

Figure S1 Growth rate curves of the reference strain IL and D1 random mutants of *C. reinhardtii* selected for their PSII long-term stability under oxidative stress-related conditions. The time course of cell culture growth were followed for a period of 88 h under growth conditions by measuring: **A)** culture optical density (OD_{750}) and **B)** total chlorophyll content ($\mu\text{g mL}^{-1}$). Average values from four different cultures are presented, $\pm\text{SE}$, $n=4$.

