Mouse Models MSA/OPCA Publication

PDGF-ß-EGFP-?-Syn transgenic mouse

IDENTIFICATION

Causal gene(s)	Sporadic
Repeat size or mutation	expressing a stable enhanced green fluorescent protein (eGFP) tagged in the C-terminal site of a human (h)?-synuclein construct
Animal model	Mouse

MODEL DETAILS

Mouse strain / background	C57BL/6xDBA/2 F1
Type of model	Transgenic

TRANSGENIC CONSTRUCT

Transgenic construct: sequence type	cDNA for human ?-synuclein expression
Transgenic construct: details	eGFP was fused to the C-terminal site of h?-synuclein
Promoter: gene	PDGF-ß
Promoter: species	Human

SOURCE & PUBLICATIONS

Originating lab / institution	University of California
Links to publications or public resources	Lysosomal pathology associated with alpha-synuclein accumulation in transgenic models using an eGFP fusion protein - PubMed https://pubmed.ncbi.nlm.nih.gov/15765523/