

prot_acc	pep_rank	pep_exp_r	pep_exp_r	pep_exp_z	pep_score	pep_expect	pep_seq	pep_var_mod	pep_var_mod_pos	pep_scan_title
GPSGXVSAQLXR 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
SXPFKXSPLXFR 7 4 4 1490	1	701.8441	1401.674	2	26.19	0.015	STPFKGSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2377.2377.2.dta
GPSGXVSAQLXR 2 8 6 1574	1	669.8207	1337.627	2	37.75	0.00065	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2304.2304.2.dta
GPSGXVSAQLXR 0 0 3 07	1	670.8235	1339.633	2	59.74	3.00E-06	GPSGAVSAAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2770.2770.2.dta
GPSGXVSAQLXR 0 0 3 07	1	670.8235	1339.633	2	48.21	4.30E-05	GPSGAVSAAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2748.2748.2.dta
GPSGXVSAQLXR 5 3 9 01079	1	737.8604	1473.706	2	31.04	0.0021	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4597.4597.2.dta
SXPFKXSPLXFR 4 2 0 1842	1	482.2354	1443.684	3	35.1	0.0021	SGPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2588.2588.3.dta
GPSGXVSAQLXR 8 3 1 01663	1	706.8342	1411.654	2	47.83	4.20E-05	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2754.2754.2.dta
SXPFKXSPLXFR 3 3 0 0661	1	790.889	1579.764	2	23.09	0.0074	SFPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3268.3268.2.dta
SXPFKXSPLXFR 9 9 7 1996	1	538.9266	1613.758	3	25.16	0.0078	SYPFKESPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2550.2550.3.dta
GPSGXVSAQLXR 4 8 0 0961	1	639.8156	1277.617	2	57.55	2.40E-06	GPSGGVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2356.2356.2.dta
GPSGXVSAQLXR 9 4 0 11882	1	657.8101	1313.606	2	32.78	0.0033	GPSGVVSAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2194.2194.2.dta
SXPFKXSPLXFR 0 0 6 114	1	708.8519	1415.689	2	33.02	0.003	SAPFKASPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2489.2489.2.dta
SXPFKXSPLXFR 5 2 9 01059	1	810.8971	1619.78	2	33.32	0.0016	SLPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2749.2749.2.dta
GPSGXVSAQLXR 1 4 9 0299	1	693.8082	1385.602	2	59.36	4.30E-06	GPSGDVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2234.2234.2.dta
GPSGXVSAQLXR 0 5 5 1112	1	660.8517	1319.689	2	32.11	0.002	GPSGAVSAAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3152.3152.2.dta
GPSGXVSAQLXR 3 3 0 1662	1	694.8362	1387.658	2	32.76	0.0035	GPSGVVSAQLAK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3070.3070.2.dta
GPSGXVSAQLXR 0 0 9 019	1	678.821	1355.627	2	41.11	0.00017	GPSGAVSAAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2329.2329.2.dta
GPSGXVSAQLXR 9 1 9 01839	1	746.8292	1491.644	2	61.38	2.80E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2467.2467.2.dta
GPSGXVSAQLXR 9 4 1 1884	1	679.8051	1357.596	2	29.84	0.0047	GPSGVVSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5288.5288.2.dta
GPSGXVSAQLXR 1 3 3 0267	1	730.8343	1459.654	2	73.33	1.50E-07	GPSGDVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3354.3354.2.dta
GPSGXVSAQLXR 0 3 4 0169	1	663.8157	1325.617	2	69.26	2.00E-07	GPSGAVSAAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2704.2704.2.dta
GPSGXVSAQLXR 4 5 8 1918	1	646.8361	1291.658	2	51.67	3.50E-05	GPSGGVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2859.2859.2.dta
GPSGXVSAQLXR 9 3 2 1866	1	731.8365	1461.658	2	32.08	0.0039	GPSGVVSAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2763.2763.2.dta
SXPFKXSPLXFR 4 3 3 0867	1	783.8812	1565.748	2	35.25	0.0003	SGPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3243.3243.2.dta
GPSGXVSAQLXR 2 1 9 1440	1	715.8157	1429.617	2	46.25	8.80E-05	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2224.2224.2.dta
GPSGXVSAQLXR 6 8 6 11374	1	648.8153	1295.616	2	46.64	0.00012	GPSGVVSAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2196.2196.2.dta
GPSGXVSAQLXR 3 9 7 1796	1	717.839	1433.663	2	41.37	0.0009	GPSGVVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2772.2772.2.dta
SXPFKXSPLXFR 0 9 6 1194	1	503.5792	1507.716	3	46.63	0.00016	SAPFKYSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2655.2655.3.dta
GPSGXVSAQLXR 6 0 2 01205	1	669.808	1337.602	2	74.59	1.70E-07	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2090.2090.2.dta
GPSGXVSAQLXR 4 3 3 1868	1	687.8283	1373.642	2	40.4	0.00066	GPSGGVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3316.3316.2.dta
SXPFKXSPLXFR 7 8 9 1580	1	517.5948	1549.763	3	33.94	0.0012	STPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2766.2766.3.dta
SXPFKXSPLXFR 9 3 0 1987	1	563.6022	1687.785	3	48.14	1.50E-05	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3060.3060.3.dta
GPSGXVSAQLXR 9 9 5 01991	1	745.8577	1489.701	2	44.24	0.00011	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3010.3010.2.dta
SXPFKXSPLXFR 2 7 5 1552	1	510.9264	1529.757	3	39.81	0.00027	SEPFKTSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2718.2718.3.dta
GPSGXVSAQLXR 9 3 9 1880	1	748.8469	1495.679	2	31.86	0.0056	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4878.4878.2.dta
GPSGXVSAQLXR 3 3 5 1672	1	477.5755	1429.705	3	25.98	0.0093	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3648.3648.3.dta
SXPFKXSPLXFR 1 9 3 0387	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
GPSGXVSAQLXR 2 1 7 0435	1	698.8109	1395.607	2	45.5	0.00016	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1977.1977.2.dta
GPSGXVSAQLXR 1 5 3 1308	1	699.8389	1397.663	2	54.17	2.10E-05	GPSGDVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3336.3336.2.dta
GPSGXVSAQLXR 0 1 4 029	1	647.7949	1293.575	2	53.64	6.00E-05	GPSGAVSAAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2098.2098.2.dta
SXPFKXSPLXFR 0 3 8 178	1	502.2596	1503.757	3	28.67	0.0024	SAPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3007.3007.3.dta
SXPFKXSPLXFR 5 9 3 1188	1	537.607	1609.799	3	66.39	2.40E-07	SLPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3123.3123.3.dta
SXPFKXSPLXFR 0 1 8 138	1	491.5791	1471.715	3	37.34	0.0015	SAPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2530.2530.3.dta
GPSGXVSAQLXR 5 3 9 01079	1	737.8602	1473.706	2	78.45	3.90E-08	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3274.3274.2.dta
GPSGXVSAQLXR 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
GPSGXVSAQLXR 5 9 5 01191	1	480.9144	1439.722	3	64.51	7.40E-07	GPSGLVSAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3353.3353.3.dta
SXPFKXSPLXFR 1 2 1 244	1	516.2338	1545.68	3	44.71	0.00012	SDPFKESPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2605.2605.3.dta
GPSGXVSAQLXR 5 2 5 01051	1	703.8576	1405.701	2	48.97	4.90E-05	GPSGLVSEAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2930.2930.2.dta
SXPFKXSPLXFR 0 4 4 190	1	686.8386	1371.663	2	27.12	0.0055	SAPFKGSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2365.2365.2.dta
SXPFKXSPLXFR 4 9 0 1982	1	493.5756	1477.705	3	29.05	0.008	SGPFKYSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4498.4498.3.dta
GPSGXVSAQLXR 1 1 9 0239	1	722.8109	1443.607	2	64.03	1.40E-06	GPSGDVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2256.2256.2.dta
GPSGXVSAQLXR 1 1 2 0225	1	705.8005	1409.586	2	37.03	0.00033	GPSGDVSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1926.1926.2.dta
SXPFKXSPLXFR 2 2 0 1442	1	506.2424	1515.705	3	44.88	0.00021	SEPFKESPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2452.2452.3.dta
SXPFKXSPLXFR 6 2 5 11252	1	506.2545	1515.742	3	32.52	0.0031	SSPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2788.2788.3.dta
GPSGXVSAQLXR 9 9 0 1819	1	724.8342	1447.654	2	61.5	2.80E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2511.2511.2.dta
GPSGXVSAQLXR 0 9 0 199	1	483.5585	1447.654	3	24.83	0.013	GPSGAVSAAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2535.2535.3.dta
GPSGXVSAQLXR 0 2 9 0159	1	707.8237	1413.633	2	48.21	8.40E-05	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2336.2336.2.dta
GPSGXVSAQLXR 5 1 7 01035	1	690.8315	1379.649	2	29.27	0.0066	GPSGLVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2435.2435.2.dta
SXPFKXSPLXFR 9 0 3 01807	1	532.9267	1595.758	3	22.49	0.0082	SYPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2921.2921.3.dta
GPSGXVSAQLXR 3 1 0 01621	1	692.8184	1383.622	2	45.11	0.0001	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2484.2484.2.dta
GPSGXVSAQLXR 9 3 2 1866	1	731.8364	1461.658	2	27.56	0.011	GPSGVVSAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2616.2616.2.dta
SXPFKXSPLXFR 9 9 9 12000	1	838.894	1675.773	2	25.34	0.0039	SYPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2846.2846.2.dta
SXPFKXSPLXFR 1 9 0 319	1	536.2618	1605.764	3	26.6	0.0097	SDPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3049.3049.3.dta
GPSGXVSAQLXR 5 2 8 01057	1	464.9023	1391.685	3	28.65	0.0061	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2936.2936.3.dta
SXPFKXSPLXFR 0 0 8 118	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
SXPFKXSPLXFR 4 4 4 1890	1	679.8307	1357.647	2	25.15	0.014	SGPFKGSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2392.2392.2.dta
SXPFKXSPLXFR 4 1 0 1822	1	477.5634	1429.668	3	34.82	0.0019	SGPFKDSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4919.4919.3.dta
GPSGXVSAQLXR 5 5 3 11108	1	466.2473	1395.72	3	64.35	8.60E-07	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3764.3764.3.dta
SXPFKXSPLXFR 7 6 4 11530	1	478.2353	1431.684	3	57.41	9.50E-06	STPFKSSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2373.2373.3.dta
GPSGXVSAQLXR 9 9 0 1999	1	770.8474	1539.68	2	74.81	9.40E-08	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2698.2698.2.dta
GPSGXVSAQLXR 9 4 9 01899	1	717.8263	1433.638	2	66.32	8.80E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2363.2363.2.dta
GPSGXVSAQLXR 0 7 8 1158										

GPSGXVSAQLXR 9 2 9 0 1859	1	753.8369	1505.659	2	72.08	2.30E-07	GPSGVYSEAOQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2522.2522.2.dta
GPSGXVSAQLXR 1 2 7 0 255	1	698.8107	1395.607	2	58.26	8.30E-06	GPSGDVSEAOQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2137.2137.2.dta
SXPFKXSPLXFGR 5 0 0 0 1001	1	735.8809	1469.747	2	40.48	9.40E-05	SLPFFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2732.2732.2.dta
SXPFKXSPLXFGR 9 4 3 0 1887	1	528.2548	1581.743	3	39.41	0.00011	SYPFKGSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2860.2860.3.dta
GPSGXVSAQLXR 5 8 8 0 1177	1	681.8625	1361.711	2	64.74	3.50E-07	GPSGLVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3091.3091.2.dta
GPSGXVSAQLXR 5 5 5 1 1112	1	681.8751	1361.736	2	50.97	1.80E-05	GPSGLVSAQLLQ	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3642.3642.2.dta
SXPFKXSPLXFGR 6 9 5 1 1392	3	517.5947	1549.762	3	25.52	0.0084	SSPFFKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2864.2864.3.dta
SXPFKXSPLXFGR 0 5 0 1 102	1	721.8777	1441.741	2	21.5	0.014	SAPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2882.2882.2.dta
GPSGXVSAQLXR 2 5 5 0 511	1	469.5741	1405.701	3	85.91	1.00E-08	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3235.3235.3.dta
SXPFKXSPLXFGR 9 3 0 0 1861	1	532.9266	1595.758	3	40.69	0.00012	SYPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3079.3079.3.dta
SXPFKXSPLXFGR 6 4 9 0 1299	1	508.2426	1521.706	3	45.27	6.20E-05	SSPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2532.2532.3.dta
SXPFKXSPLXFGR 6 4 9 0 1299	1	761.8602	1521.706	2	29.67	0.0023	SSPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2527.2527.2.dta
GPSGXVSAQLXR 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
SXPFKXSPLXFGR 4 5 4 1 910	1	472.2438	1413.71	3	36.89	0.00052	SGPFLKSPPLGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2870.2870.3.dta
SXPFKXSPLXFGR 4 5 4 1 910	1	707.8621	1413.71	2	32.77	0.0013	SGPFLKSPPLGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3139.3139.2.dta
SXPFKXSPLXFGR 9 6 9 1 1940	1	534.2545	1599.742	3	73.83	1.40E-07	SYPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2592.2592.3.dta
SXPFKXSPLXFGR 4 9 4 0 989	1	746.8549	1491.695	2	26.15	0.0055	SGPFFKSPPLGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2683.2683.2.dta
GPSGXVSAQLXR 0 5 0 0 101	1	653.8311	1305.648	2	61.83	6.60E-07	GPSGAVSAAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2693.2693.2.dta
GPSGXVSAQLXR 0 5 5 0 111	1	674.8547	1347.695	2	81.29	7.40E-09	GPSGAVSAAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3242.3242.2.dta
SXPFKXSPLXFGR 4 5 5 0 911	1	500.2668	1497.779	3	62.53	8.40E-07	SGPFLKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3163.3163.3.dta
GPSGXVSAQLXR 5 9 8 0 1197	1	713.86	1425.706	2	54.02	8.30E-06	GPSGLVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2932.2932.2.dta
SXPFKXSPLXFGR 4 4 9 1 900	1	732.8517	1463.689	2	27.01	0.015	SGPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2502.2502.2.dta
GPSGXVSAQLXR 5 5 5 0 1111	1	695.8782	1389.742	2	31.89	0.0013	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3488.3488.2.dta
SXPFKXSPLXFGR 4 3 5 1 872	1	752.8856	1503.757	2	23.65	0.0078	SGPFFKSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3138.3138.2.dta
GPSGXVSAQLXR 1 7 9 0 359	1	715.8211	1429.628	2	43.56	0.00027	GPSGDVSTAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1959.1959.2.dta
GPSGXVSAQLXR 5 1 1 0 1023	1	697.821	1393.628	2	33.96	0.005	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2386.2386.2.dta
SXPFKXSPLXFGR 8 3 5 1 1672	1	516.2752	1545.804	3	46.02	4.50E-05	SYPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3322.3322.3.dta
GPSGXVSAQLXR 2 2 9 0 459	1	736.8264	1471.638	2	73.76	1.60E-07	GPSGEVSEAOQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2239.2239.2.dta
