

prot_acc	pep_rank	pep_exp_n	pep_exp_n	pep_exp_z	pep_score	pep_expect	pep_seq	pep_var_mod	pep_var_mod_pos	pep_scan_title
GPSGXVSAQQLXR 1 7 1 1344	1	677.8	1353.586	2	23.64	0.0071	GPSGDVSTAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_1.2012.2012.2.dta
GPSGXVSAQQLXR 8 6 5 0 1731	1	675.8403	1349.666	2	49.64	4.60E-05	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2664.2664.2.dta
GPSGXVSAQQLXR 3 2 1 1626	1	707.8138	1413.613	2	26.15	0.0097	GPSGVSFAQLLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5036.5036.2.dta
GPSGXVSAQQLXR 1 3 2 0 265	1	721.8169	1441.619	2	54.73	7.40E-06	GPSGDVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2667.2667.2.dta
GPSGXVSAQQLXR 8 6 8 0 1737	1	688.8326	1335.651	2	35.57	0.0011	GPSGVVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2432.2432.2.dta
GPSGXVSAQQLXR 9 6 0 0 153	1	655.8066	1309.599	2	41.48	0.0001	GPSGAVSTAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2096.2096.2.dta
GPSGXVSAQQLXR 0 6 0 0 121	1	640.8014	1279.588	2	28.48	0.0075	GPSGAVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4977.4977.2.dta
GPSGXVSAQQLXR 9 2 8 0 1857	1	721.8353	1441.656	2	52.56	2.50E-05	GPSGVVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2509.2509.2.dta
GPSGXVSAQQLXR 0 8 6 0 173	1	654.8171	1307.62	2	37.09	0.00067	GPSGAVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4863.4863.2.dta
GPSGXVSAQQLXR 8 2 7 0 1655	1	690.8276	1379.641	2	37.67	0.0009	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2296.2296.2.dta
GPSGXVSAQQLXR 6 8 0 0 1361	1	654.8171	1307.62	2	24.36	0.0113	GPSGVSVAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4104.4104.2.dta
GPSGXVSAQQLXR 5 0 6 0 1013	1	661.825	1321.636	2	31.57	0.0032	GPSGLVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5404.5404.2.dta
GPSGXVSAQQLXR 3 8 7 0 775	1	699.8406	1397.667	2	56.44	1.20E-05	GPSGFVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2968.2968.2.dta
GPSGXVSAQQLXR 9 6 9 0 1939	1	732.8276	1463.641	2	54.59	2.30E-05	GPSGVVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2425.2425.2.dta
GPSGXVSAQQLXR 0 5 4 0 109	1	646.8199	1291.625	2	52.65	1.90E-05	GPSGAVSSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2616.2616.2.dta
GPSGXVSAQQLXR 1 5 7 0 315	1	690.8278	1379.641	2	42.9	0.00027	GPSGDVSLAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4742.4742.2.dta
GPSGXVSAQQLXR 6 0 4 0 1209	1	633.7939	1265.573	2	39.34	0.001	GPSGSVSSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2132.2132.2.dta
GPSGXVSAQQLXR 5 4 7 0 1095	1	661.8252	1321.636	2	32.42	0.0026	GPSGLVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5262.5262.2.dta
GPSGXVSAQQLXR 2 6 7 0 535	1	684.8097	1367.605	2	39.31	0.00018	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2088.2088.2.dta
GPSGXVSAQQLXR 6 1 6 0 1233	1	670.7941	1339.574	2	49.14	1.20E-05	GPSGSVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1922.1922.2.dta
GPSGXVSAQQLXR 9 5 6 0 1913	1	707.8383	1413.662	2	46.99	8.70E-05	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2808.2808.2.dta
GPSGXVSAQQLXR 5 6 0 0 1121	1	661.8253	1321.636	2	40.17	0.00044	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5115.5115.2.dta
GPSGXVSAQQLXR 4 2 6 0 853	1	662.7968	1323.579	2	41.69	0.00019	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1968.1968.2.dta
GPSGXVSAQQLXR 5 4 6 0 1093	1	654.8176	1307.621	2	25.45	0.0098	GPSGLVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4719.4719.2.dta
GPSGXVSAQQLXR 3 1 5 0 631	1	713.8384	1425.662	2	47.33	5.30E-05	GPSGFVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2970.2970.2.dta
GPSGXVSAQQLXR 8 6 9 0 1739	1	700.8306	1399.647	2	35.55	0.00091	GPSGVVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2449.2449.2.dta
GPSGXVSAQQLXR 1 3 6 0 273	1	700.8125	1399.61	2	56.26	1.40E-05	GPSGDVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2609.2609.2.dta
GPSGXVSAQQLXR 8 0 2 1 1606	1	661.8199	1321.625	2	43.06	0.00031	GPSGVVSSAQLLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2632.2632.2.dta
GPSGXVSAQQLXR 9 7 1 0 1943	1	715.8179	1429.621	2	25.27	0.021	GPSGVVSTAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4853.4853.2.dta
GPSGXVSAQQLXR 9 7 8 0 1957	1	707.8387	1413.663	2	44.49	0.00022	GPSGVVSTAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2496.2496.2.dta
GPSGXVSAQQLXR 4 5 6 0 913	1	654.8179	1307.621	2	27.01	0.0057	GPSGDVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5293.5293.2.dta
GPSGXVSAQQLXR 4 7 8 0 957	1	654.818	1307.621	2	45.01	9.00E-05	GPSGVVSTAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2292.2292.2.dta
GPSGXVSAQQLXR 1 1 7 0 235	1	691.7999	1381.585	2	53.81	1.80E-05	GPSGDVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2104.2104.2.dta
GPSGXVSAQQLXR 5 1 0 0 1021	1	675.8234	1349.632	2	47.96	6.30E-05	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2504.2504.2.dta
GPSGXVSAQQLXR 2 0 6 0 413	1	669.8052	1337.596	2	64.46	1.70E-06	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2136.2136.2.dta
GPSGXVSAQQLXR 6 8 5 0 1371	1	675.8416	1349.669	2	53.38	6.90E-06	GPSGSVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2976.2976.2.dta
GPSGXVSAQQLXR 3 5 6 0 713	1	699.8416	1397.669	2	58.13	6.90E-06	GPSGFVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3121.3121.2.dta
GPSGXVSAQQLXR 0 1 7 0 35	1	669.8054	1337.596	2	49.19	5.60E-05	GPSGAVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1976.1976.2.dta
GPSGXVSAQQLXR 6 5 6 0 1313	1	669.8235	1337.633	2	23.75	0.007	GPSGSVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4109.4109.2.dta
GPSGXVSAQQLXR 8 6 0 0 1721	1	654.8185	1307.622	2	40.23	0.00027	GPSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.6045.6045.2.dta
GPSGXVSAQQLXR 3 6 0 0 721	1	678.8185	1355.622	2	56.03	1.20E-05	GPSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2490.2490.2.dta
GPSGXVSAQQLXR 1 3 9 0 279	1	738.829	1475.644	2	49.69	4.70E-05	GPSGDVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2875.2875.2.dta
GPSGXVSAQQLXR 8 2 6 0 1653	1	683.8212	1365.628	2	52.52	2.50E-05	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2288.2288.2.dta
GPSGXVSAQQLXR 1 0 7 0 215	1	669.8057	1337.597	2	28.4	0.0069	GPSGDVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4579.4579.2.dta
GPSGXVSAQQLXR 9 0 7 0 1815	1	693.824	1385.633	2	41.53	0.00043	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2393.2393.2.dta
GPSGXVSAQQLXR 9 0 9 1 1820	1	710.8287	1419.643	2	31.6	0.0049	GPSGVVSSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4778.4778.2.dta
GPSGXVSAQQLXR 6 8 6 0 1373	1	662.8162	1323.618	2	39.62	0.00011	GPSGSVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2289.2289.2.dta
GPSGXVSAQQLXR 4 6 5 0 931	1	654.819	1307.623	2	43.26	0.00013	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2450.2450.2.dta
GPSGXVSAQQLXR 2 6 3 1 528	1	693.8186	1385.623	2	36.9	0.0013	GPSGVVSSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2568.2568.2.dta
GPSGXVSAQQLXR 8 7 0 0 1741	1	661.8268	1321.639	2	55.93	7.00E-06	GPSGVVSTAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2312.2312.2.dta
GPSGXVSAQQLXR 0 8 3 0 167	1	684.8372	1367.66	2	41.73	0.00028	GPSGAVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3032.3032.2.dta
GPSGXVSAQQLXR 2 1 6 0 433	1	691.801	1381.588	2	31.63	0.0029	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1950.1950.2.dta
GPSGXVSAQQLXR 9 3 4 0 1869	1	709.8269	1417.639	2	47.38	9.00E-05	GPSGVVSSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2896.2896.2.dta
GPSGXVSAQQLXR 1 0 2 1 206	1	669.8005	1337.587	2	31.29	0.0056	GPSGVVSSAQLLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5131.5131.2.dta
GPSGXVSAQQLXR 9 8 7 0 1975	1	707.8401	1413.666	2	33.69	0.0017	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4867.4867.2.dta
GPSGXVSAQQLXR 7 8 5 0 1571	1	682.8505	1363.686	2	55.35	1.10E-05	GPSGTVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3041.3041.2.dta
GPSGXVSAQQLXR 9 3 2 0 1865	1	745.8376	1489.661	2	35.61	0.0012	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2912.2912.2.dta
GPSGXVSAQQLXR 1 6 7 0 335	1	677.8038	1353.593	2	54.18	7.40E-06	GPSGDVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2082.2082.2.dta
GPSGXVSAQQLXR 0 2 1 1 44	1	669.8007	1337.587	2	30.44	0.0068	GPSGAVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4427.4427.2.dta
GPSGXVSAQQLXR 2 9 7 0 595	1	722.8273	1443.64	2	46.54	0.00012	GPSGEVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2417.2417.2.dta
GPSGXVSAQQLXR 3 8 3 0 767	1	722.8533	1443.692	2	62.35	2.20E-06	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3633.3633.2.dta
GPSGXVSAQQLXR 6 2 6 0 1253	1	452.2051	1353.593	3	63.38	9.00E-07	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1930.1930.3.dta
GPSGXVSAQQLXR 6 4 7 0 1295	1	432.8699	1295.588	3	47.36	2.50E-05	GPSGSVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1929.1929.3.dta
GPSGXVSAQQLXR 3 9 9 0 799	1	762.8483	1523.682	2	31.84	0.0039	GPSGFVSSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3044.3044.2.dta
GPSGXVSAQQLXR 3 3 1 1 664	1	716.8297	1431.645	2	32.46	0.0054	GPSGFVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3152.3152.2.dta
GPSGXVSAQQLXR 2 8 7 0 575	1	690.8302	1379.646	2	56.27	1.30E-05	GPSGEVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5257.5257.2.dta
GPSGXVSAQQLXR 1 6 5 0 331	1	683.8224	1365.63	2	59.57	5.30E-06	GPSGDVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2448.2448.2.dta
GPSGXVSAQQLXR 5 0 5 1 1012	1	660.8505	1319.687	2	54.02	1.30E-05	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3120.3120.2.dta
GPSGXVSAQQLXR 9 0 1 1 1804	1	686.8116	1371.609	2	34.66	0.0024	GPSGVVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4924.4924.2.dta
GPSGXVSAQQLXR 5 0 5 0 1011	1	674.8536	1347.693	2	72.33	5.80E-08	GPSGLVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3144.3144.2.dta
GPSGXVSAQQLXR 9 3 0 1 1862	1	702.8325	1403.65	2	48.27	0.00012	GPSGVVSSAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2937.2937.2.dta
GPSGXVSAQQLXR 1 9 7 0 395	1	715.8201	1429.626	2	60.04	6.10E-06	GPSGDVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2384.2384.2.dta
GPSGXVSAQQLXR 6 4 8 1 1298	1	633.8089	1265.603	2	25.09	0.0042	GPSGSVSSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2293.2293.2.dta
GPSGXVSAQQLXR 3 6 6 1 734	1	672.8143	1343.614	2	34.02	0.0053	GPSGVVSSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2392.2392.2.dta
GPSGXVSAQQLXR 8 5 0 0 1701	1	667.8459	1333.677	2	70.91	1.60E-07	PSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2984.2984.2.dta
GPSGXVSAQQLXR 4 5 8 1 918	1	646.835	1291.655	2	59.36	6.00E-06	GPSGDVSSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2938.2938.2.dta
GPSGXVSAQQLXR 8 8 9 0 1779	1	706.8513	1411.688	2	46.61	3.30E-05	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0</	

GPSGXVSAQQLXR 5 5 7 0 1115	1	689.8594	1377.704	2	54.63	1.30E-05	GPSGLVSLAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3200.3200.2.dta
GPSGXVSAQQLXR 6 9 3 1 1388	1	710.8303	1419.646	2	38.17	0.0013	GPSGFVSYAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2928.2928.2.dta
GPSGXVSAQQLXR 3 2 3 0 647	1	737.8413	1473.668	2	40.03	0.00042	GPSGFVSEQAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3187.3187.2.dta
GPSGXVSAQQLXR 0 3 1 1 64	1	678.8146	1355.615	2	48.56	0.00013	GPSGAVSFAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2648.2648.2.dta
GPSGXVSAQQLXR 0 6 1 1 124	1	648.7964	1295.578	2	27.47	0.00078	GPSGAVSQAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5116.5116.2.dta
GPSGXVSAQQLXR 4 5 3 1 908	1	670.8354	1339.656	2	45.03	0.00017	GPSGGSVLAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3373.3373.2.dta
GPSGXVSAQQLXR 8 8 5 1 1772	1	445.575	1333.703	3	44.7	0.00014	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3238.3238.3.dta
GPSGXVSAQQLXR 5 2 9 0 1059	1	728.8466	1455.679	2	58.71	4.20E-06	GPSGLVSEQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2745.2745.2.dta
GPSGXVSAQQLXR 0 1 8 0 37	1	668.8177	1335.621	2	66.97	7.50E-07	GPSGAVSDAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2273.2273.2.dta
GPSGXVSAQQLXR 5 3 0 0 1061	1	691.8464	1381.678	2	52.37	8.70E-06	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3225.3225.2.dta
GPSGXVSAQQLXR 2 6 5 0 531	1	690.8309	1379.647	2	64.18	2.10E-06	GPSGEVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2457.2457.2.dta
GPSGXVSAQQLXR 4 5 5 1 912	1	653.8433	1305.672	2	61.05	3.40E-06	GPSGGVSLAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3240.3240.2.dta
GPSGXVSAQQLXR 3 3 8 0 677	1	722.8543	1443.694	2	32.49	0.0023	GPSGFVSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3491.3491.2.dta
GPSGXVSAQQLXR 1 5 6 1 314	1	669.82	1337.626	2	51.49	2.80E-05	GPSGDVSLAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2488.2488.2.dta
GPSGXVSAQQLXR 6 6 6 1 1334	1	642.7965	1283.579	2	49.11	0.00016	GPSGSVSSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1986.1986.2.dta
GPSGXVSAQQLXR 2 1 2 0 425	1	712.8077	1423.601	2	59.13	1.10E-05	GPSGEVSDAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2099.2099.2.dta
GPSGXVSAQQLXR 2 2 9 0 459	1	736.826	1471.637	2	62.22	3.40E-06	GPSGEVSEQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2313.2313.2.dta
GPSGXVSAQQLXR 2 3 0 1 462	1	685.8226	1369.631	2	45.36	0.00019	GPSGEVSAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2713.2713.2.dta
GPSGXVSAQQLXR 5 9 8 0 1197	1	476.2422	1425.705	3	57.92	3.40E-06	GPSGLVSYAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3085.3085.3.dta
GPSGXVSAQQLXR 4 3 8 1 878	1	683.8277	1325.641	2	35.99	0.0011	GPSGGVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2944.2944.2.dta
GPSGXVSAQQLXR 8 8 3 1 1768	1	684.8513	1367.688	2	51.95	2.50E-05	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3368.3368.2.dta
GPSGXVSAQQLXR 0 5 5 0 111	1	674.8543	1347.694	2	92.12	6.10E-10	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3329.3329.2.dta
GPSGXVSAQQLXR 6 7 6 1 1354	1	649.8044	1297.594	2	39.76	0.00052	GPSGSVSTAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2024.2024.2.dta
GPSGXVSAQQLXR 3 7 1 1 796	1	717.8384	1433.662	2	32.54	0.00069	GPSGFVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2832.2832.2.dta
GPSGXVSAQQLXR 6 5 5 1 1312	1	668.8487	1335.683	2	43.47	0.00028	GPSGSVSLAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3192.3192.2.dta
GPSGXVSAQQLXR 1 3 5 0 271	1	713.8415	1425.668	2	52.96	2.00E-05	GPSGDVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3272.3272.2.dta
GPSGXVSAQQLXR 6 8 7 1 1376	1	655.8227	1309.631	2	50.08	6.30E-05	GPSGVVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2360.2360.2.dta
GPSGXVSAQQLXR 0 5 3 1 108	1	677.8434	1353.672	2	46.77	7.90E-05	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3432.3432.2.dta
GPSGXVSAQQLXR 5 0 9 0 1019	1	699.8441	1397.674	2	62.06	1.70E-06	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2810.2810.2.dta
GPSGXVSAQQLXR 0 5 0 0 101	1	653.8308	1305.647	2	84.41	3.60E-09	GPSGAVSLAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2753.2753.2.dta
GPSGXVSAQQLXR 1 5 5 0 311	1	696.8493	1391.684	2	60.42	4.10E-06	GPSGDVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2944.2944.2.dta
GPSGXVSAQQLXR 9 3 5 0 1871	1	737.8598	1473.705	2	51.42	2.60E-05	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3488.3488.2.dta
GPSGXVSAQQLXR 9 5 5 1 1912	1	706.8645	1411.715	2	44.89	0.00013	GPSGVVSLAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3464.3464.2.dta
GPSGXVSAQQLXR 3 2 5 1 652	1	706.8463	1411.678	2	49.94	3.80E-05	GPSGFVSEQAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3000.3000.2.dta
GPSGXVSAQQLXR 1 2 0 0 241	1	683.8051	1365.596	2	30.65	0.00055	GPSGDVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2129.2129.2.dta
GPSGXVSAQQLXR 1 5 5 1 312	1	682.8463	1363.678	2	34.17	0.0021	GPSGDVSLAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3208.3208.2.dta
GPSGXVSAQQLXR 9 4 2 1 1886	1	686.8124	1371.61	2	38.06	0.0011	GPSGVVSAQAQLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2193.2193.2.dta
GPSGXVSAQQLXR 4 4 4 1 890	1	597.7808	1193.547	2	42.32	0.00013	GPSGGVSGAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2017.2017.2.dta
GPSGXVSAQQLXR 8 5 8 0 1717	1	454.9106	1361.71	3	56.58	2.30E-06	GPSGVVSLAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3268.3268.3.dta
GPSGXVSAQQLXR 5 5 3 1 1108	1	698.8671	1395.72	2	46.65	5.10E-05	GPSGLVSLAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3816.3816.2.dta
GPSGXVSAQQLXR 8 0 5 1 1612	1	653.8435	1305.673	2	33.25	0.0021	GPSGVVSAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2913.2913.2.dta
GPSGXVSAQQLXR 9 9 9 0 1999	1	770.847	1539.68	2	68.3	4.90E-07	GPSGVVSYAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2761.2761.2.dta
GPSGXVSAQQLXR 5 9 5 1 1192	1	671.5788	1411.715	3	53.89	1.70E-05	GPSGLVSYAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3317.3317.3.dta
GPSGXVSAQQLXR 0 9 5 1 192	1	685.8411	1369.668	2	53.91	2.10E-05	GPSGAVSQAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2872.2872.2.dta
