1815.0317	3612.0295	1806.5184	3611.0455	1806.0264	S	545.1912	273.0992			527.1806	264.0940	4
30	3758.0986	1879.5530	3741.0721	1871.0397	3740.0881	1870.5477	E	458.1592	229.5832			440.1486	220.5779	3
31	3905.1340	1953.0707	3888.1075	1944.5574	3887.1235	1944.0654	M	329.1166	165.0619					2

32							Y	182.0812	91.5442					1
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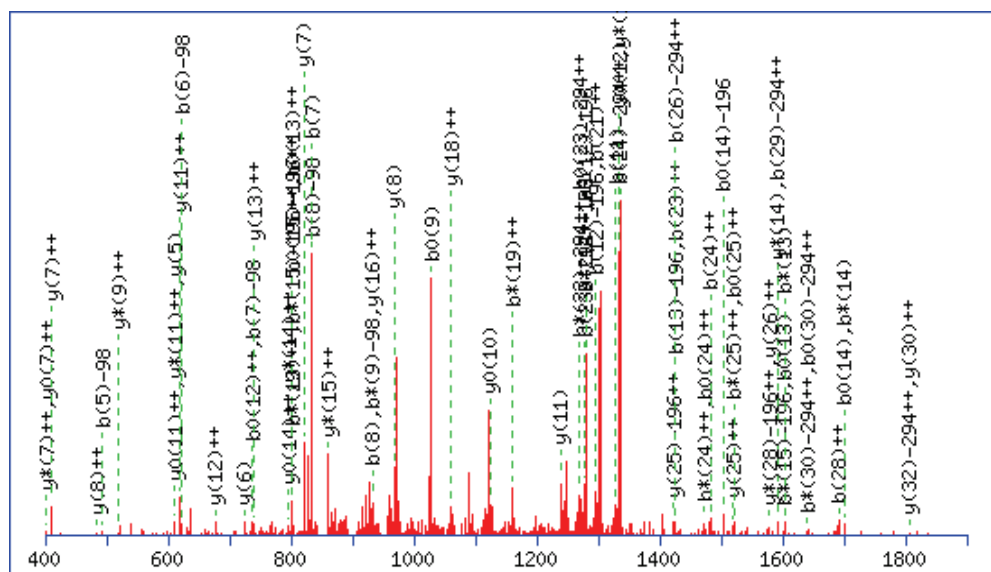
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1374.6223	3	4120.8231	0.022	61.45	S114, Y115	VVPSEENPDDpSpYEPPPEQEKKKIPSSFPISRGEY	Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							35
2	199.1441	100.0757					V	3924.7851	1962.8962	3907.7586	1954.3829	3906.7746	1953.8909	34
3	296.1969	148.6021					P	3825.7167	1913.3620	3808.6902	1904.8487	3807.7062	1904.3567	33
4	383.2289	192.1181			365.2183	183.1128	S	3728.6640	1864.8356	3711.6374	1856.3223	3710.6534	1855.8303	32
5	512.2715	256.6394			494.2609	247.6341	E	3641.6319	1821.3196	3624.6054	1812.8063	3623.6214	1812.3143	31
6	641.3141	321.1607			623.3035	312.1554	E	3512.5893	1756.7983	3495.5628	1748.2850	3494.5788	1747.7930	30
7	755.3570	378.1821	738.3305	369.6689	737.3464	369.1769	N	3383.5467	1692.2770	3366.5202	1683.7637	3365.5362	1683.2717	29
8	852.4098	426.7085	835.3832	418.1953	834.3992	417.7032	P	3269.5038	1635.2555	3252.4773	1626.7423	3251.4933	1626.2503	28
9	967.4367	484.2220	950.4102	475.7087	949.4262	475.2167	D	3172.4511	1586.7292	3155.4245	1578.2159	3154.4405	1577.7239	27
10	1082.4637	541.7355	1065.4371	533.2222	1064.4531	532.7302	D	3057.4241	1529.2157	3040.3976	1520.7024	3039.4135	1520.2104	26
11	1151.4851	576.2462	1134.4586	567.7329	1133.4746	567.2409	S	2942.3972	1471.7022	2925.3706	1463.1889	2924.3866	1462.6969	25
12	1394.5148	697.7610	1377.4882	689.2477	1376.5042	688.7557	Y	2873.3757	1437.1915	2856.3492	1428.6782	2855.3651	1428.1862	24
13	1523.5574	762.2823	1506.5308	753.7690	1505.5468	753.2770	E	2630.3461	1315.6767	2613.3195	1307.1634	2612.3355	1306.6714	23
14	1620.6101	810.8087	1603.5836	802.2954	1602.5996	801.8034	P	2501.3035	1251.1554	2484.2769	1242.6421	2483.2929	1242.1501	22
15	1717.6629	859.3351	1700.6363	850.8218	1699.6523	850.3298	P	2404.2507	1202.6290	2387.2242	1194.1157	2386.2401	1193.6237	21
16	1814.7157	907.8615	1797.6891	899.3482	1796.7051	898.8562	P	2307.1979	1154.1026	2290.1714	1145.5893	2289.1874	1145.0973	20
17	1901.7477	951.3775	1884.7211	942.8642	1883.7371	942.3722	S	2210.1452	1105.5762	2193.1186	1097.0630	2192.1346	1096.5709	19
18	2030.7903	1015.8988	2013.7637	1007.3855	2012.7797	1006.8935	E	2123.1131	1062.0602	2106.0866	1053.5469	2105.1026	1053.0549	18
19	2158.8489	1079.9281	2141.8223	1071.4148	2140.8383	1070.9228	Q	1994.0706	997.5389	1977.0440	989.0256	1976.0600	988.5336	17
20	2287.8914	1144.4494	2270.8649	1135.9361	2269.8809	1135.4441	E	1866.0120	933.5096	1848.9854	924.9964	1848.0014	924.5043	16
21	2415.9864	1208.4968	2398.9599	1199.9836	2397.9758	1199.4916	K	1736.9694	868.9883	1719.9428	860.4751	1718.9588	859.9830	15
22	2544.0814	1272.5443	2527.0548	1264.0310	2526.0708	1263.5390	K	1608.8744	804.9408	1591.8479	796.4276	1590.8639	795.9356	14
23	2672.1763	1336.5918	2655.1498	1328.0785	2654.1658	1327.5865	K	1480.7795	740.8934	1463.7529	732.3801	1462.7689	731.8881	13
24	2785.2604	1393.1338	2768.2338	1384.6206	2767.2498	1384.1286	I	1352.6845	676.8459	1335.6579	668.3326	1334.6739	667.8406	12
25	2882.3132	1441.6602	2865.2866	1433.1469	2864.3026	1432.6549	P	1239.6004	620.3039	1222.5739	611.7906	1221.5899	611.2986	11
26	2969.3452	1485.1762	2952.3186	1476.6630	2951.3346	1476.1710	S	1142.5477	571.7775	1125.5211	563.2642	1124.5371	562.7722	10
