

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[Fabp5^{tm1Hota}/Fabp5^{tm1Hota}; Fabp4^{tm1Brsp}/Fabp4^{tm1Brsp}; Lep^{ob}/Lep^{ob}](#)

RRID:MGI:3815448

Type: Organism

Proper Citation

RRID:MGI:3815448

Organism Information

URL:

Proper Citation: RRID:MGI:3815448

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

Species: Mus musculus

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

Phenotype: abnormal glycogen homeostasis, increased body weight, abnormal glucose homeostasis, decreased susceptibility to hepatic steatosis, small liver, increased insulin sensitivity, increased muscle cell glucose uptake, increased adipocyte glucose uptake, decreased liver triglyceride level, improved glucose tolerance, increased white adipose tissue amount, abnormal gluconeogenesis, decreased circulating cholesterol level, increased fatty acid level, decreased circulating glucose level, decreased circulating insulin level, decreased circulating triglyceride level

Affected Gene: Fabp4, Fabp5, Lep

Genomic Alteration: ob, tm1Hota, tm1Brsp

Catalog Number: 3815448

Background: B6.Cg-Fabp4 Fabp5 Lep

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16804058](#)

Organism Name: Fabp5^{tm1Hota}/Fabp5^{tm1Hota}; Fabp4^{tm1Brsp}/Fabp4^{tm1Brsp}; Lep^{ob}/Lep^{ob}

Record Creation Time: 20240120T190409+0000

Record Last Update: 20240130T201902+0000

Ratings and Alerts

No rating or validation information has been found for Fabp5^{tm1Hota}/Fabp5^{tm1Hota}; Fabp4^{tm1Brsp}/Fabp4^{tm1Brsp}; Lep^{ob}/Lep^{ob}.

No alerts have been found for Fabp5^{tm1Hota}/Fabp5^{tm1Hota}; Fabp4^{tm1Brsp}/Fabp4^{tm1Brsp}; Lep^{ob}/Lep^{ob}.

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.