

Resource Summary Report

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

FVB.129(B6)-Igf1^{tm1Dlr}/J

RRID:IMSR_JAX:012663

Type: Organism

Proper Citation

RRID:IMSR_JAX:012663

Organism Information

URL: <https://www.jax.org/strain/012663>

Proper Citation: RRID:IMSR_JAX:012663

Description: Mus musculus with name FVB.129(B6)-Igf1^{tm1Dlr}/J from IMSR.

Species: Mus musculus

Synonyms: FVB.129-Igf1/J

Notes: gene symbol note: insulin-like growth factor 1; mutant strain|congenic strain: Igf1

Affected Gene: insulin-like growth factor 1

Genomic Alteration: targeted mutation 1; Derek LeRoith

Catalog Number: JAX:012663

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB.129(B6)-Igf1^{tm1Dlr}/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260919T054909+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129(B6)-Igf1^{tm1Dlr}/J.

No alerts have been found for FVB.129(B6)-Igf1^{tm1Dlr}/J.

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](#) .

Luo YE, et al. (2026) Resident mesenchymal progenitor cells require autocrine IGF-I in homeostatic and regenerating skeletal muscle. Stem cell reports, 21(7), 102973.

Zhang Y, et al. (2026) Stem cell control in the lung by an autocrine injury-activated Igf complex. Science (New York, N.Y.), 392(6795), eadt1310.

Zaman R, et al. (2021) Selective loss of resident macrophage-derived insulin-like growth factor-1 abolishes adaptive cardiac growth to stress. Immunity, 54(9), 2057.