

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
GPSGVVSAQQLXR 3 3 3 1668	1	488.9023	1463.685	3	23.09	0.04	GPSGVVSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1449.1449.3.dta
GPSGVVSAQQLXR 6 4 6 1294	1	627.7894	1253.564	2	21.42	0.04	GPSGVVSAQQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.714.714.2.dta
SXPFKXSLXFLGR 7 6 9 1540	1	769.8677	1537.721	2	20.08	0.04	STPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.971.971.2.dta
GPSGVVSAQQLXR 0 3 3 168	1	694.8339	1387.653	2	22.81	0.04	GPSGVVSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1461.1461.2.dta
GPSGVVSAQQLXR 5 6 6 1194	1	693.8377	1385.661	2	24.54	0.04	GPSGVVSAQQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1017.1017.2.dta
SXPFKXSLXFLGR 3 3 0 1662	1	518.2584	1551.753	3	14.35	0.039	SFPFKXSLPLAFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1677.1677.3.dta
GPSGVVSAQQLXR 5 6 0 1121	1	661.8246	1321.635	2	20.7	0.039	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1123.1123.2.dta
GPSGVVSAQQLXR 9 5 4 1909	1	462.2253	1383.654	3	21.17	0.039	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1255.1255.3.dta
SXPFKXSLXFLGR 4 0 9 0 819	1	753.858	1505.701	2	22.45	0.038	SFPFKXSLYFLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1367.1367.2.dta
SXPFKXSLXFLGR 6 0 0 1202	1	708.8532	1415.692	2	22.96	0.038	SFPFKXSLPLAFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1143.1143.2.dta
SXPFKXSLXFLGR 5 3 9 11080	1	537.6053	1609.794	3	15.02	0.038	SLPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1322.1322.3.dta
SXPFKXSLXFLGR 1 3 9 0 279	1	820.879	1639.743	2	17.78	0.038	SFPFKXSLYFLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1369.1369.2.dta
SXPFKXSLXFLGR 0 4 1 0 83	1	486.895	1457.663	3	22.02	0.038	SAPFKXSLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.905.905.3.dta
SXPFKXSLXFLGR 5 9 3 0 1187	1	819.911	1637.808	2	15.48	0.038	SLPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1735.1735.2.dta
GPSGVVSAQQLXR 3 9 4 1 790	1	695.8238	1389.633	2	21.94	0.038	GPSGVVSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1243.1243.2.dta
SXPFKXSLXFLGR 3 9 3 1 788	1	548.9324	1643.776	3	20.5	0.037	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1629.1629.3.dta
GPSGVVSAQQLXR 2 8 0 1657	1	460.2299	1377.668	3	19.87	0.037	GPSGVVSAQQLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1182.1182.3.dta
SXPFKXSLXFLGR 9 5 0 11902	1	767.8912	1533.768	2	19.99	0.037	SYPFKXSLPLAFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1583.1583.2.dta
GPSGVVSAQQLXR 6 3 9 11280	1	710.8272	1419.64	2	15.59	0.037	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1182.1182.2.dta
GPSGVVSAQQLXR 9 6 9 1 1940	1	718.8271	1435.64	2	25.73	0.037	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.900.900.2.dta
SXPFKXSLXFLGR 4 3 3 0 867	1	783.8779	1565.741	2	14.33	0.037	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1316.1316.2.dta
SXPFKXSLXFLGR 9 3 4 1 1870	1	777.8743	1553.734	2	19.87	0.037	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1305.1305.2.dta
SXPFKXSLXFLGR 1 9 9 0 399	1	552.9186	1655.734	3	17.13	0.036	SFPFKXSLYFLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1090.1090.3.dta
SXPFKXSLXFLGR 3 9 8 1 798	1	532.9344	1595.781	3	16.21	0.036	SFPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1248.1248.3.dta
SXPFKXSLXFLGR 4 5 1 1 904	1	736.8616	1471.709	2	22.72	0.036	SFPFKXSLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1011.1011.2.dta
GPSGVVSAQQLXR 6 8 9 1 380	1	686.8296	1371.645	2	24.68	0.036	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.951.951.2.dta
SXPFKXSLXFLGR 5 3 3 0 1067	1	811.9108	1621.807	2	15.28	0.036	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1513.1513.2.dta
SXPFKXSLXFLGR 0 9 3 1 188	1	523.5904	1567.749	3	18.82	0.035	SAPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1189.1189.3.dta
SXPFKXSLXFLGR 4 0 4 1 810	1	686.8363	1371.658	2	20.31	0.035	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.893.893.2.dta
SXPFKXSLXFLGR 2 9 5 1 592	1	796.8946	1591.775	2	19.2	0.035	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1496.1496.2.dta
SXPFKXSLXFLGR 8 0 4 1 1610	1	707.8601	1413.706	2	20.75	0.035	SVPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1005.1005.2.dta
GPSGVVSAQQLXR 8 2 6 0 1653	1	683.8232	1365.632	2	21.35	0.035	GPSGVVSAQQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.945.945.2.dta
GPSGVVSAQQLXR 9 5 9 0 1919	1	745.8564	1489.698	2	19.33	0.035	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1234.1234.2.dta
GPSGVVSAQQLXR 6 0 0 0 1201	1	640.802	1279.59	2	21.8	0.035	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.803.803.2.dta
SXPFKXSLXFLGR 7 6 4 1 1530	1	716.8486	1431.683	2	21.82	0.035	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1039.1039.2.dta
SXPFKXSLXFLGR 9 8 3 1 1968	1	798.8982	1595.782	2	16.35	0.035	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1336.1336.2.dta
SXPFKXSLXFLGR 3 5 4 0 709	1	766.8874	1531.76	2	17.09	0.035	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1410.1410.2.dta
SXPFKXSLXFLGR 6 9 3 0 1387	1	806.8804	1611.746	2	18.58	0.035	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1213.1213.2.dta
SXPFKXSLXFLGR 0 2 2 1 46	1	758.8578	1515.701	2	20.84	0.035	SAPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1089.1089.2.dta
SXPFKXSLXFLGR 9 0 3 1 1808	1	784.8819	1567.749	2	18.91	0.034	SYPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1519.1519.2.dta
GPSGVVSAQQLXR 6 5 0 0 1301	1	441.5525	1321.636	3	21.25	0.034	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1026.1026.3.dta
SXPFKXSLXFLGR 6 5 9 1 1320	1	775.8887	1549.763	2	19.6	0.033	SFPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1248.1248.2.dta
SXPFKXSLXFLGR 4 0 4 1 810	1	686.8354	1371.656	2	20.6	0.033	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.892.892.2.dta
SXPFKXSLXFLGR 6 8 1 0 1363	1	758.8621	1515.71	2	22.36	0.033	SFPFKXSLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1161.1161.2.dta
SXPFKXSLXFLGR 9 4 3 0 1887	1	791.8759	1581.737	2	14.76	0.033	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1663.1663.3.dta
GPSGVVSAQQLXR 5 1 3 1 1028	1	466.8923	1397.655	3	21.33	0.033	GPSGVVSAQQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1423.1423.3.dta
SXPFKXSLXFLGR 6 9 4 1 1390	1	498.9053	1493.694	3	24.51	0.033	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1189.1189.3.dta
SXPFKXSLXFLGR 0 6 0 1 122	1	708.8492	1415.684	2	24.05	0.032	SAPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.860.860.2.dta
SXPFKXSLXFLGR 6 3 3 1 1268	1	784.8817	1567.749	2	19.16	0.032	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1401.1401.2.dta
GPSGVVSAQQLXR 5 5 6 1 1114	1	668.848	1335.682	2	22.77	0.032	GPSGVVSAQQLSK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1549.1549.2.dta
SXPFKXSLXFLGR 3 3 3 1 668	1	543.6016	1627.783	3	19.58	0.032	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1373.1373.3.dta
GPSGVVSAQQLXR 9 3 5 1 1872	1	723.8553	1445.696	2	22.54	0.032	GPSGVVSAQQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1416.1416.2.dta
SXPFKXSLXFLGR 1 3 9 1 280	1	806.8744	1611.734	2	17.18	0.032	SFPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1289.1289.2.dta
GPSGVVSAQQLXR 7 9 9 0 1599	1	493.5621	1477.665	3	21.87	0.032	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1634.1634.3.dta
SXPFKXSLXFLGR 6 0 3 1 1208	1	746.8636	1491.713	2	22.92	0.031	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1099.1099.2.dta
SXPFKXSLXFLGR 2 1 2 0 425	1	794.855	1587.695	2	19.19	0.031	SAPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1160.1160.2.dta
GPSGVVSAQQLXR 6 3 0 0 1261	1	678.8195	1355.625	2	18.66	0.031	GPSGVVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1262.1262.2.dta
GPSGVVSAQQLXR 5 6 1 1 1124	1	446.8829	1337.627	3	21.03	0.031	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.956.956.3.dta
SXPFKXSLXFLGR 3 1 9 1 640	1	806.8752	1611.736	2	17.32	0.031	SFPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1217.1217.2.dta
SXPFKXSLXFLGR 7 2 2 1 1446	1	773.8646	1545.715	2	15.08	0.031	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1105.1105.2.dta
GPSGVVSAQQLXR 1 7 7 0 355	1	684.8135	1367.613	2	18.88	0.031	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.808.808.2.dta
SXPFKXSLXFLGR 3 9 5 0 791	1	819.9092	1637.804	2	16.37	0.031	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1386.1386.2.dta
SXPFKXSLXFLGR 0 9 9 1 200	1	792.8779	1583.741	2	21.25	0.031	SAPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1020.1020.2.dta
GPSGVVSAQQLXR 5 5 9 1 1120	1	471.5792	1411.716	3	21.26	0.03	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1401.1401.3.dta
SXPFKXSLXFLGR 7 5 1 0 1503	1	772.8771	1543.74	2	23.89	0.03	SFPFKXSLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1259.1259.2.dta
SXPFKXSLXFLGR 6 0 5 1 1212	1	729.8721	1457.73	2	22.89	0.03	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1081.1081.2.dta
SXPFKXSLXFLGR 0 3 9 0 79	1	798.8856	1595.757	2	16.59	0.03	SAPFKXSLYFLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1624.1624.2.dta
SXPFKXSLXFLGR 0 9 2 0 185	1	789.871	1577.728	2	23.36	0.03	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1097.1097.2.dta
GPSGVVSAQQLXR 1 0 9 1 220	1	686.8124	1371.61	2	23.68	0.03	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.2405.2405.2.dta
SXPFKXSLXFLGR 6 5 4 0 1309	1	736.8671	1471.72	2	21.11	0.03	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1225.1225.2.dta
SXPFKXSLXFLGR 3 2 9 1 660	1	813.885	1625.756	2	16.97	0.03	SFPFKXSLYFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1214.1214.2.dta
SXPFKXSLXFLGR 0 6 9 1 140	1									

GPSGVXSAQXLR 9 8 4 0 1969	1	457.553	1369.637	3	22.61	0.025	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1103.1103.3.dta
SXPFKXSLXFR 5 9 3 1 1188	1	805.9043	1609.794	2	17.01	0.024	SLPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1205.1205.2.dta
GPSGVXSAQXLR 8 5 3 1 1708	1	691.86	1381.706	2	21.79	0.024	GPSGVVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1461.1461.2.dta
SXPFKXSLXFR 9 5 0 0 1901	1	781.8915	1561.769	2	20.51	0.024	SYPFKSLPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1615.1615.2.dta
SXPFKXSLXFR 6 4 4 0 1289	1	708.8362	1415.658	2	24.3	0.024	SSPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.904.904.2.dta
GPSGVXSAQXLR 9 1 6 1 1834	1	694.8075	1387.6	2	23.89	0.024	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.794.794.2.dta
SXPFKXSLXFR 5 5 5 1 1112	1	763.923	1525.831	2	16.41	0.023	SLPFKSLPLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1305.1305.2.dta
GPSGVXSAQXLR 2 8 2 0 565	1	704.8294	1407.644	2	27.68	0.023	GPSGVVSAQALER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1065.1065.2.dta
GPSGVXSAQXLR 3 9 3 1 788	1	740.8455	1479.677	2	25.55	0.023	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1421.1421.2.dta
SXPFKXSLXFR 9 1 2 0 1825	1	541.5796	1621.717	3	21.42	0.023	SYPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1167.1167.3.dta
SXPFKXSLXFR 4 3 6 1 874	1	739.8571	1477.7	2	25.03	0.022	STPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1553.1553.2.dta
GPSGVXSAQXLR 6 0 1 1 1204	1	648.7967	1295.579	2	22.78	0.023	GPSGVVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.692.692.2.dta
SXPFKXSLXFR 0 2 5 0 51	1	764.8831	1527.752	2	22.8	0.023	SAPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1289.1289.2.dta
SXPFKXSLXFR 0 1 1 1 24	1	744.8428	1487.671	2	23.2	0.023	SAPFKXSLPFDGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.938.938.2.dta
SXPFKXSLXFR 6 5 0 1 1302	1	486.9178	1457.732	3	23.71	0.022	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1037.1037.3.dta
SXPFKXSLXFR 7 9 9 1 1600	1	807.8823	1613.75	2	16.87	0.022	STPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1019.1019.2.dta
SXPFKXSLXFR 0 6 9 1 140	1	754.8631	1507.712	2	25.9	0.022	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.960.960.2.dta
SXPFKXSLXFR 6 0 9 1 1220	1	754.8616	1507.709	2	26.04	0.022	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.945.945.2.dta
GPSGVXSAQXLR 1 1 2 0 225	1	470.8695	1409.587	3	18.83	0.022	GPSGVVSDAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_45.767.767.3.dta
GPSGVXSAQXLR 9 3 9 1 1880	1	748.845	1495.676	2	26.35	0.022	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1264.1264.2.dta
SXPFKXSLXFR 6 3 9 1 1280	1	792.8802	1583.746	2	22.92	0.022	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1553.1609.2.dta
SXPFKXSLXFR 6 0 4 1 1210	1	701.8416	1401.669	2	25.55	0.022	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.919.919.2.dta
SXPFKXSLXFR 6 3 9 0 1279	1	538.2548	1611.743	3	22.72	0.022	SSPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1508.1508.3.dta
SXPFKXSLXFR 7 9 2 1 1586	1	790.8748	1579.735	2	17.91	0.022	STPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1168.1168.2.dta
SXPFKXSLXFR 5 7 2 1 1146	1	765.8873	1529.76	2	20.37	0.022	SLPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1082.1082.2.dta
SXPFKXSLXFR 5 5 0 1 1102	1	742.8997	1483.785	2	20.61	0.021	SLPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1344.1344.2.dta
GPSGVXSAQXLR 9 8 3 1 1968	1	716.8483	1431.682	2	24.05	0.021	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1787.1787.2.dta
SXPFKXSLXFR 3 9 5 1 792	1	805.9068	1609.799	2	17.05	0.021	SXPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1728.1728.2.dta
SXPFKXSLXFR 9 2 9 0 1859	1	835.8848	1669.755	2	17.04	0.021	SYPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1320.1320.2.dta
SXPFKXSLXFR 0 0 8 1 18	1	714.8681	1427.722	2	22.88	0.021	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1193.1193.2.dta
GPSGVXSAQXLR 7 9 9 1 1600	1	725.8337	1449.653	2	28.45	0.021	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.940.940.2.dta
SXPFKXSLXFR 2 6 6 1 534	1	745.8518	1489.689	2	21.09	0.021	SEPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1072.1072.2.dta
GPSGVXSAQXLR 8 3 4 1 1670	1	663.8275	1325.64	2	23.31	0.021	GPSGVVSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1116.1116.2.dta
GPSGVXSAQXLR 1 0 1 0 203	1	676.7974	1351.58	2	25.08	0.02	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.827.827.2.dta
SXPFKXSLXFR 8 5 9 1 1720	1	781.9058	1561.797	2	19.09	0.02	SXPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1154.1154.2.dta
SXPFKXSLXFR 3 6 3 1 728	1	784.8801	1567.746	2	21.12	0.02	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1097.1097.2.dta
SXPFKXSLXFR 0 1 0 1 22	1	722.8498	1443.685	2	26.11	0.02	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.936.936.2.dta
GPSGVXSAQXLR 0 8 6 1 174	1	640.8176	1279.621	2	22.51	0.02	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1023.1023.2.dta
SXPFKXSLXFR 3 2 9 0 659	1	552.2604	1653.76	3	20.61	0.02	SXPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1408.1408.3.dta
SXPFKXSLXFR 9 5 3 0 1907	1	819.9108	1637.807	2	18.19	0.02	SXPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1857.1857.2.dta
SXPFKXSLXFR 2 3 2 1 466	1	796.8713	1591.728	2	18.84	0.02	SEPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1266.1266.2.dta
GPSGVXSAQXLR 3 6 6 1 734	1	672.8137	1343.613	2	28.23	0.02	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.916.916.2.dta
SXPFKXSLXFR 8 0 1 0 1603	1	500.912	1499.714	3	25.9	0.019	SXPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1146.1146.3.dta
GPSGVXSAQXLR 2 1 1 0 423	1	705.8006	1409.587	2	19.38	0.019	GPSGVVSDAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.793.793.2.dta
GPSGVXSAQXLR 5 2 5 0 1051	1	469.5724	1405.696	3	25.36	0.019	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1391.1391.3.dta
SXPFKXSLXFR 0 1 4 1 30	1	715.8409	1429.667	2	24.71	0.019	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.928.928.2.dta
GPSGVXSAQXLR 9 2 5 1 1852	1	476.8969	1427.669	3	23.19	0.019	GPSGVVSAQLLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1052.1052.3.dta
GPSGVXSAQXLR 4 9 3 1 988	1	695.8232	1389.632	2	25.08	0.019	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1120.1120.2.dta
GPSGVXSAQXLR 3 3 3 0 667	1	498.2376	1491.691	3	20.91	0.018	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1460.1460.3.dta
SXPFKXSLXFR 0 3 5 1 72	1	506.9296	1517.767	3	19.51	0.018	SAPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1464.1464.3.dta
SXPFKXSLXFR 2 1 5 1 432	1	772.8764	1543.738	2	26.23	0.018	SEPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1297.1297.2.dta
GPSGVXSAQXLR 5 3 3 1 708	1	715.8595	1429.704	2	23.11	0.018	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1660.1660.2.dta
SXPFKXSLXFR 0 6 8 0 137	1	736.8698	1471.725	2	22.88	0.018	SAPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1255.1255.2.dta
SXPFKXSLXFR 6 4 4 1 1290	1	694.8334	1387.652	2	26.35	0.018	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.866.866.2.dta
SXPFKXSLXFR 5 5 6 1 1114	1	750.8975	1499.781	2	21.79	0.018	SLPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1681.1681.2.dta
SXPFKXSLXFR 4 4 2 1 886	1	715.8385	1429.663	2	25.51	0.018	SGPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.884.884.2.dta
SXPFKXSLXFR 5 3 8 1 1078	1	516.2744	1545.801	3	20.56	0.018	SLPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1306.1306.3.dta
GPSGVXSAQXLR 0 8 6 0 173	1	654.817	1307.62	2	22.81	0.018	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.2497.2497.2.dta
SXPFKXSLXFR 9 9 6 0 1993	1	814.8791	1627.744	2	22.38	0.018	SYPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1179.1179.2.dta
SXPFKXSLXFR 3 6 4 1 730	1	739.8573	1477.7	2	25.17	0.018	SSPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1117.1117.2.dta
GPSGVXSAQXLR 3 4 5 0 691	1	684.8378	1367.661	2	23.64	0.018	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1464.1464.2.dta
GPSGVXSAQXLR 0 5 2 0 105	1	682.8332	1363.652	2	24.26	0.018	GPSGVVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1061.1061.2.dta
GPSGVXSAQXLR 9 5 6 0 1913	1	707.8387	1413.663	2	25.33	0.018	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1405.1405.2.dta
GPSGVXSAQXLR 7 6 9 1 1540	1	687.8181	1373.622	2	29.66	0.018	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.825.825.2.dta
GPSGVXSAQXLR 4 9 3 1 988	1	695.8235	1389.633	2	25.13	0.018	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1228.1228.2.dta
GPSGVXSAQXLR 9 5 7 0 1915	1	476.9008	1427.881	3	24.23	0.018	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1303.1303.3.dta
GPSGVXSAQXLR 3 0 1 0 603	1	692.8159	1383.617	2	23.78	0.018	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1226.1226.2.dta
SXPFKXSLXFR 5 3 3 1 1068	1	797.9082	1593.802	2	19.76	0.017	SXPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1505.1505.2.dta
SXPFKXSLXFR 2 5 3 1 503	1	786.8765	1571.739	2	24.53	0.017	SEPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1273.1273.2.dta
SXPFKXSLXFR 5 1 5 1 1032	1	764.8979	1527.781	2	23.81	0.017	SLPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1206.1206.2.dta
SXPFKXSLXFR 5 9 1 0 1183	1	803.8865	1605.759	2	24.46	0.017	SLPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1265.1265.2.dta
SXPFKXSLXFR 8 9 1 0 1783	1	796.8779	1591.741	2	25.05	0.017	SXPFKXSLPFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1180.1180.2.dta
SXPFKXSLXFR 1 6 9 1 340	1	518.239	1551.695	3	24.49	0.017	SDPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.971.971.3.dta
SXPFKXSLXFR 4 4 9 1 900	1	488.9012	1463.682	3	26.85	0.017	SGPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1072.1072.3.dta
GPSGVXSAQXLR 3 9 4 0 789	1	709.8258	1417.637	2	25.65	0.017	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1261.1261.2.dta
GPSGVXSAQXLR 4 5 3 0 907	1	684.8384	1367.662	2	24.04	0.017	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1815.1815.2.dta
SXPFKXSLXFR 7 3 1 1 1464	1	775.8684	1549.722	2	25.74	0.017	STPFKXSLPFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1235.1235.2.dta
GPSGVXSAQXLR 0 9 2 1 186	1	693.8204	1385.626	2	25.71	0.017	GPSGVVSAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.913.913.2.dta
SXPFKXSLXFR 0 2 2 1 46										

GPSGXVSAQXLR 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
SXPFKXSPFXFGR 1 9 8 1 398	1	522.2529	1563.737	3	23.38	0.015	SDFPKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1090.1090.3.dta
SXPFKXSPFXFGR 6 9 2 0 1385	1	797.8673	1593.72	2	25.62	0.015	SDFPKYSPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1107.1107.3.dta
SXPFKXSPFXFGR 0 8 8 1 178	1	486.2596	1455.757	3	23.85	0.015	SAPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1071.1071.3.dta
SXPFKXSPFXFGR 6 5 6 0 1313	1	751.8738	1501.733	2	20.02	0.015	SPPFKSPLSFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1148.1148.2.dta
SXPFKXSPFXFGR 6 4 4 0 1289	1	708.837	1415.659	2	26.39	0.015	SPPFKSPLGFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.937.937.2.dta
SXPFKXSPFXFGR 3 3 3 0 667	1	828.9023	1655.79	2	18.23	0.015	SFFPKSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1561.1561.2.dta
SXPFKXSPFXFGR 0 7 9 1 160	1	761.8737	1521.733	2	24.91	0.015	SAPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1011.1011.2.dta
SXPFKXSPFXFGR 2 2 2 1 446	1	787.8602	1573.706	2	20.34	0.015	SEFPKESPLFEGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.963.963.2.dta
GPSGXVSAQXLR 9 0 6 1 1814	1	448.8778	1343.612	3	29.44	0.015	GPSGVVSAQQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.827.827.3.dta
GPSGXVSAQXLR 8 1 8 0 1637	1	682.8328	1363.651	3	25.01	0.015	GPSGVVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.957.957.2.dta
SXPFKXSPFXFGR 6 1 9 1 1240	1	776.8585	1551.702	2	22.88	0.015	SPPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.973.973.2.dta
SXPFKXSPFXFGR 9 0 9 1 1820	1	792.8785	1583.743	2	24.88	0.015	SPPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1104.1104.2.dta
GPSGXVSAQXLR 5 6 5 1 1132	1	446.2341	1335.68	3	26.51	0.014	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1282.1282.3.dta
GPSGXVSAQXLR 5 3 2 0 1065	1	480.9009	1439.681	3	23.06	0.014	GPSGLVSAQALER	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1500.1500.3.dta
SXPFKXSPFXFGR 9 3 1 0 1863	1	547.5882	1639.743	3	22.09	0.014	SYPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1573.1573.3.dta
GPSGXVSAQXLR 3 8 9 0 779	1	730.8495	1459.685	2	24.74	0.014	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1292.1292.2.dta
SXPFKXSPFXFGR 7 8 2 0 1565	1	772.8788	1543.743	2	25.98	0.014	SDFPKYSPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1182.1182.2.dta
GPSGXVSAQXLR 4 8 4 1 970	1	618.8052	1235.596	2	18.56	0.014	GPSGVVSAQGLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.960.960.2.dta
SXPFKXSPFXFGR 7 0 8 1 1418	1	729.8735	1457.733	2	25.98	0.014	STPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1194.1194.2.dta
GPSGXVSAQXLR 9 8 4 0 1969	1	685.8258	1369.637	2	25.05	0.014	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1217.1217.2.dta
SXPFKXSPFXFGR 3 5 2 0 705	1	802.8961	1603.778	2	23.45	0.014	SFPFKSPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1409.1409.2.dta
SXPFKXSPFXFGR 7 8 2 0 645	1	810.8759	1619.732	2	23.16	0.014	STPFKESPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1189.1189.2.dta
GPSGXVSAQXLR 4 4 1 1 884	1	626.7845	1251.554	2	29.41	0.014	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.721.721.2.dta
GPSGXVSAQXLR 7 9 3 0 1587	1	488.23	1461.668	3	25.88	0.014	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1455.1455.3.dta
SXPFKXSPFXFGR 4 9 4 1 990	1	732.8501	1463.686	2	27.61	0.014	SGPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1072.1072.2.dta
SXPFKXSPFXFGR 5 4 3 0 1087	1	766.8881	1531.762	2	21.01	0.014	SLPFKESPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1791.1791.2.dta
SXPFKXSPFXFGR 7 2 4 1 1450	1	737.85	1473.686	2	26.75	0.014	STPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.892.892.2.dta
SXPFKXSPFXFGR 4 4 5 0 891	1	721.8633	1441.712	2	26.75	0.014	SPPFKSPLSFGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1295.1295.2.dta
GPSGXVSAQXLR 6 5 2 1 1306	1	676.8259	1351.637	2	25.48	0.014	SLPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.960.960.2.dta
SXPFKXSPFXFGR 9 9 9 1 2000	1	838.8915	1675.769	2	21.5	0.013	SYPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1083.1083.2.dta
GPSGXVSAQXLR 8 5 3 0 1707	1	705.8575	1409.7	2	24.84	0.013	GPSGVVSAQLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1481.1481.2.dta
SXPFKXSPFXFGR 5 1 8 0 1037	1	771.8893	1541.764	2	25.65	0.013	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1428.1428.2.dta
GPSGXVSAQXLR 0 4 5 0 91	1	646.8223	1291.63	2	21.67	0.013	GPSGVVSAQQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1096.1096.2.dta
SXPFKXSPFXFGR 2 9 1 0 583	1	541.5792	1621.716	3	24.05	0.013	SFPFKSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1052.1052.3.dta
SXPFKXSPFXFGR 1 5 8 1 318	1	757.8891	1513.764	2	26.79	0.013	SDFPKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1687.1687.2.dta
GPSGXVSAQXLR 3 9 3 1 788	1	740.847	1479.68	2	27.23	0.013	SPSGVVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1300.1300.2.dta
SXPFKXSPFXFGR 2 4 2 0 485	1	510.9041	1529.69	3	27.96	0.013	SEFPKESPLFEGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1022.1022.3.dta
SXPFKXSPFXFGR 6 0 1 1 1204	1	730.8448	1459.675	2	26.91	0.013	SPPFKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1009.1009.2.dta
SXPFKXSPFXFGR 9 4 9 0 1899	1	799.8735	1597.733	2	21.84	0.013	SYPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1311.1311.2.dta
SXPFKXSPFXFGR 0 2 1 0 43	1	765.8497	1529.685	2	27.28	0.013	SAPFKESPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.994.994.2.dta
SXPFKXSPFXFGR 0 4 9 1 100	1	493.5742	1477.701	3	26.87	0.013	SAPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1030.1030.3.dta
SXPFKXSPFXFGR 7 8 2 1 1566	1	758.8778	1515.741	2	24.93	0.013	STPFKESPLFEGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1543.1543.2.dta
SXPFKXSPFXFGR 9 0 0 1 1802	1	498.2464	1491.717	3	27.17	0.013	SYPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1158.1158.3.dta
GPSGXVSAQXLR 4 4 8 1 898	1	618.8033	1235.592	2	18.86	0.013	GPSGVVSAQQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.861.861.2.dta
SXPFKXSPFXFGR 1 3 6 0 273	1	782.8632	1563.712	2	26.57	0.013	SDFPKYSPLSFGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1342.1342.2.dta
SXPFKXSPFXFGR 5 4 3 1 1088	1	502.2587	1503.754	3	21.99	0.013	SLPFKESPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1133.1133.3.dta
SXPFKXSPFXFGR 5 2 5 0 1051	1	785.9058	1569.797	2	23.31	0.013	SLPFKESPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1371.1371.2.dta
SXPFKXSPFXFGR 2 6 4 1 530	1	730.8453	1459.676	2	27.13	0.013	SEFPKESPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.910.910.2.dta
GPSGXVSAQXLR 0 5 7 0 115	1	446.2241	1335.65	3	24.62	0.013	GPSGAVSAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1128.1128.3.dta
GPSGXVSAQXLR 1 8 4 1 370	1	647.8077	1293.601	2	28.2	0.013	GPSGVVSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.843.843.2.dta
GPSGXVSAQXLR 4 9 0 1 982	1	657.8075	1313.6	2	27.1	0.013	GPSGVVSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.867.867.2.dta
SXPFKXSPFXFGR 2 9 4 1 590	1	512.9099	1535.708	3	28.1	0.013	SEFPKYSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1190.1190.3.dta
GPSGXVSAQXLR 3 8 2 1 766	1	466.8949	1397.663	3	26.1	0.013	GPSGVVSAQLEK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1561.1561.3.dta
SXPFKXSPFXFGR 0 5 0 1 102	1	721.8755	1441.736	2	24.48	0.012	SAPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1021.1021.2.dta
SXPFKXSPFXFGR 5 1 8 0 1037	1	771.8904	1541.766	2	26.06	0.012	SLPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1631.1631.2.dta
SXPFKXSPFXFGR 0 8 0 1 162	1	714.8698	1427.725	2	23.02	0.012	SYPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1488.1488.2.dta
SXPFKXSPFXFGR 4 6 9 1 940	1	747.8558	1493.697	2	28.63	0.012	SGPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1144.1144.2.dta
SXPFKXSPFXFGR 2 2 9 0 459	1	818.8734	1635.732	2	23.36	0.012	SEFPKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1038.1038.2.dta
GPSGXVSAQXLR 5 1 0 0 1021	1	450.8852	1349.634	3	25.17	0.012	GPSGLVSDAQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1055.1055.3.dta
SXPFKXSPFXFGR 9 1 9 0 1839	1	828.8765	1655.738	2	23.06	0.012	SYPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1347.1347.2.dta
SXPFKXSPFXFGR 0 5 3 1 108	1	759.8904	1517.766	2	21.28	0.012	SPPFKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1223.1223.2.dta
GPSGXVSAQXLR 9 5 3 1 1908	1	482.9063	1445.697	3	26.66	0.012	GPSGVVSAQQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1788.1788.3.dta
GPSGXVSAQXLR 9 3 1 1 1864	1	724.8267	1447.639	2	26.89	0.012	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1130.1130.2.dta
GPSGXVSAQXLR 8 7 3 0 1747	1	699.8391	1397.664	2	28.27	0.012	GPSGVVSTAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1337.1337.2.dta
SXPFKXSPFXFGR 9 9 3 0 1987	1	844.8986	1687.783	2	21.13	0.012	SYPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1649.1649.2.dta
SXPFKXSPFXFGR 3 8 5 1 772	1	516.2759	1545.806	3	19.34	0.012	SFPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1310.1310.3.dta
SXPFKXSPFXFGR 4 4 4 0 889	1	462.8888	1385.645	3	27.65	0.012	SGPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1012.1012.3.dta
SXPFKXSPFXFGR 8 8 2 1 1766	1	505.5944	1513.761	3	26.26	0.012	SDFPKYSPLFEGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1067.1067.3.dta
SXPFKXSPFXFGR 0 8 6 1 174	1	482.2456	1443.715	3	26.88	0.012	SAPFKYSPLSFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1229.1229.3.dta
SXPFKXSPFXFGR 5 3 5 0 1071	1	530.2797	1587.817	3	19.36	0.012	SLPFKESPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1772.1772.3.dta
SXPFKXSPFXFGR 5 1 5 0 1031	1	778.8979	1555.781	2	24.85	0.012	SLPFKDSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1521.1521.2.dta
GPSGXVSAQXLR 5 3 5 0 1071	1	712.8696	1423.725	2	19.5	0.011	GPSGLVSAQQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1344.1344.2.dta
SXPFKXSPFXFGR 9 6 9 1 1940	1	800.8755	1599.736	2	23.55	0.011	SPPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1060.1060.2.dta
SXPFKXSPFXFGR 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
SXPFKXSPFXFGR 9 7 2 0 1945	1	804.8766	1607.739	2	25.81	0.011	SYPFKSPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1084.1084.2.dta
SXPFKXSPFXFGR 9 6 9 0 1939	1	814.8783	1627.742	2	24.52	0.011	SYPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1429.1429.2.dta
SXPFKXSPFXFGR 2 0 3 1 408	1	512.2476	1533.721	3	25.81	0.011	SEFPKESPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1055.1055.3.dta
SXPFKXSPFXFGR 5 6 5 0 1131	1	764.9								

