

84 DLPFC tissue sections

Combine Male & Female nuclei

Demultiplex Single-cells

Unsupervised Iterative Clustering

MDD snRNA-seq Integration

Differential Accessibility

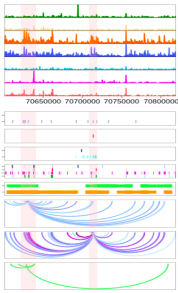
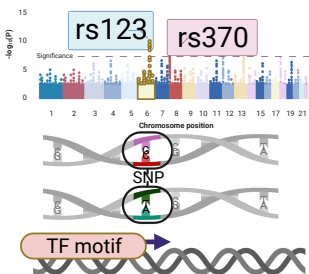
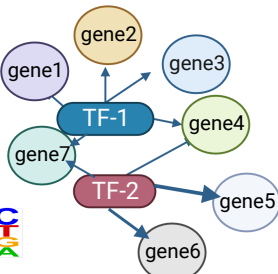
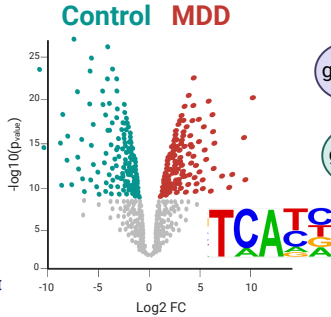
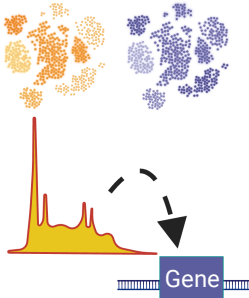
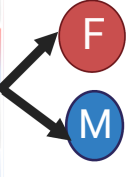
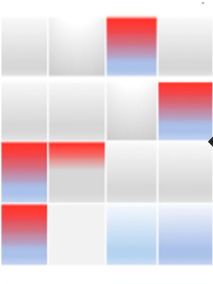
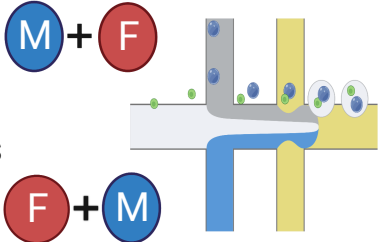
TF Gene-Regulatory Networks

Functional MDD GWAS SNPs

Multi-modal SNP characterization

44 MDD

40 Controls



- NeuN+/- ChIP-seq peaks
- NeuN+/- Hi-C loops
- snATAC-seq co-accessibility
- snRNA-seq peak-to-gene links