

Table SI. Primers for all coding exons and exon/intron-boundaries of the *KRT1*, *KRT2* and *KRT10* genes

Exon	Primer	Sequence 5'→3'	Exon	Primer	Sequence 5'→3'
<i>KRT1</i> exon 1-1	E01-1-F	M13-GCAGGCAAGCCAAACCCTTG	<i>KRT2</i> exon 5	E05-F	M13-GTCTGCGTTTCCTTATGCT
	E01-1-R	revM13-CACCTCCTCTAGCCACACTTA		E05-R	revM13-TGCCAACTACCAATAAACAAA
<i>KRT1</i> exon 1-2	E01-2-F	M13-GGTGGTGGTAGCTTGGTGCT	<i>KRT2</i> exon 6	E06-F	M13-GCAGCCATGACATTTAGCTG
	E01-2-R	revM13-TATGCCACCAGGAGGGCAGAC		E06-R	revM13-TCTCATATGCACACTCACACA
	E01-2-seq1-F	GAGTCTTGTTAACCTTGGTG	<i>KRT2</i> exon 7	E07-F	M13-GGTTCTGGCTTCTGCACCTT
	E01-2-seq2-F	GTGGTAGTGGCTTTGGT		E07-R	revM13-TCTGCTTTCCTGTCTTTGCT
<i>KRT1</i> exon 1-3	E01-3-F	M13-GGCAGTGGTGGTGGTGGTT	<i>KRT2</i> exon 8	E08-F	M13-GGGTCTGTCGTCATTTGTGTG
	E01-3-R	revM13-GGAAACTTGAGGTTCAAACCTACTG		E08-R	revM13-CTTGATGCCACATTTGATG
<i>KRT1</i> exon 2	E02-F	M13-GAGGTTCTTTTCCAAATGAGGCA	<i>KRT2</i> exon 9-1	E09-1-F	M13-GACCTCAGCAGCAATGTGAC
	E02-R	revM13-ACATGCTGCTTCATGATCTTAG		E09-1-R	revM13-GCTGGAGCCTCCTCTAGAGC
<i>KRT1</i> exon 3	E03-F	M13-GTGATAGGCAATGCCACCTTAA	<i>KRT2</i> exon 9-2	E09-2-F	M13-CTAAGGGAGGGTCCATCTCTG
	E03-R	revM13-CTCTCCATATCATGGCTGCT		E09-2-R	revM13-TGGACATTTCTTCCCTCAAA
<i>KRT1</i> exon 4	E04-F	M13-GCTTGGAGAATCCCCTCACA	<i>KRT10</i> exon 1-1	E01-1-F	M13-GCAAACCTAACACATGTGGACA
	E04-R	revM13-TGAGACAACCTCGCAAGACA		E01-1-R	revM13-CCATAACTCCCACCAAAAGC
<i>KRT1</i> exon 5	E05-F	M13-GACTGCTTTCTCTGTCTAAGTT	<i>KRT10</i> exon 1-2	E01-2-F	M13-GCTCATCAGGTGGCTATGGAG
	E05-R	revM13-GTAGCAGAAGCTCAGCATG		E01-2-R	revM13-GATTCATCTGTCTGGATTACATGG
<i>KRT1</i> exon 6	E06-F	M13-GTTTTCCCTGAAATGGCTTGTG	<i>KRT10</i> exon 2	E02-F	M13-AAGTGCAGAGTGCATCTATGTC
	E06-R	revM13-GAACCAGGGATAATAATGTAGCCT		E02-R	revM13-AATGTTATTGAGGGCATCCCAAG
<i>KRT1</i> exon 7	E07-F	M13-GGTTCTGTTGGACTCATATTGG	<i>KRT10</i> exon 3	E03-F	M13-GCCATTACATGAGATCAACTATGTAG
	E07-R	revM13-CCAGCACAAGCTGCAATCAGA		E03-R	revM13-CAGAAAGATTTATTGGCTACACGAG
<i>KRT1</i> exon 8	E08-F	M13-GGAAAGTCTTCAAGTGGTGG	<i>KRT10</i> exon 4	E04-F	M13-GACTGAAGAGCTGGCCTATC
	E08-R	revM13-AGCTGCAAGAGGAAGCTCAG		E04-R	revM13-CAATTTCTGTAGTCAGTTCCCTTGC
<i>KRT1</i> exon 9	E09-F	M13-AGTACAAGTCGATTTCTCAGGG	<i>KRT10</i> exon 5	E05-F	M13-AGGTAAAGTAATCTTCCCTTATAGTGA
	E09-R	revM13-GAAAGAGCTGGGGGAATAGGA		E05-R	revM13-GTTGCATTGCATATCTTAGGTGA
	E09-seq1-F	CTCCGGAAGCAGCAGT	<i>KRT10</i> exon 6	E06-F	M13-CTGAAACTGAAATGGTGCCATTAAC
	E09-seq2-R	CACTGCTGCTTCCGGA		E06-R	revM13-CTTCTGGGGTTTAGATAAGCC
<i>KRT2</i> exon 1-1	E01-1-F	M13-TGATAATCACGCACCAGGAA	<i>KRT10</i> exon 7	E07-F	TAAGAGTTCTGTGAACTTAACATTGTT
	E01-1-R	revM13-TCTGCCACCAATCCACCAG		E07-R	CAAACGGAACCGTCTCTAAGA
<i>KRT2</i> exon 1-2	E01-2-F	M13-GAGCATCTCCATTAGTGTGGC		E07-seq1-F	GTTTTCAAAGGATGGGTTT
	E01-2-R	revM13-GGTTGGCTCTGGAAGTGAAG		E07-seq2-R	ACTGCCACCACCGTAG
<i>KRT2</i> exon 2	E02-F	M13-GTGGCTTGTGGTGTGAAG		E07-seq3-R	CAACTTAGAGCTTAAAGC
	E02-R	revM13-GAATGGCTTTCCAGGGAGTG	<i>KRT10</i> exon 8-1	E08-1-F	M13-GGCATGATCAAAATGTCATACC
<i>KRT2</i> exon 3	E03-F	M13-CATTTGGGGTGAATCCAGTA		E08-1-R	revM13-AGACCATCAAGACAGAAGTGT
	E03-R	revM13-ATGTGCCATGGGTCTCACTC	<i>KRT10</i> exon 8-2	E08-2-F	M13-GGTTGAATCAGAAACCAAGAAACA
<i>KRT2</i> exon 4	E04-F	M13-GGGAGCCTGGGATTTAGAG		E08-2-R	revM13-CATGACAATAGTTCTGTCTCCGA
	E04-R	revM13-TCCATAAACCCCACTTCTGC			