

prot_acc	pep_rank	pep_exp_n	pep_exp_n	pep_exp_z	pep_score	pep_expect	pep_seq	pep_var_mod	pep_var_mod_pos	pep_scan_title
SXPFKXSPLXFGF	1	510.9041	1529.69	3	27.96	0.013	SEPFKGSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1022.1022.3.dta
SXPFKXSPLXFGF	1	516.2441	1545.71	3	25.73	0.0027	SEPFKESPLTFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1024.1024.3.dta
SXPFKXSPLXFGF	1	525.5758	1573.706	3	31.78	0.0011	SEPFKESPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1028.1028.3.dta
SXPFKXSPLXFGF	1	491.5698	1471.688	3	47.18	9.90E-05	SAPFKDSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1036.1036.3.dta
SXPFKXSPLXFGF	1	506.9002	1517.679	3	55.36	7.40E-06	SEPFKSSPLDFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1039.1039.3.dta
SXPFKXSPLXFGF	1	498.9055	1493.695	3	41.84	0.00061	SGPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1045.1045.3.dta
SXPFKXSPLXFGF	1	520.9078	1559.702	3	50.7	4.20E-05	SEPFKESPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1053.1053.3.dta
SXPFKXSPLXFGF	1	476.906	1427.696	3	69.5	7.20E-07	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1060.1060.3.dta
SXPFKXSPLXFGF	1	517.5808	1549.721	3	42.2	0.00036	SAPFKESPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1061.1061.3.dta
SXPFKXSPLXFGF	1	530.2394	1587.696	3	41.16	0.0002	SEPFKDSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1070.1070.3.dta
SXPFKXSPLXFGF	1	496.2418	1485.704	3	37.47	0.00093	SAPFKESPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1085.1085.3.dta
SXPFKXSPLXFGF	1	532.248	1593.722	3	29.81	0.00059	SEPFKSSPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1087.1087.3.dta
SXPFKXSPLXFGF	1	546.2515	1635.733	3	42.78	0.00013	SEPFKESPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1109.1109.3.dta
SXPFKXSPLXFGF	1	524.9198	1571.738	3	37.72	0.00081	SEPFKESPLVFGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1117.1117.3.dta
SXPFKXSPLXFGF	1	527.5836	1579.729	3	40.14	0.00011	SEPFKTSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1124.1124.3.dta
SXPFKXSPLXFGF	1	502.9096	1505.707	3	39.65	0.00031	SGPFKASPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1140.1140.3.dta
SXPFKXSPLXFGF	1	525.5679	1573.682	3	43.08	0.00016	SDPFKDSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1148.1148.3.dta
SXPFKXSPLXFGF	1	507.5821	1519.724	3	30.61	0.0023	SAPFKASPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1149.1149.3.dta
SXPFKXSPLXFGF	1	505.5848	1513.733	3	38.08	0.00096	SEPFKASPLVFGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1156.1156.3.dta
GPSGVXSQAQLXR	1	447.5497	1339.627	3	29.25	0.00059	GPSGVSSAAQLLR	Phospho (ST)	0.0000001000000	AJC_synth_45.1170.1170.3.dta
SXPFKXSPLXFGF	1	486.9182	1457.733	3	45.92	0.00014	SLPFKSSPLAFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1172.1172.3.dta
SXPFKXSPLXFGF	1	548.2566	1641.748	3	53.05	5.00E-06	SYPFKESPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1175.1175.3.dta
SXPFKXSPLXFGF	1	472.2429	1413.707	3	39.06	0.00052	SAPFKSSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1191.1191.3.dta
SXPFKXSPLXFGF	1	536.92	1607.738	3	40.25	0.00041	SYPFKTSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1196.1196.3.dta
SXPFKXSPLXFGF	1	496.2505	1485.73	3	42.38	0.00024	SLPFKDSPLAFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1204.1204.3.dta
SXPFKXSPLXFGF	1	506.2322	1515.675	3	33.9	0.00029	SDPFKASPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1220.1220.3.dta
SXPFKXSPLXFGF	1	510.2553	1527.744	3	35.73	0.00016	SLPFKESPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1221.1221.3.dta
SXPFKXSPLXFGF	1	528.9212	1583.742	3	48.14	6.20E-05	SYPFKASPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1228.1228.3.dta
SXPFKXSPLXFGF	1	482.2456	1443.715	3	26.88	0.012	SAPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1229.1229.3.dta
SXPFKXSPLXFGF	1	546.2512	1635.732	3	37.24	0.00048	SEPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1230.1230.3.dta
SXPFKXSPLXFGF	1	522.2444	1563.711	3	30.83	0.00048	SGPFKESPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1236.1236.3.dta
SXPFKXSPLXFGF	1	515.5851	1543.733	3	40.64	0.00028	SEPFKSSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1244.1244.3.dta
SXPFKXSPLXFGF	1	481.5769	1441.709	3	58.56	8.70E-06	SGPFKVSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1245.1245.3.dta
SXPFKXSPLXFGF	1	518.2408	1551.701	3	30.05	0.0033	SSPFKYSPLDFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1252.1252.3.dta
SXPFKXSPLXFGF	1	502.9193	1505.736	3	42.07	0.00029	SGPFKSSPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1268.1268.3.dta
SXPFKXSPLXFGF	1	490.9214	1469.742	3	26.75	0.0022	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1278.1278.3.dta
SXPFKXSPLXFGF	1	488.243	1461.707	3	41.9	0.00011	SGPFKASPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1279.1279.3.dta
SXPFKXSPLXFGF	1	507.5913	1519.752	3	43.1	0.00021	SAPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1284.1284.3.dta
SXPFKXSPLXFGF	1	548.2573	1641.75	3	28.39	0.00014	SYPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1293.1293.3.dta
SXPFKXSPLXFGF	1	541.5798	1621.718	3	26.7	0.00068	SDPFKYSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1309.1309.3.dta
SXPFKXSPLXFGF	1	531.588	1591.742	3	32.13	0.0034	SVPFKYSPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1325.1325.3.dta
SXPFKXSPLXFGF	1	536.2609	1605.761	3	53.33	2.20E-05	SEPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1326.1326.3.dta
SXPFKXSPLXFGF	1	543.5841	1627.731	3	43.67	4.30E-05	SYPFKDSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1332.1332.3.dta
SXPFKXSPLXFGF	1	559.5967	1675.768	3	40.73	0.00015	SYPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1333.1333.3.dta
SXPFKXSPLXFGF	1	547.6003	1639.779	3	40.32	9.30E-05	SVPFKSSPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1334.1334.3.dta
SXPFKXSPLXFGF	1	506.2435	1515.709	3	36.74	0.00007	SDPFKVSPLSFGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1342.1342.3.dta
SXPFKXSPLXFGF	1	486.9182	1457.733	3	37.04	0.00011	SAPFKSSPLSFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1345.1345.3.dta
SXPFKXSPLXFGF	1	482.2455	1443.715	3	34.09	0.0026	SGPFKLSPLSFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1348.1348.3.dta
SXPFKXSPLXFGF	1	552.9193	1655.736	3	50.8	2.00E-05	SYPFKYSPLDFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1354.1354.3.dta
SXPFKXSPLXFGF	1	517.5938	1549.759	3	37.05	0.00083	SLPFKSSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1356.1356.3.dta
SXPFKXSPLXFGF	1	496.2503	1485.729	3	46.78	0.00014	SGPFKLSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1357.1357.3.dta
SXPFKXSPLXFGF	1	568.932	1703.774	3	25.87	0.0026	SYPFKYSPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1360.1360.3.dta
SXPFKXSPLXFGF	1	492.2486	1473.724	3	29.98	0.0048	STPFKVSPLSFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1364.1364.3.dta
SXPFKXSPLXFGF	1	538.2668	1611.779	3	46.79	2.20E-05	SYPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1380.1380.3.dta
SXPFKXSPLXFGF	1	526.2545	1575.742	3	32.82	0.00016	SDPFKSSPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1383.1383.3.dta
SXPFKXSPLXFGF	1	523.5894	1567.746	3	46.25	6.30E-05	SAPFKSSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1388.1388.3.dta
SXPFKXSPLXFGF	1	510.2559	1527.746	3	37.96	0.00098	SAPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1389.1389.3.dta
SXPFKXSPLXFGF	1	540.9318	1619.774	3	31.14	0.0025	SLPFKYSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1390.1390.3.dta
SXPFKXSPLXFGF	1	515.5886	1543.744	3	53.5	2.50E-05	SSPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1396.1396.3.dta
SXPFKXSPLXFGF	1	505.5848	1513.733	3	56.01	1.60E-05	SGPFKLSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1397.1397.3.dta
SXPFKXSPLXFGF	1	483.5707	1447.69	3	38.09	0.00023	SGPFKSSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1399.1399.3.dta
SXPFKXSPLXFGF	1	533.5931	1597.758	3	45.32	7.20E-05	STPFKSSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1404.1404.3.dta
GPSGVXSQAQLXR	1	445.5653	1333.674	3	41.59	9.40E-05	GPSGVSSAAQLLR	Phospho (ST)	0.0000001000000	AJC_synth_45.1406.1406.3.dta
SXPFKXSPLXFGF	1	512.2623	1533.765	3	41.26	0.00032	SAPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1412.1412.3.dta
SXPFKXSPLXFGF	1	493.5729	1477.697	3	36.52	0.00015	SAPFKYSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1414.1414.3.dta
SXPFKXSPLXFGF	1	518.9176	1553.731	3	52.47	2.20E-05	SGPFKYSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1415.1415.3.dta
SXPFKXSPLXFGF	1	521.5932	1561.758	3	31.05	0.0032	SLPFKDSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1416.1416.3.dta
SXPFKXSPLXFGF	1	516.9108	1547.711	3	39.83	0.00045	SGPFKSSPLFEGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1444.1444.3.dta
SXPFKXSPLXFGF	1	504.9379	1511.792	3	33.17	0.00048	SLPFKSSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1445.1445.3.dta
SXPFKXSPLXFGF	1	531.5834	1591.728	3	26.89	0.0031	SEPFKSSPLFEGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1446.1446.3.dta
GPSGVXSQAQLXR	1	476.2414	1425.702	3	50.53	1.90E-05	GPSGLVSSAQLVR	Phospho (ST)	0.0000001000000	AJC_synth_45.1447.1447.3.dta
SXPFKXSPLXFGF	1	526.93	1577.768	3	42.46	0.00015	SSPFKLSPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1460.1460.3.dta
SXPFKXSPLXFGF	1	495.5934	1483.758	3	52.9	6.90E-06	SGPFKSSPLVFGF	Phospho (ST)	0.0000001000000	AJC_synth_45.1469.1469.3.dta
SXPFKXSPLXFGF	1	502.9059	1505.696	3	44.09	0.00016	SDPFKSSPLDFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1470.1470.3.dta
SXPFKXSPLXFGF	1	536.26	1605.758	3	32.29	0.0003	SDPFKSSPLFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.1471.1471.3.dta
SXPFKXSPLXFGF	1	528.9216	1583.743	3	46.84	9.00E-05	SSPFKSSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1476.1476.3.dta
SXPFKXSPLXFGF	1	554.2648	1659.773	3	35.24	0.00072	SYPFKSSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_45.1484.1484.3.dta
SXPFKXSPLXFGF	1	497.5867	1489.738	3	40.61	0.00013	SGPFKSSPLYFGR	Phospho (ST)	0.0000001000000	AJC_synth_45.

SXPFKXSPLXFGR 3 5 5 1 792	1	537.6068	1609.798	3	21.58	0.0073	SFPFKYSPLLFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1620.1620.3.dta
GPSGVXSQAQLXR 5 9 5 0 1191	1	480.9127	1439.716	3	70.35	1.40E-07	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1628.1628.3.dta
SXPFKXSPLXFGR 3 5 0 0 701	1	516.2655	1545.775	3	36.13	0.00024	SFPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1636.1636.3.dta
SXPFKXSPLXFGR 3 5 2 1 706	1	526.2659	1575.776	3	30.54	0.00022	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1637.1637.3.dta
SXPFKXSPLXFGR 5 3 1 1 1064	1	521.5952	1561.764	3	32.42	0.00036	SLPFKSPDLFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1638.1638.3.dta
GPSGVXSQAQLXR 5 3 9 0 1079	1	492.2412	1473.702	3	42.99	0.00022	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1644.1644.3.dta
GPSGVXSQAQLXR 9 8 3 0 1967	1	487.5676	1459.681	3	33.81	0.00034	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1647.1647.3.dta
SXPFKXSPLXFGR 5 8 3 0 1167	1	525.6093	1573.806	3	36.51	0.00022	SFPFKVSPFLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1668.1668.3.dta
GPSGVXSQAQLXR 3 5 8 3 1 718	1	461.5745	1381.702	3	42.68	0.00029	GPSGVVSAQQLVK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1679.1679.3.dta
GPSGVXSQAQLXR 0 5 3 1 108	1	452.2304	1353.669	3	29.32	0.00079	GPSGAVSLAQLFK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1680.1680.3.dta
SXPFKXSPLXFGR 3 3 0 0 661	1	527.5918	1579.754	3	45.64	3.40E-05	SFPFKVSPFLAFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1684.1684.3.dta
SXPFKXSPLXFGR 1 5 5 1 312	1	510.265	1527.773	3	38.75	0.00058	SDFPKSPLFLFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1692.1692.3.dta
SXPFKXSPLXFGR 3 1 3 1 628	1	532.9224	1595.745	3	31.6	0.0011	SFPFKDSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1708.1708.3.dta
SXPFKXSPLXFGR 3 5 9 0 719	1	546.942	1637.804	3	21.41	0.00098	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1724.1724.3.dta
SXPFKXSPLXFGR 5 5 5 1 1112	1	509.6181	1525.832	3	37.91	0.00016	SLPFKSPLLFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1735.1735.3.dta
SXPFKXSPLXFGR 1 3 3 0 267	1	542.2572	1623.75	3	40.99	8.40E-05	SDFPKVSPFLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1740.1740.3.dta
GPSGVXSQAQLXR 3 9 3 0 787	1	503.5695	1507.687	3	29.34	0.00047	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1743.1743.3.dta
SXPFKXSPLXFGR 3 8 3 0 767	1	536.9368	1607.789	3	35.77	0.00036	SFPFKVSPFLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1748.1748.3.dta
SXPFKXSPLXFGR 5 5 5 0 1111	1	518.9541	1553.841	3	24.91	0.00044	SLPFKSPLLFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1764.1764.3.dta
SXPFKXSPLXFGR 5 3 3 1 1068	1	532.2745	1593.802	3	25.9	0.00042	SLPFKSPFLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1780.1780.3.dta
GPSGVXSQAQLXR 9 5 3 1 1908	1	482.9063	1445.697	3	26.66	0.012	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1788.1788.3.dta
SXPFKXSPLXFGR 9 7 3 0 1947	1	542.9304	1625.769	3	26.5	0.004	SFPFKTSPLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1796.1796.3.dta
SXPFKXSPLXFGR 5 3 3 0 1067	1	541.6105	1621.81	3	21.52	0.0085	SLPFKSPFLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1804.1804.3.dta
GPSGVXSQAQLXR 5 8 3 0 1167	1	470.9101	1409.708	3	45.92	3.10E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1812.1812.3.dta
GPSGVXSQAQLXR 8 5 3 1 1708	1	461.5757	1381.705	3	28.51	0.00051	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1821.1821.3.dta
GPSGVXSQAQLXR 3 8 3 0 767	1	482.2383	1443.693	3	28.69	0.00056	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1829.1829.3.dta
GPSGVXSQAQLXR 5 3 5 1 1072	1	466.2473	1395.72	3	43.94	9.50E-05	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1854.1854.3.dta
SXPFKXSPLXFGR 3 3 3 0 667	1	552.9387	1655.794	3	27.16	0.00019	SFPFKVSPFLFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1860.1860.3.dta
GPSGVXSQAQLXR 5 5 5 1 1112	1	454.9181	1361.733	3	33.97	0.00009	GPSGLVSAQLK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1872.1872.3.dta
GPSGVXSQAQLXR 5 3 5 0 1071	1	475.5826	1423.726	3	46.6	2.20E-05	GPSGLVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1876.1876.3.dta
GPSGVXSQAQLXR 3 3 5 0 671	1	486.9109	1457.711	3	36.56	0.00056	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1892.1892.3.dta
GPSGVXSQAQLXR 5 3 3 1 1108	1	466.2481	1395.723	3	29.09	0.00022	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1948.1948.3.dta
GPSGVXSQAQLXR 5 3 3 0 1107	1	475.5836	1423.729	3	28.97	0.00027	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.1972.1972.3.dta
GPSGVXSQAQLXR 1 0 7 0 215	1	446.8741	1337.601	3	29.49	0.00054	GPSGDVSAQQLTR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.765.765.3.dta
GPSGVXSQAQLXR 0 0 0 0 1	1	422.2076	1263.601	3	24.17	0.00038	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.839.839.3.dta
GPSGVXSQAQLXR 1 1 9 0 239	1	482.2102	1443.609	3	28.04	0.00069	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.878.878.3.dta
GPSGVXSQAQLXR 0 1 9 0 39	1	467.5471	1399.62	3	32.59	0.00033	GPSGAVSDAQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.892.892.3.dta
GPSGVXSQAQLXR 9 2 0 0 1841	1	472.2191	1413.636	3	33	0.00035	GPSGVVSEAQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.933.933.3.dta
SXPFKXSPLXFGR 0 6 2 1 126	1	492.2375	1473.691	3	56.44	1.70E-05	SAPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.973.973.3.dta
GPSGVXSQAQLXR 0 8 0 0 161	1	431.5502	1291.629	3	39.28	0.00023	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_45.974.974.3.dta
SXPFKXSPLXFGR 6 6 0 1 1322	1	478.2337	1431.679	3	39.68	0.00057	SFPFKSPLAFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.975.975.3.dta
SXPFKXSPLXFGR 2 4 2 1 486	1	501.569	1501.685	3	39.69	0.00059	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.996.996.3.dta
SXPFKXSPLXFGR 2 6 2 1 526	1	511.5725	1531.696	3	51.54	9.50E-06	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_45.997.997.3.dta
GPSGVXSQAQLXR 8 1 4 0 1629	1	661.8077	1321.601	2	23.61	0.011	GPSGVVSDAQLGR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1001.1001.2.dta
GPSGVXSQAQLXR 8 0 4 0 1609	1	639.8156	1277.617	2	51.37	9.80E-06	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1007.1007.2.dta
GPSGVXSQAQLXR 0 8 1 0 163	1	668.8179	1335.621	2	38.65	0.00051	GPSGAVSAQLDR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1015.1015.2.dta
GPSGVXSQAQLXR 0 8 6 1 174	1	640.8176	1279.621	2	22.51	0.02	GPSGAVSAQLSK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1023.1023.2.dta
SXPFKXSPLXFGR 0 6 4 1 130	1	701.843	1401.672	2	21.55	0.044	SAPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1031.1031.2.dta
SXPFKXSPLXFGR 7 6 4 1 1530	1	716.8486	1431.683	2	21.82	0.035	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1039.1039.2.dta
GPSGVXSQAQLXR 5 6 1 0 1123	1	683.8219	1365.629	2	40.31	0.00042	GPSGLVSAQQLDR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1063.1063.2.dta
GPSGVXSQAQLXR 3 4 6 0 693	1	717.8096	1341.605	2	30	0.00044	GPSGVVSAQQLSR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1064.1064.2.dta
GPSGVXSQAQLXR 2 8 2 0 565	1	704.8294	1407.644	2	27.68	0.023	GPSGEVSAQLER	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1065.1065.2.dta
SXPFKXSPLXFGR 2 6 6 1 534	1	745.8518	1489.689	2	21.09	0.021	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1072.1072.2.dta
GPSGVXSQAQLXR 5 7 1 1 1144	1	676.8295	1351.644	2	46.83	0.00014	GPSGLVSTAQLDK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1080.1080.2.dta
GPSGVXSQAQLXR 3 6 0 1 722	1	664.8174	1327.62	2	33.14	0.00024	GPSGVVSAQQLK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1081.1081.2.dta
SXPFKXSPLXFGR 4 4 2 1 886	1	715.8416	1429.669	2	29.57	0.00078	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1087.1087.2.dta
SXPFKXSPLXFGR 0 2 2 1 46	1	758.8578	1515.701	2	20.84	0.035	SAPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1089.1089.2.dta
GPSGVXSQAQLXR 3 4 1 0 683	1	685.8091	1369.604	2	72.02	1.20E-07	GPSGVVSAQQLDR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1095.1095.2.dta
GPSGVXSQAQLXR 0 4 5 0 91	1	646.8223	1291.63	2	21.67	0.013	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1096.1096.2.dta
SXPFKXSPLXFGR 7 2 2 1 1446	1	773.8646	1545.715	2	15.08	0.031	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1105.1105.2.dta
GPSGVXSQAQLXR 5 7 1 0 1143	1	690.8281	1379.642	2	44.67	0.00018	GPSGLVSTAQLDR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1112.1112.2.dta
SXPFKXSPLXFGR 2 6 2 0 525	1	780.8583	1559.702	2	27.14	0.0096	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1113.1113.2.dta
GPSGVXSQAQLXR 3 4 7 0 695	1	678.8193	1355.624	2	58.26	3.40E-06	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1114.1114.2.dta
SXPFKXSPLXFGR 4 0 4 1 810	1	686.8383	1371.662	2	30.8	0.00024	SFPFKASPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1119.1119.2.dta
GPSGVXSQAQLXR 6 5 1 1 1304	1	669.82	1337.626	2	40.72	0.00033	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1120.1120.2.dta
SXPFKXSPLXFGR 0 6 9 1 140	1	754.8644	1507.714	2	24.63	0.029	SAPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1121.1121.2.dta
GPSGVXSQAQLXR 5 6 0 0 1121	1	661.8246	1321.635	2	20.7	0.039	GPSGLVSSAQLR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1123.1123.2.dta
GPSGVXSQAQLXR 1 5 4 1 310	1	654.8151	1307.616	2	32.78	0.00028	GPSGDVSAQLGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1130.1130.2.dta
SXPFKXSPLXFGR 6 6 9 1 1340	1	762.8627	1523.711	2	26.69	0.0093	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1137.1137.2.dta
GPSGVXSQAQLXR 5 0 4 1 1010	1	632.8199	1263.625	2	40.2	0.00014	GPSGLVSSAQLGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1138.1138.2.dta
SXPFKXSPLXFGR 6 0 0 1 1202	1	708.8532	1415.692	2	22.96	0.038	SFPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1143.1143.2.dta
SXPFKXSPLXFGR 4 6 9 1 940	1	747.8558	1493.697	2	28.63	0.012	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1144.1144.2.dta
SXPFKXSPLXFGR 4 0 0 1 802	1	693.8463	1385.678	2	26.24	0.0064	SFPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1152.1152.2.dta
GPSGVXSQAQLXR 5 2 2 0 1045	1	711.8359	1421.657	2	38.84	0.00022	GPSGLVSEAQLER	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1153.1153.2.dta
GPSGVXSQAQLXR 4 5 4 1 910	1	625.8107	1249.607	2	35.74	0.00036	GPSGDVSAQLGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1154.1154.2.dta
SXPFKXSPLXFGR 2 1 2 0 425	1	794.855	1587.695	2	19.19	0.031	SFPFKSPLFEGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1160.1160.2.dta
GPSGVXSQAQLXR 8 8 1 1 1764	1	668.8298	1335.645	2	41.69	0.0004	GPSGVVSAQLDK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1161.1161.2.dta
GPSGVXSQAQLXR 8 8 4 1 1770	1	639.827	1277.64	2	39.42	0.00031	GPSGVVSAQLGK	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1164.1164.2.dta
SXPFKXSPLXFGR 7 9 2 1 1586	1	790.8748	157							

SXPFKXSPLXFGFR 8 8 1 1 1764	1	750.8798	1499.745	2	22.93	0.026	SVPFKVSPDLDFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1256.1256.2.da
GPSGVXSXAQLXR 5 1 8 0 1037	1	689.8401	1377.666	2	43.96	0.00013	SPGSLVSDAQLVR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1274.1274.2.da
SXPFKXSPLXFGFR 5 6 0 1 1122	1	729.8751	1457.736	2	20.03	0.042	SLGPKSPLAFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1279.1279.2.da
SXPFKXSPLXFGFR 4 4 5 1 892	1	707.8622	1413.71	2	22.32	0.015	SVPFKSPLFLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1280.1280.2.da
GPSGVXSXAQLXR 5 7 8 1 1158	1	668.8492	1335.684	2	21.14	0.047	GPSGLVSTAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1284.1284.2.da
SXPFKXSPLXFGFR 0 2 5 0 51	1	764.8831	1527.752	2	22.8	0.023	SAPFKSPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1289.1289.2.da
SXPFKXSPLXFGFR 9 2 9 1 1860	1	821.8828	1641.751	2	15.8	0.026	SYPFKESPFLYFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1290.1290.2.da
SXPFKXSPLXFGFR 4 4 5 0 891	1	721.8633	1441.712	2	26.75	0.014	SVPFKSPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1295.1295.2.da
SXPFKXSPLXFGFR 2 1 5 1 432	1	772.8764	1543.738	2	26.23	0.018	SEPFKDSPLFLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1297.1297.2.da
SXPFKXSPLXFGFR 9 6 9 0 1939	1	814.8793	1627.744	2	37.45	0.00053	SYPFKSSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1300.1300.2.da
GPSGVXSXAQLXR 3 6 9 0 739	1	724.8301	1447.646	2	29.42	0.009	GPSGFVSSAQLYR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1301.1301.2.da
SXPFKXSPLXFGFR 9 7 2 0 1945	1	804.8775	1607.741	2	27.91	0.007	SYPFKSPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1303.1303.2.da
SXPFKXSPLXFGFR 9 4 9 0 1899	1	799.8735	1597.733	2	21.84	0.013	SYPFKSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1311.1311.2.da
SXPFKXSPLXFGFR 4 9 4 1 990	1	732.8472	1463.68	2	26.92	0.048	SGPFKSPFLGFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1312.1312.2.da
SXPFKXSPLXFGFR 9 2 9 0 1859	1	835.8848	1669.755	2	17.04	0.021	SYPFKESPFLYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1320.1320.2.da
SXPFKXSPLXFGFR 4 6 3 1 928	1	739.8585	1477.702	2	31.88	0.0046	SGPFKSSPLFFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1336.1336.2.da
GPSGVXSXAQLXR 5 8 1 1 1164	1	675.8377	1349.661	2	37.05	0.0012	GPSGLVSAQLDK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1339.1339.2.da
SXPFKXSPLXFGFR 9 0 9 1 1820	1	792.879	1583.743	2	27.96	0.007	SYPFKASPLYFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1343.1343.2.da
GPSGVXSXAQLXR 5 8 4 1 1170	1	646.8347	1291.655	2	49.87	5.40E-05	GPSGLVSAQLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1344.1344.2.da
SXPFKXSPLXFGFR 9 1 9 0 1839	1	828.8765	1655.738	2	23.06	0.012	SYPFKSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1347.1347.2.da
GPSGVXSXAQLXR 9 5 6 1 1914	1	693.8373	1385.66	2	28.79	0.016	GPSGVLSAQLSK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1348.1348.2.da
SXPFKXSPLXFGFR 2 9 2 0 585	1	818.8774	1635.733	2	24.16	0.0098	SEPFKSPFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1349.1349.2.da
GPSGVXSXAQLXR 5 0 9 1 1020	1	685.8414	1369.668	2	39.81	0.00054	GPSGLVSAALYK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1354.1354.2.da
GPSGVXSXAQLXR 9 5 4 1 1910	1	678.832	1355.649	2	36.59	0.0013	GPSGVLSAQLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1359.1359.2.da
GPSGVXSXAQLXR 5 8 2 1 1166	1	682.8466	1363.679	2	48.04	8.70E-05	GPSGLVSAQLEK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1361.1361.2.da
GPSGVXSXAQLXR 4 0 3 0 807	1	663.8113	1325.608	2	36.05	0.0017	GPSGGVSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1363.1363.2.da
SXPFKXSPLXFGFR 5 2 9 1 1060	1	796.894	1591.774	2	24.41	0.0089	SLPFKESPLYFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1375.1375.2.da
GPSGVXSXAQLXR 5 8 4 0 1169	1	660.8381	1319.662	2	61.77	1.10E-06	GPSGLVSAQLGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1376.1376.2.da
GPSGVXSXAQLXR 5 0 8 1 1018	1	653.8427	1305.671	2	53.11	2.10E-05	GPSGLVSAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1377.1377.2.da
SXPFKXSPLXFGFR 0 9 9 0 199	1	806.882	1611.749	2	34.81	0.00079	SAPFKSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1384.1384.2.da
SXPFKXSPLXFGFR 5 0 4 0 1009	1	728.8711	1455.728	2	31.93	0.0022	SLPFKASPLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1385.1385.2.da
GPSGVXSXAQLXR 5 0 9 0 1019	1	699.8423	1397.67	2	59.56	5.00E-06	GPSGLVSAALYR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1388.1388.2.da
GPSGVXSXAQLXR 5 8 1 0 1163	1	689.8414	1377.668	2	45.77	9.40E-05	GPSGLVSAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1391.1391.2.da
GPSGVXSXAQLXR 9 3 6 1 1874	1	710.8311	1419.648	2	34.63	0.0028	GPSGVSFAQLSK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1392.1392.2.da
GPSGVXSXAQLXR 3 0 9 1 620	1	702.8334	1403.652	2	29.55	0.0092	GPSGFVSAALYK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1394.1394.2.da
SXPFKXSPLXFGFR 4 0 3 1 808	1	731.861	1461.707	2	36.23	0.00039	SGPFKASPLFFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1400.1400.2.da
SXPFKXSPLXFGFR 5 0 0 0 1001	1	735.8795	1469.744	2	33.02	0.00052	SLPFKASPLAFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1401.1401.2.da
GPSGVXSXAQLXR 5 6 5 1 1132	1	668.8478	1335.681	2	52.41	3.50E-05	GPSGLVSAQLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1404.1404.2.da
GPSGVXSXAQLXR 9 5 6 0 1913	1	707.8387	1413.663	2	25.33	0.018	GPSGVLSAQLSR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1405.1405.2.da
GPSGVXSXAQLXR 5 8 2 0 1165	1	696.8495	1391.684	2	48.7	6.10E-05	GPSGLVSAQLER	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1408.1408.2.da
SXPFKXSPLXFGFR 0 8 1 0 163	1	750.8651	1499.716	2	30.48	0.0066	SAPFKVSPDLDFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1415.1415.2.da
SXPFKXSPLXFGFR 1 2 5 0 251	1	786.8764	1571.738	2	19.97	0.05	SDPFKESPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1417.1417.2.da
GPSGVXSXAQLXR 5 4 5 0 1091	1	667.8455	1333.676	2	80.79	1.60E-08	GPSGLVSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1418.1418.2.da
GPSGVXSXAQLXR 3 8 1 0 763	1	706.8329	1411.651	2	53.43	1.20E-05	GPSGFVSAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1419.1419.2.da
GPSGVXSXAQLXR 3 0 8 1 618	1	670.8347	1339.655	2	49.93	9.10E-05	GPSGFVSAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1420.1420.2.da
GPSGVXSXAQLXR 3 0 9 0 619	1	716.8343	1431.654	2	42.34	0.00045	GPSGFVSAALYR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1421.1421.2.da
SXPFKXSPLXFGFR 4 8 8 1 978	1	721.8763	1441.738	2	35.49	0.00097	SGPFKSPVLFVFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1425.1425.2.da
GPSGVXSXAQLXR 9 3 1 1 1864	1	724.8289	1447.643	2	46.88	0.00015	GPSGVSFAQLDK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1426.1426.2.da
GPSGVXSXAQLXR 3 8 4 0 769	1	677.8293	1353.644	2	51.67	3.30E-05	GPSGFVSAQLGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1427.1427.2.da
SXPFKXSPLXFGFR 9 9 2 0 1985	1	835.885	1669.756	2	30.69	0.0009	SYPFKSPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1439.1439.2.da
SXPFKXSPLXFGFR 9 9 4 0 1989	1	799.8744	1597.734	2	25.65	0.0045	SYPFKSPLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1440.1440.2.da
GPSGVXSXAQLXR 9 3 1 0 1863	1	738.8309	1475.647	2	50.1	4.00E-05	GPSGVSFAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1448.1448.2.da
SXPFKXSPLXFGFR 9 9 9 1 2000	1	838.8909	1675.767	2	24.9	0.0032	SYPFKSPLVYFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1459.1459.2.da
SXPFKXSPLXFGFR 8 9 9 0 1799	1	820.8976	1639.781	2	13.59	0.044	SVPFKSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1465.1465.2.da
GPSGVXSXAQLXR 3 4 5 0 691	1	684.8378	1367.661	2	23.64	0.018	GPSGFVSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1466.1466.2.da
GPSGVXSXAQLXR 4 5 8 1 918	1	646.8354	1291.656	2	40.03	0.00052	GPSGLVSAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1467.1467.2.da
GPSGVXSXAQLXR 6 8 5 1 1372	1	661.8386	1321.663	2	35.95	0.0013	GPSGSVSAQLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1469.1469.2.da
SXPFKXSPLXFGFR 5 0 8 0 1017	1	749.8955	1497.777	2	25	0.0047	SLPFKASPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1479.1479.2.da
SXPFKXSPLXFGFR 0 8 0 1 162	1	714.8698	1427.725	2	23.02	0.012	SAPFKSPLAFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1488.1488.2.da
SXPFKXSPLXFGFR 9 9 9 0 1999	1	852.8956	1703.777	2	24.43	0.0036	SYPFKSPLVYFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1490.1490.2.da
SXPFKXSPLXFGFR 2 9 5 1 592	1	796.8946	1591.775	2	19.2	0.035	SEPFKSPFLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1496.1496.2.da
SXPFKXSPLXFGFR 0 5 4 0 109	1	728.872	1455.73	2	41.09	0.00027	SAPFKSPLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1503.1503.2.da
SXPFKXSPLXFGFR 0 8 6 0 173	1	736.867	1471.72	2	25.72	0.01	SAPFKSPLSFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1505.1505.2.da
SXPFKXSPLXFGFR 7 5 2 1 1506	1	765.8847	1529.755	2	25.46	0.0047	STPFKLSPLFLGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1506.1506.2.da
SXPFKXSPLXFGFR 9 1 3 1 1828	1	806.8754	1611.736	2	20.16	0.016	SVPFKDSPLFFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1507.1507.2.da
GPSGVXSXAQLXR 9 0 3 1 1808	1	702.8327	1403.651	2	36.48	0.0019	GPSGVSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1511.1511.2.da
SXPFKXSPLXFGFR 9 0 3 1 1808	1	784.8819	1567.749	2	18.91	0.034	SYPFKASPLFFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1519.1519.2.da
SXPFKXSPLXFGFR 5 1 5 0 1031	1	778.8979	1555.781	2	24.85	0.012	SLPFKDSPLFLGFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1521.1521.2.da
GPSGVXSXAQLXR 5 6 3 1 1128	1	685.8403	1369.666	2	28.56	0.0072	GPSGLVSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1524.1524.2.da
GPSGVXSXAQLXR 0 8 5 1 172	1	653.8427	1305.671	2	29.57	0.0048	GPSGAVSAQLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1528.1528.2.da
SXPFKXSPLXFGFR 7 8 2 1 1566	1	758.8778	1515.741	2	24.93	0.013	STPFKSPLEFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1543.1543.2.da
SXPFKXSPLXFGFR 4 3 4 1 870	1	724.8536	1447.693	2	29.53	0.0013	SGPFKESPLGFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1544.1544.2.da
SXPFKXSPLXFGFR 4 9 3 1 988	1	777.874	1553.734	2	21.25	0.027	SGPFKSPVLFVFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1545.1545.2.da
GPSGVXSXAQLXR 9 0 3 0 1807	1	716.8357	1431.657	2	47.58	9.20E-05	GPSGVSFAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1546.1546.2.da
GPSGVXSXAQLXR 5 6 5 1 1114	1	668.848	1335.682	2	22.77	0.032	GPSGLVLSAQLSK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1549.1549.2.da
SXPFKXSPLXFGFR 4 3 6 1 874	1	739.8571	1477.7	2	25.03	0.023	SGPFKSPFLGFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1553.1553.2.da
GPSGVXSXAQLXR 3 4 3 1 688	1	687.8262	1373.638	2	34.99	0.0023	GPSGFVSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1554.1554.2.da
GPSGVXSXAQLXR 3 7 5 0 751	1	706.8503	1411.686	2	24.26	0.0056	GPSGFVSTAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1556.1556.2.da
SXPFKXSPLXFGFR 0 5 1 0 103	1	757.8749	1513.735	2	21.01	0.025	SAPFKLSPLDFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1559.1559.2.da

