

Gene names	Sequence	Variable modifications (position and description)	147D Resistant - NS -B1L		147D Resistant - NS -B2L		147D Parent - NS -B1L		147D Parent - NS -B2L		147D Parent - NS -B1L		147D Parent - NS -B2L				
			Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	Survive (13135, 147D, Deaminate_1)	Survive (13135, 147D, Deaminate_2)	
ACAP2	WFSQNNQLVYVQK		557.31	1153.42	855.365	1240.96	1332.29	1296.625	3649.09	3038.04	3343.565	3356.74	3963.58	3600.16	0.58898	-1.50832	0.13052
ACLY	TFDQVYEGVAGDGR		92.37	40.43	66.4	597.02	72.36	659.69	145.18	87.97	116.575	703.89	87.01	3.312533	-0.25459	1.75234	
ACT10	GVSPVTFIAER		3261.39	3676.39	3418.89	2314.39	2274.15	2294.27	9114.58	6517.32	7815.95	483.43	349.46	421.445	-0.57549	2446.19	-4.213
ADAM8	HVSPVTPRPFVYANR		1086.05	1286.05	2105.21	2819.09	2626.26	2626.26	5191.54	5191.54	5256.08	119.9	2380.86	1240.38	1.19	0.00000	0.35227
ADAM9	FVYVYAAK		97.33	134.62	115.975	929.12	518.79	737.455	1223.27	613.21	918.24	285.45	405.54	2.668741	0.862711	-1.17903	
AFAP1L2	VAAQPLSLVGGVETDPDPSDHLYSFR		0	290.78	145.39	145.15	534.11	339.63	672.25	1045.92	859.085	776.5	779.88	778.19	1.220336	-1.19616	-0.14268
AGR2	LAEQPFLLLVYGGCTK		1865.29	7126.9	640.37	2174.78	222.92	2167.545	29999.76	33002.31	31861.1	2321.16	2374.49	192	-1.0535	0.46058	-3.76264
AGR2	HLSPDQGVYFR		1692.75	1395.71	153.23	33.71	51.2	42.455	424.23	6205.93	3505.08	26.35	36.4	30.875	-1.9013	0.45948	-6.85185
AKRY2	FNLVYQK		98.32	69.32	83.32	132.9	156.6	84.945	904.56	75.47	490.175	87.10	130.32	0.019235	-0.60209	-1.87793	
AKR7A2	FVYAPFLAGLLTK		1	1	1	5.33	0.32	2.825	340.03	368.31	36.17	36.17	1	1	1.89251	4.98251	-8.51637
ANKK1A	EQGQPELLLTAEK		10428.1	7777	9103.37	3767.67	3717.19	3759.93	51.87	5403.37	5326.34	20763.65	29566.66	233684.1	2.04281	0.68206	2.137426
ANKK1A	EDEHPHLLTAEK		3877.87	4931.91	4404.89	1001.33	896.67	949	2427.11	2620.79	2623.35	1825.85	1605.56	2.21463	-0.7586	-0.70866	
ANKK1A	IHGSAAREEEDHPHLLTAEK		21985	25021.39	23503.2	1027.09	1205.99	1116.49	20817.57	20449.13	20633.35	2220.7	2555.43	3388.065	-4.35851	-1.09687	-1.11106
ANKK2	NTYVDFEAREDEHPHLLTAEK		5647.32	5838.26	5742.79	44.85	78.77	61.81	6727.11	4566.97	6302.04	109.7	112.01	110.885	-0.53777	-0.84276	-0.78018
ANKX2P	NTYVDFEAREDEHPHLLTAEK		5747.59	5707.08	7722.35	4844.21	5911.1	5376.91	15593.63	12989.1	14166.36	9862	85529	9134.34	1.78951	0.78951	0.26553
ANKX2P	ALLYLGGDD		113.3	24.51	68.905	7.5	115.52	62.51	785.74	73.45	449.45	40.215	43.405	-0.14052	-2.79022	-0.7819	
ANKX2P	LYLYYQDQTK		2673.23	2154.04	2413.635	1902.81	2342.94	2122.875	3621.48	4331.88	3976.68	1419.04	1698.22	1558.63	-0.18519	0.445741	-1.31219
ANKX2P	ATYVDFEAREDEHPHLLTAEK		10945.08	1847.73	15296.25	7083.62	6821.26	6852.53	7418.18	7845.6	7845.6	2509.24	2449.5	1.866	-1.186	1.46917	-1.63972
ANKX5	SLLVYQK		346.05	246.55	296.3	650.74	1218.13	934.435	1225.04	1178.425	1005.76	866.2	95.8	16.0736	-0.10287	-0.32986	
