



Table S1: Top 30 interacted partners of ZFP91 identified by HitPredict.

Interactor Name	Experiments	Category	Method Score	Annotation Score	Interaction Score	Confidence
CRBN	3	Small-scale	0.71	1	0.84	High
M3K14	1	Small-scale	0.56	1	0.747	High
PRDM5	1	High-throughput	0.48	1	0.691	High
SRPK2	1	High-throughput	0.42	1	0.647	High
ZFP41	1	High-throughput	0.39	1	0.621	High
ZN526	1	High-throughput	0.39	1	0.621	High
FBRL	2	High-throughput	0.62	0.6	0.611	High
FOXA1	2	Small-scale	0.57	0.6	0.584	High
ESR1	2	High-throughput	0.54	0.6	0.571	High
KAP0	2	High-throughput	0.54	0.6	0.571	High
KI67	1	High-throughput	0.48	0.6	0.536	High
CTR9	1	High-throughput	0.48	0.6	0.536	High
BHA15	1	High-throughput	0.48	0.6	0.536	High
TSYL5	1	High-throughput	0.48	0.6	0.536	High
CHC10	1	High-throughput	0.48	0.6	0.536	High
AKIP	1	High-throughput	0.48	0.55	0.513	High
CLC3A	1	High-throughput	0.48	0.5	0.489	High
TRM7	1	High-throughput	0.48	0.5	0.489	High
PO6F2	1	High-throughput	0.39	0.6	0.481	High
ASPP2	1	High-throughput	0.39	0.6	0.481	High
FAM9A	1	High-throughput	0.39	0.6	0.481	High
TSYL2	1	High-throughput	0.39	0.6	0.481	High
PICK1	1	High-throughput	0.39	0.6	0.481	High
BRD4	1	High-throughput	0.38	0.6	0.479	High
RECQ4	1	High-throughput	0.38	0.6	0.479	High
FOS	1	High-throughput	0.38	0.6	0.479	High
P53	1	High-throughput	0.38	0.6	0.479	High
H2A1B	1	High-throughput	0.38	0.6	0.479	High
APC	1	Small-scale	0.38	0.6	0.479	High
BRD2	1	High-throughput	0.38	0.6	0.479	High

Table S2: Top 30 interacted partners of RIP1 by identified HitPredict.

Interactor Name	Experiments	Category	Method Score	Annotation Score	Interaction Score	Confidence
TNR1A	43	Small-scale	0.99	1	0.994	High
FADD	25	Small-scale	0.98	1	0.989	High
RIPK3	19	Small-scale	0.98	1	0.989	High
BIRC2	10	Small-scale	0.96	1	0.981	High
RIPK1	9	Small-scale	0.95	1	0.975	High
TRADD	7	Small-scale	0.93	1	0.964	High
BIRC3	5	Small-scale	0.88	1	0.938	High
M3K7	4	Small-scale	0.76	1	0.873	High
TCAM1	4	Small-scale	0.76	1	0.873	High
TR10B	3	Small-scale	0.68	1	0.827	High
XIAP	2	Small-scale	0.62	1	0.785	High
CRADD	2	Small-scale	0.6	1	0.778	High
CASP8	37	Small-scale	0.99	0.6	0.77	High
NEMO	25	Small-scale	0.98	0.6	0.767	High
TRAF2	23	Small-scale	0.98	0.6	0.767	High
TNFA	24	Small-scale	0.98	0.6	0.765	High
PIDD1	2	Small-scale	0.57	1	0.754	High
TNAP3	7	Small-scale	0.93	0.6	0.746	High
CSK21	2	High-throughput	0.54	1	0.737	High
CSK23	2	High-throughput	0.54	1	0.737	High
KC1A	1	Small-scale	0.54	1	0.733	High
TRAF1	5	Small-scale	0.87	0.6	0.722	High
CFLAR	5	Small-scale	0.84	0.6	0.709	High
MRCKB	1	High-throughput	0.49	1	0.698	High
OPTN	4	Small-scale	0.8	0.6	0.692	High
CYLD	4	Small-scale	0.76	0.6	0.676	High
TAB2	4	Small-scale	0.76	0.6	0.676	High
LRRK2	1	Small-scale	0.44	1	0.665	High
ASC	1	High-throughput	0.44	1	0.665	High
TRAF3	3	Small-scale	0.73	0.6	0.664	High