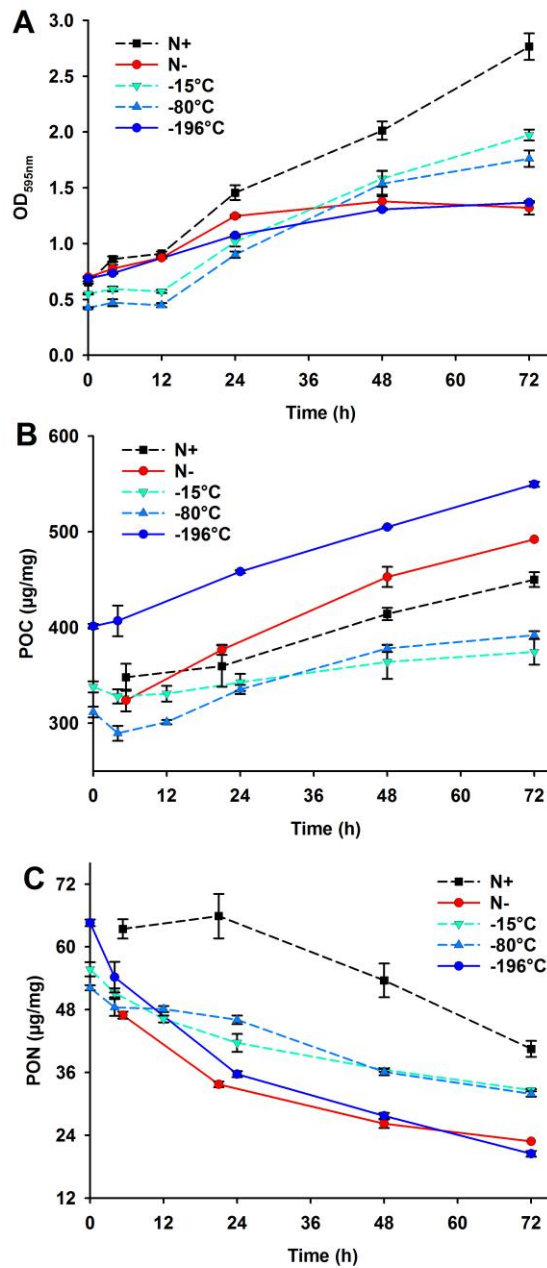


Effects of cryopreservation on viability and functional stability of an industrially relevant alga

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Supplementary Figure S1. Mean \pm standard error of A) optical density, B) particulate organic carbon (POC) and C) particulate organic nitrogen (PON) of the *C. vulgaris* in Phase 2 growth. -15°C treated (inverted turquoise triangle and dashed line), -80°C treated (pale blue triangle and dashed line) and -196°C treated (dark blue circle and straight line) populations are shown along with controls before cryopreservation treatments under nitrogen free conditions (N-, red circle and straight line) and nitrogen replete conditions (N+, black square and dashed line).