ARAP2	MDPPIYVAK		146.8	338.26	242.53	2954.95	2407.44	2781.195	11.77	80.065	76.11	251.06	43.065	3620.855	3.51947	-0.30863	2.06858
ARHGAP35	NEEDNYVSPHDSGQK		19586.4	22827.9	21249.1	45181.69	290191	370905	434260.1	470322.6	435644.8	419403.5	463223.2	8041136	-0.29683	0.66882	0.66882
ARHGEF10L	EQGQPELLLTAEK		761.82	701.2	731.1	6101.38	6329.7	6329.7	5101.54	5191.54	5256.08	4729.37	34003.87	4064.1	3.09439	0.65279	-0.31197
ARPC3	TDIDVDEYAEK		55.12	238.99	147.055	1347.88	1222.93	1285.405	2354.55	1904.66	2139.605	2494.42	2490.165	3.127795	-1.218	0.48639	
ATP13A1	QFLVAFVPGVNFYSQNSR		638.68	2916.62	1876.15	5695.56	6418.6	6007.08	15161.43	12712.84	11877.314	21689.72	27624.31	24857.02	1.678889	-2.03726	0.823064
ATP13A1	HLSPDQGVYFR		265.23	60.48	162.275	50.74	45.2	50.7	312.01	312.01	362.96	362.96	431.11	1.16	0.44605	0.46451	
ATP13A1	LQSTDLVAAVK		193.21	33.89	113.55	315.34	135.79	225.565	517.58	123.58	320.58	25.79	43.05	346.87	0.990216	-0.6088	0.113711
ATP13A1	GIIVYTDGR		63826.85	5940.78	59883.82	13818.21	131144.8	134665	132762.3	142016.3	137389.3	41695.27	37890.08	39702.68	1.16937	-1.78787	-0.87278
ATP5B	VDLLLAFYAK		129.43	214.14	171.795	1.1	1.1	1.488	384.47	436.335	1.1	1.1	1.1	1.1	-7.42446	0.0	-8.70268
ATP5B	HALLENPPADIAWYAK		240.1	988.28	590.37	377.53	317.78	347.66	1329.04	1512.37	1536.04	515.63	288.9	392	1.1	-1.7351	-0.37278
BCAR1	VDPVLLVPPVSEK		37.57	426.06	399.315	2831.64	3170.81	3170.81	161.695	161.695	161.695	161.695	2339.92	1.995	2.99094	0.588783	0.76728
BCAR1	RLGGPQDLYDVPK		26352	30638.39	28494.02	53772.5	40318.85	47045.68	24384.37	16742.8	20653.99	29474.01	26110.52	27792.27	0.72403	0.79379	0.434592
BCAR1	SCATEYVDFYFAK		122985.1	20885.08	1601.31	22176.3	222019.7	22191.9	14855.4	12869.4	12869.4	14855.4	12869.4	14855.4	1.28694	0.26553	0.26553
BCAR1	HLLPQGGDLYDVPVPR		132627.7	12713.3	126969.5	198461.6	180746.2	189693.9	140631.5	125335.9	143681.7	173846.3	159103.6	107481.6	0.253022	0.258717	0.258717
BCAR1	GLPPSNHAAVYDVPSPVSK		664251	55838.28	51155.4	78990.44	88002.13	83496.29	73849.98	64340.27	61905.3	79811.49	84559.79	821364.07	0.062826	0.02861	0.250267
BCAR1	AQDQLVQVPGSPVDFVPPVPPAER		49782.57	78338.33	73881.65	124065.3	97748.38	110906.3	110381	124577.3	117492.3	127412	148588.9	193335	0.584109	-0.28506	0.202001
BCAR1	LVLPFEVADGVVDSGVVAFVPPAER		152219.2	169799.6	161539.6	178544.6	178544.6	139899.6	139899.6	139899.6	139899.6	139899.6	139899.6	139899.6	1.398996	0.0	0.0
BCAR3	CLEEHYTGSPQGR		0	14.56	7.28	106.95	0	0.5475	17.45	0	8.725	15.59	0	77.695	0.276854	-0.58986	3.15495
BCAR3	VPPSSRAVNSLSEAYCEVLPFAATGCGR		4002.06	18940.34	11471.2	9884.18	8429.05	9156.615	6871.29	6416.48	6643.88	5779.48	6477.16	6128.32	-0.28513	0.579323	-0.11654
BCR	HQSGPDAEAEKQFVYVDFEARE		4312.15	5698.44	5020.785	2866.39	2626.21	2492.3	1822.42	9222.75	13822.64	9344.54	1169.39	3.30347	1.98344	0.623791	
C11orf52	SPGMSDELNHADYVQSRPFAK		1377.1	1707.04	1542.07	97430.97	101356.9	99398.95	1873.49	1100.73	1487.51	23249.79	24054.51	23652.15	6.101929	2.071259	3.91189
