

# Resource Summary Report

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

## [Tcra<sup>tm1Mom</sup>/Tcra<sup>tm1Mom</sup>](#)

RRID:MGI:3767323

Type: Organism

### Proper Citation

RRID:MGI:3767323

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3767323

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

**Species:** Mus musculus

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

**Phenotype:** abnormal respiratory system morphology, decreased CD8-positive, alpha-beta T cell number, decreased CD4-positive, alpha beta T cell number, abnormal intestinal goblet cell morphology, decreased IgG level, premature death, intestinal ulcer, increased gamma-delta intraepithelial T cell number, crypts of Lieberkuhn abscesses, colitis, chronic diarrhea, rectal prolapse, arrested T cell differentiation, abnormal response to infection

**Affected Gene:** Tcra

**Genomic Alteration:** tm1Mom

**Catalog Number:** 3767323

**Background:** involves: 129S2/SvPas \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16272283](#), [PMID:1359428](#), [PMID:8104709](#)

**Organism Name:** Tcra<sup>tm1Mom</sup>/Tcra<sup>tm1Mom</sup>

**Record Creation Time:** 20240120T190452+0000

**Record Last Update:** 20240130T201927+0000

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## Ratings and Alerts

No rating or validation information has been found for Tcra<sup>tm1Mom</sup>/Tcra<sup>tm1Mom</sup>.

No alerts have been found for Tcra<sup>tm1Mom</sup>/Tcra<sup>tm1Mom</sup>.

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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.