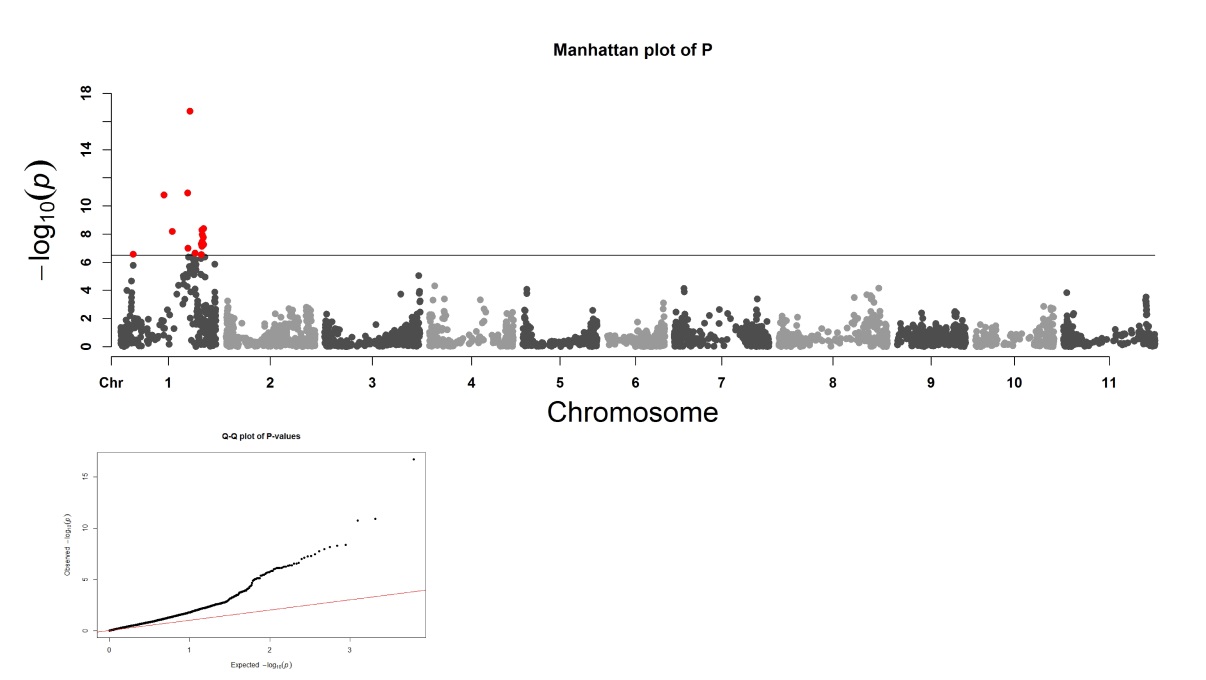
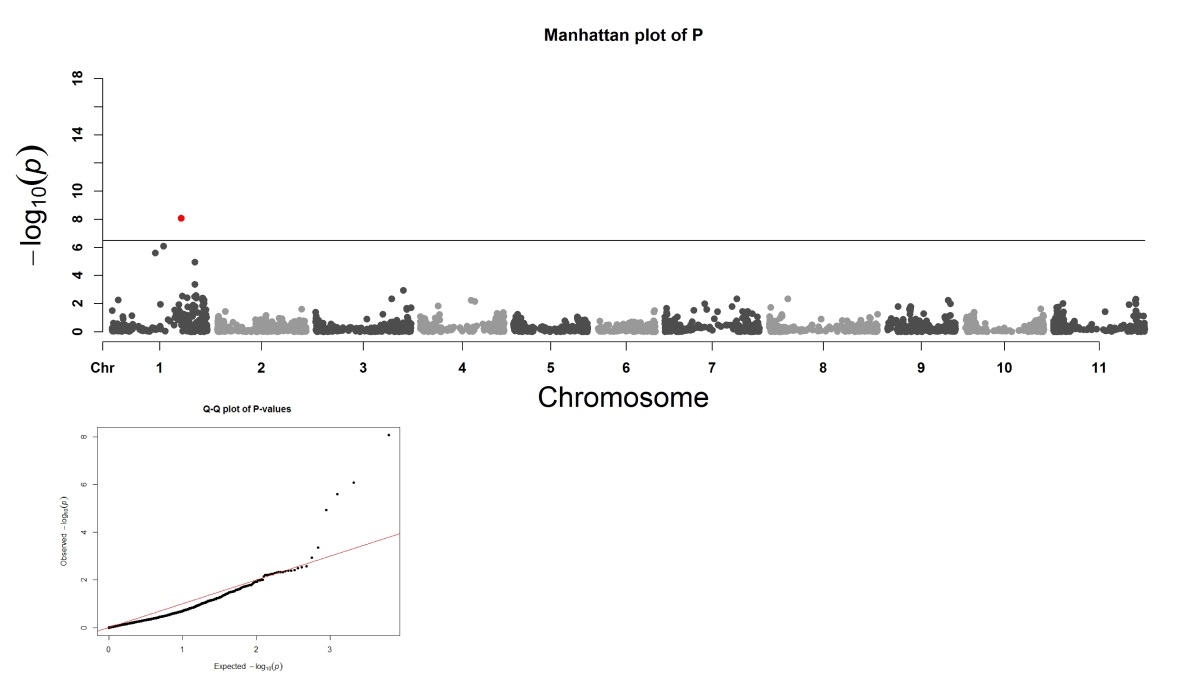
**Figure S4. Manhattan plots.** GWAS for determinacy run in the SDP genotyped with 3099 SNP. A) Manhattan and Q-Q plot plot obtained using GLM-GWAS B) Manhattan and Q-Q plot obtained using MLM-GWAS. Horizontal line is the Bonferroni cut-off for significance. Red points indicate the SNPs significantly associated to the morphological trait.

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1. GLM

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1. MLM