C11orf52	HVHLENATAYLR		27472.14	31115.42	29293.78	146999.4	145711.5	146202.9	40212.19	34366.85	32723.44	23669.57	23669.57	23669.57	2.30936	2.504229	-0.5373
C3orf78	NAEDQLYVFNIR		882.09	301.89	591.99	2494.06	2247.44	2370.75	4486.14	4174.6	4330.37	4311.49	5006.69	4659.09	2.16997	-0.9747	1.05558
CALC1	AA4AAKSGDPIYVQAEK		2654.1	2758.05	2622.76	50.74	4762.04	4762.04	1959.81	1959.81	2036.15	2329.47	2329.47	2329.47	1.1	0.44605	0.46451
CALM2	VFDKNGVYVSEK		91.04	60.67	390.855	1022.97	1114.32	1068.645	1461.52	1288.16	1288.16	1290.32	105.79	1.41077	-0.03619	-0.32752	
CALR	FVLSASFEFFSK		717.85	1324.91	1021.38	74.27	109.08	91.675	3656.2	3425.19	3509.58	34.24	0	17.12	-3.47785	2.20846	-7.69221
CALR	WVHFVYK		50.74	144.82	100.92	13.21	0	0	6.855	292.72	299.998	290.336	0	0	-3.87991	2.77759	-11.5316
CANX	VPIVTEGVYVDFSDR		598.63	910.26	628.14	443.76	367.33	347.33	1512.37	1512.37	1536.04	515.63	288.9	392	1.1	-1.866	-0.36983
CARKD	IGVGGQVQGFYGFAYFAIAK		12464.34	45246.28	28855.31	37031.8	30948.16	33889.88	27027.48	22747.74	24878.61	24385.39	23045.29	27365.34	0.26273	0.31276	1.03622
CASKIN2	NTYVDFEAREDEHPHLLTAEK		3388.69	981.82	6599.45	13861.98	14677.66	14254.82	9702.82	8195.78	8987.35	13981.12	103345	13650.24	1.11033	0.06254	0.694044
CBL	KPSSANNSLAARPLVFK		269.33	862.31	862.31	862.31	862.31	862.31	862.31	862.31	862.31	862.31	862.31	862.31	0.86231	0.86231	0.86231
CCK1	HSLSEVLEAK		162.15	41.79	101.97	21.07	14.64	17.855	3161.73	3073.76	3117.34	990.8	38.7	54.585	-2.5174	-4.5307	-2.51727
CDK1	IGEGYGVVYK		605207.4	57001.2	591612.3	511060.2	544110.1	447806.2	704621.2	608060.2	666136.2	652231.4	628060.2	6405188	2.919512	-0.45716	-0.1038
CDK1	IGEGYGVVYK		666.43	731.04	699.735	237.89	465.16	381.525	5863.23	4251.47	5057.35	3141.04	5141.03	-0.87503	-3.44014	-0.28839</	

GLU01_Y512	DIVHGLAYTMR	Phospho(Y)	315.09	278.72	296.805	21065.25	22491.87	21778.56	294.88	318.23	306.55	10348.39	7411.11	8879.75	6.196763	1.294318	4.856301
GOLGA4	EEREKLTENVYSBK	Phospho(Y)Phospho(ST)	1410.74	1047.97	1229.355	5201.84	4282.72	4742.29	337.03	186.58	261.895	107.43	87.74	92.585	1.947679	5.678959	-1.49964
GOLGA5	NTDTYELKQNTLDYTGPK	Phospho(Y)	376.1	243.24	270.78	4887.72	3027.07	4420.57	4298.57	505.94	272.35	570.96	400.62	386.07	2.5277	6.05975	0.83333
GRPC5C	VPSEAGLNLVPR	Phospho(Y)	882.85	4318.4	4070.625	9527.24	8131.7	8829.47	7126.58	6796.35	6961.465	1572.55	1774.64	1816.11	1.170777	-1.04045	1.383388
GRPC5C_Y414	AEDMYSQA0SHOATPPK	Phospho(Y)	28.7	25.28	26.9	176.64	181.47	481.05	0.08	10.02	0.05	35.96	74.40	417.7	1.165754	0.20784	0.32046
GSK3A	PEMYSVYSIK	Phospho(Y)	1026798	1045200	1036999	2561966	3229987	2895777	2503680	2243350	2391515	2700005	3199400	2329982	1.482227	-0.01643	0.22646
GSK3B	LDLDFPVLVLDGK	Phospho(Y)	286.74	1981.84	2100.6	1500.0	1027.7	80.2	23.4	90.2	23.4	51.6	23.4	51.6	23.4	51.6	23.4
HARS	LDLDDKGGELLSLR	Phospho(Y)	129.44	38.28	25.56	566.56	456.52	51.54	94.39	112.85	102.12	125.14	182.11	1188.65	1.00185	-1.21646	0.20937
