

Resource Summary Report

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

[Cers2^{Gt\(S16-4B1\)}Sor](#)/[Cers2^{Gt\(S16-4B1\)}Sor](#)

RRID:MGI:4421582

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4421582

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal trigeminal nerve morphology, abnormal hippocampal fimbria morphology, abnormal cerebellar granule layer morphology, abnormal myelin sheath morphology, abnormal brain white matter morphology, increased liver tumor incidence, abnormal lipid homeostasis, increased hepatocellular carcinoma incidence

Affected Gene: Cers2

Genomic Alteration: Gt(S16-4B1)Sor

Catalog Number: 4421582

Background: involves: 129S4/SvJaeSor * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19801672](#)

Organism Name: Cers2^{Gt(S16-4B1)}Sor/Cers2^{Gt(S16-4B1)}Sor

Record Creation Time: 20240120T190309+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Cers2^{Gt(S16-4B1)Sor}/Cers2^{Gt(S16-4B1)Sor}.

No alerts have been found for Cers2^{Gt(S16-4B1)Sor}/Cers2^{Gt(S16-4B1)Sor}.

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](#).

Saroha A, et al. (2017) Critical Role for Very-Long Chain Sphingolipids in Invariant Natural Killer T Cell Development and Homeostasis. *Frontiers in immunology*, 8, 1386.