

**Table S1** Primer sequences used in qRT-PCR.

Primer name	Sequence (5' to 3')
Actin-F	TCCCAAGGCAAACAGAGAAA
Actin-R	GGCCACTAGCATATAGGGAAAG
DoANS-F	CTCCTTACTCTCTCTCGGTCTC
DoANS-R	CAGCGTGGGTAGTAGTTGATTT
DoAOC-F	CCTAAGCCAGAAGGAAGTCAAT
DoAOC-R	CTGTTATTCCGAGCCTCTTCTC
DoAOS-F	GTTCCGAAGCTCGTTGAAGA
DoAOS-R	TCCAGCCGTGTTGAAGTAATC
DoCHI-F	CGTCTACACCGAAGAAGAAGAAG
DoCHI-R	GGAATGAGAGAAGACGATGGAAG
DoF3'5'H-F	GGGCTTCATCTCTGACCTATTC
DoF3'5'H-R	GTCGGAGGATTGATGGGTTT
DoLOX2S-F	AGATTCCGGAGATGATGGAAAG
DoLOX2S-R	CAGCTGGATACTGAGAGGATTG
DoMFP-F	AAGTTGGAGGATGCGTATGG
DoMFP-R	GCTTGCGAGAGAGATGAATTTG
DoOPR-F	TCCTCTCACATCGGGTAGTT
DoOPR-R	GTCAGTGGCTCTTTGGGTATAG