Mouse Models FXTAS Publication

Fmr1 KO mice

IDENTIFICATION

Causal gene(s)	FMR1
Repeat size or mutation	Homozygous Fmr1 knockout
Animal model	Mouse

MODEL DETAILS

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

PHENOTYPE

Hallmark features	Macroorchidism, learning deficits, hyperactivity

SOURCE & PUBLICATIONS

Originating lab / institution	Erasmus University Rotterdam
Links to publications or public resources	Fmr1 knockout mice: a model to study fragile X mental retardation. The Dutch-Belgian Fragile X Consortium - PubMed https://pubmed.ncbi.nlm.nih.gov/8033209/