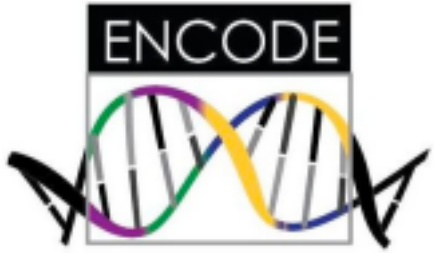


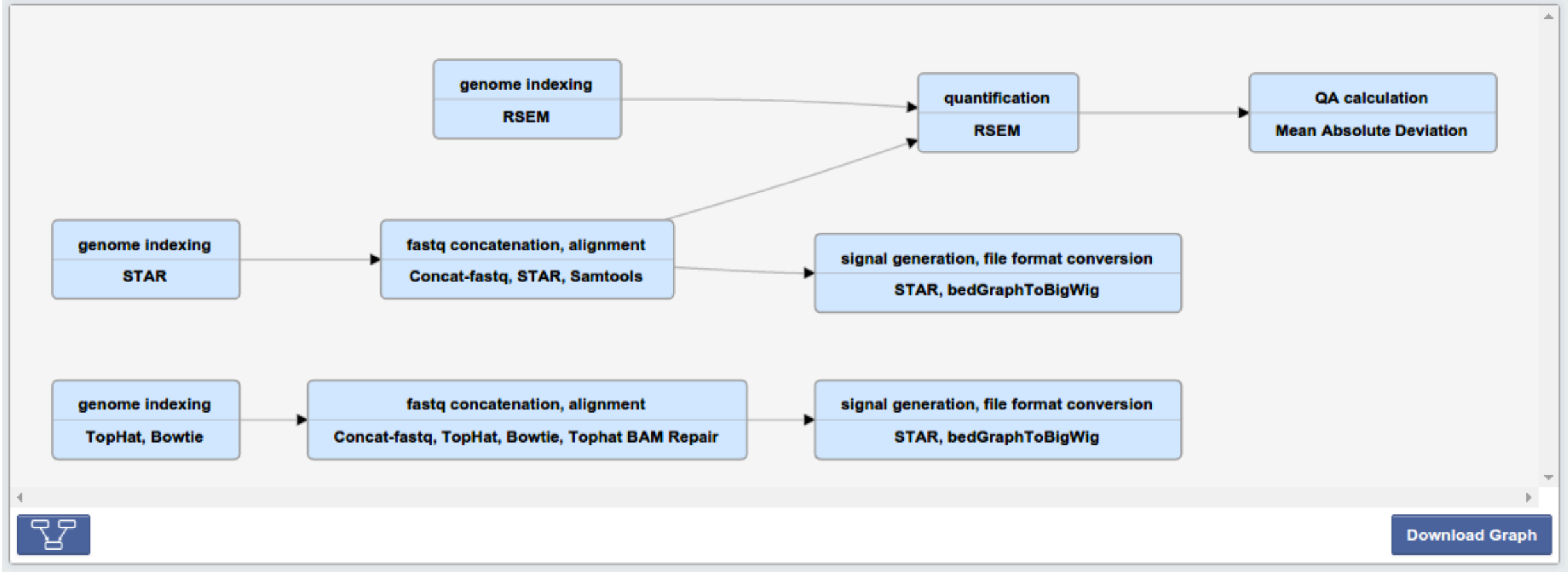
# RNA-Seq & ChIP-Seq pipelines for PsychENCODE

