

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

Tg(Fabp4-cre)1Rev; Cxcr4^{tm2Yzo}/Cxcr4^{tm2Yzo}

RRID:MGI:6116483

Type: Organism

Proper Citation

RRID:MGI:6116483

Organism Information

URL:

Proper Citation: RRID:MGI:6116483

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 CD8-positive, alpha-beta T cell number, growth/size/body region phenotype, impaired adaptive thermogenesis, homeostasis/metabolism phenotype, increased gonadal fat pad weight, increased brown adipose tissue mass, abnormal macrophage cell number, increased retroperitoneal fat pad weight, increased mesenteric fat pad weight, increased white fat cell size, increased white adipose tissue mass, increased total body fat amount, decreased B cell number, increased brown fat cell size, increased susceptibility to diet-induced obesity, decreased oxygen consumption, increased subcutaneous adipose tissue amount, decreased CD4-positive, alpha beta T cell number

Affected Gene: Cxcr4

Genomic Alteration: tm2Yzo, Tg(Fabp4-cre)1Rev

Catalog Number: 6116483

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25016030](#)

Organism Name: Tg(Fabp4-cre)1Rev; Cxcr4^{tm2Yzo}/Cxcr4^{tm2Yzo}

Record Creation Time: 20240120T185821+0000

Record Last Update: 20240130T201536+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Fabp4-cre)1Rev; Cxcr4^{tm2Yzo}/Cxcr4^{tm2Yzo}.

No alerts have been found for Tg(Fabp4-cre)1Rev; Cxcr4^{tm2Yzo}/Cxcr4^{tm2Yzo}.

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.