Mouse Models SPG7 Publication

Spg7-/- mice

IDENTIFICATION

Causal gene(s)	SPG7
Repeat size or mutation	Spg7 homozygous knockout
Animal model	Mouse

MODEL DETAILS

Mouse strain / background	C57BL/6-129Sv
Type of model	Knockout

PHENOTYPE

Progression	Progressive
Hallmark features	Loss of body weight, scoliosis, abnormal gait, motor impairment, distal axonopathy, mitochondrial abnormalities, delay of retrograde transport

SOURCE & PUBLICATIONS

Originating lab / institution	Telethon Institute of Genetics and Medicine
Links to publications or public resources	Axonal degeneration in paraplegin-deficient mice is associated with abnormal mitochondria and impairment of axonal transport - PubMed https://pubmed.ncbi.nlm.nih.gov/14722615/