



Q54 Mouse Model of Epilepsy Caused by Dominant Mutation of Sodium Channel Scn2a

TECHNOLOGY NUMBER: 4077



INNOVATION

We generated a transgenic mouse expressing a mutated Scn2a cDNA construct in neurons. The mice have seizures whose severity is dependent on strain background; mild on C57BL/6J and severe on SJLJ. The phenotype of the mice resembles human temporal lobe epilepsy.

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Category

Research Tools and Reagents

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