GPSGVXSAQXLR 3 3 2 0 665	1	737.8397	1473.665	2	51.59	2.90E-05	GPSGVFVSAQLER	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1667.1667.2.dta
GPSGVXSAQXLR 5 5 7 0 1115	1	689.8583	1377.702	2	53.77	1.60E-05	GPSGLVLSAQLTR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1668.1668.2.dta
GPSGVXSAQXLR 5 3 7 0 1075	1	706.849	1411.683	2	32.01	0.0023	GPSGLVLSAQLTR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1672.1672.2.dta
SXPFKXSPLXFR 5 5 6 1 1114	1	750.8975	1499.781	2	21.09	0.018	SLPFKLSPLFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1681.1681.2.dta
GPSGVXSAQXLR 8 5 8 1 1718	1	667.8602	1333.706	2	58.84	2.90E-06	GPSGVVLSAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1683.1683.2.dta
SXPFKXSPLXFR 1 5 8 1 318	1	757.8891	1513.764	2	26.79	0.013	SDPFKLSPLVFGK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1687.1687.2.dta
GPSGVXSAQXLR 4 5 5 1 912	1	653.8441	1305.674	2	64.49	1.50E-06	GPSGGVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1688.1688.2.dta
GPSGVXSAQXLR 3 3 0 1 662	1	694.8361	1387.658	2	21.92	0.043	GPSGVVLSAQLAK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1689.1689.2.dta
GPSGVXSAQXLR 9 8 5 0 1971	1	713.8601	1425.706	2	48.13	3.20E-05	GPSGVVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1703.1703.2.dta
GPSGVXSAQXLR 5 1 5 0 1031	1	696.8498	1391.685	2	29.14	0.0055	GPSGLVSDAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1704.1704.2.dta
SXPFKXSPLXFR 9 8 3 0 1967	1	812.9009	1623.787	2	33.18	0.00065	SYPFKVSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1711.1711.2.dta
SXPFKXSPLXFR 5 6 5 0 1131	1	764.9008	1527.787	2	26.94	0.0031	SLPFKSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1712.1712.2.dta
SXPFKXSPLXFR 4 3 5 1 872	1	752.8854	1503.756	2	26.68	0.0039	SGPFKSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1713.1713.2.dta
SXPFKXSPLXFR 5 5 0 0 1101	1	756.9030	1511.791	2	32.99	0.0005	SLPFKLSPLAFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1719.1719.2.dta
GPSGVXSAQXLR 0 5 5 1 1112	1	660.8506	1319.687	2	27.62	0.0056	GPSGAVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1724.1724.2.dta
SXPFKXSPLXFR 5 5 4 0 1109	1	749.8963	1497.778	2	38.29	0.00022	SLPFKLSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1727.1727.2.dta
SXPFKXSPLXFR 3 9 5 1 792	1	805.9068	1609.799	2	17.05	0.021	SFPFKVSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1728.1728.2.dta
GPSGVXSAQXLR 5 0 3 0 1007	1	691.8464	1381.678	2	65.41	4.30E-07	GPSGLVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1729.1729.2.dta
SXPFKXSPLXFR 5 9 3 0 1187	1	819.9111	1637.808	2	15.48	0.038	SLPFKVSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1735.1735.2.dta
GPSGVXSAQXLR 0 3 5 1 72	1	677.8444	1353.674	2	32.69	0.002	GPSGAVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1736.1736.2.dta
GPSGVXSAQXLR 2 3 5 0 471	1	720.8483	1439.682	2	31.05	0.0026	GPSGEVSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1753.1753.2.dta
GPSGVXSAQXLR 0 5 5 0 1111	1	674.853	1347.691	2	35.54	0.00028	GPSGAVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1760.1760.2.dta
SXPFKXSPLXFR 0 5 3 0 107	1	773.8961	1545.778	2	32.76	0.00053	SAPFKLSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1767.1767.2.dta
GPSGVXSAQXLR 3 5 9 0 719	1	737.8595	1473.704	2	32.62	0.002	GPSGVVLSAQLYR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1783.1783.2.dta
GPSGVXSAQXLR 6 5 3 0 1307	1	699.8425	1397.671	2	43.79	0.00011	GPSGVVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1784.1784.2.dta
GPSGVXSAQXLR 9 8 3 1 1968	1	716.8483	1431.682	2	24.05	0.021	GPSGVVLSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1787.1787.2.dta
SXPFKXSPLXFR 5 4 3 0 1087	1	766.8881	1531.762	2	21.01	0.014	SLPFKVSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1791.1791.2.dta
GPSGVXSAQXLR 9 8 3 0 1967	1	730.8513	1459.688	2	53.38	1.80E-05	GPSGVVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1792.1792.2.dta
SXPFKXSPLXFR 3 3 0 1 662	1	776.8859	1551.757	2	15.81	0.028	SFPFKFSLAFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1793.1793.2.dta
GPSGVXSAQXLR 3 3 9 0 719	1	754.8515	1507.689	2	58.26	6.00E-06	GPSGVVLSAQLYR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1807.1807.2.dta
GPSGVXSAQXLR 4 3 3 1 868	1	687.8275	1373.64	2	45.48	0.0002	GPSGGVLSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1808.1808.2.dta
GPSGVXSAQXLR 4 5 3 0 907	1	684.8384	1367.662	2	24.04	0.017	GPSGGVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1815.1815.2.dta
SXPFKXSPLXFR 5 8 3 0 1167	1	787.9127	1573.811	2	15.81	0.026	SLPFKVSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1824.1824.2.dta
GPSGVXSAQXLR 3 5 5 1 712	1	698.8688	1395.723	2	16.68	0.047	GPSGVVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1831.1831.2.dta
GPSGVXSAQXLR 4 3 3 0 867	1	701.8298	1401.645	2	39.22	0.00022	GPSGGVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1841.1841.2.dta
GPSGVXSAQXLR 3 5 8 1 718	1	691.8606	1381.707	2	42.03	0.00017	GPSGVVLSAQLVK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1847.1847.2.dta
GPSGVXSAQXLR 9 3 5 1 1872	1	723.8575	1445.701	2	35.81	0.0013	GPSGGVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1856.1856.2.dta
SXPFKXSPLXFR 9 5 3 0 1907	1	819.9108	1637.807	2	18.19	0.02	SYPFKVSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1857.1857.2.dta
GPSGVXSAQXLR 5 8 8 0 1117	1	688.8704	1375.726	2	71.98	1.20E-07	GPSGLVLSAQLVR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1863.1863.2.dta
SXPFKXSPLXFR 9 3 3 0 1867	1	836.9013	1671.788	2	30.71	0.0013	SYPFKVSPFLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1864.1864.2.dta
GPSGVXSAQXLR 5 8 5 1 1172	1	674.8678	1347.721	2	43.22	0.00014	GPSGLVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1871.1871.2.dta
GPSGVXSAQXLR 9 5 5 0 1911	1	720.8683	1439.722	2	66.77	4.40E-07	GPSGVVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1879.1879.2.dta
SXPFKXSPLXFR 5 3 5 1 1072	1	780.9178	1559.821	2	13.02	0.05	SLPFKVSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1880.1880.2.dta
GPSGVXSAQXLR 3 5 8 0 717	1	705.8629	1409.711	2	48.3	1.80E-05	GPSGVVLSAQLVR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1881.1881.2.dta
SXPFKXSPLXFR 1 5 3 0 307	1	795.892	1589.769	2	25.02	0.009	SDPFKLSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1882.1882.2.dta
SXPFKXSPLXFR 5 5 5 1 1112	1	763.9246	1525.835	2	21.21	0.0076	SLPFKLSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1895.1895.2.dta
SXPFKXSPLXFR 5 5 5 0 1111	1	777.9287	1553.843	2	14.58	0.047	SLPFKVSPLFGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1911.1911.2.dta
GPSGVXSAQXLR 9 3 3 1 1868	1	740.8494	1479.684	2	43.36	0.00044	GPSGVVLSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1943.1943.2.dta
GPSGVXSAQXLR 8 3 5 1 1672	1	691.8609	1381.707	2	19.86	0.028	GPSGGVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1960.1960.2.dta
GPSGVXSAQXLR 9 3 3 0 1867	1	754.8519	1507.689	2	45.57	0.00011	GPSGVVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1969.1969.2.dta
GPSGVXSAQXLR 3 8 3 0 767	1	722.8521	1443.69	2	30.69	0.0033	GPSGGVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1977.1977.2.dta
GPSGVXSAQXLR 8 5 3 0 1707	1	705.8621	1409.71	2	37.83	0.0002	GPSGVVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.1991.1991.2.dta
GPSGVXSAQXLR 5 3 5 1 1072	1	698.8674	1395.72	2	37.86	0.00038	GPSGGVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2002.2002.2.dta
GPSGVXSAQXLR 3 3 5 1 672	1	715.8609	1429.707	2	40.58	0.00033	GPSGVVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2023.2023.2.dta
GPSGVXSAQXLR 5 5 5 1 1112	1	681.8762	1361.738	2	55.09	5.10E-06	GPSGLVLSAQLLK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2025.2025.2.dta
GPSGVXSAQXLR 5 3 5 0 1071	1	712.8709	1423.727	2	32.11	0.00062	GPSGLVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2031.2031.2.dta
GPSGVXSAQXLR 3 3 5 0 671	1	729.8617	1457.709	2	31.28	0.0019	GPSGVVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2047.2047.2.dta
GPSGVXSAQXLR 5 5 5 0 1111	1	695.8791	1389.744	2	54.5	3.50E-06	GPSGLVLSAQLLR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2055.2055.2.dta
GPSGVXSAQXLR 5 3 3 1 1108	1	698.8689	1395.723	2	48.65	3.00E-05	GPSGLVLSAQLFK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2111.2111.2.dta
GPSGVXSAQXLR 3 3 3 0 667	1	746.8554	1491.696	2	25.45	0.0064	GPSGVVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2147.2147.2.dta
GPSGVXSAQXLR 5 5 3 0 1107	1	712.8719	1423.729	2	47.16	4.00E-05	GPSGLVLSAQLFR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.2151.2151.2.dta
GPSGVXSAQXLR 0 1 0 1 22	1	640.8	1279.585	2	53.69	3.80E-05	GPSGAVSDAQLAK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.783.783.2.dta
GPSGVXSAQXLR 2 1 1 0 423	1	705.8006	1409.587	2	19.38	0.019	GPSGEVSDAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.793.793.2.dta
GPSGVXSAQXLR 6 0 6 0 1213	1	648.7988	1295.583	2	45.19	4.50E-05	GPSGGVLSAQLSR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.799.799.2.dta
GPSGVXSAQXLR 6 0 7 0 1215	1	655.8067	1309.599	2	21.6	0.0093	GPSGGVLSAQLTR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.807.807.2.dta
GPSGVXSAQXLR 1 7 7 0 355	1	684.8135	1367.613	2	18.88	0.031	GPSGDVSAQLTR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.808.808.2.dta
GPSGVXSAQXLR 2 7 1 0 543	1	698.811	1395.608	2	55.94	1.50E-05	GPSGEVSTAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.815.815.2.dta
GPSGVXSAQXLR 1 0 6 0 213	1	662.7981	1323.582	2	44.79	0.00013	GPSGGVLSAQLSR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.816.816.2.dta
GPSGVXSAQXLR 1 1 7 0 235	1	691.8031	1381.592	2	28.56	0.004	GPSGDVSDAQLTR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.817.817.2.dta
GPSGVXSAQXLR 2 1 2 0 425	1	712.809	1423.603	2	39.2	0.00072	GPSGEVSDAQLER	Phospho (ST)	0.00000010000000	AJC_synth_test_25.819.819.2.dta
GPSGVXSAQXLR 2 0 1 1 404	1	669.8036	1337.593	2	37.72	0.0013	GPSGEVSAQLDK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.823.823.2.dta
GPSGVXSAQXLR 4 0 4 0 809	1	618.7921	1235.57	2	41.46	0.00027	GPSGGVLSAQLGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.824.824.2.dta
GPSGVXSAQXLR 0 2 1 0 43	1	683.8058	1365.597	2	38.58	0.00091	GPSGAVSEAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.825.825.2.dta
GPSGVXSAQXLR 1 0 1 0 203	1	676.7974	1351.58	2	25.08	0.02	GPSGDVSAQLDR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.827.827.2.dta
GPSGVXSAQXLR 2 2 2 0 445	1	719.816	1437.618	2	39.71	0.0014	GPSGEVSEAQLER	Phospho (ST)	0.00000010000000	AJC_synth_test_25.839.839.2.dta
GPSGVXSAQXLR 0 2 2 0 45	1	690.8132	1379.612	2	48.18	0.00017	GPSGAVSEAQLER	Phospho (ST)	0.00000010000000	AJC_synth_test_25.847.847.2.dta
GPSGVXSAQXLR 0 0 4 0 9	1	625.8002	1249.586	2	25.21	0.003	GPSGAVSAQLGR	Phospho (ST)	0.00000010000000	AJC_synth_test_25.849.849.2.dta
GPSGVXSAQXLR 9 6 6 1 1934	1	680.8124	1359.61	2	47.45	0.00022	GPSGVVSSAQLSK	Phospho (ST)	0.00000010000000	AJC_synth_test_25.855.855.2.dta
GPSGVXSAQXLR 8 4 6 0 1693	1	647.8087	1293.603	2	41.11	0.00076	GPSGVVSSAQLSR	Phospho (ST)	0.0000	

SXPFKXSPLXFGR 8 0 4 1 1610	1	707.8601	1413.706	2	20.75	0.035	SVPFKASPLGFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1005.1005.2.dta
GPSGVXSQAQLXR 5 0 4 0 1009	1	646.8184	1291.622	2	53.7	2.20E-05	GPSGLVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1008.1008.2.dta
SXPFKXSPLXFGR 6 0 1 1 1204	1	730.8448	1459.675	2	26.91	0.013	SPPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1009.1009.2.dta
SXPFKXSPLXFGR 0 7 9 1 160	1	761.8737	1521.733	2	24.91	0.015	SAPFKTSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1011.1011.2.dta
SXPFKXSPLXFGR 0 2 9 0 59	1	789.8712	1577.728	2	43.82	0.00027	SAPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1012.1012.2.dta
GPSGVXSQAQLXR 3 0 4 1 610	1	649.8106	1297.607	2	44.39	0.00024	GPSGVVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1013.1013.2.dta
GPSGVXSQAQLXR 9 8 4 0 1969	1	685.8262	1369.638	2	58.88	5.80E-06	GPSGVVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1016.1016.2.dta
SXPFKXSPLXFGR 6 2 9 0 1259	1	797.8677	1593.721	2	31.79	0.00037	SPPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1017.1017.2.dta
GPSGVXSQAQLXR 8 8 4 0 1769	1	653.8292	1305.644	2	61.89	6.50E-07	GPSGVVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1019.1019.2.dta
SXPFKXSPLXFGR 2 2 8 0 457	1	786.876	1571.738	2	35.99	0.0012	SEFPKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1020.1020.2.dta
GPSGVXSQAQLXR 1 4 3 1 288	1	671.805	1341.595	2	29.28	0.0087	GPSGVVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1021.1021.2.dta
GPSGVXSQAQLXR 9 6 5 1 1932	1	693.8384	1385.662	2	33.79	0.0056	GPSGVVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1025.1025.2.dta
GPSGVXSQAQLXR 2 5 1 0 503	1	704.8275	1407.64	2	47.62	0.00011	GPSGVEVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1026.1026.2.dta
SXPFKXSPLXFGR 8 0 6 1 1614	1	722.8662	1443.718	2	29.95	0.0056	SVPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1028.1028.2.dta
GPSGVXSQAQLXR 0 5 2 1 1106	1	668.8298	1335.645	2	41.29	0.00043	GPSGAVSLAQLKE	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1032.1032.2.dta
GPSGVXSQAQLXR 3 0 4 0 609	1	663.8121	1325.61	2	43.41	0.00018	GPSGVVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1033.1033.2.dta
GPSGVXSQAQLXR 5 4 8 0 1097	1	660.8374	1319.66	2	64.86	5.40E-07	GPSGLVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1034.1034.2.dta
SXPFKXSPLXFGR 2 1 9 0 439	1	811.8659	1621.717	2	38.47	0.00046	SEFPKDSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1036.1036.2.dta
SXPFKXSPLXFGR 2 2 9 0 459	1	818.8734	1635.732	2	23.36	0.012	SEFPKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1038.1038.2.dta
GPSGVXSQAQLXR 5 4 9 0 1099	1	692.8363	1383.658	2	32.73	0.0014	GPSGLVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1040.1040.2.dta
GPSGVXSQAQLXR 9 8 2 0 1965	1	721.8383	1441.662	2	62.47	2.40E-06	GPSGVVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1042.1042.2.dta
GPSGVXSQAQLXR 3 4 9 1 700	1	695.8236	1389.633	2	48.14	9.20E-05	GPSGVVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1044.1044.2.dta
GPSGVXSQAQLXR 8 8 2 0 1765	1	689.8401	1377.666	2	52.05	2.1E-05	GPSGVVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1045.1045.2.dta
GPSGVXSQAQLXR 5 1 8 1 1038	1	675.838	1349.662	2	39.32	0.00072	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1048.1048.2.dta
SXPFKXSPLXFGR 9 0 0 1 1802	1	746.8657	1491.717	2	26.1	0.016	SYPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1049.1049.2.dta
SXPFKXSPLXFGR 0 2 5 1 52	1	750.879	1499.744	2	38.28	0.00082	SAPFKESPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1050.1050.2.dta
GPSGVXSQAQLXR 0 3 1 1 64	1	678.8127	1355.611	2	35.4	0.0029	GPSGAVSFAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1052.1052.2.dta
GPSGVXSQAQLXR 1 3 1 0 263	1	714.8107	1427.607	2	25.29	0.0052	GPSGVSFAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1053.1053.2.dta
SXPFKXSPLXFGR 1 6 1 0 323	1	766.8424	1531.67	2	41.15	0.00032	SDFPKSSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1056.1056.2.dta
SXPFKXSPLXFGR 9 4 9 1 1900	1	785.8707	1569.727	2	22.71	0.025	SYPFKGSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1057.1057.2.dta
GPSGVXSQAQLXR 4 3 4 0 869	1	656.806	1311.597	2	57	9.30E-06	GPSGGVSFAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1058.1058.2.dta
GPSGVXSQAQLXR 9 6 9 1 1940	1	800.8755	1599.736	2	23.55	0.011	SYPFKGSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1060.1060.2.dta
GPSGVXSQAQLXR 0 5 2 0 105	1	682.8332	1363.652	2	24.26	0.018	GPSGAVSLAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1061.1061.2.dta
SXPFKXSPLXFGR 7 5 1 1 1504	1	758.8783	1515.742	2	25.34	0.016	STPFKLSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1064.1064.2.dta
SXPFKXSPLXFGR 9 1 0 0 1821	1	782.8626	1563.711	2	31.94	0.0037	SYPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1067.1067.2.dta
GPSGVXSQAQLXR 5 7 9 1 1160	1	700.8459	1399.677	2	43	0.00066	GPSGLVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1068.1068.2.dta
SXPFKXSPLXFGR 4 9 4 1 990	1	732.8501	1463.686	2	27.61	0.014	SGPFKSPLYGFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1072.1072.2.dta
SXPFKXSPLXFGR 9 1 6 0 1833	1	790.8596	1579.705	2	40.15	0.00055	SYPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1073.1073.2.dta
SXPFKXSPLXFGR 6 9 4 1 1390	1	747.854	1493.694	2	23.05	0.046	SYPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1074.1074.2.dta
SXPFKXSPLXFGR 9 2 9 1 1860	1	821.8812	1641.748	2	24.72	0.0034	SYPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1076.1076.2.dta
GPSGVXSQAQLXR 3 6 9 0 739	1	724.8314	1447.648	2	64.77	2.70E-06	GPSGVVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1078.1078.2.dta
SXPFKXSPLXFGR 1 0 1 1 204	1	744.8427	1487.671	2	26.98	0.0096	SDFPKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1080.1080.2.dta
SXPFKXSPLXFGR 9 4 9 0 1899	1	799.8732	1597.732	2	39.42	0.00022	SYPFKGSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1081.1081.2.dta
SXPFKXSPLXFGR 5 7 2 1 1146	1	765.8873	1529.76	2	20.37	0.022	SLPKTSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1082.1082.2.dta
SXPFKXSPLXFGR 9 7 2 0 1945	1	804.8766	1607.739	2	25.81	0.011	SYPFKTSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1084.1084.2.dta
SXPFKXSPLXFGR 5 6 2 0 1125	1	772.8793	1543.744	2	38.68	0.00077	SLPKKSSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1089.1089.2.dta
SXPFKXSPLXFGR 2 2 5 0 451	1	793.8846	1585.755	2	43.45	0.00014	SEFPKESPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1090.1090.2.dta
SXPFKXSPLXFGR 9 1 9 1 1840	1	814.8734	1627.732	2	29.68	0.0013	SYPFKDSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1091.1091.2.dta
SXPFKXSPLXFGR 6 9 4 0 1389	1	761.8574	1521.7	2	33.64	0.0018	SEFPKSPLYGFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1096.1096.2.dta
SXPFKXSPLXFGR 0 9 2 0 185	1	789.871	1577.728	2	23.36	0.03	SAPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1097.1097.2.dta
GPSGVXSQAQLXR 4 0 3 1 808	1	649.8106	1297.607	2	45.04	0.00021	GPSGVVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1100.1100.2.dta
GPSGVXSQAQLXR 3 7 9 1 760	1	717.8383	1433.662	2	34.12	0.0048	GPSGVSFAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1101.1101.2.dta
SXPFKXSPLXFGR 9 0 9 1 1820	1	792.8785	1583.743	2	24.88	0.014	SYPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1104.1104.2.dta
SXPFKXSPLXFGR 6 9 2 0 1385	1	797.8673	1593.72	2	25.62	0.015	SPPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1107.1107.2.dta
SXPFKXSPLXFGR 9 7 9 1 1960	1	807.8838	1613.753	2	19.68	0.029	SYPFKTSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1110.1110.2.dta
GPSGVXSQAQLXR 5 8 4 1 1170	1	646.8342	1291.654	2	56.45	1.20E-05	GPSGLVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1113.1113.2.dta
GPSGVXSQAQLXR 9 6 3 1 1928	1	710.8292	1419.644	2	39.72	0.00088	GPSGVVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1115.1115.2.dta
SXPFKXSPLXFGR 3 6 4 1 730	1	739.8573	1477.7	2	25.17	0.018	SPPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1117.1117.2.dta
SXPFKXSPLXFGR 5 1 2 0 1025	1	786.8767	1571.739	2	42.58	0.00036	SLPKKDSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1121.1121.2.dta
GPSGVXSQAQLXR 9 5 6 1 1914	1	693.8373	1385.66	2	34.71	0.0041	GPSGVVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1122.1122.2.dta
GPSGVXSQAQLXR 5 0 9 1 1020	1	685.8404	1369.666	2	39.84	0.00054	GPSGLVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1123.1123.2.dta
SXPFKXSPLXFGR 2 9 2 0 585	1	818.8742	1635.734	2	34.08	0.001	SEFPKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1124.1124.2.dta
GPSGVXSQAQLXR 5 9 1 0 1183	1	721.838	1441.661	2	62.48	2.40E-06	GPSGLVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1128.1128.2.dta
SXPFKXSPLXFGR 9 0 9 0 1819	1	806.8815	1611.748	2	35.68	0.00069	SYPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1129.1129.2.dta
GPSGVXSQAQLXR 5 0 8 1 1018	1	653.8425	1305.67	2	48.83	5.70E-05	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1131.1131.2.dta
GPSGVXSQAQLXR 9 4 3 0 1887	1	709.8234	1417.632	2	82.34	5.20E-08	GPSGVVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1132.1132.2.dta
GPSGVXSQAQLXR 5 8 1 0 1163	1	689.8405	1377.667	2	66.84	6.90E-07	GPSGLVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1136.1136.2.dta
SXPFKXSPLXFGR 7 8 1 1 1564	1	751.8691	1501.724	2	31.21	0.0033	STPFKSPLYDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1138.1138.2.dta
GPSGVXSQAQLXR 4 9 5 1 1992	1	678.8322	1355.65	2	33.85	0.0025	GPSGGVSQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1139.1139.2.dta
SXPFKXSPLXFGR 9 8 0 0 1961	1	774.885	1547.756	2	32.03	0.0017	SYPFKVSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1140.1140.2.dta
GPSGVXSQAQLXR 5 8 4 0 1169	1	660.8376	1319.661	2	59.38	1.90E-06	GPSGLVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1141.1141.2.dta
GPSGVXSQAQLXR 8 5 1 1 1704	1	675.8375	1349.661	2	52.8	3.20E-05	GPSGVVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1142.1142.2.dta
GPSGVXSQAQLXR 3 8 1 1 764	1	692.8297	1383.645	2	34.66	0.0022	GPSGFVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1144.1144.2.dta
GPSGVXSQAQLXR 5 0 9 0 1019	1	699.8423	1397.67	2	53.2	2.20E-05	GPSGLVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1145.1145.2.dta
SXPFKXSPLXFGR 2 9 1 0 583	1	811.8657	1621.717	2	23.41	0.015	SEFPKSPLYDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1146.1146.2.dta
GPSGVXSQAQLXR 5 6 5 1 1132	1	668.8475	1335.681	2	50.53	5.40E-05	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1147.1147.2.dta
SXPFKXSPLXFGR 8 9 2 0 1785	1	803.8875	1605.76	2	30.22	0.0045	SVPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1148.1148.2.dta
GPSGVXSQAQLXR 9 3 1 0 1863	1	738.8287	14							

