

Appendix 1. Oligonucleotides used for PCR and sequencing of *FOXD3* and *PAX6* genes.

Set	Forward primer	Reverse primer	PCR product size
<i>FOXD3</i>			
1	AAACCCTCTTCCCCTGAGCT	TGCTGATGAACTCGCAGATG	608
2	CAAGAACAGCCTAGTGAAGC	CCGAAGCTCTGCATCATGAG	366
3	CCGAGGACATGTTTCGACAAC	TGTTCTCGATGCTGAACGAC	486
4	TGCAGCTGCAGCTCAATAGC	GAGAGGCAGAGTCCAGGATT	541
4b	TGCAGCTGCAGCTCAATAGC	AGGTGCATTTGTTGCTCGAG	475
<i>PAX6</i>			
1	AGAACGGAGATTCTCCTGTC	GAAGTCCCAGAAAGACCAGA	153
2	GGATGAGGATGCATTGTGGT	ATGAAGAGAGGGCGTTGAGA	373
3	TGATGCATCTTCAGGCAGTG	GGACACAGACTAAGAGACAG	643
4	CCACGGTGTATCTGCAAATC	ACATTCCCAAGCATGGAAG	364
5	GGGAATGTTTTGGTGAGGCT	CAAAGGGCCCTGGCTAAATT	371
6	GGAACCAGTTTGATGCACAG	AAGCCAATCACTGTAGTGCG	883
7	GATCAGACTTGTGGCAGAG	CCCATAAGACCAGGAGATTC	336
8	TCCATGTCTGTTTCTCAAAGG	TGTTGTGTCCCATAGTCAC	214