

Manhattan plot showing the association of SNPs with a trait across a region of Chromosome 1. The x-axis represents the genomic position (215,388,741 to 238,580,695) and the y-axis represents the $-\log_{10}(p\text{-value})$ (0 to 14). A significant peak is observed at approximately 226,613,095, reaching a $-\log_{10}(p\text{-value})$ of about 13.5. Other smaller peaks are scattered across the region, with the highest being around 215,388,741 and 238,580,695.

238580695

Chromosome1:215388741-238580695