

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Mgat1^{tm2Jxm}/Mgat1^{tm2Jxm}; C1galt1^{tm1.1Rpmc}/C1galt1^{tm1.1Rpmc}; Tg\(Zp3-cre\)1Gwh](#)

RRID:MGI:3714054

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3714054

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

Species: Mus musculus

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

Phenotype: decreased litter size, decreased oocyte number, decreased mature ovarian follicle number, reduced female fertility

Affected Gene: Mgat1, C1galt1

Genomic Alteration: Tg(Zp3-cre)1Gwh, tm2Jxm, tm1.1Rpmc

Catalog Number: 3714054

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17374637](#)

Organism Name: Mgat1^{tm2Jxm}/Mgat1^{tm2Jxm}; C1galt1^{tm1.1Rpmc}/C1galt1^{tm1.1Rpmc}; Tg(Zp3-cre)1Gwh

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for *Mgat1*^{tm2Jxm}/*Mgat1*^{tm2Jxm}; *C1galt1*^{tm1.1Rpmc}/*C1galt1*^{tm1.1Rpmc}; *Tg(Zp3-cre)*1Gwh.

No alerts have been found for *Mgat1*^{tm2Jxm}/*Mgat1*^{tm2Jxm}; *C1galt1*^{tm1.1Rpmc}/*C1galt1*^{tm1.1Rpmc}; *Tg(Zp3-cre)*1Gwh.

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.