27	3056.3772	1528.6922	3039.3507	1520.1790	3038.3667	1519.6870	S	1055.5156	528.2615	1038.4891	519.7482	1037.5051	519.2562	9
28	3203.4456	1602.2265	3186.4191	1593.7132	3185.4351	1593.2212	F	968.4836	484.7454	951.4571	476.2322	950.4730	475.7402	8
29	3300.4984	1650.7528	3283.4718	1642.2396	3282.4878	1641.7476	P	821.4152	411.2112	804.3886	402.6980	803.4046	402.2060	7
30	3413.5825	1707.2949	3396.5559	1698.7816	3395.5719	1698.2896	I	724.3624	362.6849	707.3359	354.1716	706.3519	353.6796	6
31	3500.6145	1750.8109	3483.5879	1742.2976	3482.6039	1741.8056	S	611.2784	306.1428	594.2518	297.6295	593.2678	297.1375	5
32	3656.7156	1828.8614	3639.6891	1820.3482	3638.7050	1819.8562	R	524.2463	262.6268	507.2198	254.1135	506.2358	253.6215	4

33	3713.7371	1857.3722	3696.7105	1848.8589	3695.7265	1848.3669	G	368.1452	184.5763			350.1347	175.5710	3
34	3842.7797	1921.8935	3825.7531	1913.3802	3824.7691	1912.8882	E	311.1238	156.0655			293.1132	147.0602	2
35							Y	182.0812	91.5442					1

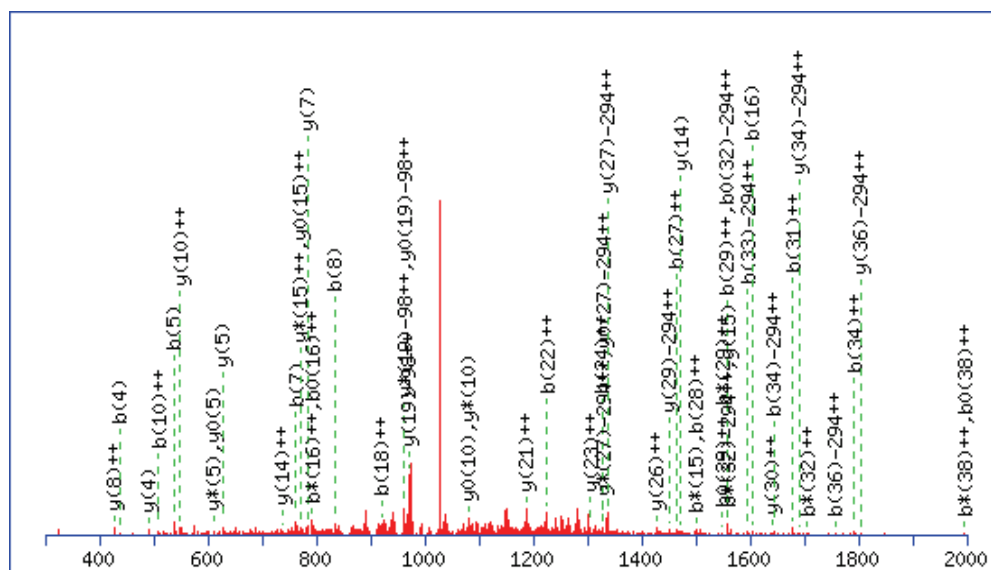
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1051.2052	4	4200.7894	0.0023	23.74		VVP(s)EENPDD(s)(y)EPPP(s)EQEKKIPSSFPISRGEY	3 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							35
2	199.1441	100.0757					V	3808.7977	1904.9025	3791.7711	1896.3892	3790.7871	1895.8972	34
3	296.1969	148.6021					P	3709.7293	1855.3683	3692.7027	1846.8550	3691.7187	1846.3630	33
4	365.2183	183.1128			347.2078	174.1075	S	3612.6765	1806.8419	3595.6499	1798.3286	3594.6659	1797.8366	32
5	494.2609	247.6341			476.2504	238.6288	E	3543.6550	1772.3312	3526.6285	1763.8179	3525.6445	1763.3259	31
6	623.3035	312.1554			605.2929	303.1501	E	3414.6124	1707.8099	3397.5859	1699.2966	3396.6019	1698.8046	30
7	737.3464	369.1769	720.3199	360.6636	719.3359	360.1716	N	3285.5698	1643.2886	3268.5433	1634.7753	3267.5593	1634.2833	29
8	834.3992	417.7032	817.3727	409.1900	816.3886	408.6980	P	3171.5269	1586.2671	3154.5004	1577.7538	3153.5164	1577.2618	28
9	949.4261	475.2167	932.3996	466.7034	931.4156	466.2114	D	3074.4742	1537.7407	3057.4476	1529.2274	3056.4636	1528.7354	27
10	1064.4531	532.7302	1047.4265	524.2169	1046.4425	523.7249	D	2959.4472	1480.2272	2942.4207	1471.7140	2941.4366	1471.2220	26
11	1133.4745	567.2409	1116.4480	558.7276	1115.4640	558.2356	S	2844.4203	1422.7138	2827.3937	1414.2005	2826.4097	1413.7085	25
12	1296.5379	648.7726	1279.5113	640.2593	1278.5273	639.7673	Y	2775.3988	1388.2030	2758.3723	1379.6898	2757.3883	1379.1978	24
13	1425.5805	713.2939	1408.5539	704.7806	1407.5699	704.2886	E	2612.3355	1306.6714	2595.3089	1298.1581	2594.3249	1297.6661	23
14	1522.6332	761.8203	1505.6067	753.3070	1504.6227	752.8150	P	2483.2929	1242.1501	2466.2663	1233.6368	2465.2823	1233.1448	22
15	1619.6860	810.3466	1602.6594	801.8334	1601.6754	801.3414	P	2386.2401	1193.6237	2369.2136	1185.1104	2368.2296	1184.6184	21
16	1716.7388	858.8730	1699.7122	850.3597	1698.7282	849.8677	P	2289.1874	1145.0973	2272.1608	1136.5840	2271.1768	1136.0920	20
17	1785.7602	893.3837	1768.7337	884.8705	1767.7496	884.3785	S	2192.1346	1096.5709	2175.1081	1088.0577	2174.1240	1087.5657	19
18	1914.8028	957.9050	1897.7763	949.3918	1896.7922	948.8998	E	2123.1131	1062.0602	2106.0866	1053.5469	2105.1026	1053.0549	18
19	2042.8614	1021.9343	2025.8348	1013.4211	2024.8508	1012.9290	Q	1994.0706	997.5389	1977.0440	989.0256	1976.0600	988.5336	17
20	2171.9040	1086.4556	2154.8774	1077.9424	2153.8934	1077.4503	E	1866.0120	933.5096	1848.9854	924.9964	1848.0014	924.5043	16
21	2299.9989	1150.5031	2282.9724	1141.9898	2281.9884	1141.4978	K	1736.9694	868.9883	1719.9428	860.4751	1718.9588	859.9830	15
22	2428.0939	1214.5506	2411.0674	1206.0373	2410.0833	1205.5453	K	1608.8744	804.9408	1591.8479	796.4276	1590.8639	795.9356	14
