

Resource Summary Report

Generated by [kravitz2](#) on Jul 28, 2026

LE-*Tph2*^{tm1(cre)}Sage

RRID:RGD_12905035

Type: Organism

Proper Citation

RRID:RGD_12905035

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=12905035>

Proper Citation: RRID:RGD_12905035

Description: Rattus norvegicus with name LE-*Tph2*^{tm1(cre)}Sage from RGD.

Species: Rattus norvegicus

Notes: This model expresses cre-recombinase under the control of the endogenous Tryptophan Hydroxylase 2 (Tph2) promoter enabling specific expression in Tph2 positive serotonergic neurons. This model possesses a targeted insertion of (T2A)-cre immediately before the translational stop in the open reading frame of the Tph2 gene. The Tph2-Cre rat is useful for applications requiring tissue specific expression, including optogenetics and breeding with transgenic floxed lines. [Horizon Discovery](#)

Catalog Number: 12905035

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

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

Alternate IDs: 12905035

Organism Name: LE-*Tph2*^{tm1(cre)}Sage

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260725T194304+0000

Ratings and Alerts

No rating or validation information has been found for LE-*Tph2^{tm1(cre)}*Sage.

No alerts have been found for LE-*Tph2^{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.