

# Resource Summary Report

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

## [Ccr5<sup>tm1Kuz</sup>/Ccr5<sup>tm1Kuz</sup>](#)

RRID:MGI:3609170

Type: Organism

### Proper Citation

RRID:MGI:3609170

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3609170

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

**Species:** Mus musculus

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

**Phenotype:** impaired macrophage chemotaxis, decreased susceptibility to induced colitis, increased NK T cell number, abnormal CD4-positive, alpha beta T cell morphology, abnormal CD8-positive, alpha beta T cell morphology, abnormal cytokine level, abnormal locomotor behavior, increased susceptibility to fungal infection, impaired macrophage chemotaxis, abnormal nervous system physiology, decreased susceptibility to viral infection, abnormal NK T cell physiology, liver failure, abnormal hepatocyte physiology, decreased NK cell number, abnormal Ito cell morphology, abnormal Kupffer cell morphology, abnormal long term spatial reference memory, abnormal astrocyte physiology, decreased microglial cell activation, abnormal glial cell physiology, abnormal spatial learning, impaired macrophage chemotaxis

**Affected Gene:** Ccr5

**Genomic Alteration:** tm1Kuz

**Catalog Number:** 3609170

**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:16841089](#), [PMID:18259609](#), [PMID:19729478](#),  
[PMID:15944310](#), [PMID:10528159](#), [PMID:10843684](#), [PMID:19603542](#), [PMID:12618265](#)

**Organism Name:** Ccr5<sup>tm1Kuz</sup>/Ccr5<sup>tm1Kuz</sup>

**Record Creation Time:** 20240120T190613+0000

**Record Last Update:** 20240130T202013+0000

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## Ratings and Alerts

No rating or validation information has been found for Ccr5<sup>tm1Kuz</sup>/Ccr5<sup>tm1Kuz</sup>.

No alerts have been found for Ccr5<sup>tm1Kuz</sup>/Ccr5<sup>tm1Kuz</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.