

# Resource Summary Report

Generated by [kravitz2](#) on Sep 15, 2026

## ICR-Tg(Hes1-luc2/Hes1)1Imayo

RRID:IMSR\_RBRC06013

Type: Organism

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### Proper Citation

RRID:IMSR\_RBRC06013

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### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC06013>

**Proper Citation:** RRID:IMSR\_RBRC06013

**Description:** Mus musculus with name ICR-Tg(Hes1-luc2/Hes1)1Imayo from IMSR.

**Species:** Mus musculus

**Synonyms:** ICR-Tg(Hes1/luc2)1Imayo/Imayo

**Notes:** gene symbol note: hes family bHLH transcription factor 1|transgene insertion 1; Itaru Imayoshi|luciferase; mutant stock: Hes1|Tg(Hes1-luc2/Hes1)1Imayo|luc

**Affected Gene:** hes family bHLH transcription factor 1|transgene insertion 1; Itaru Imayoshi|luciferase

**Genomic Alteration:** hairy and enhancer of split 1 (Drosophila)|transgene insertion 1; Itaru Imayoshi|luciferase

**Catalog Number:** RBRC06013

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** sperm

**Organism Name:** ICR-Tg(Hes1-luc2/Hes1)1Imayo

**Record Creation Time:** 20250513T061507+0000

**Record Last Update:** 20260912T064327+0000

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### Ratings and Alerts

No rating or validation information has been found for ICR-Tg(Hes1-luc2/Hes1)1Imayo.

No alerts have been found for ICR-Tg(Hes1-luc2/Hes1)1Imayo.

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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 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Marinopoulou E, et al. (2021) HES1 protein oscillations are necessary for neural stem cells to exit from quiescence. *iScience*, 24(10), 103198.

Seymour PA, et al. (2020) Jag1 Modulates an Oscillatory Dll1-Notch-Hes1 Signaling Module to Coordinate Growth and Fate of Pancreatic Progenitors. *Developmental cell*, 52(6), 731.

Sueda R, et al. (2019) High Hes1 expression and resultant Ascl1 suppression regulate quiescent vs. active neural stem cells in the adult mouse brain. *Genes & development*, 33(9-10), 511.

Phillips NE, et al. (2016) Stochasticity in the miR-9/Hes1 oscillatory network can account for clonal heterogeneity in the timing of differentiation. *eLife*, 5.

Pisconti A, et al. (2010) Syndecan-3 and Notch cooperate in regulating adult myogenesis. *The Journal of cell biology*, 190(3), 427.