

Resource Summary Report

Generated by [ASWG](#) on Aug 24, 2026

129-Itgb5^{tm1Des}/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^{tm1Des}/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^{tm1Des}/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^{tm1Des}/J.

No alerts have been found for 129-Itgb5^{tm1Des}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.