SXPFKXSPLXFG	9 9 9 1	2000	1	838.8912	1675.768	2	24	0.0072	SYPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1197.1197.2.dta
GPSGVXSQAQLXR	9 3 0 1	1862	1	702.8321	1403.65	2	45.22	0.00028	GPSGVVSFAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1202.1202.2.dta
GPSGVXSQAQLXR	4 8 5 1	1972	1	646.8343	1291.654	2	59.58	5.70E-06	GPSGVVSVAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1204.1204.2.dta
SXPFKXSPLXFG	1 5 1 5	1032	1	764.8979	1527.781	2	23.81	0.017	SLPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1206.1206.2.dta
SXPFKXSPLXFG	1 9 9 0	1839	1	828.8768	1655.739	2	25.48	0.0069	SYPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1208.1208.2.dta
SXPFKXSPLXFG	1 9 3 7	11876	1	717.838	1433.661	2	33.02	0.0066	GPSGVVSFAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1210.1210.2.dta
SXPFKXSPLXFG	1 9 9 0	1999	1	852.8953	1703.776	2	24.25	0.0038	SYPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1213.1213.2.dta
SXPFKXSPLXFG	3 2 9 1	1660	1	813.885	1625.756	2	16.97	0.03	SFPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1214.1214.2.dta
SXPFKXSPLXFG	7 8 0 0	1561	1	743.8749	1485.735	2	26.89	0.0095	STPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1216.1216.2.dta
SXPFKXSPLXFG	3 1 9 1	1640	1	806.8752	1611.736	2	17.32	0.031	SFPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1217.1217.2.dta
GPSGVXSQAQLXR	0 5 8 1	1118	1	653.8419	1305.669	2	43.72	0.00018	GPSGAVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1218.1218.2.dta
GPSGVXSQAQLXR	3 8 7 1	1776	1	685.8397	1369.665	2	35.44	0.0017	GPSGFVSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1220.1220.2.dta
GPSGVXSQAQLXR	9 0 3 1	1808	1	784.8811	1567.748	2	22.54	0.015	SYPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1224.1224.2.dta
SXPFKXSPLXFG	6 5 4 0	1309	1	736.8671	1471.72	2	21.11	0.03	SDPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1225.1225.2.dta
GPSGVXSQAQLXR	4 9 3 1	1988	1	695.8235	1389.633	2	25.13	0.018	GPSGVVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1228.1228.2.dta
GPSGVXSQAQLXR	3 1 8 0	637	1	706.8287	1411.643	2	52.09	1.40E-05	GPSGVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1229.1229.2.dta
SXPFKXSPLXFG	7 5 2 0	1505	1	779.8867	1557.759	2	24.53	0.016	STPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1232.1232.2.dta
GPSGVXSQAQLXR	5 7 5 0	1151	1	689.8597	1377.705	2	62.04	2.40E-06	GPSGLVSTAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1233.1233.2.dta
GPSGVXSQAQLXR	3 7 5 1	1752	1	692.8481	1383.682	2	49.95	4.70E-05	GPSGFVSTAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1234.1234.2.dta
GPSGVXSQAQLXR	8 3 7 0	1675	1	699.8405	1397.667	2	66.73	1.10E-06	GPSGVVSFAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1235.1235.2.dta
GPSGVXSQAQLXR	0 8 8 0	177	1	660.8367	1319.659	2	51.1	1.00E-05	GPSGAVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1237.1237.2.dta
GPSGVXSQAQLXR	4 9 3 0	1987	1	709.8256	1417.637	2	75.8	1.70E-07	GPSGVVSQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1245.1245.2.dta
SXPFKXSPLXFG	6 5 9 1	1320	1	775.8887	1549.763	2	19.6	0.033	SDPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1248.1248.2.dta
GPSGVXSQAQLXR	5 4 3 0	1087	1	684.837	1367.66	2	43.45	0.00019	GPSGLVSGAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1250.1250.2.dta
SXPFKXSPLXFG	8 5 4 1	1710	1	728.884	1455.754	2	28.3	0.0067	SVPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1250.1250.2.dta
SXPFKXSPLXFG	0 9 3 0	187	1	798.884	1595.754	2	30.5	0.0012	SAPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1252.1252.2.dta
SXPFKXSPLXFG	6 9 3 1	1388	1	792.8783	1583.742	2	22.31	0.029	SDPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1254.1254.2.dta
SXPFKXSPLXFG	0 1 5 0	31	1	757.8716	1513.729	2	32.86	0.0045	SAPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1256.1256.2.dta
SXPFKXSPLXFG	4 3 4 0	869	1	738.8557	1475.697	2	49.07	4.10E-05	SGPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1257.1257.2.dta
SXPFKXSPLXFG	6 3 6 1	1274	1	754.8629	1507.711	2	22.63	0.047	SDPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1258.1258.2.dta
SXPFKXSPLXFG	7 5 1 0	1503	1	772.8771	1543.74	2	23.89	0.03	STPFKDSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1259.1259.2.dta
GPSGVXSQAQLXR	9 5 9 1	1920	1	731.854	1461.694	2	31.51	0.0047	GPSGVVLSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1260.1260.2.dta
SXPFKXSPLXFG	0 5 8 0	117	1	749.895	1497.775	2	25.81	0.0039	SAPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1261.1261.2.dta
GPSGVXSQAQLXR	9 0 3 0	1807	1	716.8348	1431.655	2	57.33	9.70E-06	GPSGVVSQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1262.1262.2.dta
GPSGVXSQAQLXR	5 5 1 1	1104	1	682.8445	1363.675	2	50.42	5.00E-05	GPSGLVLSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1264.1264.2.dta
SXPFKXSPLXFG	5 9 1 0	1183	1	803.8865	1605.759	2	24.46	0.017	SLPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1265.1265.2.dta
SXPFKXSPLXFG	2 3 2 1	1466	1	796.8713	1591.728	2	18.84	0.02	SEPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1266.1266.2.dta
SXPFKXSPLXFG	6 3 0 0	1261	1	760.868	1519.721	2	31.16	0.0018	SDPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1272.1272.2.dta
SXPFKXSPLXFG	2 5 1 0	503	1	786.8765	1571.739	2	24.53	0.017	SEPFKDSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1273.1273.2.dta
SXPFKXSPLXFG	2 3 0 0	461	1	781.871	1561.728	2	35.78	0.00091	SEPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1274.1274.2.dta
GPSGVXSQAQLXR	3 4 3 0	687	1	701.8296	1401.645	2	47.71	3.00E-05	GPSGVVSQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1275.1275.2.dta
SXPFKXSPLXFG	5 8 2 0	1165	1	778.8984	1555.782	2	29.65	0.0039	SLPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1276.1276.2.dta
GPSGVXSQAQLXR	5 8 9 0	1179	1	713.8592	1425.704	2	55.66	5.70E-06	GPSGLVVSQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1277.1277.2.dta
GPSGVXSQAQLXR	9 5 9 0	1919	1	745.8553	1489.696	2	32.75	0.0022	GPSGVVLSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1280.1280.2.dta
GPSGVXSQAQLXR	5 5 1 0	1103	1	696.8484	1391.682	2	62.74	3.20E-06	GPSGLVLSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1281.1281.2.dta
GPSGVXSQAQLXR	5 3 4 1	1070	1	670.8344	1339.654	2	31.32	0.0066	GPSGLVLSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1282.1282.2.dta
SXPFKXSPLXFG	8 5 7 0	1715	1	764.8996	1527.785	2	32.05	0.00097	SVPFKDSPLTFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1283.1283.2.dta
SXPFKXSPLXFG	2 3 2 0	465	1	810.8732	1619.732	2	30.11	0.0018	SEPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1284.1284.2.dta
GPSGVXSQAQLXR	4 8 3 1	1968	1	663.8265	1325.639	2	54.64	2.60E-05	GPSGVVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1285.1285.2.dta
SXPFKXSPLXFG	9 5 6 0	1913	1	789.893	1577.772	2	32.37	0.0013	SYPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1288.1288.2.dta
GPSGVXSQAQLXR	5 5 4 0	1109	1	667.8453	1333.676	2	64.89	6.30E-07	GPSGLVLSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1290.1290.2.dta
GPSGVXSQAQLXR	3 8 9 0	1779	1	730.8495	1459.685	2	24.74	0.014	GPSGFVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1292.1292.2.dta
SXPFKXSPLXFG	6 3 1 1	1264	1	768.8618	1535.709	2	24.96	0.027	SDPFKDSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1296.1296.2.dta
SXPFKXSPLXFG	3 9 1 1	1784	1	806.8797	1611.745	2	27.88	0.0066	SFPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1297.1297.2.dta
SXPFKXSPLXFG	3 9 9 1	180	1	830.8944	1659.774	2	17.11	0.044	SFPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1298.1298.2.dta
GPSGVXSQAQLXR	3 0 5 1	1612	1	677.8421	1353.67	2	39.97	0.00068	GPSGVVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1301.1301.2.dta
SXPFKXSPLXFG	5 8 1 0	1163	1	771.8903	1541.766	2	47.22	9.00E-05	SLPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1304.1304.2.dta
SXPFKXSPLXFG	9 3 4 1	1870	1	777.8743	1553.734	2	19.87	0.037	SYPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1305.1305.2.dta
SXPFKXSPLXFG	0 1 3 0	27	1	774.8632	1547.712	2	19.45	0.049	SAPFKDSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1306.1306.2.dta
GPSGVXSQAQLXR	5 0 5 0	1011	1	674.8535	1347.962	2	84.93	3.20E-09	GPSGLVVSQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1308.1308.2.dta
GPSGVXSQAQLXR	5 7 3 0	1147	1	706.8472	1411.68	2	58.68	7.10E-06	GPSGLVSTAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1310.1310.2.dta
SXPFKXSPLXFG	0 3 8 0	77	1	766.8882	1531.762	2	22.53	0.01	SAPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1312.1312.2.dta
GPSGVXSQAQLXR	3 5 2 0	705	1	720.8477	1439.681	2	51.58	2.10E-05	GPSGFVLSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1313.1313.2.dta
GPSGVXSQAQLXR	3 3 4 1	1670	1	687.8262	1373.638	2	42.53	0.0004	GPSGFVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1314.1314.2.dta
GPSGVXSQAQLXR	3 3 2 1	1666	1	723.8372	1445.66	2	33.28	0.0033	GPSGFVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1315.1315.2.dta
SXPFKXSPLXFG	9 9 3 0	1987	1	844.8974	1687.78	2	34.24	0.00062	SYPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1316.1316.2.dta
SXPFKXSPLXFG	5 2 3 0	1047	1	802.8975	1607.78	2	17.37	0.046	SLPFKESPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1317.1317.2.dta
GPSGVXSQAQLXR	9 5 8 1	1918	1	699.8561	1393.698	2	38.52	0.0007	GPSGVVLSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1320.1320.2.dta
GPSGVXSQAQLXR	5 5 0 1	1102	1	660.8503	1319.686	2	51.58	2.30E-05	GPSGLVLSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1321.1321.2.dta
SXPFKXSPLXFG	3 8 2 0	765	1	795.8864	1589.758	2	31.7	0.0025	SFPFKYSPLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1322.1322.2.dta
SXPFKXSPLXFG	1 5 1 0	303	1	779.8693	1557.724	2	36.71	0.0017	SDPFKDSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1328.1328.2.dta
GPSGVXSQAQLXR	3 0 5 0	611	1	691.8452	1381.676	2	53.93	6.10E-06	GPSGFVVSQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1329.1329.2.dta
GPSGVXSQAQLXR	6 5 5 1	1312	1	668.8475	1335.681	2	34.38	0.0022	GPSGVVLSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1330.1330.2.dta
SXPFKXSPLXFG	5 8 8 0	1177	1	763.9107	1525.807	2	33.74	0.00042	SLPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1331.1331.2.dta

SXPFKXSLXFLFGR	5 3 0 0	1061	1	773.8948	1545.775	2	42.01	6.30E-05	SLPFKFSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1393.1393.2.dta
SXPFKXSLXFLFGR	5 5 1 0	1103	1	778.8975	1555.781	2	29.11	0.0044	SLPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1394.1394.2.dta
GPSGVXSAQQLXR	0 5 5 0	111	1	674.8522	1347.69	2	64.56	3.50E-07	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1397.1397.2.dta
GPSGVXSAQQLXR	3 5 9 1	1720	1	723.8557	1445.697	2	47.78	9.50E-05	GPSGFVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1400.1400.2.dta
SXPFKXSLXFLFGR	6 3 3 1	1268	1	784.8817	1567.749	2	19.16	0.032	SXPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1401.1401.2.dta
GPSGVXSAQQLXR	9 8 3 1	11968	1	716.8479	1431.681	2	52.83	3.40E-05	GPSGFVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1402.1402.2.dta
SXPFKXSLXFLFGR	5 8 5 0	1171	1	770.919	1539.824	2	17.65	0.017	SLPFKVSPLLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1403.1403.2.dta
GPSGVXSAQQLXR	5 5 9 0	11119	1	720.8667	1439.719	2	65.74	5.60E-07	GPSGLVSLAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1408.1408.2.dta
SXPFKXSLXFLFGR	3 5 2 0	705	1	802.8961	1603.778	2	23.45	0.014	SXPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1409.1409.2.dta
SXPFKXSLXFLFGR	3 5 4 0	709	1	766.8874	1531.76	2	17.09	0.035	SXPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1410.1410.2.dta
GPSGVXSAQQLXR	6 5 3 0	1307	1	699.8423	1397.67	2	66.9	9.20E-07	GPSGVSLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1416.1416.2.dta
GPSGVXSAQQLXR	4 5 3 1	1908	1	670.8345	1339.654	2	55.79	2.40E-05	GPSGGVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1417.1417.2.dta
SXPFKXSLXFLFGR	3 3 0 1	1662	1	776.8844	1551.754	2	27.31	0.002	SXPFKFSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1418.1418.2.dta
GPSGVXSAQQLXR	3 3 9 1	1680	1	740.8474	1479.68	2	41.42	0.00071	GPSGFVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1419.1419.2.dta
SXPFKXSLXFLFGR	6 3 3 0	1267	1	798.8836	1595.753	2	20.87	0.011	SXPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1424.1424.2.dta
SXPFKXSLXFLFGR	3 3 4 1	1670	1	769.8773	1537.74	2	13.49	0.045	SXPFKFSPLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1425.1425.2.dta
GPSGVXSAQQLXR	3 3 9 0	1679	1	754.8513	1507.688	2	62.46	2.30E-06	GPSGFVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1432.1432.2.dta
GPSGVXSAQQLXR	4 3 3 1	1868	1	687.827	1373.64	2	50.76	6.00E-05	GPSGGVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1433.1433.2.dta
GPSGVXSAQQLXR	5 3 8 1	11078	1	691.8582	1381.702	2	51.88	3.50E-05	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1440.1440.2.dta
SXPFKXSLXFLFGR	5 3 8 0	1077	1	787.9109	1573.807	2	22.79	0.0053	SLPFKFSPLFVGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1441.1441.2.dta
SXPFKXSLXFLFGR	3 3 0 0	1661	1	790.8867	1579.759	2	33.55	0.00055	SXPFKFSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1442.1442.2.dta
GPSGVXSAQQLXR	8 8 3 0	11767	1	698.8526	1395.691	2	56.46	2.40E-06	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1443.1443.2.dta
GPSGVXSAQQLXR	1 5 3 0	307	1	713.8401	1425.666	2	53.8	1.30E-05	GPSGDVSLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1445.1445.2.dta
GPSGVXSAQQLXR	5 3 8 0	1077	1	705.8608	1409.707	2	47.68	2.00E-05	GPSGLVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1456.1456.2.dta
GPSGVXSAQQLXR	3 3 8 1	1678	1	708.8499	1415.685	2	40.8	0.00068	GPSGFVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1457.1457.2.dta
GPSGVXSAQQLXR	1 3 3 0	267	1	730.8317	1459.649	2	50.66	2.80E-05	GPSGDVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1458.1458.2.dta
GPSGVXSAQQLXR	4 3 3 0	867	1	701.8298	1401.645	2	77.17	3.50E-08	GPSGGVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1459.1459.2.dta
GPSGVXSAQQLXR	0 3 3 1	168	1	694.8339	1387.653	2	22.81	0.04	GPSGAVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1461.1461.2.dta
SXPFKXSLXFLFGR	9 3 3 0	1867	1	836.9005	1671.787	2	29.66	0.0016	SXPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1464.1464.2.dta
GPSGVXSAQQLXR	2 3 3 0	467	1	737.8382	1473.662	2	79.73	1.90E-08	GPSGEVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1465.1465.2.dta
GPSGVXSAQQLXR	9 5 5 1	1912	1	706.8636	1411.713	2	40.35	0.00037	GPSGVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1472.1472.2.dta
GPSGVXSAQQLXR	5 8 8 1	1118	1	674.8665	1347.719	2	54.6	1.00E-05	GPSGLVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1473.1473.2.dta
SXPFKXSLXFLFGR	5 5 5 1	1112	1	763.9238	1525.833	2	27.78	0.00017	SLPFKLSPLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1477.1477.2.dta
SXPFKXSLXFLFGR	1 5 3 0	307	1	795.8907	1589.767	2	34.47	0.00012	SDPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1480.1480.2.dta
SXPFKXSLXFLFGR	1 3 3 0	267	1	812.8828	1623.751	2	18.28	0.016	SDPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1481.1481.2.dta
SXPFKXSLXFLFGR	5 5 5 1	1072	1	780.9162	1559.818	2	18.31	0.015	SLPFKFSPLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1482.1482.2.dta
SXPFKXSLXFLFGR	3 3 8 0	1677	1	804.9034	1607.792	2	30.26	0.0015	SXPFKFSPLFVGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1483.1483.2.dta
GPSGVXSAQQLXR	9 5 5 0	1911	1	720.8668	1439.719	2	80.37	1.90E-08	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1488.1488.2.dta
SXPFKXSLXFLFGR	5 5 5 0	1071	1	794.9186	1587.823	2	35.18	0.0003	SLPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1489.1489.2.dta
SXPFKXSLXFLFGR	5 5 5 0	1111	1	777.9265	1553.838	2	37.76	0.00023	SLPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1496.1496.2.dta
GPSGVXSAQQLXR	5 3 5 0	1071	1	712.8693	1423.724	2	18.19	0.00015	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1500.1500.2.dta
GPSGVXSAQQLXR	8 5 5 0	1711	1	688.8691	1375.724	2	85.23	6.70E-09	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1504.1504.2.dta
SXPFKXSLXFLFGR	5 3 3 1	1068	1	797.9082	1593.802	2	19.76	0.017	SLPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1505.1505.2.dta
GPSGVXSAQQLXR	5 8 3 1	11168	1	691.8584	1381.702	2	51.67	2.50E-05	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1512.1512.2.dta
SXPFKXSLXFLFGR	5 3 3 0	1067	1	811.9108	1621.807	2	15.28	0.036	SLPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1513.1513.2.dta
GPSGVXSAQQLXR	9 3 3 1	1868	1	740.8479	1479.681	2	46.1	0.00025	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1520.1520.2.dta
GPSGVXSAQQLXR	5 8 3 0	1167	1	705.8615	1409.709	2	75	3.80E-08	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1528.1528.2.dta
GPSGVXSAQQLXR	3 8 3 1	1768	1	708.8504	1415.686	2	44.91	0.0003	GPSGFVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1529.1529.2.dta
GPSGVXSAQQLXR	9 5 3 0	1907	1	737.8585	1473.703	2	48.05	4.90E-05	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1536.1536.2.dta
GPSGVXSAQQLXR	3 8 3 0	767	1	722.8531	1443.692	2	60.74	3.10E-06	GPSGFVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1544.1544.2.dta
GPSGVXSAQQLXR	9 3 3 0	1867	1	754.8507	1507.687	2	73.68	1.70E-07	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1545.1545.2.dta
GPSGVXSAQQLXR	5 3 5 1	1072	1	698.8661	1395.718	2	46.13	7.20E-05	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1560.1560.2.dta
SXPFKXSLXFLFGR	3 3 3 0	1677	1	828.9023	1655.79	2	18.23	0.015	SXPFKFSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1561.1561.2.dta
GPSGVXSAQQLXR	3 3 5 1	1672	1	715.8585	1429.703	2	38.24	0.00055	GPSGFVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1568.1568.2.dta
GPSGVXSAQQLXR	5 5 5 1	1112	1	681.8739	1361.733	2	49.18	2.70E-05	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1569.1569.2.dta
GPSGVXSAQQLXR	3 3 5 0	1671	1	729.8613	1457.708	2	62.55	1.40E-06	GPSGFVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1584.1584.2.dta
GPSGVXSAQQLXR	5 5 5 0	1111	1	695.8772	1389.74	2	62.85	1.00E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1585.1585.2.dta
GPSGVXSAQQLXR	3 3 3 1	1668	1	732.8504	1463.686	2	40.95	0.00066	GPSGFVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1624.1624.2.dta
GPSGVXSAQQLXR	5 5 3 1	1108	1	698.8666	1395.719	2	44.84	7.70E-05	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1632.1632.2.dta
GPSGVXSAQQLXR	3 3 3 0	1667	1	746.8534	1491.692	2	54.52	7.90E-06	GPSGFVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1640.1640.2.dta
GPSGVXSAQQLXR	3 5 3 0	707	1	729.8618	1457.709	2	60.39	2.30E-06	GPSGFVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1648.1648.2.dta
GPSGVXSAQQLXR	5 5 3 0	1107	1	712.8699	1423.725	2	72.05	6.20E-08	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1649.1649.2.dta
GPSGVXSAQQLXR	3 5 3 1	1708	1	715.8595	1429.704	2	23.11	0.018	GPSGFVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1660.1660.2.dta
GPSGVXSAQQLXR	6 4 6 1	1294	1	627.7896	1253.565	2	52.9	2.90E-05	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.720.720.2.dta
GPSGVXSAQQLXR	6 6 6 1	1334	1	642.7949	1283.575	2	46.15	0.00036	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.722.722.2.dta
GPSGVXSAQQLXR	4 4 6 1	1894	1	612.7855	1223.556	2	42.8	0.00013	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.725.725.2.dta
GPSGVXSAQQLXR	6 4 1 1	1284	1	641.7885	1281.562	2	56.47	1.30E-05	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.728.728.2.dta
GPSGVXSAQQLXR	6 6 1 1	1324	1	656.7933	1311.572	2	43.29	0.00011	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.729.729.2.dta
GPSGVXSAQQLXR	0 4 6 1	94	1	619.7933	1237.572	2	48.65	7.30E-05	GPSGAVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.730.730.2.dta
GPSGVXSAQQLXR	1 4 1 1	284	1	655.7874	1309.56	2	60.35	7.20E-06	GPSGDVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.736.736.2.dta
GPSGVXSAQQLXR	1 6 1 1	324	1	670.791	1339.567	2	50.52	1.70E-05	GPSGDVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.737.737.2.dta
GPSGVXSAQQLXR	4 4 1 1	1884	1	626.784	1251.553	2	46.1	0.00031	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.738.738.2.dta
GPSGVXSAQQLXR	0 4 4 1	190	1	604.7876	1207.561	2	36.86	0.00021	GPSGAVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.739.739.2.dta
GPSGVXSAQQLXR	4 4 4 1	1890	1	597.7795</								

