Supporting Information

Single-Stage Astaxanthin Production Enhances the Nonmevalonate Pathway and Photosynthetic Central Metabolism in *Synechococcus* sp. PCC 7002

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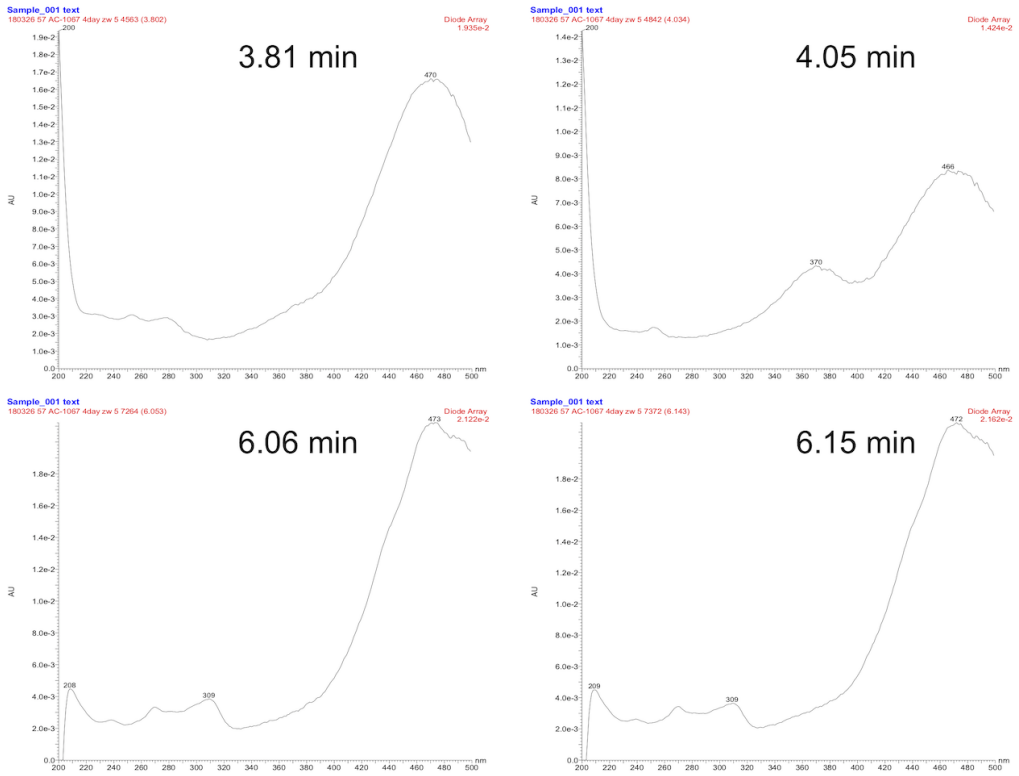
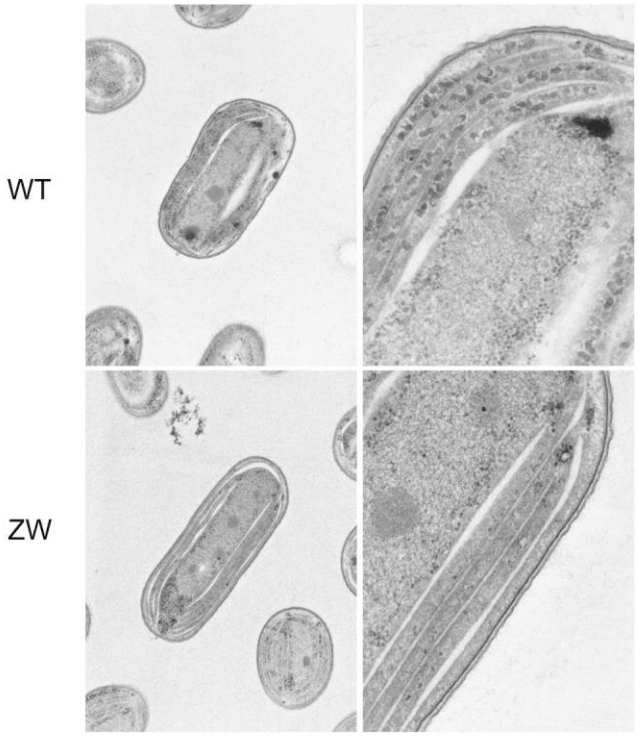


Supplementary Figure S1. Ultraviolet-visible absorption spectra of UPLC-PDA chromatogram peaks from ZW cell extracts, observed at 3.81, 4.05, 6.06 and 6.15 min.



Supplementary Figure S2. Transmission electron micrographs of ZW and WT strains cultivated for 96 h under 400 μmol photons/m^2/ s light intensity and 4% CO_2 conditions. Scale bars = 5 μm.