

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

B10ScSn.Cg-Prkdc^{scid} Dmd/J

RRID:IMSR_JAX:018018

Type: Organism

Proper Citation

RRID:IMSR_JAX:018018

Organism Information

URL: <https://www.jax.org/strain/018018>

Proper Citation: RRID:IMSR_JAX:018018

Description: Mus musculus with name B10ScSn.Cg-Prkdc^{scid} Dmd/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: dystrophin; muscular dystrophy|protein kinase; DNA activated; catalytic polypeptide; mutant strain|congenic strain: Dmd|Prkdc

Affected Gene: dystrophin; muscular dystrophy|protein kinase; DNA activated; catalytic polypeptide

Genomic Alteration: X linked muscular dystrophy|severe combined immunodeficiency

Catalog Number: JAX:018018

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B10ScSn.Cg-Prkdc^{scid} Dmd/J

Record Creation Time: 20250513T053735+0000

Record Last Update: 20260912T060522+0000

Ratings and Alerts

No rating or validation information has been found for B10ScSn.Cg-Prkdc^{scid} Dmd/J.

No alerts have been found for B10ScSn.Cg-Prkdc^{scid} Dmd/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Tavakoli S, et al. (2023) Transplantation-based screen identifies inducers of muscle progenitor cell engraftment across vertebrate species. Cell reports, 42(4), 112365.

Siemionow M, et al. (2022) Long-Term Biodistribution and Safety of Human Dystrophin Expressing Chimeric Cell Therapy After Systemic-Intraosseous Administration to Duchenne Muscular Dystrophy Model. Archivum immunologiae et therapiae experimentalis, 70(1), 20.

Siemionow M, et al. (2022) Long-Term Protective Effect of Human Dystrophin Expressing Chimeric (DEC) Cell Therapy on Amelioration of Function of Cardiac, Respiratory and Skeletal Muscles in Duchenne Muscular Dystrophy. Stem cell reviews and reports, 18(8), 2872.

De la Garza-Rodea AS, et al. (2022) Sphingosine Phosphate Lyase Is Upregulated in Duchenne Muscular Dystrophy, and Its Inhibition Early in Life Attenuates Inflammation and Dystrophy in Mdx Mice. International journal of molecular sciences, 23(14).

Siemionow M, et al. (2018) Dystrophin Expressing Chimeric (DEC) Human Cells Provide a Potential Therapy for Duchenne Muscular Dystrophy. Stem cell reviews and reports, 14(3), 370.