

S3_Table. Nested PCR primer sequences for preparing Sanger sequencing samples

Gene	Gene ID	Target sgRNAs	Primers' name	Sequence (5' – 3')
<i>SMAD4</i>	540248	S-gRNA	S-g1-1	FP: TCTAACAATTTTCCTTGCAAC RP: CCTGTATTGATAATATCTGTGCT
			S-g1-2	FP: TCCGAAAGATCAAAATTGCT RP: ACAGTATCTAAAGAGACGGAG
<i>TEAD4</i>	526771	T-gRNA	T-g1-1	FP: CTGAGAGGGTGCTGTGTCTC RP: AACGTCCAGTCCCAGAGAGT
			T-g1-2	FP: GGACCGCACTTCTGTTTAGC RP: TGGGGCTTACAGGGTTACAG
<i>CDX2</i>	618679	C-gRNA CDX2-sgRNA1 CDX2-sgRNA2 CDX2-sgRNA3	C-g-1	FP: ATGGTGAGGTTGCGCCGTC RP: GCTTTACACTGAACGCGGCT
			C-g-2	FP: TACGTGAGCTACCTCCTGGAC RP: CCCCCTATCCCCTACTCA
<i>OCT4</i>	282316	OCT4-sgRNA1 OCT4-sgRNA2	OCT4-g-1	FP: GCCAGAGGTCAAGGCTAGTG RP: CTCACCTGCGGTTCTCTCTT
			OCT4-g-2	FP: CGGGACACCTCGTTCTGAC RP: CTTCGCCTGCTCCCTTCCTG
<i>SOX2</i>	784383	SOX2-sgRNA1 SOX2-sgRNA2 SOX2-sgRNA3	SOX2-g-1	FP: CCCCCAAATTATTCTTCGCCTG RP: CTTTGAAAATGTCTCCCCCG
			SOX2-g-2	FP: GCCCGCATGTACAACATGATGG RP: GGGCAGTGTGCCGTTAATGG