

Resource Summary Report

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

[Syngap1^{tm1Rlh}/Syngap1⁺](#)

RRID:MGI:5469876

Type: Organism

Proper Citation

RRID:MGI:5469876

Organism Information

URL:

Proper Citation: RRID:MGI:5469876

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

Species: Mus musculus

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

Phenotype: hyperactivity, abnormal miniature inhibitory postsynaptic currents, nervous system phenotype, abnormal excitatory postsynaptic potential, increased susceptibility to pharmacologically induced seizures, abnormal glutamate-mediated receptor currents, abnormal miniature excitatory postsynaptic currents, audiogenic seizures, abnormal CNS synaptic transmission, abnormal dendrite morphology, abnormal discrimination learning, abnormal dendritic spine morphology, behavior/neurological phenotype, enhanced AMPA-mediated synaptic currents

Affected Gene: Syngap1

Genomic Alteration: tm1Rlh

Catalog Number: 5469876

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23141534](#)

Organism Name: Syngap1^{tm1Rlh}/Syngap1⁺

Record Creation Time: 20240120T190125+0000

Record Last Update: 20240130T201727+0000

Ratings and Alerts

No rating or validation information has been found for Syngap1^{tm1Rlh}/Syngap1⁺.

No alerts have been found for Syngap1^{tm1Rlh}/Syngap1⁺.

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.