

# Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

## 129-Itgb5<sup>tm1Des</sup>/J

RRID:IMSR\_JAX:004166

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004166

### Organism Information

**URL:** <https://www.jax.org/strain/004166>

**Proper Citation:** RRID:IMSR\_JAX:004166

**Description:** Mus musculus with name 129-Itgb5<sup>tm1Des</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: integrin beta 5; mutant strain: Itgb5

**Affected Gene:** integrin beta 5

**Genomic Alteration:** targeted mutation 1; Dean Sheppard

**Catalog Number:** JAX:004166

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** 129-Itgb5<sup>tm1Des</sup>/J

**Record Creation Time:** 20250513T053643+0000

**Record Last Update:** 20260815T050552+0000

### Ratings and Alerts

No rating or validation information has been found for 129-Itgb5<sup>tm1Des</sup>/J.

No alerts have been found for 129-Itgb5<sup>tm1Des</sup>/J.

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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 2 mentions in open access literature.

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

Parinot C, et al. (2024) Gas6 and Protein S Ligands Cooperate to Regulate MerTK Rhythmic Activity Required for Circadian Retinal Phagocytosis. International journal of molecular sciences, 25(12).

Oguri Y, et al. (2020) CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. Cell, 182(3), 563.