

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

[Maf1^{tm1.1Lnh}/Maf1^{tm1.1Lnh}](#)

RRID:MGI:5690251

Type: Organism

Proper Citation

RRID:MGI:5690251

Organism Information

URL:

Proper Citation: RRID:MGI:5690251

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

Species: Mus musculus

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

Phenotype: increased energy expenditure, reduced fertility, decreased body length, decreased susceptibility to diet-induced obesity, abnormal amino acid level, decreased percent body fat/body weight, increased dopamine level, abnormal lipid homeostasis, increased white fat cell number, increased proline level, decreased lean body mass, decreased subcutaneous adipose tissue amount, increased oxygen consumption, decreased susceptibility to hepatic steatosis, abnormal homeostasis, slow postnatal weight gain, decreased white fat cell size, extended life span, increased hormone-sensitive lipase activity, increased insulin sensitivity, decreased food intake, decreased epididymal fat pad weight, decreased circulating phospholipid level, postnatal growth retardation, decreased omental fat pad weight

Affected Gene: Maf1

Genomic Alteration: tm1.1Lnh

Catalog Number: 5690251

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25934505](#)

Organism Name: Maf1^{tm1.1Lnh}/Maf1^{tm1.1Lnh}

Record Creation Time: 20240120T185935+0000

Record Last Update: 20240130T201621+0000

Ratings and Alerts

No rating or validation information has been found for Maf1^{tm1.1Lnh}/Maf1^{tm1.1Lnh}.

No alerts have been found for Maf1^{tm1.1Lnh}/Maf1^{tm1.1Lnh}.

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.