

Table 3.

List of top 20 proteins with the largest number of identified phosphorylation sites

	RefSeq accession	Gene symbol	Protein name	Total number of sites identified (this study)	Novel sites
1	NP_057417.2	SRRM2	SRm300 (serine/arginine repetitive matrix 2)	119	71
2	NP_055554.1	BCLAF1	Bcl2-associated transcription factor 1	35	28
3	NP_005830.2	SRRM1	SRm160 (serine/arginine repetitive matrix 1)	25	22
4	NP_055792.1	ACIN1	Apoptotic chromatin condensation inducer 1	24	20
5	NP_002366.2	MAP4	Microtubule-associated protein 4	21	18
6	NP_001008656.1	TCOF1	Treacher Collins-Franceschetti syndrome 1	16	14
7	NP_001001520.1	HDGF2	Hepatoma-derived growth factor-related protein 2	15	15
8	NP_005373.1	NEF3	Neurofilament 3	14	10
9	NP_003371.2	VIM	Vimentin	13	8
10	NP_002678.2	PNN	Pinin, desmosome associated protein	13	11
11	NP_002408.2	MKI67	Antigen Ki-67	13	6
12	NP_003600.2	HIRIP3	HIRA interacting protein 3	12	7
13	NP_005617.2	SFRS4	SRm75 (splicing factor, arginine/serine-rich 4)	12	12
14	NP_003267.1	TMPO	Thymopoietin	11	9
15	NP_001015877.1	PHF6	PHD finger protein 6	10	10
16	NP_057572.5	PPHLN1	Periphilin 1	10	10
17	NP_005110.1	THRAP3	Thyroid hormone receptor associated protein 3	10	7
18	NP_004629.2	BAT2	HLA-B associated transcript 2	10	10
19	NP_075385.1	MARCKS L1	MARCKS-like 1	9	5
20	NP_005648.1	TP53BP1	Tumor protein p53 binding protein, 1	9	7