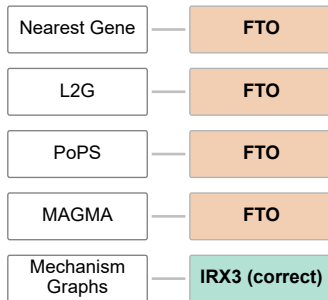


a

## 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*