Supplementary Tables 2 Annotation information and expression changes of predicted target genes with the overexpression of *BZRAP1-AS1* (Mouse tumor tissue sequencing data).

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| --- | --- | --- | --- | --- |
| Gene | KEGG Pathway/GO annotation | adj.*P.*Val | FC | Regulation |
| RPS6KA6 | mTOR signaling pathway  | 1.5579E-08 | -5.612  | down |
| LUM | Proteoglycans in cancer  | 9.4147E-07 | -3.493  | down |
| TWIST1 | Proteoglycans in cancer  | 1.9377E-06 | -5.455  | down |
| PRKACB | Wnt signaling pathway, Proteoglycans in cancer  | 4.1234E-05 | -2.733  | down |
| TWIST2 | Proteoglycans in cancer  | 1.8585E-04 | -3.256  | down |
| PPM1A | MAPK signaling pathway  | 2.3350E-09 | 2.070  | up |
| FGF14 | MAPK signaling pathway  | 1.4308E-05 | 2.747  | up |
| CNTN1 | CAMs | 1.0246E-04 | 3.691  | up |
| L1CAM | CAMs | 1.4256E-04 | 4.906  | up |
| VDR | negative regulation of cell proliferation | 1.4316E-04 | 2.383  | up |
| DPYSL3 | negative regulation of cell migration | 6.77E-03 | 2.072 | up |
| ARHGAP4 | negative regulation of cell migration | 1.57E-02 | 3.152 | up |