

Table 1 Suppl. Primers used in the study (F - forward, R - reverse).

Primer name	Primer sequence (5' - 3')	Note
RM5389-F	TCTTGCATGAGAGCCAACAC	Mapping
RM5389-R	GCTATTGCGCGAGATTATCC	
STS1-F	TCCTCCCTTCTCGTTGAC	
STS1-R	GTGAACGAGAACGACGAG	
STS2-F	CCATTTCACCTGCATGC	
STS2-R	GCAAAGTGATCTCGCCTTG	
STS3-F	CCATTTCACCTGCATGC	Sequencing of <i>OsNOX3</i> mutation
STS3-R	GCAAAGTGATCTCGCCTTG	
OsNOX3-seq-F	GGCATTGCGTGTTCCGGGATG	
OsNOX3-seq-R	TTTAGACGTCCTTTGGTACGG	
OsNOX3-CDS1-F	AAAGAGCTCGGCATTGCGTGTTCCGGGATG	
OsNOX3-CDS1-R	AAAGTCGACTTTAGACGTCCTTTGGTACGG	
OSNOX3-CDS2-F	AAAGTCGACATGGCGTCGCCGTACGACCAC	<i>OSNOX3</i> CDS without stop coden
OsNOX3-CDS2-R	AAATCTAGATAAAAAGTTTTCCTTGTGGAAG	<i>OsNOX3</i> promoter
OsNOX3pro-F	AAAAAGCTTTGGTATGCCCGTCGTCCCTCC	
OsNOX3pro-R	AAAGGTACCCATCCCGGAACACGCAATGCC	
OsNOX3-RT-F	GGTGCTCGCCTACGTCCTCC	
OsNOX3-RT-R	GTAACCTGTGCCTCGCAAGCC	
Actin-RT-F	TCAGCAACTGGGATGATATGGAG	
Actin-RT-R	GCCGTTGTGGTGAATGAGTAAC	RT-PCR