HADC10	EEALTLAKGLLDDMLDGDVNSGIATPASAAATLADLVAR	Phospho(ST)Phospho(ST)Phospho	14123.24	77.28	210.26	2569.54	5.37	1287.455	127.86	337.64	232.65	3.66	932.74	4918.2	-2.46335	-1.93381	4.01897
HIPK2	FCYFQYLCYR	Phospho(Y)	678.93	647.77	610.25	1402.56	1027.67	1402.56	1027.67	1402.56	1027.67	1402.56	1027.67	1402.56	1027.67	1402.56	1027.67
HIPK3	AVCSYTLQSR	Phospho(Y)	734.2	13430.08	10377.14	31919.71	38946.7	35073.21	58612.42	58582.81	58782.62	38077.25	6223.02	30664.29	1.75696	0.19381	-0.93883
HIST1H2B	TSVSYTLQSR	Phospho(Y)	3046.99	2813.96	2937.45	10460.44	9403.05	9403.05	14585.69	16586.18	15586	1077.23	2531.37	16820.01	0.11940	-0.84845	0.43475
HIST1H4	ESYVYVYK	Phospho(Y)	0.03	101.09	50.56	0	2.81	14.05	675.87	935.65	305.76	29.71	0	14.855	-5.16935	-3.40231	-5.76133
HIST2HB	SGCLFVEETR	Phospho(Y)	3489.32	5720.37	4604.86	9603.43	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24	10096.24
HMEB1	ESYVYVYK	Phospho(Y)	1171.98	1058.33	1115.155	61.95	121.45	91.7	4033.43	2827.18	3433.305	48.09	63.09	55.808	-1.80148	0.72226	-5.94763
HNRNP42B1	RPPSAFFLFCSEYR	Phospho(Y)	1002.57	1164.63	1083.6	5201.91	479.6	500.255	1024.7	1227.18	1125.94	349.04	376.27	362.655	-1.151	0.464066	-1.63446
HNRNP42B1	NGDPSGGVYVPGGSSGGSSGVYGR	Phospho(Y)	434.85	32.75	23.8	7892.35	6136.64	8939.485	195.19	32.75	195.19	3697.36	6372.52	5120.24	0.33209	5.55146	0.2242
HNRNP41	ATDFINDFSPNLVPR	Phospho(Y)	31.79	832.88	602.48	302.49	495.38	398.935	1123.95	1117.97	1120.96	176.76	176.76	154.07	0.15411	-0.59471	0.339802
HSP90A1	HIYITGETK	Phospho(Y)	1997.15	1894.81	1945.98	800.14	1020.52	910.33	11998.72	11751.55	11875.14	1292.41	1312.94	1302.675	-1.09604	-0.57102	-1.3839
HSP90A1	HSGFVPTFLVEK	Phospho(Y)	1275.65	2892.98	2948.21	22.51	136.14	79.25	4652.19	4712.02	4862.105	1.57	60.68	32.925	-1.56759	1.26592	-7.15183
HSP90A2	HSYVITVFLYK	Phospho(Y)	152.12	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41	593.41
HSP90A2B2	SIYITGESK	Phospho(Y)	79.01	49.76	64.385	78.7	22.02	128.3	1107.25	777.25	942.2	58.08	33.8	98.29	0.994725	0.384005	-3.62602
HSP90B1	DISTNYV43QK	Phospho(Y)	777.02	606.09	691.555	251.56	33.5	291.53	509.24	569.26	584.92	106.10	828.92	1167.52	-1.2462	-2.07073	-3.23274
HSP90B1	AHAGDGLTYVSCVGFQHK	Phospho(ST)	890.11	510.126	1493.395	356.49	1058.08	1010.255	515.58	1485.07	951.35	1213.12	1653.19	1407.155	-0.47002	0.494765	0.22888
HSP90B1	ELEOVNPIGSLVQAGGPGGGGQAQPK	Phospho(Y)	692.74	20000.54	13411.64	5171.9	4774.59	49373.245	26865.17	23218.32	24851.75	6874.02	8008.83	7451.275	-1.43123	-0.583	-1.74358
HSP90B1	TFPSVFAFDTDR	Phospho(Y)	1214.82	2188.9	1701.86	50.76	9.7	73.23	5224.06	3533.91	4378.85	24.61	201.33	227.7	-0.5353	-1.62435	-4.27767
HSP90B1	HEFVWVWAGAT	Phospho(Y)	1152.71	713.54	933.125	2975.13	3203.36	3089.245	1271.07	1566.61	1318.84	4511.61	4943.81	4727.71	1.727112	-0.19389	1.841782
HSP90B1	YTHAVVYVYVNDVPR	Phospho(Y)	5131.17	5029.25	26	34.26	41.47	34.26	41.47	34.26	41.47	173.3	20.9	163.48	0.22479	0.14924	0.25088
