

Goal: Assess allelic RNA expression in human brain

- A: identify allelic genes across brain regions
- B: identify correlates with neuropsychiatric disease

BrainSpan



5 adult brains
x16 regions (incl. DLPFC)

1: genotype + RNA-seq

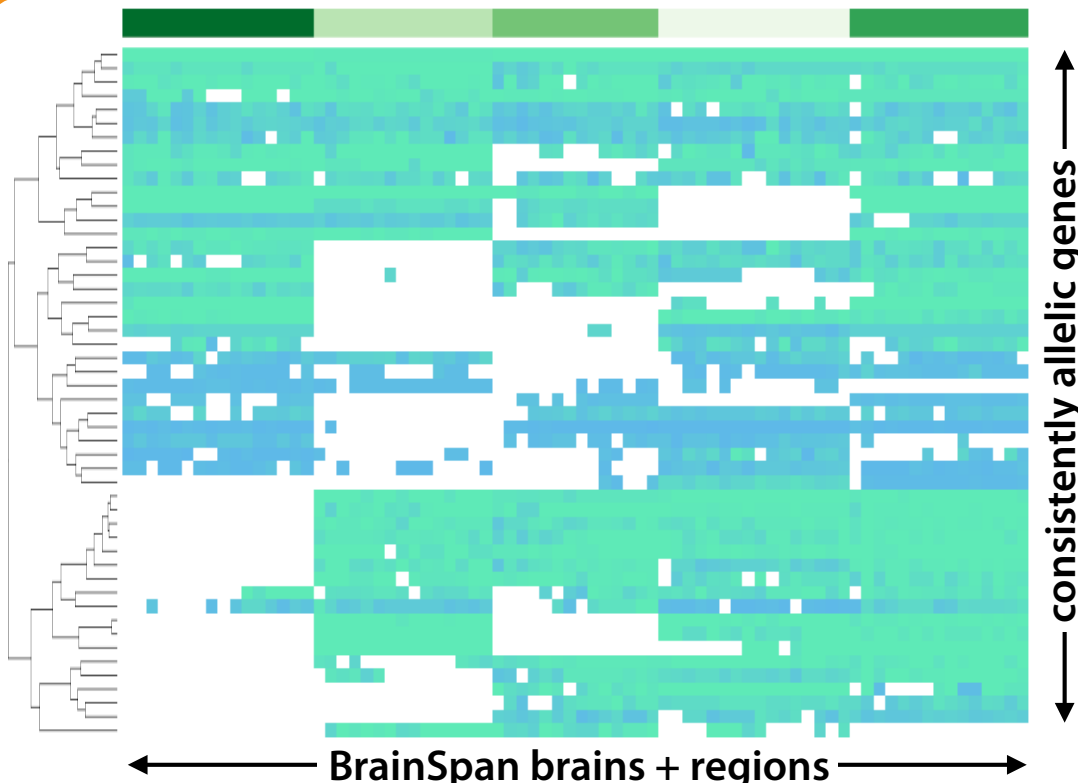
CommonMind

Dorsolateral Prefrontal Cortex

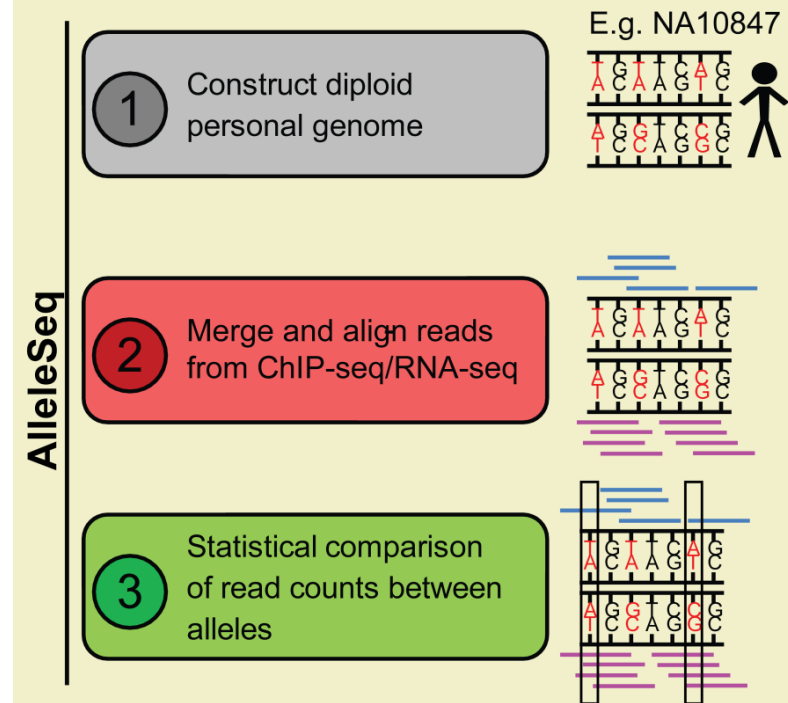
Public Data Release

	MSSM	Penn	Pitt	HBCC
RNAseq				
Genotype				
Clinical				

~600 adult brains
x5 phenotypes



3: identify consistently allelic genes across individuals and brain regions



2: construct personal genomes & run our AlleleSeq tool