

## Supplementary Table S1. Primers Used for Cloning and Quantitative RT-PCR

### Cloning primers

Gene	Forward Primer	Reverse Primer
<i>miR-1</i>	ATCGGAATTCAGCTAATCTCCGCACTG GATCC	ATCGGAATTCAGAGTATGGAAGTCATCCTCCTGGA
<i>GJA1</i>	ATCGGAGCTCTGTATGTGAATGAGCG GGTGGT	ATCGTCTAGAGCAATGAAGCTGAACATGACCGTAG
<i>FRS2-wt</i>	ATCGGAGCTCCACCAGTGTGCCACAT TTGCATTAG	ATCGTCTAGAACAAGGGTGGGAAGGGATAGA
<i>FRS2-mt</i>	TTATAACAATGCATATTTCTCTAATAA AAAGACATAAGTGATACTG	GAGAAATATGCATTGTTTATAAAAAGAAATTAACCATGGGG
<i>FZD7-wt</i>	ATCGGAGCTCCTGTGGAAAGGCATAA CTGTGACGAA	ATCGTCTAGACAACCCAACACACAGAGACA
<i>FZD7-mt</i>	TTGAGATAAACAATGCTTTTTAAGGAA AAGTGAAGAGCA	TAAAAGCATTGTTTATCTCAACCAAAATTAACAACC AACG

### q-RT-PCR primers

Gene	Forward Primer	Reverse Primer
<i>miR-1</i>	TGGAATGTAAAGAAGTATGTAT	
<i>miR-1-2*</i>	ACATACTTCTTTATGTACCCATA	
<i>AFP</i>	CCC GAA CTT TCC AAG CCA TA	TAC ATG GGC CAC ATC CAG G
<i>CTNT</i>	AAA GCC CAG GTC GTT CAT GCC C	CAT TCC GGA TGC GCT GCT GC
<i>FOXA2</i>	GCA TTC CCA ATC TTG ACA CGG TGA	GCC CTT GCA GCC AGA ATA CAC ATT
<i>FRS2</i>	GAG CAG TGG TAT AGG TGT GCA GTT TC	TGT TCT GCC TTG ACT GGC TGT TTC
<i>FZD7</i>	TGT CTC TGT GTG GTT GGG TTG G	GGA GGG TAG TGT CAA AGG TGG GAT AAA G
<i>GAPDH</i>	AGCCACATCGCTCAGACAC	GCCCAATACGACCAATCC
<i>GATA4</i>	GGAAGCCCAAGAACCTGAAT	GTTGCTGGAGTTGCTGGAA
<i>ISL1</i>	TTG TAC GGG ATC AAA TGC GCC AAG	AGG CCA CAC AGC GGA AAC A
<i>MESPI</i>	GATGGAGCCAAGCCAC	TCAGTTGTCCCTTGTCACCTG
<i>MYH6</i>	GGG ATA ACC AGG GGA AGC ACC AAG A	TGC CTC CCT CCC GGG ACA AAA T
<i>MYH7</i>	TTG AGT AGC CCA GGC ACA GCC AT	TGC CAC CCT CTC GAG ACA CGA T
<i>NANOG</i>	TGA ACC TCA GCT ACA AAC AGG TG	AAC TGC ATG CAG GAC TGC AGA G
<i>NKX2.5</i>	ACC TCA ACA GCT CCC TGA CTC T	ATA ATC GCC GCC ACA AAC TCT CC
<i>OCT4</i>	AAC CTG GAG TTT GTG CCA GGG TTT	TGA ACT TCA CCT TCC CTC CAA CCA
<i>PAX6</i>	TCG AAG GGC CAA ATG GAG AAG AGA AG	GGT GGG TTG TGG AAT TGG TTG GTA GA
<i>SOX1</i>	CCT GTG TGT ACC CTG GAG TTT CTG T	TGC ACG AAG CAC CTG CAA TAA GAT G
<i>SOX2</i>	CGC CCC CAG CAG ACT TCA CA	CTC CTC TTT TGC ACC CCT CCC ATT T
<i>SOX17</i>	AGG AAA TCC TCA GAC TCC TGG GTT	CCC AAA CTG TTC AAG TGG CAG ACA

*T*

CAG TGG CAG TCT CAG GTT AAG AAG GA

CGC TAC TGC AGG TGT GAG CAA