SXPFKXSPLXFGR 9 8 3 0 1967	1	812.902	1623.789	2	44.76	4.50E-05	SYPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3139.3139.2.dta
GPSGXVSAQLXR 5 3 2 0 1065	1	720.8497	1439.685	2	38.82	0.00041	GPSGLVSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2996.2996.2.dta
SXPFKXSPLXFGR 0 0 9 0 19	1	760.8705	1519.726	2	24.44	0.0097	SAPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2611.2611.2.dta
GPSGXVSAQLXR 0 0 0 0 1	1	632.8076	1263.601	2	62.88	5.20E-07	GPSGAVSAAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2135.2135.2.dta
GPSGXVSAQLXR 8 9 3 0 1787	1	730.8522	1459.69	2	74.07	1.10E-07	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3203.3203.2.dta
GPSGXVSAQLXR 2 1 2 0 425	1	712.8082	1423.602	2	78.76	7.60E-08	GPSGVSSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2017.2017.2.dta
GPSGXVSAQLXR 0 9 7 0 195	1	693.8261	1385.638	2	55.43	1.20E-05	GPSGAVSAAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2088.2088.2.dta
SXPFKXSPLXFGR 1 9 9 0 399	1	828.8787	1655.743	2	44.8	8.10E-05	SDPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2853.2853.2.dta
SXPFKXSPLXFGR 3 0 8 1 618	1	752.8856	1503.757	2	21.61	0.012	SYPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3040.3040.2.dta
SXPFKXSPLXFGR 2 5 1 1 504	1	515.5861	1543.736	3	63.55	3.20E-06	SEPFKLSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2946.2946.3.dta
GPSGXVSAQLXR 5 3 3 1 1068	1	715.8594	1429.704	2	45.96	9.40E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3746.3746.2.dta
GPSGXVSAQLXR 9 3 3 0 1867	1	503.5706	1507.69	3	44.54	8.40E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3566.3566.3.dta
GPSGXVSAQLXR 9 9 9 1 2000	1	756.8441	1511.674	2	33.85	0.0026	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2729.2729.2.dta
GPSGXVSAQLXR 1 3 9 0 279	1	738.8315	1475.648	2	57.97	4.50E-06	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2818.2818.2.dta
GPSGXVSAQLXR 2 2 2 0 445	1	719.816	1437.617	2	69.46	1.40E-06	GPSGEVSEAOQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2138.2138.2.dta
GPSGXVSAQLXR 2 2 2 0 445	1	719.816	1437.617	2	66.89	2.60E-06	GPSGEVSEAOQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2075.2075.2.dta
GPSGXVSAQLXR 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
SXPFKXSPLXFGR 4 4 0 0 881	1	467.5634	1399.669	3	57.1	1.90E-05	SGPFFKSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2451.2451.3.dta
GPSGXVSAQLXR 9 2 9 1 1860	1	739.8337	1477.653	2	46.3	9.50E-05	GPSGVYSEAOQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2481.2481.2.dta
SXPFKXSPLXFGR 6 3 3 0 1267	1	798.8862	1595.758	2	37.05	0.00027	SSPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3245.3245.2.dta
GPSGXVSAQLXR 9 1 5 0 1831	1	481.5619	1441.664	3	45.77	0.00011	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2631.2631.3.dta
SXPFKXSPLXFGR 4 5 4 0 909	1	481.5791	1441.716	3	35.51	0.0018	SGPFLKSPPLGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2898.2898.3.dta
SXPFKXSPLXFGR 9 4 9 0 1899	1	799.8759	1597.737	2	35.96	0.00034	SYPFKGSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2663.2663.2.dta
SXPFKXSPLXFGR 9 9 9 1 2000	1	559.5983	1675.773	3	33.94	0.00073	SYPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2845.2845.3.dta
SXPFKXSPLXFGR 1 5 3 1 308	1	521.5947	1561.762	3	73.53	2.80E-07	SDPFLKSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3355.3355.3.dta
GPSGXVSAQLXR 9 9 3 0 1987	1	762.8497	1523.685	2	27.7	0.0073	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4877.4877.2.dta
GPSGXVSAQLXR 3 9 9 0 799	1	762.8497	1523.685	2	25.86	0.011	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2884.2884.2.dta
SXPFKXSPLXFGR 6 8 1 1 1364	1	744.8622	1487.71	2	26.61	0.01	SSPFFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2762.2762.2.dta
GPSGXVSAQLXR 9 5 5 1 1912	1	471.5789	1411.715	3	37.5	0.00072	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3467.3467.3.dta
SXPFKXSPLXFGR 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
SXPFKXSPLXFGR 0 8 4 1 170	1	472.2437	1413.709	3	52.3	1.50E-05	SAPFKVSPPLGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2691.2691.3.dta
GPSGXVSAQLXR 5 5 8 0 1117	1	688.8702	1375.726	2	60.67	1.70E-06	GPSGLVSAQQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3295.3295.2.dta
GPSGXVSAQLXR 5 5 8 0 1117	1	459.5826	1375.726	3	58.67	2.60E-06	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3404.3404.3.dta
GPSGXVSAQLXR 3 2 2 0 645	1	728.8289	1455.643	2	61.75	5.10E-06	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2504.2504.2.dta
SXPFKXSPLXFGR 4 8 5 1 972	1	486.2594	1455.756	3	50.91	2.90E-05	SGPFFKSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2955.2955.3.dta
GPSGXVSAQLXR 3 9 9 1 800	1	748.8466	1495.679	2	44	0.00034	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2932.2932.2.dta
SXPFKXSPLXFGR 1 9 9 0 399	1	552.9215	1655.743	3	52.04	1.50E-05	SDPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2852.2852.3.dta
GPSGXVSAQLXR 8 9 3 0 1787	1	730.8522	1459.69	2	67.84	4.60E-07	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3129.3129.2.dta
GPSGXVSAQLXR 9 4 0 0 1881	1	671.8129	1341.611	2	65.58	5.80E-07	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2186.2186.2.dta
SXPFKXSPLXFGR 5 5 6 1 1114	1	750.8986	1499.783	2	25.98	0.0061	SLPFLKSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3121.3121.2.dta
GPSGXVSAQLXR 5 3 0 0 1061	1	691.8468	1381.679	2	37.97	0.00024	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3097.3097.2.dta
SXPFKXSPLXFGR 4 3 0 1 862	1	488.2438	1461.71	3	19.76	0.014	SGPFFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2781.2781.3.dta
GPSGXVSAQLXR 9 6 9 0 1939	1	488.89	1463.648	3	45.25	0.00014	GPSGVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2384.2384.3.dta
GPSGXVSAQLXR 3 2 8 0 657	1	713.8417	1425.669	2	58.63	5.40E-06	GPSGVVSEAOQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2784.2784.2.dta
SXPFKXSPLXFGR 9 9 0 0 1999	1	852.8968	1703.779	2	23.17	0.0048	SYPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2875.2875.2.dta
GPSGXVSAQLXR 0 6 8 0 137	1	654.8207	1307.627	2	77.56	4.70E-08	GPSGAVSAAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2161.2161.2.dta
GPSGXVSAQLXR 5 0 7 1 1016	1	654.8333	1307.652	2	41.99	0.00027	GPSGLVSAQQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2502.2502.2.dta
GPSGXVSAQLXR 0 5 5 0 111	1	674.8546	1347.695	2	62.61	5.50E-07	GPSGAVSAAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3129.3129.2.dta
GPSGXVSAQLXR 9 5 7 0 1915	1	714.8495	1427.685	2	71.61	2.10E-07	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2882.2882.2.dta
SXPFKXSPLXFGR 3 5 5 0 711	1	794.92	1587.825	2	39.47	0.00011	SFPFLKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX

GPSGXVSAQLXR 8 3 5 0 1671	1	470.9107	1409.71	3	53.14	5.80E-06	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3542.3542.3.dta
SXPFXSPLXFR 1 7 2 1 346	1	511.5739	1531.7	3	28.33	0.0057	SDPFKTSPLFEGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2456.2456.3.dta
SXPFXSPLXFR 0 0 9 1 20	1	498.2473	1491.72	3	55.54	1.60E-05	SAPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2524.2524.3.dta
SXPFXSPLXFR 0 5 9 1 120	1	767.8908	1533.767	2	30.85	0.003	SAPFKLSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2922.2922.2.dta
SXPFXSPLXFR 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
SXPFXSPLXFR 0 0 8 0 17	1	728.8729	1455.731	2	29.62	0.0038	SAPFKASPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2599.2599.2.dta
SXPFXSPLXFR 5 6 9 0 1139	1	789.8914	1577.768	2	22.87	0.014	SLPFKSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2767.2767.2.dta
GPSGXVSAQLXR 4 3 9 0 879	1	709.8286	1417.643	2	55.14	6.70E-06	GPSGGVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2800.2800.2.dta
SXPFXSPLXFR 5 2 0 1 1042	1	500.9227	1499.746	3	34.51	0.0016	SLPFKESPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2761.2761.3.dta
GPSGXVSAQLXR 6 3 8 0 1277	1	692.8364	1383.658	2	32.07	0.0017	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2834.2834.2.dta
SXPFXSPLXFR 3 6 1 1 1274	1	754.8647	1507.715	2	29.02	0.0093	SSPFKSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2938.2938.2.dta
GPSGXVSAQLXR 9 0 3 0 1807	1	716.8364	1431.658	2	53.71	1.10E-05	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2922.2922.2.dta
GPSGXVSAQLXR 6 3 3 0 1267	1	716.8364	1431.658	2	53.03	1.30E-05	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3240.3240.2.dta
SXPFXSPLXFR 9 9 4 0 1989	1	533.5862	1597.737	3	29.12	0.002	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2796.2796.3.dta
SXPFXSPLXFR 7 2 0 1 1442	1	744.8621	1487.71	2	26.29	0.0092	STPFKESPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2388.2388.2.dta
GPSGXVSAQLXR 2 5 5 0 511	1	703.8573	1405.7	2	56.17	9.40E-06	GPSGEVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3146.3146.2.dta
GPSGXVSAQLXR 5 5 9 1 1120	1	706.8646	1411.715	2	35.61	0.0011	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3120.3120.2.dta
GPSGXVSAQLXR 9 2 5 0 1851	1	728.847	1455.679	2	31.51	0.0022	GPSGVVSEAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2659.2659.2.dta
GPSGXVSAQLXR 2 9 5 0 591	1	728.847	1455.679	2	26.49	0.0071	GPSGEVSAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5549.5549.2.dta
GPSGXVSAQLXR 9 9 0 0 1999	1	770.847	1539.68	2	68.3	4.90E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2761.2761.2.dta
SXPFXSPLXFR 9 4 3 0 1887	1	791.8782	1581.742	2	39.69	0.00011	SYPFKGSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2862.2862.2.dta
SXPFXSPLXFR 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
SXPFXSPLXFR 5 6 0 1 1122	1	486.9191	1457.736	3	33.81	0.0018	SLPFKESPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2650.2650.3.dta
SXPFXSPLXFR 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
SXPFXSPLXFR 4 6 3 0 927	1	753.8625	1505.71	2	44.64	0.0001	SGPFKSPSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2739.2739.2.dta
SXPFXSPLXFR 1 3 0 0 261	1	516.9143	1547.721	3	35.96	0.00091	SDPFKSPSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3071.3071.3.dta
GPSGXVSAQLXR 1 7 1 0 343	1	691.8027	1381.591	2	50.42	2.60E-05	GPSGDVSTAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2045.2045.2.dta
GPSGXVSAQLXR 1 1 3 0 227	1	714.8131	1427.612	2	21.64	0.011	GPSGDVSDAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2640.2640.2.dta
GPSGXVSAQLXR 9 1 8 0 1837	1	714.8313	1427.648	2	27.33	0.0093	GPSGVVSDAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2389.2389.2.dta
SXPFXSPLXFR 9 9 4 0 1989	1	799.8757	1597.737	2	32.05	0.001	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2795.2795.2.dta
SXPFXSPLXFR 6 2 1 1 1244	1	759.8492	1517.684	2	21.72	0.014	SSPFKESPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2459.2459.2.dta
SXPFXSPLXFR 1 5 0 1 302	1	496.2507	1485.73	3	34.89	0.002	SDPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2981.2981.3.dta
SXPFXSPLXFR 5 6 0 0 1121	1	496.2545	1485.742	3	23.31	0.015	SLPFKESPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2762.2762.3.dta
SXPFXSPLXFR 1 1 1 1 224	1	511.5617	1531.663	3	42.91	0.00016	SDPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2604.2604.2.dta
GPSGXVSAQLXR 1 1 2 0 225	1	705.8001	1409.586	2	20.54	0.015	GPSGDVSDAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2086.2086.2.dta
SXPFXSPLXFR 5 2 5 1 1052	1	514.9383	1541.793	3	34.28	0.0011	SLPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3132.3132.3.dta
GPSGXVSAQLXR 9 2 0 0 1841	1	472.218	1413.632	3	70.12	5.40E-07	GPSGVVSEAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2872.2872.3.dta
GPSGXVSAQLXR 9 4 2 1 1886	1	686.8124	1371.61	2	38.06	0.0011	GPSGVVSGAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2193.2193.2.dta
GPSGXVSAQLXR 3 3 5 0 671	1	729.8624	1457.71	2	29.82	0.0027	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3535.3535.2.dta
SXPFXSPLXFR 2 8 1 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
SXPFXSPLXFR 9 9 9 1 2000	1	559.5981	1675.773	3	21.5	0.013	SYPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2826.2826.3.dta
SXPFXSPLXFR 1 7 9 0 359	1	532.2495	1593.727	3	33.7	0.0024	SDPFKTSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2568.2568.3.dta
SXPFXSPLXFR 9 9 2 1 1986	1	548.2579	1641.752	3	48.5	1.70E-05	SYPFKTSPLFEGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2767.2767.3.dta
GPSGXVSAQLXR 0 0 3 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
SXPFXSPLXFR 0 1 5 0 31	1	757.8755	1513.737	2	34.05	0.0024	SAPFKDSPLLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2676.2676.2.dta
GPSGXVSAQLXR 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
SXPFXSPLXFR 2 2 2 0 445	1	534.9127	1601.716	3	46.39	9.60E-05	SEPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2486.2486.3.dta
SXPFXSPLXFR 1 1 1 1 524	1	506.9019	1517.684	3	48.07	3.30E-05	SEPFKESPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2474.2474.3.dta
SXPFXSPLXFR 5 0 9 0 1019	1	521.5983	1561.773	3	46.12	6.60E-05	SLPFKASPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2819.2819.3.dta
GPSGXVSAQLXR 5 5 8 1 1118	1	450.2471	1347.719	3	61.47	2.10E-06	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3373.3373.3.dta
GPSGXVSAQLXR 0 2 4 0 49	1	654.8023	1307.59	2	59.44	6.30E-06	GPSGVVSEAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2065.2065.2.dta
GPSGXVSAQLXR 2 2 6 0 453	1	698.8104	1395.606	2	57.96	8.90E-06	GPSGEVSEAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1908.1908.2.dta
