

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Npas4^{tm2Meg}/Npas4^{tm2Meg}](#)

RRID:MGI:3828102

Type: Organism

Proper Citation

RRID:MGI:3828102

Organism Information

URL:

Proper Citation: RRID:MGI:3828102

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

Species: Mus musculus

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

Phenotype: abnormal miniature excitatory postsynaptic currents, abnormal inhibitory postsynaptic currents

Affected Gene: Npas4

Genomic Alteration: tm2Meg

Catalog Number: 3828102

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18815592](#)

Organism Name: Npas4^{tm2Meg}/Npas4^{tm2Meg}

Record Creation Time: 20240120T190400+0000

Record Last Update: 20240130T201857+0000

Ratings and Alerts

No rating or validation information has been found for Npas4^{tm2Meg}/Npas4^{tm2Meg}.

No alerts have been found for Npas4^{tm2Meg}/Npas4^{tm2Meg}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kim S, et al. (2021) Npas4 regulates IQSEC3 expression in hippocampal somatostatin interneurons to mediate anxiety-like behavior. Cell reports, 36(3), 109417.

Funahashi Y, et al. (2019) Phosphorylation of Npas4 by MAPK Regulates Reward-Related Gene Expression and Behaviors. Cell reports, 29(10), 3235.