SXPFKXSPLXFRG 7 8 0 0 1561	1	743.8749	1485.735	2	26.89	0.0095	STPFKVSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1216.1216.2.dta
GPSGVXSQAQLXR 9 7 9 1 1960	1	725.8342	1449.654	2	31.93	0.0095	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.956.956.2.dta
SXPFKXSPLXFRG 6 6 9 1 1340	1	762.8627	1523.711	2	26.69	0.0093	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1137.1137.2.dta
GPSGVXSQAQLXR 0 4 3 1 188	1	649.8105	1297.606	2	28.53	0.0093	GPSGVVSGAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1065.1065.2.dta
GPSGVXSQAQLXR 6 0 7 0 1215	1	655.8067	1309.599	2	21.6	0.0093	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.807.807.2.dta
SXPFKXSPLXFRG 3 3 3 1 628	1	532.9202	1595.739	3	22.52	0.0092	SXPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1162.1162.3.dta
GPSGVXSQAQLXR 3 0 9 1 620	1	702.8334	1403.652	2	29.55	0.0092	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1394.1394.2.dta
GPSGVXSQAQLXR 8 8 1 0 1763	1	682.8342	1363.654	2	27.19	0.0092	GPSGVVSAQDLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1201.1201.2.dta
GPSGVXSQAQLXR 3 4 9 1 700	1	695.8227	1389.631	2	28.2	0.0091	GPSGVVSGAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1019.1019.2.dta
GPSGVXSQAQLXR 1 5 5 0 311	1	464.9009	1391.681	3	27.87	0.009	GPSGVVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1210.1210.3.dta
GPSGVXSQAQLXR 3 6 9 0 739	1	724.8301	1447.646	2	29.42	0.009	GPSGVVSSAQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1301.1301.2.dta
SXPFKXSPLXFRG 4 4 4 0 889	1	693.8322	1385.65	2	28.33	0.009	SGPFKSSPLGFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.939.939.2.dta
SXPFKXSPLXFRG 1 5 3 0 307	1	795.892	1589.769	2	25.02	0.009	SDFPKLSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1882.1882.2.dta
GPSGVXSQAQLXR 5 3 6 1 1074	1	457.5616	1369.663	3	28.07	0.009	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1140.1140.3.dta
SXPFKXSPLXFRG 1 5 7 0 315	1	772.8792	1543.744	2	28.02	0.009	SDFPKLSPLTFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1578.1578.2.dta
SXPFKXSPLXFRG 5 2 9 1 1060	1	796.894	1591.774	2	24.41	0.0089	SDFPKKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1375.1375.2.dta
SXPFKXSPLXFRG 4 6 0 1 922	1	701.8423	1401.67	2	30.31	0.0087	SGPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.870.870.2.dta
GPSGVXSQAQLXR 1 4 3 1 288	1	671.805	1341.595	2	29.28	0.0087	GPSGVVSGAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1021.1021.2.dta
SXPFKXSPLXFRG 9 5 4 0 1909	1	774.8865	1547.759	2	25.66	0.0086	SXPFKSSPLGFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1607.1607.2.dta
SXPFKXSPLXFRG 3 1 2 1 626	1	526.9102	1577.709	3	26.03	0.0086	SXPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1341.1341.3.dta
GPSGVXSQAQLXR 3 3 5 0 671	1	486.9083	1457.703	3	24.02	0.0085	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1404.1404.3.dta
SXPFKXSPLXFRG 0 2 9 0 59	1	789.8719	1577.729	2	28.85	0.0085	SAPFKKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1191.1191.2.dta
SXPFKXSPLXFRG 5 3 3 0 1067	1	541.6105	1621.81	3	21.52	0.0085	SDFPKSSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1804.1804.3.dta
GPSGVXSQAQLXR 8 9 8 0 1797	1	706.8492	1411.684	2	26.31	0.0084	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1165.1165.2.dta
GPSGVXSQAQLXR 9 6 7 1 1936	1	687.8179	1373.621	2	33.01	0.0084	GPSGVVSSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.801.801.2.dta
GPSGVXSQAQLXR 5 1 6 0 1033	1	456.2174	1365.631	3	27.62	0.0083	GPSGVVSDAQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.989.989.3.dta
GPSGVXSQAQLXR 3 3 9 1 680	1	740.8475	1479.68	2	30.74	0.0083	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1282.1282.2.dta
SXPFKXSPLXFRG 2 4 7 1 496	1	492.2366	1473.688	3	28.91	0.0083	SEPFKSSPLTFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.890.890.3.dta
GPSGVXSQAQLXR 3 1 2 0 625	1	721.8164	1441.618	2	24.23	0.0083	GPSGVVSDAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.949.949.2.dta
GPSGVXSQAQLXR 3 9 5 0 791	1	737.8583	1473.702	2	25.92	0.0081	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1389.1389.2.dta
SXPFKXSPLXFRG 9 6 9 1 1940	1	800.8744	1599.734	2	23.15	0.008	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.983.983.2.dta
SXPFKXSPLXFRG 3 3 0 0 661	1	527.5928	1579.573	3	21.93	0.008	SXPFKSSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1263.1263.3.dta
GPSGVXSQAQLXR 6 8 0 0 1362	1	640.8184	1279.622	2	26.53	0.008	GPSGVVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.917.917.2.dta
SXPFKXSPLXFRG 9 4 1 1 1884	1	761.8539	1521.693	2	30.31	0.008	SXPFKSSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1003.1003.2.dta
GPSGVXSQAQLXR 0 5 3 1 108	1	452.2304	1353.669	3	29.32	0.0079	SDFPKSSPLAFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1680.1680.3.dta
SXPFKXSPLXFRG 0 8 1 0 163	1	750.8658	1499.717	2	29.11	0.0079	SAPFKKSSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1152.1152.2.dta
SXPFKXSPLXFRG 9 9 9 0 1999	1	568.9321	1703.774	3	21.02	0.0079	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1093.1093.3.dta
SXPFKXSPLXFRG 1 8 3 1 368	1	516.9222	1547.745	3	26.15	0.0079	SDFPKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1564.1564.3.dta
GPSGVXSQAQLXR 7 9 3 1 1588	1	717.837	1433.659	2	31.45	0.0079	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1115.1115.2.dta
SXPFKXSPLXFRG 4 4 2 1 886	1	715.8416	1429.669	2	29.57	0.0078	SGPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1087.1087.2.dta
GPSGVXSQAQLXR 0 9 3 1 188	1	702.8318	1403.649	2	30.86	0.0078	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1177.1177.2.dta
SXPFKXSPLXFRG 5 7 2 0 1145	1	779.889	1557.763	2	28.04	0.0078	SDFPKSSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1150.1150.2.dta
GPSGVXSQAQLXR 6 8 3 1 1368	1	452.8902	1355.649	3	28.92	0.0077	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.957.957.3.dta
SXPFKXSPLXFRG 7 0 2 0 1405	1	758.8632	1515.712	2	28.7	0.0077	STPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.957.957.2.dta
SXPFKXSPLXFRG 5 5 5 1 1112	1	763.9246	1525.835	2	21.21	0.0076	SDFPKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1895.1895.5.dta
SXPFKXSPLXFRG 3 8 9 1 780	1	798.8987	1595.783	2	22.93	0.0076	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1188.1188.2.dta
GPSGVXSQAQLXR 9 1 9 1 1840	1	732.8246	1463.635	2	28.43	0.0075	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.946.946.2.dta
GPSGVXSQAQLXR 8 4 7 0 1695	1	654.8173	1307.62	2	26.62	0.0075	GPSGVVSGAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.872.872.2.dta
GPSGVXSQAQLXR 4 4 1 1 884	1	626.782	1251.549	2	25.1	0.0074	GPSGVVSGAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.728.728.2.dta
SXPFKXSPLXFRG 1 0 7 0 215	1	501.5707	1501.69	3	30.84	0.0074	SDFPKKASPLTFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.968.968.3.dta
SXPFKXSPLXFRG 3 9 5 1 792	1	537.6068	1609.798	3	21.58	0.0073	SXPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1620.1620.3.dta
GPSGVXSQAQLXR 9 0 8 1 1818	1	452.8896	1355.647	3	29.12	0.0073	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.939.939.3.dta
SXPFKXSPLXFRG 9 9 9 1 2000	1	838.8912	1675.768	2	24	0.0072	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1197.1197.2.dta
GPSGVXSQAQLXR 5 6 3 1 1128	1	685.8403	1369.666	2	28.56	0.0072	GPSGVVSAQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1524.1524.2.dta
GPSGVXSQAQLXR 0 4 3 1 88	1	649.8108	1297.607	2	29.69	0.0071	GPSGVVSGAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.994.994.2.dta
SXPFKXSPLXFRG 9 0 9 1 1820	1	792.8779	1583.743	2	27.96	0.007	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1343.1343.2.dta
SXPFKXSPLXFRG 9 7 2 0 1945	1	804.8775	1607.741	2	27.91	0.007	SDFPKSSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1303.1303.2.dta
GPSGVXSQAQLXR 1 1 9 0 239	1	482.2102	1443.609	3	28.04	0.0069	GPSGVVSDAQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.878.878.3.dta
SXPFKXSPLXFRG 9 1 9 0 1839	1	828.8768	1655.739	2	25.48	0.0069	SDFPKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1208.1208.2.dta
SXPFKXSPLXFRG 3 3 9 0 679	1	558.2689	1671.785	3	24.52	0.0069	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1290.1290.3.dta
SXPFKXSPLXFRG 1 9 2 0 385	1	541.5798	1621.718	3	26.7	0.0068	SDFPKSSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1309.1309.3.dta
GPSGVXSQAQLXR 2 5 0 1 502	1	446.2214	1335.642	3	29.32	0.0068	GPSGVVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.975.975.3.dta
SXPFKXSPLXFRG 9 2 3 1 1848	1	542.9246	1625.752	3	22.46	0.0068	SXPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1495.1495.3.dta
SXPFKXSPLXFRG 8 5 4 1 1710	1	728.884	1455.754	2	28.3	0.0067	SDFPKSSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1250.1250.2.dta
SXPFKXSPLXFRG 1 3 6 0 273	1	522.2443	1563.711	3	29.39	0.0067	SDFPKSSPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1543.1543.3.dta
SXPFKXSPLXFRG 0 8 1 0 163	1	750.8651	1499.716	2	30.48	0.0066	SAPFKKSSPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1415.1415.2.dta
SXPFKXSPLXFRG 3 9 1 1 784	1	806.8797	1611.745	2	27.88	0.0066	SXPFKSSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1297.1297.2.dta
GPSGVXSQAQLXR 5 3 4 1 1070	1	670.8344	1339.654	2	31.32	0.0066	GPSGVVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1282.1282.2.dta
GPSGVXSQAQLXR 6 8 5 1 1372	1	661.8383	1321.662	2	32.85	0.0065	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1196.1196.2.dta
SXPFKXSPLXFRG 4 0 0 1 802	1	693.8463	1385.678	2	26.24	0.0064	SGPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1152.1152.2.dta
GPSGVXSQAQLXR 3 3 3 0 667	1	746.8554	1491.696	2	25.45	0.0064	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2147.2147.2.dta
SXPFKXSPLXFRG 7 1 2 0 1425	1	780.8583	1559.702	2	28.94	0.0063	STPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.947.947.2.dta
SXPFKXSPLXFRG 0 6 8 1 138	1	722.8689	1443.723	2	27.87	0.0063	SAPFKKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1211.1211.2.dta
GPSGVXSQAQLXR 8 9 7 1 1796	1	693.8376	1385.661	2	32.56	0.0063	GPSGVVSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.954.954.2.dta
SXPFKXSPLXFRG 8 9 8 1 1798	1	516.9352	1547.784	3	26.06	0.0062	SXPFKSSPLVYFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1069.1069.3.dta
GPSGVXSQAQLXR 3 9 0 0 781	1	478.226	1431.656	3	29.29	0.0062	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_45.1329.1329.3.dta
SXPFKXSPLXFRG 4 6 9 0 939	1	761.8591	1521.704	2	27.66	0.0062	SDFPKSSPLVYFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1184.1184.2.dta
GPSGVXSQAQLXR 5 9 7 1 1196	1	700.8448	1399.675	2	33.6	0.0062	GPSGVVSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.

GPSGVXSQAQLXR	1 0 7 0	215	1	446.8741	1337.601	3	29.49	0.0054	GPSGDVSAQAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.765.765.3.dta
GPSGVXSQAQLXR	0 3 1 1	164	2	678.8139	1355.613	2	32.66	0.0054	GPSGAVSFAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1040.1040.2.dta
GPSGVXSQAQLXR	2 3 1 1	1464	2	707.8154	1413.616	2	29.56	0.0054	GPSGEVSAFAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1024.1024.2.dta
GPSGVXSQAQLXR	9 3 4 1	1870	2	695.8226	1389.631	2	30.45	0.0054	GPSGVVSAFAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1121.1121.2.dta
SXPFKXSPFLXFR	5 3 8 0	1077	2	787.9109	1573.807	2	22.79	0.0053	SLPFKSPFLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1441.1441.2.dta
SXPFKXSPFLXFR	4 6 1 1	1924	3	482.8939	1445.666	3	31.21	0.0053	SGPFKSPFLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.918.918.3.dta
SXPFKXSPFLXFR	5 0 8 1	1018	2	735.8923	1469.77	2	27.75	0.0053	SLPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1176.1176.2.dta
SXPFKXSPFLXFR	9 1 9 0	1839	2	828.8762	1655.738	2	26.75	0.0052	SYPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1116.1116.2.dta
GPSGVXSQAQLXR	2 3 9 1	1480	2	731.8314	1461.648	2	28.05	0.0052	GPSGEVSAFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1163.1163.2.dta
GPSGVXSQAQLXR	1 3 1 0	263	2	714.8107	1427.607	2	25.29	0.0052	GPSGDVSAFAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1053.1053.2.dta
GPSGVXSQAQLXR	9 8 6 1	1974	2	686.8287	1371.643	2	33.06	0.0052	GPSGVVSAFAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.952.952.2.dta
SXPFKXSPFLXFR	8 0 9 1	1620	3	507.5905	1519.75	3	29.23	0.0051	SVPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1011.1011.3.dta
SXPFKXSPFLXFR	7 8 1 0	1563	2	765.8693	1529.724	2	31.56	0.0051	STPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1114.1114.2.dta
GPSGVXSQAQLXR	9 2 4 0	1849	3	467.5445	1399.612	3	30.66	0.0051	GPSGVVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.810.810.3.dta
GPSGVXSQAQLXR	8 5 3 1	1708	3	461.5757	1381.705	3	28.51	0.0051	GPSGVVSAQAQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1821.1821.3.dta
SXPFKXSPFLXFR	9 4 9 1	1900	3	524.2484	1569.723	3	31	0.0051	SYPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.979.979.3.dta
GPSGVXSQAQLXR	1 5 3 1	308	2	699.8378	1397.661	2	30.26	0.0051	GPSGDVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1261.1261.2.dta
GPSGVXSQAQLXR	1 1 1 1	224	2	684.7864	1367.558	2	33.41	0.0051	GPSGDVSDAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.746.746.2.dta
GPSGVXSQAQLXR	1 0 7 0	215	2	669.804	1337.593	2	27.53	0.005	GPSGDVSAQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.709.709.2.dta
GPSGVXSQAQLXR	0 6 9 1	140	2	672.8132	1343.612	2	34.23	0.005	GPSGAVSSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.793.793.2.dta
SXPFKXSPFLXFR	6 5 6 0	1313	2	751.8726	1501.731	2	26.24	0.005	SSPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1168.1168.2.dta
SXPFKXSPFLXFR	4 1 1 1	824	2	737.8339	1473.653	2	29.35	0.0049	SGPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1183.1183.2.dta
GPSGVXSQAQLXR	7 9 9 1	1600	2	725.834	1449.654	2	34.83	0.0049	GPSGVVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1283.1283.2.dta
GPSGVXSQAQLXR	0 8 5 1	172	2	653.8427	1305.671	2	29.57	0.0048	GPSGAVSVAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1528.1528.2.dta
SXPFKXSPFLXFR	4 2 9 0	859	3	522.2444	1563.711	3	30.83	0.0048	SGPFKASPLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1236.1236.3.dta
GPSGVXSQAQLXR	0 8 3 1	168	2	670.836	1339.657	2	30.47	0.0048	GPSGAVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1284.1284.2.dta
SXPFKXSPFLXFR	0 5 3 1	108	3	506.9306	1517.77	3	25.38	0.0048	SAPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1232.1232.3.dta
SXPFKXSPFLXFR	6 6 2 0	1325	2	759.8531	1517.692	2	28.2	0.0048	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.952.952.2.dta
GPSGVXSQAQLXR	9 4 4 1	1890	2	650.8007	1299.587	2	31.78	0.0048	GPSGVVSGAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.792.792.2.dta
GPSGVXSQAQLXR	8 9 9 1	1800	2	724.8452	1447.676	2	33.54	0.0048	GPSGVVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1056.1056.2.dta
GPSGVXSQAQLXR	1 2 9 1	260	3	477.545	1429.613	3	28.59	0.0048	GPSGDVSEAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.818.818.3.dta
SXPFKXSPFLXFR	7 8 6 1	1574	3	492.2486	1473.724	3	29.98	0.0048	STPFKASPLSFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1364.1364.3.dta
GPSGVXSQAQLXR	3 7 9 1	760	2	717.8383	1433.662	2	34.12	0.0048	GPSGVVSTYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1101.1101.2.dta
GPSGVXSQAQLXR	1 9 5 1	392	2	707.8343	1413.654	2	29.71	0.0048	GPSGVVSAQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1131.1131.2.dta
SXPFKXSPFLXFR	6 5 5 1	1312	2	750.8952	1499.776	2	27.58	0.0047	SSPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1283.1283.2.dta
SXPFKXSPFLXFR	5 0 8 0	1017	2	749.8955	1497.777	2	25	0.0047	SLPFKASPLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1479.1479.2.dta
GPSGVXSQAQLXR	3 9 3 0	787	3	503.5695	1507.687	3	29.34	0.0047	GPSGFVSYAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1743.1743.3.dta
SXPFKXSPFLXFR	7 5 2 1	1506	2	765.8847	1529.755	2	25.46	0.0047	STPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1506.1506.2.dta
GPSGVXSQAQLXR	6 9 3 1	1388	2	710.8278	1419.641	2	31.77	0.0047	GPSGVVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1161.1161.2.dta
SXPFKXSPFLXFR	4 4 2 0	885	3	486.8976	1457.671	3	30.56	0.0047	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.908.908.3.dta
GPSGVXSQAQLXR	9 5 9 1	1920	2	731.854	1461.694	2	31.51	0.0047	GPSGVVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1260.1260.2.dta
SXPFKXSPFLXFR	4 6 3 1	928	2	739.8585	1477.702	2	31.88	0.0046	SGPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1336.1336.2.dta
SXPFKXSPFLXFR	2 3 9 0	479	3	552.2592	1653.756	3	26.93	0.0046	SEPFKASPLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1525.1525.3.dta
SXPFKXSPFLXFR	9 0 2 0	1805	2	789.8691	1577.724	2	31.9	0.0046	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1043.1043.2.dta
GPSGVXSQAQLXR	3 0 6 1	614	2	664.8161	1327.618	2	31.06	0.0046	GPSGFVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V.942.942.2.dta
GPSGVXSQAQLXR	8 5 5 1	1712	3	450.2462	1347.717	3	28.2	0.0045	GPSGVVSAQAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1738.1738.3.dta
GPSGVXSQAQLXR	1 8 7 0	375	2	683.8185	1365.623	2	31.39	0.0045	GPSGDVSAQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.931.931.2.dta
SXPFKXSPFLXFR	8 9 2 0	1785	2	803.8875	1605.76	2	30.22	0.0045	SVPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1148.1148.2.dta
SXPFKXSPFLXFR	0 1 5 0	31	2	757.8716	1513.729	2	32.86	0.0045	SAPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1256.1256.2.dta
SXPFKXSPFLXFR	9 9 4 0	1989	2	799.8744	1597.734	2	25.65	0.0045	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1440.1440.2.dta
SXPFKXSPFLXFR	5 5 1 0	1103	2	778.8975	1555.781	2	29.11	0.0044	SLPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1394.1394.2.dta
SXPFKXSPFLXFR	2 6 9 0	539	2	797.8672	1593.72	2	31.06	0.0044	SEPFKASPLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1180.1180.2.dta
GPSGVXSQAQLXR	3 4 6 0	693	2	671.8096	1341.605	2	30	0.0044	GPSGVVSGAQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1064.1064.2.dta
SXPFKXSPFLXFR	5 5 5 0	1111	3	518.9541	1553.841	3	24.91	0.0044	SLPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1764.1764.3.dta
GPSGVXSQAQLXR	3 8 3 0	767	3	482.2371	1443.69	3	29.6	0.0044	GPSGFVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1361.1361.3.dta
GPSGVXSQAQLXR	5 2 0 0	1041	3	455.557	1363.649	3	28.25	0.0044	GPSGVVSEAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.935.935.3.dta
SXPFKXSPFLXFR	3 5 3 0	707	3	541.6096	1621.807	3	24.66	0.0043	SGPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1369.1369.3.dta
SXPFKXSPFLXFR	0 9 9 1	1200	2	792.8786	1583.743	2	30.18	0.0042	SAPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1021.1021.2.dta
GPSGVXSQAQLXR	2 8 2 0	565	3	470.2203	1407.639	3	31.83	0.0042	GPSGEVSAQAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1016.1016.3.dta
SXPFKXSPFLXFR	5 3 3 1	1068	3	532.2745	1593.802	3	25.9	0.0042	SLPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1780.1780.3.dta
GPSGVXSQAQLXR	0 2 9 1	60	2	693.8201	1385.626	2	31.86	0.0041	GPSGAVSEAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.839.839.3.dta
GPSGVXSQAQLXR	9 5 6 1	1914	2	693.8373	1385.66	2	34.71	0.0041	GPSGVVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1122.1122.2.dta
GPSGVXSQAQLXR	7 3 3 1	1468	2	709.8401	1417.666	2	31.67	0.0041	GPSGVVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1322.1322.2.dta
SXPFKXSPFLXFR	5 3 8 0	1077	3	525.6097	1573.807	3	23.95	0.004	SLPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1308.1308.3.dta
GPSGVXSQAQLXR	5 5 2 0	1105	2	703.8555	1405.697	2	32.5	0.004	GPSGLVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1269.1269.2.dta
SXPFKXSPFLXFR	1 3 0 0	261	3	516.9137	1547.719	3	29.51	0.004	SDPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1193.1193.3.dta
GPSGVXSQAQLXR	6 9 9 1	1400	2	718.827	1435.64	2	35.32	0.004	GPSGVVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.906.906.2.dta
GPSGVXSQAQLXR	0 9 1 1	184	2	686.8119	1371.609	2	32.41	0.004	GPSGAVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.865.865.2.dta
GPSGVXSQAQLXR	1 1 7 0	235	2	691.8031	1381.592	2	28.56	0.004	GPSGDVSDAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.817.817.2.dta
SXPFKXSPFLXFR	9 7 3 0	1947	3	542.9304	1625.769	3	26.5	0.004	SYPFKASPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1796.1796.3.dta
GPSGVXSQAQLXR	9 7 6 1	1954	2	687.8195	1373.625	2	36.21	0.004	GPSGVVSTYAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.824.824.2.dta
SXPFKXSPFLXFR	0 5 8 0	117	2	749.895	1497.775	2	25.81	0.0039	SAPFKASPLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1261.1261.2.dta
SXPFKXSPFLXFR	4 3 5 1	872	2	752.8854	1503.756	2	26.68	0.0039	SGPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1713.1713.2.dta

GPSGXVSAQXLR 0 1 0 39	1	467.5471	1399.62	3	32.59	0.0033	GPSGAVSQAQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.892.892.3.dta
SXPFKXSPXLFGR 7 8 1 1564	1	751.8691	1501.724	2	31.21	0.0033	STPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1138.1138.2.dta
GPSGXVSAQXLR 2 6 1 1524	1	677.7996	1353.585	2	26.93	0.0033	GPSGVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.698.698.2.dta
GPSGXVSAQXLR 0 3 4 170	1	649.8099	1297.605	2	33.02	0.0033	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1004.1004.2.dta
SXPFKXSPXLFGR 8 3 8 1678	1	511.6033	1531.788	3	27.42	0.0033	SVPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1186.1186.3.dta
SXPFKXSPXLFGR 6 9 1 1384	1	518.2408	1551.701	3	30.05	0.0033	STPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1252.1252.3.dta
GPSGXVSAQXLR 3 3 2 1666	1	723.8372	1445.66	2	33.28	0.0033	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1315.1315.2.dta
GPSGXVSAQXLR 0 6 2 1126	1	655.8046	1309.595	2	31.33	0.0033	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.697.697.2.dta
SXPFKXSPXLFGR 9 9 9 1200	1	838.8909	1675.767	2	24.9	0.0032	SYPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1459.1459.2.dta
SXPFKXSPXLFGR 4 6 9 0939	1	508.2392	1521.696	3	34.68	0.0032	SGPFKXSPVLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.928.928.3.dta
SXPFKXSPXLFGR 0 8 1 0163	1	750.864	1499.714	2	33.78	0.0032	SAPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1117.1117.2.dta
GPSGXVSAQXLR 9 0 9 1820	1	710.8295	1419.645	2	34.06	0.0032	GPSGVSSAQLYK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1178.1178.2.dta
SXPFKXSPXLFGR 0 1 0 122	1	482.2361	1443.686	3	34.05	0.0032	SAPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.988.988.3.dta
GPSGXVSAQXLR 4 5 0 1902	1	422.2144	1263.621	3	29.02	0.0032	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.942.942.3.dta
SXPFKXSPXLFGR 5 1 3 11028	1	521.5932	1561.758	3	31.05	0.0032	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1416.1416.3.dta
GPSGXVSAQXLR 3 3 0 1662	1	694.8329	1387.651	2	33.74	0.0032	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1282.1282.2.dta
SXPFKXSPXLFGR 0 5 1 0103	1	757.8719	1513.729	2	34.41	0.0031	SAPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1203.1203.2.dta
GPSGXVSAQXLR 9 1 1 01823	1	482.2078	1443.602	3	30.54	0.0031	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V.817.817.3.dta
GPSGXVSAQXLR 5 0 2 1006	1	668.83	1335.646	2	32.77	0.0031	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.961.961.2.dta
SXPFKXSPXLFGR 5 6 5 01131	1	764.9008	1527.787	2	26.94	0.0031	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1712.1712.2.dta
SXPFKXSPXLFGR 2 3 2 1466	1	531.5834	1591.728	3	26.89	0.0031	SEPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1446.1446.3.dta
GPSGXVSAQXLR 0 0 4 09	1	625.8002	1249.586	2	25.21	0.003	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.849.849.2.dta
SXPFKXSPXLFGR 7 6 9 1540	1	513.5798	1537.718	3	28.71	0.003	STPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_425V.909.909.3.dta
SXPFKXSPXLFGR 7 8 2 01565	1	772.8771	1543.74	2	33.86	0.003	STPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1091.1091.2.dta
GPSGXVSAQXLR 6 5 5 11312	1	668.8476	1335.681	2	33.14	0.003	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1665.1665.2.dta
GPSGXVSAQXLR 9 0 7 1816	1	679.8234	1357.632	2	37.35	0.003	GPSGVSSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.873.873.2.dta
GPSGXVSAQXLR 0 3 4 170	1	649.8104	1297.606	2	33.37	0.003	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.996.996.2.dta
GPSGXVSAQXLR 9 9 8 11998	1	483.566	1447.676	3	35.62	0.003	GPSGVSSAQLVYK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1038.1038.3.dta
SXPFKXSPXLFGR 1 9 5 01391	1	536.26	1605.758	3	32.29	0.003	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1471.1471.3.dta
SXPFKXSPXLFGR 5 8 0 11162	1	490.9306	1469.77	3	31.01	0.0029	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1420.1420.3.dta
SXPFKXSPXLFGR 1 0 1 0203	1	506.2322	1515.675	3	33.9	0.0029	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1220.1220.3.dta
GPSGXVSAQXLR 4 4 4 1890	1	597.7795	1193.544	2	31.61	0.0029	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.741.741.2.dta
GPSGXVSAQXLR 3 0 5 1612	1	677.8423	1353.67	2	33.72	0.0029	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1240.1240.2.dta
GPSGXVSAQXLR 0 3 1 164	1	678.8127	1355.611	2	35.4	0.0029	GPSGVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1052.1052.2.dta
GPSGXVSAQXLR 0 3 2 166	1	685.8195	1369.624	2	32.45	0.0029	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1057.1057.2.dta
GPSGXVSAQXLR 1 8 8 01377	1	682.8325	1363.65	2	30.02	0.0029	GPSGVSSAQLVYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1016.1016.2.dta
GPSGXVSAQXLR 0 3 5 172	1	677.8411	1353.668	2	33.83	0.0028	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1312.1312.2.dta
SXPFKXSPXLFGR 2 2 2 0445	1	534.9099	1601.708	3	28.5	0.0028	SEPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.927.927.3.dta
GPSGXVSAQXLR 1 5 4 1310	1	654.8151	1307.616	2	32.78	0.0028	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1130.1130.2.dta
GPSGXVSAQXLR 9 3 6 1874	1	710.8311	1419.648	2	34.63	0.0028	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1392.1392.2.dta
GPSGXVSAQXLR 3 7 5 1752	1	692.8493	1383.684	2	32.16	0.0028	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1186.1186.2.dta
GPSGXVSAQXLR 7 2 4 01449	1	446.8724	1337.595	3	32.23	0.0028	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.743.743.3.dta
GPSGXVSAQXLR 4 3 9 1880	1	695.824	1389.634	2	35	0.0028	GPSGVSSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1096.1096.2.dta
GPSGXVSAQXLR 5 5 3 01107	1	475.5836	1423.729	3	28.97	0.0027	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1972.1972.3.dta
SXPFKXSPXLFGR 5 8 0 11162	1	490.9304	1469.769	3	31.21	0.0027	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1148.1148.3.dta
GPSGXVSAQXLR 3 9 3 1788	1	740.8481	1479.682	2	35.76	0.0027	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1364.1364.2.dta
GPSGXVSAQXLR 7 8 3 11568	1	685.8398	1369.665	2	33.48	0.0027	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1185.1185.2.dta
SXPFKXSPXLFGR 0 1 9 140	1	512.9083	1535.703	3	34.81	0.0027	SAPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.923.923.3.dta
GPSGXVSAQXLR 1 9 8 1398	1	700.8295	1399.645	2	33.17	0.0027	GPSGVSSAQLVYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1016.1016.2.dta
SXPFKXSPXLFGR 9 6 2 11926	1	522.9119	1565.714	3	29.59	0.0027	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.996.996.3.dta
SXPFKXSPXLFGR 2 2 7 1456	1	516.2441	1545.71	3	25.73	0.0027	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1024.1024.3.dta
GPSGXVSAQXLR 4 6 3 1928	1	657.808	1313.601	2	33.96	0.0027	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1004.1004.2.dta
GPSGXVSAQXLR 3 4 6 1694	1	657.8085	1313.602	2	33.88	0.0027	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.891.891.2.dta
SXPFKXSPXLFGR 4 9 3 1988	1	518.9174	1553.73	3	31.76	0.0026	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1115.1115.3.dta
SXPFKXSPXLFGR 5 9 1 01183	1	536.2596	1605.757	3	32.85	0.0026	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1137.1137.3.dta
SXPFKXSPXLFGR 9 9 9 01999	1	568.932	1703.774	3	25.87	0.0026	SVPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1360.1360.3.dta
SXPFKXSPXLFGR 6 2 1 01243	1	516.2346	1545.682	3	31.39	0.0026	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.948.948.3.dta
SXPFKXSPXLFGR 4 5 6 1914	1	482.2455	1443.715	3	34.09	0.0026	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1348.1348.3.dta
GPSGXVSAQXLR 2 3 5 0471	1	720.8483	1439.682	2	31.05	0.0026	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1753.1753.2.dta
SXPFKXSPXLFGR 4 1 9 1840	1	508.2372	1521.69	3	34.84	0.0026	SVPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.954.954.3.dta
GPSGXVSAQXLR 1 3 9 1280	1	724.8242	1447.634	2	32.24	0.0026	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1118.1118.2.dta
GPSGXVSAQXLR 6 3 6 11274	1	672.8118	1343.609	2	29.35	0.0026	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.952.952.2.dta
GPSGXVSAQXLR 3 5 6 1714	1	685.8397	1369.665	2	33.75	0.0026	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1200.1200.2.dta
GPSGXVSAQXLR 7 3 3 11468	1	709.8394	1417.664	2	32.05	0.0026	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1362.1362.2.dta
GPSGXVSAQXLR 0 4 7 196	1	626.8007	1251.587	2	31.09	0.0026	GPSGAVSQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.754.754.2.dta
GPSGXVSAQXLR 3 5 9 1720	1	482.9057	1445.695	3	32.85	0.0025	GPSGVSSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1242.1242.3.dta
SXPFKXSPXLFGR 3 8 9 0779	1	542.2668	1623.779	3	25.98	0.0025	SVPFKXSPVLFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1201.1201.3.dta
SXPFKXSPXLFGR 5 9 2 01185	1	540.9318	1619.774	3	31.14	0.0025	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1390.1390.3.dta
SXPFKXSPXLFGR 3 8 2 0765	1	795.8864	1589.758	2	31.7	0.0025	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1322.1322.2.dta
SXPFKXSPXLFGR 4 3 1 1864	1	502.9061	1505.697	3	32.23	0.0025	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1172.1172.3.dta
SXPFKXSPXLFGR 6 2 4 1250	1	730.8428	1459.671	2	32.83	0.0025	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.898.898.2.dta
GPSGXVSAQXLR 4 9 5 1992	1	678.8322	1355.65	2	33.85	0.0025	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1139.1139.2.dta
GPSGXVSAQXLR 1 9 3 0387	1	738.8266	1475.639	2	32.12	0.0025	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1152.1152.2.dta
GPSGXVSAQXLR 9 8 3 01967	1	487.5685	1459.684	3	32.3	0.0024	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1259.1259.3.dta
SXPFKXSPXLFGR 4 9 3 1988	1	518.9182	1553.733	3	31.7	0.0024	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1124.1124.3.dta
SXPFKXSPXLFGR 4 0 4 1810	1	686.8383	1371.662	2	30.8	0.0024	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1119.1119.2.dta
SXPFKXSPXLFGR 4 7 1 01943	1	496.8991	1487.675	3	35.27	0.0024	SVPFKXSPDLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.961.961.3.dta
GPSGXVSAQXLR 8 5 3 1708	1	461.5737	1381.699	3	33.58	0.0024	GPSGVSSA			

