

# Resource Summary Report

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

## C.129S2-Itgae<sup>tm1Cmp/J</sup>

RRID:IMSR\_JAX:002964

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:002964

### Organism Information

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

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**Description:** Mus musculus with name C.129S2-Itgae<sup>tm1Cmp/J</sup> 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<sup>tm1Cmp/J</sup>

**Record Creation Time:** 20250513T053636+0000

**Record Last Update:** 20260815T050546+0000

### Ratings and Alerts

No rating or validation information has been found for C.129S2-Itgae<sup>tm1Cmp/J</sup>.

No alerts have been found for C.129S2-Itgae<sup>tm1Cmp/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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.