

**Supplemental Table 1: Oligonucleotide sequences of primers for qRT-PCR**

<b>Rank</b>	<b>Gene</b>	<b>Primers</b>	<b>Product Length</b>	<b>Tm</b>
1	LSAMP	Fwd GAGAGAGAGAGAGAGAGAGATGG Rev AAAGTTGTGAAATAAACGGTCTCC	50	59-60
2	SLC38A2	Fwd TCTCGGGTTAAGGGAAGTGA Rev CATTCTCTGGAATGGAATAAAATTG	45	60
3	CTAG1	Fwd TTGTCTGCTGGAGGAGAC Rev TTTTCTACAGAAACAAACATGTAAGC	45	58-60
4	MGC2780	Fwd GAGAGAGAGATAGAATTCCAGCAG Rev CCATTCGTGGAATGTGTACTT	50	58-59
5	PCDH11Y	Fwd TTATGACCATTAGAACTATTTTGA Rev AATTGAGCCAGTTGGAAAC	46	54-55
6	PCSK4	Fwd GAAGTCTCCTCTGCATTTTGG Rev CACTCCC GCCCAAACC	36	59-61
7	ZADH1	Fwd ATGGGAGCTGCATTCCAGT Rev CTGCTTTCCAATGTTACCTCCT	51	60-61
8	CD164	Fwd GAGTGCTGTAGGATTAATTCGAAAAT Rev GGGAGGAATGGAATTCTGC	47	59-60
9	SFTPA2	Fwd AAGCCACACTCCACGACTTC Rev CCCTTGCTCTGCAGGATTTG	45	59-60
10	FLJ23577	Fwd TGGCTGTTGGAACATCATGTC Rev TTGGAATGGAAGCGTTGACT	48	60-61
11	OPRS1	Fwd TTGAAGTCAGCGTCTTCCATT Rev CAAAGGAAGAATGGGGGTCT	47	60
12	FABP6	Fwd CAAGGAAAGCAACATACAGACAA Rev ACAGTGGCCTTGAACGTCTT	51	59-60
13	OR52P1	Fwd ACGTTCCAGTCCATATTCACATT Rev GGTGGCAAAAGCAGATAAACA	55	60
14	CSTA	Fwd TGAGACTTACGGAAAATTGGAA Rev CAACAACCTGAGTTTTATACTGCACA	50	59-60
15	NPDC1	Fwd GCATGGAGAACCGTAGAGC Rev TGGCTTTTGTCTCTAGAATTACCC	55	58-60
16	NXT2	Fwd TGCTCAGTCCACTCCCAAC Rev TCACTTGCAATCTTCCACACA	45	60
17	SECTM1	Fwd CCTCCTAGAACCCAGATGAA Rev GGCTCCCCTCTGAGG	46	60-61

18	HKE2	Fwd GGGAAAGAGGCTGGACTATATCA Rev GCTGGGATTCGTATCGCTTA	52	60
19	NNMT	Fwd TGTGAAAGAGGCTGGCTACARev TTTGGCGAGATCACCTCAAAC	50	59-60
20	ST18	Fwd TTCCACTCCCATGAAACTTTG Rev GCCCACTTAATGCATAACAA	46	60
22	RPL10	Fwd GGCCAAGTTCAAGTTTCCTG Rev ACTTCTTTGAGATGTGGATCTTCTG	50	60
28	IFITM1	Fwd CAGCAGTTTATACCCACACACC Rev GCACGTGCACTTTATTGAATG	55	59
35	USP18	Fwd TCATTTTCCATTTCCGTTCC Rev GCAAAATCTCTTAGAAGACTCCGTA	51	60
37	RNF28	Fwd ACGATGTGCTGTATTTAGTGTCT Rev TCAGTTACCACCCCGTATGTC	51	60
38	HOXB7	Fwd ACATGAGAAAGGGAGACGAAGA Rev CCTGATTCAGTTCCCAGAGC	50	60
39	MRPL52	Fwd GAGGCTTGGCTTAGTACTCTCATC Rev TTACCTGAACTGGAATGGAACC	49	60
40	SPP1	Fwd CCACAGCCATGAATTCACA Rev TTGGGGTCTACAACCAGCAT	51	60-61
42	NDRG1	Fwd GCCAGGTTCCCTGTACTACTGC Rev ATCCACGGTGAGCCAAAAT	52	59-60
44	ARHGAP4	Fwd TCTGCAGCTTTGTGGAAGG Rev CCACCCAGCAGCCACT	41	60
47	IFIT1	Fwd CTTTGAGAACTCTGTGAGACAAGG Rev GGCTGATATCTGGGTGCCTA	48	60
48	CYP4Z1	Fwd ATCAAAACTCCACTCAGTATCTGC Rev GCAGATATTTGCAGAGATAAAAAGTAA	51	58-59
49	PABPC3	Fwd CTTCTTTATATGCTCGAGTCTCC Rev TCATCAACCTTAGAACGGAGTG	50	57-59
52	SSR4	Fwd CTCAGGAAGGCTCAGAGGAA Rev TAAACAGAGGCGGGATGATG	55	60
55	TYRP1	Fwd AAACCTTTGGAGAGGGAAAATCT Rev CACAGGCAATATCCATTGTTG	54	57-59
65	TPD52L1	Fwd GCATGTCCTTGAAGGCTGA Rev CTGCTGAACTGAAAGGGACTG	45	60
66	RPL28	Fwd GCAATTCCTTCCGCTACAAC Rev CCACAGTCTTGCGGTGAAT	45	60

72	CD19	Fwd GCCAGCCTGGACCCAAT Rev TAAGAGTCTGCATCTTCCTCATGATT	40	62
73	MAGEA2	Fwd GCAGTCAGCATTCTTAGCAGTG Rev TCAAAGTCATCCAACAGAACAGA	49	60
75	LOC389903	Fwd AACCCCAGATAAATAGCCAACA Rev CTCTTTGGGGTGAAAATGTACTCT	52	59-60
77	TRAG3	Fwd AACCCCAGATAAATAGCCAACA Rev CCCTTTGGGGTGAAAACG	54	60
81	IFI27	Fwd CCAGCGAGGAGCCAACTAT Rev ATTTGGTATATTTACCCCCAGGT	51	60
90	JUN	Fwd AACTCATGCTAACGCAGCAG Rev CCGACGGTCTCTTCAAAA	49	59-60
93	CTAG2	Fwd GGTGTCGCCTTTAATGTGATG Rev GCTAAATGTGAGGGGCAGAG	43	60
95	NANS	Fwd TAGTGGGCAAGAAGGTCCTG Rev TGATGGTGTATCCTCTTCAAC	48	60
96	SDF2L1	Fwd TTGGCAGAGACTTTGGGTTT Rev AGGCACTTGAGGACCCCTA	40	60
98	TRA1	Fwd CCTTCTCCCCTGCACTGTAA Rev TGTGACCCATAATCCCACATT	41	60
99	retSDR4	Fwd TCACAAAGACTATAGGCAATAATGGA Rev TTGTCATCTTGTGGGACTGG	48	60
NA	RPLP0	Fwd CTGTTGCATCAGTACCCCAT Rev TCGTTTGTACCCGTTGATGA	44	60