

Resource Summary Report

Generated by [ASWG](#) on Aug 23, 2026

C57BL/6J-Tg(Arntl-cat.-luc*SLG)1Shige

RRID:IMSR_RBRC09717

Type: Organism

Proper Citation

RRID:IMSR_RBRC09717

Organism Information

URL: <https://brc.riken.jp/mus/RBRC09717>

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Description: Mus musculus with name C57BL/6J-Tg(Arntl-cat.-luc*SLG)1Shige from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Bmal1-cat.-luc*)1Shige/ShigeRbrc

Notes: gene symbol note: luciferase (Rhagophthalmus ohbai)|withdrawn; = Bmal1|transgene insertion 1; Shigenobu Shibata|; mutant strain: luc*SLG|Arntl|Tg(Arntl-cat;-luc*SLG)1Shige|

Affected Gene: luciferase (Rhagophthalmus ohbai)|withdrawn; = Bmal1|transgene insertion 1; Shigenobu Shibata|

Genomic Alteration: luciferase (Rhagophthalmus ohbai)|aryl hydrocarbon receptor nuclear translocator-like|transgene insertion 1; Shigenobu Shibata|

Catalog Number: RBRC09717

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: C57BL/6J-Tg(Arntl-cat.-luc*SLG)1Shige

Record Creation Time: 20250513T061515+0000

Record Last Update: 20260815T054842+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Arntl-cat.-luc*SLG)1Shige.

No alerts have been found for C57BL/6J-Tg(Arntl-cat.-luc*SLG)1Shige.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

de Novais CO, et al. (2021) Maternal overweight induced by reduced litter size impairs the behavioral neurodevelopment of offspring. Life sciences, 277, 119611.