

# Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

## B6;129S5-*Tmem108*<sup>tm1Lex</sup>/Mmucd

RRID:MMRRC\_032633-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_032633-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=32633](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=32633)

**Proper Citation:** RRID:MMRRC\_032633-UCD

**Description:** Mus musculus with name B6;129S5-*Tmem108*<sup>tm1Lex</sup>/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: ; Mutation Type: Targeted Mutation ; Collection: Genentech

**Phenotype:** abnormal CNS synaptic transmission [MP:0002206]| reduced sensorimotor gating [MP:0002635]| abnormal excitatory postsynaptic currents [MP:0002910]| abnormal miniature excitatory postsynaptic currents [MP:0004753]| abnormal spatial working memory [MP:0008428]| decreased prepulse inhibition [MP:0009142]| impaired contextual conditioning behavior [MP:0009454]| abnormal dendritic spine morphology [MP:0009936]| abnormal hippocampus granule cell morphology [MP:0009938]| decreased excitatory postsynaptic current amplitude [MP:0011270]| abnormal dentate gyrus neuron dendrite morphology [MP:0020335]

**Affected Gene:** *Tmem108*

**Catalog Number:** 032633-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:20562862](#)

**Alternate IDs:** MMRRC\_32633-UCD, MMRRC\_032633, MMRRC\_32633

**Organism Name:** B6;129S5-*Tmem108*<sup>tm1Lex</sup>/Mmucd

**Record Creation Time:** 20230308T055130+0000

**Record Last Update:** 20260829T123427+0000

---

## Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Tmem108*<sup>tm1Lex</sup>/Mmucd.

No alerts have been found for B6;129S5-*Tmem108*<sup>tm1Lex</sup>/Mmucd.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.