



Methylation UMAP plot

A Manhattan plot showing the results of a genome-wide association study (GWAS) across 22 chromosomes (chr1 to chr22) and X and Y chromosomes. The y-axis represents the negative logarithm of the p-value ($-\log_{10}(p\text{-value})$), ranging from -1.2 to 1.2. The x-axis represents the chromosomes. Red dots indicate significant SNPs, while blue dots indicate non-significant SNPs. A blue line represents the recombination rate. Several genes are labeled with black dots, indicating their association with the trait. The genes labeled are: NTRK1, MDW4, MYCN, VHL, MLH1, SOX2, OPA1, KIP1, EGFR, MET, CDKN2A, CDKN2B, NTRK3, PTEN, CDK4, MDW2, RB1, NUTM1, NTRK9, TP53, BRD4, NF2, and IL13RA2.