

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

[Mfn2^{tm1.1Arte}/Mfn2^{tm1.1Arte}; Slc6a3^{tm1}\(cre\)Lrsn](#) [/Slc6a3⁺](#)

RRID:MGI:5440841

Type: Organism

Proper Citation

RRID:MGI:5440841

Organism Information

URL:

Proper Citation: RRID:MGI:5440841

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

Species: Mus musculus

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

Phenotype: abnormal respiratory electron transport chain, weight loss, abnormal substantia nigra pars compacta morphology, abnormal neuron physiology, increased serotonin level, abnormal innervation, decreased dopamine level, abnormal locomotor activation, decreased body weight, decreased vertical activity, hypoactivity, premature death

Affected Gene: Slc6a3, Mfn2

Genomic Alteration: tm1(cre)Lrsn, tm1.1Arte

Catalog Number: 5440841

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22914740](#)

Organism Name: Mfn2^{tm1.1Arte}/Mfn2^{tm1.1Arte}; Slc6a3^{tm1(cre)Lrsn}/Slc6a3⁺

Record Creation Time: 20240120T190135+0000

Record Last Update: 20240130T201733+0000

Ratings and Alerts

No rating or validation information has been found for Mfn2^{tm1.1Arte}/Mfn2^{tm1.1Arte}; Slc6a3^{tm1(cre)Lrsn}/Slc6a3⁺.

No alerts have been found for Mfn2^{tm1.1Arte}/Mfn2^{tm1.1Arte}; Slc6a3^{tm1(cre)Lrsn}/Slc6a3⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.