

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.Cg-Tg(Lrrk2)6Yue/J

RRID:IMSR_JAX:012466

Type: Organism

Proper Citation

RRID:IMSR_JAX:012466

Organism Information

URL: <https://www.jax.org/strain/012466>

Proper Citation: RRID:IMSR_JAX:012466

Description: Mus musculus with name B6.Cg-Tg(Lrrk2)6Yue/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 6; Zhenyu Yue|leucine-rich repeat kinase 2; mutant strain|congenic strain: Tg(Lrrk2)6Yue|Lrrk2

Affected Gene: transgene insertion 6; Zhenyu Yue|leucine-rich repeat kinase 2

Genomic Alteration: transgene insertion 6; Zhenyu Yue

Catalog Number: JAX:012466

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(Lrrk2)6Yue/J

Record Creation Time: 20250513T053721+0000

Record Last Update: 20260912T060506+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(Lrrk2)6Yue/J.

No alerts have been found for B6.Cg-Tg(Lrrk2)6Yue/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Weindel CG, et al. (2022) Mitochondrial ROS promotes susceptibility to infection via gasdermin D-mediated necroptosis. Cell, 185(17), 3214.

Cook DA, et al. (2017) LRRK2 levels in immune cells are increased in Parkinson's disease. NPJ Parkinson's disease, 3, 11.