

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Slc46a2^{tm1Moki}/Slc46a2⁺;](#)
[Tg\(TcraB12/TcrbB12\)1Rest; Rag1^{tm1Mom}/Rag1^{tm1Mom}](#)

RRID:MGI:3812196

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3812196

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

Species: Mus musculus

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

Phenotype: increased T cell apoptosis, thymus hypoplasia, decreased double-positive T cell number, arrested T cell differentiation

Affected Gene: Slc46a2, Rag1

Genomic Alteration: Tg(TcraB12, TcrbB12)1Rest, tm1Mom, tm1Moki

Catalog Number: 3812196

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18684012](#)

Organism Name: Slc46a2^{tm1Moki}/Slc46a2⁺; Tg(TcraB12/TcrbB12)1Rest; Rag1^{tm1Mom}/Rag1^{tm1Mom}

Record Creation Time: 20240120T190413+0000

Record Last Update: 20240130T201904+0000

Ratings and Alerts

No rating or validation information has been found for Slc46a2^{tm1Moki}/Slc46a2⁺; Tg(TcraB12/TcrbB12)1Rest; Rag1^{tm1Mom}/Rag1^{tm1Mom}.

No alerts have been found for Slc46a2^{tm1Moki}/Slc46a2⁺; Tg(TcraB12/TcrbB12)1Rest; Rag1^{tm1Mom}/Rag1^{tm1Mom}.

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.