

S10 Table. CUL1-associating proteins identified by mass spectrometry

Protein	Protein description	Molecular weight (kDa)	MASCOT scores
CUL1	Cullin 1	90	1636
SKP1	S-Phase kinase associated protein 1	19	1611
RBX1	Ring-box 1	12	1587
FBXL1	F-Box/LRR-repeat protein 1	48	1532
DCAF12	DDB1 and CUL4 associated factor 12	51	1467
NF2	Neurofibromin 2	70	1435
BAG3	BAG cochaperone 3	62	1412
COPS5	COP9 signalosome subunit 5	38	1389
GPS1	G protein pathway suppressor 1	56	1346
UBR5	Ubiquitin protein ligase E3 component N-Recognin 5	309	1324
AMBRA1	Autophagy and beclin 1 regulator 1	143	1294
PARP1	Poly(ADP-ribose) polymerase 1	113	1223
CHEK1	Checkpoint kinase 1	54	1190
COPS6	COP9 signalosome subunit 6	36	1156
CDKN1B	Cyclin dependent kinase inhibitor 1B	22	1091
UBXN1	UBX domain protein 1	33	1056
USP7	Ubiquitin specific peptidase 7	128	954
RPA3	Replication protein A3	14	932
SYT7	Synaptotagmin 7	46	912
CUX1	Cut like homeobox 1	77	865
RFC1	Replication factor C subunit 1	128	844
RFC2	Replication factor C subunit 1	39	786
CDKN2A	Cyclin dependent kinase inhibitor 2A	14	721
PRKDC	Protein kinase, DNA-activated, catalytic subunit	469	676
CRY1	Cryptochrome circadian regulator 1	66	643
USP1	Ubiquitin specific peptidase 1	88	612
MEN1	Menin 1	68	605
XRCC1	X-ray repair cross complementing 1	69	587

LRWD1	Leucine rich repeats and WD repeat Domain containing 1	71	557
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