

**Table S1. Primers used in this study**

Primers	Sequences(5'-3')
crtO-F	ATGAAAACCATGAAAAATATATT
crtO-R	TTAGTCATGACGTTACCTTTTC
crtP-F	ATGACTAAACATATCATCGTTATTGG
crtP-R	TCACTTCCTATTCTTCGCTTC
crtQ-F	ATGAAATGGTTATCACGAAT
crtQ-R	TTATTGTTCTTTAGATATAGAATATTG
crtM-F	ATGACAATGATGGATATGAAT
crtM-R	CTATATTCTATGATATTTACTATTTATTT
crtN-F	ATGAAGATTGCAGTAATTGGTGC
crtN-R	TTATACGCCCCGCTCAATAT
16s 27F	AGAGTTTGATCMTGGCTCAG
16s 907R	CCGTCAATTCMTTTRAGTTT
rpoB-2491F	AACCAATTCCGTATIGGTTT
rpoB-3241R	GCIACITGITCCATACCTGT
nrps-F	TTGARWCGACATTACCAGT
nrps-R	ATWRCRTACATYTCRTTATC