Drug Discovery & Development

Mouse Model of Alexander Disease (Model FVB.129S7 (Cg) Gfap tm3Mes)

WARF: P220169US01

Inventors: Albee Messing, Tracy Hagemann

The Invention

UW-Madison researchers have developed a mouse model of Alexander disease, designated FVB.129S7 (Cg) Gfap tm3Mes, that was engineered as a knock-in of the R76H point mutation in the Gfap gene. This is a missense mutation ('targeted mutation 3') homologous to those found in humans, in an FVB background; the R76H point mutation produces a weaker phenotype than the R236H mutation used in P220165 and P220167.

Tech Fields

- Drug Discovery & Development : Disease models
- Drug Discovery & Development : Preclinical testing
- Research Tools : Animal & disease models

For current licensing status, please contact Jennifer Gottwald at jennifer@warf.org or 608-960-9854