GPSGXVSAQQLXR 5 5 7 1 1116	1	675.8567	1349.699	2	34.08	0.0021	GPSGLVSLAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3168.3168.2.dta
GPSGXVSAQQLXR 3 9 6 1 794	1	710.8308	1419.647	2	36.15	0.0018	GPSGFVSYAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2752.2752.2.dta
GPSGXVSAQQLXR 8 3 5 0 1671	1	470.9107	1409.71	3	53.54	5.80E-06	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3542.3542.3.dta
GPSGXVSAQQLXR 3 8 8 1 778	1	684.8515	1367.689	2	42.85	0.0002	GPSGFVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3184.3184.2.dta
GPSGXVSAQQLXR 2 5 7 0 515	1	697.8392	1393.664	2	66.04	1.30E-06	GPSGEVSLAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2736.2736.2.dta
GPSGXVSAQQLXR 3 4 6 1 694	1	657.8098	1313.605	2	39.65	0.00068	GPSGFVSGAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2376.2376.2.dta
GPSGXVSAQQLXR 1 0 1 0 203	1	676.7974	1351.58	2	57.58	1.10E-05	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2097.2097.2.dta
GPSGXVSAQQLXR 3 2 8 0 657	1	713.8417	1425.669	2	58.63	5.40E-06	GPSGFVSEQAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2784.2784.2.dta
GPSGXVSAQQLXR 9 2 9 1 1860	1	739.8337	1477.653	2	46.3	9.50E-05	GPSGVVSEQAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2481.2481.2.dta
GPSGXVSAQQLXR 2 2 2 0 445	1	719.816	1437.617	2	69.46	1.40E-06	GPSGEVSEQAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2138.2138.2.dta
GPSGXVSAQQLXR 9 9 9 1 2000	1	756.8441	1511.674	2	33.85	0.0026	GPSGVVSYAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2729.2729.2.dta
GPSGXVSAQQLXR 5 2 8 0 1057	1	696.8495	1391.685	2	60.51	4.00E-06	GPSGLVSEQAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2744.2744.2.dta
GPSGXVSAQQLXR 5 8 5 1 1172	1	674.8672	1347.72	2	52.1	1.80E-05	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3472.3472.2.dta
GPSGXVSAQQLXR 0 3 3 1 68	1	694.836	1387.657	2	28.55	0.0094	GPSGAVSFAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3440.3440.2.dta
GPSGXVSAQQLXR 2 1 9 0 439	1	729.8186	1457.623	2	58.85	3.30E-06	GPSGEVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2259.2259.2.dta
GPSGXVSAQQLXR 1 2 7 0 255	1	698.8107	1395.607	2	58.26	8.30E-06	GPSGDVSEQAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2137.2137.2.dta
GPSGXVSAQQLXR 9 2 9 0 1859	1	753.8369	1505.659	2	72.08	2.30E-07	GPSGVVSEQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2522.2522.2.dta
GPSGXVSAQQLXR 0 4 4 1 90	1	640.7888	1207.563	2	47.1	1.90E-05	GPSGAVSQAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2032.2032.2.dta
GPSGXVSAQQLXR 6 5 4 1 1310	1	604.8177	1279.621	2	34.55	0.0013	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2489.2489.2.dta
GPSGXVSAQQLXR 9 5 9 1 1920	1	731.8545	1461.694	2	60.44	6.00E-06	GPSGVVSLAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3040.3040.2.dta
GPSGXVSAQQLXR 4 4 0 0 881	1	618.7919	1235.569	2	51.57	2.60E-05	GPSGGVSGAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2064.2064.2.dta
GPSGXVSAQQLXR 7 1 5 0 1431	1	690.8315	1379.648	2	28.7	0.0075	GPSGVVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4366.4366.2.dta
GPSGXVSAQQLXR 6 5 3 1 1308	1	685.8413	1369.668	2	41.36	0.00038	GPSGSVSLAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3328.3328.2.dta
GPSGXVSAQQLXR 6 1 0 1 1222	1	648.797	1295.579	2	23.32	0.02	GPSGSVSDAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4510.4510.2.dta
GPSGXVSAQQLXR 9 4 9 0 1899	1	717.8263	1433.638	2	55.19	1.10E-05	GPSGVVSGAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2419.2419.2.dta
GPSGXVSAQQLXR 3 5 0 1 702	1	677.8439	1353.673	2	35.28	0.0011	GPSGFVSLAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3128.3128.2.dta
GPSGXVSAQQLXR 4 0 4 1 810	1	640.7889	1207.563	2	15.86	0.026	GPSGGVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5166.5166.2.dta
GPSGXVSAQQLXR 5 3 8 1 1078	1	691.8596	1381.705	2	52.31	2.10E-05	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3416.3416.2.dta
GPSGXVSAQQLXR 0 2 9 0 59	1	707.8237	1413.633	2	48.21	8.40E-05	GPSGAVSQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2336.2336.2.dta
GPSGXVSAQQLXR 9 0 4 0 1809	1	671.8131	1341.612	2	44.11	7.00E-05	GPSGVVSAQAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2352.2352.2.dta
GPSGXVSAQQLXR 1 1 9 0 239	1	722.8109	1443.607	2	64.03	1.40E-06	GPSGDVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2256.2256.2.dta
GPSGXVSAQQLXR 5 9 5 0 1191	1	480.9144	1439.722	3	64.51	7.40E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3353.3353.3.dta
GPSGXVSAQQLXR 0 1 4 0 29	1	647.7949	1293.575	2	53.64	6.00E-05	GPSGAVSDAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2098.2098.2.dta
GPSGXVSAQQLXR 1 5 3 1 308	1	699.8389	1397.663	2	54.17	2.10E-05	GPSGDVSLAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3336.3336.2.dta

GPSGXVSAQQLXR 9 0 9 0 1819	1	724.8343	1447.654	2	68.11	6.00E-07	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2577.2577.2.dta
GPSGXVSAQQLXR 8 0 4 1 1610	1	625.8126	1249.611	2	44.3	5.00E-05	GPSGVVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2305.2305.2.dta
GPSGXVSAQQLXR 6 0 8 1 138	1	640.8179	1279.621	2	32.22	0.0022	GPSGAVSQAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4531.4531.2.dta
GPSGXVSAQQLXR 6 3 7 0 1395	1	468.2184	1401.633	3	51.46	4.20E-05	GPSGGVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2986.2986.3.dta
GPSGXVSAQQLXR 5 9 7 1 1196	1	700.8469	1399.679	2	45.95	0.00039	GPSGLVSAQQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2794.2794.2.dta
GPSGXVSAQQLXR 4 8 4 1 1970	1	618.8047	1235.595	2	47.4	1.80E-05	GPSGGVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2297.2297.2.dta
GPSGXVSAQQLXR 1 8 7 0 375	1	683.8239	1365.633	2	22.9	0.025	GPSGDVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4429.4429.2.dta
GPSGXVSAQQLXR 5 5 5 1 1112	1	454.9193	1361.736	3	90.19	2.20E-09	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3714.3714.3.dta
GPSGXVSAQQLXR 4 8 3 1 1968	1	663.8284	1325.642	2	53.41	2.10E-05	GPSGGVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3096.3096.2.dta
GPSGXVSAQQLXR 6 2 1 1 1244	1	677.8	1353.586	2	33.66	0.00071	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1924.1924.2.dta
GPSGXVSAQQLXR 0 5 5 1 112	1	660.8518	1319.689	2	45.58	9.00E-05	GPSGAVSQAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3289.3289.2.dta
GPSGXVSAQQLXR 0 0 1 1 4	1	640.7997	1279.585	2	45.84	0.00023	GPSGAVSQAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2128.2128.2.dta
GPSGXVSAQQLXR 0 2 4 0 49	1	654.8029	1307.591	2	55.25	3.30E-05	GPSGAVSQAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2131.2131.2.dta
GPSGXVSAQQLXR 8 8 4 0 1769	1	653.8314	1305.648	2	62.79	5.00E-07	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2592.2592.2.dta
GPSGXVSAQQLXR 9 8 3 1 1968	1	716.8495	1431.684	2	46.05	0.00013	GPSGGVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3337.3337.2.dta
GPSGXVSAQQLXR 3 5 5 1 712	1	466.2475	1395.721	3	36.29	0.00055	GPSGFVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3682.3682.3.dta
GPSGXVSAQQLXR 1 1 5 0 231	1	697.8214	1393.628	2	62.4	7.70E-06	GPSGDVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2464.2464.2.dta
GPSGXVSAQQLXR 0 8 0 1 162	1	632.8205	1263.626	2	21.08	0.011	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4315.4315.2.dta
GPSGXVSAQQLXR 0 3 5 1 72	1	677.8441	1353.674	2	43.34	0.00017	GPSGAVSQAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3290.3290.2.dta
GPSGXVSAQQLXR 8 2 0 0 1641	1	675.8264	1349.638	2	58.91	7.10E-06	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2344.2344.2.dta
GPSGXVSAQQLXR 5 2 5 1 1052	1	689.8547	1377.695	2	48.72	7.70E-05	GPSGLVSEAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2952.2952.2.dta
GPSGXVSAQQLXR 0 4 7 1 96	1	626.8023	1251.59	2	30.86	0.0036	GPSGAVSQAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1952.1952.2.dta
GPSGXVSAQQLXR 2 1 5 0 431	1	704.8293	1407.644	2	71.9	8.80E-07	GPSGEVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2465.2465.2.dta
GPSGXVSAQQLXR 9 6 2 1 1926	1	701.8184	1401.622	2	41.31	0.00078	GPSGVVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2208.2208.2.dta
GPSGXVSAQQLXR 0 9 9 1 200	1	710.8314	1419.648	2	56.04	2.10E-05	GPSGAVSQAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2544.2544.2.dta
GPSGXVSAQQLXR 8 5 6 1 1714	1	661.8416	1321.669	2	48.01	8.80E-05	GPSGVVSLAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2792.2792.2.dta
GPSGXVSAQQLXR 2 5 5 0 511	1	703.8579	1405.701	2	55.09	1.50E-05	GPSGEVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3306.3306.2.dta
GPSGXVSAQQLXR 4 8 0 0 1961	1	639.8159	1277.617	2	55.55	3.80E-06	GPSGGVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2416.2416.2.dta
GPSGXVSAQQLXR 0 3 4 1 70	1	649.8128	1297.611	2	45.46	0.00014	GPSGAVSQAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2641.2641.2.dta
GPSGXVSAQQLXR 9 5 1 0 1903	1	721.8398	1441.665	2	64.15	1.60E-06	GPSGVVSLAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2818.2818.2.dta
GPSGXVSAQQLXR 3 8 5 0 1771	1	705.863	1409.712	2	73.32	5.60E-08	GPSGFVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3512.3512.2.dta
GPSGXVSAQQLXR 8 5 5 0 1711	1	688.8708	1375.727	2	92.71	1.00E-09	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3552.3552.2.dta
GPSGXVSAQQLXR 6 4 3 1 1288	1	657.8103	1313.606	2	29.25	0.0075	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2537.2537.2.dta
GPSGXVSAQQLXR 0 4 0 0 81	1	625.8002	1249.586	2	60.55	8.80E-07	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2083.2083.2.dta
GPSGXVSAQQLXR 9 5 2 1 1906	1	714.8445	1427.675	2	35.58	0.0013	GPSGVVSLAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2817.2817.2.dta
GPSGXVSAQQLXR 1 1 9 1 240	1	708.8082	1415.602	2	39.6	0.00025	GPSGDVSDAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2221.2221.2.dta
GPSGXVSAQQLXR 6 2 6 1 1254	1	442.8709	1325.591	3	39.64	0.00045	GPSGSVSEAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1926.1926.3.dta
GPSGXVSAQQLXR 4 4 0 1 882	1	604.7892	1207.564	2	17.81	0.017	GPSGGVSAQQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5348.5348.2.dta
GPSGXVSAQQLXR 2 2 8 0 457	1	704.8294	1407.644	2	61.57	9.50E-06	GPSGEVSEAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2465.2465.2.dta
GPSGXVSAQQLXR 4 3 4 1 870	1	642.8051	1283.596	2	52.24	2.10E-05	GPSGGVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2610.2610.2.dta
GPSGXVSAQQLXR 0 3 7 1 76	1	671.826	1341.638	2	27.6	0.0068	GPSGAVSQAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2688.2688.2.dta
GPSGXVSAQQLXR 5 5 3 0 1107	1	712.871	1423.727	2	60.21	9.50E-07	GPSGLVSLAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3841.3841.2.dta
GPSGXVSAQQLXR 5 3 5 0 1071	1	712.871	1423.727	2	31.93	0.00064	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3513.3513.2.dta
GPSGXVSAQQLXR 3 8 3 1 768	1	708.8522	1415.602	2	58.55	8.80E-06	GPSGFVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3593.3593.2.dta
GPSGXVSAQQLXR 4 5 9 1 920	1	678.8339	1355.653	2	32.43	0.0027	GPSGVVSLAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2800.2800.2.dta
GPSGXVSAQQLXR 6 0 4 1 1210	1	619.7946	1237.575	2	27.31	0.0099	GPSGSVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2081.2081.2.dta
GPSGXVSAQQLXR 0 0 0 0 1	1	632.8081	1263.602	2	57.24	1.90E-06	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2200.2200.2.dta
GPSGXVSAQQLXR 5 8 4 1 1170	1	646.8364	1291.658	2	51.07	4.30E-05	GPSGLVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2776.2776.6.dta
GPSGXVSAQQLXR 5 5 8 0 1117	1	459.583	1375.727	3	49.93	2.90E-05	GPSGLVSLAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3482.3482.3.dta
GPSGXVSAQQLXR 0 0 3 1 8	1	656.8208	1311.627	2	46.89	7.00E-05	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2793.2793.2.dta
GPSGXVSAQQLXR 0 4 8 0 197	1	639.816	1277.617	2	60.49	1.20E-06	GPSGAVSQAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2232.2232.2.dta
GPSGXVSAQQLXR 6 4 0 1 1282	1	619.7947	1237.575	2	22.52	0.03	GPSGSVSAQQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5189.5189.2.dta
GPSGXVSAQQLXR 8 5 1 1 1704	1	675.8393	1349.664	2	41.65	0.00052	GPSGVVSLAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2816.2816.2.dta
GPSGXVSAQQLXR 0 1 9 0 39	1	647.5467	1399.618	3	63.2	2.20E-06	GPSGAVSQAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2350.2350.3.dta
GPSGXVSAQQLXR 9 7 9 1 1960	1	725.8369	1449.659	2	48.29	0.00025	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2466.2466.2.dta
GPSGXVSAQQLXR 6 8 8 1 1378	1	654.8339	1307.653	2	41.3	0.00033	GPSGSVSAQQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2608.2608.2.dta
GPSGXVSAQQLXR 9 0 7 1 1816	1	679.8237	1357.633	2	37.37	0.003	GPSGVVSAQQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2353.2353.2.dta
GPSGXVSAQQLXR 8 5 3 0 1707	1	705.8632	1409.712	2	64.95	3.80E-07	GPSGVVSLAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3664.3664.2.dta
GPSGXVSAQQLXR 1 0 6 1 214	1	648.7975	1295.581	2	30.88	0.0036	GPSGDVSAQQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.6044.6044.2.dta
GPSGXVSAQQLXR 8 9 4 1 1790	1	671.8262	1341.638	2	53.01	2.00E-05	GPSGVVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2521.2521.2.dta
GPSGXVSAQQLXR 5 3 5 1 1072	1	698.868	1395.721	2	47.73	4.00E-05	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3672.3672.2.dta
GPSGXVSAQQLXR 2 5 2 0 505	1	711.8375	1421.66	2	64.83	5.70E-06	GPSGEVSLAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2529.2529.2.dta
GPSGXVSAQQLXR 0 8 0 0 161	1	646.824	1291.633	2	83.85	5.60E-09	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2456.2456.2.dta
GPSGXVSAQQLXR 8 8 2 0 1765	1	689.8425	1377.671	2	71.74	2.60E-07	GPSGVVSAQQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2624.2624.2.dta
GPSGXVSAQQLXR 9 7 6 1 1954	1	687.8213	1373.628	2	39.41	0.0021	GPSGVVSTAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2216.2216.2.dta
GPSGXVSAQQLXR 0 7 8 1 158	1	647.8262	1293.638	2	49.47	5.40E-05	GPSGAVSQAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4721.4721.2.dta
GPSGXVSAQQLXR 0 2 5 0 51	1	682.8347	1363.655	2	81.42	3.70E-08	GPSGAVSQAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2545.2545.2.dta
GPSGXVSAQQLXR 9 4 4 0 1889	1	664.8059	1327.597	2	59.74	1.10E-06	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2233.2233.2.dta
GPSGXVSAQQLXR 7 2 8 1 1458	1	676.8291	1351.644	2	37.06	0.0013	GPSGTVSEAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2264.2264.2.dta
GPSGXVSAQQLXR 0 4 0 1 82	1	611.7974	1221.58	2	47.87	1.60E-05	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2048.2048.2.dta
GPSGXVSAQQLXR 0 0 4 1 10	1	611.7974	1221.58	2	26.94	0.002	GPSGAVSQAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5092.5092.2.dta
GPSGXVSAQQLXR 9 6 0 1 1922	1	672.816	1343.617	2	42.45	0.00079	GPSGVVSAQQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2201.2201.2.dta
GPSGXVSAQQLXR 3 4 4 1 690	1	642.8054	1283.596	2	42.23	0.00021	GPSGGVSAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2424.2424.2.dta
GPSGXVSAQQLXR 3 4 7 1 696	1	664.8185	1327.623	2	45.02	0.00016	GPSGFVSAQQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2441.2441.2.dta
GPSGXVSAQQLXR 5 7 4 1 1150	1	647.8263	1293.638	2	43.25	0.00023	GPSGLVSTAQQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2440.2440.2.dta
GPSGXVSAQQLXR 9 6 0 0 1921	1	686.814	1371.613	2	30.7	0.0089	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5258.5258.2.dta
GPSGXVSAQQLXR 9 0 9 0 1819	1	724.8297	1447.645	2	40.23	0.00075	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4636.4636.2.dta
GPSGXVSAQQLXR 8 5 7 0 1715	1	682.8482	1363.682	2	38.92</					

GPSGXVSAQXLXR 5 6 9 0 1139	1	707.8403	1413.666	2	43.4	0.00019	GPSGLVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2594.2594.2.dta
GPSGXVSAQXLXR 5 1 0 0 1021	1	675.8247	1349.635	2	33.46	0.0018	GPSGLVSDAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5007.5007.2.dta
GPSGXVSAQXLXR 8 0 2 0 1605	1	675.8247	1349.635	2	40.85	0.00032	GPSGVVSSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4867.4867.2.dta
GPSGXVSAQXLXR 9 6 3 0 1927	1	483.5575	1447.651	3	26.86	0.013	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2742.2742.3.dta
GPSGXVSAQXLXR 6 4 9 0 1299	1	679.8091	1357.604	2	46.81	5.60E-05	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1946.1946.2.dta
GPSGXVSAQXLXR 9 3 9 0 1879	1	672.8484	1523.682	2	27.9	0.0097	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5020.5020.2.dta
GPSGXVSAQXLXR 1 5 0 0 301	1	675.8248	1349.635	2	37.75	0.00066	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4579.4579.2.dta
GPSGXVSAQXLXR 7 3 0 0 1461	1	685.8275	1369.641	2	42.47	0.0001	GPSGTVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2692.2692.2.dta
GPSGXVSAQXLXR 2 3 1 1 464	1	707.8168	1413.619	2	25.64	0.013	GPSGEVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4908.4908.2.dta