GPSGXVSAQXLR 4 7 8 1 958	1	640.8162	1279.618	2	42.25	0.00021	GPSGVSTAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.841.841.2.dta
GPSGXVSAQXLR 6 8 4 1 1370	1	633.8083	1265.602	2	44.32	5.00E-05	GPSGSVSAQQLG	Phospho (ST)	0.000001000000.0	Synth_pep_275V.848.848.2.dta
GPSGXVSAQXLR 1 1 9 0 239	1	722.8087	1443.603	2	67.47	6.40E-07	GPSGDVSDAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.849.849.2.dta
GPSGXVSAQXLR 6 8 1 1 1364	1	662.8112	1323.608	2	46.59	7.20E-05	GPSGSVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.850.850.2.dta
GPSGXVSAQXLR 0 8 0 1 37	1	668.8166	1335.619	2	79.47	4.20E-08	GPSGAVSDAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.851.851.2.dta
GPSGXVSAQXLR 2 1 9 0 439	1	729.8165	1457.619	2	56.53	9.70E-06	GPSGEVSDAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.852.852.2.dta
GPSGXVSAQXLR 0 7 8 1 158	1	647.8246	1293.635	2	41.49	0.00034	GPSGAVSTAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.853.853.2.dta
GPSGXVSAQXLR 2 7 8 1 558	1	676.8289	1351.643	2	45.61	0.00018	GPSGEVSTAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.854.854.2.dta
GPSGXVSAQXLR 8 7 1 0 1743	1	683.8187	1365.623	2	64.71	2.10E-06	GPSGVSTAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.856.856.2.dta
GPSGXVSAQXLR 4 8 4 1 970	1	618.8032	1235.592	2	38.96	0.00013	GPSGSVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.864.864.2.dta
GPSGXVSAQXLR 8 7 2 0 1745	1	690.8263	1379.638	2	41.3	0.00049	GPSGVSTAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_275V.865.865.2.dta
GPSGXVSAQXLR 8 0 4 1 1610	1	625.811	1249.608	2	40.43	0.00012	GPSGVSAQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.867.867.2.dta
GPSGXVSAQXLR 8 0 1 1 1604	1	654.8144	1307.614	2	43.58	0.00023	GPSGVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.872.872.2.dta
GPSGXVSAQXLR 6 8 2 1 1366	1	669.8197	1337.625	2	40.78	0.00033	GPSGSVSAQLEK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.874.874.2.dta
GPSGXVSAQXLR 2 2 9 0 459	1	736.8264	1471.638	2	70.61	3.20E-07	GPSGEVSEAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.876.876.2.dta
GPSGXVSAQXLR 9 2 4 0 1849	1	700.8146	1399.615	2	56.54	1.00E-05	GPSGVSEAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.880.880.2.dta
GPSGXVSAQXLR 9 0 1 1 1804	1	686.8136	1371.613	2	44.25	0.00034	GPSGVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.888.888.2.dta
GPSGXVSAQXLR 5 4 2 1 1086	1	661.8223	1321.63	2	35.25	0.00019	GPSGLVSAQAQLEK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.896.896.2.dta
GPSGXVSAQXLR 0 8 0 1 162	1	632.8195	1263.625	2	40.31	0.00014	GPSGAVSAQQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.898.898.2.dta
SXPFKXSPXLFGR 4 6 4 1 930	1	694.8343	1387.654	2	31.06	0.006	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.904.904.2.dta
SXPFKXSPXLFGR 2 6 4 1 530	1	730.8453	1459.676	2	27.13	0.013	SEPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.910.910.2.dta
GPSGXVSAQXLR 4 5 6 1 914	1	640.8162	1279.618	2	40.11	0.00035	GPSGVSLAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.914.914.2.dta
GPSGXVSAQXLR 1 8 2 0 365	1	697.8198	1393.625	2	61.53	9.90E-06	GPSGDVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_275V.915.915.2.dta
GPSGXVSAQXLR 3 6 6 1 734	1	672.8137	1343.613	2	28.23	0.02	GPSGFVSAQSLK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.916.916.2.dta
GPSGXVSAQXLR 5 4 4 0 1089	1	639.8138	1277.613	2	64.78	3.70E-06	GPSGLVSAQAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.921.921.2.dta
SXPFKXSPXLFGR 7 6 2 1 1526	1	752.858	1503.701	2	25.69	0.0061	STPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.922.922.2.dta
SXPFKXSPXLFGR 0 1 4 1 30	1	715.8409	1429.667	2	24.71	0.019	SAPFKDPSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.928.928.2.dta
GPSGXVSAQXLR 5 6 1 0 1123	1	683.8204	1365.626	2	59.05	6.30E-06	GPSGLVSAQQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.929.929.2.dta
GPSGXVSAQXLR 8 1 8 1 1638	1	668.832	1335.649	2	47.73	0.00011	GPSGVSDAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.931.931.2.dta
GPSGXVSAQXLR 3 4 6 0 693	1	671.809	1341.604	2	38.32	0.00064	GPSGFVSAQAQLSR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.932.932.2.dta
GPSGXVSAQXLR 2 8 2 0 565	1	704.8284	1407.642	2	34.21	0.00059	GPSGEVSAQLEK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.933.933.2.dta
SXPFKXSPXLFGR 0 1 0 1 22	1	722.8498	1443.685	2	26.11	0.02	SAPFKDPSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.936.936.2.dta
SXPFKXSPXLFGR 6 4 4 0 1289	1	708.837	1415.659	2	26.39	0.015	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.937.937.2.dta
SXPFKXSPXLFGR 4 4 4 0 889	1	693.8322	1385.65	2	28.33	0.009	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.939.939.2.dta
GPSGXVSAQXLR 5 6 2 1 1126	1	676.8292	1351.644	2	61.12	5.10E-06	GPSGLVSAQAQLEK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.941.941.2.dta
GPSGXVSAQXLR 5 6 7 0 1135	1	676.8292	1351.644	2	61.12	5.10E-06	GPSGLVSAQAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.941.941.2.dta
SXPFKXSPXLFGR 0 2 2 1 46	1	758.858	1515.701	2	23.99	0.017	SAPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.942.942.2.dta
SXPFKXSPXLFGR 7 6 2 0 1525	1	766.8605	1531.706	2	56.05	8.60E-06	STPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.944.944.2.dta
GPSGXVSAQXLR 7 1 5 0 1431	1	690.8295	1379.645	2	58.76	6.20E-06	GPSGDVSDAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.947.947.2.dta
SXPFKXSPXLFGR 7 2 2 1 1446	1	773.8629	1545.711	2	19.46	0.011	STPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.948.948.2.dta
SXPFKXSPXLFGR 6 6 2 0 1325	1	759.8531	1517.692	2	28.2	0.0048	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.952.952.2.dta
SXPFKXSPXLFGR 2 6 2 0 525	1	780.858	1559.702	2	51.62	3.40E-05	SEPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.954.954.2.dta
GPSGXVSAQXLR 9 7 9 1 1960	1	725.8342	1449.654	2	31.93	0.0095	GPSGVSTAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.956.956.2.dta
GPSGXVSAQXLR 8 1 8 0 1637	1	682.8328	1363.651	2	25.01	0.015	GPSGVSDAQLVLR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.957.957.2.dta
GPSGXVSAQXLR 5 7 0 1 1142	1	654.8328	1307.651	2	48.35	6.10E-05	GPSGLVSTAQAQLEK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.958.958.2.dta
SXPFKXSPXLFGR 0 6 9 1 140	1	754.8631	1507.712	2	25.9	0.022	SAPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.960.960.2.dta
SXPFKXSPXLFGR 0 2 2 0 45	1	772.8608	1543.707	2	52.43	3.70E-05	SAPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.961.961.2.dta
GPSGXVSAQXLR 3 4 7 0 695	1	678.8186	1355.623	2	44.59	0.00017	GPSGFVSAQAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.962.962.2.dta
SXPFKXSPXLFGR 2 2 2 1 446	1	787.8602	1573.706	2	20.34	0.015	SEPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.963.963.2.dta
GPSGXVSAQXLR 0 5 1 0 31	1	675.8236	1349.633	2	46.61	8.60E-05	GPSGAVSDAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_275V.964.964.2.dta
GPSGXVSAQXLR 0 5 6 1 114	1	647.8239	1293.633	2	35.14	0.0015	GPSGAVSLAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.965.965.2.dta
SXPFKXSPXLFGR 4 0 4 0 809	1	700.8385	1399.663	2	62.08	5.50E-06	SGPFKASPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.968.968.2.dta
GPSGXVSAQXLR 6 5 1 1 1304	1	669.8184	1337.622	2	55.95	1.00E-05	GPSGSVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.970.970.2.dta
SXPFKXSPXLFGR 7 6 9 1 1540	1	769.8677	1537.721	2	20.08	0.04	STPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.971.971.2.dta
SXPFKXSPXLFGR 6 4 9 1 1300	1	747.8547	1493.695	2	36.94	0.0019	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.972.972.2.dta
GPSGXVSAQXLR 5 0 4 1 1010	1	632.8184	1263.622	2	51.07	2.00E-05	GPSGLVSAQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.977.977.2.dta
SXPFKXSPXLFGR 0 2 9 1 60	1	775.8685	1549.723	2	40.81	0.00052	SAPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.978.978.2.dta
GPSGXVSAQXLR 9 8 6 1 1974	1	686.83	1371.646	2	37.51	0.0018	GPSGVVSAQAQLK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.979.979.2.dta
SXPFKXSPXLFGR 2 2 2 0 445	1	801.8629	1601.711	2	42.28	0.00012	SEPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.980.980.2.dta
GPSGXVSAQXLR 5 0 1 1 1004	1	661.8217	1321.629	2	40.89	0.00051	GPSGLVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.981.981.2.dta
GPSGXVSAQXLR 9 9 1 1 1984	1	732.827	1463.639	2	50.14	6.80E-05	GPSGVVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.985.985.2.dta
GPSGXVSAQXLR 5 2 2 0 1045	1	711.8353	1421.656	2	66.62	2.40E-06	GPSGLVSEAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_275V.986.986.2.dta
SXPFKXSPXLFGR 2 1 2 0 425	1	794.8553	1587.696	2	30.66	0.0022	SEPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.987.987.2.dta
GPSGXVSAQXLR 4 5 4 1 910	1	625.8105	1249.606	2	58.2	2.00E-06	GPSGSVSAQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.988.988.2.dta
SXPFKXSPXLFGR 7 2 9 1 1460	1	790.8735	1579.733	2	17.36	0.027	STPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.989.989.2.dta
GPSGXVSAQXLR 3 2 1 1 644	1	707.8172	1413.62	2	34.61	0.0017	GPSGFVSAQAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.990.990.2.dta
SXPFKXSPXLFGR 6 6 9 0 1339	1	776.8633	1551.712	2	43.22	0.00016	SGPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.993.993.2.dta
SXPFKXSPXLFGR 0 2 1 0 43	1	765.8497	1529.685	2	27.28	0.013	SAPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.994.994.2.dta
SXPFKXSPXLFGR 2 2 9 1 460	1	804.87	1607.725	2	30.44	0.0018	SEPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_275V.995.995.2.dta
GPSGXVSAQXLR 3 0 0 1 602	1	656.8194	1311.624	2	46.67	8.30E-05	GPSGFVSAQAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1001.1001.2.dta
SXPFKXSPXLFGR 9 4 1 1 1884	1	761.8539	1521.693	2	30.31	0.008	SYPFKSSPLDFGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1003.1003.2.dta
GPSGXVSAQXLR 0 3 4 1 70	1	649.8099	1297.605	2	33.02	0.0033	GPSGAVSFAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1004.1004.2.dta
SXPFKXSPXLFGR 9 4 2 0 1885	1	782.8618	1563.709	2	34.15	0.0022	SYPFKSSPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1006.1006.2.dta
GPSGXVSAQXLR 5 0 0 0 1001	1	653.8287	1305.643	2	62.63	5.50E-07	GPSGLVSAQAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1008.1008.2.dta
GPSGXVSAQXLR 8 8 2 0 1765	1	689.8393	1377.664	2	67.65	4.70E-07	GPSGVVSAQAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1009.1009.2.dta
SXPFKXSPXLFGR 1 2 2 0 245	1	794.8545	1587.694	2	38.11	0.00039	SDPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1010.1010.2.dta
SXPFKXSPXLFGR 1 2 6 0 253	1	773.8477	1545.681	2	32.74	0.0019	SDPFKESPLFGFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1011.1011.2.dta
GPSGXVSAQXLR 0 3 1 1 64	1	678.8115	1355.608	2	45.11	0.00022	GPSGAVSFAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_1

GPSGVSAQAQLXR 9 9 9 0 1999	1	770.8437	1539.673	2	66.43	8.20E-07	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1080.1080.2.dta
GPSGVSAQAQLXR 5 9 1 0 1183	1	721.8369	1441.659	2	66.93	1.00E-06	GPSGLVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1081.1081.2.dta
GPSGVSAQAQLXR 0 3 0 0 61	1	670.8199	1339.625	2	48.86	6.40E-05	GPSGAVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1083.1083.2.dta
GPSGVSAQAQLXR 5 9 7 1 1196	1	700.8441	1399.674	2	38.91	0.0017	GPSGLVSAQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1089.1089.2.dta
GPSGVSAQAQLXR 0 0 3 1 8	1	656.8176	1311.621	2	47.3	0.00012	GPSGAVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1090.1090.2.dta
SXPFKXSPLXFR 7 8 2 0 1565	1	772.8771	1543.74	2	33.86	0.003	STPFKVSPLFVGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1091.1091.2.dta
SXPFKXSPLXFR 7 8 6 0 1573	1	751.8716	1501.729	2	34.74	0.00017	STPFKVSPLSFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1093.1093.2.dta
GPSGVSAQAQLXR 5 8 4 1 1170	1	646.8342	1291.654	2	46.76	0.00011	GPSGLVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1094.1094.2.dta
GPSGVSAQAQLXR 5 0 8 1 1018	1	653.8412	1305.668	2	49.12	5.30E-05	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1096.1096.2.dta
GPSGVSAQAQLXR 3 0 9 1 620	1	702.8304	1403.646	2	35.85	0.0018	GPSGVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1097.1097.2.dta
GPSGVSAQAQLXR 5 8 1 0 1163	1	689.8394	1377.664	2	62.08	1.70E-06	GPSGLVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1098.1098.2.dta
SXPFKXSPLXFR 9 7 9 0 1959	1	821.884	1641.753	2	30.16	0.002	SYPFKVSPFLVGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1101.1101.2.dta
SXPFKXSPLXFR 2 8 2 0 565	1	786.874	1571.734	2	34.31	0.0017	SEPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1102.1102.2.dta
GPSGVSAQAQLXR 8 3 1 1 1664	1	692.8286	1383.643	2	41.55	0.00044	GPSGVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1104.1104.2.dta
GPSGVSAQAQLXR 5 9 0 1 1182	1	685.8392	1369.664	2	49.22	7.30E-05	GPSGLVSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1105.1105.2.dta
GPSGVSAQAQLXR 8 3 6 1 1674	1	678.8314	1355.648	2	30.4	0.0055	GPSGVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1106.1106.2.dta
SXPFKXSPLXFR 0 8 1 0 163	1	750.864	1499.714	2	33.78	0.0032	SAPFKVSPFLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1107.1107.2.dta
SXPFKXSPLXFR 6 9 9 0 1399	1	814.8774	1627.74	2	27.44	0.0056	SSPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1108.1108.2.dta
GPSGVSAQAQLXR 3 9 7 1 796	1	717.8365	1433.658	2	41.21	0.00084	GPSGVSAQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1110.1110.2.dta
GPSGVSAQAQLXR 8 5 6 0 1713	1	675.841	1349.668	2	80.36	3.90E-08	GPSGVSAQAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1112.1112.2.dta
GPSGVSAQAQLXR 5 6 3 0 1127	1	699.8421	1397.67	2	53.41	2.10E-05	GPSGLVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1113.1113.2.dta
SXPFKXSPLXFR 7 8 1 0 1563	1	765.8693	1529.724	2	31.56	0.0051	STPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1114.1114.2.dta
GPSGVSAQAQLXR 8 8 9 0 1779	1	706.8502	1411.686	2	74.98	7.60E-08	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1120.1120.2.dta
GPSGVSAQAQLXR 9 3 4 1 1870	1	695.8226	1389.631	2	30.45	0.0054	GPSGVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1121.1121.2.dta
SXPFKXSPLXFR 1 9 2 0 385	1	811.8643	1621.714	2	43.19	0.00015	SDPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1122.1122.2.dta
GPSGVSAQAQLXR 2 9 5 0 591	1	728.8441	1455.674	2	46	0.0001	GPSGLVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1128.1128.2.dta
GPSGVSAQAQLXR 5 9 2 1 1186	1	714.8441	1427.674	2	35.22	0.0011	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1130.1130.2.dta
GPSGVSAQAQLXR 1 9 5 1 392	1	707.8343	1413.654	2	29.71	0.0048	GPSGVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1131.1131.2.dta
GPSGVSAQAQLXR 5 8 0 0 1161	1	667.8444	1333.674	2	62.68	7.30E-07	GPSGLVSAQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1136.1136.2.dta
GPSGVSAQAQLXR 8 8 8 1 1778	1	660.8514	1319.688	2	38.27	0.00048	GPSGVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1137.1137.2.dta
GPSGVSAQAQLXR 3 9 0 0 781	1	716.8331	1431.652	2	58.99	9.30E-06	GPSGVSAQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1138.1138.2.dta
GPSGVSAQAQLXR 4 3 9 0 879	1	709.8255	1417.636	2	48.04	0.0001	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1139.1139.2.dta
GPSGVSAQAQLXR 6 8 5 1 1372	1	661.8374	1321.66	2	38.91	0.0016	GPSGVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1144.1144.2.dta
SXPFKXSPLXFR 1 8 6 0 373	1	758.8614	1515.708	2	46.25	0.00016	SDPFKVSPLSFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1145.1145.2.dta
GPSGVSAQAQLXR 2 3 9 0 479	1	745.8353	1489.656	2	35.39	0.0013	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1147.1147.2.dta
GPSGVSAQAQLXR 3 9 2 1 786	1	731.8362	1461.658	2	35.29	0.0016	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1148.1148.2.dta
GPSGVSAQAQLXR 5 1 5 0 1031	1	696.8469	1391.679	2	63.46	1.90E-06	GPSGLVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1152.1152.2.dta
GPSGVSAQAQLXR 8 3 2 0 1665	1	713.8385	1425.663	2	61.64	2.80E-06	GPSGVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1154.1154.2.dta
SXPFKXSPLXFR 1 8 2 0 365	1	779.8674	1557.72	2	33.76	0.0024	SDPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1156.1156.2.dta
GPSGVSAQAQLXR 2 5 8 1 518	1	682.8442	1363.674	2	39.24	0.00066	GPSGEVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1160.1160.2.dta
GPSGVSAQAQLXR 6 9 3 1 1388	1	710.8278	1419.641	2	31.77	0.0047	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1161.1161.2.dta
SXPFKXSPLXFR 6 5 6 0 1313	1	751.8726	1501.731	2	26.24	0.005	SSPFKVSPLSFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1168.1168.2.dta
GPSGVSAQAQLXR 8 3 0 1 1662	1	707.8337	1339.653	2	40.86	0.00074	GPSGVSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1169.1169.2.dta
GPSGVSAQAQLXR 6 9 3 0 1387	1	674.8287	1447.643	2	50.73	6.30E-05	GPSGVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1170.1170.2.dta
GPSGVSAQAQLXR 4 8 5 1 1972	1	646.8337	1291.653	2	53.19	2.50E-05	GPSGVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1171.1171.2.dta
SXPFKXSPLXFR 0 5 2 0 105	1	764.88	1527.746	2	40.63	0.00053	SAPFKVSPLEFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1172.1172.2.dta
GPSGVSAQAQLXR 0 5 8 1 1118	1	653.8416	1305.669	2	42.58	0.00024	GPSGAVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1176.1176.2.dta
SXPFKXSPLXFR 6 5 2 0 1305	1	772.8794	1543.744	2	44.58	0.0002	SSPFKVSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1177.1177.2.dta
GPSGVSAQAQLXR 5 2 5 0 1051	1	703.8549	1405.695	2	36.31	0.0015	GPSGLVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1185.1185.2.dta
GPSGVSAQAQLXR 3 7 5 1 752	1	692.8493	1383.684	2	32.16	0.0028	GPSGVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1186.1186.2.dta
GPSGVSAQAQLXR 5 4 3 0 1087	1	684.8363	1367.658	2	44.22	0.00019	GPSGLVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1192.1192.2.dta
GPSGVSAQAQLXR 2 3 8 1 478	1	699.8367	1397.659	2	28.14	0.0097	GPSGVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1193.1193.2.dta
GPSGVSAQAQLXR 0 9 3 1 1884	1	702.8311	1403.648	2	43.76	0.00028	GPSGAVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1194.1194.2.dta
GPSGVSAQAQLXR 3 9 9 1 800	1	748.8436	1495.673	2	39.48	0.00098	GPSGVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1195.1195.2.dta
GPSGVSAQAQLXR 1 8 5 1 372	1	675.8376	1349.661	2	45.35	0.00018	GPSGVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1197.1197.2.dta
GPSGVSAQAQLXR 3 2 5 0 651	1	720.8463	1439.678	2	75.47	1.00E-07	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1198.1198.2.dta
GPSGVSAQAQLXR 3 7 5 0 751	1	706.8488	1411.683	2	62.55	2.00E-06	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1200.1200.2.dta
GPSGVSAQAQLXR 3 4 3 1 688	1	687.8251	1373.636	2	44.1	0.00028	GPSGLVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1201.1201.2.dta
SXPFKXSPLXFR 0 5 1 0 1303	1	757.8719	1513.729	2	34.41	0.0031	SAPFKVSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1203.1203.2.dta
GPSGVSAQAQLXR 3 9 9 0 799	1	765.8696	1529.725	2	41.15	0.00048	SSPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1204.1204.2.dta
GPSGVSAQAQLXR 6 8 3 1 1368	1	762.8467	1523.679	2	55.86	3.30E-05	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1208.1208.2.dta
GPSGVSAQAQLXR 0 3 2 0 65	1	678.8309	1355.647	2	54.14	2.30E-05	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1209.1209.2.dta
SXPFKXSPLXFR 0 3 2 0 65	1	781.8713	1561.728	2	32.06	0.0021	SAPFKVSPLEFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1210.1210.2.dta
GPSGVSAQAQLXR 3 5 6 1 714	1	685.8387	1369.663	2	33.8	0.0024	GPSGVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1216.1216.2.dta
GPSGVSAQAQLXR 3 9 8 1 798	1	716.8483	1431.682	2	46.08	0.00013	GPSGVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1217.1217.2.dta
GPSGVSAQAQLXR 9 9 5 0 1991	1	745.8552	1489.696	2	44.33	0.00015	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1224.1224.2.dta
GPSGVSAQAQLXR 9 5 9 1 1920	1	731.8552	1461.696	2	38.55	0.00092	GPSGLVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1226.1226.2.dta
GPSGVSAQAQLXR 5 4 5 0 1091	1	667.8437	1333.673	2	52.64	1.90E-05	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1227.1227.2.dta
GPSGVSAQAQLXR 4 8 3 1 968	1	663.8259	1325.637	2	51.48	5.30E-05	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1228.1228.2.dta
GPSGVSAQAQLXR 3 8 9 0 779	1	730.8494	1459.684	2	58.74	5.40E-06	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1232.1232.2.dta
GPSGVSAQAQLXR 5 8 9 0 1179	1	713.8559	1425.704	2	53.44	9.50E-06	GPSGLVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1233.1233.2.dta
GPSGVSAQAQLXR 5 5 1 0 1103	1	696.8473	1391.68	2	54.28	1.60E-05	GPSGLVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1234.1234.2.dta
SXPFKXSPLXFR 1 5 2 0 305	1	786.8748								

GPSGVXSAQXLR 4531 908	1	670.8334	1339.652	2	41.45	0.00064	GPSGVSLAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1336.1336.2.dta
GPSGVXSAQXLR 3391 680	1	740.8459	1479.677	2	40.3	0.00088	GPSGVFSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1337.1337.2.dta
GPSGVXSAQXLR 3590 719	1	737.8572	1473.7	2	53.76	2.00E-05	GPSGVFLAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1344.1344.2.dta
GPSGVXSAQXLR 5950 1191	1	720.8654	1439.716	2	60.13	1.50E-06	GPSGVLSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1345.1345.2.dta
GPSGVXSAQXLR 6530 1307	1	699.8394	1397.664	2	50.22	7.90E-05	GPSGVSLAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1346.1346.2.dta
GPSGVXSAQXLR 2531 1508	1	706.8419	1411.669	2	45.9	5.00E-05	GPSGVLSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1352.1352.2.dta
GPSGVXSAQXLR 3390 679	1	754.8489	1507.683	2	69.03	9.90E-07	GPSGVFSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1353.1353.2.dta
GPSGVXSAQXLR 4331 1858	1	687.8252	1373.636	2	39.17	0.00087	GPSGVVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1354.1354.2.dta
GPSGVXSAQXLR 5381 1078	1	691.8577	1381.701	2	42.8	0.00028	GPSGLVSAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1360.1360.2.dta
GPSGVXSAQXLR 8830 1767	1	698.8513	1395.688	2	74.76	5.50E-08	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1361.1361.2.dta
GPSGVXSAQXLR 7331 1468	1	709.8394	1417.664	2	32.05	0.0026	GPSGTVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1362.1362.2.dta
GPSGVXSAQXLR 0331 168	1	694.8331	1387.652	2	40.01	0.00076	GPSGAVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1368.1368.2.dta
GPSGVXSAQXLR 4330 867	1	701.8282	1401.642	2	67.92	4.00E-07	GPSGGVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1369.1369.2.dta
GPSGVXSAQXLR 5850 1171	1	688.8677	1375.721	2	51.68	7.10E-06	GPSGLVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1384.1384.2.dta
GPSGVXSAQXLR 0531 1108	1	677.8412	1353.668	2	44.48	0.00024	GPSGAVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1385.1385.2.dta
GPSGVXSAQXLR 3580 717	1	705.8601	1409.706	2	62.95	5.10E-07	GPSGVFLAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1392.1392.2.dta
GPSGVXSAQXLR 5851 1172	1	674.8652	1347.716	2	50.69	2.60E-05	GPSGLVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1393.1393.2.dta
GPSGVXSAQXLR 0330 67	1	708.8347	1415.655	2	63.41	4.10E-06	GPSGAVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1394.1394.2.dta
GPSGVXSAQXLR 5350 1071	1	712.869	1423.724	2	35.44	0.00029	GPSGLVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1403.1403.2.dta
GPSGVXSAQXLR 9550 1911	1	720.865	1439.715	2	67.22	7.40E-07	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1417.1417.2.dta
GPSGVXSAQXLR 9530 1907	1	737.8566	1473.699	2	53.31	2.20E-05	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1433.1433.2.dta
GPSGVXSAQXLR 9330 1867	1	754.8492	1507.684	2	53.13	3.80E-05	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1448.1448.2.dta
GPSGVXSAQXLR 8530 1707	1	705.8597	1409.705	2	67.47	5.40E-07	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1464.1464.2.dta
GPSGVXSAQXLR 5351 1072	1	698.8646	1395.715	2	52.8	1.50E-05	GPSGLVSAQLLK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1465.1465.2.dta
GPSGVXSAQXLR 8330 1667	1	732.8513	1443.688	2	72	2.00E-07	GPSGVVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1466.1466.2.dta
GPSGVXSAQXLR 3831 768	1	708.8492	1415.684	2	45.31	0.00024	GPSGFVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1467.1467.2.dta
GPSGVXSAQXLR 3351 672	1	715.8569	1429.699	2	35.77	0.0015	GPSGVVSAQLLK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1473.1473.2.dta
GPSGVXSAQXLR 5551 1112	1	681.8724	1361.73	2	52.07	1.40E-05	GPSGLVSAQLLK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1480.1480.2.dta
GPSGVXSAQXLR 3350 671	1	729.8595	1457.704	2	63.73	1.10E-06	GPSGFVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1497.1497.2.dta
GPSGVXSAQXLR 3331 668	1	732.8492	1463.684	2	46.83	0.00017	GPSGFVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1528.1528.2.dta
GPSGVXSAQXLR 3531 708	1	715.8572	1429.7	2	44.32	0.00021	GPSGFVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1536.1536.2.dta
GPSGVXSAQXLR 5331 1108	1	698.8649	1395.715	2	44.43	0.00011	GPSGLVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1537.1537.2.dta
GPSGVXSAQXLR 5330 1107	1	712.8676	1423.721	2	60.47	2.00E-06	GPSGLVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1552.1552.2.dta
GPSGVXSAQXLR 3330 667	1	746.8514	1491.688	2	58.28	4.70E-06	GPSGFVSAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1553.1553.2.dta
GPSGVXSAQXLR 3530 707	1	729.8579	1457.701	2	58.99	7.80E-06	GPSGVFLAQLFR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1568.1568.2.dta
GPSGVXSAQXLR 5550 1111	1	695.8756	1389.737	2	36.7	0.00029	GPSGLVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.1570.1570.2.dta
GPSGVXSAQXLR 0621 126	1	655.8046	1309.595	2	31.33	0.0033	GPSGAVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.697.697.2.dta
GPSGVXSAQXLR 2611 524	1	677.7996	1353.585	2	26.93	0.0033	GPSGEVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.698.698.2.dta
GPSGVXSAQXLR 6461 1294	1	627.7894	1253.564	2	45.74	0.00015	GPSGLVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.704.704.2.dta
GPSGVXSAQXLR 6661 1334	1	642.7945	1283.574	2	48.33	0.00022	GPSGEVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.705.705.2.dta
GPSGVXSAQXLR 1070 215	1	669.804	1337.593	2	27.53	0.005	GPSGDVSAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.709.709.2.dta
GPSGVXSAQXLR 6611 1324	1	656.7936	1311.573	2	39.26	0.00028	GPSGAVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.712.712.2.dta
GPSGVXSAQXLR 0461 94	1	619.7937	1237.573	2	38.23	0.0008	GPSGAVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.714.714.2.dta
GPSGVXSAQXLR 6061 1214	1	634.799	1267.584	2	32.66	0.0038	GPSGLVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.716.716.2.dta
GPSGVXSAQXLR 6621 1326	1	663.8013	1325.588	2	29.84	0.0034	GPSGAVSAQLFK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.717.717.2.dta
GPSGVXSAQXLR 1611 324	1	670.7916	1339.569	2	51.12	1.30E-05	GPSGDVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.720.720.2.dta
GPSGVXSAQXLR 0441 90	1	604.7877	1207.561	2	41.27	7.50E-05	GPSGAVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.722.722.2.dta
GPSGVXSAQXLR 4441 890	1	597.7797	1193.545	2	49.5	2.40E-05	GPSGVSQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.723.723.2.dta
GPSGVXSAQXLR 0401 82	1	611.796	1221.577	2	44.01	4.00E-05	GPSGAVSAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.728.728.2.dta
GPSGVXSAQXLR 2111 424	1	691.7935	1381.573	2	41.82	0.00092	GPSGEVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.729.729.2.dta
GPSGVXSAQXLR 0640 129	1	633.7933	1265.572	2	48.47	0.00013	GPSGAVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.736.736.2.dta
GPSGVXSAQXLR 2620 525	1	698.8089	1395.603	2	55.1	1.80E-05	GPSGEVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.738.738.2.dta
GPSGVXSAQXLR 2110 423	1	705.7958	1409.577	2	55.68	6.60E-06	GPSGEVSDAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.744.744.2.dta
GPSGVXSAQXLR 2120 425	1	712.8039	1423.593	2	63.95	2.00E-06	GPSGEVSDAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.745.745.2.dta
GPSGVXSAQXLR 0110 23	1	676.7927	1351.571	2	41.75	0.00028	GPSGAVSDAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.752.752.2.dta
GPSGVXSAQXLR 0410 83	1	647.7916	1293.569	2	48.58	0.00013	GPSGAVSAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.760.760.2.dta
GPSGVXSAQXLR 2010 403	1	683.8024	1365.59	2	42.77	0.00031	GPSGEVSAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.761.761.2.dta
GPSGVXSAQXLR 4040 809	1	618.7895	1235.565	2	43.76	0.00073	GPSGVSAAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.762.762.2.dta
GPSGVXSAQXLR 2220 445	1	719.8126	1437.611	2	69.09	7.20E-07	GPSGEVSEQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.763.763.2.dta
GPSGVXSAQXLR 6681 1338	1	648.8136	1295.613	2	37.86	0.00064	GPSGVVSAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.768.768.2.dta
GPSGVXSAQXLR 0040 9	1	625.7975	1249.58	2	56.01	1.40E-05	GPSGAVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.769.769.2.dta
GPSGVXSAQXLR 9461 1894	1	665.8062	1329.598	2	42.9	0.00035	GPSGVVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.770.770.2.dta
GPSGVXSAQXLR 0420 85	1	654.7998	1307.585	2	46.15	0.00013	GPSGAVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.776.776.2.dta
GPSGVXSAQXLR 1021 206	1	669.8027	1337.591	2	47.51	8.80E-05	GPSGDVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.777.777.2.dta
GPSGVXSAQXLR 1011 204	1	662.7899	1323.565	2	40.39	0.00078	GPSGDVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.778.778.2.dta
GPSGVXSAQXLR 9441 1890	1	650.7994	1299.584	2	46.96	0.00015	GPSGVVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.784.784.2.dta
GPSGVXSAQXLR 9421 1886	1	686.8093	1371.604	2	38.21	0.00072	GPSGVVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.785.785.2.dta
GPSGVXSAQXLR 9401 1882	1	657.8075	1313.6	2	50.64	5.70E-05	GPSGAVSAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.786.786.2.dta
GPSGVXSAQXLR 9411 1884	1	679.8049	1357.595	2	48.04	7.10E-05	GPSGVVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.792.792.2.dta
GPSGVXSAQXLR 0691 140	1	672.8132	1343.612	2	34.23	0.005	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.793.793.2.dta
GPSGVXSAQXLR 2020 405	1	690.8118	1379.609	2	47.73	7.80E-05	GPSGEVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.794.794.2.dta
GPSGVXSAQXLR 0480 97	1	639.8129	1277.611	2	66.44	2.60E-06	GPSGAVSAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.800.800.2.dta
GPSGVXSAQXLR 9671 1936	1	687.8179	1373.621	2	33.01	0.0084	GPSGVVSAQLTK	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.801.801.2.dta
GPSGVXSAQXLR 8440 1689	1	632.8049	1263.595	2	53.46	3.70E-05	GPSGVVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_30V_120502214048.802.802.2.dta
GPSGVXSAQXLR 1911 384	1									