SXPFKXSLXFLXGR	6 3 5 0	1271	1	781.8924	1561.77	2	30.81	0.0022	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1384.1384.2.dta
GPSGVXSAQXLR	3 5 9 1	1720	1	723.8541	1445.694	2	34.11	0.0021	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1321.1321.2.dta
GPSGVXSAQXLR	2 5 2 0	505	1	711.8329	1421.651	2	34.02	0.0021	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1045.1045.2.dta
SXPFKXSLXFLXGR	7 1 2 0	1425	1	780.8563	1559.698	2	32.33	0.0021	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.945.945.2.dta
GPSGVXSAQXLR	1 2 9 0	259	1	486.8802	1457.619	3	33.17	0.0021	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.832.832.3.dta
SXPFKXSLXFLXGR	3 3 0 2	65	1	781.8713	1561.728	2	32.06	0.0021	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1210.1210.2.dta
SXPFKXSLXFLXGR	5 4 2 1	1086	1	496.2498	1485.728	3	35.37	0.0021	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1019.1019.3.dta
GPSGVXSAQXLR	1 1 1 1	1224	1	684.7903	1367.566	2	30.03	0.0021	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.738.738.2.dta
SXPFKXSLXFLXGR	5 0 1 0	1003	1	757.8729	1513.731	2	36.22	0.002	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1177.1177.2.dta
GPSGVXSAQXLR	0 3 5 1	172	1	677.8444	1353.674	2	32.69	0.002	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1736.1736.2.dta
GPSGVXSAQXLR	3 5 9 0	1719	1	737.8595	1473.704	2	32.62	0.002	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1783.1783.2.dta
SXPFKXSLXFLXGR	3 3 0 1	662	1	776.8844	1551.754	2	27.31	0.002	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1418.1418.2.dta
SXPFKXSLXFLXGR	4 7 8 1	1958	1	482.248	1443.722	3	32.88	0.002	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_45.1108.1108.3.dta
GPSGVXSAQXLR	2 3 9 1	1480	1	731.8311	1461.648	2	32.12	0.002	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1167.1167.2.dta
SXPFKXSLXFLXGR	9 7 9 0	1959	1	821.884	1641.753	2	30.16	0.002	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1101.1101.2.dta
GPSGVXSAQXLR	7 9 3 0	1587	1	488.2309	1461.671	3	32.55	0.002	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1467.1467.3.dta
GPSGVXSAQXLR	3 3 5 0	671	1	729.8617	1457.709	2	31.28	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2047.2047.2.dta
SXPFKXSLXFLXGR	4 5 4 1	910	1	707.8602	1413.706	2	33.45	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1192.1192.2.dta
SXPFKXSLXFLXGR	3 0 0 1	602	1	492.9151	1475.724	3	27.16	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1101.1101.3.dta
SXPFKXSLXFLXGR	8 3 8 0	1677	1	520.9376	1559.791	3	27.14	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1578.1578.3.dta
SXPFKXSLXFLXGR	6 4 9 1	1300	1	747.8547	1493.695	2	36.94	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.972.972.2.dta
GPSGVXSAQXLR	5 4 3 0	1087	1	456.8934	1367.658	3	34.38	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1410.1410.3.dta
SXPFKXSLXFLXGR	3 3 0 2	1865	1	827.885	1653.756	2	30.73	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1339.1339.2.dta
GPSGVXSAQXLR	9 9 3 1	1988	1	499.5651	1495.674	3	36.72	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1187.1187.3.dta
GPSGVXSAQXLR	9 1 9 1	1840	1	732.826	1463.638	2	34.67	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.986.986.2.dta
GPSGVXSAQXLR	5 4 2 1	1086	1	661.8223	1321.63	2	35.25	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.896.896.2.dta
SXPFKXSLXFLXGR	1 2 6 0	253	1	773.8477	1545.681	2	32.74	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1011.1011.2.dta
SXPFKXSLXFLXGR	3 3 3 0	667	1	552.9387	1655.794	3	27.16	0.0019	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1860.1860.3.dta
GPSGVXSAQXLR	9 0 3 1	1808	1	702.8327	1403.651	2	36.48	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1511.1511.2.dta
GPSGVXSAQXLR	3 5 7 1	1716	1	692.8477	1383.681	2	34.22	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1340.1340.2.dta
GPSGVXSAQXLR	6 9 6 1	1394	1	680.8113	1359.608	2	37.78	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.800.800.2.dta
GPSGVXSAQXLR	4 6 8 0	1937	1	647.8128	1293.611	2	34.8	0.0019	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.984.984.2.dta
GPSGVXSAQXLR	5 3 5 0	1071	1	475.5807	1423.72	3	30.98	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1394.1394.3.dta
SXPFKXSLXFLXGR	4 5 3 1	1908	1	502.2582	1503.753	3	30.59	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1588.1588.3.dta
SXPFKXSLXFLXGR	2 2 9 1	1460	1	804.87	1607.725	2	30.44	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.995.995.2.dta
GPSGVXSAQXLR	8 5 6 0	1713	1	675.8432	1349.672	2	32.22	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1086.1086.2.dta
GPSGVXSAQXLR	2 2 5 0	451	1	711.8342	1421.654	2	33.73	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.954.954.2.dta
GPSGVXSAQXLR	9 1 4 0	1883	1	462.8727	1385.596	3	34.35	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.803.803.3.dta
SXPFKXSLXFLXGR	2 3 2 0	465	1	810.8732	1619.732	2	30.11	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1284.1284.2.dta
SXPFKXSLXFLXGR	6 3 0 0	1261	1	760.868	1519.721	2	31.16	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1272.1272.2.dta
GPSGVXSAQXLR	0 4 9 1	1100	1	657.8081	1313.602	2	35.59	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.812.812.2.dta
GPSGVXSAQXLR	3 0 9 1	1620	1	702.8304	1403.646	2	35.85	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1097.1097.2.dta
SXPFKXSLXFLXGR	1 0 6 0	213	1	744.846	1487.678	2	33.17	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1025.1025.2.dta
SXPFKXSLXFLXGR	0 1 8 1	38	1	491.5778	1471.712	3	35.76	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1033.1033.3.dta
GPSGVXSAQXLR	9 8 6 1	1974	1	686.83	1371.646	2	37.51	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.979.979.2.dta
GPSGVXSAQXLR	9 9 2 1	1986	1	739.8347	1477.655	2	34.86	0.0018	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1007.1007.2.dta
SXPFKXSLXFLXGR	6 9 4 0	1389	1	761.8574	1521.7	2	33.64	0.0018	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1096.1096.2.dta
GPSGVXSAQXLR	5 5 3 1	1108	1	466.2461	1395.716	3	32.35	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1450.1450.3.dta
SXPFKXSLXFLXGR	5 5 5 1	1112	1	763.9238	1525.833	2	27.78	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1477.1477.2.dta
GPSGVXSAQXLR	5 5 9 0	1119	1	720.8668	1439.719	2	30.94	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1190.1190.2.dta
GPSGVXSAQXLR	0 5 8 1	118	1	653.8423	1305.67	2	34.01	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1298.1298.2.dta
SXPFKXSLXFLXGR	1 5 1 0	303	1	779.8693	1557.724	2	36.71	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1328.1328.2.dta
SXPFKXSLXFLXGR	1 0 1 0	203	1	506.2319	1515.674	3	36.22	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1010.1010.3.dta
SXPFKXSLXFLXGR	1 3 1 0	263	1	531.5761	1591.707	3	32.38	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1228.1228.3.dta
GPSGVXSAQXLR	4 0 4 1	810	1	604.788	1207.562	2	27.57	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.802.802.2.dta
GPSGVXSAQXLR	9 4 2 1	1886	1	686.8115	1371.609	2	36.01	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.820.820.2.dta
SXPFKXSLXFLXGR	5 4 1 0	1083	1	500.9117	1499.713	3	36.61	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1025.1025.3.dta
GPSGVXSAQXLR	3 2 1 1	644	1	707.8172	1413.62	2	34.61	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.990.990.2.dta
SXPFKXSLXFLXGR	2 8 2 0	565	1	786.874	1571.734	2	34.31	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1102.1102.2.dta
SXPFKXSLXFLXGR	2 0 9 1	420	1	517.5825	1549.726	3	36.73	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.951.951.3.dta
SXPFKXSLXFLXGR	7 2 2 0	1445	1	787.8644	1573.714	2	34.12	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.941.941.2.dta
GPSGVXSAQXLR	2 1 6 1	434	1	677.7975	1353.58	2	32.9	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.730.730.2.dta
SXPFKXSLXFLXGR	8 3 0 0	1661	1	511.5929	1531.757	3	32.08	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1524.1524.3.dta
SXPFKXSLXFLXGR	9 8 0 0	1961	1	774.885	1547.756	2	32.03	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1140.1140.2.dta
GPSGVXSAQXLR	3 6 5 1	732	1	685.8405	1369.666	2	34.84	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1127.1127.2.dta
SXPFKXSLXFLXGR	7 8 6 0	1573	1	751.8716	1501.729	2	34.74	0.0017	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1093.1093.2.dta
GPSGVXSAQXLR	3 8 7 1	776	1	685.8397	1369.665	2	35.44	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1220.1220.2.dta
GPSGVXSAQXLR	5 9 7 1	1196	1	700.8441	1399.674	2	38.91	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1089.1089.2.dta
GPSGVXSAQXLR	9 1 6 1	1834	1	694.8083	1387.602	2	35.4	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.791.791.2.dta
GPSGVXSAQXLR	4 0 3 0	807	1	663.8113	1325.608	2	36.05	0.0017	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1363.1363.2.dta
GPSGVXSAQXLR	3 5 9 1	1720	1	723.8552	1445.696	2	35.64	0.0016	GPSGVXSAQXLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1287.1287.2.dta
SXPFKXSLXFLXGR	8 3 1 0	1663	1	526.2545	1575.742	3	32.82	0.0016	SXPFKXSLXFLXGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1383.1383.3.dta
SXPFKXSLXFLXGR	5 4 5 1	1092	1	490.9308	1469.77	3	32.81	0.0016	SXPFKXSL			

SXPFKXSPLXFRG	9 9 2 1	1986	1	548.2573	1641.75	3	28.39	0.0014	SYPFKYSPLFEGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1293.1293.3.dta
GPSGVXSQAQLXR	5 0 9 1	1020	1	457.5622	1369.665	3	36.26	0.0014	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1241.1241.3.dta
SXPFKXSPLXFRG	5 6 9 1	1140	1	517.5942	1549.761	3	33.97	0.0014	SLPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1035.1035.3.dta
GPSGVXSQAQLXR	6 9 3 0	1387	1	483.5583	1447.653	3	36.41	0.0014	GPSGSVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1368.1368.3.dta
GPSGVXSQAQLXR	0 4 7 0	195	1	640.8035	1279.592	2	35.53	0.0014	GPSGAVSQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.745.745.2.dta
GPSGVXSQAQLXR	0 3 7 1	176	1	671.825	1341.635	2	34.47	0.0014	GPSGVSFAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1049.1049.2.dta
GPSGVXSQAQLXR	6 3 4 1	1270	1	657.8079	1313.601	2	36.73	0.0014	GPSGSVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.971.971.2.dta
GPSGVXSQAQLXR	7 9 3 0	1587	1	488.2307	1461.67	3	34.22	0.0014	GPSGTVSQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1483.1483.3.dta
GPSGVXSQAQLXR	1 9 6 1	394	1	694.8087	1387.603	2	36.18	0.0014	GPSGVDVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.809.809.2.dta
SXPFKXSPLXFRG	1 2 9 1	260	1	532.2435	1593.709	3	32.56	0.0014	SDPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.990.990.3.dta
GPSGVXSQAQLXR	5 4 9 0	1099	1	692.8363	1383.658	2	32.73	0.0014	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1040.1040.2.dta
SXPFKXSPLXFRG	9 9 1 1	1840	1	814.8734	1627.732	2	29.68	0.0013	SYPFKDSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1091.1091.2.dta
SXPFKXSPLXFRG	4 0 1 1	804	1	477.5617	1429.663	3	36.75	0.0013	SDPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.954.954.3.dta
SXPFKXSPLXFRG	5 4 5 1	1092	1	490.9298	1469.768	3	34.4	0.0013	SLPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1189.1189.3.dta
GPSGVXSQAQLXR	6 8 5 1	1372	1	661.8386	1321.663	2	35.95	0.0013	GPSGSVSAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1469.1469.2.dta
GPSGVXSQAQLXR	6 5 5 1	1312	1	668.8481	1335.682	2	36.75	0.0013	GPSGSVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1231.1231.2.dta
GPSGVXSQAQLXR	2 8 0 1	562	1	661.8226	1321.631	2	36.93	0.0013	GPSGSVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.882.882.2.dta
GPSGVXSQAQLXR	1 8 8 1	378	1	668.8308	1335.647	2	36.47	0.0013	GPSGSVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1009.1009.2.dta
GPSGVXSQAQLXR	5 3 0 1	1062	1	452.2305	1353.67	3	37.16	0.0013	GPSGLVSAQLAK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1528.1528.3.dta
SXPFKXSPLXFRG	9 5 6 0	1913	1	789.893	1577.772	2	32.37	0.0013	SYPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1288.1288.2.dta
SXPFKXSPLXFRG	9 3 3 0	1867	1	836.9013	1671.788	2	30.71	0.0013	SYPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1864.1864.2.dta
GPSGVXSQAQLXR	9 3 5 1	1872	1	723.8575	1445.701	2	35.81	0.0013	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1856.1856.2.dta
SXPFKXSPLXFRG	4 3 4 1	1870	1	724.8536	1447.693	2	29.53	0.0013	GSPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1544.1544.2.dta
GPSGVXSQAQLXR	0 1 6 1	34	1	648.7927	1295.571	2	36.87	0.0013	GPSGAVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.719.719.2.dta
GPSGVXSQAQLXR	2 0 1 1	404	1	669.8036	1337.593	2	37.72	0.0013	GPSGSVSAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.823.823.2.dta
GPSGVXSQAQLXR	9 5 4 1	1910	1	678.832	1355.649	2	36.59	0.0013	GPSGVVSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1359.1359.2.dta
GPSGVXSQAQLXR	2 3 9 0	479	1	745.8353	1489.656	2	35.39	0.0013	GPSGSVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1147.1147.2.dta
SXPFKXSPLXFRG	4 0 9 0	819	1	753.8633	1505.712	2	34.53	0.0012	SXPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1240.1240.2.dta
SXPFKXSPLXFRG	4 2 9 0	859	1	522.2436	1563.709	3	36.75	0.0012	SXPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1019.1019.3.dta
SXPFKXSPLXFRG	6 5 1 0	1303	1	510.9167	1529.728	3	36.83	0.0012	SXPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1127.1127.3.dta
GPSGVXSQAQLXR	0 5 3 1	108	1	677.8427	1353.671	2	35.03	0.0012	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1360.1360.2.dta
SXPFKXSPLXFRG	8 9 9 0	1799	1	820.8975	1639.781	2	29.35	0.0012	SXPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1190.1190.2.dta
SXPFKXSPLXFRG	3 9 3 1	788	1	548.933	1643.777	3	35.42	0.0012	SXPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1243.1243.2.dta
SXPFKXSPLXFRG	2 2 8 0	457	1	786.876	1571.738	2	35.99	0.0012	SXPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1020.1020.2.dta
GPSGVXSQAQLXR	8 2 6 0	1653	1	683.822	1365.629	2	35.89	0.0012	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.825.825.2.dta
GPSGVXSQAQLXR	4 3 5 0	871	1	684.8372	1367.66	2	35.46	0.0012	GPSGSVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1379.1379.2.dta
GPSGVXSQAQLXR	1 9 1 1	384	1	708.8049	1415.595	2	32.58	0.0012	GPSGVDVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.803.803.2.dta
GPSGVXSQAQLXR	6 2 1 1	1244	1	452.2009	1353.581	3	34.57	0.0012	GPSGSVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.735.735.3.dta
GPSGVXSQAQLXR	5 8 1 1	1164	1	675.8377	1349.661	2	37.05	0.0012	GPSGLVSAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1339.1339.2.dta
GPSGVXSQAQLXR	1 8 3 1	368	1	692.8283	1383.642	2	37.04	0.0012	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1210.1210.2.dta
GPSGVXSQAQLXR	3 2 9 0	659	1	745.8376	1489.661	2	35.76	0.0012	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1076.1076.2.dta
GPSGVXSQAQLXR	6 4 3 1	1288	1	657.8073	1313.6	2	37.58	0.0012	GPSGSVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.956.956.2.dta
SXPFKXSPLXFRG	6 9 6 0	1393	1	776.8618	1551.709	2	34.5	0.0012	SXPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1064.1064.2.dta
GPSGVXSQAQLXR	1 8 7 1	376	1	669.8203	1337.626	2	35.22	0.0012	GPSGVDVSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.816.816.2.dta
SXPFKXSPLXFRG	1 5 3 0	307	1	795.8907	1589.767	2	34.47	0.0012	SDPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1480.1480.2.dta
SXPFKXSPLXFRG	0 9 3 0	187	1	798.884	1595.574	2	30.5	0.0012	SAPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1252.1252.2.dta
GPSGVXSQAQLXR	8 5 2 1	1706	1	682.845	1363.676	2	36.5	0.0012	GPSGVVSAQLLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1162.1162.2.dta
SXPFKXSPLXFRG	4 3 2 1	866	1	507.5765	1519.708	3	36.45	0.0012	SXPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1421.1421.3.dta
GPSGVXSQAQLXR	5 5 9 1	1120	1	706.8632	1411.712	2	35.79	0.0011	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1392.1392.2.dta
SXPFKXSPLXFRG	4 9 9 1	1000	1	524.249	1569.725	3	36.62	0.0011	SXPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1045.1045.3.dta
SXPFKXSPLXFRG	2 9 1 0	583	1	541.5792	1621.716	3	34.71	0.0011	SXPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1040.1040.3.dta
SXPFKXSPLXFRG	3 8 1 0	763	1	526.2558	1575.746	3	34.32	0.0011	SXPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1200.1200.3.dta
GPSGVXSQAQLXR	9 4 2 1	1886	1	458.2091	1371.606	3	38.14	0.0011	GPSGVVSAQLLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.787.787.3.dta
SXPFKXSPLXFRG	7 5 2 1	1506	1	510.9245	1529.572	3	31.63	0.0011	STPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1373.1373.3.dta
GPSGVXSQAQLXR	5 9 3 1	1188	1	723.8558	1445.697	2	37.24	0.0011	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1281.1281.2.dta
SXPFKXSPLXFRG	5 7 9 1	1160	1	522.2664	1563.777	3	32.45	0.0011	SLPFKSSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1076.1076.3.dta
SXPFKXSPLXFRG	3 1 3 1	628	1	532.9224	1595.745	3	31.6	0.0011	SXPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1708.1708.3.dta
GPSGVXSQAQLXR	9 9 9 1	2000	1	756.8422	1511.67	2	37.87	0.0011	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1032.1032.2.dta
GPSGVXSQAQLXR	8 0 6 1	1614	1	640.8156	1279.617	2	34.34	0.0011	GPSGSVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.824.824.2.dta
SXPFKXSPLXFRG	0 5 6 1	114	1	486.9182	1457.733	3	37.04	0.0011	SAPFKLSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1345.1345.3.dta
GPSGVXSQAQLXR	5 9 2 1	1186	1	714.8441	1427.674	2	35.22	0.0011	GPSGVVSAQLLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1130.1130.2.dta
GPSGVXSQAQLXR	2 4 4 1	490	1	633.7924	1265.57	2	40.62	0.0011	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.722.722.2.dta
GPSGVXSQAQLXR	6 9 8 1	1398	1	686.8298	1371.645	2	39.85	0.0011	GPSGSVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.944.944.2.dta
SXPFKXSPLXFRG	6 8 4 1	1370	1	477.5734	1429.698	3	37.11	0.0011	SXPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1205.1205.3.dta
GPSGVXSQAQLXR	8 9 6 1	1794	1	686.8304	1371.646	2	39.93	0.0011	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.917.917.2.dta
GPSGVXSQAQLXR	6 8 9 0	1379	1	700.829	1399.644	2	36.37	0.0011	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.960.960.2.dta
SXPFKXSPLXFRG	2 2 2 1	446	1	525.5758	1573.706	3	31.78	0.0011	SXPFKESPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1028.1028.3.dta
GPSGVXSQAQLXR	5 5 8 1	1118	1	674.8677	1347.721	2	34.79	0.0011	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1437.1437.2.dta
SXPFKXSPLXFRG	9 9 9 1	2000	1	838.8899	1675.765	2	29.79	0.0011	SYPFKYSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1073.1073.2.dta
SXPFKXSPLXFRG	1 5 1 0	303	1	779.8669	1557.719	2	37.59	0.0011	SDPFKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1265.1265.2.dta
SXPFKXSPLXFRG	0 5 5 1	112	1	495.6023	1483.785	3	33.73	0.0011	SAPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1589.1589.3.dta
GPSGVXSQAQLXR	0 5 5 1	112	1	440.902	1319.684	3	35.12	0.0011	GPSGAVSQAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1590.1590.3.dta
GPSGVXSQAQLXR	9 1 7 0	1835	1	715.8176	1429.621	2	36.32	0.0011	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.919.919.2.dta
SXPFKXSPLXFRG	2 9 2 0	585	1	818.8742	1635.734	2	34.08	0.0011	SXPFKSSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1124.112

GPSGXVSAQQLXR 0 9 0 1 182	1	664.8166	1327.619	2	37.29	0.00092	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.889.889.2.dta
GPSGXVSAQQLXR 7 3 1 1748	1	709.8405	1417.666	2	37.17	0.00092	GPSGVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1250.1250.2.dta
GPSGXVSAQQLXR 9 5 9 1 1920	1	731.8552	1461.696	2	38.55	0.00092	GPSGVVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1226.1226.2.dta
GPSGXVSAQQLXR 0 2 1 0 143	1	683.8058	1365.597	2	38.58	0.00091	GPSGAVSQAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.825.825.2.dta
GPSGXVSAQQLXR 0 0 0 1 42	1	618.8038	1235.593	2	30.4	0.00091	GPSGAVSQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.818.818.2.dta
SXPFKXSPFLXFR 2 3 0 0 461	1	781.871	1561.728	2	35.78	0.00091	SEPFKSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1274.1274.2.dta
GPSGXVSAQQLXR 5 5 5 1 1112	1	454.9181	1361.733	3	33.97	0.0009	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1872.1872.3.dta
SXPFKXSPFLXFR 4 6 4 1 930	1	463.5581	1387.653	3	39.25	0.0009	SXPFKXSPFLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.857.857.3.dta
GPSGXVSAQQLXR 0 4 4 0 89	1	618.7903	1235.566	2	42.8	0.0009	GPSGAVSQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.748.748.2.dta
SXPFKXSPFLXFR 9 9 2 0 1985	1	835.885	1669.756	2	30.69	0.0009	SXPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1439.1439.2.dta
GPSGXVSAQQLXR 2 1 2 1 426	1	698.8034	1395.592	2	43.07	0.0008	GPSGLVSLAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.736.736.2.dta
GPSGXVSAQQLXR 8 2 1 0 1660	1	707.8364	1413.658	2	38.02	0.0009	GPSGVVSEAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.930.930.2.dta
SXPFKXSPFLXFR 1 3 1 0 263	1	531.5768	1591.709	3	36.92	0.00088	SDPFKSPDLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1581.1581.3.dta
GPSGXVSAQQLXR 9 4 2 1 1886	1	686.8123	1371.61	2	38.94	0.00088	GPSGVVSGAQLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.882.882.2.dta
GPSGXVSAQQLXR 3 3 9 1 680	1	740.8459	1479.677	2	40.3	0.00088	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1337.1337.2.dta
GPSGXVSAQQLXR 6 3 9 1 1280	1	710.8286	1419.643	2	39.02	0.00088	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V.1106.1106.2.dta
GPSGXVSAQQLXR 5 0 1 1 1004	1	661.8221	1321.63	2	38.54	0.00088	GPSGLVSLAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.948.948.2.dta
GPSGXVSAQQLXR 9 6 3 1 1928	1	710.8292	1419.644	2	39.72	0.00088	GPSGVVSSAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1115.1115.2.dta
GPSGXVSAQQLXR 3 7 3 1 1748	1	709.841	1417.668	2	37.38	0.00088	GPSGVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1212.1212.2.dta
GPSGXVSAQQLXR 1 3 5 1 272	1	699.8384	1397.662	2	37.9	0.00088	GPSGDVSTAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1247.1247.2.dta
GPSGXVSAQQLXR 5 4 5 1 1092	1	653.8417	1305.669	2	36.98	0.00087	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1261.1261.2.dta
GPSGXVSAQQLXR 4 3 3 1 868	1	687.8252	1373.636	2	39.17	0.00087	GPSGVVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1354.1354.2.dta
GPSGXVSAQQLXR 9 9 9 1 2000	1	756.8416	1511.669	2	38.27	0.00085	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V.1041.1041.2.dta
GPSGXVSAQQLXR 0 3 9 1 80	1	702.8314	1403.648	2	39.03	0.00084	GPSGAVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1104.1104.2.dta
GPSGXVSAQQLXR 3 9 7 1 796	1	717.8365	1433.658	2	41.21	0.00084	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1110.1110.2.dta
SXPFKXSPFLXFR 6 9 5 1 1392	1	517.5938	1549.759	3	37.05	0.00083	SEPFKXSPFLFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1356.1356.3.dta
GPSGXVSAQQLXR 6 5 1 1 1304	1	669.8215	1337.628	2	38.09	0.00082	GPSGLVSLAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.983.983.2.dta
GPSGXVSAQQLXR 5 6 5 1 1132	1	668.8465	1335.678	2	37.81	0.00082	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1264.1264.2.dta
SXPFKXSPFLXFR 3 8 0 1 762	1	502.2589	1503.755	3	33.39	0.00082	SXPFKXSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1165.1165.2.dta
SXPFKXSPFLXFR 0 2 5 1 52	1	750.879	1499.744	2	38.28	0.00082	SDPFKXSPFLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1050.1050.3.dta
GPSGXVSAQQLXR 1 9 9 1 400	1	732.8249	1463.635	2	38.04	0.00082	GPSGDVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.922.922.2.dta
GPSGXVSAQQLXR 3 5 9 1 720	1	723.8558	1445.697	2	38.5	0.00081	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1264.1264.2.dta
GPSGXVSAQQLXR 5 9 0 0 1181	1	699.8407	1397.667	2	38.26	0.00081	GPSGVVSTAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1073.1073.2.dta
SXPFKXSPFLXFR 2 6 0 1 522	1	492.2374	1473.69	3	39	0.00081	SEPFKXSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.872.872.3.dta
SXPFKXSPFLXFR 2 2 8 0 457	1	524.9198	1571.738	3	37.72	0.00081	SEPFKXSPFLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1117.1117.3.dta
SXPFKXSPFLXFR 4 2 8 0 857	1	500.9123	1499.715	3	39.58	0.00081	SGPFKXSPFLVFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.947.947.3.dta
GPSGXVSAQQLXR 1 3 3 1 268	1	716.8284	1431.642	2	39.2	0.00081	GPSGDVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1298.1298.2.dta
GPSGXVSAQQLXR 0 4 6 1 94	1	619.7937	1237.573	2	38.23	0.0008	GPSGAVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.714.714.2.dta
SXPFKXSPFLXFR 5 5 0 0 1101	1	504.9362	1511.787	3	34.82	0.00079	SLPFKXSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1209.1209.3.dta
SXPFKXSPFLXFR 0 9 9 0 199	1	806.882	1611.749	2	34.81	0.00079	SAPFKXSPFLYFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1384.1384.2.dta
GPSGXVSAQQLXR 9 7 8 0 1957	1	472.2306	1413.67	3	37.12	0.00079	GPSGVVSTAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1304.1304.3.dta
GPSGXVSAQQLXR 2 0 2 0 405	1	690.8114	1379.608	2	37.67	0.00079	GPSGAVSQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.794.794.2.dta
GPSGXVSAQQLXR 9 6 1 1 1924	1	694.8094	1387.604	2	38.78	0.00079	GPSGVVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.816.816.2.dta
SXPFKXSPFLXFR 0 9 9 1 200	1	528.9216	1583.743	3	37.47	0.00078	SAPFKXSPFLYFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1045.1045.3.dta
SXPFKXSPFLXFR 6 9 9 1 1400	1	534.2526	1599.736	3	35.17	0.00078	SSPFKXSPFLYFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1036.1036.3.dta
SXPFKXSPFLXFR 0 0 8 0 17	1	728.873	1455.731	2	36.44	0.00078	SAPFKXSPFLVFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1239.1239.2.dta
GPSGXVSAQQLXR 1 0 1 1 204	1	662.7899	1323.565	2	40.39	0.00078	GPSGDVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.778.778.2.dta
GPSGXVSAQQLXR 9 3 3 1 1868	1	740.8463	1479.678	2	40.88	0.00077	GPSGVVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1385.1385.2.dta
SXPFKXSPFLXFR 0 3 1 0 63	1	774.8638	1547.713	2	37.46	0.00077	SAPFKXSPDLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1241.1241.2.dta
SXPFKXSPFLXFR 5 6 2 0 1125	1	772.8793	1543.744	2	38.68	0.00077	SLPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1089.1089.2.dta
GPSGXVSAQQLXR 2 5 0 0 501	1	682.8298	1363.645	2	38.12	0.00077	GPSGLVSLAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1031.1031.2.dta
GPSGXVSAQQLXR 0 3 3 1 68	1	694.8331	1387.652	2	40.01	0.00076	GPSGVVSTAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1368.1368.2.dta
GPSGXVSAQQLXR 8 4 6 0 1693	1	647.8087	1293.603	2	41.11	0.00076	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.863.863.2.dta
SXPFKXSPFLXFR 5 3 2 1 1066	1	526.2628	1575.766	3	33.89	0.00076	SLPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1273.1273.3.dta
GPSGXVSAQQLXR 1 4 3 1 288	1	671.8043	1341.594	2	39.89	0.00075	GPSGDVSSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.975.975.2.dta
SXPFKXSPFLXFR 5 3 5 1 1072	1	520.946	1559.816	3	31.29	0.00074	SLPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1371.1371.3.dta
SXPFKXSPFLXFR 5 3 2 0 1065	1	802.894	1603.774	2	35.27	0.00074	SLPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1326.1326.2.dta
GPSGXVSAQQLXR 0 2 0 0 41	1	661.8091	1321.604	2	35.68	0.00074	GPSGAVSQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.768.768.2.dta
GPSGXVSAQQLXR 1 3 2 1 266	1	707.8131	1413.612	2	37.31	0.00074	GPSGDVSTAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1041.1041.2.dta
GPSGXVSAQQLXR 8 3 0 1 1662	1	670.8337	1339.653	2	40.86	0.00074	GPSGVVSTAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1169.1169.2.dta
GPSGXVSAQQLXR 4 0 4 0 809	1	618.7895	1235.565	2	43.76	0.00073	GPSGVVSSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.762.762.2.dta
SXPFKXSPFLXFR 1 0 0 0 201	1	491.5692	1471.686	3	38.59	0.00073	SDPFKXSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.985.985.3.dta
GPSGXVSAQQLXR 2 1 2 0 425	1	712.809	1423.603	2	39.2	0.00072	GPSGVVSSAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.819.819.2.dta
SXPFKXSPFLXFR 9 9 3 1 1988	1	554.2648	1659.773	3	35.24	0.00072	SXPFKXSPFLFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1484.1484.3.dta
GPSGXVSAQQLXR 5 1 6 0 1033	1	683.8217	1365.629	2	37.98	0.00072	GPSGLVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.914.914.2.dta
GPSGXVSAQQLXR 9 4 2 1 1886	1	686.8093	1371.604	2	38.21	0.00072	GPSGVVSSAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.785.785.2.dta
GPSGXVSAQQLXR 1 5 8 1 318	1	675.839	1349.664	2	39.29	0.00072	GPSGDVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1162.1162.2.dta
GPSGXVSAQQLXR 5 1 8 1 1038	1	675.838	1349.662	2	39.32	0.00072	GPSGLVSDAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1048.1048.2.dta
GPSGXVSAQQLXR 9 0 6 0 1813	1	686.8148	1371.615	2	38.96	0.00072	GPSGVVSSAQLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.999.999.2.dta
GPSGXVSAQQLXR 9 4 2 1 1886	1	686.8112	1371.608	2	39.87	0.00071	GPSGVVSSAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.879.879.2.dta
GPSGXVSAQQLXR 1 1 0 0 221	1	676.7933	1351.572	2	37.68	0.00071	GPSGDVSDAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.760.760.2.dta
GPSGXVSAQQLXR 3 3 9 1 680	1	740.8474	1479.68	2	41.42	0.00071	GPSGVVSTAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1149.1149.2.dta
GPSGXVSAQQLXR 0 3 8 0 77	1	684.8374	1367.66	2	37.73	0.00071	GPSGAVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1159.1159.2.dta
SXPFKXSPFLXFR 5 3 0 0 1061	1	516.2649	1545.773	3	34.1	0.0007	SLPFKXSPFLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1233.1233.3.dta
GPSGXVSAQQLXR 9 5 8 1 1918	1	699.8561	1397.698	2	38.52	0.0007	GPSGVVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1320.1320.2.dta
SXPFKXSPFLXFR 1 8 6 0 373	1	506.2435	1515.709	3	36.74	0.0007	SDPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1342.1342.3.dta
GPSGXVSAQQLXR 3 9 9 1 800	1	748.8446	1495.675							

