

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 7, 2026

[Tg\(Vil1-cre\)997Gum; Slc31a1^{tm2Djt}/Slc31a1^{tm2Djt}](#)

RRID:MGI:3771153

Type: Organism

Proper Citation

RRID:MGI:3771153

Organism Information

URL:

Proper Citation: RRID:MGI:3771153

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

Species: Mus musculus

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

Phenotype: hemosiderosis, ataxia, kinked vibrissae, weight loss, decreased body weight, loose skin, hypopigmentation, enlarged heart, postnatal growth retardation, abnormal liver copper level, postnatal lethality, incomplete penetrance, abnormal heart morphology, decreased spleen weight, decreased circulating copper level, abnormal copper level

Affected Gene: Tg(Vil1-cre)997Gum, Slc31a1

Genomic Alteration: tm2Djt, Tg(Vil1-cre)997Gum

Catalog Number: 3771153

Background: involves: 129 * C57BL/6 * FVB/N * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16950140](#)

Organism Name: Tg(Vil1-cre)997Gum; Slc31a1^{tm2Djt}/Slc31a1^{tm2Djt}

Record Creation Time: 20240120T190448+0000

Record Last Update: 20240130T201925+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Vil1-cre)997Gum; Slc31a1^{tm2Djt}/Slc31a1^{tm2Djt}.

No alerts have been found for Tg(Vil1-cre)997Gum; Slc31a1^{tm2Djt}/Slc31a1^{tm2Djt}.

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.