GPSGVXSAQXLR 9 6 9 1 1940	1	718.8248	1435.635	2	48.37	1.50E-05	GPSGVYSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.899.899.2.dta
GPSGVXSAQXLR 0 4 5 0 91	1	646.8209	1291.627	2	77.98	3.60E-08	GPSGAVSQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.912.912.2.dta
SXPFKXSPLXFR 7 6 2 0 1525	1	766.8594	1531.704	2	42.41	0.0002	STPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.913.913.2.dta
GPSGVXSAQXLR 3 4 0 1 682	1	649.8101	1297.606	2	42.25	0.00039	GPSGVSQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.915.915.2.dta
SXPFKXSPLXFR 6 6 2 0 1325	1	759.8521	1517.69	2	57.83	5.20E-06	SPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.916.916.2.dta
SXPFKXSPLXFR 6 6 6 0 1333	1	738.8456	1475.677	2	43.28	0.00017	STPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.921.921.2.dta
GPSGVXSAQXLR 5 0 6 1 1014	1	647.8229	1293.631	2	39.03	0.00045	GPSGLVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.928.928.2.dta
GPSGVXSAQXLR 2 8 2 0 565	1	704.8258	1407.637	2	44.47	0.00025	GPSGVYSAQQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.929.929.2.dta
GPSGVXSAQXLR 6 5 4 4 1310	1	640.815	1279.616	2	56.23	7.10E-06	GPSGLVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.930.930.2.dta
GPSGVXSAQXLR 3 6 0 0 721	1	678.8169	1355.619	2	73.5	2.20E-07	GPSGVYSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.931.931.2.dta
SXPFKXSPLXFR 0 2 2 0 45	1	772.8589	1543.703	2	50.05	5.00E-05	SAPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.932.932.2.dta
GPSGVXSAQXLR 5 1 1 1 1024	1	683.8145	1365.614	2	38.11	0.00066	GPSGLVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.934.934.2.dta
GPSGVXSAQXLR 5 1 0 0 1021	1	675.8218	1349.629	2	46.78	0.00014	GPSGLVSAQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.936.936.2.dta
GPSGVXSAQXLR 9 2 9 1 1860	1	739.8289	1477.643	2	29.69	0.00034	GPSGVYSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.939.939.2.dta
GPSGVXSAQXLR 3 7 4 1 750	1	664.8152	1327.616	2	43.17	0.00028	GPSGFVSTAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.940.940.2.dta
SXPFKXSPLXFR 7 2 2 0 1445	1	787.8644	1573.714	2	34.12	0.0017	STPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.941.941.2.dta
GPSGVXSAQXLR 6 5 1 1 1304	1	669.8195	1337.624	2	39.23	0.00047	GPSGLVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.944.944.2.dta
SXPFKXSPLXFR 7 1 2 0 1425	1	780.8563	1559.698	2	32.33	0.0021	STPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.945.945.2.dta
GPSGVXSAQXLR 9 1 9 1 1840	1	732.8246	1463.635	2	28.43	0.00075	GPSGVYSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.946.946.2.dta
GPSGVXSAQXLR 1 4 5 1 292	1	654.8115	1307.608	2	48.73	6.80E-05	GPSGDVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.947.947.2.dta
GPSGVXSAQXLR 5 0 1 1 1004	1	661.8221	1321.63	2	38.54	0.00088	GPSGLVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.948.948.2.dta
GPSGVXSAQXLR 9 8 6 1 1974	1	686.8287	1371.643	2	33.06	0.00052	GPSGVYSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.952.952.2.dta
GPSGVXSAQXLR 4 5 4 1 910	1	625.8096	1249.605	2	43.05	6.70E-05	GPSGLVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.953.953.2.dta
GPSGVXSAQXLR 6 4 3 1 1288	1	657.8073	1313.6	2	37.58	0.0012	GPSGVYSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.956.956.2.dta
GPSGVXSAQXLR 3 2 1 1 644	1	707.813	1413.612	2	53.82	1.70E-05	GPSGLVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.958.958.2.dta
GPSGVXSAQXLR 5 0 2 1 1006	1	668.83	1335.646	2	32.77	0.00031	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.961.961.2.dta
GPSGVXSAQXLR 8 9 1 1 1784	1	700.829	1399.644	2	58.27	7.40E-06	GPSGVYSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.962.962.2.dta
SXPFKXSPLXFR 7 0 2 0 1405	1	758.862	1515.709	2	47.29	0.00011	STPFKSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.963.963.2.dta
GPSGVXSAQXLR 9 4 9 0 1899	1	717.8234	1433.632	2	63.56	2.80E-06	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.966.966.2.dta
GPSGVXSAQXLR 4 9 8 1 998	1	671.8246	1341.635	2	38.06	0.00061	GPSGVYSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.968.968.2.dta
GPSGVXSAQXLR 9 0 9 1 1820	1	710.8279	1419.641	2	42.88	0.00036	GPSGVYSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.969.969.2.dta
GPSGVXSAQXLR 1 5 2 1 306	1	690.8237	1379.633	2	41.16	0.00046	GPSGDVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.970.970.2.dta
GPSGVXSAQXLR 1 9 9 0 399	1	746.8256	1491.637	2	56.98	7.00E-06	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.971.971.2.dta
GPSGVXSAQXLR 0 5 4 1 110	1	632.8176	1263.621	2	47.61	4.40E-05	GPSGAVSQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.972.972.2.dta
GPSGVXSAQXLR 2 9 9 0 599	1	753.833	1505.652	2	47.67	2.10E-05	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.976.976.2.dta
GPSGVXSAQXLR 1 5 1 0 303	1	697.8157	1393.617	2	61.73	3.40E-05	GPSGDVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.978.978.2.dta
GPSGVXSAQXLR 0 9 9 0 199	1	724.8311	1447.648	2	50.87	5.60E-05	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.984.984.2.dta
GPSGVXSAQXLR 5 0 2 0 1005	1	682.8312	1363.648	2	43.88	0.00012	GPSGLVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.985.985.2.dta
SXPFKXSPLXFR 0 0 1 0 3	1	736.8488	1471.683	2	33.87	0.0022	SAPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.986.986.2.dta
GPSGVXSAQXLR 5 0 0 1 1002	1	639.8264	1277.638	2	38.91	0.00035	GPSGLVSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.987.987.2.dta
SXPFKXSPLXFR 7 0 1 0 1403	1	751.8541	1501.694	2	46.49	0.00016	STPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.992.992.2.dta
GPSGVXSAQXLR 4 3 4 1 870	1	642.8019	1283.589	2	41.38	0.00029	GPSGVYSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.993.993.2.dta
GPSGVXSAQXLR 5 0 0 0 1001	1	653.8297	1305.645	2	71.36	7.30E-08	GPSGLVSAQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1000.1000.2.dta
GPSGVXSAQXLR 8 8 2 0 1765	1	689.8404	1377.666	2	71.31	2.50E-07	GPSGVYSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1001.1001.2.dta
SXPFKXSPLXFR 6 0 1 0 1203	1	744.8475	1487.681	2	42.23	0.00035	STPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1002.1002.2.dta
GPSGVXSAQXLR 9 2 2 1 1986	1	739.8347	1477.655	2	34.86	0.00018	GPSGVYSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1007.1007.2.dta
GPSGVXSAQXLR 1 9 8 1 398	1	700.8295	1399.645	2	33.17	0.00027	GPSGDVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1016.1016.2.dta
GPSGVXSAQXLR 2 3 1 1 464	1	707.8154	1413.616	2	29.56	0.00054	GPSGVYSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1024.1024.2.dta
GPSGVXSAQXLR 5 2 1 0 1043	1	704.8271	1407.64	2	38.12	0.00098	GPSGLVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1026.1026.2.dta
GPSGVXSAQXLR 2 5 0 0 501	1	682.8298	1363.645	2	38.12	0.00077	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1031.1031.2.dta
GPSGVXSAQXLR 0 8 8 0 177	1	660.8375	1319.661	2	65.37	4.80E-07	GPSGAVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1033.1033.2.dta
GPSGVXSAQXLR 0 3 2 0 65	1	699.824	1397.633	2	57.47	7.30E-06	GPSGAVSQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1034.1034.2.dta
GPSGVXSAQXLR 2 1 3 0 427	1	721.8159	1441.617	2	44.72	7.40E-05	GPSGLVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1035.1035.2.dta
GPSGVXSAQXLR 0 8 0 1 162	1	632.8184	1263.622	2	49.77	2.70E-05	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1037.1037.2.dta
GPSGVXSAQXLR 5 8 6 1 1174	1	661.8406	1321.667	2	37.68	0.00095	GPSGLVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1039.1039.2.dta
GPSGVXSAQXLR 0 3 1 1 64	1	678.8139	1355.613	2	32.66	0.00054	GPSGAVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1040.1040.2.dta
GPSGVXSAQXLR 9 9 9 1 2000	1	756.8416	1511.669	2	38.27	0.00085	GPSGVYSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1041.1041.2.dta
GPSGVXSAQXLR 2 5 7 0 515	1	697.8369	1393.659	2	44.95	0.00012	GPSGVSQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1042.1042.2.dta
GPSGVXSAQXLR 5 2 8 0 1057	1	696.8481	1391.682	2	62.36	3.20E-06	GPSGLVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1047.1047.2.dta
GPSGVXSAQXLR 9 3 6 1 1874	1	710.8292	1419.644	2	36.83	0.0015	GPSGVYSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1048.1048.2.dta
GPSGVXSAQXLR 0 3 7 1 76	1	671.8225	1341.635	2	34.47	0.0014	GPSGAVSQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1049.1049.2.dta
GPSGVXSAQXLR 0 3 0 0 61	1	670.8218	1339.629	2	56.8	6.60E-06	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1055.1055.2.dta
GPSGVXSAQXLR 8 9 9 1 1800	1	724.8452	1447.676	2	33.54	0.00048	GPSGVYSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1056.1056.2.dta
GPSGVXSAQXLR 0 3 2 1 66	1	685.8195	1369.624	2	32.45	0.00029	GPSGAVSQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1057.1057.2.dta
GPSGVXSAQXLR 9 2 5 0 1851	1	728.8456	1455.677	2	58.35	4.20E-06	GPSGVYSAQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1058.1058.2.dta
GPSGVXSAQXLR 2 3 2 1 466	1	714.8257	1427.637	2	50.31	1.50E-05	GPSGVYSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1059.1059.2.dta
GPSGVXSAQXLR 9 9 9 0 1999	1	770.8449	1539.675	2	66.56	9.90E-07	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1060.1060.2.dta
GPSGVXSAQXLR 0 0 3 1 18	1	656.8191	1311.624	2	41.67	0.00026	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1063.1063.2.dta
GPSGVXSAQXLR 0 8 8 1 178	1	646.8361	1291.658	2	54.58	1.80E-05	GPSGAVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1064.1064.2.dta
GPSGVXSAQXLR 0 4 3 1 88	1	649.8105	1297.606	2	28.53	0.00093	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1065.1065.2.dta
GPSGVXSAQXLR 8 6 3 0 1727	1	692.8348	1383.655	2	35.93	0.00069	GPSGVYSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1071.1071.2.dta
GPSGVXSAQXLR 5 0 8 1 1018	1	653.844	1305.673	2	51.44	3.10E-05	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1072.1072.2.dta
GPSGVXSAQXLR 8 9 9 0 1799	1	738.8478	1475.681	2	53.33	1.90E-05	GPSGVYSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1073.1073.2.dta
GPSGVXSAQXLR 3 2 8 0 657	1	713.8405	1425.666	2	55.72	1.10E-05	GPSGFVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V_1075.1075.2.dta
GPSGVXSAQXLR 3 2 9 0 659	1	745.8376	1489.							

GPSGXVSAQXLR 1581 318	1	675.839	1349.664	2	39.29	0.00072	GPSGDVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1162.1162.2.dta
GPSGXVSAQXLR 2380 477	1	713.8397	1425.665	2	66.63	7.50E-07	GPSGVSFAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1163.1163.2.dta
GPSGXVSAQXLR 3250 651	1	720.8472	1439.68	2	78.69	4.00E-08	GPSGFVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1164.1164.2.dta
GPSGXVSAQXLR 2391 480	1	731.8311	1461.648	2	32.12	0.002	GPSGVSFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1167.1167.2.dta
GPSGXVSAQXLR 5981 1198	1	699.8569	1397.699	2	46.99	9.90E-05	GPSGLVSYAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1175.1175.2.dta
GPSGXVSAQXLR 3990 799	1	762.8478	1523.681	2	66.5	1.50E-06	GPSGFVSYAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1176.1176.2.dta
GPSGXVSAQXLR 8980 1797	1	706.8505	1411.687	2	34.57	0.00023	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1177.1177.2.dta
GPSGXVSAQXLR 5560 1113	1	682.8501	1363.686	2	40.08	0.00023	GPSGLVSLAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1183.1183.2.dta
GPSGXVSAQXLR 0850 171	1	667.8454	1333.676	2	69.45	2.20E-07	GPSGAVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1184.1184.2.dta
GPSGXVSAQXLR 6830 1368	1	678.8324	1355.65	2	49.32	5.60E-05	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1185.1185.2.dta
GPSGXVSAQXLR 9391 1880	1	748.8448	1495.675	2	43.34	0.00044	GPSGVVFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1191.1191.2.dta
GPSGXVSAQXLR 4830 1968	1	663.8268	1325.639	2	50.08	7.40E-05	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1193.1193.2.dta
GPSGXVSAQXLR 3980 797	1	730.8503	1459.686	2	68.61	5.70E-07	GPSGFVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1199.1199.2.dta
GPSGXVSAQXLR 3560 1714	1	685.8397	1369.665	2	33.75	0.0026	GPSGFVSLAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1200.1200.2.dta
GPSGXVSAQXLR 2850 571	1	696.8481	1391.682	2	52.06	3.40E-05	GPSGVSVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1201.1201.2.dta
GPSGXVSAQXLR 5050 1011	1	674.8532	1347.692	2	81.11	7.70E-09	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1208.1208.2.dta
GPSGXVSAQXLR 3980 1798	1	716.8493	1431.684	2	37.37	0.00096	GPSGFVSYAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1210.1210.2.dta
GPSGXVSAQXLR 3730 1748	1	709.841	1417.668	2	37.38	0.00088	GPSGFVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1212.1212.2.dta
GPSGXVSAQXLR 3230 1648	1	723.8369	1445.659	2	45.31	0.00015	GPSGFVSEAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1215.1215.2.dta
GPSGXVSAQXLR 5880 1177	1	681.8614	1361.708	2	63.7	4.50E-07	GPSGLVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1216.1216.2.dta
GPSGXVSAQXLR 3340 1670	1	687.8267	1373.639	2	35.77	0.0024	GPSGFVFAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1217.1217.2.dta
GPSGXVSAQXLR 5450 11092	1	653.8431	1305.672	2	39.64	0.00047	GPSGLVSGAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1218.1218.2.dta
GPSGXVSAQXLR 6550 1312	1	668.8481	1335.682	2	36.75	0.0013	GPSGVSVAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1231.1231.2.dta
GPSGXVSAQXLR 2830 567	1	713.8375	1425.661	2	56.3	6.70E-06	GPSGVSVAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1232.1232.2.dta
GPSGXVSAQXLR 3230 647	1	737.8404	1473.666	2	73.32	2.00E-07	GPSGFVSEAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1233.1233.2.dta
GPSGXVSAQXLR 5230 1047	1	720.8475	1439.681	2	40.29	0.00028	GPSGLVSEAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1235.1235.2.dta
GPSGXVSAQXLR 3880 777	1	698.8535	1395.693	2	65.6	2.80E-07	GPSGFVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1239.1239.2.dta
GPSGXVSAQXLR 5570 1115	1	689.859	1377.704	2	63.03	1.90E-06	GPSGLVSLAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1240.1240.2.dta
GPSGXVSAQXLR 3340 669	1	701.83	1401.645	2	41.17	0.00014	GPSGFVFAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1241.1241.2.dta
GPSGXVSAQXLR 1350 1272	1	699.8384	1397.662	2	37.9	0.00088	GPSGVSFAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1247.1247.2.dta
GPSGXVSAQXLR 5300 1061	1	691.8452	1381.676	2	68.31	2.20E-07	GPSGLVFAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1248.1248.2.dta
GPSGXVSAQXLR 9930 1987	1	762.8475	1523.68	2	61.77	4.50E-06	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1249.1249.2.dta
GPSGXVSAQXLR 5370 1075	1	706.8484	1411.682	2	59.38	4.20E-06	GPSGLVFAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1250.1250.2.dta
GPSGXVSAQXLR 8850 11772	1	667.8589	1333.703	2	44.68	0.00014	GPSGVVSYAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1255.1255.2.dta
GPSGXVSAQXLR 5500 11102	1	660.8508	1319.687	2	51.04	2.60E-05	GPSGLVSLAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1256.1256.2.dta
GPSGXVSAQXLR 4350 871	1	684.837	1367.659	2	58.77	6.80E-06	GPSGVSFAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1263.1263.2.dta
GPSGXVSAQXLR 2550 511	1	703.8558	1405.697	2	46.32	0.00017	GPSGVSVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1271.1271.2.dta
GPSGXVSAQXLR 1550 311	1	696.8481	1391.682	2	48.38	8.00E-05	GPSGDVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1272.1272.2.dta
GPSGXVSAQXLR 0550 111	1	674.8533	1347.692	2	71.81	6.60E-08	GPSGAVSLAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1279.1279.2.dta
GPSGXVSAQXLR 6530 11308	1	685.8398	1369.665	2	46.02	0.00015	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1280.1280.2.dta
GPSGXVSAQXLR 0300 607	1	708.8351	1415.656	2	43.96	0.00025	GPSGFVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1281.1281.2.dta
GPSGXVSAQXLR 0830 1168	1	670.836	1339.657	2	30.47	0.0048	GPSGAVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1284.1284.2.dta
GPSGXVSAQXLR 3590 1720	1	723.8552	1445.696	2	35.64	0.0016	GPSGFVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1287.1287.2.dta
GPSGXVSAQXLR 9830 11968	1	716.8484	1431.682	2	42.64	0.00029	GPSGVVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1288.1288.2.dta
GPSGXVSAQXLR 8850 10171	1	681.86	1361.706	2	62.11	6.20E-07	GPSGVVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1289.1289.2.dta
GPSGXVSAQXLR 3050 1612	1	677.8427	1353.671	2	40.68	0.00032	GPSGFVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1291.1291.2.dta
GPSGXVSAQXLR 3390 1680	1	740.8474	1479.68	2	45.79	0.00026	GPSGFVFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1295.1295.2.dta
GPSGXVSAQXLR 0580 1118	1	653.8423	1305.67	2	34.01	0.0017	GPSGAVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1298.1298.2.dta
GPSGXVSAQXLR 3950 791	1	737.8583	1473.702	2	71.09	2.50E-07	GPSGFVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1303.1303.2.dta
GPSGXVSAQXLR 1530 307	1	713.8396	1425.665	2	72.45	2.00E-07	GPSGDVSLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1305.1305.2.dta
GPSGXVSAQXLR 9830 1967	1	730.8495	1459.684	2	53.6	1.80E-05	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1306.1306.2.dta
GPSGXVSAQXLR 4330 1868	1	687.8267	1373.639	2	44.85	0.00029	GPSGVSFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1311.1311.2.dta
GPSGXVSAQXLR 8830 1767	1	698.8525	1395.69	2	77.41	1.80E-08	GPSGVVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1319.1319.2.dta
GPSGXVSAQXLR 2530 1508	1	706.8436	1411.673	2	42.41	0.00025	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1320.1320.2.dta
GPSGXVSAQXLR 7330 1468	1	709.8401	1417.666	2	31.67	0.0041	GPSGVVFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1322.1322.2.dta
GPSGXVSAQXLR 0330 168	1	694.8349	1387.655	2	45.72	0.00018	GPSGAVFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1323.1323.2.dta
GPSGXVSAQXLR 4330 867	1	701.8303	1401.646	2	72.58	9.90E-08	GPSGVSFAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1327.1327.2.dta
GPSGXVSAQXLR 0550 1112	1	660.8516	1319.689	2	23.36	0.015	GPSGAVSLAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1331.1331.2.dta
GPSGXVSAQXLR 5880 1077	1	705.8614	1409.708	2	59.99	1.20E-06	GPSGLVFAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1335.1335.2.dta
GPSGXVSAQXLR 5580 1117	1	688.8692	1375.724	2	65.16	6.90E-07	GPSGLVSLAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1336.1336.2.dta
GPSGXVSAQXLR 8730 1747	1	699.8391	1397.664	2	28.27	0.012	GPSGVVSTAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1337.1337.2.dta
GPSGXVSAQXLR 5350 1071	1	712.8696	1423.725	2	19.5	0.011	GPSGLVFAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1344.1344.2.dta
GPSGXVSAQXLR 3930 787	1	754.8508	1507.687	2	57.72	6.80E-06	GPSGFVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1352.1352.2.dta
GPSGXVSAQXLR 0330 67	1	708.8372	1415.66	2	57.8	8.80E-06	GPSGAVFAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1353.1353.2.dta
GPSGXVSAQXLR 0530 1108	1	677.8427	1353.671	2	35.03	0.0012	GPSGAVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1360.1360.2.dta
GPSGXVSAQXLR 5950 1191	1	720.8672	1439.72	2	37.01	0.00042	GPSGLVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1379.1379.2.dta
GPSGXVSAQXLR 5930 1187	1	737.856	1473.697	2	45.7	0.00025	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1384.1384.2.dta
GPSGXVSAQXLR 9330 1868	1	740.8463	1479.678	2	40.88	0.00077	GPSGVVFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1385.1385.2.dta
GPSGXVSAQXLR 5830 11168	1	691.8578	1381.701	2	40.97	0.00043	GPSGLVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1391.1391.2.dta
GPSGXVSAQXLR 3830 767	1	722.8522	1443.69	2	53.92	1.60E-05	GPSGFVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1407.1407.2.dta
GPSGXVSAQXLR 5830 1167	1	705.86	1409.705	2	67.71	1.70E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1408.1408.2.dta
GPSGXVSAQXLR 8550 1711	1	688.8676	1375.721	2	68.6	4.40E-07	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1409.1409.2.dta
GPSGXVSAQXLR 5350 1072	1	698.8652	1395.716	2	54.58	1.00E-05	GPSGLVFAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1424.1424.2.dta
GPSGXVSAQXLR 8330 1668	1	708.85	1415.686	2	44.66	0.00032	GPSGVVFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1426.1426.2.dta
GPSGXVSAQXLR 5550 1112	1	681.8728	1361.731	2	49.26	2.70E-05	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1431.1431.2.dta
GPSGXVSAQXLR 3350 1672	1	715.8573	1429.7	2	39.94	0.00058	GPSGFVFAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1432.1432.2.dta
GPSGXVSAQXLR 5880 1118	1	674.8677	1347.721	2	34.79	0.001	GPSGLVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1437.1437.2.dta
GPSGXVSAQXLR 5550 1111	1	695.876	1389.738	2	72.92	6.90E-08	GPSGLVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1447.1447.2.dta
GPSGXVSAQXLR 3350 671	1	729.86	1457.706	2	61.93	1.50E-06	GPSGFVFA			

GPSGVSAQXLR 0 6 2 0 125	1	669.8049	1337.595	2	41.58	0.00032	GPSGAVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.744.744.2.dta
GPSGVSAQXLR 0 4 7 0 95	1	640.8035	1279.592	2	35.53	0.0014	GPSGAVSAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.745.745.2.dta
GPSGVSAQXLR 1 1 2 0 225	1	705.7979	1409.581	2	52.62	1.60E-05	GPSGVDSDAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.746.746.2.dta
GPSGVSAQXLR 2 4 1 0 483	1	676.7957	1351.577	2	61.21	3.00E-06	GPSGVEGAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.751.751.2.dta
GPSGVSAQXLR 2 1 2 0 425	1	712.8062	1423.598	2	54.36	1.90E-05	GPSGVEQAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.752.752.2.dta
GPSGVSAQXLR 0 4 1 0 83	1	647.7917	1293.569	2	59.99	9.50E-06	GPSGAVSAQLDR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.767.767.2.dta
GPSGVSAQXLR 2 2 2 0 445	1	719.8133	1437.612	2	72.78	2.40E-07	GPSGVEQAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.769.769.2.dta
GPSGVSAQXLR 0 2 4 0 49	1	654.8007	1307.587	2	55.71	1.50E-05	GPSGAVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.775.775.2.dta
GPSGVSAQXLR 0 0 4 0 9	1	625.798	1249.581	2	51.44	3.60E-05	GPSGAVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.776.776.2.dta
GPSGVSAQXLR 0 0 0 1 2	1	618.8032	1235.592	2	43.14	4.90E-05	GPSGAVSAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.777.777.2.dta
GPSGVSAQXLR 1 0 2 0 205	1	683.8029	1365.591	2	46.47	0.00013	GPSGVDVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.778.778.2.dta
GPSGVSAQXLR 6 4 9 1 1300	1	665.8053	1329.596	2	56.9	1.40E-05	GPSGVSQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.783.783.2.dta
GPSGVSAQXLR 9 1 6 1 1834	1	694.8083	1387.602	2	35.4	0.0017	GPSGVDSDAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.791.791.2.dta
GPSGVSAQXLR 9 4 4 1 1890	1	650.8007	1299.587	2	31.78	0.0048	GPSGVSQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.792.792.2.dta
GPSGVSAQXLR 0 0 0 0 11	1	632.8063	1263.598	2	65.06	2.50E-06	GPSGAVSAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.793.793.2.dta
GPSGVSAQXLR 2 0 2 0 405	1	690.8114	1379.608	2	37.67	0.00079	GPSGVEQAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.794.794.2.dta
GPSGVSAQXLR 1 4 9 1 300	1	679.8038	1357.593	2	36.62	0.00099	GPSGVDVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.795.795.2.dta
GPSGVSAQXLR 0 6 9 1 140	1	672.8148	1343.615	2	46.45	0.0003	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.796.796.2.dta
GPSGVSAQXLR 2 6 9 1 540	1	701.8161	1401.618	2	41.6	0.00064	GPSGVEVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.797.797.2.dta
GPSGVSAQXLR 2 4 9 1 500	1	686.8107	1371.607	2	52.98	3.50E-05	GPSGVEQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.799.799.2.dta
GPSGVSAQXLR 0 0 4 1 10	1	611.7957	1221.577	2	32.17	0.00061	GPSGAVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.800.800.2.dta
GPSGVSAQXLR 4 0 4 1 810	1	604.788	1207.562	2	27.57	0.0017	GPSGVDVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.802.802.2.dta
GPSGVSAQXLR 0 4 8 0 97	1	639.8137	1277.613	2	53.88	4.60E-05	GPSGAVSAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.807.807.2.dta
GPSGVSAQXLR 1 9 1 1 384	1	708.8071	1415.6	2	42.82	7.10E-07	GPSGVDVSAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.808.808.2.dta
GPSGVSAQXLR 9 4 4 0 1889	1	664.8033	1327.592	2	68.15	6.20E-07	GPSGVDVSAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.809.809.2.dta
GPSGVSAQXLR 2 1 9 1 440	1	715.813	1429.612	2	41.88	0.00029	GPSGVEQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.810.810.2.dta
GPSGVSAQXLR 4 1 8 0 837	1	661.8087	1321.603	2	40.46	0.00025	GPSGVDSDAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.811.811.2.dta
GPSGVSAQXLR 0 4 9 1 100	1	657.8081	1313.602	2	35.59	0.0018	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.812.812.2.dta
GPSGVSAQXLR 8 7 1 1 1744	1	669.8201	1337.626	2	43.15	0.00019	GPSGVVSTAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.815.815.2.dta
GPSGVSAQXLR 6 8 6 1 1374	1	648.8135	1295.613	2	40.44	0.00035	GPSGVSQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.816.816.2.dta
GPSGVSAQXLR 2 1 8 0 437	1	697.8192	1393.624	2	60.19	4.50E-06	GPSGVEQAQLVR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.817.817.2.dta
GPSGVSAQXLR 6 8 4 1 1370	1	633.8082	1265.602	2	29.47	0.0015	GPSGVSQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.823.823.2.dta
GPSGVSAQXLR 2 1 9 0 439	1	729.8156	1457.617	2	70.85	3.60E-07	GPSGVEQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.824.824.2.dta
GPSGVSAQXLR 1 1 9 0 239	1	722.8077	1443.601	2	68.7	4.80E-07	GPSGVDVSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.825.825.2.dta
GPSGVSAQXLR 6 8 1 1 1364	1	662.8119	1323.609	2	40.69	0.00026	GPSGVSVAQLDK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.831.831.2.dta
GPSGVSAQXLR 8 0 6 1 1614	1	640.8163	1279.618	2	38.87	0.00047	GPSGVSQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.832.832.2.dta
GPSGVSAQXLR 8 1 0 0 1621	1	668.8164	1335.618	2	66.59	8.20E-07	GPSGVDVSAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.833.833.2.dta
GPSGVSAQXLR 2 0 2 1 406	1	676.8062	1351.598	2	38.67	0.00067	GPSGVEQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.834.834.2.dta
GPSGVSAQXLR 0 2 9 1 60	1	693.8201	1385.626	2	31.86	0.0041	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.839.839.2.dta
GPSGVSAQXLR 6 8 4 0 1369	1	647.8083	1293.602	2	43.43	0.00045	GPSGVSVAQLGR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.847.847.2.dta
GPSGVSAQXLR 2 2 8 0 457	1	704.8268	1407.639	2	56.93	1.30E-05	GPSGVEQAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.848.848.2.dta
GPSGVSAQXLR 2 2 9 0 459	1	736.8239	1471.633	2	76.38	9.90E-08	GPSGVEQAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.849.849.2.dta
GPSGVSAQXLR 1 0 8 1 218	1	654.8153	1307.616	2	40.31	0.00049	GPSGVDVSAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.855.855.2.dta
GPSGVSAQXLR 0 8 4 1 170	1	625.8109	1249.607	2	40.19	0.00013	GPSGAVSAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.856.856.2.dta
GPSGVSAQXLR 0 1 9 0 39	1	700.8135	1399.612	2	39.34	0.00069	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.857.857.2.dta
GPSGVSAQXLR 2 8 6 0 573	1	683.8215	1365.628	2	45.05	0.00014	GPSGVEQAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.858.858.2.dta
GPSGVSAQXLR 4 8 1 1 898	1	618.8033	1235.592	2	18.86	0.013	GPSGVSQAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.861.861.2.dta
GPSGVSAQXLR 0 2 9 0 59	1	707.8216	1413.629	2	44.93	0.00021	GPSGAVSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.863.863.2.dta
GPSGVSAQXLR 8 2 0 0 1641	1	675.8245	1349.634	2	58.99	5.00E-06	GPSGVVSAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.864.864.2.dta
GPSGVSAQXLR 0 0 8 1 18	1	632.8187	1263.623	2	43.66	0.00011	GPSGAVSAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.871.871.2.dta
GPSGVSAQXLR 0 4 9 0 99	1	671.8113	1341.608	2	43.09	0.0001	GPSGAVSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.872.872.2.dta
GPSGVSAQXLR 9 0 7 1 1816	1	679.8234	1357.632	2	37.35	0.003	GPSGVVSAQLTK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.873.873.2.dta
GPSGVSAQXLR 2 7 8 0 557	1	690.8239	1379.645	2	42.6	0.00026	GPSGVEVSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.874.874.2.dta
GPSGVSAQXLR 9 4 2 1 1886	1	686.8112	1371.608	2	39.87	0.00071	GPSGVSQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.879.879.2.dta
GPSGVSAQXLR 0 0 9 0 99	1	678.8193	1355.624	2	46.17	5.40E-05	GPSGAVSAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.887.887.2.dta
GPSGVSAQXLR 8 0 2 1 1606	1	661.824	1321.634	2	56.7	1.90E-05	GPSGVVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.888.888.2.dta
GPSGVSAQXLR 0 9 0 1 182	1	664.8166	1327.619	2	37.29	0.00092	GPSGAVSAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.889.889.2.dta
GPSGVSAQXLR 1 9 7 0 395	1	715.8185	1429.622	2	45.25	0.00021	GPSGVDVSAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.890.890.2.dta
GPSGVSAQXLR 3 4 6 1 694	1	657.8085	1313.602	2	33.88	0.0027	GPSGVSQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.891.891.2.dta
GPSGVSAQXLR 4 8 0 0 961	1	639.8142	1277.614	2	51.58	7.70E-05	GPSGVSVAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.895.895.2.dta
GPSGVSAQXLR 3 4 4 1 690	1	642.8036	1283.593	2	49.57	3.80E-05	GPSGVSQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.897.897.2.dta
GPSGVSAQXLR 1 8 2 0 365	1	697.8184	1393.622	2	46.92	9.70E-05	GPSGVDVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.899.899.2.dta
GPSGVSAQXLR 3 4 0 1 682	1	649.8108	1297.607	2	53.04	3.30E-05	GPSGVSQAQLAK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.903.903.2.dta
GPSGVSAQXLR 2 9 7 0 595	1	722.8266	1443.629	2	56.06	1.60E-05	GPSGVEVSAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.904.904.2.dta
GPSGVSAQXLR 0 8 0 0 161	1	646.8216	1291.629	2	52.58	1.10E-05	GPSGAVSAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.911.911.2.dta
GPSGVSAQXLR 1 4 5 0 291	1	668.8162	1335.618	2	84.99	1.20E-08	GPSGVDVSAQLLR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.912.912.2.dta
GPSGVSAQXLR 0 9 2 1 186	1	693.8204	1385.626	2	25.71	0.017	GPSGAVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.913.913.2.dta
GPSGVSAQXLR 2 8 2 0 565	1	704.8269	1407.639	2	53.97	2.50E-05	GPSGVEVSAQLER	Phospho (ST)	0.000001000000.0	Synth_pep_325V.920.920.2.dta
GPSGVSAQXLR 5 0 6 1 1014	1	647.8243	1293.634	2	37.13	0.00093	GPSGLVSAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.927.927.2.dta
GPSGVSAQXLR 6 5 4 1 1310	1	640.8165	1279.618	2	43.64	0.00016	GPSGVSQAQLGK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.929.929.2.dta
GPSGVSAQXLR 3 1 6 0 633	1	700.8127	1399.611	2	67.43	1.10E-06	GPSGVSQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.929.929.2.dta
GPSGVSAQXLR 9 2 9 1 1860	1	739.8314	1477.648	2	44.81	0.00013	GPSGVEVSAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.930.930.2.dta
GPSGVSAQXLR 1 8 7 0 375	1	683.8185	1365.623	2	31.39	0.0045	GPSGVDVSAQLTR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.931.931.2.dta
SXPFKXSPLEFR 6 0 0 1 1202	1	472.9022	1415.685	3	72.03	2.10E-07	SXPFKXSPLEFR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.933.933.3.dta
GPSGVSAQXLR 5 1 0 0 1021	1	675.8229	1349.631	2	52.28	5.90E-05	GPSGVDVSAQLAR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.935.935.2.dta
GPSGVSAQXLR 9 7 8 0 1957	1	707.8375	1413.66	2	42.52	0.00034	GPSGVVSTAQLYR	Phospho (ST)	0.000001000000.0	Synth_pep_325V.936.936.2.dta
GPSGVSAQXLR 4 0 8 1 818	1	625.8108	1249.607	2	40.37	0.00012	GPSGVSQAQLVK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.939.939.2.dta
GPSGVSAQXLR 8 8 6 1 1774	1	654.8333	1307.652	2	38.27	0.00063	GPSGVSQAQLSK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.943.943.2.dta
GPSGVSAQXLR 7 9 9 1 1600	1	725.834	1449.654	2	34.83	0.0049	GPSGVSQAQLYK	Phospho (ST)	0.000001000000.0	Synth_pep_325V.945.945.2.dta
SXPFKXSPLEFR 7 1 2 0 1425	1	780								