23	2556.1889	1278.5981	2539.1623	1270.0848	2538.1783	1269.5928	K	1480.7795	740.8934	1463.7529	732.3801	1462.7689	731.8881	13
24	2669.2729	1335.1401	2652.2464	1326.6268	2651.2624	1326.1348	I	1352.6845	676.8459	1335.6579	668.3326	1334.6739	667.8406	12
25	2766.3257	1383.6665	2749.2991	1375.1532	2748.3151	1374.6612	P	1239.6004	620.3039	1222.5739	611.7906	1221.5899	611.2986	11
26	2853.3577	1427.1825	2836.3312	1418.6692	2835.3472	1418.1772	S	1142.5477	571.7775	1125.5211	563.2642	1124.5371	562.7722	10
27	2940.3898	1470.6985	2923.3632	1462.1852	2922.3792	1461.6932	S	1055.5156	528.2615	1038.4891	519.7482	1037.5051	519.2562	9
28	3087.4582	1544.2327	3070.4316	1535.7194	3069.4476	1535.2274	F	968.4836	484.7454	951.4571	476.2322	950.4730	475.7402	8
29	3184.5109	1592.7591	3167.4844	1584.2458	3166.5004	1583.7538	P	821.4152	411.2112	804.3886	402.6980	803.4046	402.2060	7
30	3297.5950	1649.3011	3280.5684	1640.7879	3279.5844	1640.2959	I	724.3624	362.6849	707.3359	354.1716	706.3519	353.6796	6
31	3384.6270	1692.8171	3367.6005	1684.3039	3366.6165	1683.8119	S	611.2784	306.1428	594.2518	297.6295	593.2678	297.1375	5
32	3540.7281	1770.8677	3523.7016	1762.3544	3522.7176	1761.8624	R	524.2463	262.6268	507.2198	254.1135	506.2358	253.6215	4

33	3597.7496	1799.3784	3580.7230	1790.8652	3579.7390	1790.3732	G	368.1452	184.5763			350.1347	175.5710	3
34	3726.7922	1863.8997	3709.7656	1855.3865	3708.7816	1854.8944	E	311.1238	156.0655			293.1132	147.0602	2
35							Y	182.0812	91.5442					1

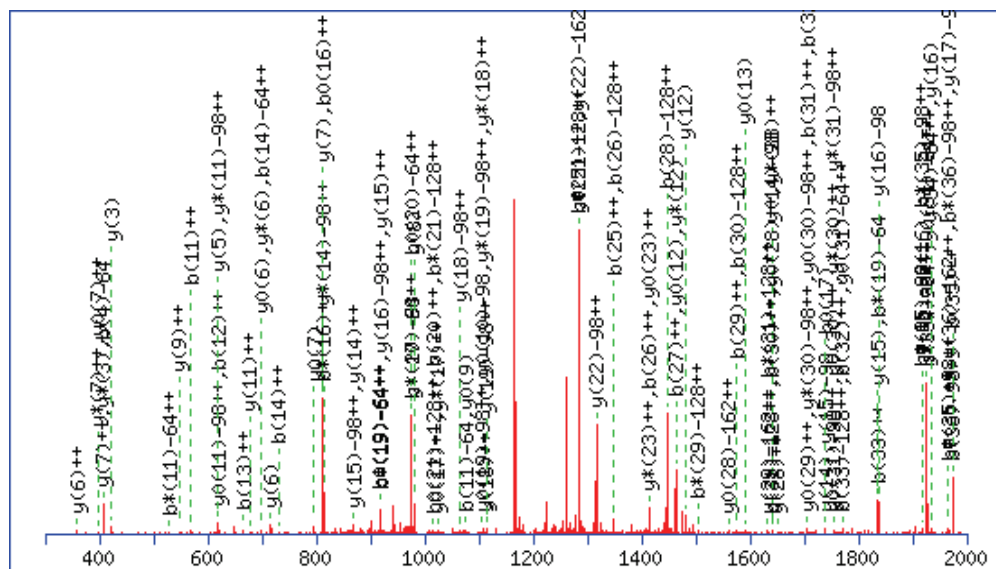
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1053.4919	4	4209.9174	0.0212	16.93		VLPKVPEAPSRALG(t)(s)PH(s)(s)l(s)(s)(t)ADQDAGVHSAW	3 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	100.0757	50.5415					V							39
2	213.1598	107.0835					L	3817.9256	1909.4664	3800.8991	1900.9532	3799.9150	1900.4612	38
3	310.2125	155.6099					P	3704.8415	1852.9244	3687.8150	1844.4111	3686.8310	1843.9191	37
4	438.3075	219.6574	421.2809	211.1441			K	3607.7888	1804.3980	3590.7622	1795.8848	3589.7782	1795.3927	36
5	537.3759	269.1916	520.3493	260.6783			V	3479.6938	1740.3505	3462.6673	1731.8373	3461.6832	1731.3453	35
6	634.4287	317.7180	617.4021	309.2047			P	3380.6254	1690.8163	3363.5989	1682.3031	3362.6148	1681.8111	34
7	763.4713	382.2393	746.4447	373.7260	745.4607	373.2340	E	3283.5726	1642.2900	3266.5461	1633.7767	3265.5621	1633.2847	33
8	834.5084	417.7578	817.4818	409.2445	816.4978	408.7525	A	3154.5300	1577.7687	3137.5035	1569.2554	3136.5195	1568.7634	32
9	931.5611	466.2842	914.5346	457.7709	913.5506	457.2789	P	3083.4929	1542.2501	3066.4664	1533.7368	3065.4824	1533.2448	31
10	1018.5932	509.8002	1001.5666	501.2869	1000.5826	500.7949	S	2986.4402	1493.7237	2969.4136	1485.2104	2968.4296	1484.7184	30
11	1174.6943	587.8508	1157.6677	579.3375	1156.6837	578.8455	R	2899.4081	1450.2077	2882.3816	1441.6944	2881.3976	1441.2024	29
12	1245.7314	623.3693	1228.7048	614.8561	1227.7208	614.3640	A	2743.3070	1372.1572	2726.2805	1363.6439	2725.2965	1363.1519	28
13	1358.8154	679.9114	1341.7889	671.3981	1340.8049	670.9061	L	2672.2699	1336.6386	2655.2434	1328.1253	2654.2593	1327.6333	27
14	1415.8369	708.4221	1398.8104	699.9088	1397.8263	699.4168	G	2559.1858	1280.0966	2542.1593	1271.5833	2541.1753	1271.0913	26
15	1516.8846	758.9459	1499.8580	750.4327	1498.8740	749.9407	T	2502.1644	1251.5858	2485.1378	1243.0726	2484.1538	1242.5805	25
16	1603.9166	802.4619	1586.8901	793.9487	1585.9061	793.4567	S	2401.1167	1201.0620	2384.0902	1192.5487	2383.1061	1192.0567	24
17	1700.9694	850.9883	1683.9428	842.4751	1682.9588	841.9830	P	2314.0847	1157.5460	2297.0581	1149.0327	2296.0741	1148.5407	23
