

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

[AY/A](#)

RRID:MGI:3773447

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3773447

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

Species: Mus musculus

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

Phenotype: increased percent body fat/body weight, increased body length, hypoactivity, increased retroperitoneal fat pad weight, increased liver weight, increased susceptibility to weight gain, yellow coat color, increased gonadal fat pad weight, obese, increased brown adipose tissue amount, increased inguinal fat pad weight, increased circulating leptin level, increased food intake

Affected Gene: a

Genomic Alteration: y, A

Catalog Number: 3773447

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18172198](#)

Organism Name: AY/A

Record Creation Time: 20240120T190446+0000

Record Last Update: 20240130T201923+0000

Ratings and Alerts

No rating or validation information has been found for A^y/A.

No alerts have been found for A^y/A.

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.