

Resource Summary Report

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

B6.129-Syn2^{tm1Pggd}/Mmjax

RRID:MMRRC_041437-JAX

Type: Organism

Proper Citation

RRID:MMRRC_041437-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41437

Proper Citation: RRID:MMRRC_041437-JAX

Description: Mus musculus with name B6.129-Syn2^{tm1Pggd}/Mmjax from MMRRC.

Species: Mus musculus

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

Phenotype: increased aggression towards mice [MP:0001353]| abnormal social investigation [MP:0001360]| increased grooming behavior [MP:0001441]| seizures [MP:0002064]| abnormal brain morphology [MP:0002152]| decreased brain weight [MP:0002175]| abnormal CNS synaptic transmission [MP:0002206]| abnormal emotion/affect behavior [MP:0002572]| abnormal short term object recognition memory [MP:0002800]| abnormal neuron morphology [MP:0002882]| abnormal excitatory postsynaptic potential [MP:0002912]| decreased synaptic depression [MP:0002917]| delayed CNS synapse formation [MP:0002924]| tonic-clonic seizures [MP:0003997]| abnormal miniature excitatory postsynaptic currents [MP:0004753]| abnormal synaptic vesicle number [MP:0004792]| abnormal brain wave pattern [MP:0004994]| abnormal CNS synapse formation [MP:0004996]| environmentally induced seizures [MP:0009358]| abnormal hippocampus physiology [MP:0012006]

Affected Gene: Syn2

Catalog Number: 041437-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:9513186](#)

Alternate IDs: MMRRC_41437-JAX, MMRRC_041437, MMRRC_41437

Organism Name: B6.129-Syn2^{tm1Pggd}/Mmjax

Record Creation Time: 20230308T055218+0000

Record Last Update: 20260808T124235+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Syn2^{tm1Pggd}/Mmjax.

No alerts have been found for B6.129-Syn2^{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.