Resource Summary Report

Generated by dkNET on Sep 4, 2026

FVB.B10-*Dmd*^{mdx}/Mmjax

RRID:MMRRC_041192-JAX
Type: Organism

Proper Citation

RRID:MMRRC_041192-JAX

Organism Information

URL:

Proper Citation: RRID:MMRRC_041192-JAX

Description: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Models for Human Disease; Mutation type: Spontaneous Mutation This is a legacy resource.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Cell Biology, Developmental Biology, Models for Human Disease; Mutation type: Spontaneous Mutation This is a legacy resource.

Phenotype: abnormal skeletal muscle fiber morphology [MP:0003084], centrally nucleated skeletal muscle fibers [MP:0009404], skeletal muscle fiber necrosis [MP:0009414], myocardial necrosis [MP:0006085], homeostasis/metabolism phenotype [MP:0005376], increased circulating creatine kinase level [MP:0010090], increased growth hormone level [MP:0005137], abnormal corticotroph morphology [MP:0008327], increased somatotroph cell size [MP:0008416], impaired coordination [MP:0001405], abnormal grip strength [MP:0001515], abnormal auditory brainstem response waveform shape [MP:0011966], increased or absent threshold for auditory brainstem response [MP:0011967], increased susceptibility to noise-induced hearing loss [MP:0004597], increased interferon-gamma secretion [MP:0008566], increased interleukin-12 secretion [MP:0008663], increased interleukin-2 secretion [MP:0008687], increased interleukin-4 secretion [MP:0008699], increased interleukin-6 secretion [MP:0008705], increased tumor necrosis factor secretion [MP:0008560], abnormal muscle morphology [MP:0002108], dilated sarcoplasmic reticulum [MP:0004089], increased variability of skeletal muscle fiber size [MP:0009403], skeletal muscle fibrosis [MP:0009419], skeletal muscle necrosis [MP:0003852], dystrophic muscle [MP:0000752], muscle degeneration [MP:0000749], muscular atrophy [MP:0002269], abnormal muscle physiology [MP:0002106], myopathy [MP:0000751], abnormal circulating pyruvate kinase level [MP:0010106], reduced female fertility [MP:0001923], abnormal skeletal muscle morphology [MP:0000759], increased

skeletal muscle fiber diameter [MP:0009401], abnormal diaphragm morphology [MP:0002279], abnormal intercostal muscle morphology [MP:0002280], increased skeletal muscle mass [MP:0004818], skeletal muscle hypertrophy [MP:0009461], skeletal muscle endomysial fibrosis [MP:0009420], abnormal skeletal muscle satellite cell proliferation [MP:0009410], abnormal muscle contractility [MP:0005620], abnormal muscle electrophysiology [MP:0004145], abnormal muscle tone [MP:0004142], decreased physiological sensitivity to xenobiotic [MP:0008874], nuclear cataracts [MP:0010254], anterior subcapsular cataracts [MP:0010252], nervous system phenotype [MP:0003631], abnormal neuromuscular synapse morphology [MP:0001053], impaired exercise endurance [MP:0012106], increased transforming growth factor level [MP:0008837], skeletal muscle fiber degeneration [MP:0009412], impaired skeletal muscle contractility [MP:0002841], abnormal vertebral column morphology [MP:0004703]

Affected Gene: Dmd

Genomic Alteration: (null)

Catalog Number: 041192-JAX

Background: Spontaneous Mutation

Database: MMRRC, Mutant Mouse Resource Research Centers (MMRRC)

Database Abbreviation: MMRRC

Availability: Not Available

Organism Name: FVB.B10-*Dmd*^{mdx}/Mmjax

Record Creation Time: 20240120T185715+0000

Record Last Update: 20240131T154016+0000

Ratings and Alerts

No rating or validation information has been found for FVB.B10-*Dmd*^{mdx}/Mmjax.

No alerts have been found for FVB.B10-*Dmd*^{mdx}/Mmjax.

Data and Source Information

Source: Integrated Animals

Source Database: MMRRC, Mutant Mouse Resource Research Centers (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.