

**Table S1. Primer sequences for qPCR**

Species	Primer Name	Forward	Reverse
Mouse	WNT3A	AACTGCACCACCGTCAGCAACA	AGCGTGTCAGTGCAGAAAGCTA
	AXIN2	ATGGAGTCCCTCCTTACCGCAT	GTTCCACAGGCGTCATCTCCTT
	LEF1	ACTGTCAGGCGACACTTCCATG	GTGCTCCTGTTTGACCTGAGGT
	SFRP1	CAATACCACGGAAGCCTCTAAGC	GCAAACCTCGCTTGCACAGAGATG
	$\beta$ -actin	GGCTGTATTCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
Rat	SOX2	GCACATGAACGGCTGGAGCAACG	TGCTGCGAGTAGGACATGCTGTAGG
	$\beta$ -actin	TTCTTGCACTCCTCCGTCG	AGTCCTTCTGACCCATAACCA
	Mir22-5p	ACACTCCAGCTGGGag ttcttcagtgc	TGGTGTCGTGGAGTCG
	Mir22-3p	ACACTCCAGCTGGGaagc tgccagttga a	TGGTGTCGTGGAGTCG
	U6	CTCGCTTCGGCAGCACA	AACGCTTCACGAATTTGCGT
	Mir22-5pRT	CTCAACTGGTGTCGTGGAGTCGGCAATTCAGTTGAGTAAAGCTT	
	Mir22-3pRT	CTCAACTGGTGTCGTGGAGTCGGCAATTCAGTTGAGACAGTTC	