

One gene variant contributes to two mental disorders

Schizophrenia and fragile X syndrome both can involve problems with cognitive function, and two studies published in *Nature Neuroscience* earlier on August 4 identify a gene that may underlie the neurodevelopmental problems associated with the diseases.

The gene, *topoisomerase 3?* (*TOP3?*), encodes an enzyme that interacts with FMRP, a protein that causes fragile X syndrome when mutated, and the researchers suspect that the proteins' interactions promote normal cognitive development.

Read the full, original story here: [Gene Spans Mental Disorders](#)