GPSGXVSAQXLXR 6 2 8 0 1257	1	683.8224	1365.63	2	40.9	0.00039	GPSGVVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2210.2210.2.dta
GPSGXVSAQXLXR 2 5 3 0 507	1	720.8486	1439.683	2	55.55	9.10E-06	GPSGEVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3372.3372.2.dta
GPSGXVSAQXLXR 4 6 9 0 939	1	453.5421	1357.605	3	36.17	0.00065	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1951.1951.3.dta
GPSGXVSAQXLXR 9 9 3 1 1988	1	748.8458	1495.677	2	28.11	0.015	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4733.4733.2.dta
GPSGXVSAQXLXR 6 9 0 0 1381	1	686.8174	1371.62	2	59.85	5.40E-06	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2290.2290.2.dta
GPSGXVSAQXLXR 6 0 3 0 1207	1	678.82	1355.626	2	26.69	0.0048	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2661.2661.2.dta
GPSGXVSAQXLXR 9 1 1 0 1823	1	722.81	1443.605	2	38.05	0.00054	GPSGVVSSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2226.2226.2.dta
GPSGXVSAQXLXR 4 6 8 0 937	1	647.8123	1293.61	2	57.49	1.00E-05	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1932.1932.2.dta
GPSGXVSAQXLXR 9 1 7 0 1835	1	477.5494	1429.626	3	38.29	0.00091	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2246.2246.3.dta
GPSGXVSAQXLXR 2 2 1 0 443	1	712.8076	1423.601	2	40.37	0.00082	GPSGEVSSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2046.2046.2.dta
GPSGXVSAQXLXR 4 5 7 0 915	1	441.5545	1321.642	3	31.03	0.0022	GPSGLVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2125.2125.3.dta
GPSGXVSAQXLXR 9 2 9 0 1859	1	753.8364	1505.658	2	24.23	0.014	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4654.4654.2.dta
GPSGXVSAQXLXR 6 6 9 0 1339	1	663.546	1387.616	3	71.14	3.20E-07	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1941.1941.3.dta
GPSGXVSAQXLXR 9 5 4 0 1909	1	692.8361	1383.658	2	24.35	0.00099	GPSGVVSSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3477.3477.2.dta
GPSGXVSAQXLXR 6 5 0 0 1301	1	661.8282	1321.642	2	84.55	9.60E-09	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2578.2578.2.dta
GPSGXVSAQXLXR 9 2 6 0 1853	1	477.5496	1429.627	3	29.76	0.0065	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5135.5135.3.dta
GPSGXVSAQXLXR 3 3 8 1 678	1	708.8513	1415.688	2	40.5	0.00054	GPSGFVSSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3371.3371.2.dta
GPSGXVSAQXLXR 9 3 8 0 1877	1	487.5704	1459.689	3	44.69	0.00014	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3144.3144.3.dta
GPSGXVSAQXLXR 8 3 1 0 1663	1	706.8337	1411.653	2	73.8	1.10E-07	GPSGVVSSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2850.2850.2.dta
GPSGXVSAQXLXR 3 8 7 0 775	1	699.8441	1397.674	2	53.15	1.30E-05	GPSGFVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2899.2899.2.dta
GPSGXVSAQXLXR 3 5 6 0 713	1	699.8441	1397.674	2	62.02	1.70E-06	GPSGFVSSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3050.3050.2.dta
GPSGXVSAQXLXR 4 3 5 0 871	1	684.8387	1367.663	2	68.54	5.90E-07	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3218.3218.2.dta
GPSGXVSAQXLXR 2 1 7 0 435	1	698.8104	1395.606	2	50.23	5.30E-05	GPSGEVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2051.2051.2.dta
GPSGXVSAQXLXR 5 5 8 1 1118	1	450.2471	1347.719	3	61.47	2.10E-06	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3373.3373.3.dta
GPSGXVSAQXLXR 9 2 0 0 1841	1	472.218	1413.632	3	70.12	5.40E-07	GPSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2287.2287.3.dta
GPSGXVSAQXLXR 2 9 5 0 591	1	728.847	1455.679	2	26.49	0.00071	GPSGEVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5549.5549.2.dta
GPSGXVSAQXLXR 5 8 3 0 1167	1	705.8624	1409.71	2	58.7	1.60E-06	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3530.3530.2.dta
GPSGXVSAQXLXR 5 3 8 0 1077	1	705.8624	1409.71	2	76.3	2.80E-08	GPSGLVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3370.3370.2.dta
GPSGXVSAQXLXR 2 7 2 0 545	1	705.8184	1409.622	2	54.53	2.90E-05	GPSGEVSSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2082.2082.2.dta
GPSGXVSAQXLXR 2 2 9 0 459	1	736.8264	1471.638	2	73.83	1.50E-07	GPSGEVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2258.2258.2.dta
GPSGXVSAQXLXR 9 5 7 0 1915	1	714.8495	1427.685	2	71.61	2.10E-07	GPSGVVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2882.2882.2.dta
GPSGXVSAQXLXR 9 4 0 0 1881	1	671.8129	1341.611	2	65.58	5.80E-07	GPSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2186.2186.2.dta
GPSGXVSAQXLXR 3 9 9 0 1800	1	748.8466	1495.679	2	44	0.00034	GPSGVVSSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2932.2932.2.dta
GPSGXVSAQXLXR 5 8 0 0 1117	1	459.5826	1375.726	3	58.67	2.60E-06	GPSGLVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3404.3404.3.dta
GPSGXVSAQXLXR 9 9 3 0 1987	1	762.8497	1523.685	2	27.7	0.0073	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4877.4877.2.dta
GPSGXVSAQXLXR 5 6 0 0 1121	1	661.8286	1321.643	2	25.83	0.0072	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.6010.6010.2.dta
GPSGXVSAQXLXR 1 3 9 0 279	1	738.8315	1475.648	2	57.97	4.50E-06	GPSGDVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2818.2818.2.dta
GPSGXVSAQXLXR 9 3 3 0 1867	1	503.5706	1507.69	3	44.54	8.40E-05	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3566.3566.3.dta
GPSGXVSAQXLXR 5 3 3 1 1068	1	715.8594	1429.704	2	45.96	9.40E-05	GPSGLVSSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3746.3746.2.dta
GPSGXVSAQXLXR 0 9 7 0 195	1	693.8261	1385.638	2	55.43	1.20E-05	GPSGAVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2088.2088.2.dta
GPSGXVSAQXLXR 8 9 3 0 1787	1	730.8522	1459.69	2	74.07	1.10E-07	GPSGVVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3203.3203.2.dta
GPSGXVSAQXLXR 1 7 9 0 359	1	715.8211	1429.628	2	43.56	0.00027	GPSGDVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1959.1959.2.dta
GPSGXVSAQXLXR 0 5 5 0 111	1	674.8547	1347.695	2	81.29	7.40E-09	GPSGAVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3242.3242.2.dta
GPSGXVSAQXLXR 0 5 0 0 101	1	653.8311	1305.648	2	61.83	6.60E-07	GPSGAVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2693.2693.2.dta
GPSGXVSAQXLXR 5 5 5 1 1112	1	681.8751	1361.736	2	50.97	1.80E-05	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3642.3642.2.dta
GPSGXVSAQXLXR 5 8 8 0 1177	1	681.8625	1361.711	2	64.74	3.50E-07	GPSGLVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3091.3091.2.dta
GPSGXVSAQXLXR 1 3 5 0 271	1	713.8419	1425.669	2	55.25	1.20E-05	GPSGDVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3202.3202.2.dta
GPSGXVSAQXLXR 6 1 8 0 1237	1	451.5463	1351.617	3	51.31	3.10E-05	GPSGVVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1942.1942.3.dta
GPSGXVSAQXLXR 9 2 5 0 1851	1	486.2339	1455.68	3	26.89	0.0071	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2688.2688.3.dta
GPSGXVSAQXLXR 5 0 3 0 1007	1	461.567	1381.679	3	61.01	1.20E-06	GPSGLVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3215.3215.3.dta
GPSGXVSAQXLXR 5 5 3 1 1108	1	466.2473	1395.72	3	64.35	8.60E-07	GPSGLVSSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3764.3764.3.dta
GPSGXVSAQXLXR 5 2 8 0 1057	1	464.9023	1391.685	3	28.65	0.0061	GPSGLVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2936.2936.3.dta
GPSGXVSAQXLXR 9 3 2 1 1866	1	731.8364	1461.658	2	27.56	0.011	GPSGVVSSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2616.2616.2.dta
GPSGXVSAQXLXR 3 1 0 0 621	1	692.8184	1383.622	2	45.11	0.0001	GPSGFVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2484.2484.2.dta
GPSGXVSAQXLXR 0 9 9 0 199	1	483.5585	1447.654	3	24.83	0.013	GPSGAVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2535.2535.3.dta
GPSGXVSAQXLXR 5 2 5 0 1051	1	703.8576	1405.701	2	48.97	4.90E-05	GPSGLVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2930.2930.2.dta
GPSGXVSAQXLXR 3 3 5 1 672	1	477.5755	1429.705	3	25.98	0.0093	GPSGFVSSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3648.3648.3.dta
GPSGXVSAQXLXR 9 3 9 1 1880	1	748.8469	1495.679	2	31.86	0.0056	GPSGVVSSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4878.4878.2.dta
GPSGXVSAQXLXR 9 9 5 0 1991	1	745.8577	1489.701	2	44.24	0.00011	GPSGVVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3010.3010.2.dta
GPSGXVSAQXLXR 4 3 3 1 868	1	687.8283	1373.642	2	40.4	0.00066	GPSGDVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3316.3316.2.dta
GPSGXVSAQXLXR 6 0 2 0 1205	1	669.808	1337.602	2	74.59	1.70E-07	GPSGVVSSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2090.2090.2.dta
GPSGXVSAQXLXR 3 9 7 1 796	1	717.839	1433.663	2	41.37	0.0009	GPSGFVSSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2772.2772.2.dta
GPSGXVSAQXLXR 4 5 8 1 918	1	646.8361	1291.658	2	51.67	3.50E-05	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2859.2859.2.dta
GPSGXVSAQXLXR 9 4 1 1 1884	1	679.8051	1357.596	2	29.84	0.0047	GPSGVVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5288.5288.2.dta
GPSGXVSAQXLXR 4 8 0 0 961	1	639.8156	1277.617	2	57.55	2.40E-06	GPSGVVSSAQLVLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2356.2356.2.dta
GPSGXVSAQXLXR 5 3 9 0 1079	1	737.8604	1473.706	2	31.04	0.0021	GPSGLVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4597.4597.2.dta
GPSGXVSAQXLXR 0 0 3 0 7	1	670.8235	1339.633	2	59.74	3.00E-06	GPSGAVSSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2770.2770.2.dta
GPSGXVSAQXLXR 1 5 5 1 312	1	682.8467	1363.679	2	48.68	7.50E-05	GPSGDVSSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3138.3138.2.dta
GPSGXVSAQXLXR 3 5 9 1 720	1	723.8572	1445.7							

GPSGXVSAQQLXR 2 4 7 0 495	1	446.8746	1337.676	3	60.07	4.70E-06	GPSGVSQAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1916.1916.3.dta
GPSGXVSAQQLXR 4 5 5 1 1912	1	653.8441	1305.674	2	49.21	5.20E-05	GPSGVSQAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3156.3156.2.dta
GPSGXVSAQQLXR 3 1 5 0 1631	1	713.8423	1425.67	2	80.44	3.60E-08	GPSGVSQAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2900.2900.2.dta
GPSGXVSAQQLXR 9 9 9 0 1999	1	770.8478	1539.681	2	26.99	0.00057	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4818.4818.2.dta
GPSGXVSAQQLXR 4 0 3 1 808	1	649.8128	1297.611	2	35.77	0.0013	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2690.2690.2.dta
GPSGXVSAQQLXR 6 8 6 1 1374	1	648.8156	1295.617	2	52.42	3.30E-05	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2195.2195.2.dta
GPSGXVSAQQLXR 3 3 8 0 1677	1	722.8553	1443.696	2	60.93	3.40E-06	GPSGVSQAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3411.3411.2.dta
GPSGXVSAQQLXR 9 5 1 0 1903	1	721.8398	1441.665	2	61.55	3.00E-06	GPSGVSQAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2778.2778.2.dta
GPSGXVSAQQLXR 6 2 1 0 1243	1	461.538	1381.592	3	59.22	3.40E-06	GPSGVSQAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1896.1896.3.dta
GPSGXVSAQQLXR 5 8 5 1 1172	1	674.8677	1347.721	2	42.95	0.00015	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3394.3394.2.dta
GPSGXVSAQQLXR 1 5 3 1 308	1	699.8392	1397.664	2	51.31	6.00E-05	GPSGDVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3259.3259.2.dta
GPSGXVSAQQLXR 5 5 5 0 1111	1	695.8787	1389.743	2	36.42	0.00044	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3679.3679.2.dta
GPSGXVSAQQLXR 3 3 0 1 662	1	694.8365	1387.658	2	48.18	0.0001	GPSGFVSAQQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3147.3147.2.dta
GPSGXVSAQQLXR 3 3 0 0 661	1	708.8396	1415.665	2	40.86	0.00043	GPSGFVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3186.3186.2.dta
GPSGXVSAQQLXR 1 5 9 0 319	1	721.8398	1441.665	2	35.85	0.0011	GPSGDVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4796.4796.2.dta
GPSGXVSAQQLXR 5 0 5 1 1012	1	660.852	1319.69	2	49.45	3.70E-05	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3052.3052.2.dta
GPSGXVSAQQLXR 3 3 3 0 1667	1	746.8554	1491.696	2	53.01	1.10E-05	GPSGFVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3802.3802.2.dta
GPSGXVSAQQLXR 3 3 5 0 671	1	486.9112	1457.712	3	62.42	2.00E-06	GPSGFVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3677.3677.3.dta
GPSGXVSAQQLXR 3 7 3 1 748	1	709.8419	1417.669	2	57.43	8.70E-06	GPSGFVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3090.3090.2.dta
GPSGXVSAQQLXR 5 2 3 1 1048	1	706.8472	1411.68	2	53.59	2.30E-05	GPSGLVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3029.3029.2.dta
GPSGXVSAQQLXR 1 7 1 0 343	1	691.8034	1381.592	2	39.38	0.00033	GPSGDVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1891.1891.2.dta
GPSGXVSAQQLXR 2 2 0 0 441	1	690.8138	1379.613	2	54.16	4.50E-05	GPSGEVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2091.2091.2.dta
GPSGXVSAQQLXR 0 2 8 0 157	1	675.8267	1349.639	2	56.18	1.40E-05	GPSGAVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2275.2275.2.dta
GPSGXVSAQQLXR 9 3 0 0 1861	1	716.8372	1431.66	2	55.27	7.60E-06	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2914.2914.2.dta
GPSGXVSAQQLXR 3 5 4 0 709	1	684.8396	1367.665	2	65.29	1.20E-06	GPSGFVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2066.2066.2.dta
GPSGXVSAQQLXR 5 9 1 0 1183	1	721.84	1441.665	2	42.23	0.00025	GPSGLVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4651.4651.2.dta
GPSGXVSAQQLXR 3 8 5 1 772	1	691.86	1381.706	2	42.79	0.00019	GPSGFVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3410.3410.2.dta
GPSGXVSAQQLXR 3 5 6 1 714	1	685.8419	1369.669	2	36.78	0.0011	GPSGFVSAQQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3002.3002.2.dta
GPSGXVSAQQLXR 6 4 3 1 1288	1	657.8105	1313.606	2	46.83	0.00013	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2483.2483.2.dta
GPSGXVSAQQLXR 1 8 3 1 368	1	692.8315	1383.649	2	48.03	0.00012	GPSGDVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3019.3019.2.dta
GPSGXVSAQQLXR 3 8 4 0 769	1	677.8318	1353.649	2	52.38	1.40E-05	GPSGFVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2802.2802.2.dta
GPSGXVSAQQLXR 6 4 0 0 1281	1	633.7979	1265.581	2	35.41	0.00039	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1883.1883.2.dta
GPSGXVSAQQLXR 5 8 4 0 1169	1	660.8396	1319.665	2	62.61	9.00E-07	GPSGLVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2748.2748.2.dta
GPSGXVSAQQLXR 5 9 8 0 1197	1	776.2429	1425.707	3	74.47	7.50E-08	GPSGLVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2006.2006.3.dta
GPSGXVSAQQLXR 6 8 7 1 1376	1	655.8236	1309.633	2	36.15	0.0022	GPSGAVSAQQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2307.2307.2.dta
GPSGXVSAQQLXR 0 3 4 0 169	1	663.8162	1325.618	2	57.66	2.80E-06	GPSGAVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2634.2634.2.dta
GPSGXVSAQQLXR 0 2 5 0 51	1	455.5589	1363.655	3	26.87	0.01	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2623.2623.3.dta
GPSGXVSAQQLXR 7 8 8 1 1578	1	661.8419	1321.669	2	28.29	0.0069	GPSGTVSAQQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2820.2820.2.dta
GPSGXVSAQQLXR 0 0 0 0 1	1	632.8083	1263.602	2	66.41	2.30E-07	GPSGAVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2275.2275.2.dta
GPSGXVSAQQLXR 4 3 4 1 870	1	642.8053	1283.596	2	44.55	0.00012	GPSGVSQAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2547.2547.2.dta
GPSGXVSAQQLXR 6 5 5 1 1312	1	668.8498	1335.685	2	39.48	0.00064	GPSGVSQAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3115.3115.2.dta
GPSGXVSAQQLXR 3 2 2 0 1645	1	728.8298	1455.645	2	58.71	1.10E-05	GPSGFVSAQQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2527.2527.2.dta
GPSGXVSAQQLXR 3 2 8 0 1657	1	713.8427	1425.671	2	69.19	4.80E-07	GPSGFVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2722.2722.2.dta
GPSGXVSAQQLXR 1 6 5 0 331	1	456.2187	1365.634	3	45.5	0.00014	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2387.2387.3.dta
GPSGXVSAQQLXR 8 1 8 0 1637	1	682.8348	1363.655	2	72.42	3.20E-07	GPSGVSQAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2411.2411.2.dta
GPSGXVSAQQLXR 3 4 0 0 1681	1	663.8164	1325.618	2	68.28	2.50E-07	GPSGFVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2426.2426.2.dta
GPSGXVSAQQLXR 6 0 7 0 1335	1	663.804	1325.594	2	61.07	2.50E-06	GPSGVSQAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1859.1859.2.dta
GPSGXVSAQQLXR 9 5 6 0 1913	1	707.8382	1413.662	2	55.33	1.30E-05	GPSGVSQAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2695.2695.2.dta
GPSGXVSAQQLXR 9 6 9 0 1939	1	732.8283	1463.642	2	51.75	5.50E-05	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2357.2357.2.dta
GPSGXVSAQQLXR 3 6 2 0 725	1	707.8206	1413.627	2	70.41	9.90E-07	GPSGFVSAQQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2410.2410.2.dta
GPSGXVSAQQLXR 6 0 6 0 1213	1	648.7997	1295.585	2	54.15	5.80E-06	GPSGVSQAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2009.2009.2.dta
GPSGXVSAQQLXR 0 3 2 1 66	1	685.8209	1369.627	2	49.39	9.00E-05	GPSGAVSAQQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2682.2682.2.dta
GPSGXVSAQQLXR 9 3 3 0 1867	1	754.8503	1507.686	2	61.42	3.10E-06	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3445.3445.2.dta
GPSGXVSAQQLXR 5 3 1 0 1063	1	713.84	1425.665	2	53.75	1.50E-05	GPSGLVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3011.3011.2.dta