GPSGXVSAQXLR 09 8 0 197	1	692.8354	1383.656	2	57.67	4.60E-06	GPSGAVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.999.999.2.dta
SXPFKXSLXFR 8 0 9 1 1620	1	507.5901	1519.748	3	62.25	3.10E-06	SVPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1003.1003.3.dta
GPSGXVSAQXLR 8 8 0 0 1761	1	660.8374	1319.66	2	84.75	5.50E-09	GPSGVVSYAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1008.1008.2.dta
GPSGXVSAQXLR 1 8 8 1 1378	1	668.8308	1335.647	2	36.47	0.0013	GPSGDVSYAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1009.1009.2.dta
GPSGXVSAQXLR 2 2 3 0 447	1	728.8264	1455.638	2	68.66	5.60E-07	GPSGEVSEALFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1012.1012.2.dta
GPSGXVSAQXLR 1 2 3 0 247	1	721.8173	1441.62	2	46.36	5.10E-05	GPSGDVSEALFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1020.1020.2.dta
SXPFKXSLXFR 6 8 0 1 1362	1	482.2461	1443.717	3	67.25	1.20E-06	SPPFKVSPFLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1024.1024.3.dta
SXPFKXSLXFR 2 9 0 1 582	1	517.5812	1459.722	3	30.41	0.00057	SPPFKVSPFLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1029.1029.3.dta
SXPFKXSLXFR 6 5 0 1 1302	1	486.9178	1457.732	3	23.71	0.022	SPPFKVSPFLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1037.1037.3.dta
GPSGXVSAQXLR 0 3 0 0 61	1	670.822	1339.629	2	53.51	1.40E-05	GPSGAVSFAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1040.1040.2.dta
GPSGXVSAQXLR 8 9 9 1 1800	1	724.8449	1447.675	2	42.58	0.0006	GPSGVVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1041.1041.2.dta
SXPFKXSLXFR 5 0 0 1 1002	1	481.5867	1441.738	3	64.79	1.10E-06	SPPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1043.1043.3.dta
GPSGXVSAQXLR 2 0 3 1 408	1	685.8221	1369.63	2	43.03	0.00033	GPSGEVSAALFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1044.1044.2.dta
SXPFKXSLXFR 0 9 9 1 200	1	528.9216	1583.743	3	37.47	0.00078	SAPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1045.1045.3.dta
SXPFKXSLXFR 4 9 9 1 1000	1	524.2493	1569.726	3	70.85	4.30E-07	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1048.1048.3.dta
SXPFKXSLXFR 7 9 9 1 1600	1	538.9246	1613.752	3	38.06	0.00016	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1049.1049.3.dta
SXPFKXSLXFR 6 9 9 1 1400	1	534.2528	1599.737	3	58.48	3.60E-06	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1051.1051.3.dta
SXPFKXSLXFR 5 0 2 1 1006	1	500.9219	1499.744	3	55.15	1.70E-05	SPPFKASPLFEGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1053.1053.3.dta
GPSGXVSAQXLR 0 5 0 0 101	1	653.8291	1305.644	2	54.32	3.70E-06	GPSGAVSLAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1059.1059.2.dta
SXPFKXSLXFR 2 9 9 1 600	1	548.2567	1641.748	3	22.69	0.00054	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1062.1062.3.dta
SXPFKXSLXFR 6 0 3 1 1208	1	498.2462	1491.717	3	49.6	7.20E-05	SPPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1065.1065.3.dta
GPSGXVSAQXLR 6 9 5 0 1391	1	707.8384	1413.662	2	67.47	7.80E-07	GPSGSVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1072.1072.2.dta
SXPFKXSLXFR 6 8 9 1 1380	1	512.9214	1535.743	3	69.73	4.20E-07	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1073.1073.3.dta
GPSGXVSAQXLR 3 9 7 1 796	1	717.8365	1433.658	2	45.25	0.00033	GPSGVVSYAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1074.1074.2.dta
SXPFKXSLXFR 0 8 9 1 180	1	507.5891	1519.746	3	41.76	0.00037	SAPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1075.1075.3.dta
GPSGXVSAQXLR 9 9 8 0 1997	1	738.8472	1475.68	2	51.61	2.90E-05	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1077.1077.2.dta
GPSGXVSAQXLR 5 8 7 1 1176	1	668.8477	1335.681	2	50.88	5.00E-05	GPSGLVSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1081.1081.2.dta
SXPFKXSLXFR 8 9 9 1 1800	1	538.2653	1611.774	3	43.58	5.30E-05	SVPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1083.1083.3.dta
GPSGXVSAQXLR 3 9 0 0 781	1	716.835	1431.656	2	57.74	8.80E-06	GPSGFVSYAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1096.1096.2.dta
GPSGXVSAQXLR 2 9 5 0 591	1	728.846	1455.678	2	41.04	0.00025	GPSGEVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1100.1100.2.dta
SXPFKXSLXFR 4 6 3 0 927	1	753.8591	1505.704	2	29.33	0.00037	SPPFKVSPFLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1109.1109.2.dta
GPSGXVSAQXLR 1 5 8 0 317	1	689.8401	1377.666	2	63.59	1.50E-06	GPSGDVSLAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1112.1112.2.dta
SXPFKXSLXFR 1 8 9 1 380	1	522.2531	1563.737	3	33.89	0.00015	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1122.1122.3.dta
GPSGXVSAQXLR 7 5 8 0 1517	1	682.8483	1363.682	2	26.71	0.011	GPSGTVSLAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1129.1129.2.dta
SXPFKXSLXFR 5 4 3 1 1088	1	502.2587	1503.754	3	21.99	0.013	SPPFKVSPFLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1133.1133.3.dta
GPSGXVSAQXLR 3 9 9 1 800	1	748.8446	1495.675	2	40.73	0.0007	GPSGFVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1136.1136.2.dta
GPSGXVSAQXLR 0 3 8 0 77	1	684.8374	1367.66	2	39.5	0.00047	GPSGAVSFAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1144.1144.2.dta
SXPFKXSLXFR 6 5 9 1 1320	1	517.5934	1549.758	3	62.37	2.40E-06	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1145.1145.3.dta
GPSGXVSAQXLR 0 9 3 0 187	1	716.835	1431.655	2	63.17	2.50E-06	GPSGAVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1161.1161.2.dta
GPSGXVSAQXLR 8 9 8 0 1797	1	706.8492	1411.684	2	26.31	0.00084	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1165.1165.2.dta
SXPFKXSLXFR 5 0 3 1 1008	1	506.9303	1517.769	3	49.38	1.90E-05	SPPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1168.1168.3.dta
SXPFKXSLXFR 5 8 9 1 1180	1	521.6055	1561.795	3	49.77	2.10E-05	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1176.1176.3.dta
GPSGXVSAQXLR 5 9 8 0 1197	1	713.8586	1425.703	2	49.41	2.40E-05	GPSGLVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1184.1184.2.dta
GPSGXVSAQXLR 1 9 3 1 388	1	724.8273	1447.64	2	43.18	0.00029	GPSGDVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1186.1186.2.dta
GPSGXVSAQXLR 5 9 9 0 1119	1	720.8668	1439.719	2	30.94	0.00017	GPSGLVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1190.1190.2.dta
GPSGXVSAQXLR 3 2 3 1 648	1	723.8369	1445.659	2	43.48	0.00024	GPSGFVSEALFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1193.1193.2.dta
GPSGXVSAQXLR 5 8 8 0 1177	1	681.861	1361.708	2	81.66	7.20E-09	GPSGLVSYAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1200.1200.2.dta
GPSGXVSAQXLR 3 2 3 0 647	1	737.8395	1473.664	2	73.26	2.00E-07	GPSGFVSEALFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1209.1209.2.dta
GPSGXVSAQXLR 1 8 3 1 368	1	692.8283	1383.642	2	37.04	0.0012	GPSGDVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1210.1210.2.dta
GPSGXVSAQXLR 0 8 3 0 167	1	684.8373	1367.66	2	41.65	0.00029	GPSGAVSFAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1216.1216.2.dta
GPSGXVSAQXLR 5 5 0 0 1101	1	674.853	1347.692	2	56.16	2.40E-06	GPSGLVSLAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1218.1218.2.dta
SXPFKXSLXFR 5 5 0 1 1102	1	495.6022	1483.785	3	38.69	0.00033	SPPFKVSPFLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1220.1220.3.dta
GPSGXVSAQXLR 5 7 8 0 1157	1	682.8493	1363.684	2	39.84	0.00033	GPSGLVSTALVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1224.1224.2.dta
GPSGXVSAQXLR 5 3 0 0 1061	1	691.8449	1381.675	2	45.54	4.20E-05	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1226.1226.2.dta
SXPFKXSLXFR 7 3 3 1 1468	1	528.2623	1581.765	3	17.48	0.027	SPPFKVSPFLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1235.1235.3.dta
GPSGXVSAQXLR 2 3 5 1 472	1	706.8434	1411.672	2	40.31	0.00041	SPPGEVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1236.1236.2.dta
GPSGXVSAQXLR 2 5 5 1 512	1	689.8531	1377.692	2	45.2	0.00014	GPSGEVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1240.1240.2.dta
SXPFKXSLXFR 5 5 9 1 1120	1	526.2778	1575.812	3	59.08	1.20E-06	SPPFKVSPFLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1248.1248.3.dta
GPSGXVSAQXLR 5 9 5 0 1191	1	720.8678	1439.721	2	19.05	0.026	GPSGLVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1249.1249.2.dta
GPSGXVSAQXLR 6 5 3 1 1308	1	685.8398	1369.665	2	42.91	0.00031	GPSGSVLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1256.1256.2.dta
GPSGXVSAQXLR 2 5 5 0 511	1	703.8556	1405.697	2	56.06	1.80E-05	GPSGEVSLAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1258.1258.2.dta
GPSGXVSAQXLR 3 9 4 0 789	1	709.8258	1417.637	2	25.65	0.017	GPSGFVSYAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1261.1261.2.dta
GPSGXVSAQXLR 3 5 9 1 720	1	723.8558	1445.697	2	38.5	0.00081	GPSGFVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1264.1264.2.dta
GPSGXVSAQXLR 6 3 3 1 1268	1	702.8321	1403.65	2	41.29	0.0007	GPSGSVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1272.1272.2.dta
GPSGXVSAQXLR 8 5 8 0 1717	1	681.8618	1361.709	2	63.9	4.30E-07	GPSGLVSLAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1278.1278.2.dta
GPSGXVSAQXLR 3 3 9 1 680	1	740.8475	1479.68	2	30.74	0.00083	GPSGFVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1282.1282.2.dta
GPSGXVSAQXLR 0 5 5 0 1111	1	674.8531	1347.692	2	59.45	1.10E-06	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1289.1289.2.dta
GPSGXVSAQXLR 2 5 3 1 508	1	706.8449	1411.675	2	44.4	0.00015	GPSGEVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1297.1297.2.dta
GPSGXVSAQXLR 1 5 3 1 308	1	699.8369	1397.659	2	37.87	0.001	GPSGDVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1299.1299.2.dta
GPSGXVSAQXLR 0 5 3 0 107	1	691.8447	1381.675	2	56.93	4.90E-06	GPSGAVSFAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1306.1306.2.dta
GPSGXVSAQXLR 5 8 5 0 1171	1	688.8691	1375.724	2	55.76	6.00E-06	GPSGLVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1322.1322.2.dta
GPSGXVSAQXLR 8 5 3 1 1708	1	691.8587	1381.703	2	40.34	0.00033	GPSGLVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1376.1376.2.dta
GPSGXVSAQXLR 9 7 5 0 1951	1	476.9029	1427.687	3	38.26	0.00045	GPSGVVSTALQR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1430.1430.3.dta
GPSGXVSAQXLR 7 9 3 0 1587	1	488.2307	1461.67	3	34.22	0.0014	GPSGTVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1483.1483.3.dta
GPSGXVSAQXLR 2 1 6 1 434	1	677.7975	1353.58	2	32.9	0.0017	GPSGEVSDAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.730.730.2.dta
GPSGXVSAQXLR 2 1 2 1 426	1	698.8026	1395.591	2	44.61	0.00054	GPSGEVSDAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.741.741.2.dta
GPSGXVSAQXLR 2 4 2 1 486	1	669.8024	1337.59	2	29.36	0.00057	GPSGEVSAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.746.746.2.dta
GPSGXVSAQXLR 2 1 2 0 425	1	712.8053	1423.596	2	59.27					

GPSGVXSAQXLR 2 8 2 0 565	1	704.827	1407.64	2	52.15	3.90E-05	GPSGEVSAQLER	Phospho (ST)	0.00000010000000	Synth_pep_35V.916.916.2.dta
GPSGVXSAQXLR 6 8 0 1 1362	1	640.8184	1279.622	2	26.53	0.008	GPSGSVSAQQLAK	Phospho (ST)	0.00000010000000	Synth_pep_35V.917.917.2.dta
GPSGVXSAQXLR 1 9 9 1 400	1	732.8243	1463.634	2	46.68	0.00011	GPSGDVSAQLYK	Phospho (ST)	0.00000010000000	Synth_pep_35V.929.929.2.dta
GPSGVXSAQXLR 8 2 9 1 1660	1	707.8364	1413.658	2	38.02	0.0009	GPSGVVSAQLYK	Phospho (ST)	0.00000010000000	Synth_pep_35V.930.930.2.dta
GPSGVXSAQXLR 2 2 5 1 452	1	697.8337	1393.653	2	38.04	0.00035	GPSGVEAQLLK	Phospho (ST)	0.00000010000000	Synth_pep_35V.934.934.2.dta
GPSGVXSAQXLR 5 2 4 0 1049	1	675.8233	1349.632	2	58.67	5.40E-06	GPSGLVSAQQLGR	Phospho (ST)	0.00000010000000	Synth_pep_35V.936.936.2.dta
GPSGVXSAQXLR 7 9 9 1 1600	1	725.8337	1449.653	2	28.45	0.021	GPSGTVSAQLYK	Phospho (ST)	0.00000010000000	Synth_pep_35V.940.940.2.dta
GPSGVXSAQXLR 2 2 5 0 451	1	711.8337	1421.653	2	75.28	1.40E-07	GPSGVEAQLLR	Phospho (ST)	0.00000010000000	Synth_pep_35V.941.941.2.dta
GPSGVXSAQXLR 6 9 8 1 1398	1	686.8298	1371.645	2	39.85	0.0011	GPSGSVSAQLYK	Phospho (ST)	0.00000010000000	Synth_pep_35V.944.944.2.dta
SXPFKXSPLXFR 4 7 0 0 941	1	482.2374	1443.69	3	42.71	0.00021	SGPFKTSPLAFGR	Phospho (ST)	0.00000010000000	Synth_pep_35V.947.947.3.dta
GPSGVXSAQXLR 3 1 2 0 625	1	721.8164	1441.618	2	24.23	0.0083	GPSGFVSDAQLER	Phospho (ST)	0.00000010000000	Synth_pep_35V.949.949.2.dta
GPSGVXSAQXLR 0 9 9 1 200	1	710.8286	1419.643	2	44.36	0.00026	GPSGAVSAQLYK	Phospho (ST)	0.00000010000000	Synth_pep_35V.952.952.2.dta
SXPFKXSPLXFR 0 0 9 1 20	1	498.2462	1491.717	3	54.26	2.50E-05	SAPFKSPLVYFGK	Phospho (ST)	0.00000010000000	Synth_pep_35V.962.962.3.dta
GPSGVXSAQXLR 0 9 9 0 199	1	724.8318	1447.649	2	54.48	2.90E-05	GPSGAVSAQLYR	Phospho (ST)	0.00000010000000	Synth_pep_35V.969.969.2.dta
SXPFKXSPLXFR 6 0 9 1 1220	1	503.5777	1507.711	3	69.1	1.10E-06	SGPFKASPLVYFGK	Phospho (ST)	0.00000010000000	Synth_pep_35V.971.971.3.dta
SXPFKXSPLXFR 4 1 8 0 837	1	496.2406	1485.7	3	40.72	0.00044	SGPFKDSPLVFR	Phospho (ST)	0.00000010000000	Synth_pep_35V.976.976.3.dta
GPSGVXSAQXLR 0 9 8 0 197	1	692.8345	1383.655	2	42.86	0.00014	GPSGAVSAQLYR	Phospho (ST)	0.00000010000000	Synth_pep_35V.984.984.2.dta
GPSGVXSAQXLR 6 5 0 0 1301	1	661.8237	1321.633	2	49.35	0.00011	GPSGSVSLAQLAR	Phospho (ST)	0.00000010000000	Synth_pep_35V.992.992.2.dta
GPSGVXSAQXLR 2 2 0 0 441	1	690.8146	1379.615	2	81.53	8.20E-08	GPSGEVSAQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.802.802.2.dta
GPSGVXSAQXLR 0 0 5 0 11	1	653.8301	1305.646	2	68.24	1.50E-07	GPSGAVSAQQLR	Phospho (ST)	0.00000010000000	AIC_synth_375.1172.1172.2.dta
SXPFKXSPLXFR 4 5 0 1 902	1	476.9151	1427.724	3	70.04	2.40E-07	SGPFKLSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1346.1346.3.dta
GPSGVXSAQXLR 5 9 0 0 1181	1	699.8442	1397.674	2	64.31	1.00E-06	GPSGLVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.1296.1296.2.dta
GPSGVXSAQXLR 0 0 0 0 1	1	632.8083	1263.602	2	59.13	1.20E-06	GPSGAVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.842.842.2.dta
GPSGVXSAQXLR 9 1 6 0 1833	1	708.8139	1415.613	2	65.86	1.50E-06	GPSGVVSDAQLSR	Phospho (ST)	0.00000010000000	AIC_synth_375.866.866.2.dta
SXPFKXSPLXFR 4 3 0 1 862	1	488.2426	1461.706	3	60.06	1.60E-06	SGPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1430.1430.3.dta
GPSGVXSAQXLR 0 9 0 0 181	1	678.8194	1355.624	2	61.26	1.70E-06	GPSGAVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.994.994.2.dta
GPSGVXSAQXLR 9 1 7 0 1835	1	715.8173	1429.62	2	63.37	2.00E-06	GPSGVVSDAQLTR	Phospho (ST)	0.00000010000000	AIC_synth_375.904.904.2.dta
SXPFKXSPLXFR 0 0 0 1 2	1	467.5715	1399.693	3	59.36	3.00E-06	SAPFKASPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1043.1043.3.dta
GPSGVXSAQXLR 2 1 6 0 433	1	691.7997	1381.585	2	61.58	3.00E-06	GPSGEVSDAQLSR	Phospho (ST)	0.00000010000000	AIC_synth_375.752.752.2.dta
SXPFKXSPLXFR 7 9 9 1 1600	1	538.9257	1613.755	3	59.75	3.00E-06	SXPFKYSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1250.1250.3.dta
GPSGVXSAQXLR 0 2 8 0 57	1	675.8235	1349.632	2	61.03	3.10E-06	GPSGAVSAQLYR	Phospho (ST)	0.00000010000000	AIC_synth_375.930.930.2.dta
SXPFKXSPLXFR 4 6 0 1 922	1	468.2313	1401.672	3	63	3.20E-06	SGPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.989.989.3.dta
SXPFKXSPLXFR 0 0 3 1 8	1	492.9147	1475.722	3	54.2	4.60E-06	SAPFKASPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1267.1267.3.dta
GPSGVXSAQXLR 0 4 0 1 82	1	611.7979	1221.581	2	53.2	4.80E-06	GPSGAVSAQQLAK	Phospho (ST)	0.00000010000000	AIC_synth_375.743.743.2.dta
GPSGVXSAQXLR 8 2 7 0 1655	1	690.8298	1379.645	2	59.55	5.20E-06	GPSGVVSAQQLTR	Phospho (ST)	0.00000010000000	AIC_synth_375.946.946.2.dta
SXPFKXSPLXFR 8 9 9 1 1800	1	538.2653	1611.774	3	53.61	5.20E-06	SVPFKYSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1306.1306.3.dta
SXPFKXSPLXFR 4 4 0 1 882	1	458.2272	1371.66	3	58	5.90E-06	SGPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.996.996.3.dta
SXPFKXSPLXFR 6 4 2 1 1286	1	487.5655	1459.675	3	58.62	7.40E-06	SPPFKSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1010.1010.3.dta
SXPFKXSPLXFR 5 0 5 1 1012	1	495.6027	1483.786	3	53.74	8.20E-06	SXPFKASPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1420.1420.3.dta
GPSGVXSAQXLR 0 0 8 0 17	1	646.8223	1291.63	2	53.62	8.50E-06	GPSGAVSAQQLVR	Phospho (ST)	0.00000010000000	AIC_synth_375.979.979.2.dta
GPSGVXSAQXLR 2 2 3 0 447	1	728.8268	1455.639	2	56.39	9.50E-06	GPSGEVSAQLFR	Phospho (ST)	0.00000010000000	AIC_synth_375.1187.1187.2.dta
SXPFKXSPLXFR 4 0 0 1 802	1	462.8993	1385.676	3	53.63	1.20E-05	SGPFKASPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1044.1044.3.dta
GPSGVXSAQXLR 6 2 6 1 1254	1	663.8029	1325.591	2	55.82	1.20E-05	GPSGSVSAQQLSK	Phospho (ST)	0.00000010000000	AIC_synth_375.736.736.2.dta
SXPFKXSPLXFR 0 5 0 1 102	1	481.5869	1441.739	3	51.75	1.30E-05	SAPFKLSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1354.1354.3.dta
SXPFKXSPLXFR 0 4 2 1 86	1	482.2347	1443.682	3	56.1	1.30E-05	SAPFKSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.992.992.3.dta
GPSGVXSAQXLR 1 0 3 1 208	1	678.8132	1355.612	2	58.58	1.40E-05	GPSGDVSAQQLFK	Phospho (ST)	0.00000010000000	AIC_synth_375.1218.1218.2.dta
GPSGVXSAQXLR 2 2 5 0 451	1	711.8339	1421.653	2	54.63	1.60E-05	GPSGEVSAQQLR	Phospho (ST)	0.00000010000000	AIC_synth_375.1074.1074.2.dta
SXPFKXSPLXFR 8 8 9 1 1780	1	516.9344	1547.782	3	51.69	1.70E-05	SVPFKVSPVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1362.1362.3.dta
SXPFKXSPLXFR 4 8 0 1 962	1	472.243	1413.707	3	53.54	1.90E-05	SGPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1212.1212.3.dta
GPSGVXSAQXLR 0 1 4 0 29	1	647.7952	1293.576	2	58.29	2.10E-05	GPSGAVSAQQLGR	Phospho (ST)	0.00000010000000	AIC_synth_375.774.774.2.dta
SXPFKXSPLXFR 6 5 9 1 1320	1	517.5938	1459.579	3	52.94	2.10E-05	SXPFKLSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1426.1426.3.dta
GPSGVXSAQXLR 0 9 4 0 189	1	671.8134	1341.612	2	48.86	2.30E-05	GPSGAVSAQQLGR	Phospho (ST)	0.00000010000000	AIC_synth_375.954.954.2.dta
SXPFKXSPLXFR 6 5 5 1 1312	1	500.9344	1499.781	3	49.57	2.60E-05	SXPFKLSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1571.1571.3.dta
SXPFKXSPLXFR 4 0 0 0 801	1	472.2344	1413.681	3	54.38	2.60E-05	SGPFKASPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1082.1082.3.dta
GPSGVXSAQXLR 8 2 4 0 1649	1	668.8154	1335.616	2	51.22	2.80E-05	GPSGVVSAQQLGR	Phospho (ST)	0.00000010000000	AIC_synth_375.931.931.2.dta
GPSGVXSAQXLR 0 9 9 1 200	1	710.8292	1419.644	2	54.61	2.90E-05	GPSGAVSAQLYK	Phospho (ST)	0.00000010000000	AIC_synth_375.1084.1084.2.dta
GPSGVXSAQXLR 4 4 0 0 881	1	618.7932	1235.572	2	51.11	2.90E-05	GPSGGVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.759.759.2.dta
SXPFKXSPLXFR 1 3 0 0 261	1	516.9136	1547.719	3	49.79	3.80E-05	SDPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1530.1530.3.dta
GPSGVXSAQXLR 3 1 6 0 633	1	700.8145	1399.614	2	50.79	3.90E-05	GPSGVVSDAQLSR	Phospho (ST)	0.00000010000000	AIC_synth_375.1042.1042.2.dta
SXPFKXSPLXFR 4 5 9 1 920	1	507.5904	1519.749	3	50.85	4.30E-05	SGPFKLSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1410.1410.3.dta
SXPFKXSPLXFR 0 8 9 1 180	1	507.5908	1519.751	3	49.02	5.40E-05	SAPFKVSPVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1298.1298.3.dta
GPSGVXSAQXLR 2 1 6 1 434	1	677.8	1353.586	2	44.75	5.50E-05	GPSGEVSDAQLSK	Phospho (ST)	0.00000010000000	AIC_synth_375.734.734.2.dta
GPSGVXSAQXLR 2 1 4 1 430	1	662.7925	1323.571	2	50.07	5.70E-05	GPSGEVSDAQLGK	Phospho (ST)	0.00000010000000	AIC_synth_375.751.751.2.dta
SXPFKXSPLXFR 6 9 9 1 1400	1	534.2541	1599.74	3	48.35	5.70E-05	SXPFKYSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1252.1252.3.dta
SXPFKXSPLXFR 0 9 9 1 200	1	528.9221	1583.745	3	48.63	6.00E-05	SAPFKVSPVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1235.1235.3.dta
SXPFKXSPLXFR 4 9 0 0 981	1	502.9102	1505.709	3	46.89	6.10E-05	SGPFKYSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.1226.1226.3.dta
GPSGVXSAQXLR 0 2 0 0 41	1	661.8111	1321.608	2	46.65	6.60E-05	GPSGAVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.810.810.2.dta
SXPFKXSPLXFR 5 8 9 1 1180	1	521.6066	1561.798	3	43.65	7.10E-05	SXPFKYSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1482.1482.3.dta
SXPFKXSPLXFR 7 4 0 1 1482	1	472.9032	1415.688	3	48.73	8.10E-05	STPFKTSPLAFGR	Phospho (ST)	0.00000010000000	AIC_synth_375.990.990.3.dta
SXPFKXSPLXFR 4 6 9 1 940	1	498.905	1493.693	3	50.53	8.20E-05	SGPFKYSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1055.1055.3.dta
GPSGVXSAQXLR 5 3 3 1 1108	1	466.2478	1395.722	3	44.39	8.60E-05	GPSGLVSLAQLFK	Phospho (ST)	0.00000010000000	AIC_synth_375.1962.1962.3.dta
GPSGVXSAQXLR 6 9 4 1 1390	1	665.8065	1329.598	2	48.96	8.90E-05	GPSGSVSAQQLGK	Phospho (ST)	0.00000010000000	AIC_synth_375.875.875.2.dta
GPSGVXSAQXLR 0 5 0 1 102	1	639.8269	1277.639	2	44.71	9.10E-05	GPSGAVSAQQLAK	Phospho (ST)	0.00000010000000	AIC_synth_375.1171.1171.2.dta
GPSGVXSAQXLR 6 9 5 0 1391	1	707.8399	1413.665	2	46.42	9.20E-05	GPSGSVSAQQLR	Phospho (ST)	0.00000010000000	AIC_synth_375.1276.1276.2.dta
GPSGVXSAQXLR 8 4 0 0 1681	1	639.8167	1277.619	2	46.39	0.0001	GPSGVVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.867.867.2.dta
GPSGVXSAQXLR 8 8 0 0 1761	1	660.8387	1319.663	2	42.09	0.0001	GPSGVVSAQQLAR	Phospho (ST)	0.00000010000000	AIC_synth_375.1178.1178.2.dta
SXPFKXSPLXFR 6 5 2 1 1306	1	506.2542	1515.741	3	45.64	0.00011	SGPFKLSPLVYFGK	Phospho (ST)	0.00000010000000	AIC_synth_375.1364.1364.3.dta
GPSGVXSAQXLR 5 1 6 0 1033	1	683.8224	1365.63	2	46.04	0.00012	GPSGLVSDAQLSR	Phospho (ST)	0.00000010000000	AIC_synth_375.1002.1002.2.dta
GPSGVXSAQXLR 6 5 0 0 1301	1	661.								

