

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Hprt^{tm5\(Camk2a-BACE1\)Geno}/Hprt^{tm5\(Camk2a-BACE1\)Geno}](#)

RRID:MGI:5607316

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5607316

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

Species: Mus musculus

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

Phenotype: neurodegeneration, neuronal intranuclear inclusions, abnormal spatial working memory, abnormal spatial reference memory, short stride length, taste/olfaction phenotype, astrogliosis, decreased anxiety-related response, decreased body weight, hypoactivity, impaired social transmission of food preference, abnormal nervous system morphology, abnormal motor coordination/balance, abnormal habituation to a new environment

Affected Gene: Hprt

Genomic Alteration: tm5(Camk2a-BACE1)Geno

Catalog Number: 5607316

Background: B6.129P2-Hprt

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25100603](#)

Organism Name: Hprt^{tm5(Camk2a-BACE1)Geno}/Hprt^{tm5(Camk2a-BACE1)Geno}

Record Creation Time: 20240120T190038+0000

Record Last Update: 20240130T201700+0000

Ratings and Alerts

No rating or validation information has been found for Hprt^{tm5(Camk2a-BACE1)Geno}/Hprt^{tm5(Camk2a-BACE1)Geno}.

No alerts have been found for Hprt^{tm5(Camk2a-BACE1)Geno}/Hprt^{tm5(Camk2a-BACE1)Geno}.

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.