HSP90B1	ITDSVYVPEGR	Phospho(Y)	2142.51	71.57	202.255	39.68	25.54	32.41	404.47	3266.52	3655.495	0	2.31	11.55	-0.32711	1.497422	-3.80603
HSP90B1	GAFTVGLDGLTYVSCVGFQHK	Phospho(Y)	5188.22	9526.98	7357.6	4784.76	4366.62	5897.5	8294.84	6105.44	4545.07	4688.01	4615.4	-0.7522	-0.02829	0.47654	
HSP90B1	OPVSGYDKPHVLLDLDVDSQK	Phospho(Y)	0	85.7	44.285	700.52	725.275	271.24	185.15	228.156	1401.01	1552.478	1478.125	4.03368	-1.02717	2.695492	0.4246
HSP90B1	YSYVITVFLYK	Phospho(Y)	83.27	128.79	54.03	198.95	193.9	547.76	193.9	547.76	193.9	1387.43	1183.20	1290.9	1.29693	1.82934	0.94265
IT27	ASDGAHFQKSYLLTGLMDLVK	Phospho(Y)Phospho(ST)	91354.19	1467596	91355.1	197454	182040	1901967	1044428	901030.5	97272.94	1078583	1067552	1071868	0.675857	0.827365	1.040016
IT27	SGDGAHFQKSYLLTGLMDLVK	Phospho(Y)	95811.36	68854.25	82332.81	94588.34	96209.84	95309.09	76183.4	70256.49	93719.56	62626.72	62652.66	62688.79	0.211146	0.604406	-0.22403
IT27	SGDGAHFQKSYLLTGLMDLVK	Phospho(ST)	1452.91	15222.69	1515.9	1609.49	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62
IGF1R	DIVETDYRK	Phospho(Y)	1583.98	86.76	1232.37	10142.41	13158.36	11650.39	8963.77	8837.25	8600.51	6635.37	6330.58	6482.97	3.24087	0.84565	-0.45723
IGF1R	DIVETDYRK	Phospho(Y)Phospho(ST)	111.57	46.45	79.01	10489.05	12786.73	11637.89	17339.31	15480.49	18409.9	6034.02	4125.525	5226.75	7.020579	1.15541	-1.65117
INPPL1	LFVNSDKDEAGK	Phospho(Y)	45.58	99.65	77.585	1141.58	1161.49	1151.535	50.15	38.7	44.63	51.26	63.181	572.465	3.80209	1.00629	3.97328
INPPL1	RLVNSDKDEAGK	Phospho(Y)	1075.68	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29	1058.29
INPPL1	LFVNSDKDEAGK	Phospho(Y)	18635.14	4648.92	32493.03	82508.59	86023.18	84265.89	62508.41	54781.74	58645.08	41748.36	4258.85	47215.11	1.374818	0.8357	-0.31276
IGKAP1	LGQAPDQDLYK	Phospho(Y)	464.03	30.33	382.68	560.36	612.77	586.565	473.15	515.74	494.43	562.91	889.75	726.33	0.616152	-0.30833	0.554899
IGKAP1	FEELSNNYKMDQK	Phospho(Y)	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRS1_Y612	GGHRRPDSSTLDDGVMPPSGVAVPSGR	Phospho(Y)	92.39	73.34	82.865	21832.47	27538.35	24685.41	110.04	32.7	71.655	4531.03	2264.33	3379.23	8.21888	2.869315	5.59506
ITSN1	WDGTEYVYK	Phospho(Y)	843.54	1042.31	942.925	1517.81	1722.87	1620.34	2468.87	3786.57	3172.72	2218.63	1787.19485	666.08	1.01292	-0.29619	-0.86283
ITSN1	EEPEALYAVYK	Phospho(Y)	1507.22	1516.13	1511.875	7041.33	7638.71	7340.02	2584.84	2056.62	2170.73	2887.2	3100.02	2930.61	2.779636	1.23889	3.70358
ITSN1	LVLYPELVEK	Phospho(Y)	573.96	483.84	516	1111.23	1771.59	1357.44	1357.44	1357.44	1357.44	1357.44	1357.44	1357.44	1357.44	1357.44	1357.44
ITSN1	REPEALYAVYK	Phospho(Y)	5166.21	6375.17	5780.69	34326.47	37181.01	35734.4	107743	125338	116540.9	49301.76	50150.33	49726.05	2.62871	2.846021	-1.22876
KATNAL2	GLTYVPGPTGK	Phospho(Y)	1285.84	1263.07	1295.455	222.69	411.97	317.28	2521.66	3455.48	2988.97	366.87	571.45	469.16	-1.98893	-0.56432	-2.6713
