

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

B6;129X1-Itgb1^{tm1Mll}/AjkJ

RRID:IMSR_JAX:029354

Type: Organism

Proper Citation

RRID:IMSR_JAX:029354

Organism Information

URL: <https://www.jax.org/strain/029354>

Proper Citation: RRID:IMSR_JAX:029354

Description: Mus musculus with name B6;129X1-Itgb1^{tm1Mll}/AjkJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin beta 1 (fibronectin receptor beta); mutant stock: Itgb1

Affected Gene: integrin beta 1 (fibronectin receptor beta)

Genomic Alteration: targeted mutation 1; Ulrich Muller

Catalog Number: JAX:029354

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129X1-Itgb1^{tm1Mll}/AjkJ

Record Creation Time: 20250513T053809+0000

Record Last Update: 20260905T044545+0000

Ratings and Alerts

No rating or validation information has been found for B6;129X1-Itgb1^{tm1Mll}/AjkJ.

No alerts have been found for B6;129X1-Itgb1^{tm1Mll}/AjkJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Bui T, et al. (2019) Functional Redundancy between $\alpha 1$ and $\alpha 3$ Integrin in Activating the IR/Akt/mTORC1 Signaling Axis to Promote ErbB2-Driven Breast Cancer. Cell reports, 29(3), 589.