18	1838.0283	919.5178	1821.0017	911.0045	1820.0177	910.5125	H	2217.0319	1109.0196	2200.0054	1100.5063	2199.0213	1100.0143	22
19	1907.0498	954.0285	1890.0232	945.5152	1889.0392	945.0232	S	2079.9730	1040.4901	2062.9465	1031.9769	2061.9624	1031.4849	21
20	1976.0712	988.5392	1959.0447	980.0260	1958.0606	979.5340	S	2010.9515	1005.9794	1993.9250	997.4661	1992.9410	996.9741	20
21	2089.1553	1045.0813	2072.1287	1036.5680	2071.1447	1036.0760	I	1941.9301	971.4687	1924.9035	962.9554	1923.9195	962.4634	19
22	2158.1767	1079.5920	2141.1502	1071.0787	2140.1662	1070.5867	S	1828.8460	914.9267	1811.8195	906.4134	1810.8355	905.9214	18
23	2245.2088	1123.1080	2228.1822	1114.5947	2227.1982	1114.1027	S	1759.8246	880.4159	1742.7980	871.9026	1741.8140	871.4106	17
24	2358.2928	1179.6500	2341.2663	1171.1368	2340.2823	1170.6448	I	1672.7925	836.8999	1655.7660	828.3866	1654.7820	827.8946	16
25	2445.3248	1223.1661	2428.2983	1214.6528	2427.3143	1214.1608	S	1559.7085	780.3579	1542.6819	771.8446	1541.6979	771.3526	15
26	2532.3569	1266.6821	2515.3303	1258.1688	2514.3463	1257.6768	S	1472.6764	736.8419	1455.6499	728.3286	1454.6659	727.8366	14
27	2633.4046	1317.2059	2616.3780	1308.6926	2615.3940	1308.2006	T	1385.6444	693.3258	1368.6179	684.8126	1367.6339	684.3206	13
28	2704.4417	1352.7245	2687.4151	1344.2112	2686.4311	1343.7192	A	1284.5967	642.8020	1267.5702	634.2887	1266.5862	633.7967	12
29	2819.4686	1410.2379	2802.4421	1401.7247	2801.4580	1401.2327	D	1213.5596	607.2835	1196.5331	598.7702	1195.5491	598.2782	11
30	2947.5272	1474.2672	2930.5006	1465.7540	2929.5166	1465.2619	Q	1098.5327	549.7700	1081.5061	541.2567	1080.5221	540.7647	10
31	3062.5541	1531.7807	3045.5276	1523.2674	3044.5436	1522.7754	D	970.4741	485.7407	953.4476	477.2274	952.4635	476.7354	9
32	3133.5912	1567.2993	3116.5647	1558.7860	3115.5807	1558.2940	A	855.4472	428.2272	838.4206	419.7139	837.4366	419.2219	8

33	3190.6127	1595.8100	3173.5862	1587.2967	3172.6021	1586.8047	G	784.4100	392.7087	767.3835	384.1954	766.3995	383.7034	7
34	3289.6811	1645.3442	3272.6546	1636.8309	3271.6706	1636.3389	V	727.3886	364.1979	710.3620	355.6847	709.3780	355.1926	6
35	3426.7400	1713.8737	3409.7135	1705.3604	3408.7295	1704.8684	H	628.3202	314.6637	611.2936	306.1504	610.3096	305.6584	5
36	3513.7721	1757.3897	3496.7455	1748.8764	3495.7615	1748.3844	S	491.2613	246.1343	474.2347	237.6210	473.2507	237.1290	4
37	3641.8670	1821.4372	3624.8405	1812.9239	3623.8565	1812.4319	K	404.2292	202.6183	387.2027	194.1050			3
38	3712.9041	1856.9557	3695.8776	1848.4424	3694.8936	1847.9504	A	276.1343	138.5708					2
39							W	205.0972	103.0522					1

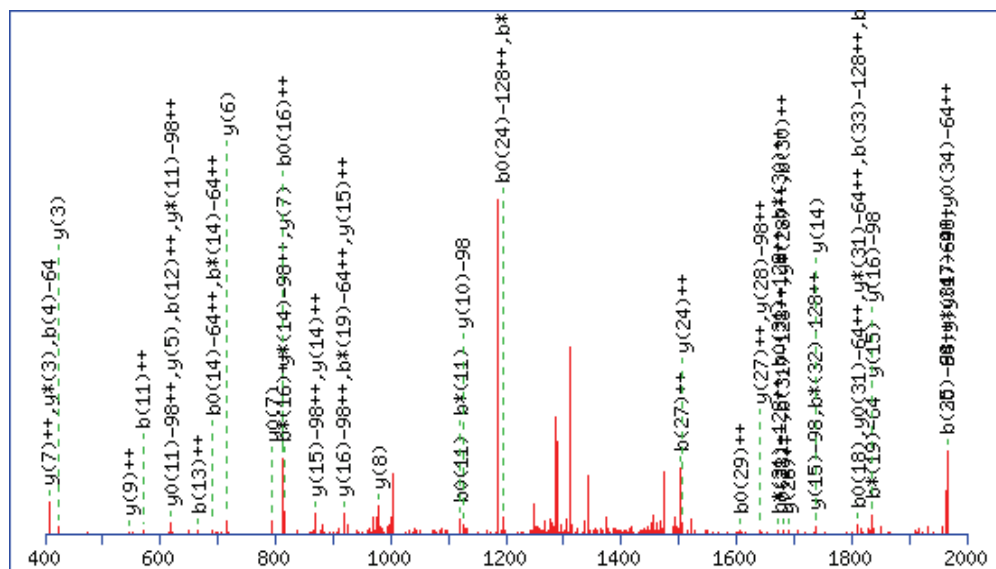
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1190.8249	4	4759.2689	0.0015	36.51	S259	MKPPAKSALPTPPKPSLASDMQEVYEVPEEEEEpSPPPVTRF	2 Oxidation (M); Phospho (ST)



#	b	b ⁺⁺	b [*]	b ⁺⁺⁺	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ⁺⁺⁺	y ⁰	y ⁰⁺⁺	#
1	148.0427	74.5250					M							42
2	276.1376	138.5725	259.1111	130.0592			K	4515.2640	2258.1356	4498.2374	2249.6224	4497.2534	2249.1303	41
3	373.1904	187.0988	356.1639	178.5856			P	4387.1690	2194.0881	4370.1425	2185.5749	4369.1584	2185.0829	40
4	470.2432	235.6252	453.2166	227.1119			P	4290.1162	2145.5618	4273.0897	2137.0485	4272.1057	2136.5565	39
5	541.2803	271.1438	524.2537	262.6305			A	4193.0635	2097.0354	4176.0369	2088.5221	4175.0529	2088.0301	38
6	669.3752	335.1913	652.3487	326.6780			K	4122.0264	2061.5168	4104.9998	2053.0035	4104.0158	2052.5115	37
7	756.4073	378.7073	739.3807	370.1940	738.3967	369.7020	S	3993.9314	1997.4693	3976.9049	1988.9561	3975.9208	1988.4641	36
8	827.4444	414.2258	810.4178	405.7126	809.4338	405.2206	A	3906.8994	1953.9533	3889.8728	1945.4401	3888.8888	1944.9480	35
