

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Esrra^{tm1Vgi}/Esrra^{tm1Vgi}](#)

RRID:MGI:2682828

Type: Organism

Proper Citation

RRID:MGI:2682828

Organism Information

URL:

Proper Citation: RRID:MGI:2682828

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

Species: Mus musculus

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

Phenotype: increased lean body mass, increased percent water in carcass, decreased percent body fat/body weight, decreased inguinal fat pad weight, decreased retroperitoneal fat pad weight, abnormal adipose tissue physiology, decreased body weight, decreased epididymal fat pad weight, homeostasis/metabolism phenotype, decreased white fat cell size, abnormal lipid homeostasis, decreased mitochondria number, abnormal cellular respiration, decreased mitochondrial DNA content, increased brown fat cell lipid droplet size, impaired adaptive thermogenesis, increased triglyceride level

Affected Gene: Esrra

Genomic Alteration: tm1Vgi

Catalog Number: 2682828

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17229846](#), [PMID:14585956](#)

Organism Name: Esrra^{tm1Vgi}/Esrra^{tm1Vgi}

Record Creation Time: 20240120T190717+0000

Record Last Update: 20240130T202123+0000

Ratings and Alerts

No rating or validation information has been found for Esrra^{tm1Vgi}/Esrra^{tm1Vgi}.

No alerts have been found for Esrra^{tm1Vgi}/Esrra^{tm1Vgi}.

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.