



Methylation UMAP plot

Close-up of UMAP for 210711060067_R02C01

Neighbors in UMAP for 210711060067_R02C01

Category	Percentage
OB	33.3%
BR_CA	20%
MO	13.3%
CSA_CC	7%
MNG	7%
SFT_HMPC_MAL	7%
CSA_A	7%
MNG_BEN-3	7%

Manhattan plot showing the association of various genes with a trait across the human genome. The y-axis represents the negative log10(p-value), ranging from -1.2 to 1.2. The x-axis shows chromosomes from chr1 to chrY. Genes are labeled with black dots indicating their association. Significant genes include NTRK1, MYCN, PDGFRL, SOX2, PDGFRA, KIT, OPA1, MET, CD274, NTRK2, PTEN, CD44, CD44, RB1, NUTM1, NTRK3, TRPS1, ERBB2, BRD4, NF2, and IL13RA2. A blue line indicates the significance threshold.