

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

B6;129S5-Sirt3^{Gt(OST341297)}Lex/Mmnc

RRID:MMRRC_011664-UNC

Type: Organism

Proper Citation

RRID:MMRRC_011664-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11664

Proper Citation: RRID:MMRRC_011664-UNC

Description: Mus musculus with name B6;129S5-Sirt3^{Gt(OST341297)}Lex/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Gene Trap ; Collection: Lexicon

Phenotype: increased systemic arterial systolic blood pressure [MP:0006144]

Affected Gene: Sirt3

Catalog Number: 011664-UNC

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11664-UNC, MMRRC_011664, MMRRC_11664

Organism Name: B6;129S5-Sirt3^{Gt(OST341297)}Lex/Mmnc

Record Creation Time: 20230308T054912+0000

Record Last Update: 20260815T123307+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Sirt3*^{Gt(OST341297)}Lex/Mmnc.

No alerts have been found for B6;129S5-*Sirt3*^{Gt(OST341297)}Lex/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 [NIF](#) .

Giralt A, et al. (2011) Peroxisome proliferator-activated receptor-gamma coactivator-1alpha controls transcription of the Sirt3 gene, an essential component of the thermogenic brown adipocyte phenotype. The Journal of biological chemistry, 286(19), 16958.