

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

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

RRID:MGI:5816473

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5816473

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

Species: Mus musculus

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

Phenotype: abnormal zona pellucida morphology, decreased ovary weight, decreased circulating testosterone level, increased circulating follicle stimulating hormone level, decreased ovulation rate, decreased secondary ovarian follicle number, early reproductive senescence, female infertility, abnormal granulosa cell morphology, abnormal ovarian follicle number, abnormal hormone level, reduced female fertility, polyovular ovarian follicle, increased primary ovarian follicle number, abnormal secondary ovarian follicle morphology, abnormal ovary morphology, abnormal ovarian secretion, abnormal ovarian follicle morphology, abnormal ovarian folliculogenesis, abnormal corpus luteum morphology

Affected Gene: C1galt1, Mgat1

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

Catalog Number: 5816473

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:21239444](#)

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Record Creation Time: 20240120T185845+0000

Record Last Update: 20240130T201550+0000

Ratings and Alerts

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

No alerts have been found for C1galt1^{tm1.1Rpmc}/C1galt1^{tm1.1Rpmc}; Mgat1^{tm2Jxm}/Mgat1^{tm2Jxm}; 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.