

# Resource Summary Report

Generated by [dkNET](#) on Aug 15, 2026

## Syngap1<sup>tm1Grnt</sup>/Syngap1<sup>+</sup>

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<sup>tm1Grnt</sup>/Syngap1<sup>+</sup>

**Record Creation Time:** 20240120T190629+0000

**Record Last Update:** 20240130T202021+0000

---

## Ratings and Alerts

No rating or validation information has been found for Syngap1<sup>tm1Grnt</sup>/Syngap1<sup>+</sup>.

No alerts have been found for Syngap1<sup>tm1Grnt</sup>/Syngap1<sup>+</sup>.

---

## 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.