

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

C57BL/6-Trim21^{tm1Hm}/J

RRID:IMSR_JAX:010724

Type: Organism

Proper Citation

RRID:IMSR_JAX:010724

Organism Information

URL: <https://www.jax.org/strain/010724>

Proper Citation: RRID:IMSR_JAX:010724

Description: Mus musculus with name C57BL/6-Trim21^{tm1Hm}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: tripartite motif-containing 21; coisogenic strain|mutant strain: Trim21|

Affected Gene: tripartite motif-containing 21|

Genomic Alteration: targeted mutation 1; Herbert Morse III

Catalog Number: JAX:010724

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Trim21^{tm1Hm}/J

Record Creation Time: 20250513T053717+0000

Record Last Update: 20260808T050922+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Trim21^{tm1Hm}/J.

No alerts have been found for C57BL/6-Trim21^{tm1Hm}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sahin M, et al. (2022) Antibody bivalency improves antiviral efficacy by inhibiting virion release independently of Fc gamma receptors. Cell reports, 38(5), 110303.

Cao X, et al. (2021) Opposing roles of E3 ligases TRIM23 and TRIM21 in regulation of ion channel ANO1 protein levels. The Journal of biological chemistry, 296, 100738.

Bottermann M, et al. (2019) Complement C4 Prevents Viral Infection through Capsid Inactivation. Cell host & microbe, 25(4), 617.

Clift D, et al. (2017) A Method for the Acute and Rapid Degradation of Endogenous Proteins. Cell, 171(7), 1692.