

**Figure S3.** Quantile-quantile (Q-Q) plots from FarmCPU results. (A.) SH at the seedling stage, (B.) SFW at the seedling stage, (C.) SDW at the seedling stage, (D.) Fv/Fm at the seedling stage, (E.) SFW at the vegetative stage, (F.) SDW at the vegetative stage, (G.) RFW at the vegetative stage, (H.) RDW at the vegetative stage, (I.) LBS at the vegetative stage, and (J.) Fv/Fm at the vegetative stage.