PhANGs (seedlings) 100 **Time** Time Short Regulation LHCB3 Long 50 LHCB4.1 Regulation LHCB5 Up LHCA2 0 LHCA1 Down LHCB2.1 LHCB6 -50 LHCA3 **PSBW** PSBO1 -100 LHCB2.3 PSBQ-2 LHCA4 **PSBTN** LHCB2.2 LHCB4.2 RBCS1B RBCS2B **PSBQA** PSBP-1 **PSBY PSBX** PSBO2 FBA5 PRK **PSBR** LHCB4.3 FBA6 psbC PGK PSB28 psbB psbD

psbA