Mouse Models SCA19/22 Publication

Kcnd3 KO mice

IDENTIFICATION

Causal gene(s)	KCND3
Repeat size or mutation	Knockout of Kcnd3
Animal model	Mouse

MODEL DETAILS

Mouse strain / background	C57BL/6J
Type of model	Knockout

PHENOTYPE

Hallmark features	No SCA phenotype

SOURCE & PUBLICATIONS

Originating lab / institution	National Yang Ming Chiao Tung University
Links to publications or public resources	A dominant negative Kcnd3 F227del mutation in mice causes spinocerebellar ataxia type 22 (SCA22) by impairing ER and Golgi functioning - PubMed https://pubmed.ncbi.nlm.nih.gov/39562497/