GPSGXVSAQLXR 2 1 7 0 435	1	698.8104	1395.606	2	50.23	5.30E-05	GPSGEVSDAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2051.2051.2.dta
SXPFXSPLXFR 5 6 5 0 1131	1	764.9015	1527.789	2	26.12	0.0038	SLPFKSPSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2876.2876.2.dta
SXPFXSPLXFR 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
GPSGXVSAQLXR 8 5 8 0 1717	1	681.8622	1361.71	2	53	5.30E-06	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3264.3264.2.dta
SXPFXSPLXFR 9 4 3 0 1887	1	528.2545	1581.742	3	20.61	0.0087	SYPFKGSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2867.2867.3.dta
SXPFXSPLXFR 9 9 6 0 1993	1	814.8809	1627.747	2	31.59	0.0021	SYPFKYSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2813.2813.2.dta
GPSGXVSAQLXR 1 2 0 0 241	1	683.8051	1365.596	2	30.65	0.0055	GPSGDVSEAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2129.2129.2.dta
GPSGXVSAQLXR 9 5 5 1 1912	1	706.8645	1411.715	2	44.89	0.00013	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3464.3464.2.dta
GPSGXVSAQLXR 4 3 5 0 871	1	684.8387	1367.663	2	68.54	5.90E-07	GPSGGVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3218.3218.2.dta
SXPFXSPLXFR 2 6 1 0 523	1	773.8522	1545.69	2	27.38	0.013	SEPFKESPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2486.2486.2.dta
GPSGXVSAQLXR 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
SXPFXSPLXFR 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
GPSGXVSAQLXR 0 7 6 1 154	1	641.807	1281.6	2	28.53	0.0057	GPSGAVSTAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2005.2005.2.dta
SXPFXSPLXFR 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
SXPFXSPLXFR 4 1 7 1 836	1	487.5667	1459.678	3	29.83	0.0062	SGPFKDSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4594.4594.3.dta
SXPFXSPLXFR 5 3 3 1 1068	1	532.275	1593.803	3	38.88	0.00013	SLPFKSPSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3475.3475.3.dta
SXPFXSPLXFR 3 5 3 1 708	1	532.275	1593.803	3	21.35	0.0073	SFPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3622.3622.3.dta
SXPFXSPLXFR 6 5 9 1 1320	1	517.5945	1549.762	3	66.73	7.30E-07	SSPFKLSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2931.2931.3.dta
GPSGXVSAQLXR 9 2 9 0 1859	1	753.8365	1505.659	2	24.76	0.012	GPSGVVSEAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4967.4967.2.dta
SXPFXSPLXFR 0 4 3 1 88	1	488.2436	1461.709	3	56.22	3.20E-06	SAPFKGSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2647.2647.3.dta
GPSGXVSAQLXR 5 8 5 0 1171	1	688.8701	1375.726	2	28.11	0.003	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3272.3272.2.dta
GPSGXVSAQLXR 0 5 6 1 114	1	647.8252	1293.636	2	44.6	0.00017	GPSGAVSQAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2483.2483.2.dta
GPSGXVSAQLXR 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
SXPFXSPLXFR 0 0 9 0 19	1	507.5826	1519.726	3	30.21	0.0026	SAPFKASPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2564.2564.3.dta
SXPFXSPLXFR 3 0 9 1 620	1	784.8828	1567.751	2	25	0.0084	SFPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2883.2883.2.dta
SXPFXSPLXFR 8 8 5 0 1771	1	763.9119	1525.809	2	37.25	0.00019	SVPFKSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3043.3043.2.dta
SXPFXSPLXFR 4 8 5 0 971	1	495.5947	1483.762	3	63.08	7.4				

SXPFKXSPLXFR 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
SXPFKXSPLXFR 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
GPSGXVXAQLXR 9 3 8 0 1877	1	487.5704	1459.689	3	44.69	0.000114	GPSGVYVFAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3144.3144.3.dta
SXPFKXSPLXFR 6 6 9 0 1339	1	776.8651	1551.716	2	42.91	0.000017	SSPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2494.2494.3.dta
SXPFKXSPLXFR 4 4 4 1 290	1	472.8912	1415.652	3	41.58	0.000041	SDPFKGSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2517.2517.3.dta
GPSGXVXAQLXR 3 3 8 1 678	1	708.8513	1415.688	2	40.5	0.000054	GPSGFVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3371.3371.2.dta
SXPFKXSPLXFR 6 3 5 0 1271	1	781.8937	1561.773	2	38.77	0.000036	SSPFKSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3188.3188.2.dta
GPSGXVXAQLXR 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
SXPFKXSPLXFR 9 9 9 0 1999	1	568.9335	1703.779	3	42.86	5.20E-05	SYPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2876.2876.3.dta
GPSGXVXAQLXR 5 3 9 0 1079	1	737.8597	1473.705	2	55.27	1.10E-05	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3200.3200.2.dta
GPSGXVXAQLXR 6 5 5 1 1312	1	668.8487	1335.683	2	43.47	0.000028	GPSGVSAQLLQK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3192.3192.2.dta
GPSGXVXAQLXR 9 2 6 0 1853	1	477.5496	1429.627	3	29.76	0.0065	GPSGVYVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5135.5135.3.dta
SXPFKXSPLXFR 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
GPSGXVXAQLXR 3 9 7 1 796	1	717.8384	1433.662	2	32.54	0.0069	GPSGFVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2832.2832.2.dta
SXPFKXSPLXFR 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
SXPFKXSPLXFR 6 9 5 0 1391	1	789.8911	1577.768	2	29.64	0.0029	SSPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2917.2917.2.dta
SXPFKXSPLXFR 6 5 0 0 1301	1	496.2544	1485.741	3	46.93	6.70E-05	SSPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2916.2916.3.dta
GPSGXVXAQLXR 0 5 8 0 111	1	674.8543	1347.694	2	92.12	6.10E-10	GPSGAVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2329.3229.2.dta
SXPFKXSPLXFR 4 5 4 0 909	1	481.5789	1441.715	3	50.16	6.20E-05	SGPFKLSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2875.2875.3.dta
SXPFKXSPLXFR 0 6 7 1 136	1	482.9068	1445.699	3	44.98	0.00016	SAPFKSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2163.2163.3.dta
SXPFKXSPLXFR 2 1 6 0 433	1	516.2372	1545.69	3	36.96	0.0014	SEPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2494.2494.3.dta
SXPFKXSPLXFR 5 0 3 0 1007	1	773.8962	1545.778	2	31.76	0.00077	SLPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3028.3028.2.dta
GPSGXVXAQLXR 0 0 7 1 16	1	633.8094	1265.604	2	36.77	0.00028	GPSGAVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1931.1931.2.dta
GPSGXVXAQLXR 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
SXPFKXSPLXFR 9 0 3 0 1807	1	798.8859	1595.757	2	21.63	0.0093	SYPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2923.2923.2.dta
GPSGXVXAQLXR 5 8 8 0 1177	1	681.8621	1361.71	2	63.92	4.30E-07	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3027.3027.2.dta
GPSGXVXAQLXR 2 1 1 0 423	1	705.8	1409.585	2	71.54	1.20E-07	GPSGEVSDAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1999.1999.2.dta
SXPFKXSPLXFR 2 8 5 0 571	1	519.6017	1555.783	3	35.13	0.0011	SEPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2979.2979.3.dta
GPSGXVXAQLXR 6 5 0 0 1301	1	661.8282	1321.642	2	84.55	9.60E-09	GPSGVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2578.2578.2.dta
SXPFKXSPLXFR 4 9 2 0 985	1	522.2458	1563.716	3	40.84	0.00048	SGPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2709.2709.3.dta
GPSGXVXAQLXR 5 5 8 0 1117	1	688.8699	1375.725	2	59.95	2.00E-06	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3252.3252.2.dta
SXPFKXSPLXFR 6 8 8 1 1378	1	491.5909	1471.751	3	34.28	0.00093	SSPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2800.2800.3.dta
GPSGXVXAQLXR 5 9 8 0 1197	1	476.2422	1425.705	3	57.92	3.40E-06	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3085.3085.3.dta
SXPFKXSPLXFR 0 7 0 1 142	1	477.5752	1429.704	3	33.63	0.0016	SAPFKTSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2486.2486.3.dta
GPSGXVXAQLXR 9 5 4 0 1909	1	692.8361	1383.658	2	24.35	0.0099	GPSGVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3477.3477.2.dta
GPSGXVXAQLXR 9 8 3 1 1968	1	716.8488	1431.683	2	45.16	0.00016	GPSGVYVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3173.3173.2.dta
SXPFKXSPLXFR 1 3 3 0 267	1	812.8833	1623.752	2	33.37	0.00048	SDPFKSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3402.3402.2.dta
SXPFKXSPLXFR 7 5 2 1 1506	1	765.8854	1529.756	2	20.72	0.014	STPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2897.2897.2.dta
GPSGXVXAQLXR 5 8 4 1 1170	1	646.8355	1291.657	2	47.33	9.60E-05	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2675.2675.2.dta
GPSGXVXAQLXR 6 6 9 0 1339	1	463.546	1387.616	3	71.14	3.20E-07	GPSGVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1941.1941.3.dta
GPSGXVXAQLXR 5 9 5 0 1191	1	720.8674	1439.72	2	41.52	0.00015	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3154.3154.2.dta
SXPFKXSPLXFR 6 3 6 0 1273	1	512.9141	1535.721	3	34.09	0.0019	SSPFKSPLSFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3005.3005.3.dta
GPSGXVXAQLXR 8 8 3 0 1767	1	698.8543	1395.694	2	42.44	5.70E-05	GPSGVSAQLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3193.3193.2.dta
SXPFKXSPLXFR 1 5 3 0 307	1	530.9298	1589.768	3	47.93	5.60E-05	SDPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3388.3388.3.dta
SXPFKXSPLXFR 4 6 9 1 940	1	747.8566	1493.699	2	28.92	0.011	SGPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2450.2450.2.dta
GPSGXVXAQLXR 8 5 6 0 1713	1	675.8439	1349.673	2	28.16	0.0046	GPSGVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2738.2738.2.dta
SXPFKXSPLXFR 2 7 8 0 557	1	772.8807	1543.747	2	25.69	0.015	SEPFKTSPLVGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2589.2589.2.dta
SXPFKXSPLXFR 9 9 2 1 1986	1	821.883	1641.751	2	20.6	0.01	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2763.2763.2.dta
SXPFKXSPLXFR 9 9 2 1 1986	1	821.883	1641.751	2	19.13	0.015	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2763.2763.2.dta
GPSGXVXAQLXR 6 2 6 0 1253	1	677.8049	1353.595	2	60.11	1.90E-06	GPSGVSEAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1865.1865.2.dta
SXPFKXSPLXFR 0 3 0 0 61	1	752.8726	1503.731	2	38.57	0.00014	SAPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2947.2947.2.dta
SXPFKXSPLXFR 4 3 0 1 862	1	731.8616	1461.709	2	37.93	0.00022	SGPFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2934.2934.2.dta
SXPFKXSPLXFR 3 4 0 1 682	1	731.8616	1461.709	2	21.49	0.0096	SFPFKGSPPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2786.2786.2.dta
GPSGXVXAQLXR 0 1 2 0 25	1	683.8049	1365.595	2	40.55	0.00056	GPSGEVSDAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2041.2041.2.dta
SXPFKXSPLXFR 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
SXPFKXSPLXFR 5 8 1 1 1164	1	757.8879	1513.761	2	29.94	0.0052	SLPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3009.3009.2.dta
GPSGXVXAQLXR 5 0 5 1 1012	1	660.8511	1319.688	2	39.09	0.0004	GPSGLVSAQLLQK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2935.2935.2.dta
SXPFKXSPLXFR 0 9 3 1 188	1	523.5909	1567.751	3	61.28	2.00E-06	SAPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2893.2893.3.dta
SXPFKXSPLXFR 0 8 5 1 172	1	490.9311	1469.771	3	23.27	0.015	SAPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2937.2937.3.dta
GPSGXVXAQLXR 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
GPSGXVXAQLXR 5 3 8 1 1078	1	691.859	1381.704	2	36.28	0.00085	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3204.3204.2.dta
SXPFKXSPLXFR 0 4 3 0 87	1	745.8647	1489.715	2	36.41	0.00062	SAPFKGSPPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2724.2724.2.dta
SXPFKXSPLXFR 6 0 3 1 1208	1	498.247	1491.719	3	27.96	0.0091	SSPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2758.2758.3.dta
SXPFKXSPLXFR 5 8 1 0 1163	1	514.9297	1541.767	3	66.47	9.40E-07	SLPFKSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3029.3029.3.dta
GPSGXVXAQLXR 3 3 8 0 677	1	722.8543	1443.694	2	32.49	0.0023	GPSGFVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3491.3491.2.dta
SXPFKXSPLXFR 2 1 5 1 432	1	515.5858	1543.735	3	47.24	6.80E-05	SEPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2673.2673.3.dta
GPSGXVXAQLXR 0 5 5 0 111	1	674.8542	1347.694	2	61.14	7.70E-07	GPSGAVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3161.3161.2.dta
SXPFKXSPLXFR 4 5 5 0 911	1	749.896	1497.777	2	46.15	3.60E-05	SGPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3153.3153.3.dta
SXPFKXSPLXFR 4 5 5 0 911	1	749.896	1497.777	2	40.26	0.00014	SGPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3139.3139.2.dta
SXPFKXSPLXFR 9 9 6 1 1994	1	534.2542	1599.741	3	31.8	0.0026	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2757.2757.3.dta
GPSGXVXAQLXR 0 6 1 1 14	1	626.8015	1251.589	2	37.95	0.0007	GPSGAVSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2034.2034.2.dta
GPSGXVXAQLXR 9 2 9 0 1859	1	753.8364	1505.658	2	24.23	0.014	GPSGVYVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4654.4654.2.dta
SXPFKXSPLXFR 4 0 9 0 819	1	753.8622	1505.71	2	29.73	0.0032	SGPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2570.2570.2.dta
GPSGXVXAQLXR 2 5 5 0 511	1	703.857	1405.699	2	49.07	4.80E-05	GPSGEVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3106.3106.2.dta
GPSGXVXAQLXR 4 5 5 1 912	1	653.8433	1305.672	2	61.05	3.40E-06	GPSGGVSAQLLQK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3240.3240.2.dta
SXPFKXSPLXFR 0 5 6 1 114	1	486.9189	1457.735	3	27.13	0.0082	SAPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2850.2850.3.dta
SXPFKXSPLXFR 9 9 4 1 1990	1	785.8723	1569.73	2	29.53	0.0052	SYPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2738.2738.2.dta
SXPFKXSPLXFR 1 0 8 1 218	1	491.5786	1471.714	3	52.7	3.30E-05	SDPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2676.

