

**Supplementary Table 3.** Single guide RNA (sgRNA) sequence list

Name	Sequence	Score
SOX9-sgRNA#1	AACTTTACCAGTTTCAGTCCAGG	72.7
SOX9-sgRNA#4	CCGACTCGCCTTCCCCGGGTTA	80.5
SOX9-sgRNA#5	CCCAGCGCCTCTGCTAAGTGCCC	70.3