GPSGVXSAQLXR 2 9 6 1 594	1	701.8163	1401.618	2	41.66	0.00063	GPSGEVSYAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.820.820.2.dta
GPSGVXSAQLXR 5 3 5 0 1071	1	712.8709	1423.727	2	32.11	0.00062	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2031.2031.2.dta
GPSGVXSAQLXR 5 2 0 1105	1	703.857	1405.699	2	38.01	0.00062	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1611.1611.2.dta
GPSGVXSAQLXR 0 3 9 1 80	1	702.8317	1403.649	2	40.38	0.00062	GPSGAVSFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1082.1082.2.dta
GPSGVXSAQLXR 4 4 3 1 888	1	642.8028	1283.591	2	38.12	0.00062	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.955.955.2.dta
GPSGVXSAQLXR 1 3 2 2 266	1	707.8159	1413.617	2	38.95	0.00062	GPSGVSFAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1000.1000.2.dta
GPSGVXSAQLXR 1 4 9 1 300	1	679.8022	1357.59	2	38.67	0.00062	GPSGVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.795.795.2.dta
SXPFKXSLXFR 9 9 3 0 1987	1	844.8974	1687.78	2	34.24	0.00062	SYPFKKSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1316.1316.2.dta
GPSGVXSAQLXR 4 1 1 1 824	1	655.7834	1309.552	2	39.33	0.00062	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.736.736.2.dta
SXPFKXSLXFR 4 6 9 1 940	1	498.9055	1493.695	3	41.84	0.00061	SXPFKXSLXFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1045.1045.3.dta
GPSGVXSAQLXR 0 0 4 1 10	1	611.7957	1221.577	2	32.17	0.00061	GPSGVSAAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.800.800.2.dta
GPSGVXSAQLXR 0 2 6 1 54	1	655.8029	1309.591	2	38.77	0.00061	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.735.735.2.dta
GPSGVXSAQLXR 8 5 6 1 1714	1	661.8414	1321.668	2	39.6	0.00061	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1066.1066.2.dta
GPSGVXSAQLXR 4 9 8 1 998	1	671.8246	1341.635	2	38.06	0.00061	GPSGVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.968.968.2.dta
GPSGVXSAQLXR 8 9 9 1 1800	1	724.8449	1447.675	2	42.58	0.0006	GPSGVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1041.1041.2.dta
SXPFKXSLXFR 1 5 0 0 301	1	505.5831	1513.728	3	41.59	0.0006	SDFPKLSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1152.1152.3.dta
GPSGVXSAQLXR 3 8 3 1 768	1	472.9022	1415.685	3	41.37	0.00059	GPSGVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1354.1354.3.dta
SXPFKXSLXFR 2 4 2 1 486	1	501.5669	1501.685	3	39.69	0.00059	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.996.996.3.dta
SXPFKXSLXFR 7 8 9 1 1580	1	517.5928	1549.577	3	38.38	0.00059	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1051.1051.3.dta
GPSGVXSAQLXR 2 8 7 1 576	1	676.8267	1351.639	2	39.66	0.00059	GPSGVSQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.904.904.2.dta
GPSGVXSAQLXR 3 3 5 1 672	1	715.8573	1429.7	2	39.94	0.00058	GPSGVSQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1432.1432.2.dta
SXPFKXSLXFR 1 5 5 1 312	1	510.2665	1527.773	3	38.75	0.00058	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1692.1692.3.dta
SXPFKXSLXFR 4 3 1 0 863	1	512.2413	1533.702	3	34.92	0.00058	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1169.1169.3.dta
SXPFKXSLXFR 6 6 0 1 1322	1	478.2337	1431.679	3	39.68	0.00057	SDFPKLSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.975.975.3.dta
SXPFKXSLXFR 4 0 1 1 804	1	477.5643	1429.671	3	42.53	0.00057	SDFPKLSPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1084.1084.3.dta
SXPFKXSLXFR 6 5 3 1 1308	1	512.2615	1533.763	3	38.65	0.00057	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1223.1223.3.dta
GPSGVXSAQLXR 0 2 0 0 41	1	441.5451	1321.601	3	36.56	0.00057	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.793.793.3.dta
GPSGVXSAQLXR 3 0 0 1 602	1	658.8189	1311.623	2	40.37	0.00057	GPSGVSQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.989.989.2.dta
GPSGVXSAQLXR 3 3 5 0 671	1	486.9109	1457.711	3	36.56	0.00056	GPSGVSQAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1892.1892.3.dta
GPSGVXSAQLXR 3 3 5 1 672	1	715.8585	1429.703	2	38.24	0.00055	GPSGVSQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1568.1568.2.dta
GPSGVXSAQLXR 6 4 6 1 1294	1	627.7895	1253.564	2	40.09	0.00055	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.712.712.2.dta
SXPFKXSLXFR 3 3 0 0 661	1	790.8867	1579.759	2	33.55	0.00055	SDFPKLSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1442.1442.2.dta
GPSGVXSAQLXR 3 1 2 1 626	1	707.8174	1413.62	2	39.51	0.00055	GPSGVSQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.957.957.2.dta
SXPFKXSLXFR 9 1 6 0 1833	1	790.8596	1579.705	2	40.15	0.00055	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1073.1073.2.dta
GPSGVXSAQLXR 2 9 4 1 590	1	686.811	1371.607	2	40.98	0.00055	GPSGVSQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.835.835.2.dta
SXPFKXSLXFR 2 2 9 1 460	1	804.8712	1607.728	2	32.64	0.00054	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1179.1179.2.dta
GPSGVXSAQLXR 5 0 9 1 1020	1	685.8404	1369.666	2	39.84	0.00054	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1123.1123.2.dta
GPSGVXSAQLXR 5 0 9 1 1020	1	685.8414	1369.668	2	39.81	0.00054	GPSGLVSAQLYK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1354.1354.2.dta
GPSGVXSAQLXR 2 1 1 1 424	1	691.7949	1381.575	2	44.02	0.00054	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.733.733.2.dta
GPSGVXSAQLXR 2 1 2 1 426	1	698.8026	1395.591	2	44.61	0.00054	GPSGVSQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.741.741.2.dta
GPSGVXSAQLXR 0 9 0 0 181	1	452.8822	1355.625	3	36.24	0.00053	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.966.966.3.dta
SXPFKXSLXFR 0 5 2 0 105	1	764.88	1527.746	2	40.63	0.00053	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1172.1172.2.dta
SXPFKXSLXFR 4 6 1 1 924	1	482.8918	1445.654	3	43.58	0.00053	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.905.905.3.dta
SXPFKXSLXFR 9 6 9 0 1939	1	814.8793	1627.744	2	37.45	0.00053	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1300.1300.2.dta
SXPFKXSLXFR 0 4 9 1 100	1	493.5748	1477.703	3	41.26	0.00053	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.907.907.3.dta
GPSGVXSAQLXR 2 1 9 1 440	1	715.8116	1429.609	2	38.23	0.00053	GPSGVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.804.804.2.dta
SXPFKXSLXFR 0 5 3 0 107	1	773.8961	1545.778	2	32.76	0.00053	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1767.1767.2.dta
GPSGVXSAQLXR 8 9 8 0 1797	1	706.8505	1411.687	2	34.57	0.00052	GPSGVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1177.1177.2.dta
GPSGVXSAQLXR 4 5 8 1 918	1	646.8354	1291.566	2	40.03	0.00052	GPSGVSQAQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1467.1467.2.dta
SXPFKXSLXFR 5 0 0 0 1001	1	735.8795	1469.744	2	33.02	0.00052	SDFPKLSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1401.1401.2.dta
SXPFKXSLXFR 0 8 4 1 170	1	472.2429	1413.707	3	39.06	0.00052	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1191.1191.3.dta
SXPFKXSLXFR 0 2 9 1 60	1	775.8685	1549.723	2	40.81	0.00052	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.978.978.2.dta
SXPFKXSLXFR 8 6 8 1 1738	1	491.5907	1471.75	3	36.81	0.00052	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1295.1295.3.dta
GPSGVXSAQLXR 1 4 5 0 291	1	446.2132	1335.618	3	38.63	0.00051	GPSGVSQAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.994.994.3.dta
GPSGVXSAQLXR 1 7 8 0 357	1	683.8201	1365.626	2	39.16	0.00051	GPSGVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.842.842.2.dta
GPSGVXSAQLXR 0 8 1 0 163	1	668.8179	1335.621	2	38.65	0.00051	GPSGVSQAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1015.1015.2.dta
GPSGVXSAQLXR 5 0 1 1 1004	1	661.8217	1321.629	2	40.89	0.00051	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.981.981.2.dta
GPSGVXSAQLXR 6 0 6 1 1214	1	634.7979	1267.581	2	41.47	0.00051	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.716.716.2.dta
SXPFKXSLXFR 5 5 0 0 1101	1	756.903	1511.791	2	32.99	0.0005	SDFPKLSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1719.1719.2.dta
GPSGVXSAQLXR 0 4 9 1 100	1	657.808	1313.602	2	41.2	0.0005	GPSGVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.800.800.2.dta
GPSGVXSAQLXR 7 9 6 1 1594	1	687.8188	1373.623	2	45.3	0.0005	GPSGVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.816.816.2.dta
SXPFKXSLXFR 0 5 8 0 117	1	749.8964	1497.778	2	34.87	0.00049	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1608.1608.2.dta
SXPFKXSLXFR 2 9 5 1 592	1	531.5977	1591.771	3	34.4	0.00049	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1098.1098.3.dta
SXPFKXSLXFR 2 9 2 0 585	1	818.8721	1635.73	2	37.15	0.00049	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1076.1076.2.dta
SXPFKXSLXFR 8 3 9 0 1679	1	542.269	1623.785	3	33.07	0.00049	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1556.1556.3.dta
GPSGVXSAQLXR 6 6 1 1 1324	1	656.7923	1311.57	2	36.78	0.00049	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.711.711.2.dta
GPSGVXSAQLXR 0 4 8 1 98	1	625.8094	1249.604	2	34.4	0.00049	GPSGVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.848.848.2.dta
GPSGVXSAQLXR 8 7 2 0 1745	1	690.8263	1379.638	2	41.3	0.00049	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.865.865.2.dta
GPSGVXSAQLXR 1 0 8 1 218	1	654.8153	1307.616	2	40.31	0.00049	GPSGVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.855.855.2.dta
SXPFKXSLXFR 6 5 1 0 1303	1	765.8696	1529.725	2	41.15	0.00048	SDFPKLSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1204.1204.2.dta
SXPFKXSLXFR 2 9 2 0 585	1	546.2512	1635.372	3	37.24	0.00048	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1230.1230.3.dta
SXPFKXSLXFR 5 0 5 0 1011	1	504.9379	1511.792	3	33.17	0.00048	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1445.1445.3.dta
GPSGVXSAQLXR 8 8 8 1 1778	1	660.8514	1319.688	2	38.27	0.00048	GPSGVSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1137.1137.2.dta
SXPFKXSLXFR 8 2 9 1 1660	1	526.9422	1577.751	3	37.27	0.00048	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.963.963.3.dta
GPSGVXSAQLXR 5 4 5 1 1092	1	653.8431	1305.672	2	39.64	0.00047	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1218.1218.2.dta
GPSGVXSAQLXR 6 5 1 1 1304	1	669.8195	1337.624	2	39.23	0.00047	GPSGVSQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.944.944.2.dta
GPSGVXSAQLXR 6 5 3 1 1308	1	685.8389	1369.663	2	40.91	0.00047	SDFPKLSPLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1322.1322.2.dta
GPSGVXSAQLXR 0 3 8 0 77	1	684.8374	1367.66	2	39.5	0.00047	GPSGVSQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1144

GPSGXVSAQXLR	[0 9 9 1]	200	1	710.8292	1419.644	2	42.88	0.00043	GPSGAVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.936.936.2.dta
SXPFKXSPFXFGR	[6 1 0 1]	1222	3	487.5646	1459.672	3	41.03	0.00043	SXPFKDSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.937.937.3.dta
GPSGXVSAQXLR	[0 5 2 1]	106	1	668.8298	1335.645	2	41.29	0.00043	GPSGAVSLAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1032.1032.2.dta
GPSGXVSAQXLR	[5 9 5 0]	1191	1	720.8672	1439.72	2	37.01	0.00042	GPSGVSVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1379.1379.2.dta
GPSGXVSAQXLR	[0 3 5 1]	172	1	452.2296	1353.667	3	42.73	0.00042	GPSGAVSFAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1221.1221.3.dta
SXPFKXSPFXFGR	[5 8 8 0]	1177	3	763.9107	1525.807	2	33.74	0.00042	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1331.1331.2.dta
SXPFKXSPFXFGR	[3 9 3 1]	1788	3	548.9329	1643.777	3	40.04	0.00042	SXPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1237.1237.3.dta
GPSGXVSAQXLR	[5 6 1 0]	1123	1	683.8219	1365.629	2	40.31	0.00042	GPSGDVSSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1063.1063.2.dta
GPSGXVSAQXLR	[1 4 1 1]	284	1	655.7859	1309.557	2	42.2	0.00042	GPSGDVSGAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.735.735.2.dta
GPSGXVSAQXLR	[5 4 4 0]	1089	1	639.8123	1277.61	2	44.89	0.00041	GPSGLVSGAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.896.896.2.dta
GPSGXVSAQXLR	[6 2 6 1]	1254	1	663.8001	1325.586	2	40.19	0.00041	GPSGVSVAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.717.717.2.dta
SXPFKXSPFXFGR	[9 7 2 0]	1945	1	536.92	1607.738	3	40.25	0.00041	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1196.1196.3.dta
GPSGXVSAQXLR	[6 8 5 1]	1372	1	661.8393	1321.664	2	40.83	0.00041	GPSGVSVAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1119.1119.2.dta
GPSGXVSAQXLR	[2 3 5 1]	1472	1	706.8434	1411.672	2	40.31	0.00041	GPSGEVSFAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1236.1236.2.dta
GPSGXVSAQXLR	[3 9 6 1]	1794	1	710.8286	1419.643	2	42.32	0.00041	GPSGFVSYAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1030.1030.2.dta
GPSGXVSAQXLR	[0 6 3 1]	128	1	664.816	1327.618	2	41.58	0.00041	GPSGAVSSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.970.970.2.dta
GPSGXVSAQXLR	[3 8 3 1]	1768	1	472.9017	1415.683	3	43.06	0.0004	GPSGFVSYAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1343.1343.3.dta
GPSGXVSAQXLR	[0 5 0 1]	102	1	639.8256	1277.637	2	38.29	0.0004	GPSGAVSLAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1075.1075.2.dta
GPSGXVSAQXLR	[3 9 5 1]	1792	1	482.9065	1445.698	3	40.96	0.0004	GPSGFVSYAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1242.1242.3.dta
SXPFKXSPFXFGR	[5 1 0 1]	1022	1	496.2505	1485.73	3	42.38	0.0004	SXPFKDSPLAFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1204.1204.3.dta
GPSGXVSAQXLR	[9 0 7 1]	1816	1	453.5504	1357.629	3	45.68	0.0004	GPSGFVSSAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.855.855.3.dta
GPSGXVSAQXLR	[3 3 4 1]	1670	1	687.8262	1373.638	2	42.53	0.0004	GPSGFVSYAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1314.1314.2.dta
GPSGXVSAQXLR	[8 8 1 1]	1764	1	668.8298	1335.645	2	41.69	0.0004	GPSGAVSLAQLEK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1161.1161.2.dta
SXPFKXSPFXFGR	[4 0 3 1]	1808	1	731.861	1461.707	2	36.23	0.00039	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1400.1400.2.dta
SXPFKXSPFXFGR	[6 0 9 1]	1220	1	503.5775	1507.711	3	43.58	0.00039	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.977.977.3.dta
GPSGXVSAQXLR	[5 2 8 0]	1057	1	696.847	1391.679	2	40.48	0.00039	GPSGLVSEAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1073.1073.2.dta
GPSGXVSAQXLR	[3 4 0 1]	1682	1	649.8101	1297.606	2	42.25	0.00039	GPSGFVSGAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.915.915.2.dta
SXPFKXSPFXFGR	[1 2 0 1]	245	1	794.8545	1587.692	2	38.11	0.00039	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1010.1010.2.dta
GPSGXVSAQXLR	[1 2 9 1]	1260	1	715.8136	1429.613	2	39.57	0.00039	GPSGDVSSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.824.824.2.dta
GPSGXVSAQXLR	[5 3 5 1]	1072	1	698.8674	1395.72	2	37.86	0.00038	GPSGLVSGAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2002.2002.2.dta
SXPFKXSPFXFGR	[4 5 3 1]	1908	1	502.2592	1503.756	3	36.76	0.00038	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1267.1267.3.dta
SXPFKXSPFXFGR	[5 6 5 1]	1132	1	500.9339	1499.78	3	38.48	0.00038	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1066.1066.3.dta
SXPFKXSPFXFGR	[6 3 5 1]	1272	1	512.262	1533.764	3	40.44	0.00038	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1580.1580.3.dta
GPSGXVSAQXLR	[6 4 2 1]	1286	1	648.7952	1295.576	2	40.57	0.00038	GPSGFVSGAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.715.715.2.dta
SXPFKXSPFXFGR	[7 9 9 1]	1600	1	807.8821	1613.75	2	34.32	0.00037	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1029.1029.2.dta
SXPFKXSPFXFGR	[2 9 8 1]	1598	1	526.925	1577.753	3	39.07	0.00037	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1035.1035.3.dta
GPSGXVSAQXLR	[9 5 5 1]	1912	1	706.8636	1411.713	2	40.35	0.00037	GPSGVLSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1472.1472.2.dta
SXPFKXSPFXFGR	[0 8 9 1]	180	1	507.5891	1519.746	3	41.76	0.00037	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1075.1075.3.dta
GPSGXVSAQXLR	[4 4 4 1]	1890	1	597.7794	1193.544	2	40.53	0.00037	GPSGFVSGAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.723.723.2.dta
GPSGXVSAQXLR	[3 4 5 1]	1692	1	670.8343	1339.654	2	43.82	0.00037	GPSGFVSGAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1164.1164.2.dta
GPSGXVSAQXLR	[0 2 6 1]	154	1	655.8035	1309.592	2	40.8	0.00037	GPSGAVSEAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.737.737.2.dta
SXPFKXSPFXFGR	[0 4 1 1]	184	1	477.562	1429.664	3	42.3	0.00037	SXPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.964.964.3.dta
SXPFKXSPFXFGR	[4 9 4 1]	1990	1	488.9028	1463.687	3	43.45	0.00037	SXPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1192.1192.3.dta
SXPFKXSPFXFGR	[1 0 1 0]	203	1	758.8441	1515.674	2	43.06	0.00036	SXPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1067.1067.2.dta
GPSGXVSAQXLR	[4 5 4 1]	1910	1	625.8107	1249.607	2	35.74	0.00036	GPSGFVSLAQLEK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1154.1154.2.dta
GPSGXVSAQXLR	[6 6 6 1]	1334	1	642.7949	1283.575	2	46.15	0.00036	GPSGVSVAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.722.722.2.dta
SXPFKXSPFXFGR	[0 2 9 1]	160	1	517.5808	1549.721	3	42.2	0.00036	SXPFKVSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1061.1061.3.dta
GPSGXVSAQXLR	[9 0 9 1]	1820	1	710.8279	1419.641	2	42.88	0.00036	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.969.969.2.dta
SXPFKXSPFXFGR	[5 1 2 0]	1025	1	786.8767	1571.739	2	42.58	0.00036	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1121.1121.2.dta
GPSGXVSAQXLR	[4 0 6 0]	813	1	633.7933	1265.572	2	43.93	0.00036	GPSGFVSSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.745.745.2.dta
SXPFKXSPFXFGR	[3 8 3 0]	767	1	536.9368	1607.789	3	35.77	0.00036	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1748.1748.3.dta
GPSGXVSAQXLR	[1 1 8 0]	1237	1	460.8764	1379.608	3	41.08	0.00036	GPSGDVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.809.809.3.dta
SXPFKXSPFXFGR	[6 8 0 1]	1362	1	482.2448	1443.713	3	42.56	0.00035	SXPFKVSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1080.1080.3.dta
GPSGXVSAQXLR	[1 6 1 1]	324	1	670.79	1339.565	2	37.44	0.00035	GPSGDVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.719.719.2.dta
GPSGXVSAQXLR	[5 0 0 1]	1002	1	639.8264	1277.638	2	38.91	0.00035	GPSGLVSSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.987.987.2.dta
SXPFKXSPFXFGR	[6 0 1 0]	1203	1	744.8475	1487.681	2	42.23	0.00035	SXPFKVSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1002.1002.2.dta
GPSGXVSAQXLR	[6 1 0 0]	1221	1	442.1996	1323.577	3	43.19	0.00035	GPSGVSQAQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.752.752.3.dta
GPSGXVSAQXLR	[9 3 9 1]	1880	1	748.8444	1495.674	2	44	0.00035	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1208.1208.2.dta
GPSGXVSAQXLR	[8 9 9 1]	1800	1	724.8456	1447.677	2	44.88	0.00035	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1072.1072.2.dta
GPSGXVSAQXLR	[9 4 6 1]	1894	1	665.8062	1329.598	2	42.9	0.00035	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.770.770.2.dta
GPSGXVSAQXLR	[4 5 6 1]	1914	1	640.8162	1279.618	2	40.11	0.00035	GPSGFVSLAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.914.914.2.dta
GPSGXVSAQXLR	[6 8 6 1]	1374	1	648.8135	1295.613	2	40.44	0.00035	GPSGVVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.816.816.2.dta
GPSGXVSAQXLR	[3 3 0 1]	1662	1	694.8349	1387.655	2	42.88	0.00035	GPSGFVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1346.1346.2.dta
GPSGXVSAQXLR	[2 2 5 1]	1452	1	697.8337	1393.653	2	38.04	0.00035	GPSGVESEAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.934.934.2.dta
GPSGXVSAQXLR	[3 5 3 0]	707	1	486.9089	1457.705	3	38.89	0.00034	GPSGFVSLAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1466.1466.3.dta
GPSGXVSAQXLR	[0 9 9 1]	1200	1	710.8288	1419.643	2	43.15	0.00034	GPSGAVSYAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.960.960.2.dta
GPSGXVSAQXLR	[9 7 8 0]	1957	1	707.8375	1413.66	2	42.52	0.00034	GPSGVVSTAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.936.936.2.dta
SXPFKXSPFXFGR	[6 8 2 1]	1366	1	501.5816	1501.723	3	41.09	0.00034	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1024.1024.3.dta
SXPFKXSPFXFGR	[6 9 2 0]	1385	1	797.867	1593.72	2	42.79	0.00034	SXPFKVSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1066.1066.2.dta
GPSGXVSAQXLR	[0 7 8 1]	158	1	647.8246	1293.635	2	41.49	0.00034	GPSGAVSTAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.853.853.2.dta
GPSGXVSAQXLR	[9 0 1 1]	1804	1	686.8136	1371.613	2	44.25	0.00034	GPSGVVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.888.888.2.dta
GPSGXVSAQXLR	[1 4 0 1]	282	1	633.79	1265.565	2	41.26	0.00034	GPSGDVSGAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.728.728.2.dta
GPSGXVSAQXLR	[6 8 5 0]	1371	1	675.8401	1349.666	2	42.34	0.00034	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1154.1154.2.dta

SXPFKXSPFXFRG	5 9 5 1	1192	1	526.2783	1575.813	3	35.17	0.0003	SLPFKXSPFLFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1516.1516.3.dta
SXPFKXSPFXFRG	6 8 0 1	1362	1	482.2453	1443.714	3	43.4	0.0003	SPFKXSPFLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1082.1082.3.dta
GPSGVXSAQQLXR	3 8 3 1	768	2	708.8504	1415.686	2	44.91	0.0003	GPSGVXSAQQLF	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1529.1529.2.dta
GPSGVXSAQQLXR	0 2 1 0	43	3	456.2043	1365.591	3	42.95	0.0003	GPSGVXSAQQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.770.770.3.dta
GPSGVXSAQQLXR	0 6 9 1	140	2	672.8148	1343.615	2	46.45	0.0003	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.796.796.2.dta
GPSGVXSAQQLXR	0 2 9 1	60	2	693.8195	1385.625	2	43.21	0.0003	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.840.840.2.dta
GPSGVXSAQQLXR	3 3 7 1	676	2	709.8405	1417.666	2	42.09	0.0003	GPSGVXSAQQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1348.1348.2.dta
SXPFKXSPFXFRG	5 3 5 0	1071	2	794.9186	1587.823	2	35.18	0.0003	SLPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1489.1489.2.dta
GPSGVXSAQQLXR	5 5 5 0	1111	2	695.8756	1389.737	2	36.7	0.00029	GPSGLVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1570.1570.2.dta
GPSGVXSAQQLXR	5 3 5 0	1071	1	712.869	1423.724	2	35.44	0.00029	GPSGLVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1403.1403.2.dta
SXPFKXSPFXFRG	2 8 1 0	563	1	520.2487	1557.724	3	44.33	0.00029	SPFKXSPFLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1310.1310.3.dta
GPSGVXSAQQLXR	9 8 3 1	1968	2	716.8484	1431.682	2	42.64	0.00029	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1288.1288.2.dta
GPSGVXSAQQLXR	3 5 8 1	1718	3	461.5745	1381.702	3	42.68	0.00029	GPSGVXSAQQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1679.1679.3.dta
SXPFKXSPFXFRG	4 9 8 1	1998	1	502.9193	1505.736	3	42.07	0.00029	SPFKXSPFLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1268.1268.3.dta
GPSGVXSAQQLXR	4 3 3 1	868	2	687.8267	1373.639	2	44.85	0.00029	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1311.1311.2.dta
GPSGVXSAQQLXR	1 9 3 1	388	1	724.8273	1447.64	2	43.18	0.00029	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1186.1186.2.dta
GPSGVXSAQQLXR	2 1 9 1	440	1	715.813	1429.612	2	41.88	0.00029	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.810.810.2.dta
GPSGVXSAQQLXR	0 8 3 0	167	2	684.8373	1367.666	2	41.65	0.00029	GPSGVXSAQQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1216.1216.2.dta
GPSGVXSAQQLXR	4 3 4 1	870	2	642.8019	1283.589	2	41.38	0.00029	GPSGVXSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.993.993.2.dta
GPSGVXSAQQLXR	9 0 0 1	1802	3	443.5461	1327.616	3	43.01	0.00029	GPSGVXSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.853.853.3.dta
GPSGVXSAQQLXR	2 7 0 0	541	3	451.5437	1351.609	3	39.2	0.00029	GPSGVXSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.815.815.3.dta
GPSGVXSAQQLXR	0 5 5 0	111	2	674.853	1347.91	2	35.54	0.00028	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1760.1760.2.dta
GPSGVXSAQQLXR	0 8 8 0	177	3	440.8942	1319.661	3	37.68	0.00028	GPSGVXSAQQLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1127.1127.3.dta
GPSGVXSAQQLXR	5 3 8 1	1078	2	691.8577	1381.701	2	42.8	0.00028	GPSGLVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1360.1360.2.dta
GPSGVXSAQQLXR	8 5 8 1	1718	3	445.5746	1333.702	3	41.59	0.00028	GPSGVXSAQQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1545.1545.3.dta
GPSGVXSAQQLXR	0 1 1 0	23	2	676.7927	1351.571	2	41.75	0.00028	GPSGAVSDAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.752.752.2.dta
GPSGVXSAQQLXR	9 4 4 1	1890	2	650.8007	1299.587	2	44.17	0.00028	GPSGVXSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.808.808.2.dta
GPSGVXSAQQLXR	6 6 6 1	1324	2	656.7936	1311.573	2	39.26	0.00028	GPSGVXSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.712.712.2.dta
GPSGVXSAQQLXR	7 9 5 0	1591	3	476.9025	1427.686	3	40.36	0.00028	GPSGVXSAQQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1403.1403.3.dta
GPSGVXSAQQLXR	3 4 3 1	688	2	687.8251	1373.636	2	44.1	0.00028	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1201.1201.2.dta
GPSGVXSAQQLXR	0 9 3 1	188	2	702.8311	1403.648	2	43.76	0.00028	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1194.1194.2.dta
SXPFKXSPFXFRG	2 8 2 1	566	1	515.5851	1543.733	3	40.64	0.00028	SPFKXSPFLFEGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1244.1244.3.dta
SXPFKXSPFXFRG	5 9 1 1	1184	1	526.9251	1577.754	3	40.31	0.00028	SPFKXSPFLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_425V.1125.1125.3.dta
GPSGVXSAQQLXR	9 3 0 1	1862	2	702.8321	1403.65	2	45.22	0.00028	GPSGVXSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1202.1202.2.dta
GPSGVXSAQQLXR	5 2 3 0	1047	2	720.8475	1439.681	2	40.29	0.00028	GPSGLVSLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1235.1235.2.dta
GPSGVXSAQQLXR	3 7 4 1	750	2	664.8152	1327.616	2	43.17	0.00028	GPSGVXSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.940.940.2.dta
SXPFKXSPFXFRG	8 2 3 1	1648	3	521.5915	1561.753	3	40.92	0.00028	SPFKXSPFLFEGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1162.1162.3.dta
GPSGVXSAQQLXR	0 5 5 1	112	3	440.9029	1319.687	3	40.85	0.00027	GPSGAVSLAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1463.1463.3.dta
SXPFKXSPFXFRG	0 2 9 0	59	1	789.8712	1577.728	2	43.82	0.00027	SPFKXSPFLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1012.1012.2.dta
GPSGVXSAQQLXR	4 0 4 0	809	2	618.7921	1235.57	2	41.46	0.00027	GPSGVXSAQQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.824.824.2.dta
GPSGVXSAQQLXR	9 4 4 1	1890	2	650.8	1299.585	2	44.28	0.00027	GPSGVXSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.793.793.2.dta
GPSGVXSAQQLXR	1 0 0 0	201	3	436.869	1307.585	3	43.15	0.00027	GPSGDVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.781.781.3.dta
GPSGVXSAQQLXR	9 9 9 1	2000	2	756.8407	1511.667	2	43.28	0.00027	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1059.1059.2.dta
GPSGVXSAQQLXR	3 2 9 1	660	2	731.8336	1461.653	2	41.22	0.00027	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1070.1070.2.dta
SXPFKXSPFXFRG	0 5 4 0	109	1	728.872	1455.73	2	41.09	0.00027	SPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1503.1503.2.dta
GPSGVXSAQQLXR	9 6 0 1	1922	2	672.8141	1343.614	2	46.89	0.00027	GPSGVXSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.818.818.2.dta
GPSGVXSAQQLXR	3 5 9 1	1720	3	482.9053	1445.694	3	42.66	0.00026	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1235.1235.3.dta
GPSGVXSAQQLXR	2 5 1 0	503	2	704.8293	1407.644	2	47.28	0.00026	GPSGAVSLAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1203.1203.2.dta
GPSGVXSAQQLXR	2 7 8 0	557	2	690.8299	1379.645	2	42.6	0.00026	GPSGAVSLAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.874.874.2.dta
GPSGVXSAQQLXR	6 8 1 1	1364	2	662.8119	1323.609	2	40.69	0.00026	GPSGVXSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.831.831.2.dta
GPSGVXSAQQLXR	0 9 9 1	200	2	710.8286	1419.643	2	44.36	0.00026	GPSGAVSQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.952.952.2.dta
GPSGVXSAQQLXR	3 3 9 1	680	2	740.8474	1479.68	2	45.79	0.00026	GPSGVXSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1259.1259.2.dta
GPSGVXSAQQLXR	0 0 3 1	18	2	656.8191	1311.624	2	41.67	0.00026	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1063.1063.2.dta
SXPFKXSPFXFRG	1 3 2 0	265	1	803.8664	1605.718	2	39.98	0.00026	SPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1276.1276.2.dta
GPSGVXSAQQLXR	1 9 3 1	388	1	724.8263	1447.638	2	41.61	0.00026	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1109.1109.2.dta
GPSGVXSAQQLXR	4 8 4 1	1970	2	618.8025	1235.59	2	35.77	0.00026	GPSGVXSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.843.843.2.dta
GPSGVXSAQQLXR	9 4 5 0	1891	2	692.835	1383.656	2	40.11	0.00026	GPSGVXSAQQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1017.1017.2.dta
GPSGVXSAQQLXR	9 2 3 1	1848	2	731.8342	1461.654	2	41.41	0.00026	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1097.1097.2.dta
SXPFKXSPFXFRG	0 6 9 1	140	3	503.578	1507.712	3	45.34	0.00025	SPFKXSPFLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1037.1037.3.dta
GPSGVXSAQQLXR	2 8 2 0	565	2	704.8258	1407.637	2	44.47	0.00025	GPSGVXSAQQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.929.929.2.dta
GPSGVXSAQQLXR	2 9 5 0	591	1	728.846	1455.678	2	41.04	0.00025	GPSGAVSQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1100.1100.2.dta
GPSGVXSAQQLXR	0 4 6 1	94	2	619.792	1237.569	2	43.38	0.00025	GPSGAVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.717.717.2.dta
GPSGVXSAQQLXR	3 4 3 0	687	2	701.8297	1401.645	2	38.56	0.00025	GPSGVXSAQQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1580.1580.2.dta
GPSGVXSAQQLXR	4 4 6 1	894	2	612.7842	1223.554	2	39.96	0.00025	GPSGVXSAQQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.713.713.2.dta
GPSGVXSAQQLXR	9 3 3 1	1868	2	740.8479	1479.681	2	46.1	0.00025	GPSGVXSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1520.1520.2.dta
GPSGVXSAQQLXR	3 0 3 0	607	2	708.8351	1415.656	2	43.96	0.00025	GPSGVXSAQQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1181.1181.2.dta
SXPFKXSPFXFRG	7 6 9 1	1540	3	513.5805	1537.72	3	42.07	0.00025	SPFKXSPFLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1044.1044.3.dta
GPSGVXSAQQLXR	2 5 3 1	508	2	706.8436	1411.673	2	42.41	0.00025	GPSGAVSQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1320.1320.2.dta
GPSGVXSAQQLXR	9 4 6 1	1894	2	665.8062	1329.598	2	44.43	0.00025	GPSGVXSAQQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.793.793.2.dta
GPSGVXSAQQLXR	5 9 3 0	1187	2	737.856	1473.697	2	45.7	0.00025	GPSGLVSLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1384.1384.2.dta
GPSGVXSAQQLXR	4 1 8 0	837	2	661.8087	1321.603	2	40.46	0.00025	GPSGVXSAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.811.811.2.dta
SXPFKXSPFXFRG	1 9 3 1	388	1	508.237	1521.689	3	44.97	0.00025	SPFKXSPFLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1261.1261.3.dta
GPSGVXSAQQLXR	0 5 8 1	118	2	653.8416	1305.669	2	42.58	0.00024	GPSGAVSQAQLVK	Phospho (ST)	0.00000010000	

