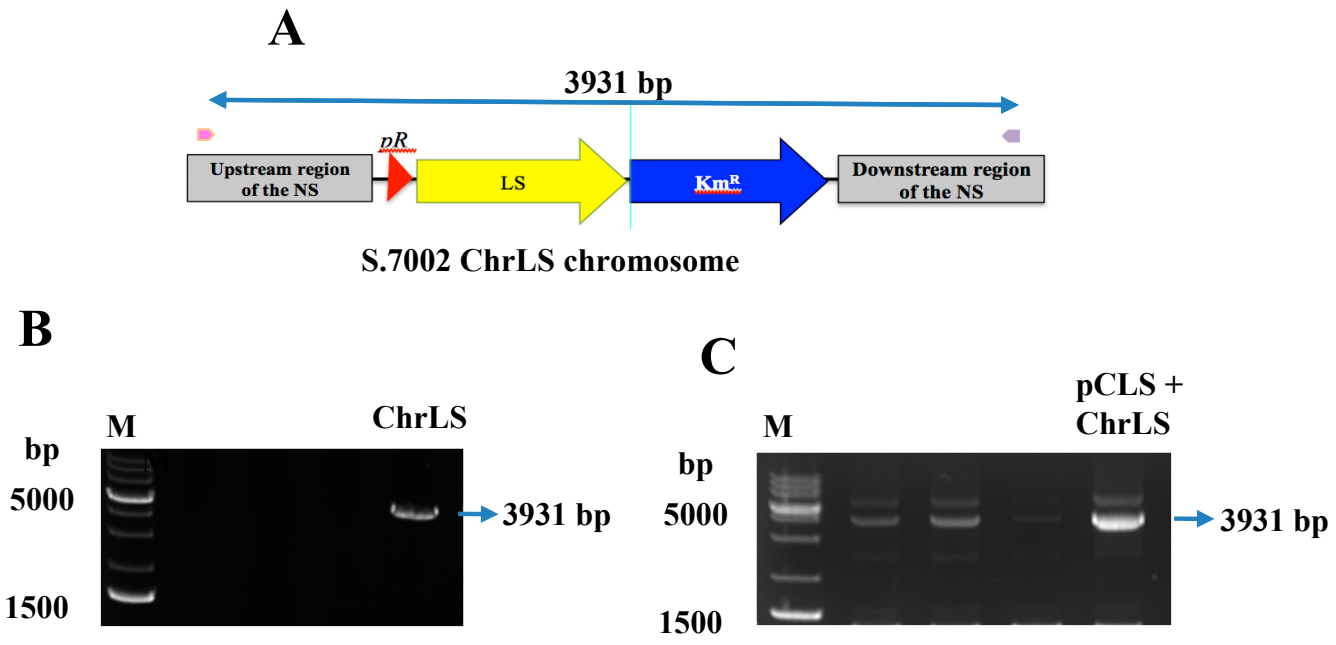

Figure S7. PCR verification of the presence of the pR-LS-Km^R cassette inserted inside the neutral chromosomal site (NS_{7002}) of *Synechococcus* PCC 7002.

(**A**) Schematic representation of the pR-LS-Km^R DNA cassette integrated in the NS_{7002} chromosomal site of S.7002. Genes are represented by wide shapes colored in yellow (limonene synthase gene, LS), grey (NS_{7002} flanking regions), blue (Km^R marker) or red (*pR* promoter). PCR primers and the resulting 3931 bp DNA product are indicated by colored arrows.

(**B**) Typical UV-light image of the agarose gel showing the 3931 bp PCR product of the ChrLS strain harboring the pR-LS-Km^R DNA cassette in the NS_{7002} neutral chromosome site of otherwise WT cells of S.7002. Size marker (M) = Genruler 1 kb Plus DNA Ladder (Thermofisher).

(**C**) Typical 3931 bp PCR product of the pCLS+ChrLS strain harboring the pR-LS-Km^R DNA cassette in the NS_{7002} site of S.7002 cells propagating the pCLS plasmid. M = Generuler 1 kb Plus DNA Ladder (Thermofisher).