

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

C57BL/6J-Mpzl3^{rc}/J

RRID:IMSR_JAX:000540

Type: Organism

Proper Citation

RRID:IMSR_JAX:000540

Organism Information

URL: <https://www.jax.org/strain/000540>

Proper Citation: RRID:IMSR_JAX:000540

Description: Mus musculus with name C57BL/6J-Mpzl3^{rc}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-rc/J

Notes: gene symbol note: myelin protein zero-like 3; mutant strain: Mpzl3

Affected Gene: myelin protein zero-like 3

Genomic Alteration: rough coat

Catalog Number: JAX:000540

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C57BL/6J-Mpzl3^{rc}/J

Record Creation Time: 20250513T053619+0000

Record Last Update: 20260829T044908+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Mpzl3^{rc}/J.

No alerts have been found for C57BL/6J-Mpzl3^{rc}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Leiva AG, et al. (2014) Loss of Mpzl3 function causes various skin abnormalities and greatly reduced adipose depots. The Journal of investigative dermatology, 134(7), 1817.