

# Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

## [Runx1<sup>tm1\(RUNX1\)Gcg</sup>/Runx1<sup>tm1\(RUNX1\)Gcg</sup>; Tg\(Mx1-cre\)1Cgn](#)

RRID:MGI:3621942

Type: Organism

### Proper Citation

RRID:MGI:3621942

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3621942

**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 granulocyte differentiation, decreased double-positive T cell number, decreased CD4-positive, alpha beta T cell number, anemia, increased CD8-positive, alpha-beta T cell number, increased metastatic potential, abnormal myelopoiesis, increased T cell derived lymphoma incidence, abnormal T cell differentiation

**Affected Gene:** Runx1, Tg(Mx1-cre)1Cgn

**Genomic Alteration:** tm1(RUNX1)Gcg, Tg(Mx1-cre)1Cgn

**Catalog Number:** 3621942

**Background:** involves: 129S1/Sv \* C57BL/6 \* CBA

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16081688](#), [PMID:16105979](#)

**Organism Name:** Runx1<sup>tm1(RUNX1)Gcg</sup>/Runx1<sup>tm1(RUNX1)Gcg</sup>; Tg(Mx1-cre)1Cgn

**Record Creation Time:** 20240120T190601+0000

**Record Last Update:** 20240130T202006+0000

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## Ratings and Alerts

No rating or validation information has been found for Runx1<sup>tm1(RUNX1)Gcg</sup>/Runx1<sup>tm1(RUNX1)Gcg</sup>; Tg(Mx1-cre)1Cgn.

No alerts have been found for Runx1<sup>tm1(RUNX1)Gcg</sup>/Runx1<sup>tm1(RUNX1)Gcg</sup>; Tg(Mx1-cre)1Cgn.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.