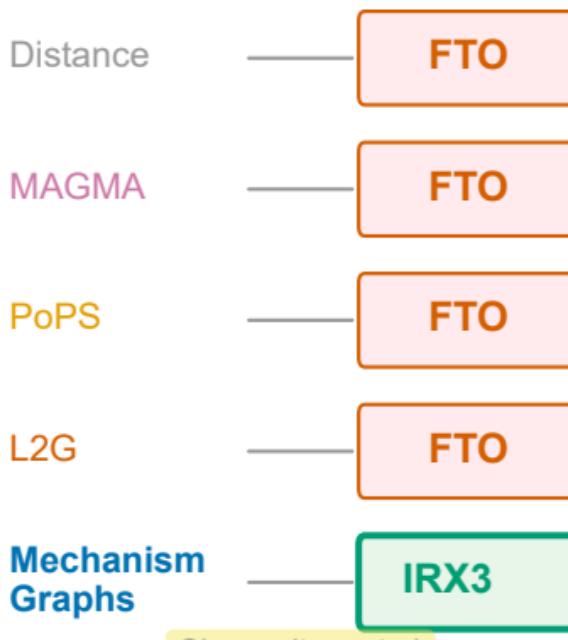


**a**

## FTO Locus Resolution

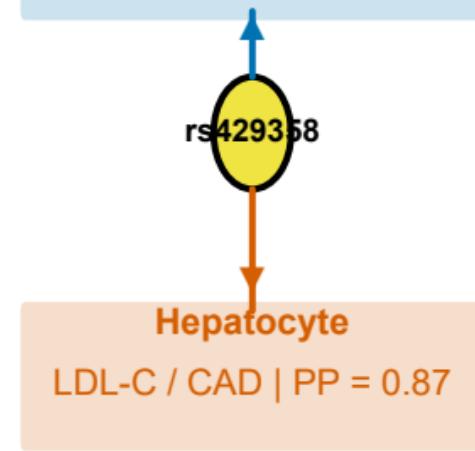
(Obesity/BMI)

**b**

## APOE Pathway Decomposition

(Same **Astrocyte/Microglia** tissues)

Alzheimer's Disease | PP = 0.94

**c**

## TCF7L2 Pleiotropy

(One variant → Multiple traits)

Pancreatic Islet **PP = 0.84**

Type 2 Diabetes

Adipose **PP = 0.67**

Lipid Levels

Liver **PP = 0.52**

Glucose Homeostasis

*Resolves mechanism  
for each trait separately*