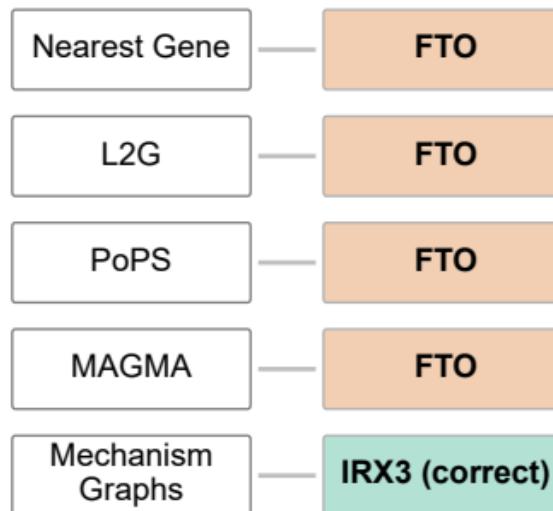


a

FTO Locus: A Decade of Misdirection Resolved



Validated by Claussnitzer et al.
(NEJM 2015, PMID: 26287746)

b

APOE: Tissue-Selective Pathways

Astrocyte/Microglia Pathway

PP = 0.94

Alzheimer's Disease

Hepatocyte Pathway

PP = 0.87

LDL-C / CAD

*Clinical Insight:
Tissue-targeted therapy possible*

c

TCF7L2: Pleiotropic Decomposition

Pancreatic Islet

Type 2 Diabetes

PP = 0.84

Adipose

Lipid Levels

PP = 0.67

Liver

Glucose Homeostasis

PP = 0.52

*Same variant → Different traits
through DIFFERENT tissues*