

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

129S7-Mt3^{tm1Rpa}/J

RRID:IMSR_JAX:004649

Type: Organism

Proper Citation

RRID:IMSR_JAX:004649

Organism Information

URL: <https://www.jax.org/strain/004649>

Proper Citation: RRID:IMSR_JAX:004649

Description: Mus musculus with name 129S7-Mt3^{tm1Rpa}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: metallothionein 3; mutant strain: Mt3

Affected Gene: metallothionein 3

Genomic Alteration: targeted mutation 1; Richard D Palmiter

Catalog Number: JAX:004649

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: 129S7-Mt3^{tm1Rpa}/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260912T060430+0000

Ratings and Alerts

No rating or validation information has been found for 129S7-Mt3^{tm1Rpa}/J.

No alerts have been found for 129S7-Mt3^{tm1Rpa}/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](#) .

Medvedeva YV, et al. (2017) Differential Vulnerability of CA1 versus CA3 Pyramidal Neurons After Ischemia: Possible Relationship to Sources of Zn²⁺ Accumulation and Its Entry into and Prolonged Effects on Mitochondria. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(3), 726.