GPSGXVSAQQLXR 0 7 4 0 149	1	640.8036	1279.593	2	45.14	0.00015	GPSGAVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2041.2041.2.dta
GPSGXVSAQQLXR 9 7 9 0 1959	1	739.8378	1477.661	2	25.03	0.016	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2669.2669.2.dta
GPSGXVSAQQLXR 2 7 6 0 553	1	684.8118	1367.609	2	24.18	0.00092	GPSGEVSAQQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1876.1876.2.dta
GPSGXVSAQQLXR 5 6 0 0 1121	1	661.8273	1321.64	2	67.95	4.40E-07	GPSGLVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2375.2375.2.dta
GPSGXVSAQQLXR 4 4 3 0 887	1	656.8064	1311.598	2	75.24	1.40E-07	GPSGVSQAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2544.2544.2.dta
GPSGXVSAQQLXR 8 9 7 0 1795	1	707.8406	1413.667	2	60.9	3.30E-06	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2552.2552.2.dta
GPSGXVSAQQLXR 2 6 7 0 535	1	684.8121	1367.61	2	52.81	1.30E-05	GPSGEVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2015.2015.2.dta
GPSGXVSAQQLXR 3 1 2 0 625	1	721.8199	1441.625	2	55.58	1.40E-05	GPSGFVSAQQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2443.2443.2.dta
GPSGXVSAQQLXR 4 9 3 1 988	1	695.8248	1389.635	2	35.73	0.0022	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2876.2876.2.dta
GPSGXVSAQQLXR 6 4 1 0 1283	1	655.7914	1309.568	2	51.26	4.30E-05	GPSGVSQAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1857.1857.2.dta
GPSGXVSAQQLXR 6 9 0 0 1381	1	686.8177	1371.621	2	51.46	3.70E-05	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2271.2271.2.dta
GPSGXVSAQQLXR 9 5 3 0 1907	1	737.8596	1473.705	2	73.45	1.60E-07	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3431.3431.2.dta
GPSGXVSAQQLXR 2 1 9 1 440	1	715.815	1429.616	2	46.31	8.20E-05	GPSGEVSAQQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2154.2154.2.dta
GPSGXVSAQQLXR 6 2 6 0 1253	1	677.8049	1353.595	2	60.11	1.90E-06	GPSGVSQAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1865.1865.2.dta
GPSGXVSAQQLXR 2 1 1 0 423	1	705.8	1409.585	2	71.54	1.20E-07	GPSGEVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1999.1999.2.dta
GPSGXVSAQQLXR 5 3 9 0 1079	1	737.8597	1473.705	2	55.27	1.90E-05	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3200.3200.2.dta
GPSGXVSAQQLXR 2 3 1 0 463	1	721.8208	1441.627	2	66.58	7.10E-07	GPSGEVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2583.2583.2.dta
GPSGXVSAQQLXR 2 2 6 0 453	1	698.8104	1395.606	2	57.96	8.90E-06	GPSGEVSAQQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1908.1908.2.dta
GPSGXVSAQQLXR 6 3 3 0 1267	1	716.8364	1431.658	2	53.03	1.30E-05	GPSGVSQAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3240.3240.2.dta
GPSGXVSAQQLXR 9 0 3 0 1807	1	716.8364	1431.658	2	53.71	1.10E-05	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2922.2922.2.dta
GPSGXVSAQQLXR 4 3 9 0 879	1	709.8286	1417.643	2	55.14	6.70E-06	GPSGVSQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2800.2800.2.dta
GPSGXVSAQQLXR 4 4 3 1 888	1	642.8044	1283.594	2	50.45	3.10E-05	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2514.2514.2.dta
GPSGXVSAQQLXR 0 6 8 0 137	1	654.8207	1307.627	2	77.56	4.70E-08	GPSGAVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2161.2161.2.dta
GPSGXVSAQQLXR 5 3 0 0 1061	1	691.8468	1381.679	2						

GPSGXVSAQQLR 9 5 5 0 1911	1	720.8682	1439.722	2	76.38	4.80E-08	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3335.3335.2.dta
GPSGXVSAQQLR 6 5 5 0 1311	1	682.8525	1363.69	2	53.69	1.60E-05	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3103.3103.2.dta
GPSGXVSAQQLR 3 3 9 0 1679	1	754.8527	1507.691	2	55.36	7.00E-06	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3226.3226.2.dta
GPSGXVSAQQLR 3 3 9 0 1639	1	738.8319	1475.649	2	60.75	2.40E-06	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2641.2641.2.dta
GPSGXVSAQQLR 5 3 2 1 1066	1	706.8469	1411.679	2	41.73	0.00035	GPSGLVSAQLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2985.2985.2.dta
GPSGXVSAQQLR 3 0 0 0 1601	1	706.8237	1339.633	2	63.14	1.40E-06	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2593.2593.2.dta
GPSGXVSAQQLR 0 8 5 0 171	1	667.8472	1333.68	2	66.8	4.10E-07	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2943.2943.2.dta
GPSGXVSAQQLR 6 5 5 1 1312	1	668.8494	1335.684	2	32.64	0.0003	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3071.3071.2.dta
GPSGXVSAQQLR 3 2 8 0 1657	1	713.8423	1425.67	2	61.94	2.50E-06	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2698.2698.2.dta
GPSGXVSAQQLR 1 1 9 1 240	1	708.8081	1415.602	2	47.14	4.30E-05	GPSGDVSDAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2145.2145.2.dta
GPSGXVSAQQLR 3 8 4 0 769	1	677.8317	1353.649	2	45.1	0.00014	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2771.2771.2.dta
GPSGXVSAQQLR 3 0 9 0 1619	1	716.837	1431.66	2	72.83	1.30E-07	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2761.2761.2.dta
GPSGXVSAQQLR 3 2 9 0 1659	1	745.84	1489.665	2	60.22	2.90E-06	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2697.2697.2.dta
GPSGXVSAQQLR 1 9 0 0 381	1	700.8163	1399.618	2	51.8	3.10E-05	GPSGDVSYAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2303.2303.2.dta
GPSGXVSAQQLR 5 3 4 0 1069	1	684.8395	1367.665	2	47.2	8.00E-05	GPSGLVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3012.3012.2.dta
GPSGXVSAQQLR 5 3 5 0 1071	1	712.871	1423.727	2	47.67	1.70E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3535.3535.2.dta
GPSGXVSAQQLR 6 0 4 0 1209	1	422.8676	1265.581	3	40.86	0.00011	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1882.1882.3.dta
GPSGXVSAQQLR 2 0 2 0 405	1	690.8138	1379.613	2	52.65	6.40E-05	GPSGEVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2071.2071.2.dta
GPSGXVSAQQLR 5 9 0 0 1019	1	699.8449	1397.675	2	58.52	3.80E-06	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2719.2719.2.dta
GPSGXVSAQQLR 0 4 8 0 197	1	639.816	1277.617	2	45.27	4.00E-05	GPSGAVSQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2164.2164.2.dta
GPSGXVSAQQLR 1 4 9 0 299	1	693.8086	1385.603	2	63.86	1.50E-06	GPSGDVSGAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2159.2159.2.dta
GPSGXVSAQQLR 9 5 5 1 1912	1	706.8654	1411.716	2	37.01	0.00081	GPSGVVSLAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3304.3304.2.dta
GPSGXVSAQQLR 9 7 3 0 1947	1	731.8426	1461.671	2	70.24	3.40E-07	GPSGVVSTAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2818.2818.2.dta
GPSGXVSAQQLR 6 8 3 1 1368	1	678.8341	1355.654	2	47.23	9.10E-05	GPSGLVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2962.2962.2.dta
GPSGXVSAQQLR 5 9 9 0 1199	1	745.8583	1489.702	2	53.62	1.30E-05	GPSGLVSYAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2896.2896.2.dta
GPSGXVSAQQLR 0 2 8 0 157	1	675.8268	1349.639	2	60.63	4.90E-06	GPSGAVSQAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2256.2256.2.dta
GPSGXVSAQQLR 3 3 3 0 1667	1	746.8557	1491.697	2	58.91	2.90E-06	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3667.3667.2.dta
GPSGXVSAQQLR 3 4 3 0 1687	1	710.832	1401.65	2	34.11	0.00082	GPSGLVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2955.2955.2.dta
GPSGXVSAQQLR 3 1 5 0 1631	1	713.8427	1425.671	2	84.56	1.40E-08	GPSGVVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2863.2863.2.dta
GPSGXVSAQQLR 9 2 9 1 1860	1	739.8346	1477.655	2	46.42	0.00012	GPSGVVSEAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2419.2419.2.dta
GPSGXVSAQQLR 5 3 8 0 1077	1	705.8634	1409.712	2	63.28	1.20E-06	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3290.3290.2.dta
GPSGXVSAQQLR 3 4 0 0 1681	1	663.8163	1325.618	2	75.07	5.10E-08	GPSGVVSGAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2415.2415.2.dta
GPSGXVSAQQLR 5 5 8 0 1117	1	688.8712	1375.728	2	66.33	3.80E-07	GPSGLVLAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3313.3313.2.dta
GPSGXVSAQQLR 4 3 3 0 1867	1	701.8321	1401.65	2	71.62	1.40E-07	GPSGVVSTAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3277.3277.2.dta
GPSGXVSAQQLR 1 9 3 1 388	1	724.8293	1447.644	2	42.87	0.00041	GPSGDVSYAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2856.2856.2.dta
GPSGXVSAQQLR 5 0 5 1 1012	1	660.8524	1319.69	2	53.83	7.90E-06	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2992.2992.2.dta
GPSGXVSAQQLR 2 5 8 0 1517	1	696.8505	1391.687	2	58.39	6.70E-06	GPSGEVLAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2884.2884.2.dta
GPSGXVSAQQLR 9 9 9 0 1999	1	770.8483	1539.682	2	58.58	4.00E-06	GPSGVVSYAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2671.2671.2.dta
GPSGXVSAQQLR 6 9 4 1 1390	1	665.8082	1329.602	2	49.18	8.50E-05	GPSGLVSYAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2183.2183.2.dta
GPSGXVSAQQLR 5 3 1 0 1063	1	713.8375	1425.661	2	43.74	0.00012	GPSGLVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2986.2986.2.dta
GPSGXVSAQQLR 3 4 6 0 1693	1	671.809	1341.603	2	34.09	2.00E-07	GPSGVVSGAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2358.2358.2.dta
GPSGXVSAQQLR 1 4 1 0 283	1	669.7859	1337.557	2	65.51	0.00017	GPSGDVSGAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.1979.1979.2.dta
GPSGXVSAQQLR 9 9 6 0 1939	1	732.8278	1463.641	2	53.43	3.00E-05	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2361.2361.2.dta
GPSGXVSAQQLR 9 1 6 0 1833	1	708.8101	1415.606	2	62.53	3.40E-06	GPSGVVSDAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2161.2161.2.dta
GPSGXVSAQQLR 9 4 6 0 1893	1	679.8077	1357.601	2	66.3	1.00E-06	GPSGVVSGAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2129.2129.2.dta
GPSGXVSAQQLR 9 3 1 1 1864	1	724.8266	1447.639	2	33.5	0.00027	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2694.2694.2.dta
GPSGXVSAQQLR 9 5 6 0 1913	1	707.84	1413.666	2	41.62	0.00028	GPSGVVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2705.2705.2.dta
SXPFKXSPFLXFR 7 1 4 1 1430	1	487.5656	1459.675	3	35.77	0.00017	STPFKDSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2444.2444.3.dta
SXPFKXSPFLXFR 2 5 2 1 506	1	779.8815	1557.749	2	20.61	0.014	SEPFKLSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2908.2908.2.dta
GPSGXVSAQQLR 6 4 8 0 1297	1	647.8116	1293.609	2	77.81	9.40E-08	GPSGVVSGAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2138.2138.2.dta
GPSGXVSAQQLR 5 4 4 0 1089	1	639.8141	1277.614	2	59.63	1.20E-05	GPSGLVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2339.2339.2.dta
SXPFKXSPFLXFR 7 8 6 1 1574	1	492.2499	1473.728	3	39.31	0.00046	STPFKVSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2730.2730.3.dta
GPSGXVSAQQLR 4 6 0 0 1921	1	633.796	1265.578	2	50.83	7.10E-05	GPSGVVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2009.2009.2.dta
GPSGXVSAQQLR 1 0 5 0 211	1	675.8249	1349.635	2	50.16	3.80E-05	GPSGVVSAQQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2555.2555.2.dta
SXPFKXSPFLXFR 5 2 2 1 1106	1	771.9027	1541.791	2	24.33	0.00077	SPLFGKLSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3131.3131.2.dta
GPSGXVSAQQLR 8 5 3 0 1707	1	705.8613	1409.708	2	43.92	4.90E-05	GPSGVVSLAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3465.3465.2.dta
GPSGXVSAQQLR 3 6 1 0 723	1	700.8146	1399.615	2	25.52	0.013	GPSGVVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2403.2403.2.dta
GPSGXVSAQQLR 9 0 5 0 1811	1	699.8431	1397.672	2	45	8.50E-05	GPSGVVSAQQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2778.2778.2.dta
GPSGXVSAQQLR 5 0 5 0 1011	1	674.8535	1347.693	2	65	3.20E-07	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3010.3010.2.dta
SXPFKXSPFLXFR 2 2 2 1 446	1	787.8614	1573.708	2	22.92	0.00082	SEPFKESPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2462.2462.2.dta
GPSGXVSAQQLR 3 0 5 0 1611	1	691.8458	1381.677	2	29.29	0.00018	GPSGVVSAQQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3046.3046.2.dta
GPSGXVSAQQLR 5 3 3 0 1107	1	712.8694	1423.724	2	44.49	3.60E-05	GPSGLVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3652.3652.2.dta
GPSGXVSAQQLR 1 4 9 0 299	1	693.8071	1385.6	2	45.85	9.80E-05	GPSGDVSGAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2171.2171.2.dta
GPSGXVSAQQLR 6 5 8 1 1318	1	661.8404	1321.666	2	41.26	0.00042	GPSGLVSAQQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2789.2789.2.dta
GPSGXVSAQQLR 5 8 3 1 1168	1	691.8586	1381.703	2	47.61	6.20E-05	GPSGLVSAQQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3378.3378.2.dta
GPSGXVSAQQLR 0 5 3 1 108	1	677.843	1353.672	2	43.95	0.00015	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3244.3244.2.dta
GPSGXVSAQQLR 2 2 9 0 459	1	736.8256	1471.637	2	52.4	3.20E-05	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2254.2254.2.dta
GPSGXVSAQQLR 1 9 1 0 383	1	722.81	1443.605	2	43.73	0.00015	GPSGDVSYAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2188.2188.2.dta
GPSGXVSAQQLR 5 0 0 0 1001	1	653.8304	1305.646	2	53.24	4.70E-06	GPSGLVSAQQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2557.2557.2.dta
SXPFKXSPFLXFR 2 8 7 1 576	1	506.2539	1515.74	3	34.95	0.00013	SEPFKVSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2732.2732.3.dta
GPSGXVSAQQLR 3 5 4 0 709	1	684.8384	1367.662	2	40.48	0.00038	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2993.2993.2.dta
GPSGXVSAQQLR 9 5 3 0 1907	1	737.8594	1473.704	2	45.2	0.00011	GPSGVVSLAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3410.3410.2.dta
GPSGXVSAQQLR 2 1 1 0 423	1	705.7997	1409.585	2	53.18	1.60E-05	GPSGEVSDAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2014.2014.2.dta
SXPFKXSPFLXFR 2 2 5 1 452	1	520.2575	1557.751	3	55.35	5.50E-06	SEPFKESPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2657.2657.3.dta
GPSGXVSAQQLR 3 5 6 1 714	1	685.8406	1369.667	2	29.86	0.00054	GPSGVVSLAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2931.2931.2.dta
GPSGXVSAQQLR 5 3 5 0 1071	1	712.8698	1423.725	2	69.85	1.00E-07	GPSGLVSAQQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3514.3514.2.dta
SXPFKXSPFLXFR 6 8 0 1 1362	1	482.2469	1443.719	3	35.08	0.00013	SXPFKVSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2723.2723.3.dta
GPSGXVSAQQLR 9 4										

GPSGXVSAQXLR 2 1 5 0 431	1	704.8286	1407.643	2	44.68	0.00042	GPSGEVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2394.2394.2.dta
GPSGXVSAQXLR 5 2 5 0 1041	1	682.8336	1363.653	2	46.08	0.00012	GPSGLVSEAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2481.2481.2.dta
GPSGXVSAQXLR 5 2 5 0 1051	1	703.8571	1405.7	2	23.67	0.017	GPSGLVSEAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2879.2879.2.dta
GPSGXVSAQXLR 9 1 9 0 1839	1	746.8287	1491.643	2	50.15	4.00E-05	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2395.2395.2.dta
SXPFKXSPXLFGR 0 0 0 1 2	1	467.5717	1399.693	3	29.14	0.0031	SAPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2487.2487.3.dta
SXPFKXSPXLFGR 6 8 1 1 1364	1	496.9104	1487.71	3	48.84	5.30E-05	SSPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2785.2785.3.dta
GPSGXVSAQXLR 2 4 5 0 491	1	675.8258	1349.637	2	50.06	5.50E-05	GPSGEVSGAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2393.2393.2.dta
GPSGXVSAQXLR 0 5 6 1 114	1	647.8252	1293.636	2	44.6	0.00017	GPSGAVSLAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2483.2483.2.dta
GPSGXVSAQXLR 0 7 6 1 154	1	641.8007	1281.6	2	28.53	0.0057	GPSGAVSTAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2005.2005.2.dta
SXPFKXSPXLFGR 4 1 8 1 838	1	486.9069	1457.699	3	27.13	0.0085	SGPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2787.2787.3.dta
GPSGXVSAQXLR 2 1 9 0 439	1	729.8183	1457.622	2	55.45	7.30E-06	GPSGEVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2197.2197.2.dta
GPSGXVSAQXLR 0 2 4 0 49	1	654.8023	1307.59	2	59.44	6.30E-06	GPSGAVSEAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2065.2065.2.dta
SXPFKXSPXLFGR 2 6 1 1 524	1	506.9019	1517.684	3	48.07	3.30E-05	SEPFKSPDLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2474.2474.3.dta
GPSGXVSAQXLR 9 4 0 0 1881	1	671.8127	1341.611	2	45.52	5.90E-05	GPSGVVSGAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2177.2177.2.dta
GPSGXVSAQXLR 0 3 0 0 7	1	670.8231	1339.632	2	31.42	0.0023	GPSGAVSAAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2739.2739.2.dta
SXPFKXSPXLFGR 2 2 8 1 458	1	515.5859	1543.736	3	42.09	0.00047	SEPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2533.2533.3.dta
GPSGXVSAQXLR 3 3 5 0 671	1	729.8624	1457.71	2	29.82	0.0027	GPSGFVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3535.3535.2.dta
SXPFKXSPXLFGR 5 2 5 1 1052	1	514.9383	1541.793	3	34.28	0.0011	SLPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3132.3132.3.dta
SXPFKXSPXLFGR 1 1 1 1 224	1	511.5617	1531.663	3	42.91	0.00016	SDPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2604.2604.3.dta
GPSGXVSAQXLR 9 1 8 0 1837	1	714.8313	1427.648	2	27.33	0.0093	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2389.2389.2.dta
SXPFKXSPXLFGR 5 6 0 1 1122	1	486.9191	1457.736	3	33.81	0.0018	SLPFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2650.2650.3.dta
GPSGXVSAQXLR 9 2 5 0 1851	1	728.847	1455.679	2	31.51	0.0022	GPSGVVSEAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2659.2659.2.dta
