Resource Summary Report

Generated by nidm-terms on Aug 30, 2026

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

RRID:IMSR_RBRC06013
Type: Organism

Proper Citation

RRID:IMSR_RBRC06013

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

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

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

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: 20260829T053609+0000

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.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

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.