

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

B6.129S6-Syn3^{tm1Pggd}/Mmjax

RRID:MMRRC_041435-JAX

Type: Organism

Proper Citation

RRID:MMRRC_041435-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41435

Proper Citation: RRID:MMRRC_041435-JAX

Description: Mus musculus with name B6.129S6-Syn3^{tm1Pggd}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal social investigation [MP:0001360]| abnormal excitatory postsynaptic currents [MP:0002910]| increased synaptic depression [MP:0002916]| abnormal inhibitory postsynaptic currents [MP:0002945]| delayed axon extension [MP:0002946]| impaired social transmission of food preference [MP:0002969]| decreased aggression towards mice [MP:0003863]| tonic-clonic seizures [MP:0003997]| abnormal brain wave pattern [MP:0004994]| environmentally induced seizures [MP:0009358]

Affected Gene: Syn3

Catalog Number: 041435-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12040043](#)

Alternate IDs: MMRRC_41435-JAX, MMRRC_041435, MMRRC_41435

Organism Name: B6.129S6-Syn3^{tm1Pggd}/Mmjax

Record Creation Time: 20230308T055218+0000

Record Last Update: 20260808T124235+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-Syn3^{tm1Pggd}/Mmjax.

No alerts have been found for B6.129S6-Syn3^{tm1Pggd}/Mmjax.

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.