GPSGVXSAQQLXR 0 3 1 1 64	1	678.8115	1355.608	2	45.11	0.00022	GPSGAVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1016.1016.2.dta
SXPFKXSLXFG 5 8 3 0 1167	1	525.6093	1573.806	3	36.51	0.00022	SLPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1668.1668.3.dta
GPSGVXSAQQLXR 9 6 6 1 1934	1	680.8124	1359.61	2	47.45	0.00022	GPSGVSSAQLSK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.855.855.2.dta
SXPFKXSLXFG 5 3 5 1 1072	1	520.9467	1559.818	3	36.8	0.00021	SLPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1306.1306.3.dta
GPSGVXSAQQLXR 0 4 4 1 90	1	604.7876	1207.561	2	36.86	0.00021	GPSGAVSQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.739.739.2.dta
GPSGVXSAQQLXR 5 0 4 1 1010	1	632.8187	1263.623	2	40.94	0.00021	GPSGVSSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.955.955.2.dta
GPSGVXSAQQLXR 1 9 7 0 395	1	715.8185	1429.622	2	45.25	0.00021	GPSGVDVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.890.890.2.dta
SXPFKXSLXFG 0 8 9 1 180	1	507.5913	1519.752	3	43.1	0.00021	SAPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1284.1284.3.dta
GPSGVXSAQQLXR 8 4 0 0 1681	1	639.8135	1277.613	2	47.19	0.00021	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.808.808.2.dta
SXPFKXSLXFG 9 2 9 0 1859	1	557.5914	1669.752	3	37.07	0.00021	SYPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1214.1214.3.dta
SXPFKXSLXFG 3 6 9 1 740	1	528.9212	1583.742	3	42.91	0.00021	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1085.1085.3.dta
GPSGVXSAQQLXR 0 2 9 0 59	1	707.8216	1413.629	2	44.93	0.00021	GPSGAVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.863.863.2.dta
SXPFKXSLXFG 3 0 3 1 608	1	518.2585	1551.754	3	36.98	0.00021	SFPFKASLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1202.1202.3.dta
GPSGVXSAQQLXR 2 4 6 1 494	1	648.7947	1295.575	2	43.12	0.00021	GPSGVEVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.715.715.2.dta
GPSGVXSAQQLXR 3 5 3 1 708	1	715.8572	1429.7	2	44.32	0.00021	GPSGFVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1536.1536.2.dta
SXPFKXSLXFG 4 9 2 1 986	1	512.9089	1535.705	3	45.82	0.00021	SGPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.991.991.3.dta
SXPFKXSLXFG 4 7 0 0 941	1	482.2374	1443.69	3	42.71	0.00021	SGPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.947.947.3.dta
SXPFKXSLXFG 0 4 2 1 86	1	482.2343	1443.681	3	44.48	0.00021	SGPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.877.877.3.dta
GPSGVXSAQQLXR 4 7 8 1 958	1	640.8162	1279.618	2	42.25	0.00021	GPSGVDVTAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.841.841.2.dta
GPSGVXSAQQLXR 4 0 3 1 808	1	649.8106	1297.607	2	45.04	0.00021	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1100.1100.2.dta
GPSGVXSAQQLXR 1 0 3 1 208	1	678.8135	1355.613	2	46.74	0.00021	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1042.1042.2.dta
GPSGVXSAQQLXR 3 5 2 1 706	1	471.5653	1411.674	3	43.01	0.00021	GPSGFVSLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1156.1156.3.dta
GPSGVXSAQQLXR 5 0 8 0 1017	1	445.566	1333.676	3	39.96	0.0002	GPSGVSSAQLVLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1287.1287.3.dta
GPSGVXSAQQLXR 8 5 3 0 1707	1	705.8621	1409.71	2	37.83	0.0002	GPSGVVSLAQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1991.1991.2.dta
GPSGVXSAQQLXR 4 3 3 1 868	1	687.8275	1373.64	2	45.48	0.0002	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1808.1808.2.dta
SXPFKXSLXFG 7 6 2 0 1525	1	766.8594	1531.704	2	42.41	0.0002	STPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.913.913.2.dta
SXPFKXSLXFG 6 5 2 0 1305	1	772.8794	1543.744	2	44.58	0.0002	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1177.1177.2.dta
GPSGVXSAQQLXR 4 4 4 1 890	1	597.7795	1193.544	2	43.14	0.0002	GPSGVDVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.720.720.2.dta
SXPFKXSLXFG 2 1 2 0 425	1	530.2394	1587.996	3	41.16	0.0002	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1070.1070.3.dta
GPSGVXSAQQLXR 9 6 1 1 1924	1	694.8108	1387.607	2	45.03	0.0002	GPSGVSSAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.880.880.2.dta
GPSGVXSAQQLXR 1 7 5 0 351	1	690.8276	1379.641	2	44.15	0.0002	GPSGVDVTAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.953.953.2.dta
GPSGVXSAQQLXR 4 7 7 0 955	1	437.5401	1309.599	3	38.28	0.0002	GPSGVDVTAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.748.748.3.dta
GPSGVXSAQQLXR 5 0 5 0 1011	1	450.2375	1347.691	3	37.3	0.00019	GPSGLVSSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1498.1498.3.dta
SXPFKXSLXFG 0 5 8 0 117	1	500.2656	1497.775	3	38.49	0.00019	SAPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1468.1468.3.dta
SXPFKXSLXFG 4 2 0 0 841	1	491.5691	1471.685	3	44.44	0.00019	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.907.907.3.dta
SXPFKXSLXFG 7 9 8 1 1598	1	517.5934	1549.759	3	43.54	0.00019	STPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1026.1026.3.dta
GPSGVXSAQQLXR 8 7 1 1 1744	1	669.8201	1337.626	2	43.15	0.00019	GPSGVVTAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.815.815.2.dta
GPSGVXSAQQLXR 0 5 9 1 120	1	457.5617	1369.663	3	44.91	0.00019	GPSGAVSLAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1055.1055.3.dta
GPSGVXSAQQLXR 5 4 3 0 1087	1	684.8363	1367.558	2	44.22	0.00019	GPSGLVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1192.1192.2.dta
GPSGVXSAQQLXR 5 4 3 0 1087	1	684.837	1367.66	2	43.45	0.00019	GPSGLVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1249.1249.2.dta
GPSGVXSAQQLXR 0 5 8 1 118	1	653.8419	1305.669	2	43.72	0.00018	GPSGAVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1218.1218.2.dta
GPSGVXSAQQLXR 5 3 8 1 1078	1	691.8576	1381.701	2	44.76	0.00018	GPSGLVSSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1432.1432.2.dta
SXPFKXSLXFG 6 5 2 1 1306	1	506.2539	1515.74	3	43.41	0.00018	SFPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1098.1098.3.dta
GPSGVXSAQQLXR 5 4 0 0 1081	1	431.5482	1291.623	3	44.76	0.00018	GPSGLVSSAQLAR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1094.1094.3.dta
GPSGVXSAQQLXR 6 1 6 1 1234	1	656.7921	1311.57	2	41.28	0.00018	GPSGVDVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.712.712.2.dta
GPSGVXSAQQLXR 1 0 4 0 209	1	432.1972	1293.57	3	48.3	0.00018	GPSGVDVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.761.761.3.dta
GPSGVXSAQQLXR 6 8 1 1 1364	1	662.813	1323.612	2	42.27	0.00018	GPSGVDVSAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.944.944.2.dta
SXPFKXSLXFG 1 5 2 0 305	1	786.8748	1571.735	2	44.74	0.00018	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1238.1238.2.dta
GPSGVXSAQQLXR 9 3 9 1 1880	1	748.8436	1495.673	2	46.88	0.00018	GPSGVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1274.1274.2.dta
GPSGVXSAQQLXR 5 2 0 0 1041	1	682.8328	1363.651	2	44.3	0.00018	GPSGVDVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.946.946.2.dta
GPSGVXSAQQLXR 0 3 3 1 68	1	694.8349	1387.655	2	45.72	0.00018	GPSGAVSFAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1323.1323.2.dta
SXPFKXSLXFG 2 5 9 0 519	1	540.9319	1619.774	3	42.73	0.00018	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1143.1143.3.dta
GPSGVXSAQQLXR 3 0 4 0 609	1	663.8121	1325.61	2	43.41	0.00018	GPSGVSSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1033.1033.2.dta
GPSGVXSAQQLXR 0 8 9 1 180	1	678.8321	1355.65	2	45.16	0.00018	GPSGAVVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.968.968.2.dta
GPSGVXSAQQLXR 9 6 3 1 1928	1	710.8279	1419.641	2	45.84	0.00018	GPSGVSSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1068.1068.2.dta
GPSGVXSAQQLXR 1 8 5 1 372	1	675.8376	1349.661	2	45.35	0.00018	GPSGVDVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1197.1197.2.dta
GPSGVXSAQQLXR 2 0 2 1 406	1	676.8082	1351.602	2	44.1	0.00018	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.835.835.2.dta
GPSGVXSAQQLXR 2 7 8 1 558	1	676.8289	1351.643	2	45.61	0.00018	GPSGVEVTAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.854.854.2.dta
GPSGVXSAQQLXR 6 4 8 1 1298	1	633.8074	1265.6	2	38.79	0.00018	GPSGVSSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.816.816.2.dta
GPSGVXSAQQLXR 5 7 1 0 1143	1	690.8281	1379.642	2	44.67	0.00018	GPSGVDVTAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1112.1112.2.dta
GPSGVXSAQQLXR 0 9 6 1 194	1	672.8137	1343.613	2	48.65	0.00018	GPSGVDVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.824.824.2.dta
SXPFKXSLXFG 1 5 1 0 303	1	520.2483	1557.723	3	45.28	0.00017	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1186.1186.3.dta
GPSGVXSAQQLXR 3 5 8 1 718	1	691.8606	1381.707	2	42.03	0.00017	GPSGFVSLAQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1847.1847.2.dta
GPSGVXSAQQLXR 3 3 3 1 668	1	732.8492	1463.684	2	46.83	0.00017	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1528.1528.2.dta
GPSGVXSAQQLXR 2 5 5 0 511	1	703.8558	1405.697	2	46.32	0.00017	GPSGVEVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1271.1271.2.dta
SXPFKXSLXFG 6 0 3 1 1208	1	498.245	1491.713	3	45.78	0.00017	SFPFKASLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1034.1034.3.dta
GPSGVXSAQQLXR 0 2 2 0 45	1	690.8132	1379.612	2	48.18	0.00017	GPSGAVSEAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.847.847.2.dta
GPSGVXSAQQLXR 6 8 2 1 1366	1	446.8809	1337.621	3	43.6	0.00017	GPSGVDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.839.839.3.dta
GPSGVXSAQQLXR 3 4 7 0 695	1	678.8186	1355.623	2	44.59	0.00017	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.962.962.2.dta
GPSGVXSAQQLXR 0 2 1 0 43	1	683.804	1365.594	2	45.47	0.00017	GPSGAVSEAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.784.784.2.dta
SXPFKXSLXFG 6 6 6 0 1333	1	738.8456	1475.677	2	43.28	0.00017	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.921.921.2.dta
SXPFKXSLXFG 5 5 5 1 1112	1	509.6181	1525.832	3	37.91	0.00016	SLPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1735.1735.3.dta
GPSGVXSAQQLXR 0 5 8 1 118	1	653.8432	1305.672	2	44.23	0.00016	GPSGAVSLAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1128.1128.2.dta
SXPFKXSLXFG 7 9 9 1 1600	1	538.9246	1613.752	3	38.06	0.00016	STPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1049.1049.3.dta
SXPFKXSLXFG 5 3 5 1 1072	1	520.9461	1559.817	3	38	0.00016	SLPFKXSLPFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1732.1732.3.dta
GPSGVXSAQQLXR 4 4 0 1 882	1	604.787	1207.559	2	41.88	0.00016	GPSGVDVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.729.729.2.dta
SXPFKXSLXFG 9 2 9 0 599	1	835.8843	1669.754	2	38.08	0.00016	SFPFKXSLPFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V

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 6 9 3 1 1388	1	710.8294	1419.644	2	47.53	0.00015	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1128.1128.2.dta
SXPFKXSPXFGR 6 5 9 0 1319	1	526.93	1577.768	3	42.46	0.00015	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1460.1460.3.dta
GPSGXVSAQXLR 9 3 1 1 1864	1	724.8289	1447.643	2	46.88	0.00015	GPSGVVSAQFLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1426.1426.2.dta
GPSGXVSAQXLR 1 4 3 1 288	1	671.8047	1341.595	2	46.76	0.00015	GPSGDVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.964.964.2.dta
GPSGXVSAQXLR 1 5 2 0 305	1	704.8262	1407.638	2	46.36	0.00015	GPSGDVSAQFLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1020.1020.2.dta
GPSGXVSAQXLR 3 2 3 1 648	1	723.8369	1445.659	2	45.31	0.00015	GPSGVVSEAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1215.1215.2.dta
GPSGXVSAQXLR 0 9 4 1 190	1	657.8085	1313.602	2	46.37	0.00015	GPSGVVSAQFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.841.841.2.dta
GPSGXVSAQXLR 9 9 5 0 1991	1	745.8552	1489.696	2	44.33	0.00015	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1224.1224.2.dta
GPSGXVSAQXLR 0 5 8 1 118	1	653.8425	1305.671	2	44.8	0.00014	GPSGVVSAQFLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1143.1143.2.dta
GPSGXVSAQXLR 5 8 5 1 1172	1	674.8678	1347.721	2	43.22	0.00014	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1871.1871.2.dta
GPSGXVSAQXLR 0 8 0 1 162	1	632.8195	1263.625	2	40.31	0.00014	GPSGVVSAQFLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.898.898.2.dta
SXPFKXSPXFGR 5 6 0 1 1122	1	486.9182	1457.733	3	45.92	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1172.1172.3.dta
SXPFKXSPXFGR 4 5 2 1 906	1	496.2503	1485.729	3	46.78	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1357.1357.3.dta
GPSGXVSAQXLR 5 1 0 0 1021	1	675.8218	1349.629	2	46.78	0.00014	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.936.936.2.dta
GPSGXVSAQXLR 3 3 3 1 668	1	732.8491	1463.684	2	47.85	0.00014	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1487.1487.2.dta
GPSGXVSAQXLR 5 0 4 1 1010	1	632.8199	1263.625	2	40.2	0.00014	GPSGVVSAQFLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1138.1138.2.dta
SXPFKXSPXFGR 4 6 4 1 930	1	463.5582	1387.653	3	47.23	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.965.965.3.dta
GPSGXVSAQXLR 0 3 5 1 72	1	677.8424	1353.67	2	46.75	0.00014	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1385.1385.2.dta
GPSGXVSAQXLR 0 4 6 1 94	1	619.7924	1237.57	2	45.82	0.00014	GPSGVVSAQFLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.720.720.2.dta
GPSGXVSAQXLR 0 9 8 0 197	1	692.8345	1383.655	2	42.86	0.00014	GPSGVVSAQFLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.984.984.2.dta
GPSGXVSAQXLR 8 0 0 1 1602	1	632.8185	1263.623	2	42.48	0.00014	GPSGVVSAQFLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.866.866.2.dta
GPSGXVSAQXLR 8 8 5 1 1772	1	667.8589	1333.703	2	44.68	0.00014	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1255.1255.2.dta
GPSGXVSAQXLR 2 8 6 0 573	1	683.8215	1365.628	2	45.05	0.00014	GPSGVVSAQFLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.858.858.2.dta
SXPFKXSPXFGR 5 2 9 1 1060	1	531.5966	1591.768	3	39.2	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1029.1029.3.dta
GPSGXVSAQXLR 3 0 0 1 602	1	656.8192	1311.624	2	44.32	0.00014	GPSGVVSAQFLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.993.993.2.dta
SXPFKXSPXFGR 4 1 2 0 825	1	506.2306	1515.67	3	46.65	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.921.921.3.dta
SXPFKXSPXFGR 5 7 1 1 1144	1	676.8295	1351.644	2	46.83	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1080.1080.2.dta
GPSGXVSAQXLR 2 9 3 1 588	1	731.8348	1461.655	2	45.79	0.00014	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1121.1121.2.dta
GPSGXVSAQXLR 3 3 4 0 669	1	701.83	1401.645	2	41.17	0.00014	GPSGVVSAQFLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1241.1241.2.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
SXPFKXSPXFGR 2 2 5 0 451	1	793.8846	1585.755	2	43.45	0.00014	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1090.1090.2.dta
SXPFKXSPXFGR 5 5 1 0 1103	1	519.6019	1555.784	3	44.15	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1240.1240.3.dta
SXPFKXSPXFGR 7 9 3 1 1588	1	533.5932	1597.758	3	42.66	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1114.1114.3.dta
SXPFKXSPXFGR 2 2 9 0 459	1	546.2515	1635.733	3	42.78	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1109.1109.3.dta
SXPFKXSPXFGR 9 9 3 1 1988	1	554.2652	1659.774	3	44.01	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1161.1161.3.dta
GPSGXVSAQXLR 6 1 0 0 1221	1	662.7956	1323.577	2	47.55	0.00013	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.744.744.2.dta
GPSGXVSAQXLR 0 4 2 0 85	1	654.7998	1307.585	2	46.15	0.00013	GPSGVVSAQFLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.776.776.2.dta
SXPFKXSPXFGR 4 6 9 0 939	1	508.2398	1521.698	3	49.08	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.930.930.3.dta
GPSGXVSAQXLR 4 4 6 1 894	1	612.7855	1223.556	2	42.8	0.00013	GPSGVVSAQFLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.725.725.2.dta
GPSGXVSAQXLR 5 1 8 0 1037	1	689.8401	1377.666	2	43.96	0.00013	GPSGVVSAQFLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1274.1274.2.dta
GPSGXVSAQXLR 0 4 1 0 813	1	647.7916	1293.569	2	48.58	0.00013	GPSGVVSAQFLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.760.760.2.dta
SXPFKXSPXFGR 4 9 9 0 999	1	533.5845	1597.732	3	41.77	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1043.1043.3.dta
SXPFKXSPXFGR 4 3 8 1 878	1	497.5867	1489.738	3	40.61	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1485.1485.3.dta
GPSGXVSAQXLR 1 0 6 0 213	1	662.7981	1323.582	2	44.79	0.00013	GPSGVVSAQFLSR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.816.816.2.dta
GPSGXVSAQXLR 0 8 4 1 170	1	625.8109	1249.607	2	40.19	0.00013	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.856.856.2.dta
GPSGXVSAQXLR 3 9 8 1 798	1	716.8483	1431.682	2	46.08	0.00013	GPSGVVSAQFLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1217.1217.2.dta
SXPFKXSPXFGR 4 6 2 0 925	1	496.9007	1487.68	3	46.46	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1015.1015.3.dta
SXPFKXSPXFGR 2 2 0 0 441	1	515.5754	1543.705	3	46.93	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.912.912.3.dta
SXPFKXSPXFGR 8 8 2 0 1765	1	514.9279	1541.762	3	46.68	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1337.1337.3.dta
SXPFKXSPXFGR 3 5 9 0 719	1	546.9404	1637.799	3	39.56	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1271.1271.3.dta
SXPFKXSPXFGR 1 0 9 1 220	1	512.9092	1535.706	3	48.1	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1005.1005.3.dta
GPSGXVSAQXLR 4 8 4 1 970	1	618.8032	1235.592	2	38.96	0.00013	GPSGVVSAQFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.864.864.2.dta
GPSGXVSAQXLR 9 1 2 1 1826	1	715.8148	1429.615	2	44.31	0.00013	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.835.835.2.dta
GPSGXVSAQXLR 9 2 9 1 1860	1	739.8314	1477.648	2	44.81	0.00013	GPSGVVSAQFLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.930.930.2.dta
SXPFKXSPXFGR 5 4 2 1 1086	1	496.2489	1485.725	3	47.34	0.00013	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1008.1008.3.dta
GPSGXVSAQXLR 6 9 9 1 1400	1	718.8264	1435.638	2	49.87	0.00013	GPSGVVSAQFLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.912.912.2.dta
GPSGXVSAQXLR 1 0 2 0 205	1	683.8029	1365.591	2	46.47	0.00013	GPSGDVSAQFLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.778.778.2.dta
GPSGXVSAQXLR 0 6 4 0 129	1	633.7933	1265.572	2	48.47	0.00013	GPSGVVSAQFLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.736.736.2.dta
GPSGXVSAQXLR 5 2 9 1 1060	1	714.844	1427.673	2	44.29	0.00013	GPSGVVSAQFLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1042.1042.2.dta
GPSGXVSAQXLR 9 5 5 0 1911	1	480.9131	1439.717	3	42.4	0.00012	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1325.1325.3.dta
GPSGXVSAQXLR 5 3 8 0 1077	1	470.9095	1409.707	3	40.08	0.00012	GPSGVVSAQFLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1703.1703.3.dta
GPSGXVSAQXLR 2 2 9 0 459	1	491.5511	1471.632	3	46.16	0.00012	GPSGVVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.838.838.3.dta
GPSGXVSAQXLR 5 9 5 1 1192	1	471.5786	1411.714	3	45.35	0.00012	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1600.1600.3.dta
SXPFKXSPXFGR 2 8 1 0 563	1	520.2477	1557.721	3	46.71	0.00012	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1064.1064.3.dta
GPSGXVSAQXLR 0 4 0 1 82	1	611.7961	1221.578	2	39.3	0.00012	GPSGVVSAQFLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.729.729.2.dta
SXPFKXSPXFGR 7 2 3 1 463	1	536.2484	1605.723	3	44.76	0.00012	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1184.1184.3.dta
GPSGXVSAQXLR 0 5 3 1 108	1	677.8427	1353.671	2	44.78	0.00012	GPSGVVSAQFLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1288.1288.2.dta
GPSGXVSAQXLR 0 5 0 1 102	1	639.8267	1277.639	2	43.48	0.00012	GPSGVVSAQFLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1043.1043.2.dta
SXPFKXSPXFGR 2 2 2 0 445	1	801.8629	1601.711	2	42.28	0.00012	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.980.980.2.dta
GPSGXVSAQXLR 8 0 4 1 1610	1	625.811	1249.608	2	40.43	0.00012	GPSGVVSAQFLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.867.867.2.dta
SXPFKXSPXFGR 8 0 8 1 1618	1	486.2581	1455.752	3	45.65	0.00012	SXPFKXSPYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1048.1048.3.dta
GPSGXVSAQXLR 4 0 8 1 818	1	625.8108	1249.607	2	40.37	0.00012	GPSGVVSAQFLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.939.939.2.dta
GPSGXVSAQXLR 4 3 5 0 871	1	684.8351	1367.656	2	46.84	0.00012	GPSGVVSAQFLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1307.1307.2.dta
GPSGXVSAQXLR 0 3 3 1 68	1	694.8342	1387.654	2	48.07	0.00012	GPSGVVSAQFLK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1304.1304.2.dta
GPSGXVSAQXLR 0 0 3 1 8	1	656.8176	1311.621	2	47.3	0.00012	GPSGVVSAQFLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1090.1090.2.dta
GPSGXVSAQXLR 2 5 7 0 515	1	697.8369	1393.659	2	44.95	0.00012	GPSGVVSAQFLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_3

GPSGVXSXAQLXR 6 5 8 0 1317	1	450.8969	1349.669	3	41.27	0.00011	GPSGSVLAQLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1338.1338.3.dta
GPSGVXSXAQLXR 9 0 4 1 1810	1	657.8098	1313.605	2	47.51	0.00011	GPSGVSSAAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.975.975.2.dta
GPSGVXSXAQLXR 0 4 9 0 99	1	671.8113	1341.608	2	43.09	0.0001	GPSGVSSGAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.872.872.2.dta
SXPFKXSLXFGJR 4 5 8 0 917	1	742.8881	1483.762	2	41.6	0.0001	SGPFKLSPLVFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1610.1610.2.dta
GPSGVXSXAQLXR 2 9 5 0 591	1	728.8441	1455.674	2	46	0.0001	GPSGVSVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1128.1128.2.dta
SXPFKXSLXFGJR 4 6 6 1 934	1	473.5604	1417.659	3	50	0.0001	SGPFKSSPLSFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.876.876.3.dta
SXPFKXSLXFGJR 3 6 3 1 728	1	523.589	1567.745	3	44.14	0.0001	SFPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1103.1103.3.dta
SXPFKXSLXFGJR 4 6 2 0 925	1	496.8995	1487.677	3	49.03	0.0001	SFPFKSSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.898.898.3.dta
GPSGVXSXAQLXR 2 4 9 1 500	1	686.8103	1371.606	2	48.18	0.0001	GPSGVSVAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.801.801.2.dta
GPSGVXSXAQLXR 4 3 9 0 879	1	709.8255	1417.636	2	48.04	0.0001	GPSGVSFAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1139.1139.2.dta
SXPFKXSLXFGJR 8 6 3 1 1728	1	507.5897	1519.747	3	47.09	0.0001	SVPFKSSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1025.1025.3.dta
SXPFKXSLXFGJR 4 5 4 0 909	1	481.5772	1441.71	3	48.38	0.0001	SGPFKLSPLGFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1372.1372.3.dta
SXPFKXSLXFGJR 8 3 9 1 1680	1	532.9342	1595.781	3	42.52	0.0001	SVPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1185.1185.3.dta
GPSGVXSXAQLXR 0 9 1 20	1	664.8159	1327.617	2	47.62	0.0001	GPSGAVSAAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.864.864.2.dta
SXPFKXSLXFGJR 0 3 4 1 70	1	488.243	1461.707	3	42.07	0.0001	SAPFKSPLGFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1398.1398.3.dta
SXPFKXSLXFGJR 0 1 0 0 21	1	491.5698	1471.688	3	47.18	9.90E-05	SAPFKDSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1036.1036.3.dta
GPSGVXSXAQLXR 5 9 8 1 1198	1	699.8569	1397.699	2	46.99	9.90E-05	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1175.1175.2.dta
SXPFKXSLXFGJR 6 4 2 1 1286	1	487.566	1459.676	3	48.22	9.90E-05	SFPFKSSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.890.890.3.dta
GPSGVXSXAQLXR 1 8 2 0 365	1	697.8184	1393.622	2	46.92	9.70E-05	GPSGDVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.899.899.2.dta
GPSGVXSXAQLXR 2 9 9 1 600	1	739.8311	1477.648	2	46.21	9.70E-05	GPSGVSVAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.938.938.2.dta
SXPFKXSLXFGJR 1 3 9 0 279	1	547.5872	1639.74	3	43.68	9.70E-05	SDFPKSPLVFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1209.1209.3.dta
GPSGVXSXAQLXR 8 8 8 1 1778	1	660.8502	1319.686	2	45.3	9.60E-05	GPSGVSSVAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1111.1111.2.dta
GPSGVXSXAQLXR 5 2 6 0 1053	1	690.8287	1379.643	2	46.83	9.60E-05	GPSGLVSEAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.920.920.2.dta
GPSGVXSXAQLXR 6 4 1 1 1284	1	641.7879	1281.561	2	44.26	9.60E-05	GPSGVSSGAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.712.712.2.dta
GPSGVXSXAQLXR 5 3 5 1 1072	1	466.2473	1395.72	3	43.94	9.50E-05	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1854.1854.3.dta
SXPFKXSLXFGJR 9 9 9 1 2000	1	559.5972	1675.77	3	42.76	9.50E-05	SYPFKSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1080.1080.3.dta
GPSGVXSXAQLXR 3 5 9 1 720	1	723.8557	1445.697	2	47.78	9.50E-05	GPSGVSFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1400.1400.2.dta
GPSGVXSXAQLXR 1 0 4 6 1 94	1	619.7926	1237.571	2	47.5	9.50E-05	GPSGAVSQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.714.714.2.dta
GPSGVXSXAQLXR 9 9 3 0 1987	1	762.8465	1523.678	2	51.33	9.50E-05	GPSGVSSVAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1288.1288.2.dta
GPSGVXSXAQLXR 8 8 3 1 1768	1	456.9018	1367.684	3	48.22	9.50E-05	GPSGDVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1251.1251.3.dta
GPSGVXSXAQLXR 9 8 0 1 1962	1	678.8341	1355.654	2	47.02	9.50E-05	GPSGVSSVAQLAK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1231.1231.2.dta
GPSGVXSXAQLXR 0 5 8 0 117	1	445.5653	1333.674	3	41.59	9.40E-05	GPSGAVSQAQLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1406.1406.3.dta
GPSGVXSXAQLXR 5 8 1 0 1163	1	689.8414	1377.668	2	45.77	9.40E-05	GPSGLVSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1391.1391.2.dta
GPSGVXSXAQLXR 9 3 3 0 1863	1	738.8287	1475.643	2	46.67	9.40E-05	GPSGVSSFAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1149.1149.2.dta
SXPFKXSLXFGJR 8 9 9 0 1799	1	547.6003	1639.779	3	40.32	9.30E-05	SVPFKSPLVFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1334.1334.3.dta
SXPFKXSLXFGJR 5 0 9 1 1020	1	512.2617	1533.763	3	46.61	9.30E-05	SPLFKASPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1082.1082.3.dta
GPSGVXSXAQLXR 9 8 5 1 1972	1	699.8552	1397.696	2	47.31	9.20E-05	GPSGVSSVAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1272.1272.2.dta
GPSGVXSXAQLXR 0 9 8 0 197	1	692.8351	1383.656	2	44.67	9.20E-05	GPSGVSVAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.968.968.2.dta
GPSGVXSXAQLXR 9 0 3 0 1807	1	716.8357	1431.657	2	47.58	9.20E-05	GPSGVSSAAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1546.1546.2.dta
SXPFKXSLXFGJR 1 0 2 0 205	1	765.8516	1529.689	2	49.44	9.20E-05	SDFPKSPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1027.1027.2.dta
GPSGVXSXAQLXR 3 4 9 1 700	1	695.8236	1389.633	2	48.14	9.20E-05	GPSGVSSGAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1044.1044.2.dta
GPSGVXSXAQLXR 3 0 8 1 618	1	670.8347	1339.655	2	49.93	9.10E-05	GPSGVSVAQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1420.1420.2.dta
SXPFKXSLXFGJR 5 8 1 0 1163	1	771.8903	1541.766	2	47.22	9.00E-05	SPLFKVSLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1304.1304.2.dta
SXPFKXSLXFGJR 6 3 9 1 1280	1	528.9216	1583.743	3	46.84	9.00E-05	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1476.1476.3.dta
GPSGVXSXAQLXR 4 4 3 0 887	1	656.8063	1311.598	2	47.13	9.00E-05	GPSGVSQAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1213.1213.2.dta
GPSGVXSXAQLXR 0 6 1 0 123	1	662.7954	1323.576	2	49.1	8.90E-05	GPSGAVSQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.752.752.2.dta
GPSGVXSXAQLXR 1 0 2 1 206	1	669.8027	1337.591	2	47.51	8.80E-05	GPSGDVSAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.777.777.2.dta
GPSGVXSXAQLXR 9 2 2 0 1845	1	736.8253	1471.636	2	48.04	8.80E-05	GPSGVSSVAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.996.996.2.dta
SXPFKXSLXFGJR 3 9 3 1 788	1	548.9344	1643.871	3	44.42	8.70E-05	SFPFKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1244.1244.3.dta
SXPFKXSLXFGJR 5 0 2 0 1005	1	510.2564	1527.747	3	48.47	8.70E-05	SPLFKASPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1014.1014.2.dta
SXPFKXSLXFGJR 4 1 9 1 840	1	508.2375	1521.691	3	49.94	8.70E-05	SGPFKLSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.945.945.3.dta
GPSGVXSXAQLXR 1 8 3 1 368	1	692.829	1383.644	2	48.59	8.70E-05	GPSGVSVAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1155.1155.2.dta
GPSGVXSXAQLXR 5 8 2 1 1166	1	682.8466	1363.679	2	48.04	8.70E-05	GPSGLVSAQLEK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1361.1361.2.dta
SXPFKXSLXFGJR 1 3 3 1 268	1	532.9215	1595.743	3	42.81	8.60E-05	SDFPKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1289.1289.3.dta
GPSGVXSXAQLXR 2 8 8 0 577	1	689.8408	1377.667	2	46.26	8.60E-05	GPSGVSVAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1014.1014.2.dta
SXPFKXSLXFGJR 5 0 2 0 1005	1	510.2562	1527.747	3	48.53	8.60E-05	SPLFKASPLFEGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1042.1042.3.dta
GPSGVXSXAQLXR 0 1 5 0 31	1	675.8236	1349.633	2	46.61	8.60E-05	GPSGAVSQAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.964.964.2.dta
SXPFKXSLXFGJR 0 0 0 0 1	1	476.9055	1427.695	3	48.78	8.50E-05	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.922.922.3.dta
GPSGVXSXAQLXR 5 2 6 0 1053	1	690.8295	1379.644	2	47.36	8.50E-05	GPSGLVSEAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.932.932.2.dta
GPSGVXSXAQLXR 3 4 4 1 690	1	642.8016	1283.589	2	45.27	8.50E-05	GPSGVSQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.897.897.2.dta
SXPFKXSLXFGJR 1 3 0 1 262	1	507.578	1519.712	3	48.1	8.40E-05	SDFPKSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1194.1194.3.dta
GPSGVXSXAQLXR 2 2 6 0 453	1	698.8087	1395.603	2	48.52	8.40E-05	GPSGLVSEAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.745.745.2.dta
SXPFKXSLXFGJR 1 3 3 0 267	1	542.2572	1623.75	3	40.99	8.40E-05	SDFPKSPLFFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1740.1740.3.dta
SXPFKXSLXFGJR 4 0 5 1 812	1	476.9152	1427.724	3	44.62	8.30E-05	SGPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1009.1009.3.dta
GPSGVXSXAQLXR 3 0 0 1 602	1	656.8194	1311.624	2	46.67	8.30E-05	GPSGFVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1001.1001.2.dta
GPSGVXSXAQLXR 1 4 6 1 294	1	641.7869	1281.559	2	44.88	8.30E-05	GPSGLVSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.713.713.2.dta
GPSGVXSXAQLXR 5 5 3 1 1108	1	698.866	1395.718	2	45.56	8.20E-05	GPSGLVLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1456.1456.2.dta
SXPFKXSLXFGJR 6 6 9 1 1340	1	508.9085	1523.704	3	48.49	8.10E-05	SFPFKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.915.915.3.dta
GPSGVXSXAQLXR 2 7 1 1 544	1	684.8074	1367.6	2	42.22	8.10E-05	GPSGLVSTAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.730.730.2.dta
GPSGVXSXAQLXR 1 5 5 0 311	1	696.8481	1391.682	2	48.38	8.00E-05	GPSGDVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1272.1272.2.dta
GPSGVXSXAQLXR 1 6 1 0 323	1	456.8641	1367.571	3	45.04	8.00E-05	GPSGDVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.729.729.3.dta
GPSGVXSXAQLXR 6 2 1 0 1243	1	461.536	1381.586	3	47.29	7.70E-05	GPSGVSVAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.739.739.3.dta
GPSGVXSXAQLXR 2 0 2 0 405	1	690.8118	1379.609	2	47.73	7.80E-05	GPSGVSAAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.794.794.2.dta
GPSGVXSXAQLXR 5 5 3 1 1108	1	698.8666	1395.719	2	44.84	7.70E-05	GPSGLVLAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1632.1632.2.dta
GPSGVXSXAQLXR 6 5 3 0 1307	1	699.8394	1397.664	2	50.22	7.70E-05	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1346.1346.2.dta
GPSGVXSXAQLXR 4 8 0 0 961	1	639.8142	1277.614	2	51.58	7.70E-05	GPSGVSVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.895.895.2.dta
GPSGVXSXAQLXR 8 1 7 0 1635	1	683.8226	1365.631	2	47.97	7.70E-05	GPSGVSSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.841.841.2.dta
SXPFKXSLXFGJR 1										

