

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

B6.129S-Osmr^{tm1Mtan}/MtanRbrc

RRID:IMSR_RBRC02711

Type: Organism

Proper Citation

RRID:IMSR_RBRC02711

Organism Information

URL: <https://brc.riken.jp/mus/RBRC02711>

Proper Citation: RRID:IMSR_RBRC02711

Description: Mus musculus with name B6.129S-Osmr^{tm1Mtan}/MtanRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: oncostatin M receptor; mutant strain: Osmr

Affected Gene: oncostatin M receptor

Genomic Alteration: targeted mutation 1; Minoru Tanaka

Catalog Number: RBRC02711

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.129S-Osmr^{tm1Mtan}/MtanRbrc

Record Creation Time: 20250513T061447+0000

Record Last Update: 20260815T054802+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S-Osmr^{tm1Mtan}/MtanRbrc.

No alerts have been found for B6.129S-Osmr^{tm1Mtan}/MtanRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Nguyen-Tran HH, et al. (2025) Oncostatin M induces epigenetic reprogramming in renal cell carcinoma-associated endothelial cells. Communications biology, 8(1), 1541.

Zhang X, et al. (2017) Oncostatin M receptor ?? deficiency attenuates atherogenesis by inhibiting JAK2/STAT3 signaling in macrophages. Journal of lipid research, 58(5), 895.