

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

Tg(Sim1-cre)1Lowl; Mc4r^{tm1Lowl}/Mc4r^{tm1Lowl}

RRID:MGI:3692535

Type: Organism

Proper Citation

RRID:MGI:3692535

Organism Information

URL:

Proper Citation: RRID:MGI:3692535

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

Species: Mus musculus

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

Phenotype: obese, increased lean body mass, increased body weight, growth/size/body region phenotype, abnormal food intake, abnormal oxygen consumption, behavior/neurological phenotype, decreased oxygen consumption

Affected Gene: Mc4r

Genomic Alteration: Tg(Sim1-cre)1Lowl, tm1Lowl

Catalog Number: 3692535

Background: involves: 129S4/SvJae * C57BL/6J * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16269339](#)

Organism Name: Tg(Sim1-cre)1Lowl; Mc4r^{tm1Lowl}/Mc4r^{tm1Lowl}

Record Creation Time: 20240120T190538+0000

Record Last Update: 20240130T201952+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Sim1-cre)1Lowl; Mc4r^{tm1Lowl}/Mc4r^{tm1Lowl}.

No alerts have been found for Tg(Sim1-cre)1Lowl; Mc4r^{tm1Lowl}/Mc4r^{tm1Lowl}.

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.