KIAA1217	GLTYVADPLVHEGR	Phospho(Y)	1452.91	15222.69	1515.9	1609.49	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62	1635.62
KIAA1217	NYVYELNDR	Phospho(Y)	12440.06	13281.08	12865.07	23642.27	22194.53	22918.4	19700.15	17036.06	18358.11	12050.75	13947.26	12999.01	0.833047	0.818105	-0.4988
LAS1	RLPEQOQPHIPTSAPVYQOQPOQVQAQSYGKYKPEAFVPSQR	Phospho(Y)	1310.59	17245.83	15173.71	20450.77	16132.34	18291.56	19921.26	16948.91	18369.19	17984.22	16921.81	17453.02	0.269604	0.607701	-0.4988
LDHA	DVNLHLKEQTPQK	Phospho(Y)	5988.93	10236.19	8112.56	7706.51	8436.08	8071.295	1730.97	12188.49	12569.73	10881.79	11905.79	11393.79	-0.00736	-0.49738	-1.8579
LDHA	LDVNLKLLKQTPQK	Phospho(Y)	1444.84	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81	4107.81
LDGAL3	VDVNDHLLQYK	Phospho(Y)	2645.32	2374.84	2510.08	0	44.75	23.75	2								

SDC4	KAPTFEYFA	Phospho(Y)	1286.34	1141.75	1214.045	3793.69	3797.88	3795.785	4159.33	3271.56	3715.445	3635.48	2772.91	3204.195	1.644576	0.244436	-0.21357
SDCBP	LVPELSQYMLSLNEEER	Phospho(Y)	34.64	32.72	33.68	41.38	93.27	67.325	32.11	20.59	26.36	389.15	899.11	644.13	0.99925	-3.2814	4.811477
SDCBP	VQQTAFSAPNANPALLESASAPIPHDGNL YPR	Phospho(Y)	268.38	1730.65	993.515	600.31	428.68	464.485	331.64	261.13	295.385	3466.45	3421.16	3444.025	-1.10557	2.82626	0.339551
SEC16A	ANHSSHEQDYTGALDFLTLR	Phospho(Y)	632.33	455.26	543.795	1362.51	1410.57	1386.54	1486.06	1200.23	1343.145	2599.55	2919.55	2919.55	1.363054	-1.07426	1.210131
SEPT2	QOPTQFNPTFGYVGFANLQVHR	Phospho(Y)	4705.35	18359.68	11532.52	19972.88	16006.96	17989.92	12308.46	1137.27	1172.87	14080.81	14678.75	14379.78	0.641482	0.323147	0.294716
SEPT7	NLEQYVGFANLQVHR	Phospho(Y)	975.01	2915.34	1945.175	2814.3	1813.54	2313.32	2545.36	2063.36	2304.21	2498.8	2104.29	2301.545	0.520439	0.007736	-0.010167
SEPT7	LAATYVNGVNNK	Phospho(Y)	175.07	288.87	231.97	139.19	211.73	175.46	127.34	483.78	305.56	13.78	46.2	29.49	-0.4028	2.54869	-3.3469
SET	IDFYFDEPNVFEK	Phospho(Y)	576.22	1673.25	1074.735	1054.2	786.69	920.445	1606.98	1742.5	1674.74	901.24	1333.32	1117.28	-0.22358	-0.27959	-0.58395
SGK223	QEDAPVYLGSRF	Phospho(Y)	348.6	321.7	335.15	1033.81	716.6	875.205	246.31	411.2	338.755	530.71	543.01	536.86	1.384814	0.705075	0.707533
SGK223	LNLSHSETVHDESHFYSYLSQPNR	Phospho(Y)	4755.29	10230.43	7837.86	8494.29	9715.04	9104.65	9530.15	8313.82	8921.985	10496.92	7379.1	8938.01	0.272451	0.026262	0.022699
SHANK2	YSLDSELYSR	Phospho(Y)	654.59	406.95	530.77	736.56	785.35	760.955	2192.27	2103.08	2147.675	3865.32	3058.1	3461.71	0.519724	-2.1856	0.688709
SHANK2_Y989	RQGMENPYSVEVK	Phospho(Y)	107.79	105.46	106.825	9753.6	8805.06	9279.33	290.68	164.12	227.4	7062.99	5753.49	6408.24	0.443403	0.543092	4.816624
SHB	GEASGMENPYEAKR	Phospho(Y)	0	76.77	0	76.77	7290.6	6550.37	7055.485	0	24.61	187.29	20.01	108.65	7.524102	6.023029	3.46246
SHB	VTIADYVSDPFDK	Phospho(Y)	10472.37	12626.93	11649.95	33257.84	34803.65	34030.75	7110.87	9597.13	8354	5782.31	7265.37	6533.84	1.548615	3.38836	-3.45454
