

Supplementary Table S1
Sequences of primers for quantitative RT-PCR analysis.

Gene	Accession Number	Forward Primer	Reverse Primer	Probe Number (Roche)
18s rRNA	NR_003286	TCGAGGCCCTGTAATTGGAA	CCCTCCAATGGATCCTCGTT	-
β-actin	NM_007393	CTAAGGCCAACCGTGAAAAG	ACCAGAGGCATACAGGGACA	64
Pla2g10	NM_011987	Taq man probe (Applied Biosystems) No. 00449532		
Ptgs1	NM_008969	CCTCTTCCAGGAGCTCACA	TCGATGTCACCGTACAGCTC	46
Ptgs2	NM_011198	CACCTCTGCGATGCTCTTC	TGGATTGGAACAGCAAGGAT	27
Ptgs	NM_022415	GCACACTGCTGGTCATCAAG	ACGTTTCAGCGCATCCTC	83
Ptgs2	NM_133783	CCCAGGAAGGAGACAGCTT	AGGTAGGTCCTGAGGGCACTAAT	82
Ptgs3	NM_019766	CGAATTTTGACCGTTTCTCTG	TGAATCATCATCTGCTCCATCT	9
Ptger4	NM_008965	CGGTTCCGAGACAGCAA	CGGTTTCGATCTAGGAATGGT	102
Alox5	NM_009662	GGCACGGCAAAAACAGTATC	TGGCATTTGGCATCAATACTC	58
Alox12	NM_007440	CAGGGAGAGGGAATCCTGA	CGATACTTCTGGAAGACATCTAAGG	51
Alox12b	NM_009659	ACTTTGGTCTCGATGGCAAC	CAATCAGGCCCAGGAGTCT	105
Alox12e	NM_145684	CTCCAGGGATGGAAGACGTA	TCAACTTCGAACAGAGATCCAG	78
Alox15	NM_009660	GGGGATGGAGAAGCTACAGG	TCCGCTTCAAACAGAGTGC	42
Alox15b	NM_009661	CGCCAGAAGGAGCTTGAGT	GGCCAACCTTCAATGTAAGTCT	29
Alox3	NM_011786	GGCCTCACTGATCTTCAACG	GTCAGGAGACCTCGAATCTT	4
Shh	NM_009170	ACCCCGACATCATATTTAAGGA	TTAACTTGTCTTTGCACCTCTGA	32
Bmp4	NM_007554	GAGGAGTTTCCATCACGAAGA	GCTCTGCCGAGGAGATCA	89
Msx2	NM_013601	AGGAGCCCAGCAGATACT	GTTCCTCAGGGTGCAGGT	70
Lef1	NM_010703	TCCTGAAATCCCCACCTTC	ACCCGTGATGGGATAAACAG	94
Foxn1	NM_008238	TGACGGAGCACCTCCCTTAC	GACAGGTTATGGCGAACAGAA	68
Gata3	NM_008091	TTATCAAGCCCAAGCGAAG	TGGTGGTGGTCTGACAGTTC	108
S100a9	NM_009114	CACCCTGAGCAAGAAGGAAT	TGTCATTTATGAGGGCTTCATT	31
Flg1	XM_485270	AGCACGGCTCCGATACTA	AACTGCTGCTGCGTTGCT	49
Krt1	NM_008473	TTTGCCTCCTTCATCGACA	GTTTTGGTCCGGGTTGT	62
Krt14	NM_016958	ATCGAGGACCTGAAGAGCAA	TCGATCTGCAGGAGGACATT	83
Tgm1	NM_019984	GCCCTTGAGCTCCTCATTG	CCCTTACCCACTGGGATGAT	10
Tgm2	NM_009373	GGTGATCCTCGCTTGAGTGT	CTCCAAATCACACCTCTCCAG	17
Krt6a	NM_008476	AGTTTGCTCCTTCATCGAC	TGCTCAAACATAGGCTCCAG	84
Krt17	NM_010663	GGAGCTGGCCTACCTGAAG	ACCTGGCCTCTCAGAGCAT	63
Krt33a	NM_027983	GGCCTACTTCAGGACCATTG	CGTCTCAGATTTGCCACAC	84
Krt71	NM_019956	AGCTGAGGAATGTGCGTGA	GCCGGTTGATCTCCTCCT	22
Krt85	NM_016879	CCAGGATGTGGAGTACCAGA	GCCAGTTTTGGGGCTAC	15
Klk6	NM_011177	CCTGTGCTTGGTCTTGCTA	TCCATGAACCACCTTCTCCT	64
Klk7	NM_011872	CAGGGAGTGCAAGAAGGTGT	TGTCGTTGCACACCAAGG	3
Klk8	NM_008940	GCAGCAATGGAGCTGACAC	TGAGCCCCATGAGGTGAT	1
Mtsp1	AF042822	CCTCTCCTACGACTCCAACG	GATGCACCGTCCAGTCTTG	104
Ctsl	NM_009984	CAAATAAGAATAAATATTGGCTTGTA	TGTAGCCTTCCATACCCCAT	60
Furin	NM_011046	CTGAGGAGGCCTTCTTTCG	CCTGAGGCCCAGACAAAAG	81
Cst6	NM_028623	CCAAAGTCATCGATGCAAAA	TGCTTTCTATGTCCAAAGTCAGG	83
Spink5	NM_001081180	CATGTTGACGTAAGAGTGAAGGT	AGGCTCGAAAATCACTGCAC	66