

Supplementary Table 1

Supplementary Table 1: qPCR Primer Sequences			
Gene Symbol	NCBI Ref Seq	Forward Primer(5'-3')	Reverse Primer (5'-3')
Muc2	NM_023566.4	GCTGACGAGTGGTTGGTGAATG	GATGAGGTGGCAGACAGGAGAC
Muc5ac	NM_010844	CCACTTTCTCCTTCTCCACACC	GGTTGTTCGATGCAGCCTTGCTT
Muc6	NM_181729.3	GGAACAAACAGTCTGGACCACC	CTTCGGTATGGATGTAGGAGGC
Notch1	NM_008714.3	GCTGCCTCTTTGATGGCTTCGA	CACATTCGGCACTGTTACAGCC
Notch2	NM_010928.2	CCACCTGCAATGACTTCATCGG	TCGATGCAGGTGCCTCCATTCT
Psen1	NM_001362271.1	GAGACTGGAACACAACCATAGCC	AGAACACGAGCCCGAAGGTGAT
Hes1	NM_008235.2	GGAAATGACTGTGAAGCACCTCC	GAAGCGGGTCACCTCGTTCATG
Hey1	NM_010423.2	CCAACGACATCGTCCCAGGTTT	CTGCTTCTCAAAGGCACTGGGT
Math1	NM_007500.5	CTGGTAAGGAGAAGCGGCTGTG	CCATTCACCTGTTTGCTGGAAGG
Creb3l1	NM_011957.2	AGCCTTGTGCTTCGTTCTGGTG	CATCGTAGAACAGTAGGCTTCGG
Clca1	NM_017474.2	CTGCCGCTAAAGAGCTTGAGCA	ATCGCCGCATTTCTGAGGAGA
Spdef	NM_013891.4	CACGTTGGATGAGCACTCGCTA	AGCCACTTCTGCACGTTACCAG
Agr2	NM_011783.2	GCAGTTTGTTCCTCAACCTGG	GTATCGTCCAGTGATGTCTGCC
Klf4	NM_010637.3	CTATGCAGGCTGTGGCAAACCC	TTGCGGTAGTGCCTGGTCAGTT
Dll1	NM_007865.3	GCTGGAAGTAGATGAGTGTGCTC	CACAGACCTTGCCATAGAAGCC
Dll4	NM_019454.3	GGGTCCAGTTATGCCTGCGAAT	TTCGGCTTGGACCTCTGTTTCCAG
Axin2	NM_015732.4	ATGGAGTCCCTCCTTACCGCAT	GTTCCACAGGCGTCATCTCCTT
Tcf4	NM_001083967.1	CCTCCAATCCTTCAACTCCTGTG	TCCAAACGGTCTTCGATTCCGGC
Lgr5	NM_010195.2	AGAGCCTGATACCATCTGCAAAC	TGAAGGTCGTCCACACTGTTGC
Cyp26a1	NM_007811.2	GAAACATTGCAGATGGTGCTTC	CGGCTGAAGGCCTGCATAATCAC
RAR β	NM_001289761.1	ACCAGATCACCTGCTCAAA	GTCAGTCAGAGGACCGAAGC
Kr19 (Enterocytes)	NM_008471.3	AATGGCGAGCTGGAGGTGAAGA	CTTGGAGTTGTCAATGGTGGCAC
Lyz1 (Paneth cells)	NM_013590.4	TACAACCGTGGAGACCGAAGCA	TGGCTGCAGTGATGTCATCCTG
36b4 (House keeping gene)	NM_007475.5	AGAACAACCCAGCTCTGGAGAAA	ACACCCTCCAGAAAGCGAGAGT