	HEK293T + WT *PBX1a* plasmid	HEK293T + mutant *PBX1a* plasmid	Clone KD2 + WT *PBX1a* plasmid	Clone KD2 + mutant *PBX1a* plasmid
HEK293T + WT *PBX1a* plasmid		23 DEGs (DNA repair, telomeres maintenance, oocyte differentiation) 44 DASE	2118 DEGs (transcription regulation, extracellular matrix organization, primary cilium proteins, signal transduction pathways) 461 DASE	Not comparable
HEK293T + mutant *PBX1a* plasmid	23 DEGs (DNA repair, telomeres maintenance, oocyte differentiation) 44 DASE		Not comparable	1985 DEGs (transcription regulation, signal transduction pathways)
Clone KD2 + WT *PBX1a* plasmid	2118 DEGs (transcription regulation, extracellular matrix organization, primary cilium proteins, signal transduction pathways) 461 DASE	Not comparable		9 DEGs (dopamine and steroid metabolism and cytokine production) 18 DASE
Clone KD2 + mutant *PBX1a* plasmid	Not comparable	1985 DEGs (transcription regulation, signal transduction pathways)	10 DEGs (dopamine and steroid metabolism and cytokine production) 18 DASE	

Supplementary Table S2 – Summary of RNA-seq results in WT PBX1a- and mutant PBX1a-transfected cells.
DEG: differentially expressed gene, DASE: differential alternative splicing events.