

Mascot Search Results

Peptide View

MS/MS Fragmentation of **EALSINLAAFEKPLR**

Found in **gi|15235059**, brassinosteroid insensitive 1 (BRI1) [Arabidopsis thaliana]

Match to Query 232: 1750.835748 from(876.425150,2+)

Sum of 2 scans in range 1679 (rt=1954.08, f=2, i=130) to 1680 (rt=1955.21, f=2, i=131) [C:\Jason\Clouse\ue2003120303.raw]

From data file C:\Jason\Clouse\ue2003120303.mgf

Click mouse within plot area to zoom in by factor of two about that point

Or, to Da

Monoisotopic mass of neutral peptide Mr(calc): 1750.9018

Variable modifications:

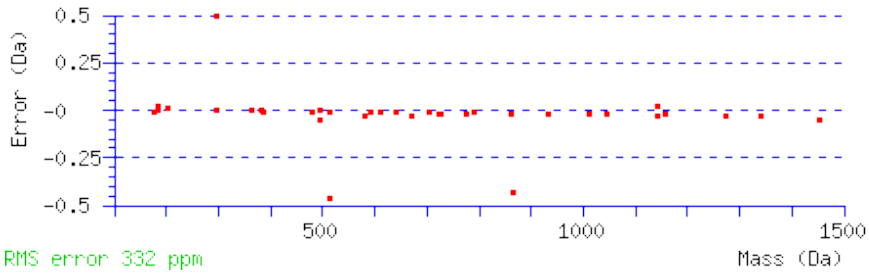
S4 : Phospho (ST)

Ions Score: 89 **Expect:** 6.2e-006

Matches (Bold Red): 35/150 fragment ions using 51 most intense peaks

#	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							15
2	201.0870	101.0471			183.0764	92.0418	A	1524.8896	762.9484	1507.8631	754.4352	1506.8791	753.9432	14
3	314.1710	157.5892			296.1605	148.5839	L	1453.8525	727.4299	1436.8260	718.9166	1435.8420	718.4246	13
4	383.1925	192.0999			365.1819	183.0946	S	1340.7685	670.8879	1323.7419	662.3746	1322.7579	661.8826	12
5	496.2766	248.6419			478.2660	239.6366	I	1271.7470	636.3771	1254.7205	627.8639	1253.7364	627.3719	11
6	610.3195	305.6634	593.2929	297.1501	592.3089	296.6581	N	1158.6629	579.8351	1141.6364	571.3218	1140.6524	570.8298	10
7	723.4035	362.2054	706.3770	353.6921	705.3930	353.2001	L	1044.6200	522.8136	1027.5935	514.3004	1026.6094	513.8084	9
8	794.4407	397.7240	777.4141	389.2107	776.4301	388.7187	A	931.5359	466.2716	914.5094	457.7583	913.5254	457.2663	8
9	865.4778	433.2425	848.4512	424.7292	847.4672	424.2372	A	860.4988	430.7531	843.4723	422.2398	842.4883	421.7478	7
10	1012.5462	506.7767	995.5196	498.2635	994.5356	497.7714	F	789.4617	395.2345	772.4352	386.7212	771.4512	386.2292	6
11	1141.5888	571.2980	1124.5622	562.7847	1123.5782	562.2927	E	642.3933	321.7003	625.3668	313.1870	624.3828	312.6950	5

12	1269.6837	635.3455	1252.6572	626.8322	1251.6732	626.3402	K	513.3507	257.1790	496.3242	248.6657			4
13	1366.7365	683.8719	1349.7099	675.3586	1348.7259	674.8666	P	385.2558	193.1315	368.2292	184.6182			3
14	1479.8205	740.4139	1462.7940	731.9006	1461.8100	731.4086	L	288.2030	144.6051	271.1765	136.0919			2
15							R	175.1189	88.0631	158.0924	79.5498			1



NCBI **BLAST** search of [EALSINLAAFEKPLR](#)

(Parameters: blastp, nr protein database, expect=20000, no filter, PAM30)

Other BLAST [web gateways](#)

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