SHB	LDY36GSGEGVGQVGR	Phospho(Y)	14636.58	19976.34	17306.46	29817.28	31037.85	30327.57	1884.33	1569.99	1727.16	681.72	261.64	471.68	0.809319	0.006677	-1.87522
SHB	LPQDDRRPADEQDQVWEWNR	Phospho(Y)	2684.5	3081.88	2883.19	7191.2	8268.37	7729.785	1068.19	719.91	694.05	606.66	679.95	643.305	1.422762	3.588853	-0.47485
SHO1	ELFDQPSYVGNLNDK	Phospho(Y)	24059.81	34169.18	29114.5	67417.02	75200.29	71308.66	42180.81	44599.32	4330.07	46032.36	5994.97	53043.67	1.22934	0.428997	0.28916
SLC25A4	AAYFGVYDTAK	Phospho(Y)	645.96	872.53	759.245	419.22	573.87	496.545	2801.7	2390.26	2595.98	1285.51	1236.68	1261.095	-0.61264	-1.34468	-1.0416
SLC25A4	AAYFGVYDTAK	Phospho(Y)	715.7	799.84	757.77	899.37	1245.42	1072.395	1279.38	1259.32	1269.35	1408.48	1556.28	1482.38	0.501004	-0.46708	0.223825
SLMC3	LFHHYVSDSEVTK	Phospho(Y)	385.6	311.75	210.175	343.66	78.24	210.95	1071.44	1694.69	1383.065	876.39	129.27	502.83	0.00531	-1.25317	-1.45973
SRNF70	EFVYVYKPKR	Phospho(Y)	2827.28	2313.79	2570.535	4058.19	5513.35	4781.065	3446.18	3458.96	3452.82	6176.58	4574.7	5375.64	0.898279	-1.16629	0.63767
SDEF	LVYQVFIH	Phospho(Y)	118.47	158.17	138.32	108.28	145.97	127.125	947.96	875.11	911.535	715.04	589.29	652.165	-0.12176	-2.35899	-0.48306
SRCN1	AAGGDDPFLVDGQVGR	Phospho(Y)	0	0	1	49.66	185.96	117.76	79.84	57.79	68.815	669.28	689.26	679.27	6.879706	-2.52814	3.30319
SRCN1	EFLYAFRPGSHLTVGDLR	Phospho(Y)	6652.68	6133.2	6493.04	21314.74	23078.79	22196.77	13433.61	10070.91	11742.36	18847.64	25559.29	22033.47	1.773339	-0.00044	0.918075
SRCN1	QGLYALPDYQLHGEKR	Phospho(Y)	9946.07	12510	11228.04	18122.19	16469.55	17595.87	10231.09	10315.36	10273.23	11525.66	12933.87	12229.77	0.623222	0.50031	0.251508
SRF3	AFYGYLDR	Phospho(Y)	13.8	33.08	23.44	13.22	99.36	56.29	3255.93	3696.26	3476.095	2038.99	2314.84	2176.915	1.263906	-0.51829	0.16758
SRF3	AFYGYLDR	Phospho(Y)	52.7	59.89	56.295	284.85	315.46	300.155	2583.35	2419.25	2301.3	1423.4	2080.78	1752.099	2.414629	-2.5453	-0.5136
SSB	PHQEYDFDNLNLR	Phospho(Y)	26.65	0	1	1	1	1	479.19	24.83	282.01	29.63	1	14.815	-1.7806	-3.8899	-0.8935
STAT3	YCRPESDEHPADPAGAPYLK	Phospho(Y)	367.5	1149.06	758.28	2457.45	2174.205	919.67	740.42	830.045	3416.69	4387.04	3901.865	511.9685	-0.84368	-0.86709	0.857079
STAT3	YCRPESDEHPADPAGAPYLK	Phospho(Y)	1460.2	1442.72	1451.46	8036.11	6810.16	7423.135	2772.54	2497.64	2635.09	8658.62	11914.62	10286.62	2.354524	-0.47067	1.964845
STAT5B	YADVYVQDK	Phospho(Y)	2740.05	2654.7	2689.375	7057.16	9935.24	8486.21	2007.33	1616.93	1912.13	2994.66	1535.58	2285.12	1.652465	0.92533	0.244007
STIP1	LAYINPLALEK	Phospho(Y)	1639.79	1425.06	1532.425	1053.31	1079.76	1066.535	3670.04	3305.24	3487.69	791.92	1044.65	916.285	-0.25289	0.219063	-1.9284
STIP1	LDPHNHLVSNR	Phospho(ST)	742.63	638.95	690.79	580.46	246.53	413.495	3466.1	3765.34	3615.72	773.73	240.16	506.945	-0.74038	-0.29396	-2.83438
STIP1	DFGNVYDFVYVQVPR	Phospho(Y)	67.56	0	33.78	44.88	52.91	48.895	91.33	213.24	152.295	676.56	441.77	559.165	0.533518	-3.51552	1.8765