9	940.5285	470.7679	923.5019	462.2546	922.5179	461.7626	L	3835.8623	1918.4348	3818.8357	1909.9215	3817.8517	1909.4295	34
10	1037.5812	519.2942	1020.5547	510.7810	1019.5707	510.2890	P	3722.7782	1861.8927	3705.7517	1853.3795	3704.7676	1852.8875	33
11	1138.6289	569.8181	1121.6023	561.3048	1120.6183	560.8128	T	3625.7254	1813.3664	3608.6989	1804.8531	3607.7149	1804.3611	32
12	1235.6817	618.3445	1218.6551	609.8312	1217.6711	609.3392	P	3524.6778	1762.8425	3507.6512	1754.3292	3506.6672	1753.8372	31
13	1332.7344	666.8709	1315.7079	658.3576	1314.7239	657.8656	P	3427.6250	1714.3161	3410.5984	1705.8029	3409.6144	1705.3109	30
14	1460.8294	730.9183	1443.8028	722.4051	1442.8188	721.9130	K	3330.5722	1665.7898	3313.5457	1657.2765	3312.5617	1656.7845	29
15	1557.8822	779.4447	1540.8556	770.9314	1539.8716	770.4394	P	3202.4773	1601.7423	3185.4507	1593.2290	3184.4667	1592.7370	28
16	1644.9142	822.9607	1627.8876	814.4475	1626.9036	813.9554	S	3105.4245	1553.2159	3088.3980	1544.7026	3087.4139	1544.2106	27
17	1757.9982	879.5028	1740.9717	870.9895	1739.9877	870.4975	L	3018.3925	1509.6999	3001.3659	1501.1866	3000.3819	1500.6946	26
18	1829.0354	915.0213	1812.0088	906.5080	1811.0248	906.0160	A	2905.3084	1453.1578	2888.2819	1444.6446	2887.2978	1444.1526	25
19	1916.0674	958.5373	1899.0408	950.0241	1898.0568	949.5320	S	2834.2713	1417.6393	2817.2447	1409.1260	2816.2607	1408.6340	24
20	2031.0943	1016.0508	2014.0678	1007.5375	2013.0838	1007.0455	D	2747.2393	1374.1233	2730.2127	1365.6100	2729.2287	1365.1180	23
21	2178.1297	1089.5685	2161.1032	1081.0552	2160.1192	1080.5632	M	2632.2123	1316.6098	2615.1858	1308.0965	2614.2018	1307.6045	22
22	2306.1883	1153.5978	2289.1618	1145.0845	2288.1777	1144.5925	Q	2485.1769	1243.0921	2468.1504	1234.5788	2467.1664	1234.0868	21
23	2435.2309	1218.1191	2418.2044	1209.6058	2417.2203	1209.1138	E	2357.1183	1179.0628	2340.0918	1170.5495	2339.1078	1170.0575	20
24	2534.2993	1267.6533	2517.2728	1259.1400	2516.2888	1258.6480	V	2228.0758	1114.5415	2211.0492	1106.0282	2210.0652	1105.5362	19
25	2697.3626	1349.1850	2680.3361	1340.6717	2679.3521	1340.1797	Y	2129.0073	1065.0073	2111.9808	1056.4940	2110.9968	1056.0020	18
26	2826.4052	1413.7063	2809.3787	1405.1930	2808.3947	1404.7010	E	1965.9440	983.4756	1948.9175	974.9624	1947.9334	974.4704	17
27	2925.4737	1463.2405	2908.4471	1454.7272	2907.4631	1454.2352	V	1836.9014	918.9543	1819.8749	910.4411	1818.8908	909.9491	16
28	3022.5264	1511.7668	3005.4999	1503.2536	3004.5159	1502.7616	P	1737.8330	869.4201	1720.8065	860.9069	1719.8224	860.4149	15
29	3151.5690	1576.2881	3134.5425	1567.7749	3133.5584	1567.2829	E	1640.7802	820.8938	1623.7537	812.3805	1622.7697	811.8885	14
30	3280.6116	1640.8094	3263.5851	1632.2962	3262.6010	1631.8042	E	1511.7376	756.3725	1494.7111	747.8592	1493.7271	747.3672	13
31	3409.6542	1705.3307	3392.6276	1696.8175	3391.6436	1696.3255	E	1382.6951	691.8512	1365.6685	683.3379	1364.6845	682.8459	12

32	3538.6968	1769.8520	3521.6702	1761.3388	3520.6862	1760.8468	E	1253.6525	627.3299	1236.6259	618.8166	1235.6419	618.3246	11
33	3667.7394	1834.3733	3650.7128	1825.8601	3649.7288	1825.3680	E	1124.6099	562.8086	1107.5833	554.2953	1106.5993	553.8033	10
34	3780.8234	1890.9154	3763.7969	1882.4021	3762.8129	1881.9101	L	995.5673	498.2873	978.5407	489.7740	977.5567	489.2820	9
35	3849.8449	1925.4261	3832.8184	1916.9128	3831.8343	1916.4208	S	882.4832	441.7452	865.4567	433.2320	864.4726	432.7400	8
36	3946.8977	1973.9525	3929.8711	1965.4392	3928.8871	1964.9472	P	813.4618	407.2345	796.4352	398.7212	795.4512	398.2292	7
37	4043.9504	2022.4789	4026.9239	2013.9656	4025.9399	2013.4736	P	716.4090	358.7081	699.3824	350.1949	698.3984	349.7028	6
