

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

B6;129S5-*Tmem108*^{tm1Lex}/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

Proper Citation: RRID:MMRRC_032633-UCD

Description: Mus musculus with name B6;129S5-*Tmem108*^{tm1Lex}/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*^{tm1Lex}/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*^{tm1Lex}/Mmucd.

No alerts have been found for B6;129S5-*Tmem108*^{tm1Lex}/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.