

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Orai1^{tm1Rao}/Orai1^{tm1Rao}](#)

RRID:MGI:3810509

Type: Organism

Proper Citation

RRID:MGI:3810509

Organism Information

URL:

Proper Citation: RRID:MGI:3810509

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

Species: Mus musculus

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

Phenotype: abnormal mast cell physiology, decreased interferon-gamma secretion, abnormal B cell activation, decreased interleukin-2 secretion, decreased interleukin-4 secretion, abnormal cell-mediated immunity, abnormal T cell activation, decreased interleukin-10 secretion, abnormal cytokine secretion, abnormal thymocyte activation, decreased survivor rate, perinatal lethality, incomplete penetrance, decreased body weight, blepharitis, alopecia, short vibrissae, thin skin

Affected Gene: Orai1

Genomic Alteration: tm1Rao

Catalog Number: 3810509

Background: involves: C57BL/6NTac * ICR

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18591248](#)

Organism Name: Orai1^{tm1Rao}/Orai1^{tm1Rao}

Record Creation Time: 20240120T190416+0000

Record Last Update: 20240130T201906+0000

Ratings and Alerts

No rating or validation information has been found for *Orai1^{tm1Rao}/Orai1^{tm1Rao}*.

No alerts have been found for *Orai1^{tm1Rao}/Orai1^{tm1Rao}*.

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.