

S12 Table. FBXL1-associating proteins identified by mass spectrometry

Protein	Protein description	Molecular weight (kDa)	MASCOT score
FBXL1	F-box/LRR-repeat protein 1	48	1923
SKP1	S-phase kinase associated protein 1	19	1885
CUL1	Cullin 1	90	1825
GAS1	Growth arrest specific 1	36	
RBX1	Ring-box 1	12	1783
COPS5	COP9 signalosome subunit 5	38	1711
RBX1	Ring-box 1	12	1687
KIF24	Kinesin family member 24	152	1643
UBAP1	Ubiquitin associated protein 1	55	1556
PRSS3	Serine protease 3	33	1513
NOL6	Nucleolar protein 6	128	1487
MEN1	Menin 1	68	1462
NFX1	Nuclear transcription factor, X-Box binding 1	124	1444
LRWD1	Leucine rich repeats and WD repeat domain containing 1	71	1412
RFC1	Replication factor C subunit 1	128	1393
CHEK1	Checkpoint kinase 1	54	1327
XRCC1	X-ray repair cross complementing 1	69	1266
DPF2	Double PHD fingers 2	44	1233
RFC2	Replication factor C subunit 1	39	1165
CUX1	Cut like homeobox 1	77	1104
USP7	Ubiquitin specific peptidase 7	128	1076
RPA3	Replication protein A3	14	1055
ATP4A	ATPase H ⁺ /K ⁺ transporting subunit alpha	114	1011
PLCB3	Phospholipase C beta 3	139	967
TIAM1	TIAM Rac1 associated GEF 1	178	932
MMP2	Matrix metallopeptidase 2	74	909
MMP9	Matrix metallopeptidase 9	78	876

BRMS1	BRMS1 transcriptional repressor and anoikis regulator	28	834
SYT7	Synaptotagmin 7	46	794
SSTR2	Somatostatin receptor 2	41	776
CCND1	Cyclin D1	34	712
RFC2	Replication factor C subunit 1	39	695
ETV4	ETS variant transcription factor 4	54	675
PTGS2	Prostaglandin-endoperoxide synthase 2	69	643
CRY1	Cryptochrome circadian regulator 1	66	632
SPP1	Secreted phosphoprotein 1	35	605
PTP4A3	Protein tyrosine phosphatase 4A3	20	587
NUDT6	Nudix hydrolase 6	36	567
CHGB	Chromogranin B	78	554
DRD2	Dopamine receptor D2	51	532
ZFPL1	Zinc finger protein like 1	34	511
SCG2	Secretogranin II	71	492
SDHAF2	Succinate dehydrogenase complex assembly factor 2	20	477
PCNX3	Pecanex 3	222	462
FBXL1, F-box/LRR-repeat protein 1.			