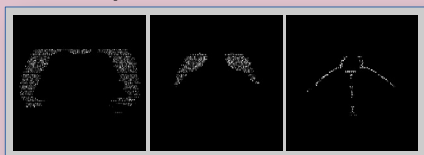


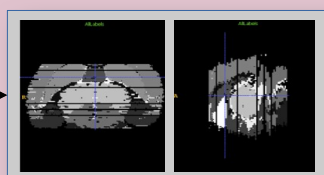
Input MERFISH



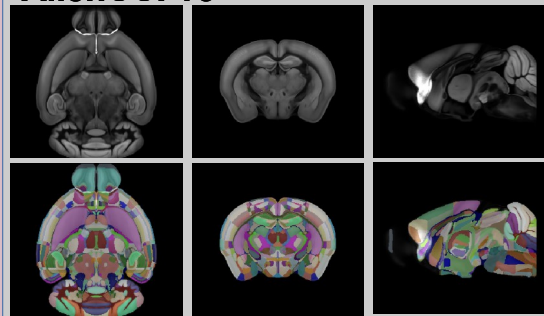
MERFISH anatomical labeling



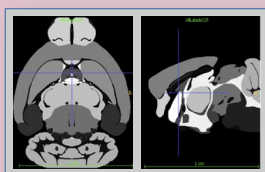
Conjoin anatomical labels



AllenCCFv3

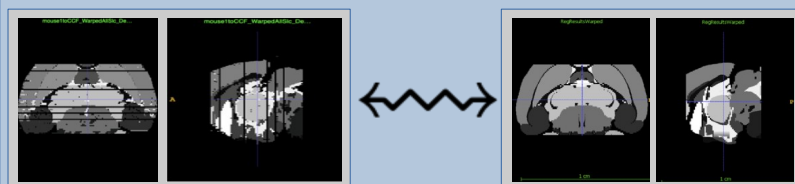


Ontological MERFISH-based simplification



Section and FOV matched

MERFISH/AllenCCFv3 mapping

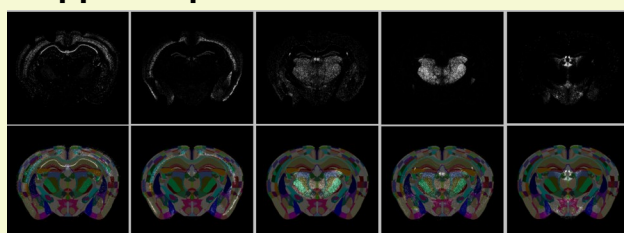


$\mathcal{T}_{AllenCCFv3}$

\mathcal{T}_{slice}

Apply mapping to gene expressions

Mapped expressions in AllenCCFv3



Igfbp4

Rprm

Cacng5

Prkcd

Calb2