

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

B6;129S4-Slc30a10^{tm1Somm}u/Mmnc

RRID:MMRRC_043956-UNC

Type: Organism

Proper Citation

RRID:MMRRC_043956-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43956

Proper Citation: RRID:MMRRC_043956-UNC

Description: Mus musculus with name B6;129S4-Slc30a10^{tm1Somm}u/Mmnc from MMRRC.

Species: Mus musculus

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

Affected Gene: Slc30a10

Catalog Number: 043956-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:28461334](#)

Alternate IDs: MMRRC_43956-UNC, MMRRC_043956, MMRRC_43956

Organism Name: B6;129S4-Slc30a10^{tm1Somm}u/Mmnc

Record Creation Time: 20230308T055236+0000

Record Last Update: 20260808T124314+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-*Slc30a10*^{tm1Somm}*u*/Mmnc.

No alerts have been found for B6;129S4-*Slc30a10*^{tm1Somm}*u*/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](#) .

Hutchens S, et al. (2024) Elevated thyroid manganese reduces thyroid iodine to induce hypothyroidism in mice, but not rats, lacking SLC30A10 transporter. Metallomics : integrated biometal science, 16(7).