



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

**WARF: P220169US01**

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### 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](#)

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