

Table S1. Reverse transcription reaction system and procedure.

	Reagent Name	Use Level
Step 1 ¹	4 × gDNA wiper Mix	4 µL
	Template RNA	1 µg
	RNase-free ddH ₂ O	to 16 µL
Step 2 ²	Step 1 reaction liquid	16 µL
	5 × HiScript III qRT SuperMix	4 µL

¹ Reaction at 42°C for 2 min. ² 37°C for 15 min, 85°C for 5 s, 4°C forever.

Table S2. Primers used for expression analysis.

Primer Name	Forward Primer (5'-3')	Reverse Primer (5'-3')	Annealing Temperature (°C)	Product Length (bp)
<i>chTERT</i>	CAAGGCTCCGGTTCATTCCT	TCCCGAATACTGAAGAGCCA	60	201
<i>MyoD1</i>	GCTACTACACGGAATCACCAAAT	CTGGGCTCCACTGTCACTCA	60	200
<i>MyoG</i>	CGGAGGCTGAAGAAGGTGAA	CGGTCCTCTGCCTGGTCAT	60	320
<i>Desmin</i>	GCCAGCGAAGGAATGAGC	CGTCCGATTGGATAGACAGAAC	60	138
<i>MKI67</i>	ATTCGCATCCACTTGCCTCA	TGCTGAACATGAAGAACCTGC	60	269
<i>c-myc</i>	GCCAGCGAAGGAATGAGC	CGTCCGATTGGATAGACAGAAC	60	138
<i>CDKN1A</i>	GCAGCAAAGCGTGCAGGAA	GCGTCTCGGTCTCGAAGTTGA	60	132
<i>MyHC</i>	CTCCTCACGCTTTGGTAA	TGATAGTCGTATGGGTTGGT	60	213
<i>Mymk</i>	TGGGTGTCCCTGATGGC	CCCGATGGGTCCTGAGTAG	60	135
<i>Cyclin D1</i>	AACCCACCTTCCATGATCGC	CTGTTCTTGGCAGGCTCGTA	60	159
circIGF2BP3	TCTGAATGCCTTGGGTCTGTT	GTCCAAATCCACGTCGTCCC	64.5	228
<i>SOX9</i>	GACAAATGCATCTCCGACGC	GCTTCACGTGGGGTTTGTTT	60	277
<i>GAPDH</i>	AGGACCAGGTTGTCTCCTGT	CCATCAAGTCCACAACACGG	60	153

Table S3. qRT-PCR reaction system.

Reagent Name	Use Level (μL)
Template cDNA ¹	2
Forward primer	0.4
Reverse primer	0.4
2 × ChamQ Universal SYBR qPCR Master Mix	10
RNase free water	7.2

¹ Dilution quadruple.