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# alpha-TTP(+/-) mice

## IDENTIFICATION

Causal gene(s)	TTPA
Repeat size or mutation	Heterozygous Ttpa knock-out mice
Animal model	Mouse

## MODEL DETAILS

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

## TRANSGENIC CONSTRUCT

Transgenic construct: details	Targeting vector where the entire exon 1 was replaced by a neomycin-resistance cassette
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## PHENOTYPE

Hallmark features	Lower plasma $\alpha$ -tocopherol levels,
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## SOURCE & PUBLICATIONS

Originating lab / institution	Chugai Pharmaceutical Co., Ltd.
Links to publications or public resources	Delayed-onset ataxia in mice lacking alpha -tocopherol transfer protein: model for neuronal degeneration caused by chronic oxidative stress - PubMed <a href="https://pubmed.ncbi.nlm.nih.gov/11752462/">https://pubmed.ncbi.nlm.nih.gov/11752462/</a>