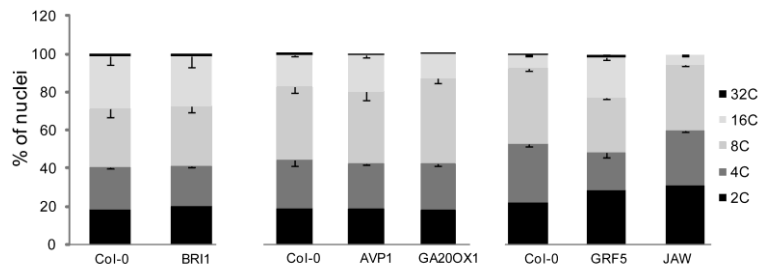


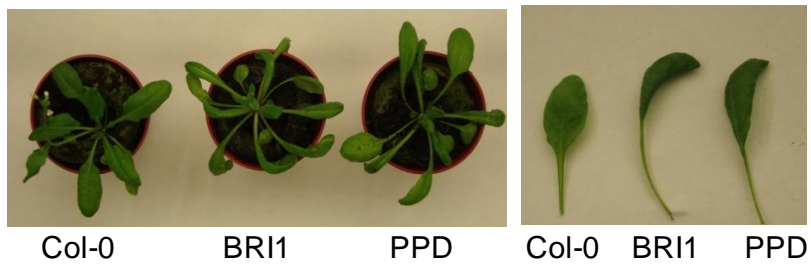
Supplemental Figure S1. Rosette leaf length and width of Col-0 and the five IYG lines.

Plants were grown in semi-hydroponic conditions (A and B) or in vitro (C and D) and harvested to make leaf series after 22 DAS. A and C, individual length of rosette leaves. B and D, individual width of rosette leaves. Averages \pm SD (n =8-12).



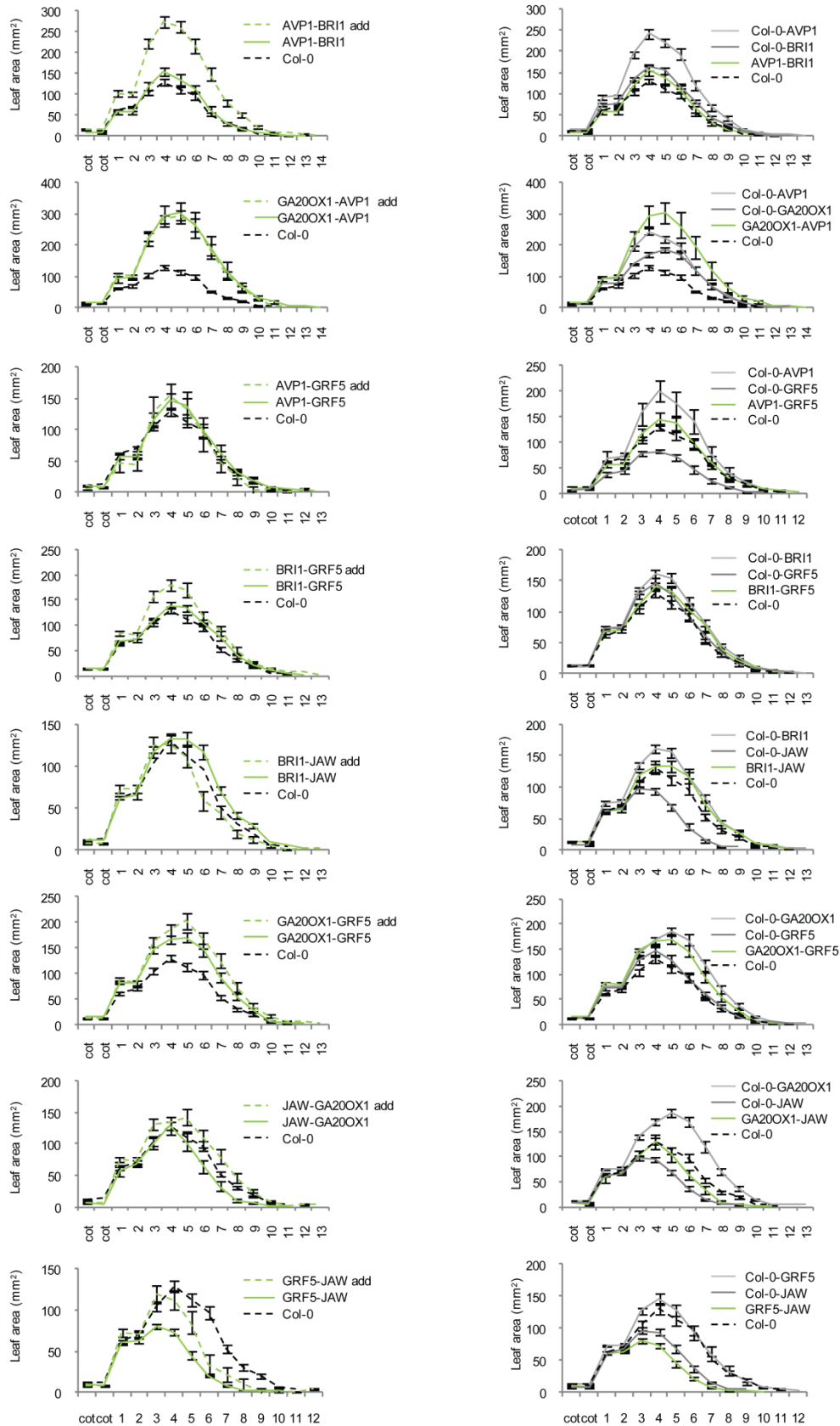
Supplemental Figure S2. Ploidy level in Col-0 and the five IYG lines.

Plants were grown in vitro (GRF5 and JAW) or in soil (AVP1, BRI1 and GA20OX1) and leaves 1 and 2 (BRI1, GRF5 and JAW) or leaves 6 (AVP1 and GA20OX) were harvested for flow cytometry analysis. The percentages of nuclei containing 2C, 4C, 8C, 16C and 32C of DNA are shown. Averages \pm SD (n =5; *: p<0.05).



Supplemental Figure S3. Rosette phenotype of BRI1 and PPD lines.

Plants were grown for 28 days in soil. Pictures of an individual leaf of Col-0, BRI1, and PPD plants.



Supplemental Figure S4. Effect of combined pairs of two IYGs on leaf area.

Leaf series were harvested from 22-day-old plants grown in soil and the area of individual leaves was measured. Values are averages \pm SE (n = 10-14).