GPSGVXSAQXLR 8 9 3 1 1788	1	716.8479	1431.681	2	42.34	0.00038	GPSGVVSYAQLFK	Phospho (ST)	0.0000001000000	AJC_synth_375.1562.1562.2.dta
GPSGVXSAQXLR 2 8 8 0 577	1	689.8403	1377.666	2	39.45	0.00038	GPSGVEVSAQXLR	Phospho (ST)	0.0000001000000	AJC_synth_375.1196.1196.2.dta
SXPFKXSPLXFR 0 4 9 1 100	1	493.5748	1477.703	3	42.81	0.00042	SAPFKKSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1047.1047.3.dta
SXPFKXSPLXFR 5 3 1 0 1063	1	530.929	1589.765	3	38.91	0.00044	SLPFKPSPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1666.1666.3.dta
GPSGVXSAQXLR 8 8 8 0 1777	1	674.8535	1347.692	2	33.37	0.00046	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000	AJC_synth_375.1356.1356.2.dta
SXPFKXSPLXFR 4 1 9 1 840	1	508.2376	1521.691	3	42.6	0.00047	SGPFKDSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1100.1100.3.dta
SXPFKXSPLXFR 8 0 8 1 1618	1	486.2582	1455.753	3	39.82	0.00047	SVPFKASPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1197.1197.3.dta
SXPFKXSPLXFR 8 0 9 1 1620	1	507.5903	1519.749	3	40.35	0.00048	SVPFKASPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1186.1186.3.dta
SXPFKXSPLXFR 2 9 9 1 600	1	548.2568	1641.749	3	32.98	0.0005	SEPFKSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1258.1258.3.dta
SXPFKXSPLXFR 4 4 2 1 886	1	477.562	1429.664	3	40.5	0.00056	SGPFKSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1011.1011.3.dta
GPSGVXSAQXLR 2 4 2 1 486	1	669.803	1337.591	2	41.37	0.00057	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.766.766.2.dta
GPSGVXSAQXLR 8 2 6 1 1654	1	669.8197	1337.625	2	38.16	0.0006	GPSGVVSEQAQSK	Phospho (ST)	0.0000001000000	AJC_synth_375.874.874.2.dta
SXPFKXSPLXFR 0 6 9 1 140	1	503.5772	1507.71	3	41.66	0.00061	SAPFKKSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1051.1051.3.dta
GPSGVXSAQXLR 8 9 0 0 1797	1	706.8507	1411.687	2	33.93	0.00061	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000	AJC_synth_375.1304.1304.2.dta
GPSGVXSAQXLR 0 9 4 1 190	1	657.8081	1313.602	2	40.2	0.00063	GPSGVVSYAQLGK	Phospho (ST)	0.0000001000000	AJC_synth_375.922.922.2.dta
SXPFKXSPLXFR 5 6 9 1 1140	1	517.5945	1549.762	3	37.26	0.00065	SLPFKSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1251.1251.3.dta
GPSGVXSAQXLR 7 8 8 0 1577	1	675.8434	1349.672	2	36.64	0.00065	GPSGVVSYAQLVR	Phospho (ST)	0.0000001000000	AJC_synth_375.1199.1199.2.dta
SXPFKXSPLXFR 6 3 9 1 1280	1	528.9221	1583.744	3	38.05	0.00068	SGPFKDSPLYFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1467.1467.3.dta
GPSGVXSAQXLR 6 9 6 1 1394	1	680.8128	1359.611	2	42.54	0.00068	GPSGVSVAQSK	Phospho (ST)	0.0000001000000	AJC_synth_375.855.855.2.dta
SXPFKXSPLXFR 4 2 0 0 841	1	491.569	1471.685	3	38.81	0.00069	SGPFKESPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1059.1059.3.dta
SXPFKXSPLXFR 4 6 4 1 930	1	463.5587	1387.654	3	41	0.00072	SGPFKSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.978.978.3.dta
GPSGVXSAQXLR 6 1 6 1 1234	1	656.7913	1311.568	2	31.23	0.00075	GPSGVDVSAQLSK	Phospho (ST)	0.0000001000000	AJC_synth_375.721.721.2.dta
SXPFKXSPLXFR 5 0 0 0 1001	1	490.9209	1469.741	3	36.08	0.00078	SLPFKASPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1282.1282.3.dta
GPSGVXSAQXLR 0 4 6 1 94	1	619.7938	1237.573	2	38.26	0.0008	GPSGVVSEQAQSK	Phospho (ST)	0.0000001000000	AJC_synth_375.726.726.2.dta
GPSGVXSAQXLR 2 9 4 1 590	1	686.8132	1371.612	2	40.28	0.00086	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.914.914.2.dta
GPSGVXSAQXLR 5 5 5 1 1112	1	454.9194	1361.736	3	34.08	0.00088	GPSGLVSLAQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.1882.1882.3.dta
SXPFKXSPLXFR 4 4 1 0 883	1	482.2244	1443.651	3	34.85	0.001	SGPFKSPLEDFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1102.1102.3.dta
GPSGVXSAQXLR 1 1 6 0 233	1	684.7902	1367.566	2	33.15	0.001	GPSGVDVSAQLSR	Phospho (ST)	0.0000001000000	AJC_synth_375.754.754.2.dta
SXPFKXSPLXFR 1 0 0 0 201	1	491.5694	1471.686	3	36.62	0.0011	SDPFKASPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1170.1170.3.dta
SXPFKXSPLXFR 4 9 3 1 988	1	518.9174	1553.73	3	35.39	0.0011	SGPFKYSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1411.1411.3.dta
GPSGVXSAQXLR 6 9 0 0 1381	1	458.2156	1371.625	3	36.23	0.0013	GPSGVSVAQLR	Phospho (ST)	0.0000001000000	AJC_synth_375.1325.1325.3.dta
GPSGVXSAQXLR 1 0 4 1 210	1	633.7926	1265.571	2	39.71	0.0014	GPSGVDVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.735.735.2.dta
GPSGVXSAQXLR 1 9 9 1 400	1	732.8229	1463.631	2	35.54	0.0014	GPSGVDVSAQLYK	Phospho (ST)	0.0000001000000	AJC_synth_375.1053.1053.2.dta
GPSGVXSAQXLR 2 4 0 1 482	1	640.7971	1279.58	2	35.3	0.0015	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.753.753.2.dta
GPSGVXSAQXLR 5 3 5 1 1072	1	466.2477	1395.721	3	31.78	0.0016	GPSGLVSLAQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.1860.1860.3.dta
SXPFKXSPLXFR 2 0 1 0 403	1	510.9044	1529.691	3	36.82	0.0017	SEPFKESPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1147.1147.3.dta
SXPFKXSPLXFR 2 2 1 0 443	1	530.2394	1587.697	3	31.65	0.0017	SEPFKESPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1115.1115.3.dta
SXPFKXSPLXFR 1 9 3 1 388	1	538.2531	1611.737	3	31.23	0.0017	SDPFKYSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1492.1492.3.dta
GPSGVXSAQXLR 2 9 9 1 600	1	739.8322	1477.65	2	33.64	0.0018	GPSGVEVSAQLYK	Phospho (ST)	0.0000001000000	AJC_synth_375.1068.1068.2.dta
SXPFKXSPLXFR 0 8 0 1 162	1	476.9155	1427.725	3	31.08	0.0019	SAPFKKSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1236.1236.3.dta
GPSGVXSAQXLR 0 8 0 0 161	1	646.8208	1291.627	2	30.27	0.0021	GPSGAVSVAQLR	Phospho (ST)	0.0000001000000	AJC_synth_375.1104.1104.2.dta
SXPFKXSPLXFR 1 5 0 1 302	1	496.2505	1485.73	3	34.95	0.0022	SDPFKLSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1458.1458.3.dta
SXPFKXSPLXFR 0 8 2 1 166	1	496.2503	1485.729	3	34.9	0.0022	SAPFKVSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1230.1230.3.dta
GPSGVXSAQXLR 1 1 6 1 234	1	670.7913	1339.568	2	29.13	0.0024	GPSGVDVSAQLSK	Phospho (ST)	0.0000001000000	AJC_synth_375.729.729.2.dta
SXPFKXSPLXFR 2 9 5 1 592	1	531.5977	1591.771	3	27.36	0.0025	SEPFKYSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1363.1363.3.dta
SXPFKXSPLXFR 5 0 3 1 1008	1	506.931	1517.771	3	26.62	0.0029	SLPFKASPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1491.1491.3.dta
GPSGVXSAQXLR 1 5 3 1 308	1	699.8378	1397.661	2	32.42	0.0031	GPSGVDVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1626.1626.2.dta
GPSGVXSAQXLR 5 1 6 1 1034	1	669.8209	1337.627	2	30.62	0.0034	GPSGLVSLAQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.987.987.2.dta
GPSGVXSAQXLR 0 2 9 1 60	1	693.8207	1385.627	2	32.59	0.0035	GPSGAVSVAQLYK	Phospho (ST)	0.0000001000000	AJC_synth_375.906.906.2.dta
GPSGVXSAQXLR 4 4 6 1 894	1	612.7835	1223.553	2	28.22	0.0037	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.719.719.2.dta
SXPFKXSPLXFR 4 1 0 0 821	1	486.8958	1457.666	3	32.31	0.004	SGPFKDSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1154.1154.3.dta
GPSGVXSAQXLR 3 8 9 1 780	1	478.2333	1431.678	3	31.19	0.004	GPSGVSVAQLYK	Phospho (ST)	0.0000001000000	AJC_synth_375.1448.1448.3.dta
SXPFKXSPLXFR 3 0 3 1 608	1	518.2581	1551.753	3	24.16	0.004	SDPFKASPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1546.1546.3.dta
SXPFKXSPLXFR 4 0 9 1 820	1	493.5742	1477.701	3	32.11	0.0043	SGPFKASPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1155.1155.3.dta
GPSGVXSAQXLR 8 0 7 0 1615	1	661.8267	1321.639	2	28.06	0.0043	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000	AJC_synth_375.923.923.2.dta
GPSGVXSAQXLR 1 2 1 0 243	1	470.8694	1409.587	3	25.55	0.0046	GPSGVDVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.783.783.3.dta
GPSGVXSAQXLR 0 9 3 1 188	1	702.8317	1403.649	2	31.24	0.0051	GPSGAVSVAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1428.1428.2.dta
GPSGVXSAQXLR 0 5 6 1 114	1	647.8248	1293.635	2	29.65	0.0052	GPSGAVSVAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1086.1086.2.dta
GPSGVXSAQXLR 1 9 3 1 388	1	724.8269	1447.639	2	30.64	0.0053	GPSGVDVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1370.1370.2.dta
SXPFKXSPLXFR 2 0 0 0 401	1	496.2413	1485.702	3	29.77	0.0055	SEPFKESPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1099.1099.3.dta
SXPFKXSPLXFR 5 8 1 0 1163	1	514.9292	1541.766	3	29.27	0.0056	SLPFKVSPLDFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1490.1490.3.dta
SXPFKXSPLXFR 1 8 0 0 361	1	500.9125	1499.716	3	31.01	0.0058	SDPFKVSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1338.1338.3.dta
GPSGVXSAQXLR 9 8 5 1 1972	1	466.9065	1397.698	3	29.33	0.0058	GPSGVSVAQQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.1539.1539.3.dta
GPSGVXSAQXLR 2 5 0 0 501	1	682.8318	1363.649	2	27.02	0.0058	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1195.1195.2.dta
GPSGVXSAQXLR 6 9 3 1 1388	1	710.8287	1419.643	2	30.74	0.0059	GPSGVSVAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1339.1339.2.dta
GPSGVXSAQXLR 0 3 6 1 74	1	664.8157	1327.617	2	29.83	0.0061	GPSGAVSVAQSK	Phospho (ST)	0.0000001000000	AJC_synth_375.1122.1122.2.dta
GPSGVXSAQXLR 0 3 9 1 80	1	702.831	1403.647	2	30.34	0.0062	GPSGAVSVAQLYK	Phospho (ST)	0.0000001000000	AJC_synth_375.1318.1318.2.dta
GPSGVXSAQXLR 6 0 0 0 1201	1	640.803	1279.591	2	28.23	0.0074	GPSGVSVAQQLAR	Phospho (ST)	0.0000001000000	AJC_synth_375.858.858.2.dta
SXPFKXSPLXFR 4 4 2 0 885	1	486.8979	1457.672	3	28.33	0.0079	SGPFKSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1045.1045.3.dta
GPSGVXSAQXLR 3 3 5 1 672	1	477.5763	1429.707	3	26.82	0.0079	GPSGVSVAQQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.1883.1883.3.dta
SXPFKXSPLXFR 0 4 3 1 88	1	488.2429	1461.707	3	23.18	0.0079	SAPFKKSPLEFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1202.1202.3.dta
GPSGVXSAQXLR 2 2 8 0 457	1	704.8293	1407.644	2	32.31	0.008	GPSGVEVSAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.918.918.2.dta
SXPFKXSPLXFR 2 9 0 0 581	1	526.9167	1577.728	3	28.91	0.0084	SEPFKYSPLAFGR	Phospho (ST)	0.0000001000000	AJC_synth_375.1231.1231.3.dta
SXPFKXSPLXFR 9 9 9 1 2000	1	559.5972	1675.77	3	23.28	0.0085	SVPFKYSPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1330.1330.3.dta
SXPFKXSPLXFR 0 0 9 1 20	1	498.2473	1491.72	3	28.2	0.0086	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1106.1106.3.dta
GPSGVXSAQXLR 3 9 3 1 788	1	740.8485	1479.683	2	30.64	0.0086	GPSGVSVAQQLK	Phospho (ST)	0.0000001000000	AJC_synth_375.1706.1706.2.dta
GPSGVXSAQXLR 0 2 3 1 48	1	685.821	1369.627	2	29.55	0.0087	GPSGAVSVAQLEK	Phospho (ST)	0.0000001000000	AJC_synth_375.1244.1244.2.dta
GPSGVXSAQXLR 4 0 0 0 801	1	625.7974	1249.58	2	27.95	0.0087	GPSGVSVAQQLAR	Phospho (ST)	0.0000001000000	AJC_synth_375.880.880.2.dta
SXPFKXSPLXFR 4 5 3 1 908	1	502.2596	1503.757	3	22.94	0.0091	SGPFKLSPLFFGK	Phospho (ST)	0.0000001000000	AJC_synth_375.1486.1486.3.dta
SXPFKXSPLXFR 4 6 1 1 924	1	482.8927	1445.656							

GPSGXVSAQXLR 1941 390	1	679.8033	1357.592	2	22.81	0.024	GPSGDVSAQGLK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.898.898.2.dta
SXPFKXSLXFR 501 1102	1	495.603	1483.787	3	18.95	0.025	SLPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1538.1538.3.dta
GPSGXVSAQXLR 5991 1200	1	731.8536	1461.693	2	23.98	0.025	GPSGLVSAQYLYK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1378.1378.2.dta
GPSGXVSAQXLR 3900 0781	1	716.835	1431.656	2	23.52	0.025	GPSGFVSAQALR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1327.1327.2.dta
GPSGXVSAQXLR 8120 1625	1	697.8223	1393.63	2	27.15	0.026	GPSGVSDAQALR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.894.894.2.dta
GPSGXVSAQXLR 3581 718	1	461.5749	1381.703	3	20.88	0.029	GPSGFVSAQALR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1684.1684.3.dta
SXPFKXSLXFR 8031 1608	1	502.2599	1503.758	3	17.86	0.029	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1355.1355.3.dta
SXPFKXSLXFR 0531 108	1	506.9305	1517.77	3	17.49	0.029	SAPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1610.1610.3.dta
SXPFKXSLXFR 2510 503	1	524.9213	1571.742	3	24.77	0.03	SEPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1451.1451.3.dta
GPSGXVSAQXLR 6991 1400	1	718.826	1435.637	2	26.09	0.031	GPSGVSAQYLYK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1026.1026.2.dta
GPSGXVSAQXLR 2971 1596	1	708.8254	1415.636	2	25.51	0.032	GPSGEVSAQLTK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.980.980.2.dta
SXPFKXSLXFR 6531 1308	1	512.2618	1533.764	3	21.28	0.032	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1595.1595.3.dta
GPSGXVSAQXLR 6861 1374	1	648.8154	1295.616	2	22.43	0.033	GPSGVSAQLSK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.882.882.2.dta
GPSGXVSAQXLR 7961 1594	1	687.8127	1373.629	2	27.2	0.035	GPSVTSAQLSK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.890.890.2.dta
SXPFKXSLXFR 6811 1364	1	496.9004	1487.706	3	21.02	0.036	SVPFKVSLDFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1275.1275.3.dta
GPSGXVSAQXLR 5391 1080	1	723.8579	1445.701	2	21.29	0.037	GPSGLVSAQYLYK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1686.1686.2.dta
SXPFKXSLXFR 0391 80	1	523.5902	1567.749	3	18.56	0.037	SAPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1459.1459.3.dta
SXPFKXSLXFR 8810 01763	1	510.2574	1527.75	3	20.26	0.041	SVPFKVSLDFGR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1371.1371.3.dta
GPSGXVSAQXLR 0441 0170	1	604.7896	1207.565	2	13.79	0.042	GPSGAVSAQGLK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.738.738.2.dta
GPSGXVSAQXLR 0381 099	1	684.8381	1367.662	2	19.41	0.048	GPSGAVSAQLVR	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1403.1403.2.dta
SXPFKXSLXFR 4031 808	1	488.2422	1461.705	3	15.29	0.049	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1319.1319.3.dta
SXPFKXSLXFR 2921 1586	1	536.9159	1607.726	3	15.87	0.05	SEPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	AJC_synth_375.1221.1221.3.dta
SXPFKXSLXFR 9191 1840	1	545.584	1627.73	3	36.33	0.00023	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1001.1001.3.dta
SXPFKXSLXFR 7091 1420	1	508.2488	1521.725	3	34.16	0.0023	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1002.1002.3.dta
SXPFKXSLXFR 5421 1086	1	496.2489	1485.725	3	47.34	0.00013	SLPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1008.1008.3.dta
SXPFKXSLXFR 0991 200	1	528.9205	1583.74	3	66.42	9.20E-07	SAPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1009.1009.3.dta
SXPFKXSLXFR 7991 1600	1	538.9243	1613.751	3	58.01	1.70E-06	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1015.1015.3.dta
SXPFKXSLXFR 6991 1400	1	534.2524	1599.736	3	68.72	3.40E-07	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1023.1023.3.dta
SXPFKXSLXFR 2991 1600	1	548.2559	1641.746	3	55.04	3.10E-06	SEPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1024.1024.3.dta
SXPFKXSLXFR 7981 1598	1	517.5934	1549.759	3	43.54	0.00019	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1026.1026.3.dta
SXPFKXSLXFR 5291 1060	1	531.5966	1591.768	3	39.2	0.00014	SLPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1029.1029.3.dta
SXPFKXSLXFR 4031 808	1	488.2421	1461.705	3	62.02	1.00E-06	SEPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1032.1032.3.dta
SXPFKXSLXFR 6031 1208	1	498.245	1491.713	3	45.78	0.00017	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1034.1034.3.dta
SXPFKXSLXFR 2910 583	1	541.5792	1621.716	3	34.71	0.00011	SEPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1040.1040.3.dta
SXPFKXSLXFR 2990 599	1	557.5914	1669.753	3	50.8	8.70E-06	SEPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1041.1041.3.dta
SXPFKXSLXFR 5011 1004	1	743.8712	1485.728	2	28.73	0.0096	SLPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1050.1050.2.dta
SXPFKXSLXFR 2031 408	1	512.2476	1533.721	3	25.81	0.011	SEPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1055.1055.3.dta
SXPFKXSLXFR 4881 978	1	481.5864	1441.737	3	54.02	1.40E-05	SGPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1058.1058.3.dta
SXPFKXSLXFR 2810 563	1	520.2477	1557.721	3	46.71	0.00012	SEPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1064.1064.3.dta
SXPFKXSLXFR 9991 2000	1	559.5964	1675.767	3	59.34	1.20E-06	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1067.1067.3.dta
SXPFKXSLXFR 2890 579	1	536.2603	1605.759	3	48.73	6.40E-05	SEPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1068.1068.3.dta
SXPFKXSLXFR 8981 1798	1	516.9352	1547.784	3	26.06	0.0062	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1069.1069.3.dta
SXPFKXSLXFR 1991 400	1	543.5837	1627.729	3	51.35	7.30E-06	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1071.1071.3.dta
SXPFKXSLXFR 4541 910	1	472.2423	1413.705	3	50.75	3.50E-05	SGPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1076.1076.3.dta
SXPFKXSLXFR 6801 1362	1	482.2448	1443.713	3	42.56	0.00035	SVPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1080.1080.3.dta
SXPFKXSLXFR 6051 1212	1	729.8721	1457.73	2	22.89	0.03	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1081.1081.2.dta
SXPFKXSLXFR 4521 906	1	496.2498	1485.728	3	75.21	2.20E-07	SGPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1082.1082.3.dta
SXPFKXSLXFR 3691 740	1	528.9207	1583.74	3	32.43	0.0023	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1084.1084.3.dta
SXPFKXSLXFR 6521 1306	1	506.2531	1515.737	3	69.5	4.70E-07	SVPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1087.1087.3.dta
SXPFKXSLXFR 1990 399	1	552.9186	1655.734	3	17.13	0.036	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1090.1090.3.dta
SXPFKXSLXFR 1810 363	1	515.5755	1543.705	3	61.33	4.60E-06	SVPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1096.1096.3.dta
SXPFKXSLXFR 3631 728	1	523.589	1567.745	3	44.14	0.0001	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1103.1103.3.dta
SXPFKXSLXFR 7931 1588	1	533.5923	1597.755	3	56.11	4.90E-06	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1106.1106.3.dta
SXPFKXSLXFR 4591 920	1	507.5898	1519.748	3	64.39	1.90E-06	SGPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1111.1111.3.dta
SXPFKXSLXFR 4301 862	1	488.2422	1461.705	3	70.2	1.60E-07	SGPFKVSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1112.1112.3.dta
SXPFKXSLXFR 5991 1200	1	542.9374	1625.791	3	58.9	1.30E-06	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1113.1113.3.dta
SXPFKXSLXFR 6511 1304	1	501.5808	1501.721	3	56.76	9.20E-06	SVPFKLSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1114.1114.3.dta
SXPFKXSLXFR 4931 988	1	518.9174	1553.73	3	31.76	0.0026	SGPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1115.1115.3.dta
SXPFKXSLXFR 7591 1520	1	522.2649	1563.773	3	54.02	8.90E-06	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1120.1120.3.dta
SXPFKXSLXFR 4300 861	1	497.5773	1489.71	3	48.34	3.70E-05	SGPFKVSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1128.1128.3.dta
GPSGXVSAQXLR 3981 798	1	478.2339	1431.68	3	50.26	4.90E-05	GPSGFVSAQVLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1135.1135.3.dta
SXPFKXSLXFR 5910 1183	1	536.2596	1605.757	3	32.85	0.0026	SLPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1137.1137.3.dta
GPSGXVSAQXLR 5361 1074	1	457.5616	1369.663	3	28.07	0.0099	GPSGLVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1140.1140.3.dta
SXPFKXSLXFR 2590 519	1	540.9319	1619.774	3	42.73	0.00018	SEPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1143.1143.3.dta
SXPFKXSLXFR 5811 1164	1	757.8857	1513.757	2	25.38	0.016	SLPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1145.1145.2.dta
SXPFKXSLXFR 5891 1180	1	521.6054	1561.794	3	70.76	1.60E-07	SLPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1151.1151.3.dta
SXPFKXSLXFR 1500 301	1	505.5831	1513.728	3	41.59	0.0006	SVPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1152.1152.3.dta
SXPFKXSLXFR 9931 1398	1	554.2646	1659.772	3	40.42	0.00022	SVPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1153.1153.3.dta
SXPFKXSLXFR 8591 1720	1	781.9058	1561.797	2	19.09	0.02	SVPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1154.1154.2.dta
SXPFKXSLXFR 5810 1163	1	514.9287	1541.764	3	67.64	8.20E-07	SLPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1159.1159.3.dta
SXPFKXSLXFR 3131 628	1	532.9202	1595.739	3	22.52	0.0092	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1162.1162.3.dta
SXPFKXSLXFR 5881 1178	1	500.2734	1497.799	3	67.06	5.30E-07	SLPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1167.1167.3.dta
SXPFKXSLXFR 1510 303	1	520.2479	1557.722	3	58.68	7.70E-06	SVPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1175.1175.3.dta
SXPFKXSLXFR 2390 479	1	552.2595	1653.757	3	54.13	8.70E-06	SEPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1177.1177.3.dta
SXPFKXSLXFR 1300 261	1	516.9124	1547.715	3	54.86	1.20E-05	SVPFKVSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1183.1183.3.dta
SXPFKXSLXFR 3031 608	1	518.2578	1551.752	3	43.45	5.40E-05	SVPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1192.1192.3.dta
GPSGXVSAQXLR 9851 1972	1	466.9053	1397.694	3	63.48	2.20E-06	GPSGVSAQVLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1196.1196.3.dta
SXPFKXSLXFR 5500 1101	1	504.9366	1511.788	3	55.57	6.70E-06	SLPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1199.1199.3.dta
SXPFKXSLXFR 3810 763	1	526.2558	1575.746	3	34.32	0.0011	SVPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1200.1200.3.dta
SXPFKXSLXFR 3890 779	1	542.2668</								

