

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

B6.BTBR-Tg(Per1-luc.Per1)1Jt/J

RRID:IMSR_JAX:016187

Type: Organism

Proper Citation

RRID:IMSR_JAX:016187

Organism Information

URL: <https://www.jax.org/strain/016187>

Proper Citation: RRID:IMSR_JAX:016187

Description: Mus musculus with name B6.BTBR-Tg(Per1-luc.Per1)1Jt/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: luciferase|transgene insertion 1; Joseph S Takahashi|period circadian clock 1; mutant strain|congenic strain: luc|Tg(Per1-luc;Per1)1Jt|Per1

Affected Gene: luciferase|transgene insertion 1; Joseph S Takahashi|period circadian clock 1

Genomic Alteration: transgene insertion 1; Joseph S Takahashi

Catalog Number: JAX:016187

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.BTBR-Tg(Per1-luc.Per1)1Jt/J

Record Creation Time: 20250513T053729+0000

Record Last Update: 20260919T054917+0000

Ratings and Alerts

No rating or validation information has been found for B6.BTBR-Tg(Per1-luc.Per1)1Jt/J.

No alerts have been found for B6.BTBR-Tg(Per1-luc.Per1)1Jt/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.