

Resource Summary Report

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

[Slc18a2^{tm2Kmo}/Slc18a2^{tm2Kmo}](#)

RRID:MGI:3758030

Type: Organism

Proper Citation

RRID:MGI:3758030

Organism Information

URL:

Proper Citation: RRID:MGI:3758030

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: vision/eye phenotype, hypoactivity, decreased dopamine level, alpha-synuclein inclusion body, neuron degeneration, hypoactivity, abnormal response to novelty, decreased dopaminergic neuron number, decreased coping response, decreased serotonin level, decreased serotonin level, decreased body weight, abnormal response to new environment, decreased dopamine level, impaired coordination, stereotypic behavior, abnormal noradrenaline level, increased susceptibility to dopaminergic neuron neurotoxicity, impaired gastric peristalsis, increased anxiety-related response, impaired olfaction, abnormal sleep pattern, abnormal motor capabilities/coordination/movement, abnormal nervous system physiology, abnormal circadian behavior, abnormal noradrenaline level, abnormal response to novel odor, decreased dopamine level, muscle phenotype, abnormal emotion/affect behavior, increased defecation amount

Affected Gene: Slc18a2

Genomic Alteration: tm2Kmo

Catalog Number: 3758030

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17652604](#), [PMID:19553450](#), [PMID:11463816](#)

Organism Name: Slc18a2^{tm2Kmo}/Slc18a2^{tm2Kmo}

Record Creation Time: 20240120T190500+0000

Record Last Update: 20240130T201931+0000

Ratings and Alerts

No rating or validation information has been found for Slc18a2^{tm2Kmo}/Slc18a2^{tm2Kmo}.

No alerts have been found for Slc18a2^{tm2Kmo}/Slc18a2^{tm2Kmo}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zeng F, et al. (2023) Upregulated DNA Damage-Linked Biomarkers in Parkinson's Disease Model Mice. ASN neuro, 15, 17590914231152099.

Cui K, et al. (2021) Restoration of Noradrenergic Function in Parkinson's Disease Model Mice. ASN neuro, 13, 17590914211009730.