

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

B6J.129S4-Col1a1^{tm4Fcam}/Mmjax

RRID:MMRRC_067061-JAX

Type: Organism

Proper Citation

RRID:MMRRC_067061-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=67061

Proper Citation: RRID:MMRRC_067061-JAX

Description: Mus musculus with name B6J.129S4-Col1a1^{tm4Fcam}/Mmjax from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Developmental Biology, Hematology, Research Tools;
Mutation Type: Targeted Mutation ; Collection:

Affected Gene: Col1a1

Catalog Number: 067061-JAX

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:32413320](#)

Alternate IDs: MMRRC_67061-JAX, MMRRC_067061, MMRRC_6761

Organism Name: B6J.129S4-Col1a1^{tm4Fcam}/Mmjax

Record Creation Time: 20230308T055512+0000

Record Last Update: 20260815T130847+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129S4-Col1a1^{tm4Fcam}/Mmjax.

No alerts have been found for B6J.129S4-*Col1a1*^{tm4Fcam}/Mmjax.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Abdullah L, et al. (2025) The endogenous antigen-specific CD8+ T??cell repertoire is composed of unbiased and biased clonotypes with differential fate commitments. *Immunity*, 58(3), 601.

Bowling S, et al. (2025) CARLIN: A Mouse Line for Simultaneous Readout of Lineage Histories and Gene Expression. *Methods in molecular biology* (Clifton, N.J.), 2886, 281.

Abdullah L, et al. (2024) Hierarchal single-cell lineage tracing reveals differential fate commitment of CD8 T-cell clones in response to acute infection. *bioRxiv : the preprint server for biology*.

Li L, et al. (2023) A mouse model with high clonal barcode diversity for joint lineage, transcriptomic, and epigenomic profiling in single cells. *Cell*, 186(23), 5183.