



SUPPLEMENTARY FIGURE 8. Manhattan plots of GWAS for PN in full (full), *indica* (*ind.*) and *japonica* (*jap.*) populations at SY and CS. Red dots indicate $-\log_{10}(P \text{ value})$ of SNPs in GWAS when higher than the highest $-\log_{10}(P \text{ value})$ in 1000 permutations.