

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.129S6(SJL)-Rictor^{tm1.1Mgn}/Mmnc

RRID:MMRRC_014113-UNC

Type: Organism

Proper Citation

RRID:MMRRC_014113-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=14113

Proper Citation: RRID:MMRRC_014113-UNC

Description: Mus musculus with name B6.129S6(SJL)-Rictor^{tm1.1Mgn}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer; Mutation Type: Targeted Mutation ; Collection:

Phenotype: hypoglycemia [MP:0000189]| abnormal prostate gland epithelium morphology [MP:0001168]| hyperglycemia [MP:0001559]| postnatal growth retardation [MP:0001732]| decreased tumor incidence [MP:0002052]| abnormal glucose homeostasis [MP:0002078]| decreased circulating insulin level [MP:0002727]| decreased insulin secretion [MP:0003059]| abnormal pancreatic beta cell physiology [MP:0003562]| abnormal pancreatic beta cell morphology [MP:0005217]| impaired glucose tolerance [MP:0005293]| decreased pancreatic beta cell mass [MP:0009114]| abnormal prostate gland duct morphology [MP:0009734]| lethality throughout fetal growth and development [MP:0011109]| incomplete penetrance [MP:0011820]

Affected Gene: Rictor

Catalog Number: 014113-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16962829](#)

Alternate IDs: MMRRC_14113-UNC, MMRRC_014113, MMRRC_14113

Organism Name: B6.129S6(SJL)-*Rictor*^{tm1.1Mgn}/Mmnc

Record Creation Time: 20230308T054926+0000

Record Last Update: 20260801T123644+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6(SJL)-*Rictor*^{tm1.1Mgn}/Mmnc.

No alerts have been found for B6.129S6(SJL)-*Rictor*^{tm1.1Mgn}/Mmnc.

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 [RRID](#) .

Dahl KD, et al. (2023) mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(4), 540.