

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

C57BL/6-Itgb7^{tm1Cgn}/J

RRID:IMSR_JAX:002965

Type: Organism

Proper Citation

RRID:IMSR_JAX:002965

Organism Information

URL: <https://www.jax.org/strain/002965>

Proper Citation: RRID:IMSR_JAX:002965

Description: Mus musculus with name C57BL/6-Itgb7^{tm1Cgn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin beta 7; mutant strain: Itgb7

Affected Gene: integrin beta 7

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: JAX:002965

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6-Itgb7^{tm1Cgn}/J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260801T050339+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Itgb7^{tm1Cgn}/J.

No alerts have been found for C57BL/6-Itgb7^{tm1Cgn}/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 [PRECISE-TBI](#) .

Mathä L, et al. (2021) Migration of Lung Resident Group 2 Innate Lymphoid Cells Link Allergic Lung Inflammation and Liver Immunity. *Frontiers in immunology*, 12, 679509.

Kang SG, et al. (2011) Complementary roles of retinoic acid and TGF- β 1 in coordinated expression of mucosal integrins by T cells. *Mucosal immunology*, 4(1), 66.