

**Supplemental Table 1. The primer sequences for qRT-PCR assay**

Gene name	Number	Primer
AFP	F	CTTTGGGCTGCTCGCTATGA
	R	GCATGTTGATTTAACAAGCTGCT
ATP6V0D2	F	TCTCACCTATATGACGTGCAGT
	R	GGTGGCACTTCCCCAGAATTT
COL22A1	F	CCTAGCGTTCGTGTAGAAGGA
	R	CCCATCCGTACATAGGAACTCT
EN2	F	CCGGCGTGGGTCTACTGTA
	R	CCTCTTTGTTCTGGGTTCTTCTT
EYA1	F	CACCACAGATTTACCCTTCCAAC
	R	GTACGTGGCATAGGCTGTAGC
HOXA13	F	CTGCCCTATGGCTACTTCGG
	R	CCGGCGGTATCCATGTACT
IGF2BP3	F	TATATCGGAAACCTCAGCGAGA
	R	GGACCGAGTGCTCAACTTCT
IGSF9	F	GAAGCCTGAGGTGGTATCGG
	R	CAGCCACTCGATGACATGC
ITGAD	F	TCGGTGGATCTCGACTCGT
	R	GCAGGAACCCTTTGAGTATGAG
KCNJ1	F	ATGACCCTCTACCGGGAGAC
	R	TGATGCCGCCTACGTTGATG
MT1X	F	TCCTGCAAGAAGAGCTGCTG
	R	TGTCTGACGTCCCTTTGCAG
PGAM2	F	AGAAGCACCCCTACTACAACCTC
	R	TCTGGGGAACAATCTCCTCGT
RZR2	F	ACAACAGAAGCTATGCTTGGC
	R	GAGGAGTGTTTCGATGACCACC
SLC22A2	F	AGACAGTGTAGGCGCTACGA
	R	CATCGTCACCGAGTTTAACCTG
STRA6	F	CCACAGAGGACTACTCCTATGG
	R	CAGCACAAGGATTGACAGCG
STXBP6	F	TTCTTGGCAACTGGAGGTCAA
	R	TCGATACCATTAACCTGGCGAA
ZIC2	F	GCGCAACTCCACAACCAGTA
	R	TGCCGCATATAGCGGAAAAAG
$\beta$ -actin	F	CATGTACGTTGCTATCCAGGC
	R	CTCCTTAATGTCACGCACGAT