GPSGXVSAQXLR 1 2 0 0 241	1	683.8029	1365.591	2	49.32	6.90E-05	GPSGDVSEAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.769.769.2.dta
GPSGXVSAQXLR 5 4 0 1 1082	1	632.8174	1263.62	2	45.71	6.80E-05	GPSGLVSGAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.880.880.2.dta
GPSGXVSAQXLR 9 9 1 1 1984	1	732.827	1463.639	2	50.14	6.80E-05	GPSGVYSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.985.985.2.dta
GPSGXVSAQXLR 1 4 5 1 292	1	654.8115	1307.608	2	48.73	6.80E-05	GPSGVSGAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.947.947.2.dta
GPSGXVSAQXLR 2 2 9 1 460	1	722.8212	1443.628	2	47.17	6.80E-05	GPSGVEAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.834.834.2.dta
GPSGXVSAQXLR 4 5 4 1 910	1	625.8096	1249.605	2	43.05	6.70E-05	GPSGVSLAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.953.953.2.dta
GPSGXVSAQXLR 5 5 0 1 1102	1	660.8508	1319.687	2	46.85	6.70E-05	GPSGLVSLAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1201.1201.2.dta
GPSGXVSAQXLR 8 7 1 1 1744	1	669.8215	1337.629	2	48.94	6.70E-05	GPSGVVSTAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.828.828.2.dta
GPSGXVSAQXLR 0 8 1 1 164	1	654.8156	1307.617	2	48.91	6.70E-05	GPSGAVSAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.991.991.2.dta
SXPFKXSPFXFR 5 9 2 1 1186	1	531.5976	1591.771	3	43.06	6.70E-05	SLPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1097.1097.3.dta
SXPFKXSPFXFR 4 9 0 1 982	1	493.5748	1477.703	3	50.31	6.60E-05	GPSGVSPYLAFLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1188.1188.3.dta
GPSGXVSAQXLR 5 0 5 1 1012	1	660.8495	1319.684	2	46.95	6.60E-05	GPSGLVSAQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1297.1297.2.dta
SXPFKXSPFXFR 5 5 2 0 1105	1	524.2721	1569.795	3	47.11	6.60E-05	SLPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1208.1208.3.dta
SXPFKXSPFXFR 6 0 1 1 1204	1	487.5651	1459.674	3	49.14	6.60E-05	SXPFKASPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1100.1100.3.dta
GPSGXVSAQXLR 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
GPSGXVSAQXLR 9 1 9 1 1840	1	732.824	1463.633	2	48.76	6.60E-05	GPSGAVSFAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.906.906.2.dta
GPSGXVSAQXLR 9 5 5 0 1911	1	480.9128	1439.716	3	43.66	6.50E-05	GPSGVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1303.1303.3.dta
SXPFKXSPFXFR 2 6 9 1 540	1	522.9119	1565.714	3	45.85	6.50E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.914.914.3.dta
GPSGXVSAQXLR 4 9 4 0 989	1	664.8016	1327.589	2	49.79	6.50E-05	GPSGVYSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.850.850.2.dta
SXPFKXSPFXFR 4 1 3 1 828	1	502.9056	1505.695	3	48.1	6.50E-05	SGPKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1061.1061.3.dta
GPSGXVSAQXLR 0 3 0 0 61	1	670.8199	1339.625	2	48.86	6.40E-05	GPSGAVSFAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1083.1083.2.dta
SXPFKXSPFXFR 2 8 9 0 579	1	536.2603	1605.759	3	48.73	6.40E-05	SXPFKVSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1068.1068.3.dta
SXPFKXSPFXFR 0 9 3 1 188	1	523.5894	1567.746	3	46.25	6.30E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1388.1388.3.dta
GPSGXVSAQXLR 9 8 3 0 1967	1	487.5687	1459.684	3	48.08	6.30E-05	GPSGVYSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1262.1262.3.dta
SXPFKXSPFXFR 5 3 0 0 1061	1	773.8948	1545.775	2	42.01	6.30E-05	SLPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1393.1393.2.dta
GPSGXVSAQXLR 5 0 0 1 1002	1	639.8268	1277.639	2	46.31	6.30E-05	GPSGLVSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.961.961.2.dta
GPSGXVSAQXLR 5 3 0 0 1061	1	691.8433	1381.672	2	47.2	6.30E-05	GPSGLVSAQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1280.1280.2.dta
GPSGXVSAQXLR 6 9 3 0 1387	1	724.8287	1447.643	2	50.73	6.30E-05	GPSGVYSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1170.1170.2.dta
SXPFKXSPFXFR 9 0 9 1 1820	1	528.9212	1583.742	3	48.14	6.20E-05	SXPFKASPLYFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1228.1228.3.dta
SXPFKXSPFXFR 2 8 9 1 580	1	526.9246	1577.752	3	46.14	6.20E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1039.1039.3.dta
GPSGXVSAQXLR 6 2 6 1 1254	1	663.8	1325.586	2	48.38	6.20E-05	GPSGVSEQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.724.724.2.dta
GPSGXVSAQXLR 2 4 0 1 482	1	640.799	1279.584	2	51.58	6.20E-05	GPSGVEGAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.728.728.2.dta
GPSGXVSAQXLR 5 8 2 0 1165	1	696.8495	1391.684	2	48.7	6.10E-05	GPSGAVSAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1408.1408.2.dta
GPSGXVSAQXLR 5 7 0 1 1142	1	654.8328	1307.651	2	48.35	6.10E-05	GPSGLVSTAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.958.958.2.dta
GPSGXVSAQXLR 4 3 3 1 868	1	687.827	1373.64	2	50.76	6.00E-05	GPSGVEVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1433.1433.2.dta
GPSGXVSAQXLR 0 8 1 1 164	1	654.8136	1307.613	2	49.4	6.00E-05	GPSGAVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.856.856.2.dta
SXPFKXSPFXFR 4 0 9 1 820	1	493.5743	1477.701	3	50.76	5.90E-05	SGPKASPLYFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.979.979.3.dta
GPSGXVSAQXLR 3 9 5 0 791	1	492.2412	1473.702	3	48.68	5.90E-05	GPSGVYSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1257.1257.3.dta
SXPFKXSPFXFR 3 9 5 1 792	1	537.6053	1609.794	3	43.09	5.90E-05	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1221.1221.3.dta
GPSGXVSAQXLR 2 5 3 1 508	1	706.8419	1411.669	2	45.9	5.90E-05	GPSGVEVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1352.1352.2.dta
GPSGXVSAQXLR 4 4 6 1 894	1	612.7849	1223.555	2	46.28	5.80E-05	GPSGVSEQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.713.713.2.dta
GPSGXVSAQXLR 9 3 3 1 1868	1	494.2339	1479.68	3	52.31	5.80E-05	GPSGVYSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1344.1344.3.dta
GPSGXVSAQXLR 9 0 9 0 1819	1	724.8297	1447.645	2	51.31	5.80E-05	GPSGVYSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1166.1166.2.dta
SXPFKXSPFXFR 6 8 1 1 1364	1	496.9091	1487.706	3	48.61	5.80E-05	SXPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1045.1045.3.dta
SXPFKXSPFXFR 4 1 1 1 824	1	492.2236	1473.649	3	50.75	5.80E-05	SGPKASPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.938.938.3.dta
GPSGXVSAQXLR 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
GPSGXVSAQXLR 9 4 0 1 1882	1	657.8075	1313.6	2	50.64	5.70E-05	GPSGVYSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.786.786.2.dta
SXPFKXSPFXFR 0 8 8 3 1178	1	486.2592	1455.756	3	48.04	5.70E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1292.1292.3.dta
GPSGXVSAQXLR 6 8 3 1 1368	1	678.8324	1355.65	2	49.32	5.60E-05	GPSGVYSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1185.1185.2.dta
GPSGXVSAQXLR 0 9 9 0 199	1	724.8311	1447.648	2	50.87	5.60E-05	GPSGAVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.984.984.2.dta
GPSGXVSAQXLR 3 6 8 0 737	1	462.225	1383.653	3	43.63	5.60E-05	GPSGVYSAQLVLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.981.981.3.dta
SXPFKXSPFXFR 2 4 9 1 600	1	548.2568	1641.749	3	42.59	5.50E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1033.1033.3.dta
GPSGXVSAQXLR 4 5 5 1 912	1	653.8422	1305.67	2	49.02	5.50E-05	GPSGVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1352.1352.2.dta
GPSGXVSAQXLR 0 5 6 1 114	1	647.8242	1293.634	2	49.43	5.50E-05	GPSGAVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.945.945.2.dta
GPSGXVSAQXLR 5 5 3 1 1108	1	698.8649	1395.715	2	47.39	5.40E-05	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1495.1495.2.dta
GPSGXVSAQXLR 5 8 4 1 1170	1	646.8347	1291.655	2	49.87	5.40E-05	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1344.1344.2.dta
GPSGXVSAQXLR 5 6 5 1 1132	1	668.8475	1335.681	2	50.53	5.40E-05	GPSGLVSAQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1147.1147.2.dta
SXPFKXSPFXFR 3 0 3 1 608	1	518.2578	1551.752	3	43.45	5.40E-05	SXPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1192.1192.3.dta
GPSGXVSAQXLR 0 9 0 0 19	1	678.8193	1355.624	2	46.17	5.40E-05	GPSGAVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.887.887.2.dta
GPSGXVSAQXLR 6 9 4 1 1390	1	665.8061	1329.598	2	51.07	5.40E-05	GPSGVYSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.808.808.2.dta
GPSGXVSAQXLR 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
SXPFKXSPFXFR 8 9 9 1 1800	1	538.2653	1611.774	3	43.58	5.30E-05	SXPFKVSPLYFVGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1083.1083.3.dta
SXPFKXSPFXFR 4 5 5 1 912	1	490.9303	1469.769	3	48.33	5.30E-05	SGPKFSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1194.1194.3.dta
SXPFKXSPFXFR 1 8 5 1 372	1	505.5947	1513.762	3	50.51	5.30E-05	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1177.1177.3.dta
GPSGXVSAQXLR 4 8 3 1 968	1	663.8259	1325.637	2	51.48	5.30E-05	GPSGVYSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1228.1228.2.dta
SXPFKXSPFXFR 2 0 0 0 401	1	496.2414	1485.702	3	50.06	5.10E-05	SXPFKASPLAFLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.937.937.3.dta
SXPFKXSPFXFR 0 4 2 0 85	1	491.5684	1471.683	3	50.12	5.10E-05	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.899.899.3.dta
GPSGXVSAQXLR 3 0 4 0 609	1	663.813	1325.611	2	48.96	5.10E-05	GPSGVYSAQAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1218.1218.2.dta
GPSGXVSAQXLR 1 2 3 0 247	1	721.8173	1441.62	2	46.36	5.10E-05	GPSGDVSEAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1020.1020.2.dta
SXPFKXSPFXFR 1 5 1 1 304	1	510.913	1529.717	3	48.86	5.10E-05	SXPFKVSPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1493.1493.3.dta
GPSGXVSAQXLR 0 7 8 0 157	1	661.8259	1321.637	2	47.29	5.10E-05	GPSGAVSTAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.848.848.2.dta
SXPFKXSPFXFR 0 2 2 0 45	1	772.8589	1543.703	2	50.05	5.00E-05	SXPFKVSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.932.932.2.dta
GPSGXVSAQXLR 5 9 8 1 1198	1	699.8576	1397.701	2	49.98	5.00E-05	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1153.1153.2.dta
GPSGXVSAQXLR 5 5 1 1 1104	1	682.8445	1363.675	2	50.42	5.00E-05	GPSGLVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1264.1264.2.dta
GPSGXVSAQXLR 6 8 4 1 1370	1	633.8083	1265.602	2	44.32	5.00E-05	GPSGVYSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.848.848.2.dta
GPSGXVSAQXLR 5 8 7 1 1176	1	668.8477	1335.681	2	50.88	5.00E-05	GPSGLVSAQAQLTK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1081.1081.2.dta
SXPFKXSPFXFR 0										

GPSGXVSAQXLR	9 5 3 1	1908	1	482.905	1445.693	3	51.05	4.20E-05	GPSGVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1328.1328.3.dta
SXPFKXSPXLFGR	2 8 0 0	561	1	505.5841	1513.731	3	53	4.20E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1034.1034.3.dta
SXPFKXSPXLFGR	2 9 2 1	586	1	536.9156	1607.725	3	46.73	4.10E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1004.1004.3.dta
GPSGXVSAQXLR	1 6 1 1	324	1	670.7929	1339.571	2	47.13	4.10E-05	GPSGVSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.721.721.2.dta
SXPFKXSPXLFGR	0 9 9 0	199	1	538.2565	1611.748	3	47.97	4.10E-05	SAPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1260.1260.3.dta
SXPFKXSPXLFGR	8 0 8 1	1618	1	486.2589	1455.755	3	49.47	4.10E-05	SAPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.996.996.3.dta
GPSGXVSAQXLR	0 6 9 1	140	1	672.8134	1343.612	2	55.11	4.10E-05	GPSGVSAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.802.802.2.dta
SXPFKXSPXLFGR	4 3 4 0	869	1	738.8557	1475.697	2	49.07	4.10E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1257.1257.2.dta
GPSGXVSAQXLR	0 5 5 0	111	1	450.2372	1347.69	3	44.02	4.00E-05	GPSGAVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1614.1614.3.dta
GPSGXVSAQXLR	5 5 3 0	1107	1	712.8719	1423.729	2	47.16	4.00E-05	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2151.2151.2.dta
GPSGXVSAQXLR	0 4 0 1	82	1	611.796	1221.577	2	44.01	4.00E-05	GPSGVSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.728.728.2.dta
SXPFKXSPXLFGR	9 1 2 0	1825	1	541.5788	1621.715	3	49.03	4.00E-05	SYPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.991.991.3.dta
GPSGXVSAQXLR	9 3 1 0	1863	1	738.8309	1475.647	2	50.1	4.00E-05	GPSGVSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1448.1448.2.dta
GPSGXVSAQXLR	2 8 2 0	565	1	704.827	1407.64	2	52.15	3.90E-05	GPSGEVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.916.916.2.dta
SXPFKXSPXLFGR	0 0 9 0	19	1	507.5809	1519.721	3	47.88	3.90E-05	SAPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.962.962.3.dta
GPSGXVSAQXLR	4 8 0 0	961	1	639.8141	1277.614	2	54.58	3.90E-05	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.889.889.2.dta
GPSGXVSAQXLR	4 0 9 0	819	1	671.8101	1341.606	2	50.5	3.90E-05	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.864.864.2.dta
GPSGXVSAQXLR	9 3 3 0	1867	1	754.8492	1507.684	2	53.13	3.80E-05	GPSGVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1448.1448.2.dta
GPSGXVSAQXLR	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
SXPFKXSPXLFGR	6 5 3 1	1308	1	512.2625	1533.766	3	49.82	3.80E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1224.1224.3.dta
GPSGXVSAQXLR	3 4 4 1	690	1	642.8036	1283.593	2	49.57	3.80E-05	GPSGVSAQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V.897.897.2.dta
GPSGXVSAQXLR	3 5 4 1	720	1	670.8343	1339.654	2	53.8	3.80E-05	GPSGVSAQAQLGK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1587.1587.2.dta
GPSGXVSAQXLR	0 1 0 1	212	1	640.8	1279.585	2	53.69	3.80E-05	GPSGVSAQAQLAK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.783.783.2.dta
SXPFKXSPXLFGR	1 5 5 1	312	1	510.2659	1527.776	3	50.51	3.70E-05	SDPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1293.1293.3.dta
SXPFKXSPXLFGR	0 2 0 2	45	1	772.8608	1543.707	2	52.43	3.70E-05	SAPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.961.961.2.dta
SXPFKXSPXLFGR	4 3 0 0	861	1	497.5773	1489.71	3	48.34	3.70E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1128.1128.3.dta
GPSGXVSAQXLR	8 2 3 0	1647	1	713.8397	1425.665	2	49.73	3.70E-05	GPSGVSAQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1114.1114.2.dta
GPSGXVSAQXLR	8 4 4 0	1689	1	632.8049	1263.595	2	53.46	3.70E-05	GPSGVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.802.802.2.dta
GPSGXVSAQXLR	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
GPSGXVSAQXLR	6 0 1 1	1204	1	648.7968	1295.579	2	50.75	3.70E-05	GPSGVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.744.744.2.dta
SXPFKXSPXLFGR	6 6 0 1	1322	1	478.2335	1431.679	3	51.63	3.60E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.867.867.3.dta
GPSGXVSAQXLR	0 8 3 1	168	1	670.8343	1339.654	2	54.02	3.60E-05	GPSGAVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1207.1207.2.dta
GPSGXVSAQXLR	0 0 4 0	9	1	625.798	1249.581	2	51.44	3.60E-05	GPSGVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.776.776.2.dta
SXPFKXSPXLFGR	1 5 9 1	320	1	526.9261	1577.757	3	51.14	3.60E-05	SDPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1177.1177.3.dta
SXPFKXSPXLFGR	4 4 9 1	900	1	488.9019	1463.684	3	53.62	3.60E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.933.933.3.dta
GPSGXVSAQXLR	6 4 9 0	1299	1	679.8061	1357.598	2	52.41	3.60E-05	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.817.817.2.dta
SXPFKXSPXLFGR	4 5 4 1	910	1	472.2423	1413.705	3	50.75	3.50E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1076.1076.3.dta
SXPFKXSPXLFGR	5 9 5 1	1192	1	526.2792	1575.816	3	44.59	3.50E-05	SLPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1526.1526.3.dta
GPSGXVSAQXLR	5 3 8 1	1078	1	691.8582	1381.702	2	51.88	3.50E-05	GPSGLVSAQAQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1440.1440.2.dta
GPSGXVSAQXLR	6 8 3 1	1368	1	678.8322	1355.65	2	52.28	3.50E-05	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1162.1162.2.dta
SXPFKXSPXLFGR	8 3 1 0	1663	1	526.2559	1575.746	3	49.28	3.50E-05	SVPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1201.1201.3.dta
GPSGXVSAQXLR	5 6 5 1	1132	1	668.8478	1335.681	2	52.41	3.50E-05	GPSGVSAQAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1404.1404.2.dta
GPSGXVSAQXLR	6 1 6 1	1234	1	656.7921	1311.57	2	48.32	3.50E-05	GPSGVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.715.715.2.dta
SXPFKXSPXLFGR	8 0 2 0	1605	1	505.5845	1513.732	3	53.81	3.50E-05	SVPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.970.970.3.dta
GPSGXVSAQXLR	2 4 9 1	500	1	686.8107	1371.607	2	52.98	3.50E-05	GPSGVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.799.799.2.dta
GPSGXVSAQXLR	3 5 3 1	708	1	715.8574	1429.7	2	52.15	3.50E-05	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1503.1503.2.dta
GPSGXVSAQXLR	5 8 8 0	1177	1	454.9097	1361.707	3	44.94	3.40E-05	GPSGLVSAQAQLVR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1511.1511.3.dta
SXPFKXSPXLFGR	6 5 9 1	1320	1	517.5937	1549.759	3	50.95	3.40E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1123.1123.3.dta
GPSGXVSAQXLR	2 8 5 0	571	1	696.8481	1391.682	2	52.06	3.40E-05	GPSGEVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1201.1201.2.dta
SXPFKXSPXLFGR	4 0 0 0	801	1	472.2337	1413.679	3	53.32	3.40E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.921.921.3.dta
GPSGXVSAQXLR	9 8 3 1	1968	1	716.8479	1431.681	2	52.83	3.40E-05	GPSGVSAQAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1402.1402.2.dta
SXPFKXSPXLFGR	2 5 0 0	501	1	510.2567	1527.748	3	50.98	3.40E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1114.1114.3.dta
SXPFKXSPXLFGR	2 6 2 0	525	1	780.858	1559.702	2	51.62	3.40E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.954.954.2.dta
SXPFKXSPXLFGR	3 3 0 0	661	1	527.5918	1579.754	3	45.64	3.40E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1684.1684.3.dta
SXPFKXSPXLFGR	4 8 4 1	970	1	467.5704	1399.69	3	51.44	3.40E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.995.995.3.dta
GPSGXVSAQXLR	8 8 8 1	1778	1	660.8515	1319.689	2	49.84	3.40E-05	GPSGVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1099.1099.2.dta
GPSGXVSAQXLR	1 8 6 1	374	1	442.2099	1323.608	3	49.93	3.40E-05	GPSGDVSAQAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.820.820.3.dta
GPSGXVSAQXLR	1 9 7 0	395	1	715.8179	1429.621	2	53.24	3.30E-05	GPSGDVSAQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.897.897.2.dta
SXPFKXSPXLFGR	4 2 0 0	841	1	491.5688	1471.685	3	52.04	3.30E-05	SGPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.914.914.3.dta
GPSGXVSAQXLR	4 8 4 0	969	1	632.8073	1263.6	2	53.93	3.30E-05	GPSGVSAQAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.995.995.2.dta
GPSGXVSAQXLR	0 1 9 0	39	1	700.8124	1399.61	2	51.45	3.30E-05	GPSGVSAQAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.849.849.2.dta
GPSGXVSAQXLR	3 9 9 0	799	1	762.8467	1523.679	2	55.86	3.30E-05	GPSGVSAQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1208.1208.2.dta
GPSGXVSAQXLR	3 8 4 0	769	1	677.8293	1353.644	2	51.67	3.30E-05	GPSGVSAQAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1427.1427.2.dta
GPSGXVSAQXLR	3 4 0 1	682	1	649.8108	1297.607	2	53.04	3.30E-05	GPSGVSAQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.903.903.2.dta
GPSGXVSAQXLR	5 0 5 0	1011	1	450.2372	1347.69	3	44.89	3.20E-05	GPSGLVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1171.1171.3.dta
GPSGXVSAQXLR	9 8 5 0	1971	1	713.8601	1425.706	2	48.13	3.20E-05	GPSGVSAQAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1703.1703.2.dta
SXPFKXSPXLFGR	0 6 0 1	122	1	472.9023	1415.685	3	54.11	3.20E-05	SAPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.964.964.3.dta
SXPFKXSPXLFGR	2 2 2 0	445	1	534.9111	1601.712	3	48.23	3.20E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1056.1056.3.dta
GPSGXVSAQXLR	8 5 1 1	1704	1	675.8375	1349.661	2	52.8	3.20E-05	GPSGVSAQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1142.1142.2.dta
GPSGXVSAQXLR	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
GPSGXVSAQXLR	5 8 3 0	1167	1	470.9101	1409.708	3	45.92	3.10E-05	GPSGLVSAQAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1812.1812.3.dta
GPSGXVSAQXLR	3 3 5 1	672	1	477.5743	1429.701	3	53.19	3.10E-05	GPSGVSAQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1387.1387.3.dta
SXPFKXSPXLFGR	2 2 9 1	460	1	536.9161	1607.727	3	48.35	3.10E-05	SEPFKXSPXLFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1078.1078.3.dta
GPSGXVSAQXLR	3 0 5 0	611	1	461.5658	1381.676							

GPSGXVSAQQLXR 0 4 7 0 95	1	640.8018	1279.589	2	52.9	2.70E-05	GPSGAVSAQQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.760.760.2.dta
GPSGXVSAQQLXR 5 0 7 0 1015	1	668.8325	1335.65	2	51.52	2.70E-05	GPSGLVSAQQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.991.991.2.dta
GPSGXVSAQQLXR 5 8 5 1 1172	1	674.8652	1347.716	2	50.69	2.60E-05	GPSGLVSAQQLL	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1393.1393.2.dta
GPSGXVSAQQLXR 9 8 5 0 1971	1	713.8587	1425.703	2	49.09	2.60E-05	GPSGVVSAQQLL	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1361.1361.2.dta
SXPFKXSPXLFGR 6 9 9 1 1400	1	534.2535	1599.739	3	51.81	2.60E-05	SPFKXSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1032.1032.3.dta
GPSGXVSAQQLXR 5 5 0 1 1102	1	660.8508	1319.687	2	51.04	2.60E-05	GPSGLVSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1256.1256.2.dta
GPSGXVSAQQLXR 0 4 0 9 99	1	671.8131	1341.612	2	48.33	2.60E-05	GPSGAVSAQQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.927.927.2.dta
GPSGXVSAQQLXR 1 5 6 0 1033	1	683.8217	1365.629	2	52.4	2.60E-05	GPSGLVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.896.896.2.dta
GPSGXVSAQQLXR 4 8 3 1 968	1	663.8265	1325.639	2	54.64	2.60E-05	GPSGGVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1285.1285.2.dta
SXPFKXSPXLFGR 5 8 1 0 1163	1	514.9288	1541.765	3	52.71	2.50E-05	SLPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1496.1496.3.dta
SXPFKXSPXLFGR 4 6 9 1 940	1	498.9064	1493.697	3	55.5	2.50E-05	SGPFKXSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.906.906.3.dta
GPSGXVSAQQLXR 0 1 4 0 29	1	647.7927	1293.571	2	56.84	2.50E-05	GPSGAVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.752.752.2.dta
SXPFKXSPXLFGR 0 0 9 1 20	1	498.2462	1491.717	3	54.26	2.50E-05	SAPFKASPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.962.962.3.dta
GPSGXVSAQQLXR 2 8 2 0 565	1	704.8269	1407.639	2	53.97	2.50E-05	GPSGEVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.920.920.2.dta
GPSGXVSAQQLXR 5 8 3 1 1168	1	691.8584	1381.702	2	51.67	2.50E-05	GPSGLVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1512.1512.2.dta
GPSGXVSAQQLXR 4 8 5 1 972	1	646.8337	1291.653	2	53.19	2.50E-05	GPSGGVSAQLL	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1171.1171.2.dta
SXPFKXSPXLFGR 6 5 2 0 1305	1	515.5886	1543.744	3	53.5	2.50E-05	SPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1396.1396.3.dta
SXPFKXSPXLFGR 4 4 4 1 890	1	453.5547	1357.642	3	52.95	2.50E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.865.865.3.dta
GPSGXVSAQQLXR 6 6 6 1 1334	1	642.7972	1283.58	2	57.33	2.50E-05	GPSGVSSAQLSK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.706.706.2.dta
GPSGXVSAQQLXR 1 9 9 0 399	1	746.8257	1491.637	2	51.4	2.50E-05	GPSGDVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.956.956.2.dta
SXPFKXSPXLFGR 4 8 5 1 972	1	486.2592	1455.756	3	51.53	2.50E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1413.1413.3.dta
GPSGXVSAQQLXR 3 8 2 0 765	1	713.8401	1425.666	2	51.37	2.50E-05	GPSGFVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1184.1184.2.dta
SXPFKXSPXLFGR 2 1 6 0 433	1	691.7992	1381.584	2	51.37	2.40E-05	GPSGLVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.739.739.2.dta
GPSGXVSAQQLXR 5 9 8 0 1197	1	713.8586	1425.703	2	49.41	2.40E-05	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1184.1184.2.dta
GPSGXVSAQQLXR 4 4 4 1 890	1	597.7797	1193.545	2	49.5	2.40E-05	GPSGGVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.723.723.2.dta
GPSGXVSAQQLXR 4 5 3 1 908	1	670.8345	1339.654	2	55.79	2.40E-05	GPSGGVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1417.1417.2.dta
GPSGXVSAQQLXR 2 2 8 0 457	1	470.2202	1407.639	3	54.45	2.30E-05	GPSGVEAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.836.836.3.dta
GPSGXVSAQQLXR 5 5 0 1 1102	1	660.8503	1319.686	2	51.58	2.30E-05	GPSGLVSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1321.1321.2.dta
SXPFKXSPXLFGR 4 2 9 0 859	1	522.2438	1563.71	3	54.07	2.30E-05	SGPFKXSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.944.944.3.dta
GPSGXVSAQQLXR 6 8 3 1 1368	1	678.8309	1355.647	2	54.14	2.30E-05	GPSGGVSAQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1209.1209.2.dta
GPSGXVSAQQLXR 2 2 0 0 441	1	690.8116	1379.609	2	52.98	2.30E-05	GPSGVEAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.769.769.2.dta
SXPFKXSPXLFGR 4 9 9 0 999	1	533.5848	1597.733	3	49.29	2.30E-05	SGPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1276.1276.3.dta
SXPFKXSPXLFGR 9 3 1 0 1863	1	547.5875	1639.741	3	49.88	2.30E-05	SPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1211.1211.3.dta
SXPFKXSPXLFGR 0 2 9 1 60	1	517.5801	1549.718	3	54.12	2.30E-05	SAPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.925.925.3.dta
GPSGXVSAQQLXR 4 9 8 0 997	1	685.8268	1369.639	2	48.95	2.30E-05	GPSGGVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.970.970.2.dta
GPSGXVSAQQLXR 2 6 1 1 524	1	677.7975	1353.58	2	51.54	2.30E-05	GPSGVSSAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.722.722.2.dta
SXPFKXSPXLFGR 3 0 5 0 611	1	516.2659	1545.776	3	46.39	2.30E-05	SFPFKASPLDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1518.1518.3.dta
GPSGXVSAQQLXR 5 5 5 0 1111	1	464.2526	1389.736	3	48.22	2.20E-05	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_40V.1408.1408.3.dta
GPSGXVSAQQLXR 5 3 5 0 1071	1	475.5826	1423.726	3	46.6	2.20E-05	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1876.1876.3.dta
GPSGXVSAQQLXR 5 0 9 0 1019	1	699.8423	1397.67	2	53.2	2.20E-05	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1145.1145.2.dta
SXPFKXSPXLFGR 8 2 8 0 1657	1	514.9284	1541.765	3	53.4	2.20E-05	SVPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1086.1086.3.dta
SXPFKXSPXLFGR 2 2 9 1 460	1	536.9152	1607.724	3	49.39	2.20E-05	SEPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.931.931.3.dta
GPSGXVSAQQLXR 0 4 0 1 82	1	611.7952	1221.576	2	50.5	2.20E-05	GPSGAVSAQQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.729.729.2.dta
SXPFKXSPXLFGR 4 9 3 1 988	1	518.9176	1553.731	3	52.47	2.20E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1415.1415.3.dta
SXPFKXSPXLFGR 6 6 0 1 1322	1	478.2323	1431.677	3	53.71	2.20E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.873.873.3.dta
SXPFKXSPXLFGR 2 8 9 0 579	1	536.2609	1605.761	3	53.33	2.20E-05	SEPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1326.1326.3.dta
GPSGXVSAQQLXR 4 8 5 1 972	1	646.8348	1291.655	2	53.71	2.20E-05	GPSGGVSAQQLL	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1137.1137.2.dta
GPSGXVSAQQLXR 9 5 3 0 1907	1	737.8566	1473.699	2	53.31	2.20E-05	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1433.1433.2.dta
GPSGXVSAQQLXR 0 0 5 1 12	1	639.8272	1277.64	2	50.93	2.20E-05	GPSGAVSAQQLL	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1034.1034.2.dta
GPSGXVSAQQLXR 5 0 4 0 1009	1	646.8184	1291.622	2	53.7	2.20E-05	GPSGLVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1008.1008.2.dta
SXPFKXSPXLFGR 9 8 9 1 1980	1	538.2668	1611.779	3	46.79	2.20E-05	SVPFKESPLYFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1380.1380.3.dta
GPSGXVSAQQLXR 0 4 1 1 84	1	633.7916	1265.569	2	57.32	2.20E-05	GPSGAVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.727.727.2.dta
SXPFKXSPXLFGR 1 3 1 1 264	1	522.2412	1563.702	3	51.62	2.20E-05	SDFPKXSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1203.1203.3.dta
GPSGXVSAQQLXR 6 9 4 0 1389	1	679.8087	1357.603	2	50.83	2.20E-05	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.826.826.2.dta
GPSGXVSAQQLXR 5 0 8 1 1018	1	653.8427	1305.671	2	53.11	2.10E-05	GPSGLVSAQQLVK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1377.1377.2.dta
GPSGXVSAQQLXR 0 5 8 0 117	1	667.8458	1333.677	2	49.69	2.10E-05	GPSGAVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1126.1126.2.dta
SXPFKXSPXLFGR 1 8 1 0 363	1	515.5755	1543.705	3	54.85	2.10E-05	SDPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1107.1107.3.dta
SXPFKXSPXLFGR 4 4 0 0 881	1	467.5627	1399.666	3	56.27	2.10E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1013.1013.3.dta
GPSGXVSAQQLXR 8 8 2 0 1765	1	689.8401	1377.666	2	52.05	2.10E-05	GPSGVVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1045.1045.2.dta
SXPFKXSPXLFGR 5 8 9 1 1180	1	521.6055	1561.795	3	49.77	2.10E-05	SLPFKXSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1176.1176.3.dta
GPSGXVSAQQLXR 5 6 3 0 1127	1	699.8421	1397.67	2	53.41	2.10E-05	GPSGLVSAQQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1113.1113.2.dta
SXPFKXSPXLFGR 1 3 1 0 263	1	531.5756	1591.706	3	51.53	2.10E-05	SDPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1222.1222.3.dta
GPSGXVSAQQLXR 3 5 2 0 705	1	720.8477	1439.681	2	51.58	2.10E-05	GPSGLVSAQQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1313.1313.2.dta
GPSGXVSAQQLXR 2 9 9 0 599	1	753.833	1505.652	2	47.67	2.10E-05	GPSGDVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.976.976.2.dta
SXPFKXSPXLFGR 5 3 1 1 1064	1	521.5938	1561.759	3	52.81	2.10E-05	SLPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1249.1249.3.dta
GPSGXVSAQQLXR 5 3 8 0 1077	1	705.8608	1409.707	2	47.68	2.00E-05	GPSGLVSAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1456.1456.2.dta
SXPFKXSPXLFGR 0 6 0 1 122	1	472.9028	1415.687	3	56.65	2.00E-05	SAPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.865.865.3.dta
SXPFKXSPXLFGR 4 0 0 0 801	1	472.2339	1413.68	3	55.54	2.00E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.919.919.3.dta
SXPFKXSPXLFGR 4 2 9 0 859	1	522.2437	1563.709	3	54.71	2.00E-05	SEPFKESPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.946.946.3.dta
SXPFKXSPXLFGR 2 2 1 0 443	1	530.239	1587.695	3	50.98	2.00E-05	SEPFKESPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.938.938.3.dta
SXPFKXSPXLFGR 4 9 3 1 988	1	518.9178	1553.732	3	53.51	2.00E-05	SGPFKXSPLEFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1115.1115.3.dta
GPSGXVSAQQLXR 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
SXPFKXSPXLFGR 2 9 9 0 599	1	557.5914	1669.752	3	47.24	2.00E-05	SEPFKXSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1049.1049.3.dta
SXPFKXSPXLFGR 9 9 1 0 1983	1	552.9193	1655.736	3	50.8	2.00E-05	SDPFKXSPDFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1354.1354.3.dta
GPSGXVSAQQLXR 5 0 4 1 1010	1	632.8184	1263.622	2	51.07	2.00E-05	GPSGLVSAQQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.977.977.2.dta
GPSGXVSAQQLXR 3 5 9 0 719	1	737.8572	1473.7	2	53.76	2.00E-05	GPSGFVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1344.1344.2.dta
SXPFKXSPXLFGR 4 6 5 2 932	1	482.2463	1443.717	3	55.07	2.00E-05				

