

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 22, 2025

B6;129-Rapsn^{tm1Jrs}/Mmucd

RRID:MMRRC_015108-UCD

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15108

Proper Citation: RRID:MMRRC_015108-UCD

Description: Mus musculus with name B6;129-Rapsn^{tm1Jrs}/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: muscle weakness [MP:0000747]| abnormal neuromuscular synapse morphology [MP:0001053]| failure of neuromuscular synapse postsynaptic differentiation [MP:0001055]| respiratory distress [MP:0001954]| perinatal lethality [MP:0011089]

Affected Gene: Rapsn

Catalog Number: 015108-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:7675108](#)

Alternate IDs: MMRRC_15108-UCD, MMRRC_015108, MMRRC_1518

Organism Name: B6;129-Rapsn^{tm1Jrs}/Mmucd

Record Creation Time: 20230308T054933+0000

Record Last Update: 20250510T103803+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-*Rapsn*^{tm1Jrs}/Mmucd.

No alerts have been found for B6;129-*Rapsn*^{tm1Jrs}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Oury J, et al. (2019) MACF1 links Rapsyn to microtubule- and actin-binding proteins to maintain neuromuscular synapses. The Journal of cell biology, 218(5), 1686.