SXPFKXSPLXFR 0 8 5 0 171	1	500.2664	1497.777	3	22.17	0.0091	SAPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2955.2955.3.dta
GPSGXVSAQLXR 0 8 7 1 176	1	647.825	1293.636	2	38.67	0.00065	GPSGAVSVAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2090.2090.2.dta
SXPFKXSPLXFR 4 4 0 0 881	1	700.8411	1399.668	2	43.3	0.00041	SGPFKGSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2394.2394.4.dta
SXPFKXSPLXFR 0 0 0 1 2	1	467.5715	1399.693	3	32.29	0.0015	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2484.2484.3.dta
SXPFKXSPLXFR 6 3 4 0 1269	1	753.8621	1505.71	2	38.05	0.00047	SSPFKFSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2979.2979.2.dta
GPSGXVSAQLXR 2 8 7 1 576	1	676.8278	1351.641	2	39.85	0.00053	GPSGEVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2100.2100.2.dta
GPSGXVSAQLXR 5 2 9 0 1059	1	728.8466	1455.679	2	58.71	4.20E-06	GPSGLVSEAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2745.2745.2.dta
SXPFKXSPLXFR 6 0 9 1 1220	1	503.5786	1507.714	3	62.83	4.40E-06	SSPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2542.2542.3.dta
SXPFKXSPLXFR 2 6 2 0 525	1	780.8598	1559.705	2	44.54	0.00025	SEPFKSSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2424.2424.2.dta
GPSGXVSAQLXR 8 5 3 0 1707	1	705.8621	1409.71	2	21.52	0.0085	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3411.3411.2.dta
GPSGXVSAQLXR 5 5 4 1 1110	1	653.8432	1305.672	2	47.61	7.50E-05	GPSGLVSLAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2890.2890.2.dta
GPSGXVSAQLXR 4 5 5 1 912	1	653.8432	1305.672	2	29.61	0.0048	GPSGGVSLAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3099.3099.2.dta
GPSGXVSAQLXR 5 3 2 1 1066	1	706.8461	1411.678	2	41.89	0.00025	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2962.2962.2.dta
SXPFKXSPLXFR 0 8 4 1 170	1	472.2434	1413.709	3	59.75	2.70E-06	SAPFKVSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2642.2642.3.dta
GPSGXVSAQLXR 5 5 6 0 1113	1	682.8516	1363.689	2	43.89	0.00016	GPSGLVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2904.2904.2.dta
SXPFKXSPLXFR 0 8 5 1 172	1	735.8928	1469.771	2	33.32	0.0015	SAPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2898.2898.2.dta
SXPFKXSPLXFR 4 5 1 1 904	1	491.5786	1471.714	3	63.96	2.50E-06	SGPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2918.2918.3.dta
SXPFKXSPLXFR 2 8 9 1 580	1	526.926	1577.756	3	30.89	0.0023	SEPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2813.2813.3.dta
SXPFKXSPLXFR 5 5 5 1 1112	1	509.6186	1525.834	3	62.57	5.50E-07	SPLFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3419.3419.3.dta
GPSGXVSAQLXR 9 5 3 0 1907	1	737.8596	1473.705	2	73.45	1.60E-07	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3431.3431.2.dta
SXPFKXSPLXFR 5 5 6 0 1113	1	764.9012	1527.788	2	25.29	0.0046	SPLFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3140.3140.2.dta
SXPFKXSPLXFR 4 3 4 0 869	1	492.907	1475.699	3	30.94	0.003	SGPFKFSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2949.2949.3.dta
GPSGXVSAQLXR 6 9 0 0 1381	1	686.8177	1371.621	2	51.46	3.70E-05	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2271.2271.2.dta
SXPFKXSPLXFR 2 6 2 1 526	1	511.5736	1531.699	3	23.83	0.0075	SEPFKSSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2207.2207.3.dta
SXPFKXSPLXFR 0 0 0 0 1	1	476.9069	1427.699	3	82.41	3.70E-08	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2467.2467.3.dta
SXPFKXSPLXFR 7 6 4 1 1530	1	478.2348	1431.683	3	31.35	0.0038	STPFKSSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2162.2162.3.dta
GPSGXVSAQLXR 2 8 7 0 575	1	690.8309	1379.647	2	36.08	0.0014	GPSGEVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4597.4597.2.dta
SXPFKXSPLXFR 2 6 9 0 539	1	532.2492	1593.726	3	31.49	0.0039	SEPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2518.2518.3.dta
GPSGXVSAQLXR 3 0 5 0 611	1	691.8463	1381.678	2	65.58	4.20E-07	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2999.2999.2.dta
GPSGXVSAQLXR 5 3 8 1 1078	1	691.8589	1381.703	2	38.12	0.00056	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3247.3247.2.dta
SXPFKXSPLXFR 5 8 0 0 1163	1	771.8909	1541.767	2	55.02	1.50E-05	SPLFKVSPDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3034.3034.2.dta
SXPFKXSPLXFR 4 3 0 0 861	1	497.5788	1489.715	3	59.26	3.20E-06	SGPFKFSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2956.2956.3.dta
GPSGXVSAQLXR 8 8 5 1 1772	1	445.575	1333.703	3	44.7	0.00014	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3238.3238.2.dta
SXPFKXSPLXFR 4 5 4 0 909	1	721.8646	1441.715	2	32.27	0.0038	SGPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2900.2900.2.dta
GPSGXVSAQLXR 6 5 5 1 1312	1	668.8485	1335.683	2	33.38	0.0028	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3059.3059.2.dta
SXPFKXSPLXFR 4 5 5 0 911	1	500.2664	1497.777	3	58.92	1.90E-06	SGPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3142.3142.3.dta
SXPFKXSPLXFR 5 9 1 0 1183	1	803.8884	1605.762	2	36.34	0.0011	SPLFKVSPDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2955.2955.2.dta
SXPFKXSPLXFR 1 5 1 0 303	1	520.2492	1557.726	3	57.55	1.40E-05	SDFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3069.3069.3.dta
GPSGXVSAQLXR 9 9 2 0 1985	1	753.8362	1505.658	2	28.07	0.0058	GPSGVVSAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2482.2482.2.dta
SXPFKXSPLXFR 8 8 3 0 1767	1	780.9038	1559.793	2	43.88	4.10E-05	SVPFKVSPDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3107.3107.2.dta
SXPFKXSPLXFR 9 5 0 0 1901	1	781.8934	1561.772	2	37.54	0.00048	SVPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3013.3013.2.dta
GPSGXVSAQLXR 4 5 7 1 916	1	647.825	1293.635	2	25.48	0.014	GPSGGVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.6666.2666.2.dta
GPSGXVSAQLXR 0 5 5 0 111	1	450.2385	1347.694	3	73.13	4.90E-08	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3340.3340.3.dta
SXPFKXSPLXFR 6 3 1 0 1263	1	522.2457	1563.715	3	37.04	0.0011	SSPFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3053.3053.3.dta
SXPFKXSPLXFR 3 3 4 0 669	1	783.8803	1565.746	2	36.49	0.00022	SFPFKFSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3314.3314.2.dta
SXPFKXSPLXFR 6 0 1 1 1204	1	487.5665	1459.678	3	71.78	4.00E-07	SSPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2541.2541.3.dta
SXPFKXSPLXFR 2 0 2 1 406	1	506.2419	1515.704	3	24.79	0.015	SEPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2326.2326.3.dta
GPSGXVSAQLXR 9 2 0 0 1841	1	707.8231	1413.632	2	39.85	0.00057	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2724.2724.2.dta
SXPFKXSPLXFR 7 2 9 1 1460	1	527.5857	1579.735	3	53.96	5.40E-06	STPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2485.2485.3.dta
GPSGXVSAQLXR 3 2 3 0 647	1	737.8413	1473.668	2	40.03	0.00042	GPSGFVSEAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3187.3187.2.dta
SXPFKXSPLXFR 9 0 9 1 1820	1	528.9224	1583.745	3	59.56	4.80E-06	SVPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2676.2676.3.dta
SXPFKXSPLXFR 4 3 4 0 869	1	738.8567	1475.699	2	30.49	0.0033	SGPFKFSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2965.2965.2.dta
GPSGXVSAQLXR 2 2 1 0 443	1	712.8076	1423.601	2	40.37	0.00082	GPSGEVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2046.2046.2.dta
SXPFKXSPLXFR 0 8 0 1 162	1	714.8693	1427.724	2	28.49	0.0034	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2681.2681.2.dta
SXPFKXSPLXFR 6 5 2 0 1305	1	515.5894	1543.746	3	67.91	9.20E-07	SSPFKLSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2901.2901.3.dta
SXPFKXSPLXFR 7 2 2 1 1446	1	773.8645	1545.715	2	26.06	0.0025	STPFKESPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2458.2458.2.dta
GPSGXVSAQLXR 9 4 4 0 1889	1	664.8046	1327.595	2	29.88	0.0042	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2164.2164.2.dta
GPSGXVSAQLXR 9 5 5 0 1911	1	720.8672	1439.72	2	64.55	7.40E-07	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3271.3271.2.dta
SXPFKXSPLXFR 4 4 5 0 891	1	481.5788	1441.715	3	26.99	0.013	SGPFKGSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2652.2652.3.dta
SXPFKXSPLXFR 0 8 5 0 171	1	749.8959	1497.777	2	19.93	0.015	SAPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2968.2968.2.dta
SXPFKXSPLXFR 6 8 0 1 1362	1	482.2469	1443.719	3	35.08	0.0013	SVPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2723.2723.3.dta
SXPFKXSPLXFR 7 5 0 0 1501	1	500.9261	1499.756	3	51.93	1.10E-05	STPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2884.2884.3.dta
SXPFKXSPLXFR 9 0 9 0 1819	1	806.8831	1611.752	2	29.42	0.0027	SVPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2742.2742.2.dta
GPSGXVSAQLXR 0 7 4 0 149	1	640.8045	1279.595	2	25.92	0.013	GPSGAVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1969.1969.2.dta
GPSGXVSAQLXR 8 5 7 1 1716	1	668.8484	1335.682	2	33.19	0.003	GPSGVVSAQLTK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2936.2936.2.dta
SXPFKXSPLXFR 9 4 2 0 1885	1	782.8648	1563.715	2	37.44	0.001	SVPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2707.2707.2.dta
SXPFKXSPLXFR 9 9 6 0 1993	1	814.8805	1627.746	2	32.41	0.0018	SVPFKSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2779.2779.2.dta
SXPFKXSPLXFR 3 3 3 1 668	1	543.6029	1627.787	3	48.81	2.00E-05	SFPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3571.3571.3.dta
SXPFKXSPLXFR 3 0 4 1 610	1	488.2434	1461.708	3	72.91	6.90E-08	SFPFKASPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2798.2798.3.dta
SXPFKXSPLXFR 2 2 9 0 459	1	818.8754	1635.736	2	52.03	2.00E-05	SEPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2549.2549.2.dta
SXPFKXSPLXFR 0 2 5 0 51	1	764.8829	1527.751	2	30.13	0.0042	SAPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2620.2620.2.dta
SXPFKXSPLXFR 7 5 8 0 1517	1	764.9012	1527.788	2	20.3	0.014	STPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3025.3025.2.dta
SXPFKXSPLXFR 9 2 9 1 1860	1	548.2576	1641.751	3	50.41	9.10E-06	SVPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2621.2621.3.dta
SXPFKXSPLXFR 7 0 1 1 1404	1	737.8538	1473.693	2	30.01	0.0069	STPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2548.2548.2.dta
SXPFKXSPLXFR 1 3 1 0 263	1	796.8623	1591.71	2	38.96	0.00055	SDFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3154.3154.4.dta
SXPFKXSPLXFR 6 9 2 0 1385	1	532.2491	1593.726	3	31	0.0044	SSPFKSSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2710.2710.3.dta
GPSGXVSAQLXR 5 3 5 0 1071	1	712.8698	1423.725	2	69.85	1.00E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3514.3514.2.dta
SXPFKXSPLXFR 9 8 3 1 1968	1	532.9345	1595.782	3	61.81	9.90E-07	SVPFKVSPFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3090.3090.3.dta
SXPFKXSPLXFR 0 8 8 0 177	1	495.5944	1483.761</							

SXPFXKSPXLXFR 5 0 4 0 1009	1	728.8723	1455.73	2	37.21	0.00066	SLPFKASPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2722.2722.2.dta
GPSGXVSAQQLXR 3 3 5 0 671	1	729.8619	1457.709	2	32.44	0.0015	GPSGFVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3483.3483.2.dta
SXPFXKSPXLXFR 6 9 4 0 1389	1	508.242	1521.704	3	40.12	0.00035	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2692.2692.3.dta
GPSGXVSAQQLXR 2 1 1 0 423	1	705.7997	1409.585	2	53.18	1.60E-05	GPSGVEVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2014.2014.2.dta
SXPFXKSPXLXFR 5 7 8 0 1157	1	764.9011	1527.788	2	35.98	0.00039	SLPFKTSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2831.2831.2.dta
GPSGXVSAQQLXR 4 6 8 0 937	1	647.8123	1293.61	2	57.49	1.00E-05	GPSGVSVAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1932.1932.2.dta
GPSGXVSAQQLXR 5 5 9 1 1120	1	706.8641	1411.714	2	42.73	0.00022	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3312.3312.2.dta
SXPFXKSPXLXFR 6 0 8 0 1217	1	491.5823	1471.725	3	32.86	0.0018	SSPFXKSPPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2587.2587.3.dta
GPSGXVSAQQLXR 9 5 3 0 1907	1	737.8594	1473.704	2	45.2	0.00011	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3410.3410.2.dta
GPSGXVSAQQLXR 3 5 9 0 719	1	737.8594	1473.704	2	39.77	0.00038	GPSGFVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3149.3149.2.dta
SXPFXKSPXLXFR 4 0 9 1 820	1	493.575	1477.703	3	57.27	1.20E-05	SGPFKASPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2533.2533.3.dta
GPSGXVSAQQLXR 5 6 5 0 1131	1	682.8514	1363.688	2	61.01	3.00E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2873.2873.2.dta
GPSGXVSAQQLXR 0 5 8 1 118	1	653.8431	1305.672	2	33.76	0.0018	GPSGAVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2850.2850.2.dta
SXPFXKSPXLXFR 8 8 0 0 1761	1	742.8879	1483.761	2	24.6	0.0052	SVPPFKVSPPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2802.2802.2.dta
SXPFXKSPXLXFR 2 1 5 1 432	1	772.8748	1543.735	2	25.54	0.0063	SEPFKDSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2474.2474.2.dta
GPSGXVSAQQLXR 3 5 4 0 709	1	684.8384	1367.662	2	40.48	0.00038	GPSGFVSAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2993.2993.2.dta
SXPFXKSPXLXFR 9 1 5 0 1831	1	803.8882	1605.762	2	35.82	0.0012	SYPPFKDSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2812.2812.2.dta
SXPFXKSPXLXFR 4 0 4 1 810	1	458.2276	1371.661	3	28.39	0.0041	SGPFKASPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4879.4879.3.dta
SXPFXKSPXLXFR 6 9 4 1 1390	1	747.8563	1493.698	2	29.94	0.0086	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2626.2626.2.dta
SXPFXKSPXLXFR 5 0 8 0 1017	1	749.8958	1497.777	2	44.41	5.40E-05	SLPFKASPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2828.2828.2.dta
