

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Syngap1^{tm1Grnt}/Syngap1⁺](#)

RRID:MGI:3581300

Type: Organism

Proper Citation

RRID:MGI:3581300

Organism Information

URL:

Proper Citation: RRID:MGI:3581300

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

Species: Mus musculus

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

Phenotype: abnormal spatial learning, impaired synaptic plasticity, reduced long term potentiation

Affected Gene: Syngap1

Genomic Alteration: tm1Grnt

Catalog Number: 3581300

Background: involves: 129P2/OlaHsd * MF1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12427827](#)

Organism Name: Syngap1^{tm1Grnt}/Syngap1⁺

Record Creation Time: 20240120T190629+0000

Record Last Update: 20240130T202021+0000

Ratings and Alerts

No rating or validation information has been found for Syngap1^{tm1Grnt}/Syngap1⁺.

No alerts have been found for Syngap1^{tm1Grnt}/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.