Summarizing heatmap FDR-values: < 0.001 = ***, < 0.01 = **, < 0.1 = * Ds 1.0 0.5 Omics features 0.0 -0.5 -1.0 Confounding status confounded deconfounded

TNF_a-

Antibiotic -

NR2A.

Metadata variables

TNFR1