SWK	QESTYSNRYEDELAPIWAAKDGQR	Phospho(Y)	1819.23	3655.08	237.605	3214.67	2739.9	2072.785	2218.62	1983.25	2068.435	3512.1	4071.65	3841.875	0.118001	-0.37	0.879388
TACSTD2	AAGDVGDDAAYFER	Phospho(Y)	857.93	953.8	905.865	898.15	1286.22	1092.185	1259.85	1860.52	1560.185	448.83	780.82	614.825	0.269849	0.82897	-1.34347
TENC1	GPLDQSPYVQVSRPFR	Phospho(Y)	23429.86	26218.83	24824.35	35446.96	50947.53	43197.25	9403.18	9587.69	9496.435	14324.96	15265.73	17495.35	0.799184	1.545796	0.389552
TFR	SAFNLSGGELYSR	Phospho(Y)	7983.91	16783.4	12338.66	20104.22	20335.48	20219.85	30048.62	27584.29	28916.46	5474.46	42370.38	38422.72	0.712587	-0.92619	0.415067
TFR	VSASPLLYLTK	Phospho(Y)	372.7	949.04	661.32	613.76	618.55	616.055	2956.95	3198.32	3027.635	1410.79	932.1	1171.445	-0.10229	-0.92716	-1.3699
TJP2	HPDFAVPIK	Phospho(Y)	6325.21	7649.28	6987.245	29794.66	29540.12	29649.39	21168.06	23960.57	22564.32	10200.43	8932.03	11565.23	-0.208207	-0.25219	-1.6399
TJP2	IBAQHFDYVAVPK	Phospho(Y)	2147.77	1647.44	1897.605	159.66	231.66	195.66	5638.39	5929.14	5783.765	931.64	874.17	902.95	-3.27776	-2.20623	-2.79396
TKT	NMAIQGERSYSGDK	Phospho(Y)	8.15	10.24	9.105	629.65	691.71	696.68	171.33	52.54	113.95	1707.6	1143.52	1425.56	0.017544	-1.28982	0.670798
TLN1	ALDYMLR	Phospho(Y)	625.28	792.2	708.74	1083.05	1164.66	1123.855	1552.39	1602.99	1577.69	4094.7	6346.26	5200.48	0.665128	-2.21573	1.726369
TLN1	AVSSAJQJLEHVAQGNENYAGIAAR	Phospho(Y)	258.41	1711.41	984.91	2110.55	3141.92	2626.235	1859.6	2151.85	2006.725	1420.79	1303.72	1382.255	1.414932	0.946999	-0.58183
TLN2	AVSSAJQJLTLCAQGNENYHGVAAAR	Phospho(Y)	0	185.51	92.755	1674.21	1718.87	1696.54	35.01	0	17.505	828.03	640.47	734.25	4.193027	1.206252	5.380432
TLN2	EDYSYDGNR	Phospho(Y)	1768.7	2376.22	2072.46	3055.5	3892.69	3472.065	946.46	658.86	802.66	918.91	924.12	921.515	0.744462	1.913727	0.198219
TM6SF1	ALYQMDMK	Phospho(Y)	50.82	63.05	56.935	1463.58	1318.4	1318.4	32.35	95.06	63.705	98.62	13.99	56.305	4.533329	-0.17814	-0.17814
TKN2	ALPQNDHYVMGEHR	Phospho(Y)	336.02	231.45	283.735	58316.22	54862.89	56589.56	639.18	564.34	670.76	23483.05	14645.83	19064.44	1.639848	1.589652	4.395552
TKN2	KPTYDFVSDQDPLSDQFK	Phospho(Y)	18051.27	22862.09	20207.13	54252.59	51946.41	53099.5	46934.06	54585.76	50759.91	49915.99	52395.46	51155.73	1.393834	0.053803	0.011206
TKN2	KVSSHTYLLRPERVYLR	Phospho(Y)	11838.38	13712.09	12775.24	25806.73	29049.58	27328.16	29620.92	30615.09	3011.01	24391.01	22846.22	23618.62	1.097038	0.210464	-0.3507
TNS1	HVAYGGVYTPEDR	Phospho(Y)	2969.77	3342.98	3156.375	12591.7	7548.37	10070.04	4687.49	3735.99	4218.74	21270.67	15018.9	18144.79	1.673728	-0.84849	2.107067
TNS1	HPVYVYVSGLHKK	Phospho(Y)	8152.87	11037.04	9594.395	19413.75	23584.06	21489.91	14572.04	13755.74	14163.89	28261.03	15843.53	22062.28	1.163915	-0.03732	0.636364
TNS3	LSLQGVYDNGQLLFFSK	Phospho(Y)	20592.37	23794.46	22186.42	27014.82	27935.92	27160.37	11944.15	11047.03	11495.69	3856.69	4573.27	4244.43	0.291697	2.881263	-