SXPFKXSPLXFR	5 3 8 1	1078	1	516.2744	1545.801	3	20.56	0.018	SLPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1306.1306.3.dta
SXPFKXSPLXFR	5 3 3 1	1108	1	520.9454	1559.815	3	60.43	9.10E-07	SLPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1311.1311.3.dta
SXPFKXSPLXFR	5 3 3 1	1068	1	532.2732	1593.798	3	56.71	3.20E-06	SLPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1319.1319.3.dta
GPSGVXSQAQLXR	9 5 3 1	1908	1	482.905	1445.693	3	51.05	4.0E-05	GPSGVLSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1328.1328.3.dta
SXPFKXSPLXFR	3 5 3 1	1708	1	532.2743	1593.801	3	35.75	0.00044	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1367.1367.3.dta
GPSGVXSQAQLXR	6 9 3 0	1387	1	483.5583	1447.653	3	36.41	0.00014	GPSGVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1368.1368.3.dta
GPSGVXSQAQLXR	5 3 5 0	1071	1	475.5807	1423.72	3	30.98	0.00018	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1394.1394.3.dta
GPSGVXSQAQLXR	9 7 5 0	1951	1	476.9019	1427.684	3	38.5	0.00042	GPSGVSTAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1399.1399.3.dta
GPSGVXSQAQLXR	3 3 5 0	1671	1	486.9083	1457.703	3	24.02	0.00085	GPSGVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1404.1404.3.dta
GPSGVXSQAQLXR	7 9 3 0	1587	1	488.23	1461.668	3	25.88	0.014	GPSGVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1455.1455.3.dta
GPSGVXSQAQLXR	6 1 6 0	1233	1	670.7932	1339.572	2	72.17	1.30E-07	GPSGVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.720.720.2.dta
GPSGVXSQAQLXR	0 2 6 0	53	1	669.8053	1337.596	2	47.9	7.50E-05	GPSGVAESAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.744.744.2.dta
GPSGVXSQAQLXR	1 0 1 0	203	1	451.5323	1351.575	3	56.73	7.90E-06	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.746.746.3.dta
GPSGVXSQAQLXR	1 2 1 0	243	1	470.8673	1409.58	3	64.01	1.20E-06	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.749.749.3.dta
GPSGVXSQAQLXR	1 2 2 0	245	1	475.5399	1423.598	3	61.85	3.50E-06	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.751.751.3.dta
GPSGVXSQAQLXR	9 1 1 0	1823	1	482.2072	1443.6	3	30.61	0.00015	GPSGVSDAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.817.817.3.dta
GPSGVXSQAQLXR	1 2 8 0	257	1	465.5483	1393.623	3	30.88	0.00039	GPSGDVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.829.829.3.dta
GPSGVXSQAQLXR	1 2 9 0	259	1	486.8802	1457.619	3	33.17	0.00021	GPSGDVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.832.832.3.dta
SXPFKXSPLXFR	4 4 4 1	1820	1	453.5547	1357.642	3	52.95	2.50E-05	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.865.865.3.dta
SXPFKXSPLXFR	6 6 0 1	1392	1	478.2335	1431.679	3	51.63	3.60E-05	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.867.867.3.dta
SXPFKXSPLXFR	4 6 2 1	1926	1	487.5655	1459.675	3	67.66	9.30E-07	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.879.879.3.dta
SXPFKXSPLXFR	4 2 4 1	1486	1	501.5689	1501.685	3	69.25	6.50E-07	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.880.880.3.dta
SXPFKXSPLXFR	4 2 0 1	1842	1	482.2337	1443.679	3	65.33	1.70E-06	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.888.888.3.dta
SXPFKXSPLXFR	4 4 0 0	1881	1	467.5621	1399.665	3	63.39	4.10E-06	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.889.889.3.dta
SXPFKXSPLXFR	4 0 4 0	1810	1	686.8363	1371.658	2	20.31	0.035	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.893.893.2.dta
SXPFKXSPLXFR	0 6 9 1	1140	1	503.5771	1507.71	3	72.34	5.20E-07	SAPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.897.897.3.dta
SXPFKXSPLXFR	0 4 1 0	83	1	486.895	1457.663	3	22.02	0.038	SAPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.905.905.3.dta
SXPFKXSPLXFR	4 6 9 1	1940	1	498.9064	1493.697	3	55.5	2.50E-05	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.906.906.3.dta
SXPFKXSPLXFR	2 6 9 1	1540	1	522.9119	1565.714	3	51.64	1.70E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.911.911.3.dta
SXPFKXSPLXFR	2 2 0 0	441	1	515.5754	1543.705	3	46.93	0.00013	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.912.912.3.dta
SXPFKXSPLXFR	2 4 9 1	1500	1	512.9084	1535.704	3	37.43	0.00015	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.916.916.3.dta
SXPFKXSPLXFR	2 0 0 0	401	1	496.2407	1485.7	3	59.65	5.60E-06	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.927.927.3.dta
SXPFKXSPLXFR	4 6 9 0	1939	1	508.2392	1521.696	3	34.68	0.00032	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.928.928.3.dta
SXPFKXSPLXFR	2 2 9 1	1460	1	536.9156	1607.725	3	55.76	5.20E-06	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.929.929.3.dta
SXPFKXSPLXFR	0 0 9 1	120	1	498.2455	1491.715	3	65.59	1.80E-06	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.935.935.3.dta
SXPFKXSPLXFR	2 2 1 0	443	1	530.239	1587.695	3	50.98	2.00E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.938.938.3.dta
SXPFKXSPLXFR	4 2 9 0	859	1	522.2438	1563.71	3	54.07	2.30E-05	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.944.944.3.dta
SXPFKXSPLXFR	6 0 9 1	1220	1	754.8616	1507.709	2	26.04	0.022	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.945.945.2.dta
SXPFKXSPLXFR	2 0 9 1	1420	1	517.5825	1549.726	3	36.73	0.00017	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.951.951.3.dta
SXPFKXSPLXFR	2 7 9 1	1560	1	527.5838	1579.73	3	47.91	1.90E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.952.952.3.dta
SXPFKXSPLXFR	2 0 1 0	403	1	510.9039	1529.69	3	58.03	1.30E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.960.960.3.dta
SXPFKXSPLXFR	4 7 1 0	1943	1	496.8991	1487.675	3	35.27	0.00024	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.961.961.3.dta
SXPFKXSPLXFR	2 0 9 0	419	1	526.9156	1577.725	3	49.3	7.60E-05	SEPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.969.969.3.dta
SXPFKXSPLXFR	6 9 0 1	1382	1	503.5775	1507.711	3	60.48	8.00E-06	SEPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.984.984.3.dta
SXPFKXSPLXFR	4 9 2 1	1986	1	512.9089	1535.705	3	45.82	0.00021	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.991.991.3.dta
SXPFKXSPLXFR	8 0 1 0	1603	1	500.9127	1499.716	3	49.39	7.40E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.993.993.3.dta
SXPFKXSPLXFR	6 9 2 1	1386	1	522.9122	1565.715	3	33.97	0.0001	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.994.994.3.dta
SXPFKXSPLXFR	4 8 0 1	1962	1	472.2424	1413.706	3	83.96	1.70E-08	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.996.996.3.dta
SXPFKXSPLXFR	5 1 0 1	1022	1	496.2498	1485.728	3	58.4	1.00E-05	SLPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1002.1002.3.dta
SXPFKXSPLXFR	2 9 2 1	1586	1	536.9156	1607.725	3	46.73	4.10E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1004.1004.3.dta
SXPFKXSPLXFR	4 0 5 1	1812	1	476.9152	1427.724	3	44.62	8.30E-05	SGPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1009.1009.3.dta
SXPFKXSPLXFR	1 0 1 0	203	1	506.2318	1515.674	3	52.31	4.20E-05	SDPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1010.1010.3.dta
SXPFKXSPLXFR	4 5 1 1	1904	1	736.8616	1471.709	2	22.72	0.036	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1011.1011.2.dta
SXPFKXSPLXFR	6 8 2 1	1366	1	501.5807	1501.72	3	30.79	0.00036	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1018.1018.3.dta
SXPFKXSPLXFR	4 2 9 0	859	1	522.2436	1563.709	3	36.75	0.00012	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1019.1019.3.dta
SXPFKXSPLXFR	0 9 9 1	1200	1	792.8779	1583.741	2	21.25	0.03	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1020.1020.2.dta
SXPFKXSPLXFR	0 5 0 1	102	1	721.8755	1441.736	2	24.48	0.012	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1021.1021.2.dta
GPSGVXSQAQLXR	9 6 5 1	1932	1	462.8932	1385.658	3	34.96	0.00036	GPSGVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1022.1022.3.dta
SXPFKXSPLXFR	5 4 0 1	1083	1	500.9117	1499.713	3	36.61	0.00017	SLPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1025.1025.3.dta
SXPFKXSPLXFR	5 2 9 1	1060	1	531.5971	1591.77	3	54.57	4.70E-06	SLPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1028.1028.3.dta
SXPFKXSPLXFR	7 9 9 1	1600	1	807.8821	1613.75	2	34.32	0.00037	STPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1029.1029.2.dta
SXPFKXSPLXFR	0 1 8 1	38	1	491.5778	1471.712	3	35.76	0.00018	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1033.1033.3.dta
SXPFKXSPLXFR	2 8 0 0	561	1	505.5841	1513.731	3	53	4.20E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1034.1034.3.dta
SXPFKXSPLXFR	2 9 8 1	1598	1	526.925	1577.753	3	39.07	0.00037	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1035.1035.3.dta
SXPFKXSPLXFR	6 9 9 1	1400	1	534.2526	1599.736	3	35.17	0.00078	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1036.1036.3.dta
GPSGVXSQAQLXR	9 9 8 1	1998	1	483.566	1447.676	3	35.62	0.0003	GPSGVSYAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1038.1038.3.dta
SXPFKXSPLXFR	4 8 9 1	1980	1	502.9182	1505.733	3	52.99	2.80E-05	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1041.1041.3.dta
SXPFKXSPLXFR	0 8 9 1	1180	1	507.5904	1519.749	3	54.75	1.70E-05	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1042.1042.3.dta
SXPFKXSPLXFR	4 9 9 0	999	1	533.5845	1597.732	3	41.77	0.00013	SGPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1043.1043.3.dta
SXPFKXSPLXFR	4 0 3 1	1808	1	488.2424	1461.705	3	64.67	5.60E-07	SGPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1044.1044.3.dta
SXPFKXSPLXFR	6 8 1 1	1364	1	496.9091	1487.706	3	48.61	5.80E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1045.1045.3.dta
SXPFKXSPLXFR	8 4 8 0	1697	1	490.9207	1469.74	3	34.79	0.0001	SVPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1046.1046.3.dta
SXPFKXSPLXFR	5 0 2 0	1005	1	510.2564	1527.747	3	48.47	8.70E-05	SLPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1047.1047.3.dta
SXPFKXSPLXFR	2 9 9 0	1599	1	557.5914	1669.752	3	47.24	2.00E-05	SEPFKSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1

SXPFKXSPLXFGFR 1 8 1 0 363	1	515.5755	1543.705	3	54.85	2.10E-05	SDPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1107.1107.3.dta
SXPFKXSPLXFGFR 3 6 3 1 728	1	784.8804	1567.746	2	23.96	0.011	SFPFKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1109.1109.2.dta
SXPFKXSPLXFGFR 8 9 8 0 1797	1	526.2687	1575.784	3	43.3	7.00E-05	SVPFKSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1111.1111.3.dta
SXPFKXSPLXFGFR 2 5 0 0 501	1	510.2567	1527.748	3	50.98	3.40E-05	SFPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1114.1114.4.dta
SXPFKXSPLXFGFR 4 9 3 1 988	1	518.9178	1553.732	3	53.51	2.00E-05	SGPFKSPPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1115.1115.3.dta
SXPFKXSPLXFGFR 5 9 2 0 1185	1	540.9321	1619.774	3	24.69	0.01	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1117.1117.3.dta
GPSGVXSQAQLXR 5 2 5 0 1051	1	469.573	1405.697	3	26.94	0.015	GPSGLVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1118.1118.3.dta
SXPFKXSPLXFGFR 8 5 0 0 1702	1	490.9303	1469.769	3	67.12	7.00E-07	SVPFKSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1121.1121.3.dta
SXPFKXSPLXFGFR 6 5 9 1 1320	1	517.5937	1549.759	3	50.95	3.40E-05	SSPFKLSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1123.1123.3.dta
SXPFKXSPLXFGFR 4 5 9 1 920	1	507.5906	1519.75	3	59.38	5.00E-06	SGPFKLSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1124.1124.3.dta
SXPFKXSPLXFGFR 5 9 1 1 1184	1	526.9251	1577.754	3	40.31	0.00028	SLPFKYSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1125.1125.3.dta
SXPFKXSPLXFGFR 9 9 5 1 1992	1	813.9053	1625.796	2	18.06	0.016	SYPFKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1127.1127.2.dta
SXPFKXSPLXFGFR 5 9 9 0 1199	1	552.2722	1653.795	3	58.94	1.30E-06	SLPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1132.1132.3.dta
GPSGVXSQAQLXR 9 0 3 0 1807	1	478.2258	1431.656	3	22.58	0.029	GPSGVSSAAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1135.1135.3.dta
SXPFKXSPLXFGFR 5 8 0 0 1161	1	500.2656	1497.775	3	59.25	1.60E-06	SLPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1137.1137.3.dta
SXPFKXSPLXFGFR 4 3 2 0 865	1	516.9106	1547.71	3	41.48	0.00031	SGPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1138.1138.3.dta
SXPFKXSPLXFGFR 9 9 3 1 1988	1	554.2652	1659.774	3	44.01	0.00013	SYPFKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1161.1161.3.dta
SXPFKXSPLXFGFR 8 2 3 1 1648	1	521.5915	1561.753	3	40.92	0.00028	SVPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1162.1162.3.dta
SXPFKXSPLXFGFR 4 3 9 0 879	1	528.2532	1581.738	3	48.55	1.40E-05	SGPFKFSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1163.1163.3.dta
SXPFKXSPLXFGFR 4 3 8 1 878	1	497.5869	1489.739	3	64.76	5.00E-07	SGPFKFSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1164.1164.3.dta
SXPFKXSPLXFGFR 5 8 1 0 1163	1	514.9289	1541.765	3	68.46	6.80E-07	SLPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1165.1165.3.dta
GPSGVXSQAQLXR 5 8 8 1 1178	1	445.575	1333.703	3	68.35	5.90E-07	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1166.1166.3.dta
SXPFKXSPLXFGFR 4 3 1 0 863	1	512.2413	1533.702	3	34.92	0.00058	SGPFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1169.1169.3.dta
SXPFKXSPLXFGFR 5 8 9 0 1179	1	530.9415	1589.803	3	56.84	2.50E-06	SLPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1170.1170.3.dta
GPSGVXSQAQLXR 5 0 5 0 1011	1	450.2372	1347.69	3	44.89	3.20E-05	GPSGLVSSAAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1171.1171.3.dta
SXPFKXSPLXFGFR 4 3 1 1 864	1	502.9061	1505.697	3	32.23	0.0025	SGPFKFSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1172.1172.3.dta
SXPFKXSPLXFGFR 1 8 5 1 372	1	505.5947	1513.762	3	50.51	5.30E-05	SDPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1177.1177.3.dta
SXPFKXSPLXFGFR 2 3 1 0 463	1	536.2468	1605.719	3	55.23	7.60E-06	SFPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1178.1178.3.dta
SXPFKXSPLXFGFR 3 9 0 0 799	1	563.5999	1687.778	3	35.65	0.00045	SFPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1179.1179.3.dta
GPSGVXSQAQLXR 3 0 5 0 611	1	461.5658	1381.676	3	46.86	3.10E-05	GPSGFVSSAAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1182.1182.3.dta
SXPFKXSPLXFGFR 1 5 1 0 303	1	520.2483	1557.723	3	45.28	0.00017	SDPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1186.1186.3.dta
SXPFKXSPLXFGFR 3 8 9 1 780	1	798.8987	1595.783	2	22.93	0.0076	SFPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1188.1188.2.dta
SXPFKXSPLXFGFR 5 5 0 1 1102	1	495.6023	1483.785	3	49.02	3.00E-05	SLPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1193.1193.3.dta
SXPFKXSPLXFGFR 4 5 5 1 912	1	490.9303	1469.769	3	48.33	5.30E-05	SGPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1194.1194.3.dta
SXPFKXSPLXFGFR 6 5 5 1 1312	1	500.9332	1499.778	3	57.1	5.30E-06	SSPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1197.1197.3.dta
SXPFKXSPLXFGFR 8 3 1 0 1663	1	526.2559	1575.746	3	49.28	3.50E-05	SVPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1201.1201.3.dta
SXPFKXSPLXFGFR 1 3 1 1 264	1	522.2412	1563.702	3	51.62	2.20E-05	SDPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1203.1203.3.dta
SXPFKXSPLXFGFR 3 8 9 0 779	1	542.2678	1623.782	3	50.24	9.50E-06	SFPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1204.1204.3.dta
SXPFKXSPLXFGFR 5 9 3 1 1188	1	805.9043	1609.794	2	17.01	0.024	SLPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1205.1205.2.dta
GPSGVXSQAQLXR 9 8 5 0 1971	1	476.2414	1425.702	3	76.61	4.60E-08	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1207.1207.3.dta
SXPFKXSPLXFGFR 5 5 0 0 1101	1	504.9375	1511.791	3	61.05	7.90E-07	SLPFKLSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1209.1209.3.dta
SXPFKXSPLXFGFR 1 3 8 1 278	1	516.9219	1547.744	3	35.6	0.00098	SDPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1210.1210.3.dta
SXPFKXSPLXFGFR 9 3 1 0 1863	1	547.5875	1639.741	3	49.88	2.30E-05	SYPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1211.1211.3.dta
GPSGVXSQAQLXR 8 2 5 0 1651	1	464.9007	1391.68	3	58.89	5.60E-06	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1215.1215.3.dta
SXPFKXSPLXFGFR 5 5 1 1 1104	1	510.2652	1527.774	3	64.69	1.50E-06	SLPFKLSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1219.1219.3.dta
SXPFKXSPLXFGFR 5 5 2 0 1105	1	524.2723	1569.795	3	52.39	1.60E-05	SLPFKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1220.1220.3.dta
SXPFKXSPLXFGFR 3 9 5 1 792	1	537.6053	1609.794	3	43.09	5.90E-05	SFPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1221.1221.3.dta
SXPFKXSPLXFGFR 1 3 1 0 263	1	531.576	1591.706	3	51.53	2.10E-05	SDPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1222.1222.3.dta
GPSGVXSQAQLXR 0 5 5 1 1112	1	440.9021	1319.684	3	79.8	3.40E-08	GPSGAVSQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1226.1226.3.dta
SXPFKXSPLXFGFR 5 5 1 0 1103	1	519.601	1555.781	3	53.76	1.50E-05	SLPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1233.1233.3.dta
SXPFKXSPLXFGFR 5 3 0 0 1061	1	516.2657	1545.775	3	51.67	6.80E-06	SLPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1234.1234.3.dta
GPSGVXSQAQLXR 5 9 5 1 1192	1	471.5777	1411.711	3	61.83	2.70E-06	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1235.1235.3.dta
SXPFKXSPLXFGFR 5 3 2 0 1065	1	535.5999	1603.778	3	48.01	4.90E-05	SLPFKYSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1236.1236.3.dta
SXPFKXSPLXFGFR 6 3 3 1 1268	1	523.5897	1567.747	3	59.35	3.40E-06	SSPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1241.1241.3.dta
GPSGVXSQAQLXR 3 5 9 1 720	1	482.9057	1445.695	3	32.85	0.0025	GPSGFVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1242.1242.3.dta
SXPFKXSPLXFGFR 3 9 3 1 788	1	548.933	1643.777	3	35.42	0.0012	SFPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1243.1243.3.dta
SXPFKXSPLXFGFR 5 9 5 0 1191	1	802.9172	1603.82	2	15.41	0.029	SLPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1244.1244.2.dta
SXPFKXSPLXFGFR 5 3 1 1 1064	1	521.5938	1561.759	3	52.81	2.10E-05	SLPFKFSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1249.1249.3.dta
GPSGVXSQAQLXR 5 9 5 0 1191	1	480.9132	1439.718	3	71.25	1.60E-07	GPSGLVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1250.1250.3.dta
GPSGVXSQAQLXR 8 2 3 1 1648	1	466.8938	1397.66	3	27.8	0.01	GPSGVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1255.1255.3.dta
GPSGVXSQAQLXR 3 9 5 0 791	1	492.2412	1473.702	3	48.68	5.90E-05	GPSGFVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1257.1257.3.dta
SXPFKXSPLXFGFR 5 3 9 0 1079	1	546.9419	1637.804	3	49.54	1.50E-05	SLPFKFSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1258.1258.3.dta
GPSGVXSQAQLXR 9 8 3 0 1967	1	487.5687	1459.684	3	48.08	6.30E-05	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1262.1262.3.dta
SXPFKXSPLXFGFR 5 3 1 0 1063	1	530.9288	1589.765	3	54.3	1.30E-05	SLPFKFSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1265.1265.3.dta
SXPFKXSPLXFGFR 5 3 2 1 1066	1	526.2628	1575.766	3	33.89	0.00076	SLPFKFSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1273.1273.3.dta
SXPFKXSPLXFGFR 5 5 8 1 1118	1	504.947	1511.819	3	38.04	0.00024	SLPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1275.1275.3.dta
GPSGVXSQAQLXR 5 3 8 1 1078	1	461.5748	1381.703	3	55.81	9.40E-06	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1277.1277.3.dta
SXPFKXSPLXFGFR 3 8 3 1 768	1	527.603	1579.787	3	49.24	1.30E-05	SFPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1281.1281.3.dta
GPSGVXSQAQLXR 5 5 8 1 1118	1	450.2463	1347.717	3	70.08	2.90E-07	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1282.1282.3.dta
SXPFKXSPLXFGFR 1 3 3 1 268	1	532.9215	1595.743	3	42.81	8.60E-05	SDPFKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1289.1289.3.dta
SXPFKXSPLXFGFR 3 9 0 0 679	1	558.2689	1671.785	3	24.52	0.0069	SFPFKYSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1290.1290.3.dta
SXPFKXSPLXFGFR 1 5 5 1 312	1	510.2659	1527.776	3	50.51	3.70E-05	SDPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1293.1293.3.dta
SXPFKXSPLXFGFR 0 5 3 1 108	1	506.9305	1517.77	3	16.1	0.041	SAPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1295.1295.3.dta
GPSGVXSQAQLXR 5 8 5 0 1171	1	459.5816	1375.723	3	56.05	5.60E-06	GPSGLVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1297.1297.3.dta
GPSGVXSQAQLXR 9 6 5 0 1931	1	472.2305	1413.67	3	49.16	4.90E-05	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1298.1298.3.dta
SXPFKXSPLXFGFR 5 5 5 1 1112	1	763.923	1525.831	2	16.41	0.023	SLPFKLSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1305.1305.2.dta
GPSGVXSQAQLXR 3 8 8 0 717	1	470.91	1409.708	3	72.5	6.70E-08	GPSGFVSSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1307.130

GPSGVSAQXLR 6 2 1 1 1244	1	452.2009	1353.581	3	34.57	0.0012	GPSGVSAQXLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.735.735.3.dta
GPSGVSAQXLR 0 1 6 0 33	1	662.7977	1323.581	2	60.64	3.40E-06	GPSGAVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.737.737.2.dta
GPSGVSAQXLR 1 6 0 0 321	1	442.2013	1323.582	3	45.83	0.00011	GPSGDVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.738.738.3.dta
GPSGVSAQXLR 1 2 6 0 253	1	461.5357	1381.585	3	55.07	1.30E-05	GPSGDVSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.739.739.3.dta
GPSGVSAQXLR 7 2 4 0 1449	1	446.8724	1337.595	3	32.23	0.0028	GPSGTVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.743.743.3.dta
GPSGVSAQXLR 1 1 0 0 221	1	451.5324	1351.575	3	47.51	6.60E-05	GPSGDVSDAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.745.745.3.dta
GPSGVSAQXLR 1 2 1 0 243	1	470.867	1409.579	3	47.87	3.80E-05	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.746.746.3.dta
GPSGVSAQXLR 4 7 7 0 955	1	437.5401	1309.599	3	38.28	0.0002	GPSGGVSTAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.748.748.2.dta
GPSGVSAQXLR 0 1 7 0 35	1	669.8047	1337.595	2	81.53	2.00E-08	GPSGAVSDAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.753.753.2.dta
GPSGVSAQXLR 1 2 2 0 245	1	475.5395	1423.597	3	54.22	2.00E-05	GPSGDVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.754.754.3.dta
GPSGVSAQXLR 1 0 4 0 209	1	432.1972	1293.57	3	48.3	0.00018	GPSGDVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.761.761.3.dta
GPSGVSAQXLR 2 2 2 0 445	1	480.2109	1437.611	3	64.59	2.00E-06	GPSGEVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.764.764.3.dta
GPSGVSAQXLR 0 1 0 0 21	1	436.8693	1307.586	3	55.8	1.40E-05	GPSGAVSDAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.769.769.3.dta
GPSGVSAQXLR 0 2 1 0 43	1	456.2043	1365.591	3	42.95	0.0003	GPSGAVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.770.770.3.dta
GPSGVSAQXLR 9 4 2 1 1886	1	458.2091	1371.606	3	38.14	0.0011	GPSGVSAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.787.787.3.dta
GPSGVSAQXLR 0 2 0 0 41	1	441.541	1321.601	3	36.56	0.00057	GPSGAVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.793.793.3.dta
GPSGVSAQXLR 9 6 1 0 1923	1	472.8757	1415.605	3	60.63	5.30E-06	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.801.801.3.dta
GPSGVSAQXLR 9 4 1 0 1883	1	462.8727	1385.596	3	34.35	0.0018	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.803.803.3.dta
GPSGVSAQXLR 9 4 0 0 1881	1	448.2094	1341.606	3	64.04	1.70E-06	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.806.806.3.dta
GPSGVSAQXLR 1 1 8 0 237	1	460.8764	1379.608	3	41.08	0.00036	GPSGDVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.809.809.3.dta
GPSGVSAQXLR 9 2 4 0 1849	1	467.5445	1399.612	3	30.66	0.0051	GPSGVSSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.810.810.3.dta
GPSGVSAQXLR 2 7 0 0 541	1	451.5437	1351.609	3	39.2	0.0029	GPSGEVSTAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.815.815.3.dta
GPSGVSAQXLR 9 1 1 0 1823	1	482.2078	1443.602	3	30.54	0.0031	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.817.817.3.dta
GPSGVSAQXLR 2 1 9 0 439	1	486.8798	1457.618	3	41.37	0.00032	GPSGEVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.818.818.3.dta
GPSGVSAQXLR 1 8 6 1 374	1	442.2099	1323.608	3	49.93	3.40E-05	GPSGDVSSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.820.820.3.dta
GPSGVSAQXLR 9 0 6 1 1814	1	448.8778	1343.612	3	29.44	0.015	GPSGVSSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.827.827.3.dta
GPSGVSAQXLR 8 2 1 0 1643	1	465.5485	1393.624	3	55.71	1.30E-05	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.835.835.3.dta
GPSGVSAQXLR 2 2 8 0 457	1	470.2202	1407.639	3	54.45	2.30E-05	GPSGEVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.836.836.3.dta
GPSGVSAQXLR 2 2 9 0 459	1	491.5511	1471.632	3	46.16	0.00012	GPSGEVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.838.838.3.dta
GPSGVSAQXLR 6 8 2 1 1366	1	446.8809	1337.621	3	43.6	0.00017	GPSGVSSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.839.839.3.dta
GPSGVSAQXLR 9 2 0 0 1841	1	472.2164	1413.627	3	78.03	1.00E-07	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.850.850.3.dta
GPSGVSAQXLR 9 0 0 1 1802	1	443.5461	1327.616	3	43.01	0.00029	GPSGVSSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.853.853.3.dta
GPSGVSAQXLR 9 0 7 1 1816	1	453.5504	1357.629	3	45.68	0.0004	GPSGVSSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.855.855.3.dta
SXPFKXSLFGR 4 6 4 1 930	1	463.5581	1387.653	3	40.73	0.00064	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.858.858.3.dta
GPSGVSAQXLR 0 1 8 0 37	1	446.2132	1335.618	3	47.11	7.30E-05	GPSGAVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.859.859.3.dta
SXPFKXSLFGR 0 6 0 1 122	1	708.8492	1415.684	2	24.05	0.032	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.860.860.2.dta
SXPFKXSLFGR 6 4 4 1 1290	1	694.8334	1387.652	2	26.35	0.018	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.866.866.2.dta
SXPFKXSLFGR 4 6 0 1 922	1	701.8423	1401.67	2	30.31	0.0087	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.870.870.2.dta
SXPFKXSLFGR 6 6 0 1 1322	1	478.233	1431.677	3	53.71	2.20E-05	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.873.873.3.dta
SXPFKXSLFGR 2 6 0 1 522	1	492.2368	1473.689	3	58.28	9.60E-06	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.874.874.3.dta
SXPFKXSLFGR 4 4 0 1 882	1	458.2262	1371.657	3	79.65	4.10E-08	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.875.875.3.dta
SXPFKXSLFGR 4 6 6 1 934	1	473.5604	1417.659	3	50	0.0001	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.876.876.3.dta
SXPFKXSLFGR 7 1 0 1 1422	1	737.851	1473.688	2	21.08	0.05	STPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.877.877.2.dta
SXPFKXSLFGR 4 6 2 1 926	1	487.5647	1459.672	3	64.9	1.70E-06	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.878.878.3.dta
SXPFKXSLFGR 0 1 0 1 122	1	482.2352	1443.684	3	35.06	0.0016	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.882.882.3.dta
SXPFKXSLFGR 2 4 2 1 486	1	501.5685	1501.684	3	56.97	1.30E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.883.883.3.dta
SXPFKXSLFGR 4 4 2 1 886	1	715.8385	1429.663	2	25.51	0.018	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.884.884.2.dta
GPSGVSAQXLR 0 6 5 0 131	1	441.5528	1331.637	3	61.77	3.00E-06	GPSGAVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.886.886.3.dta
SXPFKXSLFGR 4 4 0 0 881	1	467.5617	1329.663	3	58.07	1.40E-05	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.889.889.3.dta
SXPFKXSLFGR 2 4 7 1 496	1	492.2366	1473.688	3	28.91	0.0083	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.890.890.3.dta
SXPFKXSLFGR 4 0 4 1 810	1	686.8354	1371.656	2	20.6	0.033	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.892.892.2.dta
SXPFKXSLFGR 4 0 0 1 802	1	462.8992	1385.676	3	73.51	2.00E-07	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.897.897.3.dta
SXPFKXSLFGR 4 6 2 0 925	1	496.8995	1487.677	3	49.03	0.0001	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.898.898.3.dta
SXPFKXSLFGR 0 4 2 0 85	1	491.5684	1471.683	3	50.12	5.10E-05	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.899.899.3.dta
SXPFKXSLFGR 2 4 2 0 485	1	510.9037	1529.689	3	58.44	1.20E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.900.900.3.dta
SXPFKXSLFGR 4 6 1 1 924	1	482.8918	1445.654	3	43.58	0.00053	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.905.905.3.dta
SXPFKXSLFGR 0 6 9 1 140	1	503.5764	1507.707	3	60.23	1.10E-05	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.906.906.3.dta
SXPFKXSLFGR 7 6 9 1 1540	1	513.5798	1537.718	3	28.71	0.003	STPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.909.909.3.dta
SXPFKXSLFGR 2 6 9 1 540	1	522.9119	1565.714	3	45.85	6.50E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.914.914.3.dta
SXPFKXSLFGR 6 6 9 1 1340	1	508.9085	1523.704	3	48.49	8.10E-05	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.915.915.3.dta
SXPFKXSLFGR 2 2 0 0 441	1	515.5753	1543.704	3	56.84	1.30E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.916.916.3.dta
SXPFKXSLFGR 4 0 0 0 801	1	472.2337	1413.679	3	53.32	3.40E-05	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.921.921.3.dta
SXPFKXSLFGR 0 0 0 0 1	1	476.9055	1427.695	3	48.78	8.50E-05	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.922.922.3.dta
SXPFKXSLFGR 0 1 9 1 40	1	512.9083	1535.703	3	34.81	0.0027	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.923.923.3.dta
SXPFKXSLFGR 6 2 2 0 1245	1	520.9066	1559.698	3	37.45	0.00065	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.924.924.3.dta
SXPFKXSLFGR 0 2 9 1 60	1	517.5801	1549.718	3	54.12	2.30E-05	SAPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.925.925.3.dta
SXPFKXSLFGR 2 2 2 0 445	1	534.9099	1601.708	3	28.5	0.0028	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.927.927.3.dta
SXPFKXSLFGR 2 0 0 0 401	1	496.2405	1485.7	3	55.78	1.40E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.929.929.3.dta
SXPFKXSLFGR 4 6 9 0 939	1	508.2398	1521.698	3	49.08	0.00013	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.930.930.3.dta
SXPFKXSLFGR 2 2 9 1 460	1	536.9152	1607.724	3	49.39	2.20E-05	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.931.931.3.dta
GPSGVSAQXLR 5 2 0 0 1041	1	455.557	1363.649	3	28.25	0.0043	GPSGVSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.935.935.3.dta
SXPFKXSLFGR 6 1 0 1 1222	1	487.5646	1459.672	3	41.03	0.00043	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.937.937.3.dta
SXPFKXSLFGR 4 1 1 1 824	1	492.2236	1473.649	3	50.75	5.80E-05	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.938.938.3.dta
GPSGVSAQXLR 0 5 1 0 103	1	450.8848	1349.633	3	50.29	3.70E-05	GPSGAVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.940.940.3.dta
SXPFKXSLFGR 4 0 9 1 820	1	493.5737	1477.699	3	71.04	8.50E-07	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.945.945.3.dta
SXPFKXSLFGR 4 2 8 0 857	1	500.9123	1499.715	3	39.58	0.00081	SGPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.947.947.3.dta
SXPFKXSLFGR 6 2 1 0 1243	1	516.2346	1545.682	3	31.39	0.0026	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.948.948.3.dta
SXPFKXSLFGR 2 2 1 0 443	1	530.2386	1587.694	3	58.62	3.50E-06	SEPFKXSLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.949.949.3.dta
SXPFKXSLFGR 2 2 9 0 459	1	546.2506	1635.73	3	76.82	5.30E-08	SEPFKXSLFGR</			