Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

FVB.Cg-Myod1$^{tm2.1(icre)Glh}$/J

RRID:IMSR_JAX:014140
Type: Organism

Proper Citation

RRID:IMSR_JAX:014140

Organism Information

URL: https://www.jax.org/strain/014140

Proper Citation: RRID:IMSR_JAX:014140

Description: Mus musculus with name FVB.Cg-Myod1$^{tm2.1(icre)Glh}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |myogenic differentiation 1||myogenic differentiation 1; mutant strain: |Myod1||Myod1

Affected Gene: |myogenic differentiation 1||myogenic differentiation 1

Genomic Alteration: targeted mutation 2.1; David J Goldhamer

Catalog Number: JAX:014140

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:14140

Organism Name: FVB.Cg-Myod1$^{tm2.1(icre)Glh}$/J

Record Creation Time: 20230509T193307+0000

Record Last Update: 20240104T174958+0000

Ratings and Alerts

No rating or validation information has been found for FVB.Cg-Myod1$^{tm2.1(icre)Glh}$/J.

No alerts have been found for FVB.Cg-Myod1$^{tm2.1(icre)Glh}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Mistretta M, et al. (2024) Flvcr1a deficiency promotes heme-based energy metabolism dysfunction in skeletal muscle. Cell reports, 43(3), 113854.

Rossor AM, et al. (2020) Loss of BICD2 in muscle drives motor neuron loss in a developmental form of spinal muscular atrophy. Acta neuropathologica communications, 8(1), 34.

Jia Z, et al. (2019) A requirement of Polo-like kinase 1 in murine embryonic myogenesis and adult muscle regeneration. eLife, 8.

Hindi SM, et al. (2017) MyD88 promotes myoblast fusion in a cell-autonomous manner. Nature communications, 8(1), 1624.

Lee JK, et al. (2017) Abelson tyrosine-protein kinase 2 regulates myoblast proliferation and controls muscle fiber length. eLife, 6.

Wang C, et al. (2017) Loss of MyoD Promotes Fate Transdifferentiation of Myoblasts Into Brown Adipocytes. EBioMedicine, 16, 212.