

A scatter plot showing the results of a genome-wide association study (GWAS) on chromosome 1. The y-axis represents the negative logarithm of the p-value ($-\log_{10}(p)$), ranging from 0 to 200. The x-axis represents the position on chromosome 1, with a bracket indicating a region of significant association. The plot shows a dense cluster of points at low $-\log_{10}(p)$ values, with a prominent peak at the top, marked by a blue dot, indicating a highly significant association.

The figure is a scatter plot with a logarithmic x-axis and a linear y-axis. The x-axis represents a parameter ranging from 10^{-12} to 10^{-6} . The y-axis represents a probability, ranging from 0.0 to 1.0. There are three data series: blue circles, yellow circles, and green circles. A vertical dashed line labeled 'results' is positioned at 10^{-7} . The blue series starts at 1.0 and decreases to approximately 0.75. The yellow series starts at 0.0 and increases to approximately 0.25. The green series remains near 0.0.