

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

C57BL/6-Tg(Slc6a3-icre/ERT2)2Gloss/J

RRID:IMSR_JAX:016583

Type: Organism

Proper Citation

RRID:IMSR_JAX:016583

Organism Information

URL: <https://www.jax.org/strain/016583>

Proper Citation: RRID:IMSR_JAX:016583

Description: Mus musculus with name C57BL/6-Tg(Slc6a3-icre/ERT2)2Gloss/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6N-Tg(Slc6a3-icre/ERT2)2Gloss/J. C57BL/6N-Tg(Slc6a3-cre/ERT2)2Gloss/J

Notes: gene symbol note: estrogen receptor 1|transgene insertion 2; Bernd Gloss||solute carrier family 6 (neurotransmitter transporter; dopamine); member 3; coisogenic strain|mutant strain: ESR1|Tg(Slc6a3-icre/ERT2)2Gloss||Slc6a3

Affected Gene: estrogen receptor 1|transgene insertion 2; Bernd Gloss||solute carrier family 6 (neurotransmitter transporter; dopamine); member 3

Genomic Alteration: transgene insertion 2; Bernd Gloss

Catalog Number: JAX:016583

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(Slc6a3-icre/ERT2)2Gloss/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260829T045028+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Slc6a3-icre/ERT2)2Gloss/J.

No alerts have been found for C57BL/6-Tg(Slc6a3-icre/ERT2)2Gloss/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Markam PS, et al. (2025) Mesolimbic dopamine neurons drive infradian rhythms in sleep-wake and heightened activity state. Science advances, 11(1), eado9965.