



Figure S6. Effect of successive color shifts on the kinetics of chromatic acclimation in *Synechococcus* sp. BL107. (A) Effects of the time of BL acclimation on the delay of CA4 initiation, as assessed by significant changes in the $Exc_{495:545}$ ratio. For this experiment, GL acclimated cultures were first shifted to BL and once they had reached the $Exc_{495:545}$ ratio in BL, they were shifted back to GL either immediately or after 1 or 3 days; (B) Two successive shifts from BL acclimated cultures. Cultures were shifted to GL and once they had reached minimal $Exc_{495:545}$ values, cultures were shifted back to BL immediately, or after 1 or 3 days. Finally, cultures were again shifted to GL once they had reached the maximal $Exc_{495:545}$ values.