

**Table S10: Primer sequences and PCR conditions for qRT-PCR and genotyping**

**qRT-PCR**

<b>Gene name</b>	<b>Sequence (5'→3')</b>	<b>Amplicon size</b>	<b>Location</b>	<b>Tm</b>
<i>Rps28</i>	TAGGGTAACCAAAGTGCTGGGC	104	exon 1-2	64.49
	GACATTTTCGGATGATAGAGCGG		exon 3	63.02
<i>Ace</i>	GCCATCCTTCCTTTTTTCCCA	181	exon 16	64.45
	GCACATAGGCATGCAGGTTCA		exon17	64.38
<i>Agt</i>	TGTGACAGGGTGGAAAGATGA	116	exon 1	60.09
	CAGGCAGCTGAGAGAAACCT		exon 2	59.75
<i>Ren</i>	CTCCTGGCAGATCACGATGAA	161	exon 6	63.62
	TTCTCTTCTCCTTGGCTCCCA		exon 7	63.54
<i>Ncf1</i>	TCCCTGCATCCTATCTGGAG	169	exon 7	60.17
	TCCAGGAGCTTATGAATGACC		exon 8	59.14
<i>Ncf2</i>	CCGACAAGAAGGACTGGAAG	219	exon 1	59.84
	CAAGGTCGTACTTCTCCATTCTG		exon 2-3	60.17
<i>Nox2/Cybb</i>	CATCGGTGACAATGAGAACG	229	exon 5	60.11
	AAGGCCGATGAAGAAGATCA		exon 6	59.77
<i>Nox4</i>	ATCTTTGCCTCGAGGGTTTT	182	exon 9	60.07
	TGACAGGTTTGTGCTCCTG		exon 10	59.87
<i>Cyba</i>	AGATCGAGTGGGCCATGT	102	exon 1	59.00
	ACCACTGTGTGAAACGTCCA		exon2	60.00
<i>Rac2</i>	AACGCCTTCCCTGGAGAATA	150	exon 2	60.95
	TGTCTGTGGGTAGGAGAGTGG		exon 3	60.16
<i>Ein</i>	TCCCGGTGGAGTCTATTATCC	92	exon 2	60.16
	CTGGCTTAGGTGGTTTTCTC		exon 4	60.12

<b>qRT-PCR Conditions</b>	<b>Final volume 10 µl</b>
Stage 1	50°-2 min
Stage 2	95°-10 min
Stage 3	(95°-30 sec; 58°-30 sec; 72°-30sec)X40
Stage 4	72°- 7 min
Dissociation stage	95°-15 sec; 60°-15sec; 95°-15sec

**Genotyping**

<b>Locus</b>	<b>Sequence (5'→3')</b>	<b>Amplicon size</b>
<i>Ncf1</i>	TGGAAGAAGCTGAGAGTTGAGG	160
	TCCAGGAGCTTATGAATGACC	
DD deletion	AGAAGGTCCACCAGCTCAGT	458
	TTTCTGTGGGGCAAATGTA	
PD deletion	TTTCTGTGGGGCAAATGTA	352
	AACAGCCTGCCAACTTCTTT	