

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 13, 2026

[App^{tm3.1Tcs}/App^{tm3.1Tcs}](#)

RRID:MGI:5638675

Type: Organism

Proper Citation

RRID:MGI:5638675

Organism Information

URL:

Proper Citation: RRID:MGI:5638675

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

Species: Mus musculus

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

Phenotype: abnormal synapse morphology, abnormal learning/memory/conditioning, amyloidosis, astrocytosis, microgliosis, amyloid beta deposits

Affected Gene: App

Genomic Alteration: tm3.1Tcs

Catalog Number: 5638675

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24728269](#)

Organism Name: App^{tm3.1Tcs}/App^{tm3.1Tcs}

Record Creation Time: 20240120T190027+0000

Record Last Update: 20240130T201654+0000

Ratings and Alerts

No rating or validation information has been found for App^{tm3.1Tcs}/App^{tm3.1Tcs}.

No alerts have been found for App^{tm3.1Tcs}/App^{tm3.1Tcs}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Huang HX, et al. (2024) Mass spectrometry imaging highlights dynamic patterns of lipid co-expression with A β plaques in mouse and human brains. Journal of neurochemistry.