

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

Usp14^{ax-J}/Usp14^{ax-J}

RRID:MGI:3611318

Type: Organism

Proper Citation

RRID:MGI:3611318

Organism Information

URL:

Proper Citation: RRID:MGI:3611318

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: decreased post-tetanic potentiation, impaired synaptic plasticity, reduced long term potentiation, abnormal miniature endplate potential, abnormal cerebellar granule cell morphology, increased neuron apoptosis, decreased paired-pulse facilitation, increased synaptic depression, abnormal synaptic transmission, abnormal neurotransmitter secretion, decreased paired-pulse facilitation

Affected Gene: Usp14

Genomic Alteration: ax-J

Catalog Number: 3611318

Background: B6.Cg-Usp14/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10889334](#), [PMID:12368914](#), [PMID:18771733](#)

Organism Name: Usp14^{ax-J}/Usp14^{ax-J}

Record Creation Time: 20240120T190611+0000

Record Last Update: 20240130T202011+0000

Ratings and Alerts

No rating or validation information has been found for Usp14^{ax-J}/Usp14^{ax-J}.

No alerts have been found for Usp14^{ax-J}/Usp14^{ax-J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.