

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Mchr1^{tm1Yush}/Mchr1^{tm1Yush}](#)

RRID:MGI:3622167

Type: Organism

Proper Citation

RRID:MGI:3622167

Organism Information

URL:

Proper Citation: RRID:MGI:3622167

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

Species: Mus musculus

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

Phenotype: decreased total body fat amount, abnormal energy expenditure, weight loss, slow postnatal weight gain, decreased circulating insulin level, decreased circulating leptin level, increased food intake, decreased susceptibility to diet-induced obesity

Affected Gene: Mchr1

Genomic Alteration: tm1Yush

Catalog Number: 3622167

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12072376](#)

Organism Name: Mchr1^{tm1Yush}/Mchr1^{tm1Yush}

Record Creation Time: 20240120T190601+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Mchr1^{tm1Yush}/Mchr1^{tm1Yush}.

No alerts have been found for Mchr1^{tm1Yush}/Mchr1^{tm1Yush}.

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.