SXPFXKSPXLXFR 1 5 1 0 303	1	779.87	1557.725	2	45.71	0.00021	SDPFLKSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3068.3068.2.dta
GPSGXVSAQQLXR 0 5 5 1 112	1	660.8509	1319.687	2	52.58	1.80E-05	GPSGAVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3091.3091.2.dta
SXPFXKSPXLXFR 4 5 4 0 909	1	721.8644	1441.714	2	32.08	0.004	SGPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2873.2873.2.dta
SXPFXKSPXLXFR 7 6 2 1 1526	1	502.2418	1503.704	3	62.11	1.20E-06	STPFKSSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2359.2359.3.dta
SXPFXKSPXLXFR 3 3 4 0 669	1	522.9225	1565.746	3	46.31	2.30E-05	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3316.3316.3.dta
SXPFXKSPXLXFR 0 6 9 1 140	1	754.8641	1507.714	2	27.75	0.014	SAPFKSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2418.2418.2.dta
SXPFXKSPXLXFR 2 2 8 0 457	1	524.921	1571.741	3	68.02	1.20E-06	SEPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2552.2552.3.dta
SXPFXKSPXLXFR 2 8 7 1 576	1	506.2539	1515.74	3	34.95	0.0013	SEPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2732.2732.3.dta
SXPFXKSPXLXFR 7 2 9 1 1460	1	790.8748	1579.735	2	23.37	0.0062	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2483.2483.2.dta
SXPFXKSPXLXFR 4 5 9 1 920	1	507.5906	1519.75	3	54.96	1.40E-05	SGPFKLSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2925.2925.3.dta
SXPFXKSPXLXFR 4 7 1 1 944	1	487.5664	1459.677	3	42.65	0.00033	SGPFKTSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2542.2542.3.dta
SXPFXKSPXLXFR 0 9 9 1 200	1	792.8798	1583.745	2	26.19	0.01	SAPFKYSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2726.2726.2.dta
GPSGXVSAQQLXR 9 3 9 0 1879	1	762.849	1523.683	2	30.3	0.006	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3382.3382.2.dta
GPSGXVSAQQLXR 8 5 5 1 1712	1	674.8665	1347.719	2	38.21	0.00045	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3292.3292.2.dta
SXPFXKSPXLXFR 9 1 9 0 1839	1	828.8779	1655.741	2	30.36	0.0023	SYPPFKDSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2701.2701.2.dta
SXPFXKSPXLXFR 2 2 2 0 445	1	801.8649	1601.715	2	39.21	0.00032	SEPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2484.2484.2.dta
SXPFXKSPXLXFR 6 6 4 1 1330	1	473.5628	1417.667	3	42.38	0.00028	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2170.2170.3.dta
GPSGXVSAQQLXR 9 1 8 0 1837	1	714.8307	1427.647	2	33.99	0.002	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2453.2453.2.dta
GPSGXVSAQQLXR 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
SXPFXKSPXLXFR 4 4 0 1 882	1	458.2276	1371.661	3	23.9	0.012	SGPFKGSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4746.4746.2.dta
SXPFXKSPXLXFR 0 1 8 0 37	1	750.8672	1499.72	2	46.34	0.00015	SAPFKDSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2532.2532.2.dta
SXPFXKSPXLXFR 4 2 9 0 859	1	522.2455	1563.715	3	48.23	8.70E-05	SGPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2548.2548.3.dta
SXPFXKSPXLXFR 4 3 5 1 872	1	752.8848	1503.755	2	34.42	0.00065	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3131.3131.2.dta
GPSGXVSAQQLXR 1 9 1 0 383	1	722.81	1443.605	2	43.73	0.00015	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2188.2188.2.dta
GPSGXVSAQQLXR 9 1 1 0 1823	1	722.81	1443.605	2	38.05	0.00054	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2226.2226.2.dta
GPSGXVSAQQLXR 8 4 5 0 1691	1	660.8383	1319.662	2	76.72	3.50E-08	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2657.2657.2.dta
GPSGXVSAQQLXR 4 5 8 0 917	1	660.8383	1319.662	2	69.28	1.90E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2969.2969.2.dta
SXPFXKSPXLXFR 7 6 0 1 1522	1	482.9066	1445.698	3	39.49	0.00056	STPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2391.2391.3.dta
SXPFXKSPXLXFR 2 2 9 0 459	1	546.2526	1635.736	3	47.23	6.00E-05	SEPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2551.2551.3.dta
SXPFXKSPXLXFR 1 9 3 0 387	1	820.8804	1639.746	2	30.56	0.002	SDPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3056.3056.2.dta
SXPFXKSPXLXFR 7 8 2 1 1566	1	758.8772	1515.74	2	25.82	0.011	STPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2633.2633.2.dta
GPSGXVSAQQLXR 1 2 9 0 259	1	729.8178	1457.621	2	29.93	0.0042	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5105.5105.2.dta
SXPFXKSPXLXFR 5 6 0 1 1122	1	486.9187	1457.734	3	44.94	0.00014	SLPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2603.2603.3.dta
SXPFXKSPXLXFR 0 6 6 0 133	1	487.5701	1459.688	3	29.62	0.0044	SAPFKSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2228.2228.3.dta
GPSGXVSAQQLXR 8 5 8 1 1718	1	667.8586	1333.703	2	37.17	0.00078	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3054.3054.2.dta
GPSGXVSAQQLXR 2 2 9 0 459	1	736.8256	1471.637	2	52.4	3.20E-05	GPSGVEVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2254.2254.2.dta
SXPFXKSPXLXFR 0 8 4 1 170	1	707.8613	1413.708	2	24.49	0.0091	SAPFKYSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2677.2677.2.dta
SXPFXKSPXLXFR 0 2 2 0 45	1	772.8621	1543.71	2	39.06	0.00096	SAPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2435.2435.2.dta
GPSGXVSAQQLXR 0 5 3 1 108	1	677.843	1353.672	2	43.95	0.00015	GPSGAVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3244.3244.2.dta
SXPFXKSPXLXFR 2 0 0 0 401	1	496.2419	1485.704	3	48.79	6.90E-05	SEPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2507.2507.3.dta
SXPFXKSPXLXFR 1 1 5 0 231	1	520.249	1557.725	3	40.59	0.00068	SDPFKDSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2815.2815.3.dta
GPSGXVSAQQLXR 9 2 6 0 1853	1	715.8203	1429.626	2	43.22	0.00029	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2023.2023.2.dta
GPSGXVSAQQLXR 3 3 5 1 672	1	715.8587	1429.703	2	36.46	0.00084	GPSGFVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3449.3449.2.dta
SXPFXKSPXLXFR 9 2 3 1 1848	1	813.8851	1625.756	2	27.02	0.003	SYPPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2814.2814.2.dta
SXPFXKSPXLXFR 7 5 0 0 1501	1	750.8853	1499.756	2	31.38	0.0013	STPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2882.2882.2.dta
SXPFXKSPXLXFR 7 5 8 1 1518	1	750.8979	1499.781	2	35.83	0.00063	STPFKLSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2993.2993.2.dta
SXPFXKSPXLXFR 6 3 3 1 1268	1	784.8823	1567.75	2	25.76	0.007	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3228.3228.2.dta
SXPFXKSPXLXFR 6 1 1 1 1224	1	502.2296	1503.667	3	55.12	8.20E-06	SSPFXKSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2525.2525.3.dta
SXPFXKSPXLXFR 2 2 8 0 457	1	786.8777	1571.741	2	35.72	0.002	SEPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2544.2544.2.dta
SXPFXKSPXLXFR 9 7 9 0 1959	1	548.2612	1641.762	3	23.72	0.0083	SYPPFKTSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2755.2755.3.dta
SXPFXKSPXLXFR 5 9 6 0 1193	1	789.8906	1577.767	2	24.59	0.0094	SLPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2892.2892.2.dta
GPSGXVSAQQLXR 5 8 3 1 1168	1	691.8586	1381.703	2	47.61	6.20E-05	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3378.3378.2.dta
SXPFXKSPXLXFR 3 5 0 1 702	1	759.8926	1517.771	2	33.41	0.00062	STPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3195.3195.2.dta
GPSGXVSAQQLXR 6 5 8 1 1318	1	661.8404	1321.666	2	41.26	0.00042	GPSGVVSAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2789.2789.2.dta
SXPFXKSPXLXFR 5 9 9 0 1199	1	552.2733	1653.798	3	70.61	8.70E-08	SLPFXKSPPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2950.2950.3.dta
SXPFXKSPXLXFR 6 0 9 0 1219	1	512.9138	1535.72	3	54.12	1.90E-05	SSPFXKSPPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2612.2612.3.dta
SXPFXKSPXLXFR 0 8 1 1 164	1	491.5784	1471.714	3	53.02	3.10E-05	SAPFKVSPPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2747.2747.3.dta
GPSGXVSAQQLXR 9 4 9 1 1900	1	703.8223	1405.63	2	50.2	7.60E-05	GPSGVVSAQLYR	Phospho (ST)	0.000	

GPSGXVSAQLXR 6 9 0 0 1381	1	686.8174	1371.62	2	59.85	5.40E-06	GPSGVSVAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2290.2290.2.dta
GPSGXVSAQLXR 0 4 4 0 89	1	618.7911	1235.568	2	51.8	0.00011	GPSGAVSQAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1976.1976.2.dta
SXPFKXSPLXFGR 3 3 8 1 678	1	790.9005	1579.786	2	22.37	0.0064	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3404.3404.2.dta
SXPFKXSPLXFGR 5 5 0 0 1101	1	504.938	1511.792	3	25.22	0.0003	SLPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3141.3141.3.dta
SXPFKXSPLXFGR 0 6 0 0 121	1	482.2384	1443.693	3	32.79	0.0022	SAPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2188.2188.3.dta
SXPFKXSPLXFGR 7 3 3 1 1468	1	791.8901	1581.766	2	21.16	0.0092	STPFKSPFLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3223.3223.2.dta
SXPFKXSPLXFGR 7 2 0 0 1441	1	758.8645	1515.715	2	27.78	0.0096	STPFKESPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2540.2540.2.dta
GPSGXVSAQLXR 6 4 1 0 1283	1	655.7914	1309.568	2	51.26	4.30E-05	GPSGVSVAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1857.1857.2.dta
SXPFKXSPLXFGR 4 3 4 1 870	1	724.8534	1447.692	2	37.67	0.00021	SGPFKSPGLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2907.2907.2.dta
SXPFKXSPLXFGR 9 1 9 0 1839	1	552.9209	1655.741	3	62.51	1.40E-06	SYPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2712.2712.3.dta
SXPFKXSPLXFGR 9 1 9 0 1839	1	552.9209	1655.741	3	34.5	0.00087	SYPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2831.2831.3.dta
SXPFKXSPLXFGR 5 5 5 1 1112	1	763.9238	1525.833	2	26.31	0.0023	SLPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3418.3418.2.dta
GPSGXVSAQLXR 4 9 3 1 988	1	695.8248	1389.635	2	35.73	0.0022	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2876.2876.2.dta
SXPFKXSPLXFGR 6 6 0 0 1321	1	487.57	1459.688	3	32.21	0.0024	SSPFKSPSLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2210.2210.3.dta
SXPFKXSPLXFGR 2 5 3 0 507	1	535.6014	1603.782	3	52.74	1.30E-05	SEPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3250.3250.2.dta
SXPFKXSPLXFGR 9 9 9 1 2000	1	838.8928	1675.771	2	24.69	0.0061	SYPFKSPSLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2804.2804.2.dta
SXPFKXSPLXFGR 0 1 0 0 21	1	736.8514	1471.688	2	36.65	0.0011	SAPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2442.2442.2.dta
SXPFKXSPLXFGR 0 3 5 0 71	1	773.8956	1545.777	2	26.83	0.0021	SAPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3175.3175.2.dta
SXPFKXSPLXFGR 4 3 4 0 869	1	738.8564	1475.698	2	39.72	0.00035	SGPFKSPGLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2963.2963.2.dta
SXPFKXSPLXFGR 4 3 4 0 869	1	738.8564	1475.698	2	23.75	0.014	SGPFKSPGLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2945.2945.2.dta
GPSGXVSAQLXR 6 5 5 1 1312	1	668.8482	1335.682	2	33.76	0.0026	GPSGVSVAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3015.3015.2.dta
SXPFKXSPLXFGR 5 9 2 0 1185	1	540.933	1619.777	3	23.35	0.014	SLPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2891.2891.3.dta
SXPFKXSPLXFGR 4 0 3 0 807	1	497.5786	1489.714	3	24	0.01	SLPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2833.2833.2.dta
SXPFKXSPLXFGR 0 1 9 0 39	1	782.8645	1563.715	2	30.95	0.0047	SAPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2558.2558.2.dta
GPSGXVSAQLXR 5 3 5 0 1071	1	712.8695	1423.725	2	61.69	6.80E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3464.3464.2.dta
GPSGXVSAQLXR 9 9 3 1 1988	1	748.8458	1495.677	2	28.11	0.015	GPSGYVSAQLFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4733.4733.2.dta
SXPFKXSPLXFGR 7 5 8 1 1518	1	750.8978	1499.781	2	34	0.00096	STPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2976.2976.2.dta
SXPFKXSPLXFGR 5 5 6 1 1114	1	500.9343	1499.781	3	22.44	0.014	SLPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3084.3084.3.dta
SXPFKXSPLXFGR 2 2 2 1 446	1	787.8616	1573.709	2	20.5	0.014	SEPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2437.2437.2.dta
SXPFKXSPLXFGR 3 3 7 1 676	1	528.2625	1581.766	3	28.36	0.0018	SFPFKSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3291.3291.3.dta
SXPFKXSPLXFGR 2 9 6 0 593	1	532.249	1593.725	3	36.94	0.0011	SEPFKSPSLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2700.2700.3.dta
GPSGXVSAQLXR 5 5 4 1 1110	1	653.8428	1305.671	2	45.71	0.00012	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2064.3064.2.dta
SXPFKXSPLXFGR 4 9 9 0 999	1	799.8749	1597.735	2	26.49	0.0037	SGPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2741.2741.2.dta
SXPFKXSPLXFGR 7 3 9 1 1480	1	533.5941	1597.76	3	33.25	0.0012	STPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3008.3008.3.dta
SXPFKXSPLXFGR 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
SXPFKXSPLXFGR 5 2 3 0 1047	1	802.8984	1603.782	2	31.15	0.0019	SLPFKSPFLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2935.2935.2.dta
GPSGXVSAQLXR 1 4 9 0 299	1	693.8071	1385.6	2	45.85	9.80E-05	GPSGDVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2171.2171.2.dta
SXPFKXSPLXFGR 7 6 6 1 1534	1	488.2381	1461.693	3	41.22	0.00048	STPFKSPSLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2356.2356.3.dta
GPSGXVSAQLXR 5 5 5 0 1111	1	695.8773	1389.74	2	58.8	2.60E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3738.3738.2.dta
SXPFKXSPLXFGR 4 3 3 1 868	1	769.8768	1537.739	2	26.38	0.0023	SFPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3220.3220.3.dta
SXPFKXSPLXFGR 9 0 9 0 1819	1	806.8827	1611.751	2	44.13	9.30E-05	SYPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2715.2715.2.dta
SXPFKXSPLXFGR 0 0 5 0 11	1	735.8799	1469.745	2	23.17	0.0051	SAPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2720.2720.2.dta
