

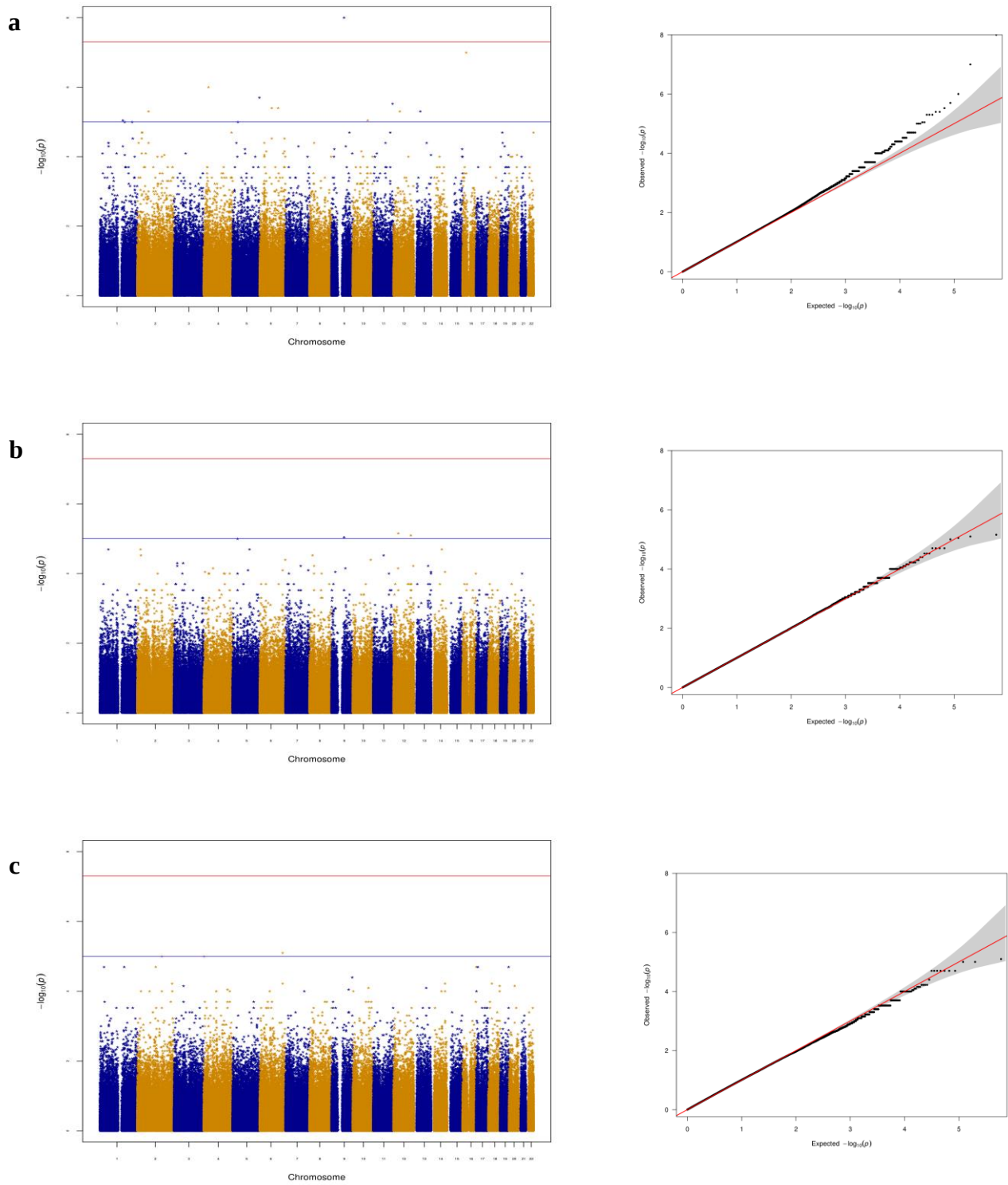


Figure S1: Manhattan and QQ plots for a) paternal parent-of-origin analysis; b) general test; c) maternal parent-of-origin analysis. In the Manhattan plots, the red line signifies genome-wide significance ($P=5 \times 10^{-8}$) and the blue line signifies the suggestive threshold ($P=10^{-5}$). The gray area in the QQ plots represents the 95% confidence interval.