

# Supplementary Material

Algae 2018, 33(4): 351-358

<https://doi.org/10.4490/algae.2018.33.12.5>

Open Access



**Supplementary Table S1.** List of primers used in this study

Name	Sequence 5'-3'	Remarks
EF-1AF	GGCTTTGTATGCGGAGACAG	PCR [c] in Fig. 1; length 373 bp; used as a positive control of the total DNA amount used as a matrix in PCR
EF-1AR	CCGCCTCTTTCTTGTGACC	-
catCHStu	<b>AGGCCTTTATGCTCCACCTTGCCAT</b>	PCR [z] in Fig. 1; length 672 bp; used also in plasmid pCCCATCHK/D/L construction and for CATCH probe in Southern hybridization
catCHKpn	<b>GGTACCATGGAAAAGAAGATTACTGGTTAT</b>	
pABB20R	GGCTCAGTGA CTCTTATC	PCR [v] in Fig. 1; length 3,420 bp
pABB20L	CCTATTATAGCGGGAGTG	-
3UF	TGG CAAGGTGGAGCATAAAGGAGAAC	PCR [y] in Fig. 1; length 4,365 bp
3UR	CTTGTGCGCCGGCAGCTGCCATG	-
5UF	TGCTCCACCTTGCCATTTCATCAC	PCR [x] in Fig. 1; length 4,938 bp (pCCCATCHK), 4,648 bp (pCCCATCHD), 4,400 bp (pCCCATCHL)
5UR	GCATCCGGCCCATGACACATC	-
NpsbAFor	AATGCACCAAATTCGCCAC	Used in plasmid pCCCATCHK/D/L construction
NpsbARev	TAAACCCTCCGCTGGTCAAC	-
dnaKSaI	CTCT <b>GTCGAC</b> ACACAGAGGATCTGGAAGGG	-
dnaKKpnI	TGGTT <b>GGTACCGA</b> ACTGTTCTCCTTATGTTGCTTTTAT	-
psbDFSaI	CTCT <b>GTCGAC</b> ACACAGAGGATCTGGAAGGG	-
psbDKpnI	TGGTT <b>GGTACCGA</b> TGATTATCCCATCTGTGG	-
rbcLFSaI	CTCT <b>GTCGACT</b> GGGTCCAATCATCCTGCAAGG	-
rbcLKpnI	TGGTT <b>GGTACCGA</b> ATTCCTCCAGAATTCGCTTGTC	-
recpsbAf	AGAACTTGTC AACACACTAGCAATAGCAGCATAATAAACACAACAAGT	-
recpsbAr	CTTGTGTGTTTATTATGCTGCTATTGCTAGTGTGTTGACAAGTTCT	-
psbArec	ACTTGTGTGTTTATTATGCTGCTA	-

In bold restriction sites used for cloning.