

Resource Summary Report

Generated by T1D on Sep 22, 2026

B6N(Cg)-Slc6a3^{tm1.1(flpo)}Fuyu/J

RRID:IMSR_JAX:033673

Type: Organism

Proper Citation

RRID:IMSR_JAX:033673

Organism Information

URL: <https://www.jax.org/strain/033673>

Proper Citation: RRID:IMSR_JAX:033673

Description: Mus musculus with name B6N(Cg)-Slc6a3^{tm1.1(flpo)}Fuyu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 6 (neurotransmitter transporter; dopamine); member 3; mutant strain: Slc6a3

Affected Gene: solute carrier family 6 (neurotransmitter transporter; dopamine); member 3

Genomic Alteration: targeted mutation 1.1; Fu Yu

Catalog Number: JAX:033673

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6N(Cg)-Slc6a3^{tm1.1(flpo)}Fuyu/J

Record Creation Time: 20250513T053837+0000

Record Last Update: 20260919T055020+0000

Ratings and Alerts

No rating or validation information has been found for B6N(Cg)-Slc6a3^{tm1.1(flpo)}Fuyu/J.

No alerts have been found for B6N(Cg)-Slc6a3^{tm1.1(flp0)}Fuyu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Tsutsui-Kimura I, et al. (2025) Dopamine in the tail of the striatum facilitates avoidance in threat-reward conflicts. *Nature neuroscience*, 28(4), 795.

Yang T, et al. (2023) Plastic and stimulus-specific coding of salient events in the central amygdala. *Nature*, 616(7957), 510.

Sun J, et al. (2022) Excitatory SST neurons in the medial paralemniscal nucleus control repetitive self-grooming and encode reward. *Neuron*, 110(20), 3356.

Melani R, et al. (2022) Inhibitory co-transmission from midbrain dopamine neurons relies on presynaptic GABA uptake. *Cell reports*, 39(3), 110716.