

Supplementary Materials

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Supplementary Table S1. Primers used in RT-qPCR

Gene ID	Gene description	Primers
py07868	Universal stress protein A-like protein	F: TCCTCGTCGAGAACCAGAAGC R: ATTAGCATGGCAGAAGCACCC
py11381	Betaine aldehyde dehydrogenase	F:TGAAGCACGTCAAGGAGAAGGTC R: GGTAGCATTTGCCGTCCGATT
py07165	Vanadium-dependent bromoperoxidase	F: GCTGCTGCCAATGGCCTTCC R: GAGATGTTAGCGGCGAGCTTGTT
py04528	Phosphoribulokinase	F: GTCGTGTCAGCGGCATCTTT R: TCACCCGTCTCGTGGTTGTAG
py08787	Nitrate reductase	F: AGAATGGCATCCGCCTGAC R: ACCACCAGCCCTCCGACTT
py03023	Carbonic anhydrase	F: CGTCAACCCGCTGGTGGAGA R: CGGCTCATCGACCCAATCTTC
py09034	Phosphoenolpyruvate carboxylase	F: GGTGGAAATGGTGCTTACGG R: GCTCAATGACTTGCAGGATGTT
-	18S rRNA	F: TGATAGTCCTGGGTCGGAAG R: TGATGACCTGCGCCTACAAG

RT-qPCR, quantitative reverse transcription polymerase chain reaction.

Supplementary Table S2. Details of all DEGs involved in this article (It can be viewed as an excel file on <https://e-algae.org>)