GPSGXVSAQXLR 2 5 5 0 511	1	703.8573	1405.7	2	56.17	9.40E-06	GPSGEVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3146.3146.2.dta
GPSGXVSAQXLR 6 3 8 0 1277	1	692.8364	1383.658	2	32.07	0.0017	GPSGSVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2834.2834.2.dta
SXPFKXSPXLFGR 5 2 0 1 1042	1	590.9227	1499.746	3	34.51	0.0016	SLPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2761.2761.3.dta
SXPFKXSPXLFGR 7 5 2 1 1506	1	510.9262	1529.757	3	50.84	2.10E-05	STPFKSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2906.2906.3.dta
GPSGXVSAQXLR 3 9 5 0 719	1	737.86	1473.705	2	47.7	4.60E-05	GPSGFVSLAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3185.3185.2.dta
GPSGXVSAQXLR 5 0 7 1 1016	1	654.8333	1307.652	2	41.99	0.00027	GPSGLVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2502.2502.2.dta
SXPFKXSPXLFGR 5 5 6 1 1114	1	750.8986	1499.783	2	25.98	0.0061	SLPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3121.3121.2.dta
SXPFKXSPXLFGR 4 8 5 1 972	1	486.2594	1455.756	3	50.91	2.90E-05	SGPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2955.2955.3.dta
GPSGXVSAQXLR 5 5 8 0 1117	1	688.8702	1375.726	2	60.67	1.70E-06	GPSGLVSLAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3295.3295.2.dta
SXPFKXSPXLFGR 0 8 4 1 170	1	472.2437	1413.709	3	52.3	1.50E-05	SAPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2691.2691.3.dta
SXPFKXSPXLFGR 2 1 8 1 438	1	510.9142	1529.721	3	57.69	1.30E-05	SEPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2541.2541.3.dta
GPSGXVSAQXLR 2 2 2 0 445	1	719.816	1437.617	2	66.89	2.60E-06	GPSGEVSEAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2075.2075.2.dta
SXPFKXSPXLFGR 2 5 1 1 504	1	515.5861	1543.736	3	63.55	3.20E-06	SEPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2946.2946.3.dta
GPSGXVSAQXLR 5 3 2 0 1065	1	720.8497	1439.685	2	38.82	0.00041	GPSGLVSEAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2996.2996.2.dta
GPSGXVSAQXLR 5 1 1 0 1023	1	697.821	1393.628	2	33.96	0.005	GPSGLVSDAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2386.2386.2.dta
SXPFKXSPXLFGR 0 5 0 1 102	1	721.8777	1441.741	2	21.5	0.014	SAPFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2882.2882.2.dta
SXPFKXSPXLFGR 9 5 1 1 1904	1	526.9264	1577.757	3	25.22	0.014	SYPPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3047.3047.3.dta
SXPFKXSPXLFGR 0 0 8 1 18	1	476.9157	1427.725	3	52.77	1.30E-05	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2578.2578.3.dta
SXPFKXSPXLFGR 2 2 0 1 442	1	506.2424	1515.705	3	44.88	0.00021	SEPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2452.2452.3.dta
SXPFKXSPXLFGR 1 2 1 1 244	1	516.2338	1545.68	3	44.71	0.00012	SDPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2605.2605.3.dta
GPSGXVSAQXLR 0 0 0 0 1	1	632.8077	1263.601	2	56.63	2.20E-06	GPSGAVSAAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2148.2148.2.dta
SXPFKXSPXLFGR 0 1 8 1 38	1	491.5791	1471.715	3	37.34	0.0015	SAPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2530.2530.3.dta
SXPFKXSPXLFGR 2 7 5 1 552	1	510.9264	1529.757	3	39.81	0.00027	SEPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2718.2718.3.dta
GPSGXVSAQXLR 6 8 6 1 1374	1	648.8153	1295.616	2	46.64	0.00012	GPSGSVSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2196.2196.2.dta
GPSGXVSAQXLR 9 3 2 1 1866	1	731.8365	1461.658	2	32.08	0.0039	GPSGFVSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2763.2763.2.dta
GPSGXVSAQXLR 0 0 9 0 19	1	678.821	1355.627	2	41.11	0.00017	GPSGAVSAAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2329.2329.2.dta
GPSGXVSAQXLR 3 3 0 1 662	1	694.8362	1387.658	2	32.76	0.0035	GPSGFVSAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3070.3070.2.dta
SXPFKXSPXLFGR 0 0 6 1 14	1	708.8519	1415.689	2	33.02	0.003	SAPFKASPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2489.2489.2.dta
SXPFKXSPXLFGR 4 2 0 1 842	1	482.2354	1443.684	3	35.1	0.0021	SGPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2588.2588.3.dta
GPSGXVSAQXLR 9 5 5 0 1911	1	720.8682	1439.722	2	75.8	5.50E-08	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3313.3313.2.dta
GPSGXVSAQXLR 0 9 0 1 182	1	664.818	1327.621	2	55.59	1.40E-05	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2322.2322.2.dta
SXPFKXSPXLFGR 2 5 6 1 514	1	506.2547	1515.742	3	62.54	3.10E-06	SEPFKSPPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2899.2899.3.dta
SXPFKXSPXLFGR 9 8 8 1 1978	1	516.9352	1547.784	3	27.54	0.0044	SYPPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2939.2939.3.dta
GPSGXVSAQXLR 5 7 1 1 1144	1	676.8286	1351.643	2	39.86	0.00053	GPSGLVSTAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2369.2369.2.dta
GPSGXVSAQXLR 0 0 8 0 17	1	646.8236	1291.633	2	63.99	5.40E-07	GPSGAVSAAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2345.2345.2.dta
GPSGXVSAQXLR 9 4 0 1 1882	1	657.8103	1313.606	2	34.11	0.0024	GPSGVVSGAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2150.2150.2.dta
SXPFKXSPXLFGR 5 8 5 1 1172	1	504.9474	1511.82	3	66.97	3.10E-07	SLPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3201.3201.3.dta
GPSGXVSAQXLR 5 9 4 1 1190	1	678.8339	1355.653	2	27.55	0.0084	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2651.2651.2.dta
GPSGXVSAQXLR 3 5 8 0 717	1	705.8632	1409.712	2	67.38	2.20E-07	GPSGFVSLAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3308.3308.2.dta
GPSGXVSAQXLR 1 5 3 0 307	1	713.8427	1425.671	2	27.49	0.007	GPSGDVSLAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3206.3206.2.dta
GPSGXVSAQXLR 9 9 9 1 2000	1	756.845	1511.676	2	29.92	0.01	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2643.2643.2.dta
GPSGXVSAQXLR 5 2 5 1 1052	1	689.8552	1377.696	2	44.07	0.00018	GPSGLVSEAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2843.2843.2.dta
GPSGXVSAQXLR 3 3 1 1 664	1	716.8319	1431.649	2	31.63	0.0076	GPSGFVSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3002.3002.2.dta
SXPFKXSPXLFGR 0 2 6 0 53	1	501.5709	1501.691	3	44.49	0.00032	SAPFKASPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2555.2555.3.dta
SXPFKXSPXLFGR 0 0 7 0 15	1	486.9078	1457.702	3	49.15	7.50E-05	SAPFKASPLTFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2451.2451.3.dta
SXPFKXSPXLFGR 9 3 2 1 1866	1	813.8814	1625.748	2	25.01	0.0066	SYPPFKSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2958.2958.2.dta
SXPFKXSPXLFGR 8 0 1 0 1603	1	500.9117	1499.713	3	38.48	0.0011	SYPPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2733.2733.3.dta
SXPFKXSPXLFGR 5 0 1 0 1003	1	757.8718	1513.729	2	46.89	0.00018	SLPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2810.2810.2.dta
SXPFKXSPXLFGR 3 9 2 0 785	1	827.8848	1653.755	2	26.35	0.0038	SYPPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2995.2995.2.dta
SXPFKXSPXLFGR 2 6 4 0 529	1	496.8997	1487.677	3	39	0.00047	SEPFKSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2379.2379.3.dta
SXPFKXSPXLFGR 5 3 1 0 1063	1	530.9275	1589.761	3	36.85	0.00084	SLPFKSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3045.3045.3.dta
GPSGXVSAQXLR 6 8 7 0 1375	1	669.8228	1337.631	2	23.19	0.011	GPSGSVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2077.2077.2.dta
SXPFKXSPXLFGR 2 2 3 1 448	1	531.5836	1591.729	3	22.92	0.0077	SEPFKESPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2726.2726.3.dta
SXPFKXSPXLFGR 7 9 5 0 1591	1	796.8957	1591.777	2	22.71	0.011	STPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2868.2868.2.dta
SXPFKXSPXLFGR 9 2 3 0 1847	1	552.2593	1653.756	3	24.32	0.0083	SYPPFKESPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4524.4524.3.dta
GPSGXVSAQXLR 6 0 7 0 1215	1	655.8074	1309.6	2	32.22	0.00				

SXPFKXSPLXFGR 0 9 2 0 185	1	789.8712	1577.728	2	31.26	0.0049	SAPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2667.2667.2.dta
SXPFKXSPLXFGR 9 1 6 0 1833	1	790.8609	1579.707	2	27.93	0.0089	SYPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2627.2627.2.dta
SXPFKXSPLXFGR 0 6 9 0 1339	1	512.9131	1535.717	3	33.02	0.0022	SAPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2475.2475.3.dta
SXPFKXSPLXFGR 4 6 6 1 922	1	468.2305	1401.67	3	37.96	0.0013	SGPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4667.4667.3.dta
SXPFKXSPLXFGR 2 2 9 1 460	1	804.871	1607.728	2	41.57	7.00E-05	SEPFKESPLFVGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2503.2503.2.dta
SXPFKXSPLXFGR 7 6 4 1 1530	1	478.234	1431.68	3	66.94	1.30E-06	STPFKSSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2325.2325.3.dta
SXPFKXSPLXFGR 4 4 4 0 889	1	462.8905	1385.65	3	39.35	0.00071	SGPFKSSPLGFGGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2390.2390.3.dta
SXPFKXSPLXFGR 9 6 9 0 1939	1	543.5886	1627.744	3	57.91	4.80E-06	SYPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2638.2638.3.dta
SXPFKXSPLXFGR 6 6 9 0 1339	1	518.2449	1551.713	3	49.56	3.70E-05	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2500.2500.3.dta
SXPFKXSPLXFGR 8 3 9 0 1679	1	542.2692	1623.786	3	43.24	6.40E-05	SVPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3110.3110.3.dta
SXPFKXSPLXFGR 2 1 2 0 425	1	794.8561	1587.698	2	32.94	0.002	SEPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2501.2501.2.dta
SXPFKXSPLXFGR 6 8 6 1 1374	1	487.5779	1459.712	3	23.56	0.015	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2694.2694.3.dta
SXPFKXSPLXFGR 9 7 4 0 1949	1	768.8663	1535.718	2	28.39	0.007	SYPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2611.2611.2.dta
SXPFKXSPLXFGR 6 1 1 0 1223	1	511.5645	1531.672	3	47.41	0.0001	SSPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2565.2565.3.dta
SXPFKXSPLXFGR 9 6 1 0 1923	1	527.5766	1579.708	3	48.57	7.70E-05	SYPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2634.2634.3.dta
SXPFKXSPLXFGR 0 4 4 1 90	1	458.2271	1371.66	3	61.81	2.50E-06	SAPFKSSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2320.2320.3.dta
SXPFKXSPLXFGR 4 6 9 0 939	1	761.8585	1521.703	2	42.39	0.00021	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2493.2493.2.dta
SXPFKXSPLXFGR 0 6 0 1 122	1	472.9026	1415.686	3	62.09	5.80E-06	SAPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2323.2323.3.dta
SXPFKXSPLXFGR 2 5 2 0 505	1	529.5923	1585.755	3	63.2	1.50E-06	SEPFKESPLFVGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2928.2928.3.dta
SXPFKXSPLXFGR 0 2 9 1 60	1	775.8686	1549.723	2	26.62	0.014	SAPFKESPLFVGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2460.2460.2.dta
SXPFKXSPLXFGR 1 9 2 0 385	1	541.5802	1621.719	3	33.53	0.0022	SDPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2806.2806.3.dta
SXPFKXSPLXFGR 4 9 9 0 999	1	533.5853	1597.734	3	48.21	2.50E-05	SGPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2748.2748.3.dta
SXPFKXSPLXFGR 9 3 0 0 1861	1	798.8846	1595.755	2	21.06	0.011	SYPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2659.2659.2.dta
SXPFKXSPLXFGR 6 3 5 1 1272	1	512.262	1533.764	3	54.16	1.60E-05	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3149.3149.3.dta
SXPFKXSPLXFGR 6 9 4 0 1389	1	761.8586	1521.703	2	32.78	0.0019	SSPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2666.2666.2.dta
SXPFKXSPLXFGR 6 5 6 0 1313	1	751.8743	1501.734	2	43.51	6.70E-05	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2890.2890.2.dta
SXPFKXSPLXFGR 5 9 3 0 1187	1	546.9412	1637.802	3	31.07	0.0011	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3171.3171.3.dta
SXPFKXSPLXFGR 8 3 8 0 1857	1	803.8875	1605.76	2	44.54	0.00017	SYPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2672.2672.2.dta
SXPFKXSPLXFGR 2 6 9 0 539	1	797.8693	1593.724	2	28.13	0.0085	SEPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2511.2511.2.dta
SXPFKXSPLXFGR 1 5 2 0 305	1	786.8771	1571.74	2	34.86	0.0024	SDPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3018.3018.2.dta
SXPFKXSPLXFGR 5 2 4 0 1049	1	757.8743	1513.734	2	34.63	0.0021	SLPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2659.2659.2.dta
SXPFKXSPLXFGR 0 5 8 0 117	1	500.2658	1497.776	3	62.46	8.50E-07	SAPFKSSPLVGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2990.2990.3.dta
SXPFKXSPLXFGR 5 2 3 0 1047	1	535.601	1603.781	3	39.56	0.00028	SLPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2943.2943.3.dta
SXPFKXSPLXFGR 7 3 9 1 1480	1	533.5938	1597.759	3	56.47	5.50E-06	STPFKFSPLFVGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2988.2988.3.dta
GPSGVXSAQXLXR 0 8 7 0 175	1	661.8273	1321.64	2	57.17	5.30E-06	SGPSGAVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2115.2115.2.dta
SXPFKXSPLXFGR 8 3 5 0 1671	1	525.6096	1573.807	3	73.46	4.50E-08	SVPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3284.3284.3.dta
SXPFKXSPLXFGR 9 9 9 1 2000	1	559.5973	1675.77	3	58.88	2.30E-06	SYPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2807.2807.3.dta
SXPFKXSPLXFGR 4 1 3 1 828	1	502.9062	1505.697	3	51.96	2.70E-05	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2743.2743.3.dta
SXPFKXSPLXFGR 0 1 0 0 21	1	491.5697	1471.687	3	59.15	6.30E-06	SAPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2443.2443.3.dta
SXPFKXSPLXFGR 3 5 3 0 707	1	811.9109	1621.807	2	39.53	0.00013	SFPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3586.3586.2.dta
GPSGVXSAQXLXR 0 9 7 0 195	1	693.8249	1385.635	2	64.76	1.50E-06	GPSGAVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2079.2079.2.dta
SXPFKXSPLXFGR 4 2 8 0 857	1	590.9135	1499.719	3	51.2	4.90E-05	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2536.2536.3.dta
SXPFKXSPLXFGR 9 0 3 0 1807	1	532.9257	1595.755	3	46.66	2.90E-05	SYPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2917.2917.3.dta
SXPFKXSPLXFGR 0 2 9 0 59	1	789.8719	1577.729	2	44.94	0.00021	SAPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2509.2509.2.dta
SXPFKXSPLXFGR 5 1 6 0 1033	1	510.9171	1529.729	3	42.88	0.00029	SLPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2718.2718.3.dta
SXPFKXSPLXFGR 2 9 2 0 585	1	546.2523	1635.735	3	56.59	6.90E-06	SEPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2711.2711.3.dta
SXPFKXSPLXFGR 9 9 9 0 1999	1	852.8955	1703.777	2	44.61	3.50E-05	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2844.2844.2.dta
SXPFKXSPLXFGR 9 3 0 0 1987	1	563.6011	1687.782	3	47.45	2.70E-05	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3047.3047.3.dta
SXPFKXSPLXFGR 8 1 2 0 1625	1	779.8694	1557.724	2	39.69	0.00084	SVPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2556.2556.2.dta
SXPFKXSPLXFGR 9 9 3 1 1988	1	554.2657	1659.775	3	55.87	5.80E-06	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3002.3002.3.dta
SXPFKXSPLXFGR 0 2 5 0 51	1	510.2573	1527.75	3	38.83	0.00056	SAPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2637.2637.3.dta
SXPFKXSPLXFGR 9 9 6 0 1993	1	543.589	1627.745	3	64.02	1.20E-06	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2787.2787.3.dta
SXPFKXSPLXFGR 2 1 9 0 439	1	811.8669	1621.719	2	29.63	0.0054	SEPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2573.2573.2.dta
SXPFKXSPLXFGR 9 7 2 0 1945	1	804.8773	1607.74	2	41.76	0.00029	SYPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2644.2644.2.dta
SXPFKXSPLXFGR 4 5 3 1 908	1	752.8844	1503.754	2	30.03	0.0021	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3511.3511.2.dta
SXPFKXSPLXFGR 5 9 5 0 1191	1	802.9163	1603.818	2	19.67	0.011	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3386.3386.2.dta
SXPFKXSPLXFGR 0 6 4 1 130	1	468.2309	1401.671	3	52.69	5.00E-05	SAPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2315.2315.3.dta
SXPFKXSPLXFGR 5 5 6 1 1114	1	500.9341	1499.78	3	67.55	4.70E-07	SLPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3096.3096.3.dta
SXPFKXSPLXFGR 3 9 3 0 787	1	558.2695	1671.787	3	48.65	2.00E-05	SFPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3292.3292.3.dta
SXPFKXSPLXFGR 9 3 1 0 1863	1	547.5891	1639.745	3	24.37	0.00082	SYPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3147.3147.3.dta
SXPFKXSPLXFGR 0 8 0 1 162	1	714.8687	1427.723	2	30.66	0.0034	SAPFKVSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2826.2826.2.dta
SXPFKXSPLXFGR 9 0 9 0 1819	1	538.2574	1611.75	3	55.1	7.40E-06	SYPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2717.2717.3.dta
SXPFKXSPLXFGR 5 9 3 1 1188	1	537.606	1609.796	3	20.87	0.00098	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3630.3630.3.dta
SXPFKXSPLXFGR 6 6 2 1 1326	1	497.5696	1489.687	3	80.55	2.70E-08	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2366.2366.3.dta
SXPFKXSPLXFGR 1 5 5 0 311	1	778.8981	1555.782	2	57.68	6.10E-06	SDPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3346.3346.2.dta
SXPFKXSPLXFGR 7 5 3 1 1508	1	774.8976	1547.781	2	30.12	0.003	STPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3194.3194.2.dta
SXPFKXSPLXFGR 0 2 2 0 45	1	515.5769	1543.709	3	57.29	1.40E-05	SAPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2438.2438.3.dta
