

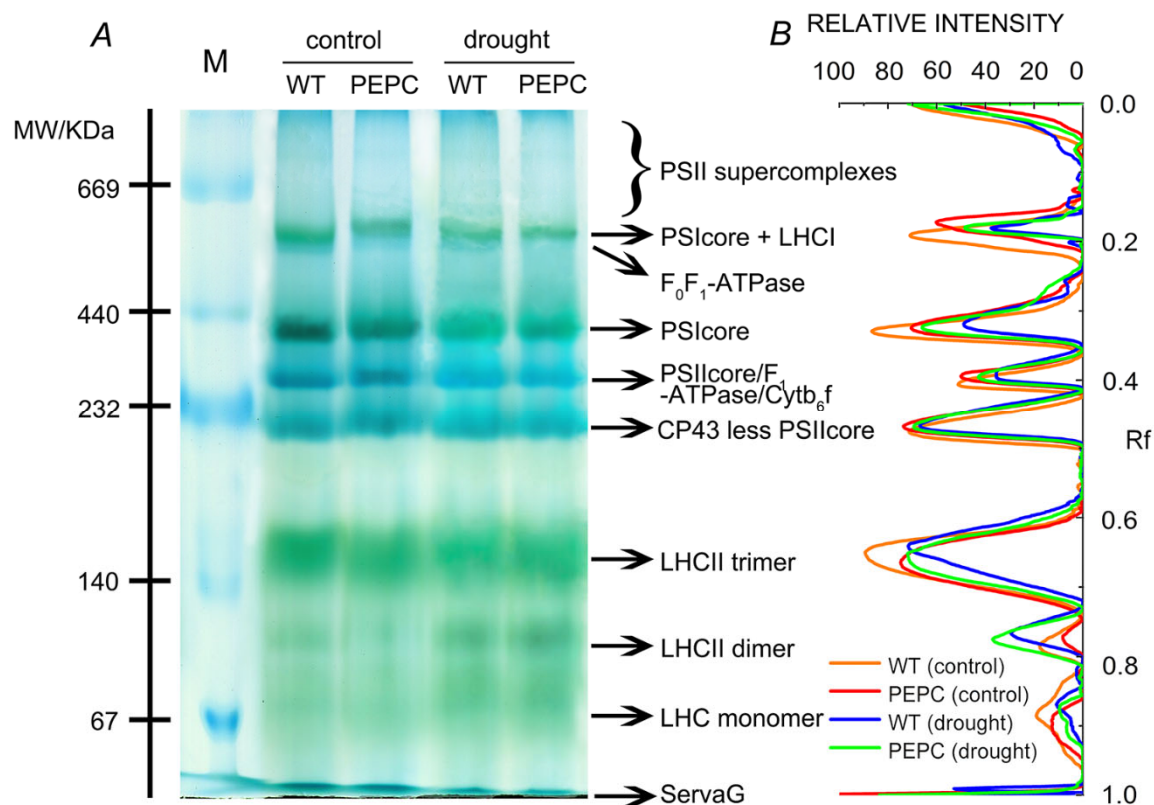


Fig. 2S. The effect of drought stress on protein complexes of the thylakoid membrane. Thylakoid membranes were extracted from wild type (WT) and PEPC-transformed (PEPC) rice grown under well-watered (control) and drought conditions for 5 days. (A) Protein complexes (20 μ g Chl) were solubilized with 1% dodecyl- β -D-maltoside and subjected to BN-PAGE electrophoresis. Molecular weight (MW) of HMW markers (M) was labeled on the left, and the nomenclature of the resolved bands was labeled on the right. (B) Quantitation of the complexes. The BN-gels were scanned and the optical density along each lane were quantified (*Quantity one*, *Bio-Rad*, USA) to determine the relative mobility (R_f) and abundance (integration of peak areas) of each band in (A).