



Methylation UMAP plot

Close-up of UMAP for 209547740157_R01C01

Neighbors in UMAP for 209547740157_R01C01

Manhattan plot showing the distribution of $-\log_{10}(p\text{-value})$ for 15,000 genes across chromosomes 1 to 22, X, and Y. The y-axis ranges from -1.2 to 1.2. A blue line indicates the significance threshold. Genes with p-values below this threshold are labeled: NTRK1, MDMA, MYON, PDCD1, VHL, MLH1, SOX9, PDGFRA, MET, GDFR_vili, NTRK2, CDKN2A, PTEN, MDCK4, RB1, NUTM1, NTRK3, ERBB2, TP53, NF1, BRD4, NF2, and IL13RA2. A legend at the bottom right shows a blue line for 'Significant' and a red line for 'Not significant'.