

# Resource Summary Report

Generated by [ASWG](#) on Aug 9, 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>

**Proper Citation:** RRID:IMSR\_RBRC09717

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**Notes:** gene symbol note: luciferase (Rhagophthalmus ohbai)|withdrawn; = Bmal1|transgene insertion 1; Shigenobu Shibata|; mutant strain: luc\*SLG|Arntl|Tg(Arntl-cat;-luc\*SLG)1Shige|

**Affected Gene:** luciferase (Rhagophthalmus ohbai)|withdrawn; = Bmal1|transgene insertion 1; Shigenobu Shibata|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:** 20260808T054903+0000

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## 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.