38	4141.0032	2071.0052	4123.9766	2062.4920	4122.9926	2062.0000	P	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
39	4240.0716	2120.5394	4223.0451	2112.0262	4222.0610	2111.5342	V	522.3035	261.6554	505.2769	253.1421	504.2929	252.6501	4
40	4341.1193	2171.0633	4324.0927	2162.5500	4323.1087	2162.0580	T	423.2350	212.1212	406.2085	203.6079	405.2245	203.1159	3
41	4497.2204	2249.1138	4480.1939	2240.6006	4479.2098	2240.1086	R	322.1874	161.5973	305.1608	153.0840			2
42							F	166.0863	83.5468					1

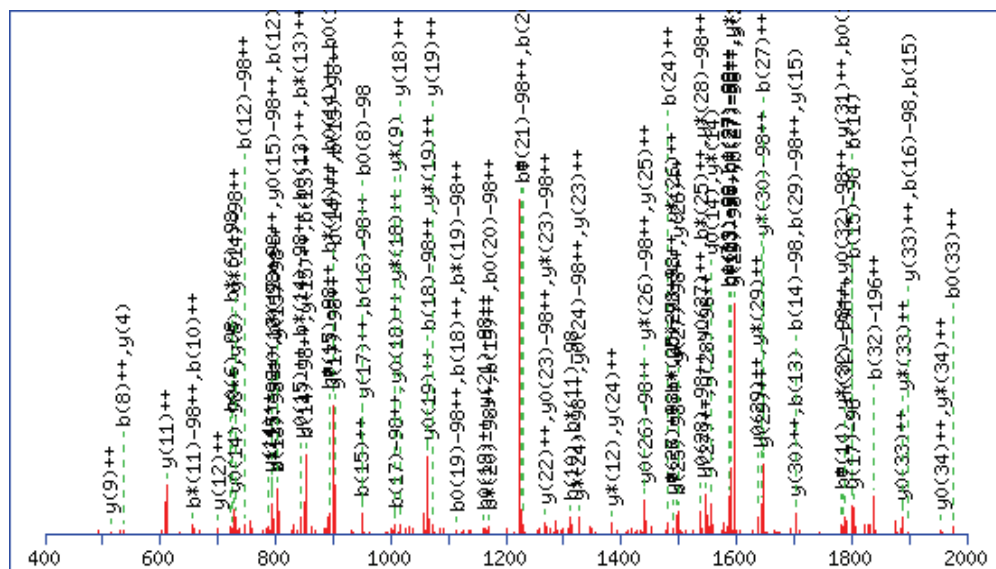
Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1210.8181	4	4839.2353	0.0081	25.21	S259	MKPPAKSALPTPPKP(s)LA(s)DMQEV(y)EVPEEEEELPSPPPVTRF	2 Oxidation (M); Phospho (ST); Phospho (Y)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	148.0427	74.5250					M							42
2	276.1376	138.5725	259.1111	130.0592			K	4595.2303	2298.1188	4578.2037	2289.6055	4577.2197	2289.1135	41
3	373.1904	187.0988	356.1639	178.5856			P	4467.1353	2234.0713	4450.1088	2225.5580	4449.1248	2225.0660	40
4	470.2432	235.6252	453.2166	227.1119			P	4370.0826	2185.5449	4353.0560	2177.0316	4352.0720	2176.5396	39
5	541.2803	271.1438	524.2537	262.6305			A	4273.0298	2137.0185	4256.0033	2128.5053	4255.0192	2128.0133	38
6	669.3752	335.1913	652.3487	326.6780			K	4201.9927	2101.5000	4184.9661	2092.9867	4183.9821	2092.4947	37
7	756.4073	378.7073	739.3807	370.1940	738.3967	369.7020	S	4073.8977	2037.4525	4056.8712	2028.9392	4055.8872	2028.4472	36
8	827.4444	414.2258	810.4178	405.7126	809.4338	405.2206	A	3986.8657	1993.9365	3969.8392	1985.4232	3968.8551	1984.9312	35
9	940.5285	470.7679	923.5019	462.2546	922.5179	461.7626	L	3915.8286	1958.4179	3898.8020	1949.9047	3897.8180	1949.4126	34
10	1037.5812	519.2942	1020.5547	510.7810	1019.5707	510.2890	P	3802.7445	1901.8759	3785.7180	1893.3626	3784.7340	1892.8706	33
11	1138.6289	569.8181	1121.6023	561.3048	1120.6183	560.8128	T	3705.6918	1853.3495	3688.6652	1844.8362	3687.6812	1844.3442	32
12	1235.6817	618.3445	1218.6551	609.8312	1217.6711	609.3392	P	3604.6441	1802.8257	3587.6175	1794.3124	3586.6335	1793.8204	31
13	1332.7344	666.8709	1315.7079	658.3576	1314.7239	657.8656	P	3507.5913	1754.2993	3490.5648	1745.7860	3489.5808	1745.2940	30
14	1460.8294	730.9183	1443.8028	722.4051	1442.8188	721.9130	K	3410.5386	1705.7729	3393.5120	1697.2596	3392.5280	1696.7676	29
15	1557.8822	779.4447	1540.8556	770.9314	1539.8716	770.4394	P	3282.4436	1641.7254	3265.4170	1633.2122	3264.4330	1632.7202	28
16	1644.9142	822.9607	1627.8876	814.4475	1626.9036	813.9554	S	3185.3908	1593.1991	3168.3643	1584.6858	3167.3803	1584.1938	27
17	1757.9982	879.5028	1740.9717	870.9895	1739.9877	870.4975	L	3098.3588	1549.6830	3081.3322	1541.1698	3080.3482	1540.6778	26
18	1829.0354	915.0213	1812.0088	906.5080	1811.0248	906.0160	A	2985.2747	1493.1410	2968.2482	1484.6277	2967.2642	1484.1357	25
19	1916.0674	958.5373	1899.0408	950.0241	1898.0568	949.5320	S	2914.2376	1457.6224	2897.2111	1449.1092	2896.2271	1448.6172	24
20	2031.0943	1016.0508	2014.0678	1007.5375	2013.0838	1007.0455	D	2827.2056	1414.1064	2810.1790	1405.5932	2809.1950	1405.1012	23
21	2178.1297	1089.5685	2161.1032	1081.0552	2160.1192	1080.5632	M	2712.1786	1356.5930	2695.1521	1348.0797	2694.1681	1347.5877	22
22	2306.1883	1153.5978	2289.1618	1145.0845	2288.1777	1144.5925	Q	2565.1432	1283.0753	2548.1167	1274.5620	2547.1327	1274.0700	21
23	2435.2309	1218.1191	2418.2044	1209.6058	2417.2203	1209.1138	E	2437.0847	1219.0460	2420.0581	1210.5327	2419.0741	1210.0407	20
24	2534.2993	1267.6533	2517.2728	1259.1400	2516.2888	1258.6480	V	2308.0421	1154.5247	2291.0155	1146.0114	2290.0315	1145.5194	19
