

Table S1. Primers used for the amplification of the regions of interest.

Gene name	EXON/ INTRON number	primer sequence (5'-3')	Tm(c)	product size	Length	No of hits
COL7A1	91	LEFT PRIMER 5'- CTGTCTCTCCAGTGGCCTA -3'	56.40	583bp	19	1
		RIGHT PRIMER 5'- CCCAGATGTGGTGAGAAAC -3'	56.32		19	2
COL7A1	3	LEFT PRIMER 5'- CCTGATACCCGTAACCCTCA -3'	59.81	457bp	20	1
		RIGHT PRIMER 5'-CACTCCTGCTCGGTCCTTAC-3'	59.87		20	1
COL7A1	12	LEFT PRIMER 5'- GCTGGTCTGACCCTGTTATC -3'	57.16	562bp	20	2
		RIGHT PRIMER 5'- AGACACACCCTGTTGACAGTT-3'	57.10		21	1