SXPFKXSPLXFGR 2 2 7 1 456	1	516.2452	1545.714	3	25.82	0.0026	SEPFKESPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2239.2239.3.dta
GPSGXVSAQLXR 0 6 0 1 122	1	626.8011	1251.588	2	24.56	0.015	GPSGAVSQAQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.5311.5311.2.dta
SXPFKXSPLXFGR 9 6 9 0 1939	1	814.8802	1627.746	2	38.7	0.00042	SYPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2628.2628.2.dta
SXPFKXSPLXFGR 8 2 5 0 1651	1	778.8983	1555.782	2	32.21	0.0022	SYPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2719.2719.2.dta
GPSGXVSAQLXR 2 3 5 1 472	1	706.8456	1411.677	2	32.92	0.0019	GPSGEVSAQLLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3074.3074.2.dta
SXPFKXSPLXFGR 9 5 0 0 1901	1	521.5978	1561.772	3	33.95	0.0011	STPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3011.3011.3.dta
SXPFKXSPLXFGR 8 9 9 0 1799	1	820.8984	1639.782	2	33.78	0.00042	SVPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2805.2805.2.dta
SXPFKXSPLXFGR 0 9 0 1 182	1	498.2467	1491.718	3	33.4	0.0026	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2937.2937.3.dta
SXPFKXSPLXFGR 5 0 8 0 1017	1	500.2661	1497.777	3	55.52	4.20E-06	SLPFKASPLVGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2832.2832.3.dta
SXPFKXSPLXFGR 0 8 5 0 171	1	749.8955	1497.777	2	29.19	0.0018	SAPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2951.2951.2.dta
SXPFKXSPLXFGR 4 9 3 0 987	1	528.254	1581.74	3	50.75	8.40E-06	SGPFKSPFLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2952.2952.3.dta
GPSGXVSAQLXR 4 6 9 0 939	1	453.5421	1357.605	3	36.17	0.00065	GPSGVSVAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1951.1951.3.dta
SXPFKXSPLXFGR 6 2 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
GPSGXVSAQLXR 0 8 3 0 167	1	684.8381	1367.662	2	40.12	0.00041	GPSGAVSQAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2866.2866.2.dta
SXPFKXSPLXFGR 4 3 4 1 870	1	483.5713	1447.692	3	43.12	5.90E-05	SGPFKSPGLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2909.2909.3.dta
SXPFKXSPLXFGR 1 5 5 1 312	1	510.2659	1527.776	3	60.47	3.90E-06	SDPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3287.3287.3.dta
SXPFKXSPLXFGR 1 5 5 1 312	1	764.8952	1527.776	2	24.72	0.014	SDPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3285.3285.2.dta
SXPFKXSPLXFGR 5 9 1 0 1183	1	536.261	1605.761	3	52.09	2.90E-05	SLPFKSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2957.2957.3.dta
SXPFKXSPLXFGR 0 3 5 0 71	1	516.2661	1545.777	3	48.71	1.30E-05	SAPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3170.3170.3.dta
SXPFKXSPLXFGR 0 5 3 0 107	1	516.2661	1545.777	3	20.34	0.0092	SAPFKSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3518.3518.3.dta
SXPFKXSPLXFGR 6 8 8 1 1378	1	736.882	1471.75	2	24.76	0.0084	SSPFKSPSLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2817.2817.2.dta
SXPFKXSPLXFGR 3 3 0 1 662	1	518.2589	1551.755	3	36.74	0.00022	SFPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3277.3277.3.dta
GPSGXVSAQLXR 8 8 8 1 1778	1	660.8506	1319.687	2	43.22	0.00015	GPSGVSVAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2812.2812.2.dta
SXPFKXSPLXFGR 0 3 0 1 62	1	738.8689	1475.723	2	18.86	0.013	SAPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2906.2906.2.dta
SXPFKXSPLXFGR 5 5 1 0 1103	1	519.6013	1555.782	3	47.01	7.20E-05	SLPFKSPDLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3211.3211.3.dta
SXPFKXSPLXFGR 2 6 2 0 525	1	520.9086	1559.704	3	43.47	0.00032	SEPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2231.2231.3.dta
SXPFKXSPLXFGR 4 9 6 1 994	1	498.9064	1493.698	3	60.29	8.20E-06	SGPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2643.2643.3.dta
SXPFKXSPLXFGR 6 4 4 0 1289	1	708.8381	1415.662	2	39.81	0.00055	SSPFKSPGLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2389.2389.2.dta
SXPFKXSPLXFGR 2 2 2 1 446	1	525.5768	1573.709	3	52.6	8.80E-06	SEPFKESPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2447.2447.3.dta
SXPFKXSPLXFGR 3 5 8 0 717	1	525.6099	1573.808	3	22.2	0.006	SFPFKLSPLVGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3431.3431.3.dta
SXPFKXSPLXFGR 3 3 0 0 661	1	527.5942	1579.761	3	42.94	6.10E-05	SFPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3315.3315.3.dta
GPSGXVSAQLXR 5 5 3 0 1107	1	712.8694	1423.724	2	44.49	3.60E-05	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3652.3652.2.dta
GPSGXVSAQLXR 6 4 8 1 1298	1	633.8089	1265.603	2	25.09	0.0042	GPSGVSVAQLVK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2293.2293.2.dta
GPSGXVSAQLXR 1 9 7 0 395	1	715.8201	1429.626	2	60.04	6.10E-06	GPSGDVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2384.2384.2.dta
SXPFKXSPLXFGR 4 6 0 0 921	1	477.5664	1429.677	3	35.18	0.0019	SGPFKSPSLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2205.2205.3.dta
SXPFKXSPLXFGR 9 7 3 1 1948	1	533.594	1597.76	3	30.13	0.0024	SYPFKTSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2602.2602.3.dta
SXPFKXSPLXFGR 6 4 0 0 1389	1	761.8591	1521.704	2	33.99	0.				

GPSGXVSAQQLXR 0 1 7 0 35	1	446.8737	1337.599	3	42.67	0.00026	GPSGAVSDAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1982.1982.3.dta
SXPFFKXSPXLFGR 6 3 4 0 1269	1	502.9102	1505.709	3	55.39	8.70E-06	SSPFKFSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2977.2977.3.dta
SXPFFKXSPXLFGR 1 3 1 0 263	1	531.577	1591.709	3	53.06	2.20E-05	SDPFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3155.3155.3.dta
SXPFFKXSPXLFGR 0 5 4 1 110	1	714.8688	1427.723	2	34.39	0.00087	SAPFKLSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2842.2842.3.dta
GPSGXVSAQQLXR 5 0 5 0 1011	1	674.8536	1347.693	2	72.33	5.80E-08	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3144.3144.2.dta
SXPFFKXSPXLFGR 4 8 3 0 967	1	506.9223	1517.745	3	29.15	0.0012	SGPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3048.3048.3.dta
SXPFFKXSPXLFGR 2 9 8 0 597	1	536.261	1605.761	3	31.09	0.0037	SEPFKYSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2801.2801.3.dta
GPSGXVSAQQLXR 0 5 3 1 108	1	677.8428	1353.671	2	30.68	0.0032	GPSGAVSQAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3203.3203.2.dta
SXPFFKXSPXLFGR 4 5 4 0 909	1	481.5785	1441.714	3	71.84	4.20E-07	SGPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2635.2635.3.dta
SXPFFKXSPXLFGR 9 9 6 0 1993	1	543.5891	1627.746	3	33.19	0.0015	SYPFKYSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2815.2815.3.dta
GPSGXVSAQQLXR 9 0 1 1 1804	1	686.8116	1371.609	2	34.66	0.0024	GPSGVYSAQQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4924.4924.2.dta
SXPFFKXSPXLFGR 0 3 5 0 71	1	516.2661	1545.776	3	18.82	0.013	SAPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3153.3153.3.dta
SXPFFKXSPXLFGR 4 0 3 1 808	1	731.861	1461.708	2	28.12	0.0025	SGPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2804.2804.2.dta
SXPFFKXSPXLFGR 2 9 2 0 585	1	818.8749	1635.735	2	43.11	0.00015	SEPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2709.2709.2.dta
GPSGXVSAQQLXR 3 0 5 0 611	1	691.8458	1381.677	2	29.29	0.0018	GPSGVYSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3046.3046.2.dta
SXPFFKXSPXLFGR 5 6 5 1 1314	1	492.2501	1473.729	3	59.06	4.80E-06	SSPFKLSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2859.2859.3.dta
SXPFFKXSPXLFGR 4 2 9 0 859	1	522.2453	1563.714	3	42.28	0.00034	SGPFKESPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2569.2569.3.dta
SXPFFKXSPXLFGR 5 5 2 0 1105	1	524.2731	1569.797	3	64.36	1.00E-06	SLPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3150.3150.3.dta
SXPFFKXSPXLFGR 7 0 8 0 1417	1	743.8772	1485.74	2	27.35	0.0061	STPFKASPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2626.2626.2.dta
SXPFFKXSPXLFGR 2 2 2 1 446	1	787.8614	1573.708	2	22.92	0.0082	SEPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2462.2462.2.dta
SXPFFKXSPXLFGR 3 0 4 0 609	1	745.8641	1489.714	2	29.91	0.0026	SYPFKASPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2835.2835.2.dta
GPSGXVSAQQLXR 5 0 5 1 1012	1	660.8505	1319.687	2	54.02	1.30E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3120.3120.2.dta
SXPFFKXSPXLFGR 0 5 8 0 117	1	749.8954	1497.776	2	39.15	0.00018	SAPFKLSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2986.2986.2.dta
SXPFFKXSPXLFGR 6 4 4 0 1289	1	708.838	1415.662	2	40.94	0.00042	SSPFKGSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2427.2427.2.dta
SXPFFKXSPXLFGR 0 5 3 1 108	1	506.9306	1517.77	3	67.77	2.80E-07	SAPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3178.3178.3.dta
SXPFFKXSPXLFGR 3 8 3 0 767	1	804.9033	1607.792	2	36.16	0.00039	SYPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3403.3403.2.dta
GPSGXVSAQQLXR 2 5 3 0 507	1	720.8486	1439.683	2	55.55	9.10E-06	GPSGEVSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3372.3372.2.dta
SXPFFKXSPXLFGR 3 3 4 1 670	1	513.5869	1537.739	3	39.55	0.00011	SFPFKSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3286.3286.3.dta
SXPFFKXSPXLFGR 0 2 2 0 45	1	515.5769	1543.709	3	57.29	1.40E-05	SAPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2438.2438.3.dta
SXPFFKXSPXLFGR 4 5 0 0 901	1	486.2503	1455.729	3	34.89	0.0011	SGPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2877.2877.3.dta
SXPFFKXSPXLFGR 0 5 4 0 109	1	728.8718	1455.729	2	29.31	0.004	SAPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2874.2874.2.dta
SXPFFKXSPXLFGR 7 5 3 1 1508	1	774.8976	1547.781	2	30.12	0.003	STPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3194.3194.2.dta
SXPFFKXSPXLFGR 7 6 6 1 1534	1	488.238	1461.692	3	35.13	0.0002	STPFKLSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2198.2198.3.dta
GPSGXVSAQQLXR 9 0 1 1 1804	1	686.8116	1371.609	2	29.66	0.0075	GPSGVYSAQQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4632.4632.2.dta
SXPFFKXSPXLFGR 1 5 5 0 311	1	778.8981	1555.782	2	57.68	6.10E-06	SDPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3346.3346.2.dta
SXPFFKXSPXLFGR 9 9 1 0 1983	1	828.8774	1655.74	2	24.44	0.0088	SYPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2835.2835.2.dta
SXPFFKXSPXLFGR 8 3 5 0 1671	1	787.911	1573.808	2	43.33	4.60E-05	SVPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3283.3283.2.dta
SXPFFKXSPXLFGR 6 6 2 1 1326	1	497.5696	1489.687	3	80.55	2.70E-08	SSPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2366.2366.3.dta
SXPFFKXSPXLFGR 4 0 3 0 807	1	497.5784	1489.714	3	26.73	0.0054	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2813.2813.3.dta
SXPFFKXSPXLFGR 5 9 3 1 1188	1	537.606	1609.796	3	20.88	0.0098	SPLPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3292.3292.3.dta
SXPFFKXSPXLFGR 9 0 9 0 1819	1	538.2574	1611.75	3	55.1	7.40E-06	SYPFKASPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2717.2717.3.dta
SXPFFKXSPXLFGR 0 8 0 1 162	1	714.8687	1427.723	2	30.66	0.0034	SAPFKVSPALFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2826.2826.2.dta
SXPFFKXSPXLFGR 6 4 8 1 1298	1	715.8583	1429.702	2	31.17	0.0049	SAPFKVSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2675.2675.2.dta
SXPFFKXSPXLFGR 2 1 9 0 439	1	541.5804	1621.72	3	44	0.0002	SEPFKDSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2575.2575.3.dta
GPSGXVSAQQLXR 3 1 2 0 625	1	721.8199	1441.625	2	55.58	1.40E-05	GPSGVYSDAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2443.2443.2.dta
SXPFFKXSPXLFGR 9 3 1 0 1863	1	547.5891	1639.745	3	24.37	0.0082	SYPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3147.3147.3.dta
GPSGXVSAQQLXR 6 5 5 0 1311	1	682.851	1363.688	2	46.16	9.20E-05	GPSGVYSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3067.3067.2.dta
GPSGXVSAQQLXR 6 2 8 0 1257	1	683.8224	1365.63	2	40.9	0.00039	GPSGVYSEQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2210.2210.2.dta
GPSGXVSAQQLXR 9 6 9 0 1939	1	732.8303	1463.646	2	71.27	3.70E-07	GPSGVYSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2371.2371.2.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
SXPFFKXSPXLFGR 3 9 3 0 787	1	558.2695	1671.787	3	48.65	2.00E-05	SFPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3292.3292.3.dta
SXPFFKXSPXLFGR 4 4 4 0 889	1	693.8326	1385.651	2	38.68	0.00083	SGPFKGSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2442.2442.2.dta
SXPFFKXSPXLFGR 5 5 6 1 1114	1	500.9341	1499.78	3	67.55	4.70E-07	SLPFKLSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3096.3096.3.dta
SXPFFKXSPXLFGR 0 6 4 1 130	1	468.2309	1401.671	3	52.69	5.00E-05	SAPFKSPLGFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2315.2315.3.dta
SXPFFKXSPXLFGR 9 9 9 0 1999	1	568.9328	1703.777	3	51.7	6.80E-06	SYPFKYSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2845.2845.3.dta
SXPFFKXSPXLFGR 5 9 5 0 1191	1	802.9163	1603.818	2	19.67	0.011	SLPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3386.3386.2.dta
SXPFFKXSPXLFGR 4 5 3 1 908	1	752.8844	1503.754	2	30.03	0.0021	SYPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3511.3511.2.dta
SXPFFKXSPXLFGR 9 7 2 0 1945	1	804.8773	1607.74	2	41.76	0.00029	SYPFKSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2644.2644.2.dta
GPSGXVSAQQLXR 2 3 1 1 464	1	707.8168	1413.619	2	25.64	0.013	GPSGEVSAQQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4908.4908.2.dta
SXPFFKXSPXLFGR 2 1 9 0 439	1	811.8669	1621.719	2	29.63	0.0054	SEPFKDSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2573.2573.2.dta
SXPFFKXSPXLFGR 9 9 6 0 1993	1	543.589	1627.745	3	64.02	1.20E-06	SYPFKYSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2787.2787.3.dta
