

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

## Tg(Drd2-cre)ER44Gsat; Gt(ROSA)26Sor<sup>tm2Sho</sup>/Gt(ROSA)26Sor<sup>+</sup>

RRID:MGI:5304499

Type: Organism

### Proper Citation

RRID:MGI:5304499

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5304499

**Description:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted, Transgenic This is a legacy resource.

**Affected Gene:** Gt(ROSA)26Sor

**Genomic Alteration:** tm2Sho, Tg(Drd2-cre)ER44Gsat

**Catalog Number:** 5304499

**Background:** involves: 129S4/SvJaeSor \* C57BL/6 \* FVB/N

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Organism Name:** Tg(Drd2-cre)ER44Gsat; Gt(ROSA)26Sor<sup>tm2Sho</sup>/Gt(ROSA)26Sor<sup>+</sup>

**Record Creation Time:** 20240120T190200+0000

**Record Last Update:** 20240130T201750+0000

### Ratings and Alerts

No rating or validation information has been found for Tg(Drd2-cre)ER44Gsat; Gt(ROSA)26Sor<sup>tm2Sho</sup>/Gt(ROSA)26Sor<sup>+</sup>.

No alerts have been found for Tg(Drd2-cre)ER44Gsat; Gt(ROSA)26Sor<sup>tm2Sho</sup>/Gt(ROSA)26Sor<sup>+</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chandra R, et al. (2019) Differential mitochondrial morphology in ventral striatal projection neuron subtypes. Journal of neuroscience research, 97(12), 1579.

Chandra R, et al. (2017) Drp1 Mitochondrial Fission in D1 Neurons Mediates Behavioral and Cellular Plasticity during Early Cocaine Abstinence. Neuron, 96(6), 1327.