



Methylation UMAP plot

Figure 1: A Manhattan plot showing the results of a genome-wide association study (GWAS) for the number of T cells in the peripheral blood of patients with rheumatoid arthritis (RA). The x-axis represents chromosomes 1 through 22, X, and Y. The y-axis represents the negative logarithm of the p-value, ranging from -1.2 to 1.2. The plot shows a significant association on chromosome 12, with a peak at the CDK4 gene. Other significant associations are observed on chromosomes 1, 3, 7, 9, 10, 13, 15, 17, 19, 21, and 22. The plot is color-coded by chromosome, with blue for chromosomes 1-10 and red for chromosomes 11-22. A horizontal line at y = 0.05 indicates the significance threshold.