SXPFFKXSPXLFGR 0 2 5 0 51	1	510.2573	1527.75	3	38.83	0.00056	SAPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2637.2637.3.dta
GPSGXVSAQQLXR 6 7 1 1 1344	1	663.8011	1325.588	2	30.69	0.0028	GPSGSVSTAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1960.1960.2.dta
GPSGXVSAQQLXR 5 0 5 0 1011	1	674.8535	1347.693	2	72.27	5.90E-08	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2969.2969.2.dta
GPSGXVSAQQLXR 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
SXPFFKXSPXLFGR 9 9 3 1 1988	1	554.2657	1659.775	3	55.87	5.80E-06	SYPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3002.3002.3.dta
SXPFFKXSPXLFGR 8 1 2 0 1625	1	779.8694	1557.724	2	39.69	0.00084	SVPFKDSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2556.2556.2.dta
SXPFFKXSPXLFGR 4 0 5 0 811	1	486.2502	1455.729	3	34.8	0.0011	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2747.2747.3.dta
GPSGXVSAQQLXR 1 6 5 0 331	1	683.8224	1365.63	2	59.57	5.30E-06	GPSGDVYSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2448.2448.2.dta
GPSGXVSAQQLXR 9 5 3 0 1907	1	737.8588	1473.703	2	25.42	0.01	GPSGVYSAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.3366.3366.2.dta
SXPFFKXSPXLFGR 6 7 0 0 1341	1	492.2416	1473.703	3	25.3	0.011	SSPFTKSPALFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2297.2297.3.dta
GPSGXVSAQQLXR 7 3 0 0 1461	1	685.8275	1369.641	2	42.47	0.0001	GPSGTVYSAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2692.2692.2.dta
SXPFFKXSPXLFGR 9 3 3 0 1987	1	563.6011	1687.782	3	47.45	2.70E-05	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3047.3047.3.dta
SXPFFKXSPXLFGR 9 0 3 0 1807	1	798.8849	1595.755	2	35.37	0.00039	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2914.2914.2.dta
SXPFFKXSPXLFGR 9 9 9 0 1999	1	852.8955	1703.777	2	44.61	3.50E-05	SYPFKYSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2844.2844.2.dta
GPSGXVSAQQLXR 9 0 5 0 1811	1	699.8431	1397.672	2	45	8.50E-05	GPSGVYSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2778.2778.2.dta
SXPFFKXSPXLFGR 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
SXPFFKXSPXLFGR 4 3 6 0 873	1	502.91	1505.708	3	32.39	0.001				

GPSGXVSAQQLXR 0 5 0 111	1	674.8534	1347.692	2	26.43	0.0023	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.3142.3142.2.dta
SXPFKXSPXLFGR 0 1 0 0 21	1	491.5697	1471.687	3	59.15	6.30E-06	SAPFKDSPAFLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2443.2443.3.dta
GPSGXVSAQQLXR 1 5 0 0 301	1	675.8248	1349.635	2	37.75	0.00066	GPSGDVSLAQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4579.4579.2.dta
SXPFKXSPXLFGR 4 1 3 1 828	1	502.9062	1505.697	3	51.96	2.70E-05	SGPFKDSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2743.2743.3.dta
GPSGXVSAQQLXR 4 6 0 0 921	1	633.796	1265.578	2	50.83	7.10E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2009.2009.2.dta
GPSGXVSAQQLXR 9 3 9 0 1879	1	762.8484	1523.682	2	27.9	0.0097	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5020.5020.2.dta
SXPFKXSPXLFGR 5 6 0 0 1113	1	764.9004	1527.786	2	28.54	0.0022	SLPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3140.3140.2.dta
SXPFKXSPXLFGR 9 9 9 1 2000	1	559.5973	1675.77	3	58.88	2.30E-06	SYPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2807.2807.3.dta
SXPFKXSPXLFGR 8 3 5 0 1671	1	525.6096	1573.807	3	73.46	4.50E-08	SVPFKFSPLLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3284.3284.3.dta
GPSGXVSAQQLXR 4 4 3 0 887	1	656.8064	1311.598	2	75.24	1.40E-07	GPSGGVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2544.2544.2.dta
GPSGXVSAQQLXR 5 6 0 0 1121	1	661.8273	1321.64	2	67.95	4.40E-07	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2375.2375.2.dta
GPSGXVSAQQLXR 0 8 7 0 175	1	661.8273	1321.64	2	57.17	5.30E-06	GPSGAVSVAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2115.2115.2.dta
GPSGXVSAQQLXR 9 6 9 0 1939	1	732.8301	1463.646	2	38.52	0.00069	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5307.5307.2.dta
SXPFKXSPXLFGR 7 3 9 1 1480	1	533.5938	1597.759	3	56.47	5.50E-06	STPFKFSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2988.2988.3.dta
SXPFKXSPXLFGR 5 2 3 0 1047	1	535.601	1603.781	3	39.56	0.00028	SLPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2943.2943.3.dta
SXPFKXSPXLFGR 7 8 6 1 1574	1	492.2499	1473.728	3	39.31	0.00046	STPFKFSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2730.2730.3.dta
SXPFKXSPXLFGR 4 3 6 1 874	1	739.8582	1477.702	2	30.37	0.0065	SGPFKFSPLSFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2589.2589.2.dta
SXPFKXSPXLFGR 0 5 8 0 117	1	500.2658	1497.776	3	62.46	8.50E-07	SAPFKLSPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2990.2990.3.dta
SXPFKXSPXLFGR 1 6 6 0 333	1	502.2329	1503.677	3	24.36	0.012	SDPFKSSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2352.2352.3.dta
SXPFKXSPXLFGR 5 2 4 0 1049	1	757.8743	1513.734	2	34.63	0.0021	SLPFKESPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2659.2659.2.dta
GPSGXVSAQQLXR 3 9 9 0 799	1	762.8483	1523.682	2	31.84	0.0039	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3044.3044.2.dta
SXPFKXSPXLFGR 1 5 2 0 305	1	786.8771	1571.74	2	34.86	0.0024	SDPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3018.3018.2.dta
SXPFKXSPXLFGR 6 8 4 1 1370	1	715.8581	1429.702	2	27.58	0.011	SSPFKVSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2699.2699.2.dta
SXPFKXSPXLFGR 7 6 4 1 1530	1	716.8477	1431.681	2	30.69	0.0055	STPFKSSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2322.2322.2.dta
SXPFKXSPXLFGR 2 6 9 0 539	1	797.8693	1593.724	2	28.13	0.0085	SEPFKSSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2511.2511.2.dta
SXPFKXSPXLFGR 9 2 8 0 1857	1	803.8875	1605.76	2	44.54	0.00017	SYPFKESPLVFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2672.2672.2.dta
SXPFKXSPXLFGR 5 9 3 0 1187	1	546.9412	1637.802	3	31.07	0.0011	SLPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3171.3171.3.dta
SXPFKXSPXLFGR 6 5 6 0 1313	1	751.8743	1501.734	2	43.51	6.70E-05	SSPFKLSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2890.2890.2.dta
GPSGXVSAQQLXR 6 4 9 0 1299	1	679.8091	1357.604	2	46.81	5.60E-05	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1946.1946.2.dta
GPSGXVSAQQLXR 2 7 6 0 553	1	684.8118	1367.609	2	24.18	0.0092	GPSGEVSTAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.1876.1876.2.dta
SXPFKXSPXLFGR 0 0 9 0 19	1	760.869	1519.724	2	27.96	0.0043	SAPFKASPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2580.2580.2.dta
SXPFKXSPXLFGR 6 9 4 0 1389	1	761.8586	1521.703	2	32.78	0.0019	SSPFKYSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2666.2666.2.dta
SXPFKXSPXLFGR 6 3 5 1 1272	1	512.262	1533.764	3	54.16	1.60E-05	SYPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3149.3149.3.dta
SXPFKXSPXLFGR 9 3 0 0 1861	1	798.8846	1595.755	2	21.06	0.011	SSPFKFSPLAFLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3066.3066.2.dta
GPSGXVSAQQLXR 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
SXPFKXSPXLFGR 4 9 9 0 999	1	533.5853	1597.734	3	48.21	2.50E-05	SGPFKYSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2748.2748.3.dta
SXPFKXSPXLFGR 4 8 7 1 976	1	722.8659	1443.717	2	27.82	0.011	SSPFKVSPLTFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2878.2878.2.dta
GPSGXVSAQQLXR 9 6 3 0 1927	1	483.5575	1447.651	3	26.86	0.013	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2742.2742.3.dta
GPSGXVSAQQLXR 6 4 8 0 1297	1	647.8116	1293.609	2	77.81	9.40E-08	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2138.2138.2.dta
SXPFKXSPXLFGR 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
SXPFKXSPXLFGR 9 6 9 0 1939	1	543.5888	1627.745	3	30.27	0.0029	SYPFKSSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2671.2671.3.dta
SXPFKXSPXLFGR 6 5 4 0 1309	1	491.5817	1471.723	3	32.32	0.0018	SSPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2909.2909.3.dta
SXPFKXSPXLFGR 3 8 4 0 769	1	759.8793	1517.744	2	29.39	0.0012	SSPFKVSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.3047.3047.2.dta
GPSGXVSAQQLXR 8 0 2 0 1605	1	675.8247	1349.635	2	40.85	0.00032	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4867.4867.2.dta
GPSGXVSAQQLXR 5 1 0 0 1021	1	675.8247	1349.635	2	33.46	0.0018	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5007.5007.2.dta
GPSGXVSAQQLXR 9 3 9 0 1879	1	762.8482	1523.682	2	31.36	0.0044	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5646.5646.2.dta
GPSGXVSAQQLXR 9 4 7 0 1895	1	686.8169	1371.619	2	46.53	0.00012	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2006.2006.2.dta
SXPFKXSPXLFGR 0 2 9 1 60	1	775.8686	1549.723	2	26.62	0.014	SAPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2460.2460.2.dta
SXPFKXSPXLFGR 0 9 2 0 185	1	526.9169	1577.729	3	59.13	7.90E-06	SAPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2669.2669.3.dta
SXPFKXSPXLFGR 2 5 2 0 505	1	529.5923	1585.755	3	63.2	1.50E-06	SEPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2928.2928.3.dta
GPSGXVSAQQLXR 5 6 9 0 1139	1	707.8403	1413.666	2	43.4	0.00019	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2594.2594.2.dta
SXPFKXSPXLFGR 0 6 0 1 122	1	472.9026	1415.686	3	62.09	5.80E-06	SAPFKSSPLAFLGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2323.2323.3.dta
SXPFKXSPXLFGR 4 5 4 0 909	1	721.8636	1441.713	2	28.76	0.0086	SGPFKLSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2893.2893.2.dta
GPSGXVSAQQLXR 3 8 3 0 767	1	722.8533	1443.692	2	62.35	2.20E-06	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3633.3633.2.dta
GPSGXVSAQQLXR 0 0 1 0 3	1	654.8011	1307.588	2	53.8	2.30E-05	GPSGAVSAAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2066.2066.2.dta
SXPFKXSPXLFGR 6 5 6 0 1313	1	751.8742	1501.734	2	54.11	5.80E-06	SSPFKLSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2919.2919.2.dta
SXPFKXSPXLFGR 4 6 9 0 939	1	761.8585	1521.703	2	42.39	0.00021	SGPFKYSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2493.2493.2.dta
SXPFKXSPXLFGR 4 9 6 0 993	1	508.2415	1521.703	3	24.22	0.014	SGPFKYSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2500.2500.3.dta
GPSGXVSAQQLXR 9 3 9 0 1879	1	762.8481	1523.682	2	32.34	0.0003	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5319.5319.2.dta
SXPFKXSPXLFGR 0 6 9 0 139	1	768.8663	1535.718	2	45.93	0.00012	SAPFKSSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2468.2468.2.dta
SXPFKXSPXLFGR 0 4 4 1 90	1	458.2271	1371.66	3	61.81	2.50E-06	SAPFKGSPLEFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2320.2320.3.dta
SXPFKXSPXLFGR 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
SXPFKXSPXLFGR 2 1 2 0 425	1	530.2399	1587.698	3	64.12	1.50E-06	SEPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2502.2502.3.dta
SXPFKXSPXLFGR 6 6 4 1 1330	1	473.5623	1417.665	3	38.05	0.00094	SSPFKSSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2383.2383.3.dta
SXPFKXSPXLFGR 1 6 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
SXPFKXSPXLFGR 9 7 4 0 1949	1	768.8663	1535.718	2	28.39	0.007	SYPFKTSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2611.2611.2.dta
SXPFKXSPXLFGR 6 6 9 0 1339	1	776.8638	1551.713	2	32.66	0.0018	SSPFKSSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2495.2495.2.dta
SXPFKXSPXLFGR 4 4 4 0 889	1	462.8906	1385.65	3	31.71	0.0041	SGPFKGSPLGFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2453.2453.3.dta
GPSGXVSAQQLXR 5 1 5 0 1031	1	696.8481	1391.682	2	37.93	0.00089	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2795.2795.2.dta
GPSGXVSAQQLXR 2 9 7 0 595	1	722.8273	1443.64	2	46.54	0.00012	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2417.2417.2.dta
SXPFKXSPXLFGR 6 8 6 1 1374	1	487.5779	1459.712	3	23.56	0.015	SSPFKVSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2694.2694.3.dta
SXPFKXSPXLFGR 6 5 6 0 1313	1	751.8741	1501.734	2	37.11	0.00029	SSPFKLSPLSFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2889.2889.2.dta
GPSGXVSAQQLXR 8 0 5 1 1612	1	653.8422	1305.67	2	35.94	0.0011	GPSGVVSAQQLK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2757.2757.2.dta
SXPFKXSPXLFGR 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
GPSGXVSAQQLXR 0 2 1 1 44	1	669.8007	1337.587	2	30.44	0.0068	GPSGAVSEAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4427.4427.2.dta
SXPFKXSPXLFGR 8 3 9 0 1679	1	542.2692	1623.786	3	43.24	6.40E-05	SVPFKFSPLYFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3110.3110.3.dta
GPSGXVSAQQLXR 0 9 7 0 195	1	693.8245	1385.635	2	27.35	0.008	GPSGAVSVAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2104.2104.2.dta
SXPFKXSPXLFGR 9 2 9 0 1859	1	835.8846	166							

GPSGXVSAQLXR 6 9 2 0 1385	1	715.8193	1429.624	2	36.06	0.0015	GPSGSVSYAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2293.2293.2.dta
SXPFXKSPXLFGR 7 1 4 1 1430	1	487.5656	1459.675	3	35.77	0.0017	STPFKDSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2444.2444.3.dta
GPSGXVSAQLXR 9 3 9 0 1879	1	762.8479	1523.681	2	28.5	0.0093	GPSGYVFAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.3229.3229.2.dta
SXPFXKSPXLFGR 2 9 1 460	1	804.871	1607.728	2	41.57	7.00E-05	SEPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2503.2503.2.dta
SXPFXKSPXLFGR 4 6 0 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
GPSGXVSAQLXR 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
GPSGXVSAQLXR 9 3 1 1 1864	1	724.8266	1447.639	2	33.5	0.0027	GPSGYVFAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2694.2694.2.dta
SXPFXKSPXLFGR 4 9 9 0 999	1	533.585	1597.733	3	34.14	0.00064	SGPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2778.2778.3.dta
