

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6.129-Itga5^{tm2Hyn}/J

RRID:IMSR_JAX:032299

Type: Organism

Proper Citation

RRID:IMSR_JAX:032299

Organism Information

URL: <https://www.jax.org/strain/032299>

Proper Citation: RRID:IMSR_JAX:032299

Description: Mus musculus with name B6.129-Itga5^{tm2Hyn}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: integrin alpha 5 (fibronectin receptor alpha); mutant strain|congenic strain: Itga5

Affected Gene: integrin alpha 5 (fibronectin receptor alpha)

Genomic Alteration: targeted mutation 2; Richard Hynes

Catalog Number: JAX:032299

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Itga5^{tm2Hyn}/J

Record Creation Time: 20250513T053828+0000

Record Last Update: 20260919T055011+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Itga5^{tm2Hyn}/J.

No alerts have been found for B6.129-Itga5^{tm2Hyn}/J.

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 [T1D](#) .

Ayloo S, et al. (2022) Pericyte-to-endothelial cell signaling via vitronectin-integrin regulates blood-CNS barrier. Neuron, 110(10), 1641.