

Figure a3. Fitting of the Soret region of LHCII absorption spectra from WT and *lut2.1*. Description of the Soret region were performed on the absorption (A, C) and excitation (B, D) spectra of purified, monomeric LHCII from WT (A, B) and *lut2.1* (C, D). Spectra of both complexes (solid line) are compared with the reconstituted spectra obtained as a sum of the bands of single pigments (dotted line). The spectra of individual pigments are also shown. Spectra were recorded at RT.

