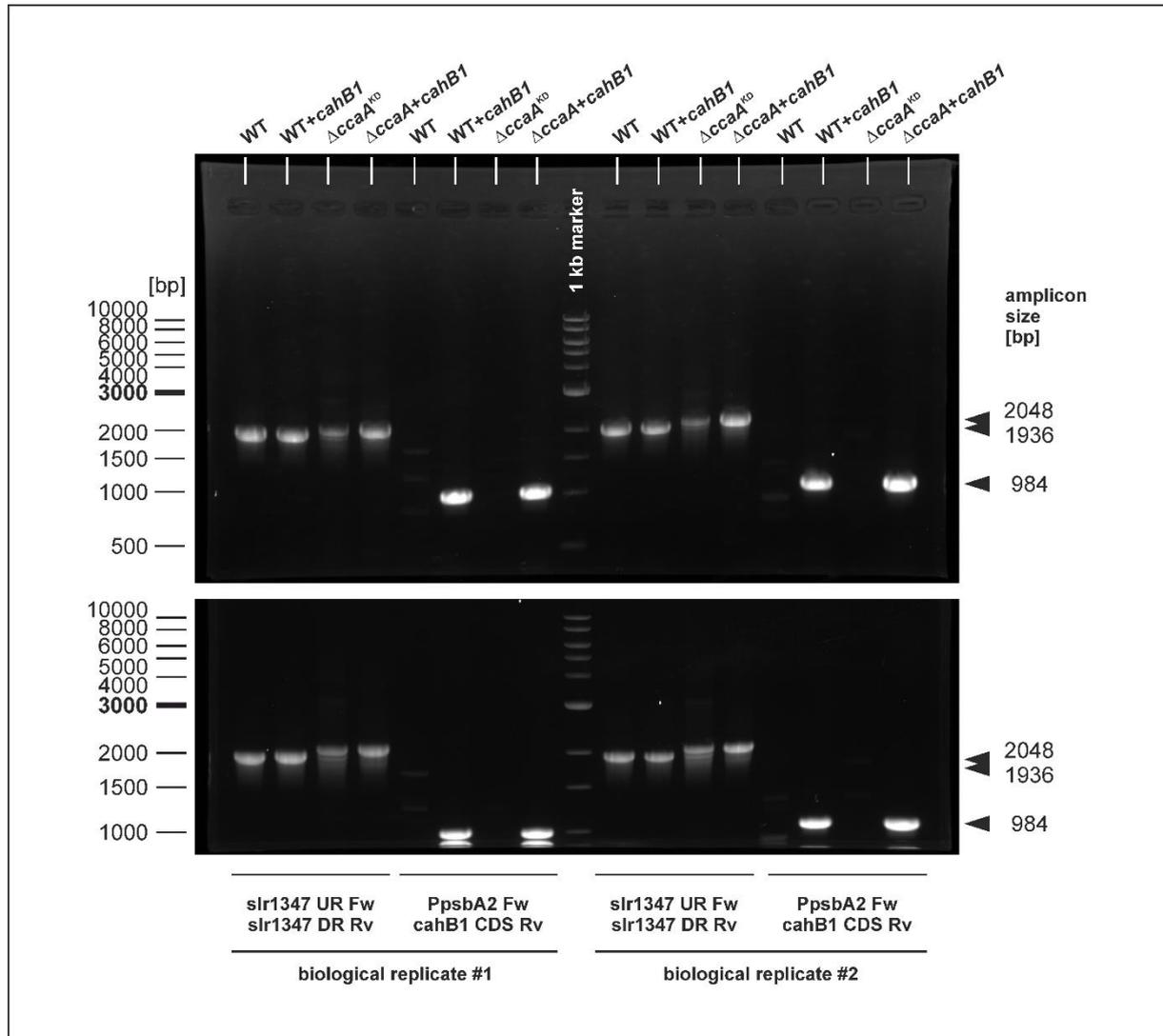


## Supplementary Materials File S4

### Original Images for Blots and Gels

#### Concerning Figure 1 c:

Genotyping PCR gels *ccaA* locus and *PpsbA2:cahB1* expression construct amplicons. Original and unadjusted gels showing two technical replicates (top/bottom) of two biological replicates (left-right) are provided.



### Concerning Figure 3 b/c:

Coomassie brilliant blue (CBB) stained PVDF membranes and immunoblot ECL (enhanced chemi-luminescence) detection of RbcL, CahB1, and PsbA (after re-probing the CahB1 segments of the membranes).

Original and unadjusted blot images showing results for total (T), soluble (S), pelletable (P), solubilizable (P<sub>S</sub>) and insolubilizable (P<sub>I</sub>) pelletable (sub-) fractions of *Synechocystis* cells. Three biological replicates of WT (top-left), WT+*cahB1* (top-right),  $\Delta$ *ccaA*<sup>KD</sup> (bottom left), and  $\Delta$ *ccaA*+*cahB1* are provided.

