

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

B6.129S7-Itgb2^{tm2Bay/J}

RRID:IMSR_JAX:003329

Type: Organism

Proper Citation

RRID:IMSR_JAX:003329

Organism Information

URL: <https://www.jax.org/strain/003329>

Proper Citation: RRID:IMSR_JAX:003329

Description: Mus musculus with name B6.129S7-Itgb2^{tm2Bay/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin beta 2; mutant strain|congenic strain: Itgb2

Affected Gene: integrin beta 2

Genomic Alteration: targeted mutation 2; Baylor College of Medicine

Catalog Number: JAX:003329

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S7-Itgb2^{tm2Bay/J}

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260919T054828+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-Itgb2^{tm2Bay/J}.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human psoriasis.

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 [Kravitz](#) .

Petry P, et al. (2025) Early microglia progenitors colonize the embryonic CNS via integrin-mediated migration from the pial surface. Developmental cell.

Mesa-Núñez C, et al. (2022) Preclinical safety and efficacy of lentiviral-mediated gene therapy for leukocyte adhesion deficiency type I. Molecular therapy. Methods & clinical development, 26, 459.

Paterson N, et al. (2022) Macrophage network dynamics depend on haptokinesis for optimal local surveillance. eLife, 11.