

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[Pikfyve^{tm1.1Ashi}/Pikfyve^{tm1.1Ashi}; Tg\(Ckm-cre\)28Arte](#)

RRID:MGI:5501105

Type: Organism

Proper Citation

RRID:MGI:5501105

Organism Information

URL:

Proper Citation: RRID:MGI:5501105

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

Species: Mus musculus

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

Phenotype: increased adipocyte glucose uptake, decreased muscle cell glucose uptake, muscle phenotype, insulin resistance, increased total body fat amount, increased susceptibility to age related obesity, increased renal fat pad weight, increased gonadal fat pad weight, increased fat cell size, increased circulating triglyceride level, increased circulating insulin level, increased body weight, impaired glucose tolerance, homeostasis/metabolism phenotype, decreased heart weight

Affected Gene: Pikfyve

Genomic Alteration: Tg(Ckm-cre)28Arte, tm1.1Ashi

Catalog Number: 5501105

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23673157](#)

Organism Name: Pikfyve^{tm1.1Ashi}/Pikfyve^{tm1.1Ashi}; Tg(Ckm-cre)28Arte

Record Creation Time: 20240120T190113+0000

Record Last Update: 20240130T201721+0000

Ratings and Alerts

No rating or validation information has been found for Pikfyve^{tm1.1Ashi}/Pikfyve^{tm1.1Ashi}; Tg(Ckm-cre)28Arte.

No alerts have been found for Pikfyve^{tm1.1Ashi}/Pikfyve^{tm1.1Ashi}; Tg(Ckm-cre)28Arte.

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.