

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

129S(Cg)-Tfrc^{tm3.1Nca}/J

RRID:IMSR_JAX:028177

Type: Organism

Proper Citation

RRID:IMSR_JAX:028177

Organism Information

URL: <https://www.jax.org/strain/028177>

Proper Citation: RRID:IMSR_JAX:028177

Description: Mus musculus with name 129S(Cg)-Tfrc^{tm3.1Nca}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transferrin receptor; mutant strain|congenic strain: Tfrc

Affected Gene: transferrin receptor

Genomic Alteration: targeted mutation 3.1; Nancy C Andrews

Catalog Number: JAX:028177

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: 129S(Cg)-Tfrc^{tm3.1Nca}/J

Record Creation Time: 20250513T053803+0000

Record Last Update: 20260905T044540+0000

Ratings and Alerts

No rating or validation information has been found for 129S(Cg)-Tfrc^{tm3.1Nca}/J.

No alerts have been found for 129S(Cg)-Tfrc^{tm3.1Nca}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Xiong W, et al. (2023) Deletion of Transferrin Receptor 1 in Parvalbumin Interneurons Induces a Hereditary Spastic Paraplegia-Like Phenotype. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(27), 5092.

Wang Z, et al. (2018) Iron Drives T Helper Cell Pathogenicity by Promoting RNA-Binding Protein PCBP1-Mediated Proinflammatory Cytokine Production. Immunity, 49(1), 80.