GPSGXVSAQLXR 0 8 0 0 161	1	646.8216	1291.629	2	30.04	0.0019	GPSGAVSVAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4543.4543.2.dta
GPSGXVSAQLXR 5 9 0 0 1181	1	699.8425	1397.671	2	65.68	7.30E-07	GPSGLVSYAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2722.2722.2.dta
GPSGXVSAQLXR 9 3 4 0 1869	1	709.8269	1417.639	2	47.38	9.00E-05	GPSGYVFAQLGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2896.2896.2.dta
SXPFXKSPXLFGR 0 6 9 0 139	1	512.9131	1535.717	3	33.02	0.0022	SAPFKSSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2475.2475.3.dta
SXPFXKSPXLFGR 6 3 6 0 1273	1	768.866	1535.718	2	25.22	0.014	SSPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2999.2999.2.dta
SXPFXKSPXLFGR 1 6 0 1 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
GPSGXVSAQLXR 5 3 1 0 1063	1	713.84	1425.665	2	53.75	1.50E-05	GPSGLVFAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3011.3011.2.dta
GPSGXVSAQLXR 0 8 3 0 167	1	684.8372	1367.66	2	41.73	0.00028	GPSGAVSVAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3032.3032.2.dta
GPSGXVSAQLXR 2 1 6 0 433	1	691.801	1381.588	2	31.63	0.0029	GPSGEVSDAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.1950.1950.2.dta
SXPFXKSPXLFGR 0 9 2 0 185	1	789.8712	1577.728	2	31.26	0.0049	SAPFKYSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2667.2667.3.dta
GPSGXVSAQLXR 9 3 3 0 1867	1	754.8503	1507.686	2	61.42	3.10E-06	GPSGYVFAQLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.3445.3445.2.dta
SXPFXKSPXLFGR 4 7 2 0 945	1	501.5728	1501.697	3	40.21	0.00067	SGPFKTSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2259.2259.3.dta
SXPFXKSPXLFGR 1 4 7 0 835	1	496.9009	1487.681	3	26.95	0.012	SDPFKDSPLTFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2460.2460.3.dta
SXPFXKSPXLFGR 9 1 9 1 1840	1	543.5847	1627.732	3	22.55	0.0067	SYPFKDSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4587.4587.3.dta
SXPFXKSPXLFGR 6 2 1 1386	1	522.9128	1565.717	3	73.25	1.60E-07	SSPFKYSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2655.2655.3.dta
SXPFXKSPXLFGR 9 0 7 0 1815	1	517.5848	1549.733	3	40.92	0.00033	SYPFKASPLTFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2619.2619.3.dta
SXPFXKSPXLFGR 2 6 5 0 531	1	515.5884	1543.743	3	39.26	0.00068	SEPFKSSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2660.2660.3.dta
SXPFXKSPXLFGR 4 0 5 0 811	1	486.2497	1455.727	3	52.5	1.90E-05	SGPFKASPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2725.2725.3.dta
GPSGXVSAQLXR 3 1 6 0 633	1	700.8138	1399.613	2	58.44	8.40E-06	GPSGFVSDAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2443.2443.2.dta
SXPFXKSPXLFGR 9 1 9 0 1839	1	828.8763	1655.738	2	33.82	0.001	SYPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2851.2851.2.dta
SXPFXKSPXLFGR 1 5 8 1 318	1	757.8861	1513.758	2	28.93	0.0071	SDPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3106.3106.2.dta
GPSGXVSAQLXR 9 0 1 1 1804	1	686.8106	1371.607	2	29.79	0.0072	GPSGYVSAQLDK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4776.4776.2.dta
SXPFXKSPXLFGR 7 6 0 1 1522	1	482.9056	1445.695	3	48.81	6.30E-05	STPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2333.2333.3.dta
GPSGXVSAQLXR 9 0 9 1 1820	1	710.8287	1419.643	2	31.6	0.0049	GPSGYVSAQLYK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4778.4778.2.dta
SXPFXKSPXLFGR 9 1 0 1983	1	552.9199	1655.738	3	47.25	4.60E-05	SYPFKYSPLDLFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2852.2852.3.dta
SXPFXKSPXLFGR 6 3 3 0 1267	1	532.9249	1595.753	3	49.61	1.50E-05	SSPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3276.3276.3.dta
GPSGXVSAQLXR 0 3 2 1 66	1	685.8209	1369.627	2	49.39	9.00E-05	GPSGAVSFAQLEK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2682.2682.2.dta
GPSGXVSAQLXR 7 8 6 0 1573	1	669.824	1337.633	2	62.69	8.90E-07	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2283.2283.2.dta
GPSGXVSAQLXR 3 6 5 0 731	1	699.8421	1397.67	2	28.66	0.0061	GPSGFVSSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4586.4586.2.dta
GPSGXVSAQLXR 1 0 7 0 215	1	669.8057	1337.597	2	28.4	0.0069	GPSGDVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4579.4579.2.dta
SXPFXKSPXLFGR 6 6 1 0 1323	1	752.8448	1503.675	2	38.08	0.00054	SSPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2515.2515.2.dta
SXPFXKSPXLFGR 3 4 4 0 689	1	738.855	1475.695	2	26.33	0.0077	SFPFKGSPDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4772.4772.2.dta
SXPFXKSPXLFGR 4 5 6 1 914	1	722.865	1443.715	2	25.88	0.015	SGPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2868.2868.2.dta
SXPFXKSPXLFGR 6 3 3 0 1267	1	798.8837	1595.753	2	30.44	0.0012	SSPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3275.3275.2.dta
SXPFXKSPXLFGR 4 9 2 0 985	1	522.2444	1563.711	3	34.28	0.0022	SGPFKYSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2696.2696.3.dta
SXPFXKSPXLFGR 6 3 2 1 1266	1	517.5809	1549.721	3	28.14	0.0091	SSPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2968.2968.3.dta
SXPFXKSPXLFGR 9 2 9 0 1859	1	557.5916	1669.753	3	19.32	0.012	SYPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.4526.4526.3.dta
GPSGXVSAQLXR 3 0 9 0 619	1	716.8342	1431.654	2	28.44	0.011	GPSGFVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4638.4638.2.dta
GPSGXVSAQLXR 2 0 5 0 411	1	682.8316	1363.649	2	36.29	0.00068	GPSGEVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2557.2557.2.dta
SXPFXKSPXLFGR 6 9 0 0 1399	1	543.5881	1627.742	3	27.48	0.0055	SSPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2787.2787.3.dta
GPSGXVSAQLXR 1 3 9 0 279	1	738.829	1475.644	2	49.69	4.70E-05	GPSGDVSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2875.2875.2.dta
SXPFXKSPXLFGR 4 0 7 0 815	1	482.2373	1443.69	3	44.57	0.00014	SGPFKASPLTFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2495.2495.3.dta
GPSGXVSAQLXR 1 6 6 1 334	1	656.7922	1311.57	2	25.8	0.0062	GPSGDVSAQLSK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1864.1864.2.dta
SXPFXKSPXLFGR 6 1 2 0 1225	1	773.8499	1545.685	2	42.12	0.00024	SSPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2491.2491.2.dta
GPSGXVSAQLXR 8 6 0 0 1721	1	654.8185	1307.622	2	40.23	0.00027	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.6045.6045.2.dta
GPSGXVSAQLXR 0 1 5 0 31	1	675.8237	1349.633	2	36.47	0.00089	GPSGEVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.3505.3505.2.dta
GPSGXVSAQLXR 9 6 9 0 1939	1	732.8289	1463.643	2	34.6	0.0032	GPSGFVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5018.5018.2.dta
SXPFXKSPXLFGR 4 6 7 0 935	1	487.5688	1459.685	3	29.51	0.0046	SGPFKSSPLTFR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2364.2364.3.dta
SXPFXKSPXLFGR 0 8 0 1 162	1	476.9139	1427.72	3	29.01	0.0051	SAPFKSPLAFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2866.2866.3.dta
SXPFXKSPXLFGR 7 9 3 0 1587	1	813.8886	1625.763	2	30.45	0.0019	STPFKYSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2973.2973.2.dta
SXPFXKSPXLFGR 4 1 9 1 840	1	508.2369	1521.689	3	37.29	0.0015	SGPFKDSPLYFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2534.2534.3.dta
GPSGXVSAQLXR 9 6 5 0 1931	1	707.8392	1413.664	2	39.81	0.00061	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2531.2531.2.dta
SXPFXKSPXLFGR 6 3 5 0 1271	1	521.5965	1561.768	3	64.06	1.40E-06	SSPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3188.3188.3.dta
SXPFXKSPXLFGR 6 9 0 0 1339	1	518.2441	1551.711	3	26.5	0.0084	SSPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2535.2535.3.dta
GPSGXVSAQLXR 6 5 6 0 1313	1	669.8235	1337.633	2	23.75	0.007	GPSGSVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4109.4109.2.dta
GPSGXVSAQLXR 2 4 6 0 493	1	662.7975	1323.581	2	25.03	0.012	GPSGEVSGAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4294.4294.2.dta
GPSGXVSAQLXR 1 7 2 0 345	1	698.808	1395.602	2	33.97	0.0024	GPSGDVSTAQLER	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.1995.1995.2.dta
SXPFXKSPXLFGR 0 3 2 0 65	1	521.5844	1561.731	3	44.82	0.00011	SAPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2966.2966.3.dta
GPSGXVSAQLXR 3 9 9 0 799	1	762.8469	1523.679	2	30.45	0.006	GPSGSVSYAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.5168.5168.2.dta
GPSGXVSAQLXR 6 6 7 0 1335	1	442.8726	1325.596	3	42.22	0.00035	GPSGFVSSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.1814.1814.3.dta
SXPFXKSPXLFGR 9 3 2 1 1866	1	542.9243	1625.751	3	31.65	0.00082	SYPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3055.3055.3.dta
SXPFXKSPXLFGR 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
SXPFXKSPXLFGR 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
GPSGXVSAQLXR 3 5 6 0 713	1	699.8416	1397.669	2	58.13	6.90E-06	GPSGFVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.3121.3121.2.dta
GPSGXVSAQLXR 9 4 6 0 1893	1	679.8077	1357.601	2	66.3	1.00E-06	GPSGYVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2129.2129.2.dta
GPSGXVSAQLXR 6 8 5 0 1371	1	675.8416	1349.669	2	53.38	6.90E-06	GPSGSVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2976.2976.2.dta
SXPFXKSPXLFGR 4 6 4 1 930	1	694.8332	1387.652	2	27.53	0.013	SGPFKSSPLFGFK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_8.2397.2397.2.dta
GPSGXVSAQLXR 6 4 1 0 1283	1	655.7895	1309.565	2	31.27	0.004	GPSGDVSGAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.1884.1884.2.dta
SXPFXKSPXLFGR 6 6 1 0 1323	1	502.2318	1503.674	3	51.98	2.20E-05	SSPFKSSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2496.2496.3.dta
GPSGXVSAQLXR 2 0 7 0 415	1	676.8129	1351.611	2	46.86	8.70E-05	GPSGEVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2100.2100.2.dta
GPSGXVSAQLXR 6 1 9 0 123										

GPSGXVSAQLXR 5 6 0 1121	1	661.8255	1321.636	2	38.28	0.00068	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4396.4396.2.dta
GPSGXVSAQLXR 1 3 6 0 273	1	700.8125	1399.61	2	56.26	1.40E-05	GPSGDVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2609.2609.2.dta
SXPFKXSPLXFGR 2 2 3 1 448	1	531.5836	1591.729	3	22.92	0.0077	SEPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2726.2726.3.dta
GPSGXVSAQLXR 8 6 9 0 1739	1	700.8306	1399.647	2	35.55	0.00091	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2449.2449.2.dta
GPSGXVSAQLXR 3 1 5 0 631	1	713.8384	1425.662	2	47.33	5.30E-05	GPSGFVSDAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2970.2970.2.dta
GPSGXVSAQLXR 5 4 6 0 1093	1	654.8176	1307.621	2	25.45	0.0098	GPSGLVSGAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.4719.4719.2.dta
GPSGXVSAQLXR 2 0 7 0 415	1	676.8124	1351.61	2	41.28	0.00018	GPSGEVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2069.2069.2.dta
GPSGXVSAQLXR 6 8 7 0 1375	1	669.8228	1337.631	2	23.19	0.011	GPSGVSVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2077.2077.2.dta
SXPFKXSPLXFGR 5 0 1 0 1003	1	505.5838	1513.73	3	56.69	1.80E-05	SLPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2816.2816.3.dta
SXPFKXSPLXFGR 9 6 3 0 1927	1	806.8798	1611.745	2	25.4	0.012	SYPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_7.2879.2879.2.dta
SXPFKXSPLXFGR 5 3 1 0 1063	1	530.9275	1589.761	3	36.85	0.00084	SLPFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.3045.3045.3.dta
GPSGXVSAQLXR 9 6 9 0 1939	1	732.8278	1463.641	2	53.43	3.00E-05	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.2361.2361.2.dta
GPSGXVSAQLXR 9 5 6 0 1913	1	707.8383	1413.662	2	46.99	8.70E-05	GPSGVVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2808.2808.2.dta
GPSGXVSAQLXR 5 4 2 0 1085	1	675.8226	1349.631	2	46.42	0.00011	GPSGLVSGAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4719.4719.2.dta
GPSGXVSAQLXR 9 5 6 0 1913	1	707.8382	1413.662	2	55.33	1.30E-05	GPSGVVSLAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_4.2695.2695.2.dta
SXPFKXSPLXFGR 2 6 4 0 529	1	496.8997	1487.677	3	39	0.00047	SEPFKSSPLGFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2379.2379.3.dta
GPSGXVSAQLXR 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
SXPFKXSPLXFGR 3 9 2 0 785	1	827.8848	1653.755	2	26.35	0.0038	SFPFKYSPLEFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2995.2995.2.dta
SXPFKXSPLXFGR 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
GPSGXVSAQLXR 9 6 9 0 1939	1	732.8276	1463.641	2	54.59	2.30E-05	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2425.2425.2.dta
GPSGXVSAQLXR 3 8 7 0 775	1	699.8406	1397.667	2	56.44	1.20E-05	GPSGFVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2968.2968.2.dta
GPSGXVSAQLXR 6 9 5 0 1391	1	707.838	1413.661	2	26.41	0.0099	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_9.2684.2684.2.dta
GPSGXVSAQLXR 9 0 9 0 1819	1	724.8301	1447.646	2	47.77	0.00013	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.4774.4774.2.dta
SXPFKXSPLXFGR 8 0 1 0 1603	1	500.9117	1499.713	3	38.48	0.0011	SVPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2733.2733.3.dta
GPSGXVSAQLXR 8 2 7 0 1655	1	690.8276	1379.641	2	37.67	0.0009	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2296.2296.2.dta
GPSGXVSAQLXR 1 4 1 0 283	1	669.7859	1337.557	2	65.51	2.80E-07	GPSGDVSGAQLDR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_5.1979.1979.2.dta
SXPFKXSPLXFGR 9 3 2 1 1866	1	813.8814	1625.748	2	25.01	0.0066	SYPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_6.2958.2958.2.dta
GPSGXVSAQLXR 1 8 6 0 373	1	676.8119	1351.609	2	59.69	2.60E-06	GPSGDVSAQLSR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_3.2252.2252.2.dta
GPSGXVSAQLXR 9 2 8 0 1857	1	721.8353	1441.656	2	52.56	2.50E-05	GPSGVVSEAQLVR	Phospho (ST)	0.0000001000000.0	JC_Synth_SCX_2.2509.2509.2.dta