25	2777.3290	1389.1681	2760.3024	1380.6548	2759.3184	1380.1628	Y	2208.9737	1104.9905	2191.9471	1096.4772	2190.9631	1095.9852	18
26	2906.3716	1453.6894	2889.3450	1445.1761	2888.3610	1444.6841	E	1965.9440	983.4756	1948.9175	974.9624	1947.9334	974.4704	17
27	3005.4400	1503.2236	2988.4134	1494.7104	2987.4294	1494.2183	V	1836.9014	918.9543	1819.8749	910.4411	1818.8908	909.9491	16
28	3102.4927	1551.7500	3085.4662	1543.2367	3084.4822	1542.7447	P	1737.8330	869.4201	1720.8065	860.9069	1719.8224	860.4149	15
29	3231.5353	1616.2713	3214.5088	1607.7580	3213.5248	1607.2660	E	1640.7802	820.8938	1623.7537	812.3805	1622.7697	811.8885	14
30	3360.5779	1680.7926	3343.5514	1672.2793	3342.5674	1671.7873	E	1511.7376	756.3725	1494.7111	747.8592	1493.7271	747.3672	13
31	3489.6205	1745.3139	3472.5940	1736.8006	3471.6100	1736.3086	E	1382.6951	691.8512	1365.6685	683.3379	1364.6845	682.8459	12

32	3618.6631	1809.8352	3601.6366	1801.3219	3600.6525	1800.8299	E	1253.6525	627.3299	1236.6259	618.8166	1235.6419	618.3246	11
33	3747.7057	1874.3565	3730.6792	1865.8432	3729.6951	1865.3512	E	1124.6099	562.8086	1107.5833	554.2953	1106.5993	553.8033	10
34	3860.7898	1930.8985	3843.7632	1922.3852	3842.7792	1921.8932	L	995.5673	498.2873	978.5407	489.7740	977.5567	489.2820	9
35	3929.8112	1965.4093	3912.7847	1956.8960	3911.8007	1956.4040	S	882.4832	441.7452	865.4567	433.2320	864.4726	432.7400	8
36	4026.8640	2013.9356	4009.8374	2005.4224	4008.8534	2004.9304	P	813.4618	407.2345	796.4352	398.7212	795.4512	398.2292	7
37	4123.9168	2062.4620	4106.8902	2053.9487	4105.9062	2053.4567	P	716.4090	358.7081	699.3824	350.1949	698.3984	349.7028	6
38	4220.9695	2110.9884	4203.9430	2102.4751	4202.9590	2101.9831	P	619.3562	310.1817	602.3297	301.6685	601.3457	301.1765	5
39	4320.0379	2160.5226	4303.0114	2152.0093	4302.0274	2151.5173	V	522.3035	261.6554	505.2769	253.1421	504.2929	252.6501	4
40	4421.0856	2211.0464	4404.0591	2202.5332	4403.0750	2202.0412	T	423.2350	212.1212	406.2085	203.6079	405.2245	203.1159	3
41	4577.1867	2289.0970	4560.1602	2280.5837	4559.1762	2280.0917	R	322.1874	161.5973	305.1608	153.0840			2
42							F	166.0863	83.5468					

Exp. m/z	Charge	Cal. M.W.	Delta	Peptide Score	Confirmed site	Sequence	Modification
1248.786	4	4991.1158	-0.0008	69.46	S188	KPRECpSDDDDNYIVPVDNDDNYIEP(t)E(s)(s)(t)PPPAKPPVNRF	Carbamidomethyl (C); 2 Phospho (ST)



#	b	b ⁺⁺	b [*]	b ^{***}	b ⁰	b ⁰⁺⁺	Seq.	y	y ⁺⁺	y [*]	y ^{***}	y ⁰	y ⁰⁺⁺	#
1	129.1022	65.0548	112.0757	56.5415			K							42
2	226.1550	113.5811	209.1285	105.0679			P	4864.0281	2432.5177	4847.0016	2424.0044	4846.0176	2423.5124	41
3	382.2561	191.6317	365.2296	183.1184			R	4766.9754	2383.9913	4749.9488	2375.4780	4748.9648	2374.9860	40
4	511.2987	256.1530	494.2722	247.6397	493.2881	247.1477	E	4610.8742	2305.9408	4593.8477	2297.4275	4592.8637	2296.9355	39
5	671.3294	336.1683	654.3028	327.6550	653.3188	327.1630	C	4481.8317	2241.4195	4464.8051	2232.9062	4463.8211	2232.4142	38
6	838.3277	419.6675	821.3012	411.1542	820.3171	410.6622	S	4321.8010	2161.4041	4304.7744	2152.8909	4303.7904	2152.3989	37
7	953.3547	477.1810	936.3281	468.6677	935.3441	468.1757	D	4154.8026	2077.9050	4137.7761	2069.3917	4136.7921	2068.8997	36
8	1068.3816	534.6944	1051.3551	526.1812	1050.3710	525.6892	D	4039.7757	2020.3915	4022.7492	2011.8782	4021.7651	2011.3862	35
9	1197.4242	599.2157	1180.3976	590.7025	1179.4136	590.2105	E	3924.7488	1962.8780	3907.7222	1954.3647	3906.7382	1953.8727	34
10	1312.4511	656.7292	1295.4246	648.2159	1294.4406	647.7239	D	3795.7062	1898.3567	3778.6796	1889.8434	3777.6956	1889.3514	33
11	1426.4941	713.7507	1409.4675	705.2374	1408.4835	704.7454	N	3680.6792	1840.8432	3663.6527	1832.3300	3662.6687	1831.8380	32
