Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 29, 2025

Surf1$^{tm2.1Zev}$/Surf1$^{tm2.1Zev}$

RRID:MGI:3698949
Type: Organism

Proper Citation

RRID:MGI:3698949

Organism Information

URL:

Proper Citation: RRID:MGI:3698949

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

Species: Mus musculus

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

Phenotype: abnormal enzyme/coenzyme activity, abnormal fetal size, decreased susceptibility to neuronal excitotoxicity, abnormal mitochondrial physiology, extended life span, impaired coordination

Affected Gene: Surf1

Genomic Alteration: tm2.1Zev

Catalog Number: 3698949

Background: involves: 129S7/SvEvBrd * C57BL/6 * DBA/2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:17210671

Organism Name: Surf1$^{tm2.1Zev}$/Surf1$^{tm2.1Zev}$

Record Creation Time: 20240120T190531+0000

Record Last Update: 20240130T201948+0000

Ratings and Alerts

No rating or validation information has been found for Surf1$^{tm2.1Zev}$/Surf1$^{tm2.1Zev}$.

No alerts have been found for Surf1$^{tm2.1Zev}$/Surf1$^{tm2.1Zev}$.

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 FDI Lab - SciCrunch.org.

Zuurbier KR, et al. (2024) Yin Yang 1 and guanine quadruplexes protect dopaminergic neurons from cellular stress via transmissive dormancy. Nature communications, 15(1), 10592.

Solano Fonseca R, et al. (2021) Glycolytic preconditioning in astrocytes mitigates trauma-induced neurodegeneration. eLife, 10.