SXPFKXSPLXFGR 3 3 4 1 670	1	513.5869	1537.739	3	39.55	0.00011	SFPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3286.3286.3.dta
SXPFKXSPLXFGR 3 8 3 0 767	1	804.9033	1607.792	2	36.16	0.00039	SFPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3403.3403.3.dta
SXPFKXSPLXFGR 0 5 3 1 108	1	506.9306	1517.77	3	67.77	2.80E-07	SAPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3178.3178.3.dta
SXPFKXSPLXFGR 3 0 4 0 609	1	745.8641	1489.714	2	29.91	0.0026	SFPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2835.2835.2.dta
SXPFKXSPLXFGR 5 5 2 0 1105	1	524.2731	1569.797	3	64.36	1.00E-06	SLPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3150.3150.3.dta
SXPFKXSPLXFGR 6 5 6 1 1314	1	492.2501	1473.729	3	59.06	4.80E-06	SSPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2859.2859.3.dta
SXPFKXSPLXFGR 4 5 4 0 909	1	481.5785	1441.714	3	71.84	4.20E-07	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2635.2635.3.dta
SXPFKXSPLXFGR 1 3 1 0 263	1	531.577	1591.709	3	53.06	2.20E-05	SDPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3155.3155.3.dta
SXPFKXSPLXFGR 5 3 5 0 1071	1	530.2817	1587.823	3	22.7	0.0054	SLPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3589.3589.3.dta
SXPFKXSPLXFGR 4 5 4 1 910	1	707.861	1413.708	2	35.8	0.00067	SGPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2829.2829.2.dta
SXPFKXSPLXFGR 9 3 9 1 1880	1	830.8952	1659.776	2	25.69	0.0061	SYPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2996.2996.2.dta
SXPFKXSPLXFGR 6 3 0 1 1262	1	498.24								

SXPFKXSPLXFGFR 0 3 5 0 71	1	516.2661	1545.777	3	48.71	1.30E-05	SAPFKFSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3170.3170.3.dta
SXPFKXSPLXFGFR 5 9 1 0 1183	1	536.261	1605.761	3	52.09	2.90E-05	SLPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2957.2957.3.dta
SXPFKXSPLXFGFR 1 5 5 1 312	1	510.2659	1527.776	3	60.47	3.90E-06	SDPFKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3287.3287.3.dta
SXPFKXSPLXFGFR 4 3 4 1 870	1	483.5713	1447.692	3	43.12	5.90E-05	SGPFKSPPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2909.2909.3.dta
SXPFKXSPLXFGFR 6 6 2 0 1325	1	506.9051	1517.694	3	30.81	0.0026	SSPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2403.2403.3.dta
SXPFKXSPLXFGFR 4 9 3 0 987	1	528.254	1581.74	3	50.75	8.40E-06	SGPFKXSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2952.2952.3.dta
SXPFKXSPLXFGFR 5 0 8 0 1017	1	500.2661	1497.777	3	55.52	4.20E-06	SLPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2832.2832.3.dta
SXPFKXSPLXFGFR 8 2 5 0 1651	1	778.8983	1555.782	2	32.21	0.0022	SVPFKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2719.2719.2.dta
SXPFKXSPLXFGFR 2 2 7 1 456	1	516.2452	1545.714	3	25.82	0.0026	SEPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2339.2339.3.dta
SXPFKXSPLXFGFR 4 3 3 1 868	1	769.8768	1537.739	2	26.38	0.0023	SGPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3220.3220.2.dta
SXPFKXSPLXFGFR 7 6 6 1 1534	1	488.2381	1461.693	3	41.22	0.00048	STPFKSPSLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2356.2356.3.dta
SXPFKXSPLXFGFR 4 0 5 0 811	1	486.2505	1455.73	3	49.92	3.50E-05	SGPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2708.2708.3.dta
SXPFKXSPLXFGFR 2 9 6 0 593	1	532.249	1593.725	3	36.94	0.0011	SEPFKXSPSLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2700.2700.3.dta
SXPFKXSPLXFGFR 3 3 7 1 676	1	528.2625	1581.766	3	28.36	0.0018	SFPFKSPSLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3291.3291.3.dta
SXPFKXSPLXFGFR 2 5 3 0 507	1	535.6014	1603.782	3	52.74	1.30E-05	SEPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3250.3250.3.dta
SXPFKXSPLXFGFR 6 6 0 0 1321	1	487.57	1459.688	3	32.21	0.0024	SSPFKSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2210.2210.3.dta
SXPFKXSPLXFGFR 5 5 5 1 1112	1	763.9238	1525.833	2	26.31	0.0023	SLPFKXSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3418.3418.2.dta
SXPFKXSPLXFGFR 7 3 3 1 1468	1	791.8901	1581.766	2	21.16	0.0092	STPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3223.3223.2.dta
SXPFKXSPLXFGFR 0 6 0 0 121	1	482.2384	1443.693	3	32.79	0.0022	SAPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2188.2188.3.dta
SXPFKXSPLXFGFR 3 3 8 1 678	1	790.9005	1579.786	2	22.37	0.0064	SFPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3404.3404.2.dta
SXPFKXSPLXFGFR 3 3 9 1 680	1	822.8979	1643.781	2	24.95	0.0077	SFPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3370.3370.2.dta
SXPFKXSPLXFGFR 9 2 9 1 1860	1	821.8824	1641.75	2	22.05	0.0062	SYPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2618.2618.2.dta
SXPFKXSPLXFGFR 6 5 1 1 1304	1	501.5819	1501.724	3	43.8	0.00016	SSPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2932.2932.3.dta
SXPFKXSPLXFGFR 5 2 5 0 1051	1	524.2733	1569.798	3	74.75	9.40E-08	SLPFKXSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2862.2862.3.dta
SXPFKXSPLXFGFR 4 9 3 1 988	1	518.9187	1553.734	3	63.13	1.80E-06	SGPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2910.2910.3.dta
SXPFKXSPLXFGFR 2 0 0 0 401	1	743.8593	1485.704	2	35.71	0.0014	SEPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2506.2506.2.dta
SXPFKXSPLXFGFR 2 9 5 0 591	1	540.933	1619.777	3	30.39	0.0027	SEPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2900.2900.3.dta
SXPFKXSPLXFGFR 2 9 2 1 586	1	536.9172	1607.73	3	40.01	0.00012	SEPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2677.2677.3.dta
SXPFKXSPLXFGFR 5 9 9 0 1199	1	552.2733	1653.798	3	70.61	8.70E-08	SLPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2950.2950.3.dta
SXPFKXSPLXFGFR 3 5 0 1 702	1	759.8926	1517.771	2	33.41	0.00062	SFPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3195.3195.2.dta
SXPFKXSPLXFGFR 2 2 8 0 457	1	786.8777	1571.741	2	35.72	0.002	SEPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2544.2544.2.dta
SXPFKXSPLXFGFR 6 1 1 1 1224	1	502.2296	1503.667	3	55.12	8.20E-06	SSPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2525.2525.3.dta
SXPFKXSPLXFGFR 6 3 3 1 1268	1	784.8823	1567.75	2	25.76	0.007	SFPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3228.3228.2.dta
SXPFKXSPLXFGFR 7 5 0 0 1501	1	750.8853	1499.756	2	31.38	0.0013	STPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2882.2882.2.dta
SXPFKXSPLXFGFR 9 2 3 1 1848	1	813.8851	1625.756	2	27.02	0.003	SYPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2814.2814.2.dta
GPSGXVSAQXLR 9 2 6 0 1853	1	715.8203	1429.626	2	43.22	0.00029	GPSGVVSAQXLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2023.2023.2.dta
SXPFKXSPLXFGFR 1 1 5 0 231	1	520.249	1557.725	3	40.59	0.00068	SDPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2815.2815.3.dta
SXPFKXSPLXFGFR 5 6 0 1 1122	1	486.9187	1457.734	3	44.94	0.00014	SLPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2603.2603.3.dta
SXPFKXSPLXFGFR 4 2 3 0 459	1	546.2526	1635.736	3	27.23	6.00E-05	SEPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2551.2551.3.dta
SXPFKXSPLXFGFR 4 3 5 1 872	1	752.8848	1503.755	2	34.42	0.00065	SGPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3131.3131.2.dta
SXPFKXSPLXFGFR 4 2 9 0 859	1	522.2455	1563.715	3	48.23	8.70E-05	SGPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2548.2548.3.dta
SXPFKXSPLXFGFR 0 1 8 0 37	1	750.8672	1499.72	2	46.34	0.00015	SAPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2532.2532.2.dta
SXPFKXSPLXFGFR 4 4 0 1 882	1	458.2276	1371.661	3	23.9	0.012	SGPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4746.4746.3.dta
SXPFKXSPLXFGFR 6 6 4 1 1330	1	473.5628	1417.667	3	42.8	0.00028	SSPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2170.2170.3.dta
SXPFKXSPLXFGFR 2 2 2 0 445	1	801.8649	1601.715	2	39.21	0.00032	SEPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2484.2484.2.dta
SXPFKXSPLXFGFR 4 5 9 1 920	1	507.5906	1519.75	3	54.96	1.40E-05	SGPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2925.2925.3.dta
SXPFKXSPLXFGFR 7 2 9 1 1460	1	790.8748	1579.735	2	23.37	0.0062	STPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2483.2483.2.dta
SXPFKXSPLXFGFR 0 6 9 1 140	1	754.8641	1507.714	2	27.75	0.014	SAPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2418.2418.2.dta
SXPFKXSPLXFGFR 3 3 4 0 669	1	522.9225	1565.746	3	66.31	2.30E-05	SFPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3316.3316.3.dta
SXPFKXSPLXFGFR 7 6 2 1 1526	1	502.2418	1503.704	3	42.11	1.20E-06	STPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2359.2359.3.dta
SXPFKXSPLXFGFR 1 5 1 0 303	1	779.87	1557.725	2	45.71	0.00021	SDPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3068.3068.2.dta
SXPFKXSPLXFGFR 6 9 4 1 1390	1	747.8563	1493.698	2	29.94	0.0086	SSPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2626.2626.2.dta
SXPFKXSPLXFGFR 4 0 4 1 810	1	458.2276	1371.661	3	28.39	0.0041	SGPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4879.4879.3.dta
SXPFKXSPLXFGFR 9 1 5 0 1831	1	803.8882	1605.762	2	35.82	0.0012	SYPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2812.2812.2.dta
SXPFKXSPLXFGFR 8 8 0 0 1761	1	742.8879	1483.761	2	24.6	0.0052	SVPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2802.2802.2.dta
SXPFKXSPLXFGFR 4 0 9 1 820	1	493.575	1477.703	3	57.27	1.20E-05	SGPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2533.2533.3.dta
SXPFKXSPLXFGFR 6 0 8 0 1217	1	491.5823	1471.725	3	32.86	0.0018	SSPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2587.2587.3.dta
SXPFKXSPLXFGFR 5 7 8 0 1157	1	764.9011	1527.788	2	35.98	0.00039	SLPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2831.2831.2.dta
SXPFKXSPLXFGFR 5 0 4 0 1009	1	728.8723	1455.73	2	37.21	0.00066	SLPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2722.2722.2.dta
SXPFKXSPLXFGFR 2 5 1 0 503	1	524.921	1571.741	3	27.56	0.013	SEPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2980.2980.3.dta
SXPFKXSPLXFGFR 0 1 9 0 39	1	782.8647	1563.715	2	35.17	0.0018	SAPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2547.2547.2.dta
SXPFKXSPLXFGFR 4 0 9 0 819	1	502.9104	1505.709	3	49.48	3.40E-05	SGPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2572.2572.3.dta
SXPFKXSPLXFGFR 5 2 9 0 1059	1	540.9332	1619.778	3	50.59	2.60E-05	SLPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2750.2750.3.dta
SXPFKXSPLXFGFR 8 8 3 0 1767	1	520.9382	1559.793	3	42.51	5.60E-05	SVPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3111.3111.3.dta
GPSGXVSAQXLR 1 1 7 0 235	1	691.8022	1381.59	2	25.04	0.014	GPSGDVSAQXLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1896.1896.2.dta
SXPFKXSPLXFGFR 0 8 8 0 177	1	495.5944	1483.761	3	64.89	4.90E-07	SAPFKXSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2803.2803.3.dta
SXPFKXSPLXFGFR 9 8 3 1 1968	1	532.9345	1595.782	3	61.81	9.90E-07	SYPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3090.3090.3.dta
SXPFKXSPLXFGFR 3 0 4 1 610	1	488.2434	1461.708	3	72.91	6.90E-08	SFPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2798.2798.3.dta
SXPFKXSPLXFGFR 3 3 3 1 668	1	543.6029	1627.787	3	48.81	2.00E-05	SFPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3571.3571.3.dta
SXPFKXSPLXFGFR 6 5 2 0 1305	1	515.5894	1543.746	3	67.91	9.20E-07	SSPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2901.2901.3.dta
SXPFKXSPLXFGFR 9 0 9 1 1820	1	528.9224	1583.745	3	59.56	4.80E-06	SVPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2676.2676.3.dta
SXPFKXSPLXFGFR 6 0 1 1 1204	1	487.5665	1459.678	3	71.78	4.00E-07	SSPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2541.2541.3.dta
SXPFKXSPLXFGFR 6 3 1 0 1263	1	522.2457	1563.715	3	37.04	0.0011	SSPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3053.3053.3.dta
SXPFKXSPLXFGFR 4 5 5 0 911	1	500.2664	1497.777	3	58.92	1.90E-06	SGPFKXSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3142.3142.3.dta
SXPFKXSPLXFGFR 4 3 0 0 861	1	497.5788	1489.715	3	59.26	3.20E-06	SGPFKXSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2956.2956.3.dta
SXPFKXSPLXFGFR 5 8 1 0 1163	1	771.8909	1541.767	2	55.42	1.50E-05	SLPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3034.3034.2.dta
SXPFKXSPLXFGFR 0 0 0 0 11	1	476.9069	1427.699	3	82.41	3.70E-08	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_

SXPFKXSPLXFGFR[9 2 1 1986	1	821.883	1641.751	2	19.13	0.015	SYPFKYSPLFEGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2763.2763.2.dta
SXPFKXSPLXFGFR[2 7 8 0 557	1	772.8807	1543.747	2	25.69	0.015	SEPFKTSPLVFGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2589.2589.2.dta
SXPFKXSPLXFGFR[4 6 9 1 940	1	747.8566	1493.699	2	28.92	0.011	SGPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2450.2450.2.dta
SXPFKXSPLXFGFR[1 3 3 0 267	1	812.8833	1623.752	2	33.37	0.00048	SDPFKSPFLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3402.3402.2.dta
SXPFKXSPLXFGFR[2 8 5 0 571	1	519.6017	1555.783	3	35.13	0.0011	SEPFKYSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2979.2979.3.dta
GPSGXVSAQLXR[1 0 0 7 16	1	633.8094	1265.604	2	36.77	0.00028	GPSGAVSAAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1931.1931.2.dta
SXPFKXSPLXFGFR[5 0 3 0 1007	1	773.8962	1545.778	2	31.16	0.00077	SLPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3028.3028.2.dta
SXPFKXSPLXFGFR[0 6 7 1 136	1	482.9068	1445.699	3	44.98	0.00016	SAPFKSSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2163.2163.3.dta
SXPFKXSPLXFGFR[5 9 2 0 1185	1	810.8965	1619.778	2	34.26	0.0013	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2899.2899.2.dta
SXPFKXSPLXFGFR[4 1 0 1 822	1	477.5631	1429.667	3	34.92	0.0018	SGPFKDSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4546.4546.3.dta
SXPFKXSPLXFGFR[1 4 4 1 290	1	472.8912	1415.652	3	41.58	0.00041	SDPFKSGPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2517.2517.3.dta
SXPFKXSPLXFGFR[6 1 0 1 1222	1	487.5666	1459.678	3	28.12	0.0093	SSPFKDSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4910.4910.3.dta
GPSGXVSAQLXR[6 8 7 1 1376	1	655.8227	1309.631	2	54.48	2.30E-05	GPSGSVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2060.2060.2.dta
SXPFKXSPLXFGFR[4 8 5 0 971	1	495.5947	1483.762	3	63.08	7.40E-07	SGPFKYSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2949.2949.3.dta
SXPFKXSPLXFGFR[8 8 5 0 1771	1	763.9119	1525.809	2	37.25	0.00019	SVPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3043.3043.2.dta
SXPFKXSPLXFGFR[3 0 9 1 620	1	784.8828	1567.751	2	25	0.0084	SFPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2883.2883.2.dta
SXPFKXSPLXFGFR[0 0 9 0 19	1	507.5826	1519.726	3	30.21	0.0026	SAPFKASPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2564.2564.3.dta
SXPFKXSPLXFGFR[0 4 3 1 88	1	488.2436	1461.709	3	56.22	3.20E-06	SAPFKGSLPFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2647.2647.3.dta
SXPFKXSPLXFGFR[6 5 9 1 1320	1	517.5945	1549.762	3	66.73	7.30E-07	SSPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2931.2931.3.dta
SXPFKXSPLXFGFR[5 3 3 1 1068	1	532.275	1593.803	3	38.88	0.00013	SLPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3475.3475.3.dta
SXPFKXSPLXFGFR[3 5 3 1 708	1	532.275	1593.803	3	21.35	0.0073	SFPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3622.3622.3.dta
SXPFKXSPLXFGFR[4 1 7 1 836	1	487.5667	1459.678	3	32.1	0.0037	SGPFKDSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.5059.5059.3.dta
SXPFKXSPLXFGFR[6 0 4 1 1210	1	468.2315	1401.673	3	29.36	0.0074	SSPFKASPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2147.2147.3.dta
SXPFKXSPLXFGFR[5 0 9 0 1019	1	521.5983	1561.773	3	46.12	6.60E-05	SLPFKASPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2819.2819.3.dta
SXPFKXSPLXFGFR[1 5 0 1 302	1	496.2507	1485.73	3	34.89	0.002	SDPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2981.2981.3.dta
SXPFKXSPLXFGFR[3 5 8 1 718	1	773.9089	1545.803	2	23.28	0.0085	SFPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3354.3354.2.dta
SXPFKXSPLXFGFR[7 2 0 1 1442	1	744.8621	1487.71	2	26.29	0.0092	STPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2388.2388.2.dta
SXPFKXSPLXFGFR[6 3 6 1 1274	1	754.8647	1507.715	2	29.02	0.0093	SSPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2938.2938.2.dta
SXPFKXSPLXFGFR[4 5 0 0 901	1	486.251	1455.731	3	64.82	1.10E-06	SGPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2872.2872.3.dta
SXPFKXSPLXFGFR[0 5 9 1 120	1	767.8908	1533.767	2	30.85	0.003	SAPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2922.2922.2.dta
SXPFKXSPLXFGFR[0 0 9 1 20	1	498.2473	1491.72	3	55.54	1.60E-05	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2524.2524.3.dta
SXPFKXSPLXFGFR[3 3 5 1 672	1	532.2751	1593.804	3	37.23	0.00019	SFPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3765.3765.3.dta
SXPFKXSPLXFGFR[5 5 5 0 1111	1	518.9543	1553.841	3	56.43	3.10E-06	SLPFKLSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3458.3458.3.dta
SXPFKXSPLXFGFR[3 5 5 0 711	1	794.92	1587.825	2	39.47	0.00011	SFPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3522.3522.2.dta
SXPFKXSPLXFGFR[6 8 1 1 1364	1	744.8622	1487.71	2	26.61	0.01	SSPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2762.2762.2.dta
