

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Nos1^{tm1\(cre\)Mgmj}/Nos1⁺; Lepr^{tm1.2Chua}/Lepr^{tm1.2Chua}](#)

RRID:MGI:5319228

Type: Organism

Proper Citation

RRID:MGI:5319228

Organism Information

URL:

Proper Citation: RRID:MGI:5319228

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

Species: Mus musculus

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

Phenotype: decreased circulating thyroxine level, decreased oxygen consumption, hypoactivity, increased body weight, increased circulating glucose level, increased circulating insulin level, increased circulating leptin level, increased food intake, increased total body fat amount, reduced female fertility, increased circulating corticosterone level

Affected Gene: Lepr, Nos1

Genomic Alteration: tm1(cre)Mgmj, tm1.2Chua

Catalog Number: 5319228

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22522563](#)

Organism Name: Nos1^{tm1(cre)Mgmj}/Nos1⁺; Lepr^{tm1.2Chua}/Lepr^{tm1.2Chua}

Record Creation Time: 20240120T190149+0000

Record Last Update: 20240130T201743+0000

Ratings and Alerts

No rating or validation information has been found for $Nos1^{tm1(cre)Mgmj}/Nos1^{+}; Lepr^{tm1.2Chua}/Lepr^{tm1.2Chua}$.

No alerts have been found for $Nos1^{tm1(cre)Mgmj}/Nos1^{+}; Lepr^{tm1.2Chua}/Lepr^{tm1.2Chua}$.

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.