

Supplemental Table 4. Primer sequences for qPCR and RT-qPCR

Gene	Forward (5' to 3')	Reverse (5' to 3')
Primer sets used in qPCR		
<i>Common gRNA</i>	AGGGCCTATTTCCCATGATTCCTT C	TCAAGTTGATAACGGACTAGC
<i>Non-target gRNA</i>	TGTGGAAAGGACGAAACACC	GTCTTCTCGAAGACCCGGTG
<i>RASA1 gRNA #1</i>	TGTGGAAAGGACGAAACACC	AAACGTTATAATACCGGCCTCCC
<i>RASA1 gRNA #2</i>	TGTGGAAAGGACGAAACACC	AAACGTCATTAGTAAATTATAAGC
Primer sets used in RT-qPCR		
<i>Gapdh</i>	GGTCGGTGTGAACGGATTTG	GTGAGTGGAGTCATACTGGAAC
<i>Actb</i>	GAACATGGCATTGTTACCAACTG	GTGTTGAAGGTCTCAAACATGATC
<i>Lgr5</i>	AGAGCCTGATACCATCTGCAAAC	TGAAGGTCGTCCACACTGTTGC
<i>Aqp5</i>	TCCATGAACCCAGCCCGATCTT	GAAGTAGAGGATTGCAGCCAGG
<i>Bcl-xL</i>	CGGAGAGCGTTCAGTGATC	CTGCATCTCCTTGTCTACGC
<i>Bcl-2</i>	CCTGTGGATGACTGAGTACCTG	AGCCAGGAGAAATCAAACAGAGG
<i>Cd44</i>	CACTGTGACTCATGGATCCGA	GGCAAGAATCAGAGCCAGTG
<i>c-Myc</i>	ATCCTGTACCTCGTCCGATTCC	GGTTTGCCTCTTCTCCACAGAC
<i>Ccnd1</i>	GCAGAAGGAGATTGTGCCATCC	AGGAAGCGGTCCAGGTAGTTCA
<i>Ctgf</i>	TGCGAAGCTGACCTGGAGGAAA	CCGCAGAACTTAGCCCTGTATG
<i>Cyr61</i>	GTGAAGTGCGTCCTTGTGGACA	CTTGACACTGGAGCATCCTGCA
<i>Igfbp4</i>	CGGAGCAAGATGAAGATCGTGG	GATGAAGAGGTCTTCGTGGGTAC
<i>Wnt5a</i>	GGAACGAATCCACGCTAAGGGT	AGCACGTCTTGAGGCTACAGGA
<i>Bmp4</i>	GCCGAGCCAACACTGTGAGGA	GATGCTGCTGAGGTTGAAGAGG