

Table S1 . Primer Sequences used to amplify oCNGA3 gene regions

Target	Primer Name	5'-3' Primer Sequence	Amplicon Size (bp)
Exon 8 mutation	oaCNGA3ex8F	GTTTCGATGAGCTCCAGTCC	252
	oaCNGA3in8R	CCTGGCTCTTCTGACTGTCC	
Exon 9 mutation	oaCNGA3ex9F	GGTCCGAATCTTCCAGGACT	300
	oaCNGA3ex9R	AGGCAGAACAGGTCCGAGTA	

Abbreviations: F, forward; R, reverse

The annealing temperature was 65°C to 58°C.