

Table S1. Primer and probe sequences used for gene expression analysis by quantitative RT-PCR.

Gene Symbol	Gene ID	Primer Sequence 5'-3'	Probe and Sequence 5'-3'
PAX7 ^α	100625823	F: CAGCAAGCCCAGACAGG R: TCGGATCTCCCAGCTGAA	(HEX): TTGAGGAGTACAAGAGGGAGAACCCA
MYOD1 ^α	407604	F: CCGACGGCATGATGGATTATAG R: CGACACCGCAGCATTCTT	(FAM): AATAGGTGCCGTCGTAGCAGTTCC
MYOG ^α	497618	F: AGTGAATGCAGTTCCACAG R: AGGTGAGGGAGTGCAGATT	(Texas Red): CAACCCAGGGGATCATCTGCTC
RPL4 ^α	100038029	F: TGGTGGTTGAAGATAAAGTTGAAAG R: TGAGAGGCATAAACCTTCTTGAT F: GCGGAAGCGTGTAATCAGA	(Cy5): AACCAAGGAGGCTGTTCTGCTTCT
EZH2 ^β	100625497	R: CCTTCGCTGTTTCCACTCTT	-----
RPL4 ^β	100038029	F: CAAGAGTAACTACAACCTTC R: GAACTCTACGATGAATCTTC	-----

α- Multiplex, probe based qRT-PCR; β- Singleplex, SYBR Green qRT-PCR.