M Gerstein

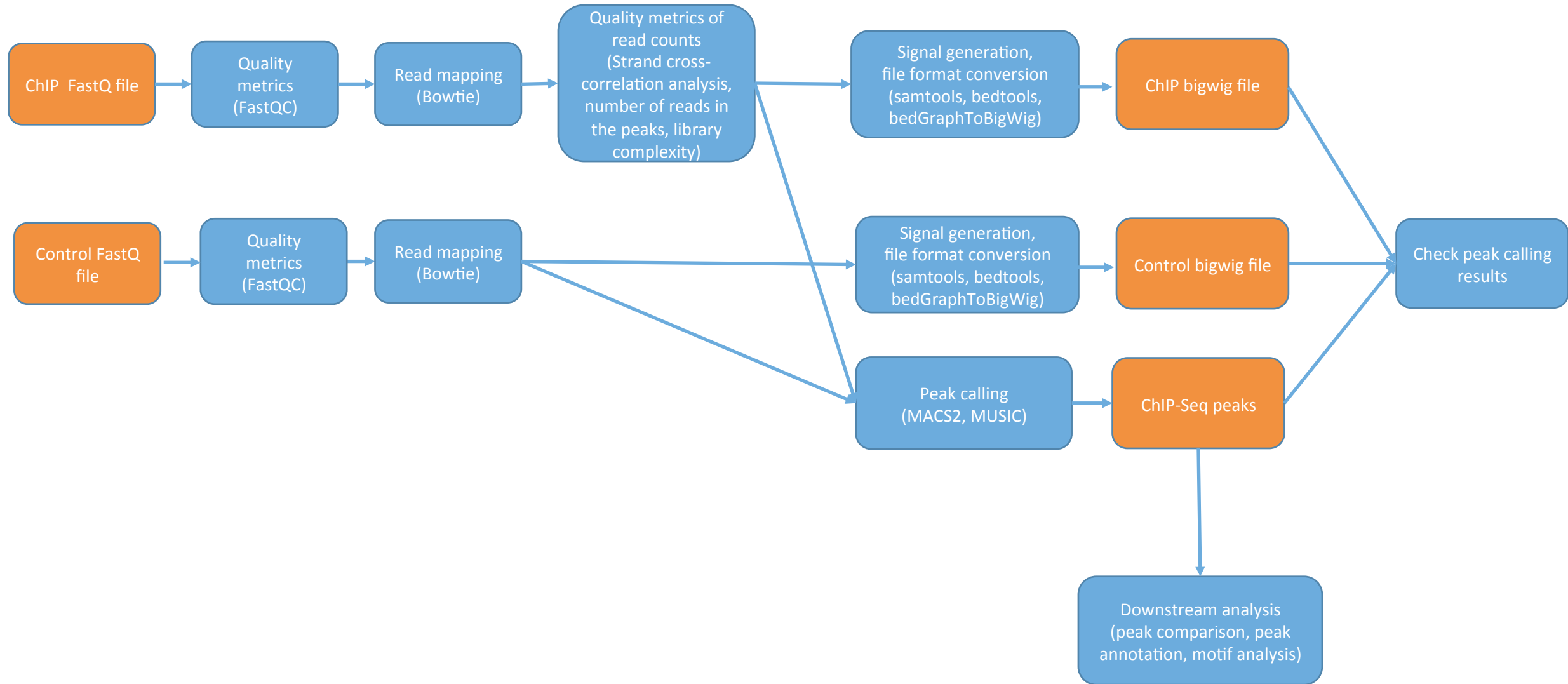


# RNA-Seq analysis pipeline

## Pipeline schematic

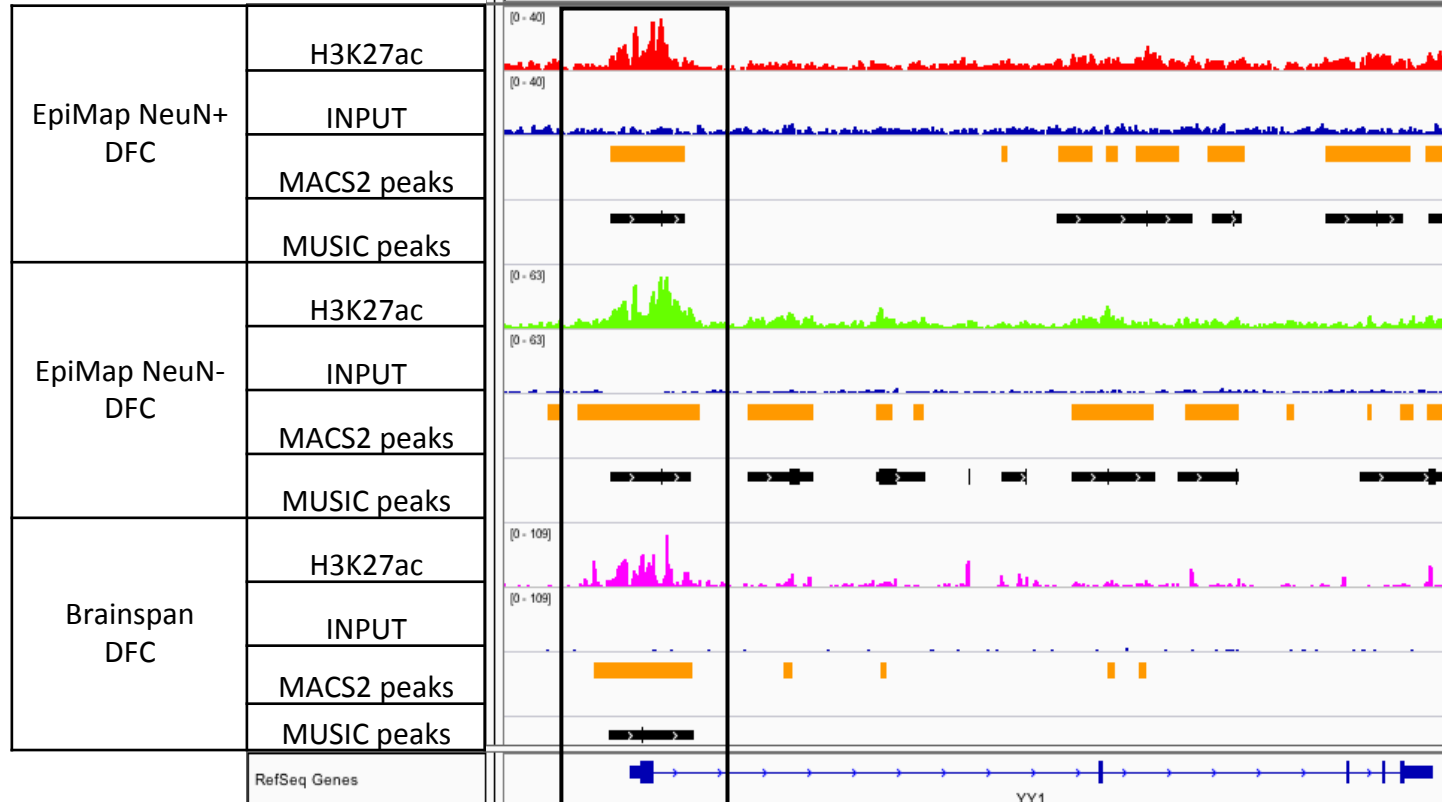
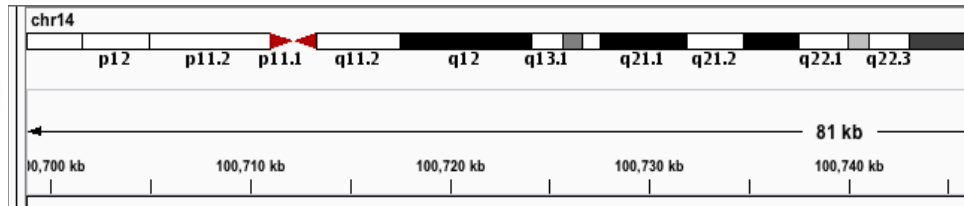
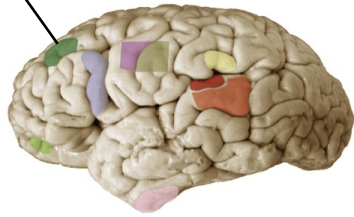


# ChIP-Seq analysis pipeline



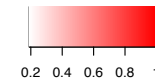
# Comparison of ChIP-Seq data across projects

Dorsolateral prefrontal cortex (DFC)\*

