

**Table S1.** The primers used for cloning CDS sequences of four antioxidant genes

Gene ID	Primer Name	Sequence (5'-3')
KX505994.1	SOD-F	AACTGTCGGCATCGGAGTTC
KX505994.1	SOD-R	GCTAAAATGTGACGCCGGAA
OR597505	POD-F	ATGGGACCGCTGAATCTTGG
OR597505	POD-R	TTAGTCCATGGTGGTACGCAT
OR597506	CAT-F	TACGTTCGCGTCATCGACTT
OR597506	CAT-R	TTCTCACCAACAGTGGGAGC
OR597507	GPX-F	TTCGCTGTAACGATGGCTGT
OR597507	GPX-R	TCGCGTTTTCCCTCGTGTA