

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 20, 2025

C57BL/6Smoc-Trem2^{em1Smoc}

RRID:IMSR_NM-KO-190402

Type: Organism

Proper Citation

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Organism Information

URL: https://en.modelorg.com/portal/article/index.html?id=171275&post_type=3

Proper Citation: RRID:IMSR_NM-KO-190402

Description: Mus musculus with name C57BL/6Smoc-Trem2^{em1Smoc} from IMSR.

Species: Mus musculus

Notes: gene symbol note: triggering receptor expressed on myeloid cells 2; mutant strain: Trem2

Affected Gene: triggering receptor expressed on myeloid cells 2

Genomic Alteration: endonuclease-mediated mutation 1; Shanghai Model Organisms Center

Catalog Number: NM-KO-190402

Database: International Mouse Resource Center IMSR, SMOC

Database Abbreviation: IMSR

Availability: sperm

Organism Name: C57BL/6Smoc-Trem2^{em1Smoc}

Record Creation Time: 20230509T195625+0000

Record Last Update: 20250412T111623+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6Smoc-Trem2^{em1Smoc}.

No alerts have been found for C57BL/6Smoc-Trem2^{em1Smoc}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, SMOC

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. Cancer cell, 42(6), 968.

Coelho I, et al. (2020) Trem-2 Promotes Emergence of Restorative Macrophages and Endothelial Cells During Recovery From Hepatic Tissue Damage. Frontiers in immunology, 11, 616044.