Supplementary Figure S2 Manhattan plots GEMMA single-trait GWAS in *P. cathayana*. *P-values* were transformed into −log₁₀ (*p*). Each dot represents a single nucleotide polymorphism (SNP), and SNPs above green lines passed bonferroni correction test ($P \leq 8.51 \times 10^{-8}$), while SNPs above grey lines are considered suggestive associations ($P \leq 1.70 \times 10^{-6}$).