

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Sqstm1^{tm2.1Jmos}/Sqstm1^{tm2.1Jmos}; Tg\(Fabp4-cre\)1Rev](#)

RRID:MGI:5487465

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5487465

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

Species: Mus musculus

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

Phenotype: hepatic steatosis, increased brown fat cell lipid droplet size, behavior/neurological phenotype, decreased core body temperature, decreased energy expenditure, disorganized mitochondrial cristae, insulin resistance, hypoactivity, impaired glucose tolerance, increased body weight, increased lean body mass, increased total body fat amount, abnormal mitochondrial ATP synthesis coupled electron transport, abnormal brown adipose tissue thermogenesis, abnormal mitochondrial crista morphology, increased white fat cell size

Affected Gene: Sqstm1

Genomic Alteration: tm2.1Jmos, Tg(Fabp4-cre)1Rev

Catalog Number: 5487465

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23257354](#)

Organism Name: Sqstm1^{tm2.1Jmos}/Sqstm1^{tm2.1Jmos}; Tg(Fabp4-cre)1Rev

Record Creation Time: 20240120T190119+0000

Record Last Update: 20240130T201724+0000

Ratings and Alerts

No rating or validation information has been found for Sqstm1^{tm2.1Jmos}/Sqstm1^{tm2.1Jmos}; Tg(Fabp4-cre)1Rev.

No alerts have been found for Sqstm1^{tm2.1Jmos}/Sqstm1^{tm2.1Jmos}; Tg(Fabp4-cre)1Rev.

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.