

**Table S7.** Primer and probe sets for qPCR validation.

Gene	Primer/probe	Primer sequences (5'→3')
<i>Zbed6</i>	forward	CAAGACATCTGCAGTTTGGAATTT
	reverse	TGTCGTTGAAGTGTTGAAGTTCCTA
	probe	ACATCTCAAGAGCTGTGTGT
<i>Igf2</i>	forward	CGTGGCATCGTGGAAGAGT
	reverse	ACACGTCCCTCTCGGACTTG
	probe	CTGGCCCTCCTGGAG
<i>18s</i>	forward	AGTCCCTGCCCTTTGTACACA
	reverse	GATCCGAGGGCCTCACTAAAC
	probe	CGCCCGTCGCTACTACCGATTGG
<i>Myog</i>	forward	GGCTGCCTAAAGTGGAGATCCT
	reverse	AGGCCTGTAGG CGCTCAAT
	probe	CAGCGCCATCCAGT
<i>Actb</i>	forward	ATATCGCTGGGCTGGTCGTC
	reverse	AGGATGGCGTGAGGGAGAGC
<i>H19</i>	forward	AAGCTATCTCCGGGACTCCAA
	reverse	TTACCCCTTTTGAATTTGCA
<i>Sfrp2</i>	forward	ACGACAACGACATCATGGAA
	reverse	ACGCCGTTGAGCTTGTAAT
<i>Ddit4</i>	forward	GGTCTGCAGCCAGAGAAGAG
	reverse	GACACCCCATCCAGGTATGA
<i>Nfkb1l</i>	forward	ATGCCACCGGACCTGTTG
	reverse	GCCCCCTCTGGAGGAA
<i>Snord47</i>	forward	CCAGTGATGTGATGATTCTGC
	reverse	AAATGGAACGGTTTAAAGGTG
<i>Snord57</i>	forward	GGAAAGGATGAACGAACTTGG
	reverse	CAGTTGTATTGCCTCCATTTCTG
<i>Snord82</i>	forward	ATTTCAACCCCATGGTTCAG
	reverse	CACAAGTGATGAGTGACAAAGG
<i>Snord95</i>	forward	GATGACCACAACATGCCATC
	reverse	AACAGCCTCTGGATTTGAGC
<i>Snord12</i>	forward	TTCTTTCCCGTCAGATCG
	reverse	CATCAGACAAAACCTGGCAATTAG
<i>Nr4a1</i>	forward	AGCACTGCCAAATTGGACTA
	reverse	TCTGCCCACTTTTCGGATAAC
<i>Myo5a</i>	forward	ATGCCTACAGTGGCCAGAAC
	reverse	GCGCCTGACTCTCCACTTAC
<i>Fgf11</i>	forward	CAGGAGCTTGGGCACAAAG
	reverse	CATGAAGGGAAACCGAGTCAA
<i>Prrx2</i>	forward	AACCGCCGTGCCAAGTT
	reverse	CAGAGCGGGTAGCCAGCAT
<i>Mef2a</i>	forward	ACATGAACCAGGAAGCCTTAGG
	reverse	GCCCTTCTGTAAAACGCATGA
<i>Elk4</i>	forward	TCCGTCATCAAATTTGTGACAAC
	reverse	AGCAGCGACAGGCTCGAT
<i>Sp1</i>	forward	GGCTACCCCTACCTCAAAGGA
	reverse	TTGGAAGACTCGCTGCCATT
<i>Nfkb1</i>	forward	AGCAGGATGCTGAGGATTCTG

reverse

GGCAACTCTGTCCTGCACCTA

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