



Supplementary Fig. S3. Manhattan and QQ plots of the genome-wide association study for the fresh weight traits using FarmCPU models. a, c, e, g, i, k, l, m, n: Manhattan plots of the GWAS for different traits by using FarmCPU model; b, d, f, h, j, l, n, p: QQ plots of the GWAS for different traits by using FarmCPU model. Note: The definitions of abbreviations for each environmental trait (such as 2020_FW, 2021_1st_FW, 2022_Total_FW) are the same as those provided in Table 1.