



S3 Fig. Phenotypes of segregants.

A, B: Distributions of BGL activity among all segregants in **A**, Cross 1 and **B**, Cross 2. The green lines show best-fit normal distribution curves.

C, D: Comparison of normalized 4-NP absorbance (BGL secretion) measurements in initial phenotyping and re-phenotyping of segregants in **C**, Cross 1 and **D**, Cross 2. Red and green points denote inferior and superior segregants, respectively.

E, F: Comparison of normalized cell density (OD600) measurements in initial phenotyping and re-phenotyping of segregants in **E**, Cross 1 and **F**, Cross 2. Red and green points denote inferior and superior segregants, respectively. Numerical data are listed in S1 Data.