Resource Summary Report

Generated by nidm-terms on Aug 23, 2026

B6.Cg-Mfrp^{rd6}/J

RRID:IMSR_JAX:003684
Type: Organism

Proper Citation

RRID:IMSR_JAX:003684

Organism Information

URL: https://www.jax.org/strain/003684

Proper Citation: RRID:IMSR_JAX:003684

Description: Mus musculus with name B6.Cg-Mfrp^{rd6}/J from IMSR.

Species: Mus musculus

Synonyms: small spot. B6.C3Ga-rd6. B6.C3-Mfrp. B6.C3H- Mfrp

Notes: gene symbol note: membrane frizzled-related protein; mutant strain|congenic strain: Mfrp

Affected Gene: membrane frizzled-related protein

Genomic Alteration: retinal degeneration 6

Catalog Number: JAX:003684

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.Cg-Mfrp^{rd6}/J

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260815T050551+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Mfrp^{rd6}/J.

No alerts have been found for B6.Cg-Mfrp^{rd6}/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 nidm-terms .

Geilenkeuser J, et al. (2025) Engineered nucleocytosolic vehicles for loading of programmable editors. Cell, 188(10), 2637.

Gogna N, et al. (2022) Genetic Interaction between Mfrp and Adipor1 Mutations Affect Retinal Disease Phenotypes. International journal of molecular sciences, 23(3).

Kautzmann MI, et al. (2020) Membrane-type frizzled-related protein regulates lipidome and transcription for photoreceptor function. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(1), 912.

Sluch VM, et al. (2018) ADIPOR1 is essential for vision and its RPE expression is lost in the Mfrprd6 mouse. Scientific reports, 8(1), 14339.

Soundararajan R, et al. (2014) Gene profiling of postnatal Mfrprd6 mutant eyes reveals differential accumulation of Prss56, visual cycle and phototransduction mRNAs. PloS one, 9(10), e110299.