

Resource Summary Report

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

B6;129-Myrf^{tm1Barr/J}

RRID:IMSR_JAX:010607

Type: Organism

Proper Citation

RRID:IMSR_JAX:010607

Organism Information

URL: <https://www.jax.org/strain/010607>

Proper Citation: RRID:IMSR_JAX:010607

Description: Mus musculus with name B6;129-Myrf^{tm1Barr/J} from IMSR.

Species: Mus musculus

Synonyms: B6;129-Gm98/J

Notes: gene symbol note: myelin regulatory factor; mutant stock: Myrf

Affected Gene: myelin regulatory factor

Genomic Alteration: targeted mutation 1; Ben Barres

Catalog Number: JAX:010607

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Myrf^{tm1Barr/J}

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260808T050921+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Myrf^{tm1Barr/J}.

No alerts have been found for B6;129-Myrf^{tm1Barr/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Manesh SB, et al. (2024) Compensatory changes after spinal cord injury in a??remyelination deficient mouse model. Journal of neurochemistry.

Moyon S, et al. (2023) Neural stem cells and oligodendrocyte progenitor cells compete for remyelination in the corpus callosum. Frontiers in cellular neuroscience, 17, 1114781.

Kohnke S, et al. (2021) Nutritional regulation of oligodendrocyte differentiation regulates perineuronal net remodeling in the median eminence. Cell reports, 36(2), 109362.

Cullen CL, et al. (2021) Periaxonal and nodal plasticities modulate action potential conduction in the adult mouse brain. Cell reports, 34(3), 108641.

Forbes TA, et al. (2020) Environmental enrichment ameliorates perinatal brain injury and promotes functional white matter recovery. Nature communications, 11(1), 964.

Steadman PE, et al. (2020) Disruption of Oligodendrogenesis Impairs Memory Consolidation in Adult Mice. Neuron, 105(1), 150.