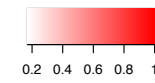
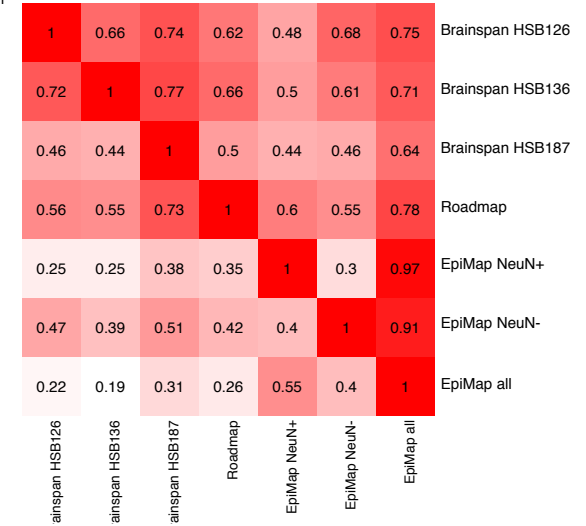


Peak overlap

\*Pletikos M, Sousa AM, Sedmak G, Meyer KA, Zhu Y, Cheng F, Li M, Kawasaki YI, Sestan N: Temporal specification and bilaterality of human neocortical topographic gene expression. *Neuron* 2014, **81**(2):321-332.



MACS2 DFC H3K27ac peak number overlap fraction



MUSIC DFC H3K27ac peak number overlap fraction

