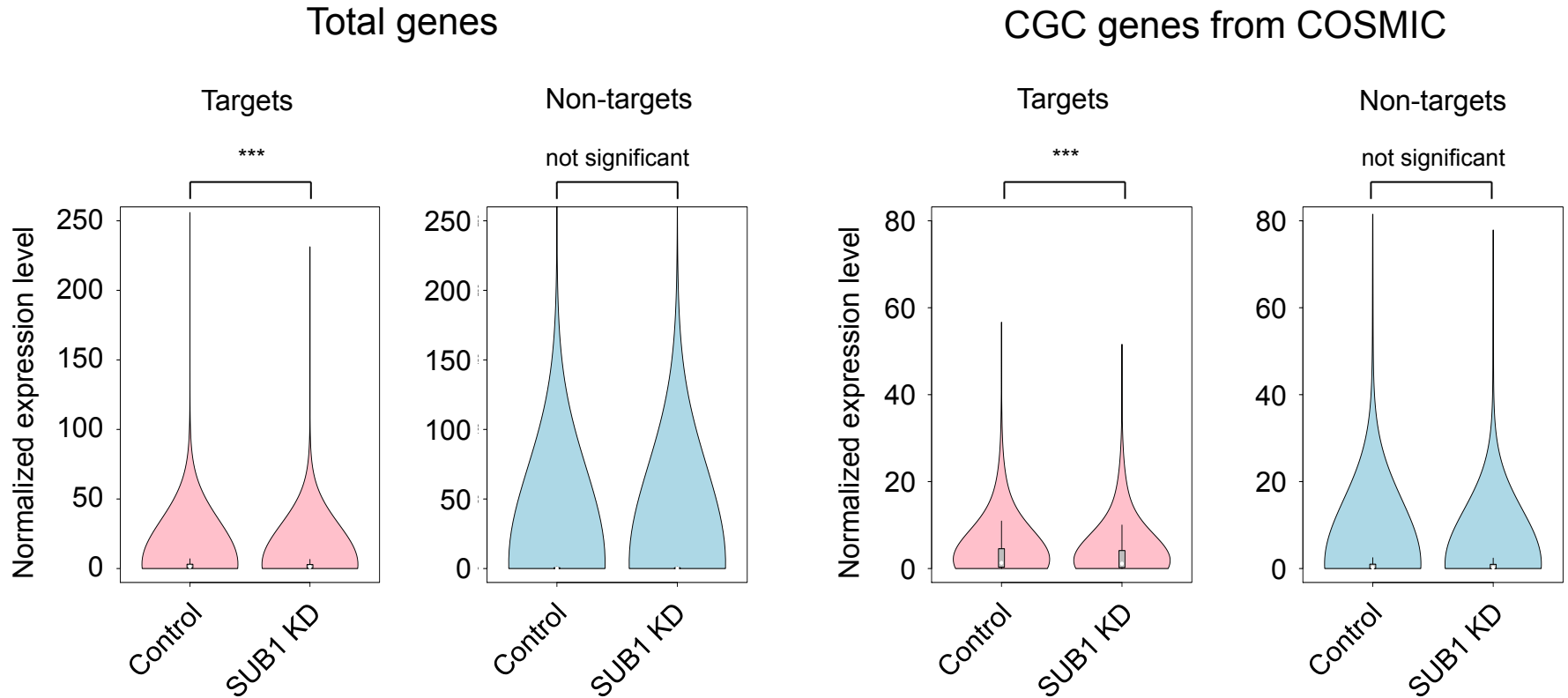
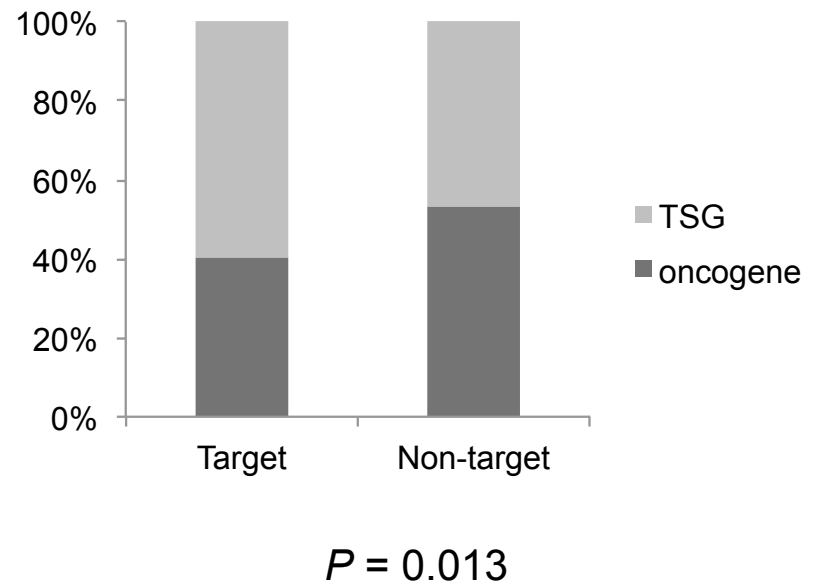
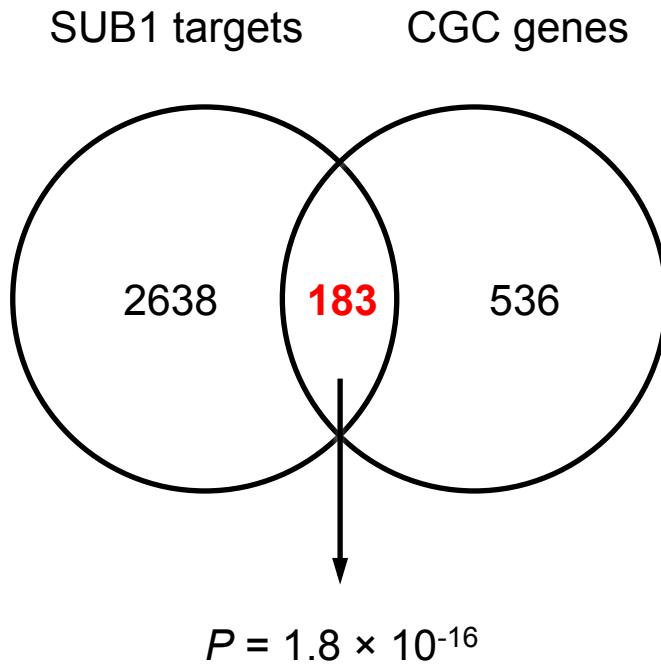


SUB1 KD will decrease the expression level of the 3' UTRs of its target genes



Cancer genes targeted by SUB1



IGV Examples

Gene	Role	Functions	PMID	Expression profiles of the 3' UTR
BRCA1	TSG	The gene is involved in maintaining genomic stability	12677558, 17416853, 23620175, 16551709	<p>1,866 bp</p> <p>Control 1 Control 2 SUB1 KD 1 SUB1 KD 2</p> <p>SUB1 binding site</p> <p>BRCA1</p>
POLE	TSG	The gene is involved in DNA repair and replication	26133394, 28423643	<p>1,538 bp</p> <p>Control 1 Control 2 SUB1 KD 1 SUB1 KD 2</p> <p>SUB1 binding site</p> <p>POLE</p>
FEN1	TSG	The gene is involved in DNA repair and replication	20929870, 22586102	<p>2,344 bp</p> <p>Control 1 Control 2 SUB1 KD 1 SUB1 KD 2</p> <p>SUB1 binding sites</p> <p>FEN1</p>