

Supplementary Table 10. Reactome pathway results for protein-protein interaction module 1

Reactome pathway	p-value	Genes
Deubiquitination	7.57E-07	<i>USP7, ZRANB1, UBB, STAMBPL1, PSMC1, RAD23A</i>
Degradation of beta-catenin by the destruction complex	0.001544214	<i>ZRANB1, UBB, PSMC1</i>
Post-translational protein modification	0.001556859	<i>USP7, ZRANB1, UBB, STAMBPL1, PSMC1, RAD23A</i>
Nucleotide excision repair	0.002742056	<i>USP7, UBB, RAD23A</i>
PTEN regulation	0.004324011	<i>USP7, UBB, PSMC1</i>
Metabolism of proteins	0.006491553	<i>USP7, ZRANB1, UBB, STAMBPL1, PSMC1, RAD23A</i>
Regulation of PTEN localization	0.006560939	<i>USP7, UBB</i>
Josephin domain DUBs	0.008739533	<i>UBB, RAD23A</i>