SXPFKXSPLXFGFR[1 5 3 1 308	1	521.5947	1561.762	3	73.53	2.80E-07	SDPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3355.3355.3.dta
SXPFKXSPLXFGFR[8 3 5 1 1672	1	516.2752	1545.804	3	46.02	4.50E-05	SVPFKFSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3322.3322.3.dta
SXPFKXSPLXFGFR[9 6 9 1 1940	1	534.2545	1599.742	3	73.83	1.40E-07	SYPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2592.2592.3.dta
SXPFKXSPLXFGFR[5 0 0 0 1001	1	735.8809	1469.747	2	40.48	9.40E-05	SLPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2732.2732.2.dta
SXPFKXSPLXFGFR[6 2 5 1 1252	1	506.2545	1515.742	3	32.52	0.0031	SSPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2788.2788.3.dta
SXPFKXSPLXFGFR[4 9 0 1 982	1	493.5756	1477.705	3	29.05	0.008	SGPFKYSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4498.4498.3.dta
SXPFKXSPLXFGFR[7 8 9 1 1580	1	517.5948	1549.763	3	33.94	0.0012	STPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2766.2766.3.dta
SXPFKXSPLXFGFR[0 1 4 1 30	1	715.8416	1429.669	2	31.2	0.0053	SAPFKDSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2370.2370.2.dta
GPSGXVSAQLXR[1 6 9 1 340	1	694.8105	1387.606	2	33.21	0.0031	GPSGDVSSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1911.1911.2.dta
SXPFKXSPLXFGFR[8 3 8 1 1678	1	766.9017	1531.789	2	27.97	0.0029	SVPFKFSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3067.3067.2.dta
SXPFKXSPLXFGFR[0 9 8 0 197	1	516.927	1547.759	3	40.33	0.00029	SAPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2742.2742.3.dta
SXPFKXSPLXFGFR[5 3 9 0 1079	1	819.9105	1637.807	2	51.66	9.20E-06	SLPFKFSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3282.3282.2.dta
SXPFKXSPLXFGFR[1 9 5 1 392	1	526.9269	1577.759	3	41.55	0.00035	SDPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2965.2965.3.dta
SXPFKXSPLXFGFR[9 8 1 1 1964	1	782.8788	1563.743	2	27.91	0.0085	SYPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2871.2871.2.dta
SXPFKXSPLXFGFR[5 0 0 1 1002	1	721.8784	1441.742	2	32.39	0.0011	SLPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2698.2698.2.dta
SXPFKXSPLXFGFR[5 7 9 0 1159	1	398.9538	1591.786	4	28.21	0.0023	SLPFKTSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3464.3464.4.dta
SXPFKXSPLXFGFR[5 8 1 1 1164	1	505.5953	1513.764	3	59.3	6.00E-06	SLPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2994.2994.3.dta
SXPFKXSPLXFGFR[3 9 8 0 797	1	812.903	1623.792	2	32.67	0.00073	SFPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3095.3095.2.dta
SXPFKXSPLXFGFR[6 6 1 0 1323	1	502.2318	1503.674	3	51.98	2.20E-05	SSPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2496.2496.3.dta
SXPFKXSPLXFGFR[9 1 3 0 1827	1	547.5878	1639.742	3	33.89	0.00092	SYPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2904.2904.3.dta
SXPFKXSPLXFGFR[4 7 3 0 947	1	507.5808	1519.721	3	30.8	0.002	SGPFKTSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2741.2741.3.dta
SXPFKXSPLXFGFR[7 9 3 0 1587	1	813.8886	1625.763	2	30.45	0.0019	STPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2973.2973.2.dta
SXPFKXSPLXFGFR[4 0 7 0 815	1	482.2373	1443.69	3	44.57	0.00014	SGPFKASPLTFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2495.2495.3.dta
SXPFKXSPLXFGFR[6 6 4 1 1330	1	473.5623	1417.665	3	38.05	0.00094	SSPFKYSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2383.2383.3.dta
SXPFKXSPLXFGFR[6 5 6 0 1313	1	751.8742	1501.734	2	54.11	5.80E-06	SSPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2919.2919.2.dta
GPSGXVSAQLXR[9 4 7 0 1895	1	686.8169	1371.619	2	46.53	0.00012	GPSGYVSGAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2006.2006.2.dta
SXPFKXSPLXFGFR[3 8 4 0 769	1	759.8793	1517.744	2	29.39	0.0012	SFPFKYSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3047.3047.2.dta
SXPFKXSPLXFGFR[6 5 4 0 1309	1	491.5817	1471.723	3	32.32	0.0018	SSPFKLSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2909.2909.3.dta
SXPFKXSPLXFGFR[9 6 9 0 1939	1	543.5888	1627.745	3	30.27	0.0029	SYPFKSSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2671.2671.3.dta
SXPFKXSPLXFGFR[5 5 6 0 1113	1	764.9004	1527.786	2	28.54	0.0022	SLPFKLSPLSFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3140.3140.2.dta
SXPFKXSPLXFGFR[8 6 0 0 1731	1	757.8926	1513.771	2	32.14	0.00092	SYPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2993.2993.2.dta
SXPFKXSPLXFGFR[4 9 0 0 981	1	502.91	1505.708	3	45.7	8.10E-05	SGPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2700.2700.3.dta
SXPFKXSPLXFGFR[7 6 6 1 1534	1	488.238	1461.692	3	35.13	0.002	STPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2198.2198.3.dta
SXPFKXSPLXFGFR[6 4 4 0 1289	1	708.838	1415.662	2	40.94	0.00042	SSPFKSGPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2427.2427.2.dta
SXPFKXSPLXFGFR[4 2 9 0 859	1	522.2453	1563.714	3	42.28	0.00034	SGPFKESPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2569.2569.3.dta
SXPFKXSPLXFGFR[9 9 6 0 1993	1	543.5891	1627.746	3	33.19	0.0015	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2815.2815.3.dta
SXPFKXSPLXFGFR[2 9 8 0 597	1	536.261	1605.761	3	31.09	0.0037	SEPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2801.2801.3.dta
SXPFKXSPLXFGFR[4 8 3 0 967	1	506.9223	1517.745	3	29.15	0.0012	SGPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3048.3048.3.dta
SXPFKXSPLXFGFR[6 3 4 0 1269	1	502.9102	1505.709	3	55.39	8.70E-06	SSPFKFSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2977.2977.3.dta
SXPFKXSPLXFGFR[6 1 9 0 1239	1	527.577	1579.709	3	46.94	0.00011	SSPFKDSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2574.2574.3.dta
SXPFKXSPLXFGFR[4 5 0 0 901	1	728.8719	1455.729	2	37.51	0.00061	SGPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2911.2911.2.dta
SXPFKXSPLXFGFR[0 1 9 0 39	1	782.8645	1563.715	2	30.95	0.0047	SAPFKDSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2558.2558.2.dta
SXPFKXSPLXFGFR[0 3 5 0 71	1									

SXPFKXSPLXFRG	[3 3 0 0]	661	1	527.5947	1579.762	3	23.53	0.0053	SXPFKXSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3269.3269.3.dta
SXPFKXSPLXFRG	[0 1 5 0]	31	1	757.8755	1513.737	2	34.05	0.0024	SAPFKDSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2676.2676.2.dta
SXPFKXSPLXFRG	[1 7 9 0]	359	1	532.2495	1593.727	3	33.7	0.0024	SDPFKDSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2568.2568.3.dta
SXPFKXSPLXFRG	[9 9 4 0]	1989	1	799.8757	1597.737	2	32.05	0.001	SYPFKYSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2795.2795.2.dta
SXPFKXSPLXFRG	[1 3 0 0]	261	1	516.9143	1547.721	3	35.96	0.00091	SDPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3071.3071.3.dta
SXPFKXSPLXFRG	[4 6 3 0]	927	1	753.8625	1505.71	2	44.64	0.0001	SGPFKKSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2739.2739.2.dta
SXPFKXSPLXFRG	[9 4 3 0]	1887	1	791.8782	1581.742	2	39.69	0.00011	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2862.2862.2.dta
SXPFKXSPLXFRG	[4 9 3 0]	987	1	528.2546	1581.742	3	31.15	0.00077	SGPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2995.2995.3.dta
SXPFKXSPLXFRG	[0 0 8 0]	17	1	728.8729	1455.731	2	29.62	0.0038	SAPFKASPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2599.2599.2.dta
SXPFKXSPLXFRG	[1 7 2 1]	346	1	511.5739	1531.7	3	28.33	0.0057	SDPFKDSPLFEGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2456.2456.3.dta
SXPFKXSPLXFRG	[6 8 8 1]	1378	1	736.8829	1471.751	2	27.1	0.0049	SSPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2822.2822.2.dta
SXPFKXSPLXFRG	[1 9 9 0]	399	1	552.9215	1655.743	3	52.04	1.50E-05	SDPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2852.2852.3.dta
SXPFKXSPLXFRG	[9 9 9 1]	2000	1	559.5983	1675.773	3	33.94	0.00073	SYPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2845.2845.3.dta
SXPFKXSPLXFRG	[4 4 0 0]	881	1	467.5634	1399.669	3	57.1	1.90E-05	SGPFKGSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2451.2451.3.dta
SXPFKXSPLXFRG	[9 8 3 0]	1967	1	812.902	1623.789	2	44.76	4.50E-05	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3139.3139.2.dta
SXPFKXSPLXFRG	[4 5 5 0]	911	1	500.2668	1497.779	3	62.53	8.40E-07	SGPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3163.3163.3.dta
GPSGXVSAQQLXR	[5 8 5 0]	1171	1	688.8704	1375.726	2	45.4	5.60E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3281.3281.2.dta
SXPFKXSPLXFRG	[6 4 9 0]	1299	1	508.2426	1521.706	3	45.27	6.20E-05	SSPFKGSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2532.2532.3.dta
SXPFKXSPLXFRG	[9 3 0 0]	1861	1	532.9266	1595.758	3	40.69	0.00012	SYPFKFSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3079.3079.3.dta
SXPFKXSPLXFRG	[6 9 3 0]	1387	1	538.2583	1611.753	3	58.49	2.50E-06	SSPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3187.3187.3.dta
SXPFKXSPLXFRG	[0 9 0 0]	199	1	538.2583	1611.753	3	50.91	1.50E-05	SAPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2758.2758.3.dta
SXPFKXSPLXFRG	[6 6 1 1]	1324	1	492.8986	1475.674	3	33.49	0.0015	SSPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2462.2462.3.dta
SXPFKXSPLXFRG	[7 6 4 1]	1530	1	478.2353	1431.684	3	57.41	9.50E-06	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2373.2373.2.dta
SXPFKXSPLXFRG	[0 4 4 1]	90	1	686.8386	1371.663	2	27.12	0.0055	SAPFKGSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2365.2365.2.dta
SXPFKXSPLXFRG	[1 9 3 0]	387	1	547.59	1639.748	3	54.22	8.50E-06	SDPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3059.3059.3.dta
SXPFKXSPLXFRG	[0 9 6 1]	194	1	503.5792	1507.716	3	46.63	0.00016	SAPFKYSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2655.2655.3.dta
SXPFKXSPLXFRG	[9 4 9 0]	1899	1	533.5865	1597.738	3	49.02	1.70E-05	SYPFKGSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2660.2660.3.dta
SXPFKXSPLXFRG	[6 3 5 0]	1271	1	521.5986	1561.774	3	59.38	3.60E-06	SSPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3187.3187.3.dta
SXPFKXSPLXFRG	[4 9 4 0]	989	1	498.2392	1491.696	3	40.52	0.0002	SGPFKYSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2684.2684.3.dta
SXPFKXSPLXFRG	[6 3 9 1]	1280	1	528.923	1583.747	3	34.25	0.0014	SSPFKFSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3020.3020.3.dta
SXPFKXSPLXFRG	[9 7 3 0]	1987	1	844.8998	1687.785	2	57.07	2.00E-06	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3062.3062.2.dta
SXPFKXSPLXFRG	[9 0 3 0]	1807	1	532.9269	1595.759	3	43.01	7.30E-05	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2944.2944.3.dta
SXPFKXSPLXFRG	[5 3 9 0]	1079	1	546.9426	1637.806	3	28.87	0.0018	SLPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3158.3158.3.dta
SXPFKXSPLXFRG	[0 4 3 0]	87	1	497.5796	1489.717	3	52.7	2.10E-05	SAPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2727.2727.3.dta
SXPFKXSPLXFRG	[4 3 4 0]	869	1	492.9077	1475.701	3	59.06	5.00E-06	SGPFKFSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2971.2971.3.dta
SXPFKXSPLXFRG	[3 3 3 0]	667	1	552.9391	1655.796	3	25.88	0.0026	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3499.3499.3.dta
SXPFKXSPLXFRG	[4 5 3 1]	908	1	752.8861	1503.758	2	36.65	0.00039	SGPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3177.3177.2.dta
SXPFKXSPLXFRG	[9 5 3 0]	1907	1	546.9427	1637.806	3	54.33	5.00E-06	SYPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3291.3291.3.dta
SXPFKXSPLXFRG	[4 0 5 0]	811	1	728.8735	1455.732	2	31.68	0.0023	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2750.2750.2.dta
SXPFKXSPLXFRG	[0 6 0 1]	122	1	472.9039	1415.69	3	51.91	3.90E-05	SAPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2376.2376.3.dta
SXPFKXSPLXFRG	[4 4 5 0]	891	1	481.5796	1441.717	3	59.39	7.40E-06	SGPFKGSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2668.2668.3.dta
SXPFKXSPLXFRG	[1 3 5 0]	271	1	530.9305	1589.77	3	34.77	0.00095	SDPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3267.3267.3.dta
SXPFKXSPLXFRG	[4 5 3 0]	907	1	511.5953	1531.764	3	56.11	8.10E-06	SGPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3211.3211.3.dta
SXPFKXSPLXFRG	[4 4 9 0]	899	1	498.2394	1491.696	3	44.68	7.70E-05	SGPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2533.2533.3.dta
SXPFKXSPLXFRG	[9 9 5 0]	1991	1	552.2744	1653.801	3	53.58	4.40E-06	SYPFKYSPLLFRG	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3006.3006.3.dta
SXPFKXSPLXFRG	[6 3 3 0]	1267	1	532.9271	1595.759	3	56.66	3.10E-06	SSPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3244.3244.3.dta
SXPFKXSPLXFRG	[4 4 4 0]	889	1	462.8921	1385.654	3	45.56	0.00022	SGPFKASPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2421.2421.3.dta
SXPFKXSPLXFRG	[2 6 4 1]	1530	1	487.5673	1459.68	3	48.84	0.00011	SEPFKKSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2372.2372.3.dta
SXPFKXSPLXFRG	[4 3 3 0]	867	1	522.9236	1565.749	3	49.7	1.10E-05	SGPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3235.3235.3.dta
SXPFKXSPLXFRG	[3 0 3 0]	607	1	527.5955	1579.765	3	38.32	0.00022	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3136.3136.3.dta
SXPFKXSPLXFRG	[5 5 3 0]	1107	1	530.2831	1587.827	3	28.18	0.0015	SLPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3419.3419.3.dta
SXPFKXSPLXFRG	[4 6 0 1]	922	1	468.2321	1401.675	3	66.31	2.00E-06	SGPFKSSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2400.2400.3.dta
SXPFKXSPLXFRG	[2 1 0 0]	421	1	510.9064	1529.697	3	32.87	0.0047	SEPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2478.2478.3.dta
SXPFKXSPLXFRG	[2 5 5 0]	511	1	785.9081	1569.802	2	28.57	0.0051	SEPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3173.3173.2.dta
GPSGXVSAQQLXR	[5 0 5 0]	1011	1	674.8558	1347.697	2	59.29	2.10E-06	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2988.2988.2.dta
GPSGXVSAQQLXR	[5 9 8 0]	1197	1	713.86	1425.706	2	54.02	8.30E-06	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2932.2932.2.dta
GPSGXVSAQQLXR	[1 6 0 0]	321	1	662.7982	1323.582	2	53.72	1.70E-05	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2005.2005.2.dta
SXPFKXSPLXFRG	[4 0 5 1]	812	1	476.9153	1427.724	3	47.67	4.10E-05	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2712.2712.3.dta
GPSGXVSAQQLXR	[3 6 5 0]	731	1	699.8406	1397.667	2	48.09	8.40E-05	GPSGFVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2805.2805.2.dta
GPSGXVSAQQLXR	[6 5 5 0]	1311	1	682.851	1363.688	2	46.16	9.20E-05	GPSGSVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3067.3067.2.dta
GPSGXVSAQQLXR	[5 9 5 0]	1191	1	720.8674	1439.72	2	41.52	0.00015	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3154.3154.2.dta
SXPFKXSPLXFRG	[4 4 3 0]	887	1	492.9081	1475.703	3	40.97	0.00032	SGPFKGSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2763.2763.3.dta
SXPFKXSPLXFRG	[4 4 3 0]	869	1	738.8564	1475.698	2	39.72	0.00035	SGPFKFSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2963.2963.3.dta
SXPFKXSPLXFRG	[4 4 6 0]	893	1	472.8948	1415.663	3	41.69	0.00036	SGPFKGSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2305.2305.3.dta
SXPFKXSPLXFRG	[4 0 0 0]	801	1	472.2352	1413.684	3	41.59	0.0005	SGPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2534.2534.3.dta
SXPFKXSPLXFRG	[7 5 9 0]	1519	1	796.8945	1591.775	2	18.9	0.037	STPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2965.2965.2.dta
GPSGXVSAQQLXR	[5 6 5 0]	1131	1	682.848	1363.681	2	41.41	0.00043	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2751.2751.2.dta
GPSGXVSAQQLXR	[1 4 1 0]	283	1	669.7858	1337.557	2	32.81	0.00052	GPSGDVSGAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1955.1955.2.dta
GPSGXVSAQQLXR	[6 4 1 0]	1283	1	655.7884	1309.562	2	35.07	0.0014	GPSGSVSAQQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1940.1940.2.dta
SXPFKXSPLXFRG	[1 6 2 0]	325	1	773.8483	1545.682	2	30.14	0.0034	SDPFKKSPLFEGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2513.2513.2.dta
GPSGXVSAQQLXR	[6 9 5 0]	1391	1	707.838	1413.661	2	26.41	0.0099	GPSGSVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2684.2684.2.dta
SXPFKXSPLXFRG	[4 6 3 0]	927	1	753.8589	1505.703	2	17.34	0.0	SGPFKKSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2739.2739.2.dta
GPSGXVSAQQLXR	[2 0 7 0]	415	1	676.8124	1351.61	2	41.28	0.00018	GPSGSVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2069.2069.2.dta
SXPFKXSPLXFRG	[0 6 5 0]	131	1	743.8748	1485.735	2	20.68	0.04	SAPFKKSPLLFGR			

SXPFKXSPLXFRG	[8 0 0 0]	1601	1	728.8715	1455.729	2	26.95	0.007	SVPFKASPLAFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2587.2587.2.dta
SXPFKXSPLXFRG	[9 0 1 0]	1803	1	782.864	1563.713	2	21.65	0.04	SYPFKASPLDFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2691.2691.2.dta
GPSGVXSQAQLXR	[5 6 1 1]	1124	1	669.8192	1337.624	2	29.99	0.0039	GPSGLVSSAQLDK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2284.2284.2.dta
SXPFKXSPLXFRG	[4 9 4 1]	1990	2	732.8503	1463.686	2	32.02	0.0052	SGPFKYSPLFGFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2637.2637.2.dta
GPSGVXSQAQLXR	[0 4 6 1]	194	2	619.793	1237.571	2	44.62	0.00012	GPSGAVSQAQLSK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1929.1929.2.dta
