Resource Summary Report

Generated by Kravitz on Sep 16, 2026

Rsc1a1^{tm1Koep}/Rsc1a1^{tm1Koep}

RRID:MGI:3526863
Type: Organism

Proper Citation

RRID:MGI:3526863

Organism Information

URL:

Proper Citation: RRID:MGI:3526863

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

Species: Mus musculus

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

Phenotype: abnormal energy homeostasis, abnormal food intake, obese, increased body weight, abnormal intestinal glucose absorption, increased body size, increased fat cell size, increased circulating cholesterol level, increased percent body fat/body weight, abnormal body water content, increased circulating leptin level

Affected Gene: Rsc1a1

Genomic Alteration: tm1Koep

Catalog Number: 3526863

Background: B6.129-Rsc1a1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:15601832

Organism Name: Rsc1a1^{tm1Koep}/Rsc1a1^{tm1Koep}

Record Creation Time: 20240120T190640+0000

Record Last Update: 20240130T202028+0000

Ratings and Alerts

No rating or validation information has been found for Rsc1a1^{tm1Koep}/Rsc1a1^{tm1Koep}.

No alerts have been found for Rsc1a1^{tm1Koep}/Rsc1a1^{tm1Koep}.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Sebastiani A, et al. (2018) RS1 (Rsc1A1) deficiency limits cerebral SGLT1 expression and delays brain damage after experimental traumatic brain injury. Journal of neurochemistry, 147(2), 190.