12	1589.5574	795.2823	1572.5308	786.7691	1571.5468	786.2771	Y	3566.6363	1783.8218	3549.6097	1775.3085	3548.6257	1774.8165	31
13	1702.6415	851.8244	1685.6149	843.3111	1684.6309	842.8191	I	3403.5730	1702.2901	3386.5464	1693.7768	3385.5624	1693.2848	30
14	1801.7099	901.3586	1784.6833	892.8453	1783.6993	892.3533	V	3290.4889	1645.7481	3273.4624	1637.2348	3272.4783	1636.7428	29
15	1898.7626	949.8850	1881.7361	941.3717	1880.7521	940.8797	P	3191.4205	1596.2139	3174.3939	1587.7006	3173.4099	1587.2086	28
16	1997.8310	999.4192	1980.8045	990.9059	1979.8205	990.4139	V	3094.3677	1547.6875	3077.3412	1539.1742	3076.3572	1538.6822	27
17	2112.8580	1056.9326	2095.8314	1048.4194	2094.8474	1047.9274	D	2995.2993	1498.1533	2978.2728	1489.6400	2977.2887	1489.1480	26
18	2226.9009	1113.9541	2209.8744	1105.4408	2208.8904	1104.9488	N	2880.2724	1440.6398	2863.2458	1432.1265	2862.2618	1431.6345	25
19	2341.9279	1171.4676	2324.9013	1162.9543	2323.9173	1162.4623	D	2766.2294	1383.6184	2749.2029	1375.1051	2748.2189	1374.6131	24
20	2456.9548	1228.9810	2439.9283	1220.4678	2438.9442	1219.9758	D	2651.2025	1326.1049	2634.1759	1317.5916	2633.1919	1317.0996	23
21	2571.9817	1286.4945	2554.9552	1277.9812	2553.9712	1277.4892	D	2536.1756	1268.5914	2519.1490	1260.0781	2518.1650	1259.5861	22
22	2686.0247	1343.5160	2668.9981	1335.0027	2668.0141	1334.5107	N	2421.1486	1211.0779	2404.1221	1202.5647	2403.1380	1202.0727	21
23	2849.0880	1425.0476	2832.0615	1416.5344	2831.0774	1416.0424	Y	2307.1057	1154.0565	2290.0791	1145.5432	2289.0951	1145.0512	20
24	2962.1721	1481.5897	2945.1455	1473.0764	2944.1615	1472.5844	I	2144.0424	1072.5248	2127.0158	1064.0115	2126.0318	1063.5195	19
25	3091.2147	1546.1110	3074.1881	1537.5977	3073.2041	1537.1057	E	2030.9583	1015.9828	2013.9317	1007.4695	2012.9477	1006.9775	18
26	3188.2674	1594.6373	3171.2409	1586.1241	3170.2569	1585.6321	P	1901.9157	951.4615	1884.8892	942.9482	1883.9051	942.4562	17
27	3289.3151	1645.1612	3272.2886	1636.6479	3271.3045	1636.1559	T	1804.8629	902.9351	1787.8364	894.4218	1786.8524	893.9298	16
28	3418.3577	1709.6825	3401.3311	1701.1692	3400.3471	1700.6772	E	1703.8153	852.4113	1686.7887	843.8980	1685.8047	843.4060	15
29	3505.3897	1753.1985	3488.3632	1744.6852	3487.3792	1744.1932	S	1574.7727	787.8900	1557.7461	779.3767	1556.7621	778.8847	14
30	3592.4218	1796.7145	3575.3952	1788.2012	3574.4112	1787.7092	S	1487.7406	744.3740	1470.7141	735.8607	1469.7301	735.3687	13
31	3773.4358	1887.2215	3756.4092	1878.7082	3755.4252	1878.2162	T	1400.7086	700.8579	1383.6821	692.3447	1382.6980	691.8527	12

32	3870.4885	1935.7479	3853.4620	1927.2346	3852.4780	1926.7426	P	1219.6946	610.3509	1202.6681	601.8377			11
33	3967.5413	1984.2743	3950.5147	1975.7610	3949.5307	1975.2690	P	1122.6418	561.8246	1105.6153	553.3113			10
34	4064.5940	2032.8007	4047.5675	2024.2874	4046.5835	2023.7954	P	1025.5891	513.2982	1008.5625	504.7849			9
35	4135.6312	2068.3192	4118.6046	2059.8059	4117.6206	2059.3139	A	928.5363	464.7718	911.5098	456.2585			8
36	4263.7261	2132.3667	4246.6996	2123.8534	4245.7156	2123.3614	K	857.4992	429.2532	840.4726	420.7400			7
37	4360.7789	2180.8931	4343.7523	2172.3798	4342.7683	2171.8878	P	729.4042	365.2058	712.3777	356.6925			6
38	4457.8317	2229.4195	4440.8051	2220.9062	4439.8211	2220.4142	P	632.3515	316.6794	615.3249	308.1661			5
39	4556.9001	2278.9537	4539.8735	2270.4404	4538.8895	2269.9484	V	535.2987	268.1530	518.2722	259.6397			4
40	4670.9430	2335.9751	4653.9164	2327.4619	4652.9324	2326.9699	N	436.2303	218.6188	419.2037	210.1055			3
41	4827.0441	2414.0257	4810.0176	2405.5124	4809.0335	2405.0204	R	322.1874	161.5973	305.1608	153.0840			2
42							F	166.0863	83.5468					1