GPSGVXSQAQLXR	[6 1 8 1]	1238	1	662.8114	1323.608	2	26.68	0.0064	GPSGSVSDAQLVK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2089.2089.2.dta
SXPFKXSPLXFRG	[4 4 4 0]	889	2	693.8325	1385.651	2	26.1	0.015	SGPFKGSPLDFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2413.2413.2.dta
GPSGVXSQAQLXR	[6 6 4 1]	1330	1	627.7905	1253.566	2	28.49	0.0079	GPSGSVSSAQLGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1930.1930.2.dta
GPSGVXSQAQLXR	[0 0 4 0]	19	2	625.7986	1249.583	2	62.29	2.90E-06	GPSGAVSAAQLGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2063.2063.2.dta
GPSGVXSQAQLXR	[8 8 8 1]	1778	2	660.8504	1319.686	2	43.77	0.00014	GPSGVVSAQLVK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2776.2776.2.dta
GPSGVXSQAQLXR	[9 5 3 0]	1907	1	737.8588	1473.703	2	25.42	0.01	GPSGVVSAQLFR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3366.3366.2.dta
GPSGVXSQAQLXR	[5 0 5 0]	1011	2	674.8535	1347.693	2	72.27	5.90E-08	GPSGLVSSAQLLR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2969.2969.2.dta
GPSGVXSQAQLXR	[6 7 1 1]	1344	2	663.8011	1325.588	2	30.69	0.0028	GPSGSVSTAQLDK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1960.1960.2.dta
SXPFKXSPLXFRG	[4 0 9 1]	1820	2	739.8583	1477.702	2	22.55	0.039	SGPFKASPLYFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2556.2556.2.dta
GPSGVXSQAQLXR	[1 4 0 1]	1282	1	633.7906	1265.567	2	35.05	0.0014	GPSGDVSSAQLAK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1944.1944.2.dta
SXPFKXSPLXFRG	[6 4 8 1]	1298	2	715.8583	1429.702	2	31.17	0.0049	SPPFKGSPLVFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2675.2675.2.dta
SXPFKXSPLXFRG	[4 0 3 0]	807	3	497.5784	1489.714	3	26.73	0.0054	SGPFKASPLFFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2813.2813.3.dta
SXPFKXSPLXFRG	[9 9 1 0]	1983	2	828.8774	1655.74	2	24.44	0.0088	SYPFKASPLDFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2835.2835.2.dta
SXPFKXSPLXFRG	[4 5 0 0]	901	1	486.2503	1455.729	3	34.89	0.0011	SGPFKASPLAFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2877.2877.3.dta
SXPFKXSPLXFRG	[0 5 4 0]	109	2	728.8718	1455.729	2	29.31	0.004	SAPFKLSPLGFR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2874.2874.2.dta
GPSGVXSQAQLXR	[6 6 0 1]	1322	2	634.7985	1267.582	2	50.89	5.80E-05	GPSGSVSSAQLAK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1937.1937.2.dta
SXPFKXSPLXFRG	[4 0 9 0]	819	2	753.8615	1505.709	2	20.75	0.025	SGPFKASPLYFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2595.2595.2.dta
SXPFKXSPLXFRG	[4 4 7 1]	1896	2	701.8428	1401.671	2	33.5	0.0028	SGPFKGSPLTFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2388.2388.2.dta
GPSGVXSQAQLXR	[5 0 0 0]	1001	1	653.8301	1305.646	2	16.15	0.024	GPSGLVSSAQLAR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2517.2517.2.dta
GPSGVXSQAQLXR	[0 4 1 0]	183	2	647.7938	1293.573	2	44.39	0.00044	GPSGAVSQAQLDR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1975.1975.2.dta
SXPFKXSPLXFRG	[0 3 5 0]	71	3	516.2661	1545.776	3	18.82	0.013	SAPFKSPLLFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3153.3153.3.dta
GPSGVXSQAQLXR	[8 8 3 1]	1768	1	684.8506	1367.687	2	23.17	0.019	GPSGVVSAQLFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3159.3159.2.dta
GPSGVXSQAQLXR	[0 5 3 1]	1108	2	677.8428	1353.671	2	30.68	0.0032	GPSGAVSQAQLFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3203.3203.2.dta
SXPFKXSPLXFRG	[0 5 4 1]	110	2	714.8688	1427.723	2	34.39	0.00087	SAPFKLSPLFGFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2842.2842.2.dta
SXPFKXSPLXFRG	[4 5 3 1]	1908	3	502.2588	1503.755	3	30.14	0.002	SGPFKLSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3160.3160.3.dta
GPSGVXSQAQLXR	[3 3 8 1]	1678	2	708.8506	1415.687	2	25.08	0.019	GPSGVSFAQLVK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3235.3235.2.dta
SXPFKXSPLXFRG	[0 3 3 1]	168	2	776.8846	1551.755	2	19.82	0.011	SAPFKFSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3184.3184.2.dta
SXPFKXSPLXFRG	[6 9 4 1]	1390	2	747.856	1493.698	2	25.02	0.028	SPPFKYSPLFGFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2640.2640.2.dta
GPSGVXSQAQLXR	[6 1 6 1]	1234	1	656.7935	1311.573	2	36.55	0.00052	GPSGSVSDAQLSK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1922.1922.2.dta
GPSGVXSQAQLXR	[0 8 3 0]	1167	2	684.8381	1367.662	2	40.12	0.00041	GPSGAVSQAQLFR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2866.2866.2.dta
GPSGVXSQAQLXR	[0 2 1 0]	43	2	683.8044	1365.594	2	26.73	0.019	GPSGAVSQAQLDR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2036.2036.2.dta
SXPFKXSPLXFRG	[0 8 5 0]	171	2	749.8955	1497.777	2	29.19	0.0018	SAPFKVSPLLFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2951.2951.2.dta
SXPFKXSPLXFRG	[4 9 9 1]	1000	1	785.8718	1569.729	2	24.25	0.017	SGPFKYSPLYFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2724.2724.2.dta
SXPFKXSPLXFRG	[0 9 0 1]	182	3	498.2467	1491.718	3	33.4	0.0026	SAPFKYSPLAFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2937.2937.3.dta
GPSGVXSQAQLXR	[1 6 1 1]	1324	2	670.791	1339.568	2	63.01	9.80E-07	GPSGDVSSAQLDK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1941.1941.2.dta
GPSGVXSQAQLXR	[2 3 5 1]	1472	2	706.8456	1411.677	2	32.92	0.0019	GPSGEVSAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3074.3074.2.dta
SXPFKXSPLXFRG	[0 0 5 0]	111	2	735.8799	1469.745	2	23.17	0.0051	SAPFKASPLLFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2720.2720.2.dta
GPSGVXSQAQLXR	[6 8 5 1]	1372	1	661.8403	1321.666	2	35	0.0018	GPSGSVSAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2797.2797.2.dta
SXPFKXSPLXFRG	[4 5 6 1]	1914	3	482.2467	1443.718	3	27.96	0.0069	SGPFKLSPLFGFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2855.2855.3.dta
SXPFKXSPLXFRG	[7 5 8 1]	1518	2	750.8978	1499.781	2	34	0.00096	STPFKLSPLVFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2976.2976.2.dta
SXPFKXSPLXFRG	[5 5 6 1]	1114	1	500.9343	1499.781	3	22.44	0.014	SLPFKLSPLFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3084.3084.3.dta
GPSGVXSQAQLXR	[5 3 5 0]	1071	2	712.8695	1423.725	2	61.69	6.80E-07	GPSGLVSSAQLLR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3464.3464.2.dta
SXPFKXSPLXFRG	[5 9 2 0]	1185	3	540.933	1619.777	3	23.35	0.014	SLPFKYSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2891.2891.3.dta
GPSGVXSQAQLXR	[6 5 5 1]	1312	2	668.8482	1335.682	2	33.76	0.0026	GPSGSVLAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3015.3015.2.dta
GPSGVXSQAQLXR	[8 5 8 1]	1718	2	667.8586	1333.703	2	44.23	0.00015	GPSGVVSAQLVK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3034.3034.2.dta
GPSGVXSQAQLXR	[4 4 1 1]	1884	1	626.783	1251.552	2	54.6	4.40E-05	GPSGGVSGAQLDK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1939.1939.2.dta
SXPFKXSPLXFRG	[9 1 9 0]	1839	3	552.9209	1655.741	3	34.5	0.00087	SYPFKDSPLYFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2831.2831.3.dta
GPSGVXSQAQLXR	[2 5 5 1]	1512	2	689.8535	1377.693	2	54.19	1.80E-05	GPSGEVSAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3071.3071.2.dta
GPSGVXSQAQLXR	[0 4 4 0]	189	2	718.7911	1235.568	2	51.8	0.00011	GPSGAVSQAQLGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1976.1976.2.dta
GPSGVXSQAQLXR	[5 3 2 0]	1065	2	620.8488	1439.683	2	46.2	7.80E-05	GPSGLVSSAQLLR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2962.2962.2.dta
GPSGVXSQAQLXR	[3 5 6 1]	1714	2	685.8404	1369.666	2	30.68	0.0044	GPSGFVSAQLSK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2898.2898.2.dta
GPSGVXSQAQLXR	[2 4 6 1]	1494	2	648.7961	1295.578	2	38.38	0.00063	GPSGEVSGAQLSK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1945.1945.2.dta
GPSGVXSQAQLXR	[5 8 8 0]	1177	2	681.8617	1361.709	2	64.43	0.0067	GPSGLVSSAQLVR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2991.2991.2.dta
GPSGVXSQAQLXR	[3 9 3 1]	1788	2	740.8483	1479.682	2	23.71	0.042	GPSGFVSAQLFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3234.3234.2.dta
SXPFKXSPLXFRG	[2 6 1 1]	1524	2	759.8486	1517.683	2	18.47	0.03	SEPFKSSPLDFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2436.2436.2.dta
SXPFKXSPLXFRG	[5 9 6 0]	1193	2	789.8906	1577.767	2	24.59	0.0094	SLPFKYSPLDFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2892.2892.2.dta
SXPFKXSPLXFRG	[9 7 9 0]	1959	3	548.2612	1641.762	3	23.72	0.0083	SYPFKYSPLYFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2755.2755.3.dta
GPSGVXSQAQLXR	[3 3 5 1]	1672	2	715.8587	1429.703	2	36.46	0.00084	GPSGFVSAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3449.3449.2.dta
SXPFKXSPLXFRG	[6 5 0 0]	1301	3	496.2541	1485.74	3	23.06	0.016	SSPFKLSPLAFGR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2738.2738.3.dta
GPSGVXSQAQLXR	[6 4 4 1]	1290	2	612.7856	1223.557	2	23.99	0.0098	GPSGSVSGAQLGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1933.1933.2.dta
SXPFKXSPLXFRG	[4 5 5 1]	1912	3	490.9308	1469.771	3	28.05	0.0049	SGPFKLSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3103.3103.3.dta
GPSGVXSQAQLXR	[0 8 3 1]	1168	2	670.8352	1339.656	2	32.03	0.0034	GPSGAVSQAQLFK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2979.2979.2.dta
GPSGVXSQAQLXR	[4 4 0 1]	1882	2	640.7881	1207.562	2	34.82	0.00033	GPSGGVSGAQLAK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.1952.1952.2.dta
SXPFKXSPLXFRG	[7 8 2 1]	1566	2	758.8772	1515.74	2	25.82	0.011	STPFKYSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.2633.2633.2.dta
SXPFKXSPLXFRG	[0 4 7 1]	196	2	708.851	1415.687	2	23.22	0.029	SAPFKGSPLTFGK	Phospho (ST)	0.00000000100000	JC_Synth_SCX_9.2357.2357.2.dta
GPSGVXSQAQLXR	[8 5 5 1]	1712	2	674.8665	1347.719	2	38.21	0.00045	GPSGLVSSAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3292.3292.2.dta
SXPFKXSPLXFRG	[5 5 5 1]	1112	2	763.924	1525.834	2	15.02	0.031	SLPFKLSPLFFGK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3328.3328.2.dta
GPSGVXSQAQLXR	[0 5 5 1]	1112	1	660.8509	1319.687	2	52.58	1.80E-05	GPSGAVSQAQLLK	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3091.3091.2.dta
GPSGVXSQAQLXR	[3 5 9 0]	719	2	737.8594	1473.704	2	39.77	0.00038	GPSGFVSAQLYR	Phospho (ST)	0.00000010000000	JC_Synth_SCX_9.3149.3149.2.dta
GPSGVXSQAQLXR	[3 3 5 0]	1671	2	729.8619	1457.709	2	32.44	0.0015	GPSGFVSAQLLR	Phospho (ST)	0.00	

SXPFKXSPLXFGR 4 5 2 0 905	1	505.586	1513.736	3	31.66	0.0042	SGPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2888.2888.3.dta
SXPFKXSPLXFGR 5 1 5 0 1031	1	778.8989	1555.783	2	18.59	0.05	SLPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2970.2970.2.dta
GPSGXVSAQXLXR 4 5 5 1 1912	1	653.8433	1305.672	2	37.06	0.00086	GPSGGVSLAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3053.3053.2.dta
SXPFKXSPLXFGR 9 9 2 1 1986	1	821.883	1641.751	2	20.6	0.01	SYPFKYSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2763.2763.2.dta
GPSGXVSAQXLXR 8 8 3 0 1767	1	698.8543	1395.694	2	42.44	5.70E-05	GPSGVSVQAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3193.3193.2.dta
GPSGXVSAQXLXR 5 4 5 0 1091	1	667.8464	1333.678	2	51.99	1.20E-05	GPSGLVGAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2733.2733.2.dta
SXPFKXSPLXFGR 6 8 8 1 1378	1	491.5909	1471.751	3	34.28	0.00093	SSPFKYSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2800.2800.3.dta
GPSGXVSAQXLXR 5 5 8 0 1117	1	688.8699	1375.725	2	59.95	2.00E-06	GPSGLVSLAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3252.3252.2.dta
SXPFKXSPLXFGR 4 5 4 0 909	1	481.5789	1441.715	3	50.16	6.20E-05	SGPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2875.2875.3.dta
GPSGXVSAQXLXR 5 8 3 1 1168	1	691.8591	1381.704	2	30.05	0.0036	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3338.3338.2.dta
SXPFKXSPLXFGR 9 8 9 0 1979	1	547.6018	1639.784	3	29.25	0.0012	SYPFKVSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2911.2911.3.dta
GPSGXVSAQXLXR 9 8 5 1 1972	1	699.8566	1397.699	2	40.53	0.00044	GPSGVSVQAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3017.3017.2.dta
SXPFKXSPLXFGR 0 5 6 0 113	1	496.2544	1485.741	3	28.63	0.0045	SAPFKLSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2880.2880.3.dta
GPSGXVSAQXLXR 5 2 5 1 1052	1	689.8541	1377.694	2	22.16	0.029	GPSGLVSEAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2811.2811.2.dta
GPSGXVSAQXLXR 5 9 5 0 1191	1	720.8676	1439.721	2	72.6	1.20E-07	GPSGLVSYAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3135.3135.2.dta
SXPFKXSPLXFGR 9 9 9 1 2000	1	559.5981	1675.773	3	21.5	0.013	SYPFKYSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2826.2826.3.dta
GPSGXVSAQXLXR 5 5 3 1 1108	1	698.8671	1395.72	2	21.78	0.016	GPSGLVSLAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3560.3560.2.dta
SXPFKXSPLXFGR 7 5 0 1 1502	1	736.8828	1471.751	2	17.26	0.047	STPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2863.2863.2.dta
SXPFKXSPLXFGR 0 8 5 1 172	1	735.8932	1469.772	2	20.67	0.027	SAPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2919.2919.2.dta
GPSGXVSAQXLXR 2 1 1 1 424	1	691.7971	1381.58	2	42.99	0.00014	GPSGEVSDAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1961.1961.2.dta
SXPFKXSPLXFGR 0 5 9 0 119	1	521.5984	1561.773	3	37.09	0.00053	SAPFKLSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2961.2961.3.dta
GPSGXVSAQXLXR 0 5 5 0 111	1	674.8546	1347.695	2	62.61	5.50E-07	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3129.3129.2.dta
SXPFKXSPLXFGR 4 3 0 1 862	1	488.2438	1461.71	3	19.76	0.014	SGPFKFSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2781.2781.3.dta
SXPFKXSPLXFGR 4 5 4 1 910	1	472.2437	1413.709	3	49.09	3.10E-05	SGPFKLSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2848.2848.3.dta
GPSGXVSAQXLXR 9 5 5 1 1912	1	706.8647	1411.715	2	35.09	0.0013	GPSGVSVQAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3239.3239.2.dta
GPSGXVSAQXLXR 3 5 8 0 717	1	705.8625	1409.71	2	52.98	6.00E-06	GPSGFVSLAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3263.3263.2.dta
GPSGXVSAQXLXR 3 9 9 0 799	1	762.8497	1523.685	2	25.86	0.011	GPSGFVSYAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2884.2884.2.dta
GPSGXVSAQXLXR 2 6 1 1 524	1	677.7997	1353.585	2	72.54	9.20E-08	GPSGEVSSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1951.1951.2.dta
GPSGXVSAQXLXR 1 5 5 0 311	1	696.8495	1391.685	2	46.88	9.20E-05	GPSGDVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3048.3048.2.dta
SXPFKXSPLXFGR 6 1 9 1 1240	1	776.8599	1551.705	2	22.8	0.016	SSPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2515.2515.2.dta
SXPFKXSPLXFGR 4 3 5 1 872	1	752.8856	1503.757	2	23.65	0.0078	SGPFKFSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3138.3138.2.dta
SXPFKXSPLXFGR 4 5 0 1 902	1	476.9157	1427.725	3	49.48	2.70E-05	SGPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2849.2849.3.dta
GPSGXVSAQXLXR 5 5 5 0 1111	1	695.8782	1389.742	2	31.89	0.0013	GPSGLVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3488.3488.2.dta
GPSGXVSAQXLXR 9 9 5 0 1991	1	745.8576	1489.701	2	50.09	2.90E-05	GPSGVSVYAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2914.2914.2.dta
SXPFKXSPLXFGR 6 9 5 1 1392	1	517.5947	1549.762	3	25.52	0.0084	SSPFKYSPLEFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2864.2864.3.dta
SXPFKXSPLXFGR 5 0 9 0 1019	1	781.8941	1561.774	2	31.51	0.0019	SLPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2833.2833.2.dta
SXPFKXSPLXFGR 1 5 9 0 319	1	536.2618	1605.764	3	26.6	0.0097	SDPFKLSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3049.3049.3.dta
SXPFKXSPLXFGR 4 5 5 0 911	1	500.2668	1497.779	3	23.54	0.0066	SGPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3141.3141.3.dta
SXPFKXSPLXFGR 9 0 3 0 1807	1	532.9267	1595.758	3	22.49	0.0082	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2921.2921.3.dta
SXPFKXSPLXFGR 0 3 8 1 78	1	502.2596	1503.757	3	28.67	0.0024	SAPFKFSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3007.3007.3.dta
GPSGXVSAQXLXR 1 1 1 1 224	1	684.7896	1367.565	2	36	0.00041	GPSGDVSDAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1956.1956.2.dta
SXPFKXSPLXFGR 0 0 3 1 8	1	738.8702	1475.726	2	20.37	0.0092	SAPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2762.2762.2.dta
GPSGXVSAQXLXR 3 8 3 0 767	1	722.8553	1443.696	2	26.15	0.01	GPSGFVSVQAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3383.3383.2.dta
SXPFKXSPLXFGR 0 1 1 1 24	1	744.8447	1487.675	2	24.31	0.03	SAPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2443.2443.2.dta
GPSGXVSAQXLXR 5 5 5 1 1112	1	681.8755	1361.737	2	30.77	0.0019	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3456.3456.2.dta
SXPFKXSPLXFGR 9 8 0 0 1961	1	774.8868	1547.759	2	19.73	0.034	SYPFKVSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2980.2980.2.dta
GPSGXVSAQXLXR 5 0 9 1 1020	1	685.8417	1369.669	2	40.26	0.00049	GPSGLVSAQAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2648.2648.2.dta
SXPFKXSPLXFGR 0 1 8 1 38	1	736.8655	1471.716	2	40.89	0.00066	SAPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2730.2730.2.dta
GPSGXVSAQXLXR 5 9 9 1 1200	1	731.8553	1461.696	2	32.86	0.0034	GPSGLVSYAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2823.2823.2.dta