

**Table S1. Probes and primers used for in situ hybridization, EMSA and PCR analysis**

Gene		Forward	Reverse
<i>Mesogenin 1</i>	RT-PCR	TGGACAACCTGGGTGAGACC	TGTGGCCTGGGCTCTCTCCC
<i>Wnt3a</i>	ChIP	GAGAAGCTGGAGCACATCCAACTTGTACC	CCCTGGATCTCAAGCTCCAAGCACC
<i>T</i>	ChIP	CCGCGGGGCAAAGTCGCAGGCGCC	CCTCCCGCCACCCTCTCCA
<i>Cyp26a1</i>	ChIP	GGCTTGGCGGTATTACTACAGTGGAG	CTTTAACCGTTTGTTCGCGCCG
<i>Cyp26a1</i>	ChIP	GCCGGTGCCAGAAATCGGTTCTCATTC	CCTTGGCTCGCCTGTATCTTGG
EMSA		WT	Mutant
<i>Wnt3a</i>		ATGCATGAGTTTATGGAGAGAG	ATGCATGAGCCCGGGGAGAGAG
<i>T</i>		CGGCTGTATTTATGGGGAGG	CGGCTGCCCGGGTGGGGAGG
<i>Cyp26a1</i>		TGAGGTCATTTTATGACACCCCC	TGAGGTCACCCGGGGACACCCCC
Semi-quantitative RT-PCR		Forward	Reverse
<i>Wnt3a</i>		CCCGGGAGTCAGCCTTTGTCC	GACCAGGTCGCGTTCTGTCCG
<i>T</i>		CTGTCCATGCTGCAGTCCCATG	CAAGAGCCTGCCACTTTGAGCC
<i>Cyp26a1</i>		GAATCCTCCGTTCCAGGAGGG	CCACGGGACTGTAGTAGAGACAC