

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6.Cg-Slc6a4^{tm1.1(flpo)}Luo/J

RRID:IMSR_JAX:034050

Type: Organism

Proper Citation

RRID:IMSR_JAX:034050

Organism Information

URL: <https://www.jax.org/strain/034050>

Proper Citation: RRID:IMSR_JAX:034050

Description: Mus musculus with name B6.Cg-Slc6a4^{tm1.1(flpo)}Luo/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: solute carrier family 6 (neurotransmitter transporter; serotonin); member 4; mutant strain|congenic strain: Slc6a4

Affected Gene: solute carrier family 6 (neurotransmitter transporter; serotonin); member 4

Genomic Alteration: targeted mutation 1.1; Liquin Luo

Catalog Number: JAX:034050

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Slc6a4^{tm1.1(flpo)}Luo/J

Record Creation Time: 20250513T053840+0000

Record Last Update: 20260919T055023+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Slc6a4^{tm1.1(flpo)}Luo/J.

No alerts have been found for B6.Cg-Slc6a4^{tm1.1(flpo)}Luo/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yang L, et al. (2026) IL-1R1-positive dorsal raphe neurons drive self-imposed social withdrawal in sickness. *Cell*, 189(1), 272.

Pomrenze MB, et al. (2022) Modulation of 5-HT release by dynorphin mediates social deficits during opioid withdrawal. *Neuron*, 110(24), 4125.