



**Supplementary Figure S6. Histological analysis of shade-induced vascular patterning in wild type and *phyB-9* mutant plants.** **A**, Representative images of hypocotyl cross sections of 10-day old seedlings grown in both white light (WL) and shade (WL+FR) conditions. Pink colored areas mark the TE cells in the center of the vascular cylinder. **B**, Quantification of tracheary elements of one biological replicate. Plotted are averages +/- standard deviation, n=5-6.