

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

LE-*Htr3a*^{tm1(cre)}Sage

RRID:RGD_12905036

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12905036>

Proper Citation: RRID:RGD_12905036

Description: Rattus norvegicus with name LE-*Htr3a*^{tm1(cre)}Sage from RGD.

Species: Rattus norvegicus

Notes: This model expresses cre-recombinase under the control of the endogenous 5 prime-hydroxytryptamine receptor 3A (5Ht3a) promoter enabling specific expression in 5Ht3a positive serotonergic neurons. This model possesses a targeted insertion of (T2A)-cre immediately before the translational stop in the open reading frame of the 5Ht3a gene. The 5Ht3a-Cre rat is useful for applications requiring tissue specific expression, including optogenetics and breeding with transgenic floxed lines. [Horizon Discovery](#)

Catalog Number: 12905036

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2017-05-31)

Alternate IDs: 12905036

Organism Name: LE-*Htr3a*^{tm1(cre)}Sage

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260808T193744+0000

Ratings and Alerts

No rating or validation information has been found for LE-*Htr3a*^{tm1(cre)}Sage.

No alerts have been found for LE-*Htr3a*^{tm1(cre)}Sage.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.