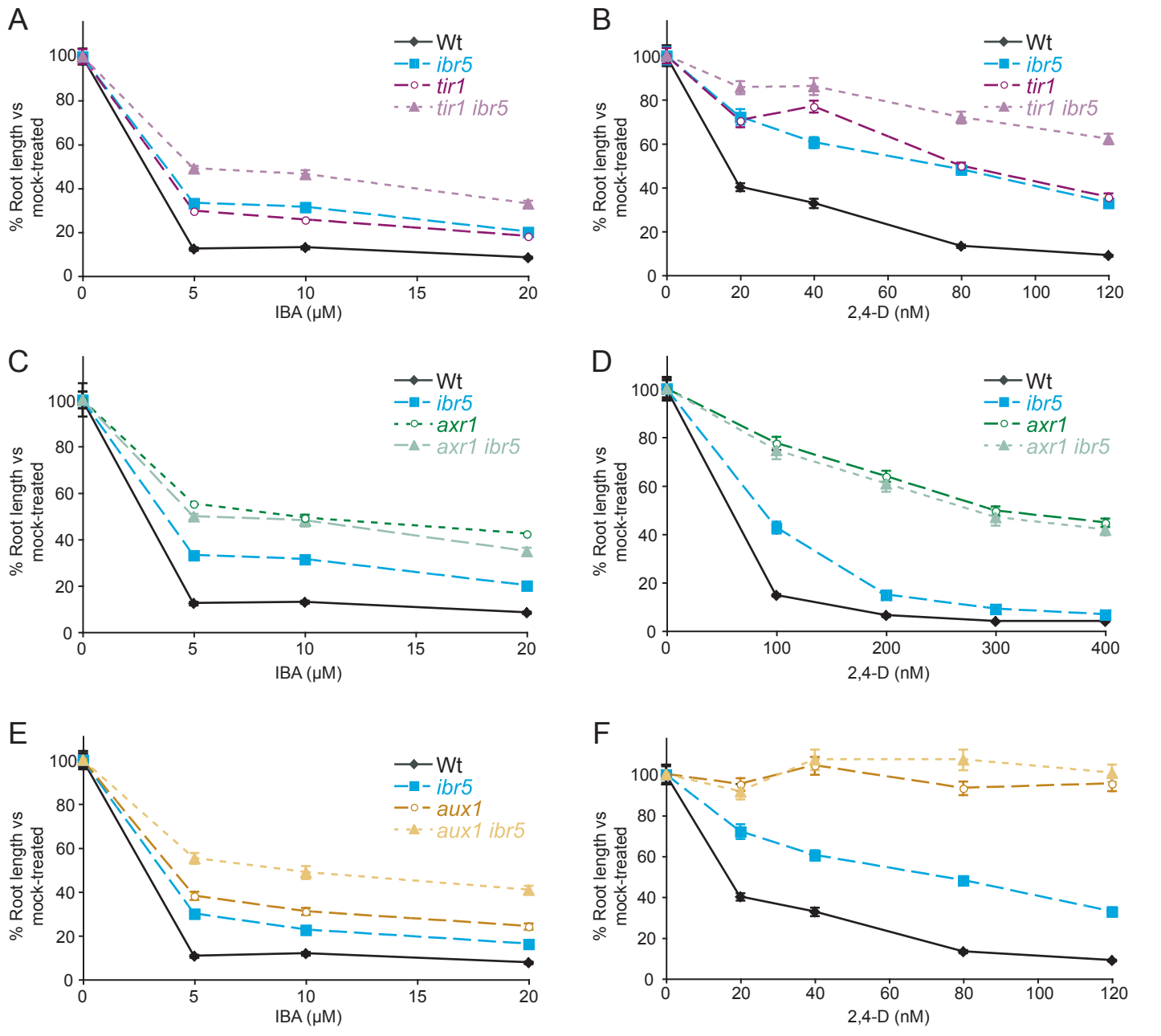

Additional File 1 - Normalized *ibr5* double mutant auxin response defects

Normalized primary root lengths of 8-day-old (A, B, D, E, F) or 9-day-old (C) Col-0 (Wt), *ibr5-1*, *tir1-1*, *tir1-1 ibr5-1*, *axr1-3*, *axr1-3 ibr5-1*, *aux1-7*, and *aux1-7 ibr5-1* seedlings grown under yellow-filtered light at 22 °C on medium supplemented with various concentrations of IBA (A, C, E) or 2,4-D (B, D, F). Root elongation data were normalized by comparing all root length values to the mean root length on mock-treated media and are presented as the percent root length of treated versus mock-treated. Panels A and B correspond to Figures 1C and 1D, respectively, from the main text. Panels C and D correspond to Figures 3C and 3D. Panels E and F correspond to Figures 4C and 4D. (A, B) *ibr5-1* enhances *tir1-1* auxin-response defects on IBA (A) and 2,4-D (B). Error bars represent standard errors of the means ($n \geq 18$). (C, D) *ibr5-1* does not enhance *axr3-1* auxin-response defects on IBA (C) or 2,4-D (D). Error bars represent standard errors of the means ($n \geq 15$). (E, F) *ibr5-1* enhances *aux1-7* auxin-response defects on IBA (E) but not on 2,4-D (F). Error bars represent standard errors of the means ($n \geq 16$).