GPSGVXSAQXXR 0 2 9 0 59	1	707.8217	1413.629	2	55.54	1.80E-05	GPSGAVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.857.857.2.dta
SXPFKXSLXFR 0 1 3 1 208	1	507.5777	1519.711	3	54.78	1.80E-05	SDFPKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1105.1105.3.dta
SXPFKXSLXFR 0 8 4 1 170	1	472.2425	1413.706	3	53.64	1.80E-05	SAPFKVSPGLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.994.994.3.dta
GPSGVXSAQXXR 3 3 2 0 665	1	737.8384	1473.662	2	53.6	1.80E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1275.1275.2.dta
GPSGVXSAQXXR 2 6 2 0 525	1	698.8089	1395.603	2	55.1	1.80E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.738.738.2.dta
GPSGVXSAQXXR 4 4 3 1 888	1	642.8033	1283.592	2	52.8	1.80E-05	GPSGVVSAQQLFK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.976.976.2.dta
GPSGVXSAQXXR 6 3 5 0 1271	1	699.8397	1397.665	2	56.6	1.80E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1225.1225.2.dta
GPSGVXSAQXXR 8 2 0 0 1641	1	675.8247	1349.635	2	53.79	1.70E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.849.849.2.dta
SXPFKXSLXFR 1 3 3 1 268	1	532.9213	1595.742	3	49.9	1.70E-05	SDFPKVSPFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1296.1296.3.dta
SXPFKXSLXFR 4 9 9 1 1000	1	524.2499	1569.728	3	54.36	1.70E-05	SGPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1025.1025.3.dta
GPSGVXSAQXXR 1 6 1 1 324	1	670.791	1339.567	2	50.52	1.70E-05	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.737.737.2.dta
SXPFKXSLXFR 2 6 9 1 540	1	522.9119	1565.714	3	51.64	1.70E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.911.911.3.dta
SXPFKXSLXFR 0 8 9 1 180	1	507.5904	1519.749	3	54.75	1.70E-05	SAPFKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1042.1042.3.dta
GPSGVXSAQXXR 1 8 2 0 365	1	697.8175	1393.621	2	54.55	1.70E-05	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.891.891.2.dta
GPSGVXSAQXXR 3 2 1 1 644	1	707.813	1413.612	2	53.82	1.70E-05	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.958.958.2.dta
SXPFKXSLXFR 2 3 5 0 471	1	535.5999	1603.778	3	52.59	1.70E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1613.1613.3.dta
SXPFKXSLXFR 0 6 2 1 126	1	492.2375	1473.691	3	56.44	1.70E-05	SAPFKVSPLEFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.973.973.3.dta
SXPFKXSLXFR 5 0 2 1 1006	1	500.9219	1499.744	3	55.15	1.70E-05	SDFPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1053.1053.3.dta
GPSGVXSAQXXR 5 5 1 0 1103	1	696.8473	1391.68	2	54.28	1.60E-05	GPSGLVSAQQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1234.1234.2.dta
GPSGVXSAQXXR 5 5 7 0 1115	1	689.8583	1377.702	2	53.77	1.60E-05	GPSGLVSAQQLTR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1668.1668.2.dta
SXPFKXSLXFR 4 0 9 0 819	1	502.909	1505.705	3	52.56	1.60E-05	SGPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.961.961.3.dta
GPSGVXSAQXXR 1 1 2 0 225	1	705.7979	1409.581	2	52.62	1.60E-05	GPSGDVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.746.746.2.dta
GPSGVXSAQXXR 3 8 3 0 767	1	722.8522	1443.69	2	53.92	1.60E-05	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1407.1407.2.dta
SXPFKXSLXFR 4 5 2 0 905	1	505.5848	1513.733	3	56.01	1.60E-05	SDFPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1397.1397.3.dta
SXPFKXSLXFR 5 5 2 0 1105	1	524.2723	1569.795	3	52.39	1.60E-05	SLPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1220.1220.3.dta
GPSGVXSAQXXR 9 1 1 0 1823	1	722.8105	1443.606	2	53.3	1.60E-05	GPSGVVSAQQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.943.943.2.dta
GPSGVXSAQXXR 2 9 7 0 595	1	722.8256	1443.637	2	55.99	1.60E-05	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.905.905.2.dta
GPSGVXSAQXXR 2 9 7 0 595	1	722.8266	1443.639	2	56.06	1.60E-05	GPSGVVSAQQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.904.904.2.dta
GPSGVXSAQXXR 0 5 2 1 106	1	668.8292	1335.644	2	55.74	1.60E-05	GPSGAVSAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1051.1051.2.dta
GPSGVXSAQXXR 0 3 4 0 691	1	663.8137	1325.613	2	51.1	1.50E-05	GPSGVVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1011.1011.2.dta
GPSGVXSAQXXR 5 3 5 1 1072	1	698.8646	1395.715	2	52.8	1.50E-05	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1465.1465.2.dta
SXPFKXSLXFR 5 5 1 0 1103	1	519.601	1555.781	3	53.76	1.50E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1233.1233.3.dta
GPSGVXSAQXXR 3 3 5 0 671	1	486.9096	1457.707	3	51.76	1.50E-05	GPSGVVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1402.1402.3.dta
SXPFKXSLXFR 5 0 1 0 1003	1	505.5844	1513.731	3	57.36	1.50E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1063.1063.3.dta
SXPFKXSLXFR 4 6 9 1 940	1	498.9508	1493.696	3	57.63	1.50E-05	SDFPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.931.931.3.dta
GPSGVXSAQXXR 0 2 4 0 49	1	654.8007	1307.587	2	55.71	1.50E-05	GPSGAVSEAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.775.775.2.dta
GPSGVXSAQXXR 0 0 8 0 17	1	646.8226	1291.631	2	51	1.50E-05	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.875.875.2.dta
GPSGVXSAQXXR 0 2 3 0 47	1	699.8244	1397.634	2	53.35	1.50E-05	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1018.1018.2.dta
SXPFKXSLXFR 9 9 2 1 1986	1	548.2563	1641.747	3	48.27	1.50E-05	SDFPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1050.1050.3.dta
SXPFKXSLXFR 0 5 2 1 106	1	500.9225	1499.746	3	55.28	1.50E-05	SDFPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1099.1099.3.dta
SXPFKXSLXFR 5 3 9 0 1079	1	546.9419	1637.804	3	49.54	1.50E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1258.1258.3.dta
GPSGVXSAQXXR 2 7 1 0 543	1	698.811	1395.608	2	55.94	1.50E-05	GPSGVVSAQQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.815.815.2.dta
GPSGVXSAQXXR 9 6 9 1 1940	1	718.8248	1435.635	2	48.37	1.50E-05	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.899.899.2.dta
GPSGVXSAQXXR 2 3 2 1 466	1	714.8257	1427.637	2	50.31	1.50E-05	GPSGVVSAQLEK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1059.1059.2.dta
GPSGVXSAQXXR 5 5 5 1 1112	1	681.8724	1361.73	2	52.07	1.40E-05	GPSGLVSAQQLK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1480.1480.2.dta
GPSGVXSAQXXR 0 1 0 0 21	1	436.8693	1307.586	3	55.8	1.40E-05	GPSGAVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.769.769.3.dta
SXPFKXSLXFR 2 0 0 0 401	1	496.2405	1485.7	3	55.78	1.40E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.929.929.3.dta
SXPFKXSLXFR 4 4 0 0 881	1	467.5617	1399.663	3	58.07	1.40E-05	SGPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.889.889.3.dta
GPSGVXSAQXXR 0 3 0 0 61	1	670.822	1339.629	2	53.51	1.40E-05	GPSGAVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1040.1040.2.dta
GPSGVXSAQXXR 0 9 4 0 189	1	671.811	1341.608	2	51.65	1.40E-05	GPSGAVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.865.865.2.dta
SXPFKXSLXFR 4 3 9 0 879	1	528.2532	1581.738	3	48.55	1.40E-05	SGPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1163.1163.3.dta
GPSGVXSAQXXR 1 5 3 0 307	1	713.8401	1425.666	2	53.8	1.40E-05	GPSGVVSAQQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1445.1445.2.dta
SXPFKXSLXFR 5 8 8 0 1177	1	509.6099	1525.808	3	48.5	1.40E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1542.1542.3.dta
SXPFKXSLXFR 0 8 8 0 177	1	495.5944	1483.761	3	50.43	1.40E-05	SAPFKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1324.1324.3.dta
GPSGVXSAQXXR 2 5 9 0 519	1	728.8458	1455.677	2	53.65	1.40E-05	GPSGLVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1169.1169.2.dta
GPSGVXSAQXXR 0 0 4 0 9	1	625.7975	1249.58	2	56.01	1.40E-05	GPSGAVSAQQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.769.769.2.dta
GPSGVXSAQXXR 3 1 8 0 637	1	706.8287	1411.643	2	52.09	1.40E-05	GPSGVVSAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1229.1229.2.dta
GPSGVXSAQXXR 0 0 5 0 11	1	653.8292	1305.644	2	48.66	1.40E-05	GPSGAVSAQQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.994.994.2.dta
SXPFKXSLXFR 4 8 8 1 978	1	481.5864	1441.737	3	54.02	1.40E-05	SGPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1058.1058.3.dta
GPSGVXSAQXXR 3 1 9 0 639	1	738.8273	1475.64	2	54.91	1.40E-05	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1069.1069.2.dta
GPSGVXSAQXXR 5 7 0 0 1141	1	668.8328	1335.651	2	54.45	1.40E-05	GPSGLVSAQQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.937.937.2.dta
GPSGVXSAQXXR 6 4 9 1 1300	1	665.8053	1329.596	2	56.9	1.40E-05	GPSGVVSAQQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.783.783.2.dta
GPSGVXSAQXXR 2 2 9 0 459	1	736.8238	1471.633	2	55.24	1.30E-05	GPSGVVSAQQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.862.862.2.dta
SXPFKXSLXFR 2 8 1 0 563	1	520.2473	1557.72	3	56.48	1.30E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1065.1065.3.dta
GPSGVXSAQXXR 2 2 8 0 457	1	704.8268	1407.639	2	56.93	1.30E-05	GPSGVVSAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.848.848.2.dta
SXPFKXSLXFR 2 0 1 0 403	1	510.9039	1529.689	3	58.03	1.30E-05	SDFPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.960.960.3.dta
SXPFKXSLXFR 1 3 0 1 262	1	507.578	1519.712	3	56.24	1.30E-05	SDFPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1176.1176.3.dta
SXPFKXSLXFR 9 6 9 1 1940	1	534.2523	1599.735	3	52.83	1.30E-05	SDFPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.974.974.3.dta
GPSGVXSAQXXR 1 6 1 1 324	1	670.7916	1339.569	2	51.12	1.30E-05	GPSGVVSAQQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.720.720.2.dta
SXPFKXSLXFR 5 3 1 0 1063	1	530.9288	1589.765	3	54.3	1.30E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1265.1265.3.dta
SXPFKXSLXFR 5 3 1 0 1063	1	530.9292	1589.766	3	54.27	1.30E-05	SLPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1264.1264.3.dta
SXPFKXSLXFR 0 2 2 0 45	1	515.5765	1543.708	3	57.1	1.30E-05	SDFPKVSPLEFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1038.1038.3.dta
GPSGVXSAQXXR 2 4 1 0 483	1	676.794	1351.574	2	53.11	1.30E-05	GPSGVVSAQQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.776.776.2.dta
SXPFKXSLXFR 2 5 0 0 501	1	510.256	1527.746	3	56.56	1.30E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1104.1104.3.dta
SXPFKXSLXFR 2 4 2 1 486	1	501.5685	1501.684	3	56.97	1.30E-05	SEPKVSPVLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.883.883.3.dta
GPSGVXSAQXXR 8 8 8 0 1777	1	674.8535	1347.693	2	49	1.30E-05	GPSGVVSAQQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1100.1100.2.dta
SXPFKXSLXFR 2 2 0 0 441	1	515.5753	1543.704	3	56.					

SXPFKXSPLXFRG	0 9 3 1	188	1	523.5897	1567.747	3	54.11	1.10E-05	SAPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1105.1105.3.dta
GPSGVSAQAQLXR	0 1 4 0	29	1	647.7934	1293.572	2	60.57	1.10E-05	GPSGVSAQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.744.744.2.dta
SXPFKXSPLXFRG	4 3 9 0	879	1	528.2529	1581.737	3	49.78	1.10E-05	SGPFFKSPLYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1494.1494.3.dta
GPSGVSAQAQLXR	9 4 1 1	1884	1	679.806	1357.598	2	56.91	1.10E-05	GPSGVSAQAQLDK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.879.879.2.dta
GPSGVSAQAQLXR	1 1 1 0	223	1	466.1958	1395.566	3	51.72	1.10E-05	GPSGDVSDAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.736.736.3.dta
GPSGVSAQAQLXR	3 2 8 0	657	1	713.8405	1425.666	2	55.72	1.10E-05	GPSGVSEQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1075.1075.2.dta
GPSGVSAQAQLXR	5 3 5 1	1072	1	698.8652	1395.716	2	54.58	1.00E-05	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1424.1424.2.dta
GPSGVSAQAQLXR	5 5 8 1	1118	1	674.8665	1347.719	2	54.6	1.00E-05	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1473.1473.2.dta
SXPFKXSPLXFRG	4 4 0 1	882	1	458.2267	1371.658	3	55.58	1.00E-05	SGPFFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.892.892.3.dta
SXPFKXSPLXFRG	0 9 9 1	200	1	528.9217	1583.743	3	56.37	1.00E-05	SAPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1017.1017.3.dta
GPSGVSAQAQLXR	0 8 8 0	177	1	660.8367	1319.659	2	51.1	1.00E-05	GPSGVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1237.1237.2.dta
GPSGVSAQAQLXR	1 2 1 0	243	1	470.8683	1409.833	3	54.61	1.00E-05	GPSGDVSEQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.758.758.3.dta
GPSGVSAQAQLXR	6 5 1 1	1304	1	669.8184	1337.622	2	55.95	1.00E-05	GPSGVSLAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.970.970.2.dta
GPSGVSAQAQLXR	9 5 5 1	1912	1	471.5776	1411.711	3	56.01	1.00E-05	GPSGVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1297.1297.3.dta
SXPFKXSPLXFRG	8 0 9 0	1619	1	516.9245	1547.752	3	54.86	1.00E-05	SVPFKASPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1058.1058.3.dta
GPSGVSAQAQLXR	9 2 4 0	1849	1	700.8146	1399.615	2	56.54	1.00E-05	GPSGVSEQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.880.880.2.dta
SXPFKXSPLXFRG	5 1 0 1	1022	1	496.2498	1485.728	3	58.4	1.00E-05	SPLPKDSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1002.1002.3.dta
GPSGVSAQAQLXR	4 3 9 0	879	1	709.8262	1417.638	2	58.06	1.00E-05	GPSGVSEQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1115.1115.2.dta
GPSGVSAQAQLXR	8 3 0 1	1662	1	670.8347	1339.655	2	59.54	1.00E-05	GPSGVSEQAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1135.1135.2.dta
GPSGVSAQAQLXR	0 2 7 0	55	1	676.8148	1351.615	2	56.09	1.00E-05	GPSGVSEQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.771.771.2.dta
GPSGVSAQAQLXR	1 8 2 0	365	1	697.8198	1393.625	2	61.53	9.90E-06	GPSGDVSDAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.915.915.2.dta
SXPFKXSPLXFRG	4 1 1 1	824	1	492.2241	1473.651	3	56.28	9.90E-06	SGPFFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1092.1092.3.dta
GPSGVSAQAQLXR	8 0 4 0	1609	1	639.8156	1277.617	2	51.37	8.80E-06	GPSGVSEQAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1007.1007.2.dta
GPSGVSAQAQLXR	2 1 9 0	439	1	729.8165	1457.619	2	56.53	9.70E-06	GPSGDVSDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.852.852.2.dta
GPSGVSAQAQLXR	0 4 9 0	99	1	671.8115	1341.608	2	53.36	9.70E-06	GPSGVSEQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.840.840.2.dta
GPSGVSAQAQLXR	0 2 3 0	47	1	699.8246	1397.635	2	55.11	9.70E-06	GPSGVSEQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1001.1001.2.dta
GPSGVSAQAQLXR	9 0 3 0	1807	1	716.8348	1431.655	2	57.33	9.70E-06	GPSGVSEQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1262.1262.2.dta
GPSGVSAQAQLXR	0 3 0 0	61	1	670.8217	1339.629	2	55.15	9.60E-06	GPSGVSEQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1028.1028.2.dta
SXPFKXSPLXFRG	2 6 0 1	522	1	492.2368	1473.689	3	58.28	9.60E-06	SEPFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.874.874.3.dta
SXPFKXSPLXFRG	3 8 9 0	779	1	542.2678	1623.782	3	50.24	9.50E-06	SXPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1204.1204.3.dta
GPSGVSAQAQLXR	5 8 9 0	1179	1	713.859	1425.704	2	53.44	9.50E-06	GPSGLVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1233.1233.2.dta
GPSGVSAQAQLXR	0 4 1 0	83	1	647.7917	1293.569	2	59.99	9.50E-06	GPSGVSEQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.767.767.2.dta
SXPFKXSPLXFRG	2 6 2 1	526	1	511.5725	1531.696	3	51.54	9.50E-06	SEPFKSPLEFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.997.997.3.dta
GPSGVSAQAQLXR	5 3 8 1	1078	1	461.5748	1381.703	3	55.81	9.40E-06	GPSGLVSAQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1277.1277.3.dta
GPSGVSAQAQLXR	3 9 0 0	781	1	716.8331	1431.652	2	58.99	9.30E-06	GPSGVSEQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1138.1138.2.dta
GPSGVSAQAQLXR	4 3 4 0	869	1	656.806	1311.597	2	57	9.30E-06	GPSGVSEQAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1058.1058.2.dta
SXPFKXSPLXFRG	6 5 1 1	1304	1	501.5808	1501.721	3	56.76	9.20E-06	SEPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1114.1114.3.dta
GPSGVSAQAQLXR	8 1 2 0	1625	1	697.8195	1393.625	2	57.16	9.10E-06	GPSGDVSDAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.821.821.2.dta
GPSGVSAQAQLXR	2 2 0 0	441	1	690.8107	1379.607	2	57.13	8.90E-06	GPSGVSEQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.777.777.2.dta
SXPFKXSPLXFRG	7 5 9 1	1520	1	522.2649	1563.773	3	54.02	8.80E-06	STPFKSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1120.1120.3.dta
GPSGVSAQAQLXR	0 3 3 0	67	1	708.8372	1415.66	2	57.8	8.80E-06	GPSGVSEQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1353.1353.2.dta
GPSGVSAQAQLXR	3 9 0 0	781	1	716.835	1431.656	2	57.74	8.80E-06	GPSGVSEQAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1096.1096.2.dta
SXPFKXSPLXFRG	2 9 9 0	599	1	557.5914	1669.753	3	50.8	8.70E-06	SEPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1041.1041.3.dta
SXPFKXSPLXFRG	2 3 9 0	479	1	552.2595	1653.757	3	54.13	8.70E-06	SEPFKSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1177.1177.3.dta
SXPFKXSPLXFRG	4 8 0 0	961	1	481.5769	1441.709	3	58.56	8.70E-06	SXPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1245.1245.3.dta
GPSGVSAQAQLXR	3 8 5 1	1772	1	461.5742	1381.701	3	57.93	8.70E-06	GPSGVSEQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1298.1298.3.dta
GPSGVSAQAQLXR	9 4 9 1	1900	1	703.8196	1405.625	2	50.81	8.70E-06	GPSGVSEQAQLYK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.881.881.2.dta
SXPFKXSPLXFRG	7 6 2 0	1525	1	766.8605	1531.706	3	56.05	8.60E-06	STPFKSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.944.944.2.dta
SXPFKXSPLXFRG	7 9 9 1	1600	1	538.9252	1613.754	3	55.13	8.30E-06	STPFKSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1026.1026.3.dta
GPSGVSAQAQLXR	0 4 4 1	90	1	604.7874	1207.56	2	54.72	8.30E-06	GPSGVSEQAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.721.721.2.dta
GPSGVSAQAQLXR	2 1 7 0	435	1	698.808	1395.601	2	58.59	8.20E-06	GPSGDVSDAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.743.743.2.dta
GPSGVSAQAQLXR	5 8 5 1	1172	1	450.2461	1347.717	3	55.71	8.10E-06	GPSGLVSAQAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1288.1288.3.dta
SXPFKXSPLXFRG	6 9 0 1	1382	1	503.5775	1507.711	3	60.48	8.00E-06	SEPFKSPPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.984.984.3.dta
GPSGVSAQAQLXR	1 9 8 0	397	1	714.8294	1427.644	2	58.51	8.00E-06	GPSGDVSAQAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.983.983.2.dta
GPSGVSAQAQLXR	1 0 1 0	203	1	451.5323	1351.575	3	56.73	7.90E-06	GPSGDVSAQAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.746.746.3.dta
GPSGVSAQAQLXR	3 3 3 0	667	1	746.8534	1491.692	2	54.52	7.90E-06	GPSGVSEQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1640.1640.2.dta
GPSGVSAQAQLXR	3 5 3 0	707	1	729.8579	1457.701	2	58.99	7.80E-06	GPSGVSEQAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1568.1568.2.dta
SXPFKXSPLXFRG	1 5 1 0	303	1	520.2479	1557.722	3	58.68	7.70E-06	SDFPKSPPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1175.1175.3.dta
SXPFKXSPLXFRG	0 0 9 1	20	1	498.2464	1491.717	3	59.32	7.70E-06	SAPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.944.944.3.dta
SXPFKXSPLXFRG	4 6 1 1	924	1	482.8938	1445.66	3	59.62	7.70E-06	SGPFFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.903.903.3.dta
SXPFKXSPLXFRG	2 3 1 0	463	1	536.2468	1605.719	3	55.23	7.60E-06	SEPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1178.1178.3.dta
SXPFKXSPLXFRG	5 0 9 0	1019	1	521.598	1561.772	3	55.49	7.60E-06	SAPFKYSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1075.1075.3.dta
SXPFKXSPLXFRG	2 6 1 1	524	1	506.9002	1517.679	3	55.36	7.40E-06	SEPFKSPPLDFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1039.1039.3.dta
GPSGVSAQAQLXR	8 9 1 1	1784	1	700.829	1399.644	2	58.27	7.40E-06	GPSGVSEQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.962.962.2.dta
GPSGVSAQAQLXR	2 1 2 0	425	1	712.8066	1423.599	2	58.63	7.30E-06	GPSGVSEQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.778.778.2.dta
SXPFKXSPLXFRG	1 9 9 1	1400	1	543.5837	1627.729	3	51.35	7.30E-06	SDFPKSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1071.1071.3.dta
SXPFKXSPLXFRG	5 0 8 0	1017	1	500.2658	1497.776	3	53.11	7.30E-06	SDFPKSPLYFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1349.1349.3.dta
GPSGVSAQAQLXR	5 8 2 0	1165	1	696.8485	1391.683	2	59.22	7.30E-06	GPSGLVSAQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1156.1156.2.dta
SXPFKXSPLXFRG	4 1 0 0	821	1	486.8971	1457.67	3	58.65	7.30E-06	SGPFFKSPPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.933.933.3.dta
GPSGVSAQAQLXR	0 3 2 0	65	1	699.824	1397.633	2	57.47	7.30E-06	GPSGVSEQAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1034.1034.2.dta
SXPFKXSPLXFRG	1 8 0 1	362	1	491.5773	1471.71	3	59.64	7.20E-06	SDFPKSPPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1085.1085.3.dta
GPSGVSAQAQLXR	1 4 1 1	284	1	655.7874	1309.56	2	60.35	7.20E-06	GPSGDVSEQAQLDK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.736.736.2.dta
GPSGVSAQAQLXR	5 8 5 0	1171	1	688.8677	1375.721	2	51.68	7.10E-06	GPSGLVSAQAQLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1384.1384.2.dta
GPSGVSAQAQLXR	5 7 3											

SXPFKXSPLXFG	[5 4 0 1]	1082	1	476.9148	1427.723	3	58.4	5.90E-06	SLPFKGSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.982.982.3.dta
SXPFKXSPLXFG	[7 9 2 0]	1585	2	804.875	1607.735	2	58.66	5.90E-06	STPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1061.1061.2.dta
SXPFKXSPLXFG	[6 8 5 1]	1372	1	496.2616	1485.763	3	57.66	5.90E-06	SDPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1122.1122.3.dta
SXPFKXSPLXFG	[1 9 9 1]	400	1	543.5848	1627.733	3	53.16	5.90E-06	SPFKKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1078.1078.3.dta
GPSGVXSQAQLXR	[9 8 4 0]	1969	1	685.8262	1369.638	2	58.88	5.80E-06	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1016.1016.2.dta
GPSGVXSQAQLXR	[2 7 5 0]	551	2	697.8376	1393.661	2	58.88	5.80E-06	GPSGVVSTAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.973.973.2.dta
SXPFKXSPLXFG	[5 6 0 1]	1122	1	486.9176	1457.371	3	59.55	5.70E-06	SLPFKGSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.976.976.3.dta
GPSGVXSQAQLXR	[4 8 5 1]	972	1	646.8343	1291.654	2	59.58	5.70E-06	GPSGVVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1204.1204.2.dta
GPSGVXSQAQLXR	[5 8 9 0]	1179	1	713.8592	1425.704	2	55.66	5.70E-06	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1277.1277.2.dta
GPSGVXSQAQLXR	[5 8 5 0]	1171	1	459.5816	1375.723	3	56.05	5.60E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1297.1297.3.dta
SXPFKXSPLXFG	[2 0 0 0]	401	1	496.2407	1485.7	3	59.65	5.60E-06	SGPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.927.927.3.dta
GPSGVXSQAQLXR	[8 2 5 0]	1651	1	464.9007	1391.68	3	58.89	5.60E-06	GPSGVVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1215.1215.3.dta
GPSGVXSQAQLXR	[6 8 8 0]	1377	1	668.8345	1335.655	2	55.27	5.60E-06	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.974.974.2.dta
SXPFKXSPLXFG	[4 0 4 0]	809	1	700.8385	1399.663	2	62.08	5.50E-06	SGPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.968.968.2.dta
SXPFKXSPLXFG	[0 6 0 1]	122	1	472.9022	1415.685	3	61.77	5.40E-06	SAPFKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.856.856.3.dta
GPSGVXSQAQLXR	[5 2 4 0]	1049	1	675.8233	1349.632	2	58.67	5.40E-06	GPSGLVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.936.936.2.dta
GPSGVXSQAQLXR	[3 8 9 0]	779	1	730.8494	1459.684	2	58.74	5.40E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1232.1232.2.dta
SXPFKXSPLXFG	[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
GPSGVXSQAQLXR	[9 6 1 0]	1923	1	472.8757	1415.605	3	60.63	5.30E-06	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.801.801.3.dta
GPSGVXSQAQLXR	[3 5 5 1]	712	1	466.2457	1395.715	3	57.54	5.20E-06	GPSGVVLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1386.1386.3.dta
SXPFKXSPLXFG	[2 2 9 1]	460	1	536.9156	1607.725	3	55.76	5.20E-06	SPFKKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.929.929.3.dta
SXPFKXSPLXFG	[6 6 2 0]	1325	1	759.8521	1517.69	2	57.83	5.20E-06	SDPFKYSPLFFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.916.916.2.dta
GPSGVXSQAQLXR	[5 5 5 1]	1112	1	681.8762	1361.738	2	55.09	5.10E-06	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2025.2025.2.dta
GPSGVXSQAQLXR	[3 8 4 0]	769	1	677.8292	1353.644	2	59.7	5.10E-06	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1171.1171.2.dta
GPSGVXSQAQLXR	[5 6 2 1]	1126	1	676.8292	1351.644	2	61.12	5.10E-06	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.941.941.2.dta
GPSGVXSQAQLXR	[5 6 7 0]	1135	1	676.8292	1351.644	2	61.12	5.10E-06	GPSGLVSSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.941.941.2.dta
GPSGVXSQAQLXR	[5 5 5 1]	1112	1	454.9182	1361.733	3	56.52	5.00E-06	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1392.1392.3.dta
GPSGVXSQAQLXR	[5 0 9 0]	1019	1	699.8423	1397.67	2	59.56	5.00E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1388.1388.2.dta
GPSGVXSQAQLXR	[8 2 0 0]	1641	1	675.8245	1349.634	2	58.99	5.00E-06	GPSGVVSEAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.864.864.3.dta
SXPFKXSPLXFG	[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.1124.1124.2.dta
SXPFKXSPLXFG	[9 2 9 1]	1860	1	548.2566	1641.748	3	53.05	5.00E-06	SYPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1175.1175.3.dta
SXPFKXSPLXFG	[7 9 3 1]	1588	1	533.5923	1597.755	3	56.11	4.90E-06	STPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1106.1106.3.dta
SXPFKXSPLXFG	[1 9 9 0]	399	1	552.9196	1655.37	3	56.99	4.90E-06	SPFKKYSPLYFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1089.1089.3.dta
GPSGVXSQAQLXR	[0 5 3 0]	107	1	691.8447	1381.675	2	56.93	4.90E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1306.1306.2.dta
GPSGVXSQAQLXR	[5 8 1 1]	1198	1	466.906	1397.696	3	60.14	4.80E-06	SDPFKYSQAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1123.1123.3.dta
GPSGVXSQAQLXR	[2 6 1 0]	523	1	691.7986	1381.583	2	59.32	4.80E-06	GPSGVVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.753.753.2.dta
GPSGVXSQAQLXR	[0 4 0 0]	81	1	625.798	1249.582	2	60.26	4.70E-06	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.745.745.2.dta
GPSGVXSQAQLXR	[3 3 3 0]	667	1	746.8514	1491.688	2	58.28	4.70E-06	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1553.1553.2.dta
SXPFKXSPLXFG	[5 2 9 1]	1060	1	531.5971	1591.77	3	54.57	4.70E-06	SLPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1028.1028.3.dta
SXPFKXSPLXFG	[1 8 1 0]	363	1	515.5755	1543.705	3	61.33	4.60E-06	SDPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1096.1096.3.dta
GPSGVXSQAQLXR	[0 9 8 0]	197	1	692.8354	1383.656	2	57.67	4.60E-06	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.999.999.2.dta
SXPFKXSPLXFG	[6 0 8 1]	1218	1	482.2466	1443.718	3	61.41	4.60E-06	SPFKKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.952.952.3.dta
SXPFKXSPLXFG	[9 4 9 1]	1900	1	524.249	1569.725	3	60.62	4.60E-06	SYPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.978.978.3.dta
GPSGVXSQAQLXR	[2 1 8 0]	437	1	697.8192	1393.624	2	60.19	4.50E-06	GPSGVVDAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.817.817.2.dta
GPSGVXSQAQLXR	[9 9 3 0]	1987	1	762.8475	1523.68	2	61.77	4.50E-06	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1249.1249.2.dta
GPSGVXSQAQLXR	[5 3 8 1]	1078	1	461.5736	1381.699	3	60.86	4.40E-06	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1272.1272.3.dta
GPSGVXSQAQLXR	[6 0 0 0]	121	1	640.8023	1279.59	2	60.79	4.40E-06	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.747.747.2.dta
SXPFKXSPLXFG	[6 3 0 1]	1262	1	498.2466	1491.718	3	61.85	4.30E-06	SDPFKYSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1130.1130.3.dta
SXPFKXSPLXFG	[6 5 2 1]	1306	1	506.2538	1515.74	3	59.77	4.30E-06	SDPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1097.1097.3.dta
GPSGVXSQAQLXR	[5 3 2 0]	1065	1	720.8484	1439.682	2	58.81	4.30E-06	GPSGLVSAQLER	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1632.1632.2.dta
GPSGVXSQAQLXR	[5 3 7 0]	1075	1	706.8484	1411.682	2	59.38	4.20E-06	GPSGLVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1250.1250.2.dta
GPSGVXSQAQLXR	[9 2 5 0]	1851	1	728.8456	1455.677	2	58.35	4.20E-06	GPSGVVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1058.1058.2.dta
GPSGVXSQAQLXR	[2 8 5 0]	571	1	696.8478	1391.681	2	61.24	4.10E-06	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1152.1152.2.dta
SXPFKXSPLXFG	[4 4 0 0]	881	1	467.5621	1399.665	3	63.39	4.10E-06	SGPFKYSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.889.889.3.dta
GPSGVXSQAQLXR	[5 9 0 0]	1181	1	699.8417	1397.669	2	60.37	4.10E-06	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1088.1088.2.dta
GPSGVXSQAQLXR	[0 3 3 0]	67	1	708.8347	1415.655	2	63.41	4.10E-06	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1394.1394.2.dta
GPSGVXSQAQLXR	[2 5 2 0]	505	1	711.8338	1421.653	2	60.48	4.10E-06	GPSGLVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.954.954.2.dta
SXPFKXSPLXFG	[5 0 5 1]	1012	1	495.6019	1483.784	3	57.89	3.90E-06	SLPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1121.1121.3.dta
GPSGVXSQAQLXR	[0 0 0 0]	1	1	632.8058	1263.597	2	63.15	3.90E-06	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.792.792.2.dta
GPSGVXSQAQLXR	[4 4 0 1]	882	1	604.7882	1207.562	2	54.05	3.90E-06	GPSGVVSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.733.733.2.dta
SXPFKXSPLXFG	[5 8 9 1]	1180	1	521.6061	1561.797	3	56.97	3.90E-06	SLPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1160.1160.3.dta
GPSGVXSQAQLXR	[0 2 8 0]	57	1	675.8246	1349.635	2	60	3.90E-06	GPSGVVSAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.856.856.2.dta
GPSGVXSQAQLXR	[8 0 6 0]	1613	1	654.8183	1307.622	2	58.65	3.90E-06	GPSGVVSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.849.849.2.dta
GPSGVXSQAQLXR	[0 9 4 0]	189	1	671.8115	1341.609	2	57.37	3.80E-06	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.856.856.2.dta
GPSGVXSQAQLXR	[0 5 0 0]	101	1	653.8291	1305.644	2	54.32	3.70E-06	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1059.1059.2.dta
GPSGVXSQAQLXR	[5 4 4 0]	1089	1	639.8138	1277.613	2	64.78	3.70E-06	GPSGLVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.921.921.2.dta
SXPFKXSPLXFG	[6 9 9 1]	1400	1	534.2528	1599.737	3	58.48	3.60E-06	SDPFKYSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1051.1051.3.dta
GPSGVXSQAQLXR	[8 8 9 0]	1179	1	706.8511	1411.688	2	56.2	3.60E-06	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1104.1104.2.dta
SXPFKXSPLXFG	[5 9 9 1]	1720	1	526.2794	1575.816	3	54.43	3.60E-06	SLPFKLSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1241.1241.3.dta
GPSGVXSQAQLXR	[5 5 0 0]	1111	1	695.8791	1389.744	2	54.5	3.50E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.2055.2055.2.dta
GPSGVXSQAQLXR	[8 5 3 0]	1707	1	470.9095	1409.707	3	55.29	3.50E-06	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1372.1372.3.dta
SXPFKXSPLXFG	[2 2 1 0]	443	1	530.2386	1587.694	3	58.62	3.50E-06	SEPFKYSPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.949.949.3.dta
SXPFKXSPLXFG	[5 3 3 1]	1068	1	532.2732	1593.798	3	56.71	3.50E-06	SLPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1319.1319.3.dta
SXPFKXSPLXFG	[5 3 3 1]	1068	1	532.274	1593.8	3	56.72	3.50E-06	SLPFKYSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1321.

