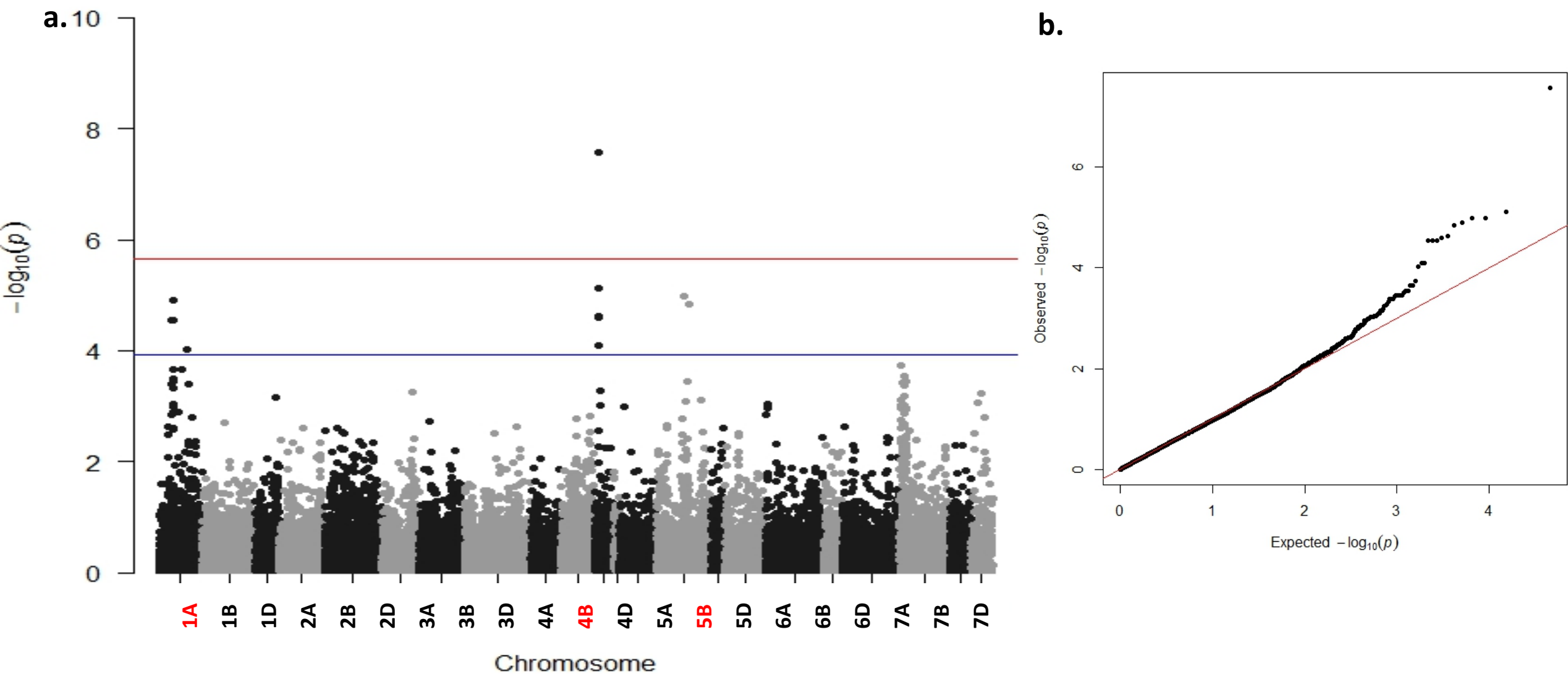




Supplementary Figure 4. a) Manhattan plot displaying SNP marker-trait association identified for plant height in GWAS using winter wheat lines. Redline is significance threshold of 5% Bonferroni correction and blue line is significance threshold of FDR. Chromosomes with names written in red are carrying SNPs significantly associated with plant height. b) Quantile-Quantile (QQ) plot used to evaluate the performance of the mixed linear model used for GWAS for plant height using mixed linear model (MLM+Q-matrix).