

Strain ID	Taxon identity	Initial avg.	Final avg.	% Initial, 24 hrs
ASIB-IB-37	<i>Deuterostichococcus tetrallantoideus</i>	0.54 ± 0.03	0.20 ± 0.34	36.64
J1303	<i>Deuterstichococcus deasonii</i>	0.49 ± 0.04	0.27 ± 0.28	54.79
SAG 11.88	<i>Diplosphaera epiphytica</i>	0.51 ± 0.00	0.24 ± 0.25	47.28
SAG 2481	<i>Protostichococcus edaphicus</i>	0.38 ± 0.05	0.16 ± 0.20	42.57
SAG 380-1	<i>Pseudostichococcus monallantoides</i>	0.52 ± 0.02	0.28 ± 0.23	53.03
CALU 1142	<i>Pseudostichococcus undulatus</i>	0.57 ± 0.02	0.17 ± 0.13	29.92
LB 1820	<i>Pseudostichococcus sequoieti</i>	0.55 ± 0.02	0.24 ± 0.27	43.07
CCAP 379/1A	<i>Stichococcus bacillaris</i>	0.46 ± 0.04	0.25 ± 0.20	53.38
SAG 56.91	<i>Stichococcus bacillaris</i>	0.49 ± 0.01	0.39 ± 0.25	78.31
J1302	<i>Tetratostichococcus jenerensis</i>	0.40 ± 0.02	0.18 ± 0.12	46.43
SAG 2406	<i>Tritostichococcus solitus</i>	0.55 ± 0.02	0.20 ± 0.30	35.90

Tab. S2. The average recovery of Y(II) values at 24 hours per strain, expressed as a percentage of initial Y(II). Averages over three experimental replicates per strain were taken. Higher recovery percentages indicate less damage to the photosynthetic apparatus.