GPSGVXSAQXLR 2 8 8 0 577	1	689.8403	1377.666	2	60.88	2.70E-06	GPSGEVSAQLVLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1019.1019.2.dta
GPSGVXSAQXLR 3 6 9 0 739	1	724.8314	1447.648	2	64.77	2.70E-06	GPSGVSSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1078.1078.2.dta
SXPFKXSPLXFR 5 8 3 1 1168	1	516.2752	1545.804	3	58.31	2.70E-06	SPLPKVSPFLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1248.1248.3.dta
SXPFKXSPLXFR 5 5 5 1 1112	1	509.618	1525.832	3	55.9	2.60E-06	SPLPKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1299.1299.3.dta
SXPFKXSPLXFR 6 5 9 1 1320	1	517.5933	1549.758	3	62.12	2.60E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1119.1119.3.dta
GPSGVXSAQXLR 0 4 8 0 97	1	639.8129	1277.611	2	66.44	2.60E-06	GPSGVSSAQLVLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.800.800.2.dta
SXPFKXSPLXFR 1 8 5 1 372	1	505.5945	1513.762	3	62.99	2.60E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1517.1517.3.dta
GPSGVXSAQXLR 0 2 6 0 53	1	669.8062	1337.598	2	62.73	2.60E-06	GPSGVSEAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.752.752.2.dta
GPSGVXSAQXLR 5 3 5 1 1072	1	466.2461	1395.716	3	60.7	2.50E-06	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1377.1377.3.dta
GPSGVXSAQXLR 0 0 0 0 1	1	632.8063	1263.598	2	65.06	2.50E-06	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.793.793.2.dta
GPSGVXSAQXLR 9 1 7 0 1835	1	715.8192	1429.624	2	63.88	2.50E-06	GPSGVSDAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1129.1129.2.dta
SXPFKXSPLXFR 8 8 9 1 1780	1	516.9334	1547.778	3	60.96	2.50E-06	SVPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1111.1115.3.dta
SXPFKXSPLXFR 5 8 9 0 1179	1	530.9415	1589.803	3	56.84	2.50E-06	SPLPKVSPVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1170.1170.3.dta
SXPFKXSPLXFR 6 8 8 1 1378	1	491.5903	1471.749	3	61.35	2.50E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1056.1056.3.dta
SXPFKXSPLXFR 3 0 0 1 602	1	492.9139	1475.72	3	56.79	2.50E-06	SFPKKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1072.1072.3.dta
GPSGVXSAQXLR 3 0 0 0 661	1	708.8375	1415.661	2	63.15	2.50E-06	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1380.1380.2.dta
SXPFKXSPLXFR 3 8 9 1 780	1	532.9346	1595.782	3	57.73	2.50E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1195.1195.3.dta
GPSGVXSAQXLR 0 9 3 0 187	1	716.835	1431.655	2	63.17	2.50E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1161.1161.2.dta
GPSGVXSAQXLR 1 8 1 0 363	1	690.8132	1379.612	2	66.55	2.50E-06	GPSGDVSAQLDR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.992.992.2.dta
SXPFKXSPLXFR 6 5 9 1 1320	1	517.5934	1549.758	3	62.37	2.40E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1145.1145.3.dta
GPSGVXSAQXLR 5 5 0 0 1101	1	674.853	1347.692	2	56.16	2.40E-06	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1218.1218.2.dta
GPSGVXSAQXLR 1 8 0 0 361	1	668.8163	1335.618	2	61.98	2.40E-06	GPSGDVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.883.883.2.dta
GPSGVXSAQXLR 5 9 1 0 1183	1	721.838	1441.661	2	62.48	2.40E-06	GPSGLVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1128.1128.2.dta
GPSGVXSAQXLR 5 2 2 0 1045	1	711.8353	1421.656	2	66.62	2.40E-06	GPSGLVSEAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.986.986.2.dta
GPSGVXSAQXLR 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
GPSGVXSAQXLR 9 8 2 0 1965	1	721.8383	1441.662	2	62.47	2.40E-06	GPSGVSSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1042.1042.2.dta
SXPFKXSPLXFR 5 5 0 0 1101	1	504.9378	1511.792	3	56.43	2.30E-06	SPLPKSPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1572.1572.3.dta
GPSGVXSAQXLR 8 8 3 0 1767	1	698.8526	1395.691	2	56.46	2.30E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1443.1443.2.dta
GPSGVXSAQXLR 3 3 9 0 679	1	754.8513	1507.688	2	62.46	2.30E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1432.1432.2.dta
GPSGVXSAQXLR 3 5 3 0 707	1	729.8618	1457.709	2	60.39	2.30E-06	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1648.1648.2.dta
GPSGVXSAQXLR 8 0 1 0 1603	1	668.8153	1335.616	2	62.79	2.30E-06	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.866.866.2.dta
SXPFKXSPLXFR 0 0 3 1 8	1	492.9149	1475.723	3	57.19	2.30E-06	SAPKKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1040.1040.3.dta
SXPFKXSPLXFR 2 9 2 1 586	1	536.9158	1607.726	3	59.52	2.00E-06	SEPKKSPLEFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1000.1000.3.dta
GPSGVXSAQXLR 9 8 5 1 1972	1	466.9053	1397.694	3	63.48	2.20E-06	GPSGVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1196.1196.3.dta
GPSGVXSAQXLR 4 8 4 0 969	1	632.8063	1263.598	2	65.64	2.20E-06	GPSGVSSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.827.827.2.dta
GPSGVXSAQXLR 5 8 0 0 1117	1	459.5811	1375.722	3	57	2.10E-06	GPSGLVSAQLVLR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1716.1716.3.dta
GPSGVXSAQXLR 5 8 5 1 1172	1	450.2454	1347.714	3	61.47	2.10E-06	GPSGLVSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1279.1279.3.dta
GPSGVXSAQXLR 0 4 0 1 82	1	611.7959	1221.577	2	56.79	2.10E-06	GPSGVSSAQLAK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.737.737.2.dta
GPSGVXSAQXLR 5 3 7 0 1075	1	706.8484	1411.682	2	62.33	2.10E-06	GPSGLVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1281.1281.2.dta
GPSGVXSAQXLR 8 7 1 0 1743	1	683.8187	1365.623	2	64.71	2.10E-06	GPSGVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.856.856.2.dta
GPSGVXSAQXLR 5 5 3 0 1107	1	712.8676	1423.721	2	60.47	2.00E-06	GPSGLVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1552.1552.2.dta
SXPFKXSPLXFR 5 0 5 1 1012	1	495.6025	1483.786	3	59.83	2.00E-06	SPLPKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1131.1131.3.dta
GPSGVXSAQXLR 2 1 2 0 425	1	712.8039	1423.593	2	63.95	2.00E-06	GPSGLVSDAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.745.745.2.dta
GPSGVXSAQXLR 4 5 4 1 910	1	625.8105	1249.606	2	58.2	2.00E-06	GPSGLVSAQLGK	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.988.988.2.dta
GPSGVXSAQXLR 2 2 2 0 445	1	480.2109	1437.611	3	64.59	2.00E-06	GPSGVSEAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.764.764.3.dta
GPSGVXSAQXLR 0 9 0 0 181	1	678.8191	1355.624	2	60.5	2.00E-06	GPSGVSSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.896.896.2.dta
GPSGVXSAQXLR 1 9 7 0 395	1	715.8164	1429.618	2	62.74	2.00E-06	GPSGDVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.882.882.2.dta
GPSGVXSAQXLR 3 7 5 0 751	1	706.8488	1411.683	2	62.55	2.00E-06	GPSGVSTAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1200.1200.2.dta
GPSGVXSAQXLR 2 9 9 0 599	1	753.834	1505.654	2	63.36	2.00E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.972.972.2.dta
GPSGVXSAQXLR 6 1 7 0 1235	1	677.8024	1353.59	2	59.96	2.00E-06	GPSGLVSDAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.731.731.2.dta
GPSGVXSAQXLR 1 9 2 1 386	1	715.8164	1429.618	2	62.74	2.00E-06	GPSGDVSAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.882.882.2.dta
GPSGVXSAQXLR 5 1 5 0 1031	1	696.8469	1391.679	2	63.46	1.90E-06	GPSGLVSDAQLER	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1152.1152.2.dta
GPSGVXSAQXLR 5 5 7 0 1115	1	689.859	1377.704	2	63.03	1.90E-06	GPSGLVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1240.1240.2.dta
GPSGVXSAQXLR 1 1 9 0 239	1	722.8068	1443.599	2	60.22	1.90E-06	GPSGDVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.817.817.2.dta
SXPFKXSPLXFR 4 5 9 1 920	1	507.5898	1519.748	3	64.39	1.90E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1111.1111.3.dta
GPSGVXSAQXLR 2 1 6 0 433	1	691.8019	1381.589	2	63.88	1.90E-06	GPSGVSSAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.730.730.2.dta
GPSGVXSAQXLR 5 8 4 0 1169	1	660.8376	1319.661	2	59.38	1.90E-06	GPSGLVSSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1141.1141.2.dta
GPSGVXSAQXLR 8 2 7 0 1655	1	690.8301	1379.646	2	63.87	1.90E-06	GPSGVSEAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.861.861.2.dta
SXPFKXSPLXFR 0 9 9 1 20	1	498.2455	1491.715	3	65.59	1.80E-06	SAPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.935.935.3.dta
SXPFKXSPLXFR 7 9 9 1 1600	1	538.9243	1613.751	3	58.01	1.70E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1015.1015.3.dta
GPSGVXSAQXLR 5 9 5 1 1192	1	471.5778	1411.712	3	63.77	1.70E-06	GPSGLVSSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1234.1234.3.dta
SXPFKXSPLXFR 6 3 0 1 1262	1	498.2458	1491.715	3	65.8	1.70E-06	SPPKKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1116.1116.3.dta
GPSGVXSAQXLR 5 8 1 0 1163	1	689.8394	1377.664	2	62.08	1.70E-06	GPSGLVSSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1098.1098.2.dta
SXPFKXSPLXFR 4 6 2 1 926	1	487.5647	1459.672	3	64.9	1.70E-06	SPPKKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.878.878.3.dta
GPSGVXSAQXLR 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
SXPFKXSPLXFR 4 2 0 1 842	1	482.2337	1443.679	3	65.33	1.70E-06	SPPKKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.888.888.3.dta
GPSGVXSAQXLR 8 8 4 0 1769	1	653.8311	1305.648	2	58.09	1.60E-06	GPSGDVSSAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1202.1202.2.dta
SXPFKXSPLXFR 5 8 0 0 1161	1	500.2656	1497.775	3	59.25	1.60E-06	SPLPKSPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1137.1137.3.dta
GPSGVXSAQXLR 5 9 5 0 1191	1	720.8654	1439.716	2	60.13	1.50E-06	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1345.1345.2.dta
SXPFKXSPLXFR 6 5 0 1 1302	1	486.9179	1457.732	3	65.37	1.50E-06	SPPKKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1083.1083.3.dta
SXPFKXSPLXFR 4 6 0 1 922	1	468.2302	1401.669	3	67.17	1.50E-06	SPPKKSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.881.881.3.dta
SXPFKXSPLXFR 9 9 9 1 2000	1	559.5968	1675.769	3	60.88	1.50E-06	SPPKKSPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1073.1073.3.dta
GPSGVXSAQXLR 3 3 5 0 671	1	729.86	1457.706	2	61.93	1.50E-06	GPSGVSSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1448.1448.2.dta
SXPFKXSPLXFR 6 3 3 1 1268	1	523.5893	1567.746	3	62.44	1.50E-06	SPPKKSPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1047.1047.3.dta
GPSGVXSAQXLR 3 0 9 0 619	1	716.8335	1431.652	2	66.82	1.50E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1136.1136.2.dta
GPSGVXSAQXLR 8 9 3 0 1787	1	730.8479	1459.681	2	67.55	1.50E-06	GPSGVSSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1306.1306.2.dta
SXPFKXSPLXFR 5 5 1 1 1104	1	510.2652	1527.774	3	64.69	1.50E-06	S			

GPSGVXSAQLXR 4 4 9 0 899	1	664.8042	1327.594	2	65.17	1.20E-06	GPSGVVGAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.834.834.2.dta
GPSGVXSAQLXR 0 5 0 0 111	1	674.8531	1347.692	2	59.45	1.10E-06	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1289.1289.2.dta
GPSGVXSAQLXR 3 3 5 0 671	1	729.8595	1457.704	2	63.73	1.10E-06	GPSGVFVFAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1497.1497.2.dta
GPSGVXSAQLXR 3 3 5 1 672	1	477.5739	1429.7	3	67.26	1.10E-06	GPSGVFSAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1385.1385.3.dta
SXPFKXSLXFGR 6 0 9 1 1220	1	503.5777	1507.711	3	69.1	1.10E-06	SPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.971.971.3.dta
GPSGVXSAQLXR 5 8 4 0 1169	1	660.8381	1319.662	2	61.77	1.10E-06	GPSGLVSAQLGR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1376.1376.2.dta
SXPFKXSLXFGR 8 0 3 1 1608	1	502.2595	1503.757	3	61.95	1.10E-06	SLFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1090.1090.3.dta
SXPFKXSLXFGR 5 0 0 1 1002	1	481.5867	1441.738	3	64.79	1.10E-06	SLFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1043.1043.3.dta
GPSGVXSAQLXR 3 1 6 0 633	1	700.8127	1399.611	2	67.43	1.10E-06	GPSGVSDAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.929.929.2.dta
SXPFKXSLXFGR 0 0 0 1 2	1	467.5716	1399.693	3	63.52	1.10E-06	SAPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.904.904.3.dta
GPSGVXSAQLXR 8 3 7 0 1675	1	699.8405	1397.667	2	66.73	1.10E-06	GPSGVFSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1235.1235.2.dta
GPSGVXSAQLXR 5 5 5 0 1111	1	695.8772	1389.74	2	62.85	1.00E-06	GPSGLVLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1585.1585.2.dta
SXPFKXSLXFGR 4 0 0 1 802	1	462.8985	1385.674	3	66.59	1.00E-06	SGPKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.923.923.3.dta
SXPFKXSLXFGR 4 0 3 1 808	1	488.2421	1461.705	3	62.02	1.00E-06	SGPKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1032.1032.3.dta
SXPFKXSLXFGR 6 0 0 1 1202	1	472.9023	1415.685	3	68.91	1.00E-06	SPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.922.922.3.dta
GPSGVXSAQLXR 5 9 1 0 1183	1	721.8369	1441.659	2	66.93	1.00E-06	GPSGLVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1081.1081.2.dta
GPSGVXSAQLXR 3 3 9 0 679	1	754.8489	1507.683	2	69.03	9.90E-07	GPSGVFSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1353.1353.2.dta
GPSGVXSAQLXR 9 9 9 0 1999	1	770.8449	1539.675	2	66.56	9.90E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1060.1060.2.dta
GPSGVXSAQLXR 5 5 5 1 1112	1	454.9179	1361.732	3	63.72	9.60E-07	GPSGLVLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1385.1385.3.dta
GPSGVXSAQLXR 5 5 7 0 1115	1	689.8571	1377.7	2	67.6	9.60E-07	GPSGLVLAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1273.1273.2.dta
SXPFKXSLXFGR 4 6 2 1 926	1	487.5655	1459.675	3	67.66	9.30E-07	SGPKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.879.879.3.dta
SXPFKXSLXFGR 6 5 0 1 1302	1	486.9184	1457.733	3	67.73	9.20E-07	SLFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1088.1088.3.dta
SXPFKXSLXFGR 0 9 9 1 200	1	528.9205	1583.74	3	66.42	9.20E-07	SAPFKXSLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1009.1009.3.dta
GPSGVXSAQLXR 6 5 3 0 1307	1	699.8423	1397.67	2	66.9	9.20E-07	GPSGVVSAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1416.1416.2.dta
SXPFKXSLXFGR 5 3 3 1 1108	1	520.9454	1559.815	3	60.43	9.10E-07	SLFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1311.1311.3.dta
SXPFKXSLXFGR 5 5 3 1 1108	1	520.9464	1559.817	3	60.4	9.10E-07	SLFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1320.1320.3.dta
SXPFKXSLXFGR 5 0 3 1 1008	1	506.9308	1517.771	3	61.77	9.00E-07	SLFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1161.1161.3.dta
GPSGVXSAQLXR 5 2 5 0 1051	1	703.8557	1405.697	2	69.08	8.90E-07	GPSGLVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1151.1151.2.dta
GPSGVXSAQLXR 5 8 7 0 1175	1	682.8503	1363.866	2	66.3	8.90E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1113.1113.2.dta
GPSGVXSAQLXR 5 8 5 0 1171	1	688.868	1375.722	2	60.86	8.60E-07	GPSGVVSAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1458.1458.2.dta
SXPFKXSLXFGR 5 5 0 1 1102	1	495.6028	1483.787	3	63.56	8.60E-07	SLFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1200.1200.3.dta
SXPFKXSLXFGR 5 8 1 0 1163	1	514.9287	1541.764	3	67.64	8.20E-07	SLFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1159.1159.3.dta
GPSGVXSAQLXR 9 9 9 0 1999	1	770.8437	1539.673	2	66.43	8.20E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1080.1080.2.dta
GPSGVXSAQLXR 8 1 0 0 1621	1	668.8164	1335.618	2	66.59	8.20E-07	GPSGVVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.833.833.2.dta
GPSGVXSAQLXR 5 4 5 0 1091	1	667.8454	1333.676	2	63.8	8.10E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1160.1160.2.dta
SXPFKXSLXFGR 4 6 0 1 922	1	468.2301	1401.668	3	69.99	8.10E-07	SGPKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.863.863.3.dta
GPSGVXSAQLXR 8 4 1 0 1683	1	661.8094	1321.604	2	65.38	8.00E-07	GPSGVVGAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.826.826.2.dta
SXPFKXSLXFGR 5 5 0 0 1101	1	504.9375	1511.791	3	61.05	7.90E-07	SLFKASPLAFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1209.1209.3.dta
GPSGVXSAQLXR 0 4 0 0 81	1	625.7983	1249.582	2	68	7.80E-07	GPSGAVGAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.739.739.2.dta
GPSGVXSAQLXR 6 5 5 0 1391	1	707.8384	1413.662	2	67.47	7.80E-07	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1072.1072.2.dta
GPSGVXSAQLXR 9 4 9 0 1899	1	717.8242	1433.634	2	70.08	7.80E-07	GPSGVVGAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.961.961.2.dta
GPSGVXSAQLXR 9 8 5 0 1971	1	476.2404	1425.7	3	67.47	7.70E-07	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1205.1205.3.dta
GPSGVXSAQLXR 5 3 5 0 1071	1	712.8688	1423.723	2	61.26	7.50E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1576.1576.2.dta
GPSGVXSAQLXR 2 3 8 0 477	1	713.8397	1425.665	2	66.63	7.50E-07	GPSGVFSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1163.1163.2.dta
GPSGVXSAQLXR 9 5 5 0 1911	1	720.865	1439.715	2	67.22	7.40E-07	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1417.1417.2.dta
GPSGVXSAQLXR 5 8 0 0 1161	1	667.8444	1333.674	2	62.68	7.30E-07	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1136.1136.2.dta
GPSGVXSAQLXR 2 2 2 0 445	1	719.8126	1437.611	2	69.09	7.20E-07	GPSGVSEAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.763.763.2.dta
SXPFKXSLXFGR 0 0 0 0 1	1	476.906	1427.696	3	69.5	7.20E-07	SAPFKASPLAFGR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1060.1060.3.dta
SXPFKXSLXFGR 8 5 0 1 1702	1	490.9303	1469.769	3	67.12	7.00E-07	SVFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1121.1121.3.dta
GPSGVXSAQLXR 5 5 8 0 1117	1	688.8692	1375.724	2	65.16	6.90E-07	GPSGLVLAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1336.1336.2.dta
GPSGVXSAQLXR 5 8 1 0 1163	1	689.8405	1377.667	2	66.84	6.90E-07	GPSGLVSAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1136.1136.2.dta
SXPFKXSLXFGR 5 8 1 0 1163	1	514.9289	1541.765	3	68.46	6.80E-07	SLFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1165.1165.3.dta
SXPFKXSLXFGR 0 9 0 1 182	1	498.2458	1491.715	3	69.89	6.80E-07	SAPFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.977.977.3.dta
SXPFKXSLXFGR 6 5 9 1 1320	1	517.5938	1549.76	3	68.1	6.50E-07	SPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1128.1128.3.dta
SXPFKXSLXFGR 2 4 2 1 486	1	501.5689	1501.685	3	69.25	6.50E-07	SEPKKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.880.880.3.dta
GPSGVXSAQLXR 8 8 4 0 1769	1	653.8292	1305.644	2	61.89	6.50E-07	GPSGVVSAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1019.1019.2.dta
GPSGVXSAQLXR 1 1 9 0 239	1	722.8087	1443.603	2	67.47	6.40E-07	GPSGVVDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.849.849.2.dta
GPSGVXSAQLXR 5 5 4 0 1109	1	667.8453	1333.676	2	64.89	6.30E-07	GPSGLVLAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1290.1290.2.dta
GPSGVXSAQLXR 8 8 5 0 1771	1	681.86	1361.706	2	62.11	6.20E-07	GPSGVVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1289.1289.2.dta
SXPFKXSLXFGR 6 9 3 1 1388	1	528.9216	1583.743	3	68.47	6.20E-07	SPFKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1125.1125.3.dta
GPSGVXSAQLXR 9 4 4 0 1889	1	664.8033	1327.592	2	68.15	6.20E-07	GPSGVVGAQLGR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.809.809.2.dta
GPSGVXSAQLXR 5 8 8 1 1178	1	445.575	1333.703	3	68.35	5.90E-07	GPSGLVSAQLVK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1166.1166.3.dta
SXPFKXSLXFGR 6 5 0 1 1302	1	486.9176	1457.731	3	69.5	5.80E-07	SLFKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1079.1079.3.dta
SXPFKXSLXFGR 4 0 9 1 820	1	493.5737	1477.699	3	71.04	5.80E-07	SGPKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.945.945.3.dta
SXPFKXSLXFGR 5 8 1 0 1163	1	514.9291	1541.765	3	69.18	5.70E-07	SLFKASPLDFGR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1168.1168.3.dta
GPSGVXSAQLXR 3 9 8 0 797	1	730.8503	1459.866	2	68.61	5.70E-07	GPSGVVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1199.1199.2.dta
GPSGVXSAQLXR 5 5 9 0 1119	1	720.8667	1439.719	2	65.74	5.60E-07	GPSGLVLAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1408.1408.2.dta
SXPFKXSLXFGR 4 0 3 1 808	1	488.2424	1461.705	3	64.67	5.60E-07	SGPKASPLFFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1044.1044.3.dta
GPSGVXSAQLXR 2 2 3 0 447	1	728.8264	1455.638	2	68.66	5.60E-07	GPSGVSEAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1101.1101.2.dta
GPSGVXSAQLXR 5 0 0 0 1001	1	653.8287	1305.643	2	62.63	5.50E-07	GPSGLVSAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1008.1008.2.dta
GPSGVXSAQLXR 8 5 3 0 1707	1	705.8597	1409.705	2	67.47	5.40E-07	GPSGVVLAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1464.1464.2.dta
GPSGVXSAQLXR 5 4 8 0 1097	1	660.8374	1319.66	2	64.86	5.40E-07	GPSGLVSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1034.1034.2.dta
SXPFKXSLXFGR 4 0 0 1 802	1	462.8994	1385.677	3	67.11	5.30E-07	SGPKASPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.905.905.3.dta
SXPFKXSLXFGR 4 3 8 1 1178	1	500.2734	1497.799	3	67.06	5.30E-07	SLFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1167.1167.3.dta
SXPFKXSLXFGR 6 0 9 1 140	1	503.5771	1507.71	3	72.34	5.20E-07	SAPFKASPLVFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.897.897.3.dta
GPSGVXSAQLXR 3 5 8 0 717	1	705.8601	1409.706	2	62.95	5.10E-07	GPSGVFSAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1392.1392.2.dta
SXPFKXSLXFGR 6 0 0 1 1202	1	472.9022	1415.685	3</						

GPSGVXSQAQLXR 2 2 9 0 459	1	736.8218	1471.629	2	70.55	3.80E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.846.846.2.dta
GPSGVXSQAQLXR 8 9 3 0 1787	1	730.8495	1459.684	2	70.33	3.80E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1378.1378.2.dta
GPSGVXSQAQLXR 0 8 8 0 177	1	660.8376	1319.661	2	66.5	3.70E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1000.1000.2.dta
GPSGVXSQAQLXR 2 9 5 0 591	1	728.8451	1455.676	2	70.07	3.70E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1129.1129.2.dta
GPSGVXSQAQLXR 9 8 5 1 1972	1	466.9063	1397.697	3	71.23	3.70E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1203.1203.3.dta
SXPFKXSPLXFG 9 5 1 1 1104	1	510.2648	1527.773	3	70.71	3.70E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1191.1191.3.dta
GPSGVXSQAQLXR 2 1 9 0 439	1	729.8156	1457.617	2	70.85	3.60E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.824.824.2.dta
GPSGVXSQAQLXR 0 5 5 0 1111	1	674.8522	1347.69	2	64.56	3.50E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1397.1397.2.dta
SXPFKXSPLXFG 4 6 0 1 922	1	468.231	1401.671	3	72.61	3.50E-07	SGPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.872.872.3.dta
SXPFKXSPLXFG 6 9 9 1 1400	1	534.2524	1599.736	3	68.72	3.40E-07	SXPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1023.1023.3.dta
GPSGVXSQAQLXR 4 4 4 0 889	1	611.782	1221.55	2	76.72	3.40E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.756.756.2.dta
SXPFKXSPLXFG 0 9 9 1 200	1	528.9207	1583.74	3	70.83	3.30E-07	SXPFKSSPLYFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1017.1017.3.dta
GPSGVXSQAQLXR 9 3 3 0 1867	1	503.569	1507.685	3	71.57	3.30E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1357.1357.3.dta
GPSGVXSQAQLXR 2 2 9 0 459	1	736.8264	1471.638	2	70.61	3.20E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.876.876.2.dta
GPSGVXSQAQLXR 5 9 5 1 1192	1	471.5773	1411.71	3	70.96	3.20E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1225.1225.3.dta
GPSGVXSQAQLXR 1 9 5 0 391	1	721.8362	1441.658	2	72.29	3.20E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1105.1105.2.dta
GPSGVXSQAQLXR 5 5 8 1 1118	1	450.2463	1347.717	3	69.08	2.90E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1282.1282.3.dta
SXPFKXSPLXFG 6 5 5 1 1312	1	500.9341	1499.781	3	70.66	2.90E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1201.1201.3.dta
GPSGVXSQAQLXR 0 1 6 0 33	1	662.7977	1323.581	2	71.28	2.90E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.728.728.2.dta
GPSGVXSQAQLXR 3 8 8 0 777	1	698.8535	1395.693	2	65.6	2.80E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1239.1239.2.dta
GPSGVXSQAQLXR 8 5 8 0 1717	1	681.8589	1361.703	2	67.35	2.70E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1329.1329.2.dta
GPSGVXSQAQLXR 1 0 8 0 217	1	668.8163	1335.618	2	71.58	2.60E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.867.867.2.dta
SXPFKXSPLXFG 6 5 5 1 1102	1	495.6017	1483.783	3	69.76	2.50E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1191.1191.3.dta
GPSGVXSQAQLXR 5 8 0 0 1161	1	667.846	1333.678	2	68.85	2.50E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1097.1097.2.dta
SXPFKXSPLXFG 4 3 0 1 862	1	488.243	1461.707	3	68.25	2.50E-07	SGPFKSSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1120.1120.3.dta
GPSGVXSQAQLXR 0 9 0 0 181	1	678.8191	1355.624	2	69.5	2.50E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.881.881.2.dta
GPSGVXSQAQLXR 8 8 2 0 1765	1	689.8404	1377.666	2	71.31	2.50E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1001.1001.2.dta
GPSGVXSQAQLXR 3 9 5 0 791	1	737.8583	1473.702	2	71.09	2.50E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1384.1384.2.dta
SXPFKXSPLXFG 4 5 0 1 902	1	476.9144	1427.721	3	72.3	2.40E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1108.1108.3.dta
GPSGVXSQAQLXR 2 2 2 0 445	1	719.8133	1437.612	2	72.78	2.40E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.769.769.2.dta
GPSGVXSQAQLXR 2 1 9 0 439	1	729.8145	1457.614	2	71.11	2.40E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.818.818.2.dta
SXPFKXSPLXFG 4 8 0 1 962	1	472.2429	1413.707	3	72.72	2.20E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1008.1008.3.dta
GPSGVXSQAQLXR 0 8 5 0 171	1	667.8454	1333.676	2	69.45	2.20E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1184.1184.2.dta
SXPFKXSPLXFG 4 5 0 1 906	1	496.2498	1485.728	3	75.21	2.20E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1082.1082.3.dta
SXPFKXSPLXFG 4 3 0 0 861	1	497.5781	1489.713	3	70.65	2.20E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1136.1136.3.dta
GPSGVXSQAQLXR 5 3 0 0 1061	1	691.8452	1381.676	2	68.31	2.20E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1248.1248.2.dta
GPSGVXSQAQLXR 3 6 0 0 721	1	678.8169	1355.619	2	73.5	2.20E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.931.931.2.dta
GPSGVXSQAQLXR 5 9 9 0 1199	1	745.8558	1489.697	2	71.32	2.20E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1160.1160.2.dta
SXPFKXSPLXFG 4 0 0 1 802	1	462.8992	1385.676	3	73.51	2.00E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.897.897.3.dta
GPSGVXSQAQLXR 3 2 3 0 647	1	737.8395	1473.664	2	73.26	2.00E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1209.1209.2.dta
GPSGVXSQAQLXR 3 2 3 0 647	1	737.8404	1473.666	2	73.32	2.00E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1233.1233.2.dta
GPSGVXSQAQLXR 1 5 3 0 307	1	713.8396	1425.665	2	72.45	2.00E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1305.1305.2.dta
GPSGVXSQAQLXR 8 3 3 0 1667	1	722.8513	1443.688	2	72	2.00E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1466.1466.2.dta
GPSGVXSQAQLXR 5 0 5 0 1011	1	674.8523	1347.69	2	67.21	1.90E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1248.1248.2.dta
GPSGVXSQAQLXR 5 8 3 0 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
GPSGVXSQAQLXR 9 3 3 0 1867	1	754.8507	1507.687	2	73.68	1.70E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1545.1545.2.dta
SXPFKXSPLXFG 8 8 9 1 1780	1	516.9344	1547.782	3	71.67	1.70E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1096.1096.3.dta
GPSGVXSQAQLXR 4 9 3 0 987	1	709.8256	1417.637	2	75.8	1.70E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1245.1245.2.dta
GPSGVXSQAQLXR 5 9 5 0 1191	1	480.9132	1439.718	3	71.25	1.60E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1250.1250.3.dta
SXPFKXSPLXFG 5 5 5 1 1112	1	509.6168	1525.829	3	68.03	1.60E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1295.1295.3.dta
SXPFKXSPLXFG 4 3 0 1 862	1	488.2422	1461.705	3	70.2	1.60E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1112.1112.3.dta
GPSGVXSQAQLXR 1 1 2 0 225	1	705.7975	1409.581	2	72.76	1.60E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.754.754.2.dta
SXPFKXSPLXFG 5 8 9 1 1180	1	521.6054	1561.794	3	70.76	1.60E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1151.1151.3.dta
SXPFKXSPLXFG 4 0 0 1 802	1	462.8986	1385.674	3	75.03	1.50E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.896.896.3.dta
GPSGVXSQAQLXR 5 9 9 0 1019	1	466.8975	1397.671	3	72.69	1.50E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1269.1269.3.dta
GPSGVXSQAQLXR 5 9 5 0 1191	1	480.9127	1439.716	3	70.35	1.40E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_45.1628.1628.3.dta
GPSGVXSQAQLXR 5 5 5 0 1111	1	695.8755	1389.737	2	69.8	1.40E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1496.1496.2.dta
GPSGVXSQAQLXR 8 5 5 0 1711	1	688.8676	1375.721	2	68.6	1.40E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1409.1409.2.dta
GPSGVXSQAQLXR 2 2 5 0 451	1	711.8337	1421.653	2	75.28	1.40E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.941.941.2.dta
GPSGVXSQAQLXR 5 3 5 0 1071	1	712.8675	1423.762	2	72.25	1.30E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1481.1481.2.dta
GPSGVXSQAQLXR 8 9 8 0 1797	1	706.8503	1411.686	2	70.55	1.30E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1080.1080.2.dta
GPSGVXSQAQLXR 6 1 1 1 1224	1	670.7932	1339.572	2	72.17	1.30E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.720.720.2.dta
GPSGVXSQAQLXR 6 1 6 0 1233	1	670.7932	1339.572	2	72.17	1.30E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.720.720.2.dta
GPSGVXSQAQLXR 5 8 0 0 1117	1	688.8704	1375.726	2	71.98	1.20E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1863.1863.2.dta
GPSGVXSQAQLXR 5 8 0 0 1161	1	667.8452	1333.676	2	72.23	1.20E-07	GPSGLVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1112.1112.2.dta
SXPFKXSPLXFG 0 5 0 1 102	1	481.5867	1441.738	3	74.53	1.20E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1079.1079.3.dta
GPSGVXSQAQLXR 0 1 6 0 33	1	662.798	1323.581	2	75.14	1.20E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.736.736.2.dta
GPSGVXSQAQLXR 9 1 6 0 1833	1	708.8084	1415.602	2	72.86	1.20E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.809.809.2.dta
GPSGVXSQAQLXR 9 1 1 1 1824	1	708.8084	1415.602	2	72.86	1.20E-07	GPSGVSDAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.809.809.2.dta
GPSGVXSQAQLXR 3 4 1 0 683	1	685.8091	1369.604	2	72.02	1.20E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	AIC_synth_test_25.1095.1095.2.dta
SXPFKXSPLXFG 4 6 6 1 934	1	473.5611	1417.662	3	75.71	1.10E-07	SGPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.873.873.3.dta
SXPFKXSPLXFG 5 9 9 1 1080	1	537.6056	1609.795	3	70.5	1.10E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1239.1239.3.dta
SXPFKXSPLXFG 5 3 9 1 1080	1	537.6066	1609.798	3	69.65	1.10E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1243.1243.3.dta
SXPFKXSPLXFG 8 9 9 1 1800	1	538.2653	1611.774	3	70.73	1.00E-07	SXPFKKSPLDFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1059.1059.3.dta
GPSGVXSQAQLXR 3 2 5 0 651	1	720.8463	1439.678	2	75.47	1.00E-07	GPSGVVSYAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1198.1198.2.dta
GPSGVXSQAQLXR 9 2 0 0 1841	1	472.2164	1413.627	3	78.03	1.00E-07	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.850.850.3.dta
GPSGVXSQAQLXR 2 2 9 0 459	1	736.8239	1471.633	2	76.38	9.90E-08	GPSGEVSEAQLYR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.849.849.2.dta
GPSGVXSQAQLXR 4 3 3 0 867										

GPSGXVSAQQLXR 8 5 6 0 1713	1	675.8428	1349.671	2	80.44	2.70E-08	GPSGVVSLAQLSR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1087.1087.2.dta
GPSGXVSAQQLXR 6 8 0 0 1361	1	654.8183	1307.622	2	80.38	2.60E-08	GPSGVSVAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.866.866.2.dta
SXPFKXSPLXFR 4 5 0 1 902	1	476.9148	1427.723	3	82.87	2.10E-08	SGPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_375V.1081.1081.3.dta
GPSGXVSAQQLXR 0 0 1 0 3	1	654.8015	1307.588	2	84.27	2.10E-08	GPSGAVSAAQLDR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.800.800.2.dta
SXPFKXSPLXFR 6 5 0 1 1302	1	486.9178	1457.732	3	84.21	2.00E-08	SXPFKLSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1105.1105.3.dta
SXPFKXSPLXFR 0 0 5 1 12	1	481.5871	1441.739	3	79.98	2.00E-08	SAPFKASPLLFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.997.997.3.dta
GPSGXVSAQQLXR 0 1 7 0 35	1	669.8047	1337.595	2	81.53	2.00E-08	GPSGAVSQAQLTR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.753.753.2.dta
GPSGXVSAQQLXR 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
GPSGXVSAQQLXR 2 3 3 0 467	1	737.8382	1473.662	2	79.73	1.90E-08	GPSGVSFAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1465.1465.2.dta
GPSGXVSAQQLXR 8 8 3 0 1767	1	698.8525	1395.69	2	77.41	1.80E-08	GPSGVVVAQLFR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1319.1319.2.dta
SXPFKXSPLXFR 4 8 0 1 962	1	472.2424	1413.706	3	83.96	1.70E-08	SGPFKVSPLAFGK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.996.996.3.dta
GPSGXVSAQQLXR 5 4 5 0 1091	1	667.8455	1333.676	2	80.79	1.60E-08	GPSGLVSGAQLLR	Phospho (ST)	0.0000001000000.0	AJC_synth_test_25.1418.1418.2.dta
GPSGXVSAQQLXR 4 5 5 0 911	1	667.8451	1333.676	2	81.07	1.50E-08	GPSGGVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1376.1376.2.dta
GPSGXVSAQQLXR 5 5 5 1 1112	1	454.9176	1361.731	3	82.42	1.30E-08	GPSGLVSLAQLLK	Phospho (ST)	0.0000001000000.0	Synth_pep_40V.1383.1383.3.dta
GPSGXVSAQQLXR 1 4 5 0 291	1	668.8162	1335.618	2	84.99	1.20E-08	GPSGLVSGAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.912.912.2.dta
GPSGXVSAQQLXR 5 0 5 0 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
GPSGXVSAQQLXR 5 8 8 0 1177	1	681.861	1361.708	2	81.66	7.20E-09	GPSGLVVAQLVR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1200.1200.2.dta
GPSGXVSAQQLXR 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
GPSGXVSAQQLXR 5 9 5 0 1191	1	720.8666	1439.719	2	85.45	6.00E-09	GPSGLVSYAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_325V.1304.1304.2.dta
GPSGXVSAQQLXR 8 8 0 0 1761	1	660.8374	1319.66	2	84.75	5.50E-09	GPSGVVVAQLAR	Phospho (ST)	0.0000001000000.0	Synth_pep_35V.1008.1008.2.dta
GPSGXVSAQQLXR 0 5 5 0 111	1	674.8521	1347.69	2	84.71	3.40E-09	GPSGAVSLAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_30V_120502214048.1320.1320.2.dta
GPSGXVSAQQLXR 5 0 5 0 1011	1	674.8535	1347.692	2	84.93	3.20E-09	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1308.1308.2.dta
GPSGXVSAQQLXR 5 3 5 0 1071	1	475.5816	1423.723	3	85.24	3.00E-09	GPSGLVSAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_425V.1393.1393.3.dta
GPSGXVSAQQLXR 8 8 5 0 1771	1	681.861	1361.708	2	89.17	1.30E-09	GPSGVVVAQLLR	Phospho (ST)	0.0000001000000.0	Synth_pep_275V.1374.1374.2.dta