

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

C.129S2-Itgae^{tm1Cmp/J}

RRID:IMSR_JAX:002964

Type: Organism

Proper Citation

RRID:IMSR_JAX:002964

Organism Information

URL: <https://www.jax.org/strain/002964>

Proper Citation: RRID:IMSR_JAX:002964

Description: Mus musculus with name C.129S2-Itgae^{tm1Cmp/J} from IMSR.

Species: Mus musculus

Synonyms: C.129S2-Itgae

Notes: gene symbol note: integrin alpha E; epithelial-associated; mutant strain|congenic strain: Itgae

Affected Gene: integrin alpha E; epithelial-associated

Genomic Alteration: targeted mutation 1; Christina M Parker

Catalog Number: JAX:002964

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C.129S2-Itgae^{tm1Cmp/J}

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260801T050339+0000

Ratings and Alerts

No rating or validation information has been found for C.129S2-Itgae^{tm1Cmp/J}.

No alerts have been found for C.129S2-Itgae^{tm1Cmp/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. Immunity.

Liu K, et al. (2011) CD103 deficiency prevents graft-versus-host disease but spares graft-versus-tumor effects mediated by alloreactive CD8 T cells. PloS one, 6(7), e21968.

Feng Y, et al. (2002) CD103 expression is required for destruction of pancreatic islet allografts by CD8(+) T cells. The Journal of experimental medicine, 196(7), 877.