Mouse Models SPG7 Publication

eSpg7 KO

IDENTIFICATION

Causal gene(s)	SPG7
Repeat size or mutation	Spg7 and Afg3l1 full body knockout
Animal model	Mouse

MODEL DETAILS

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

PHENOTYPE

Progression	Progressive
Hallmark features	Progressive spastic-ataxia, degeneration of axons in spinal cord and cerebellum, mitochondrial abnormalities

SOURCE & PUBLICATIONS

Originating lab / institution	University of Cologne
Links to publications or public resources	SARM1 deletion delays cerebellar but not spinal cord degeneration in an enhanced mouse model of SPG7 deficiency - PubMed https://pubmed.ncbi.nlm.nih.gov/37086482/