

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

B10.A-Rag2^{tm1Fwa} H2-T18 Tg(Tcra5CC7.Tcrb5CC7)lwep

RRID:IMSR_TAC:4094

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.taconic.com/transgenic-mouse-model/rag2-knockoutcyt5cc7-t-cell-receptor>

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Description: Mus musculus with name B10.A-Rag2^{tm1Fwa} H2-T18 Tg(Tcra5CC7.Tcrb5CC7)lwep from IMSR.

Species: Mus musculus

Notes: gene symbol note: recombination activating gene 2|; mutant strain|congenic strain: Rag2|

Affected Gene: recombination activating gene 2|

Genomic Alteration: targeted mutation 1; Frederick W Alt|transgene insertion I; William E Paul

Catalog Number: TAC:4094

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: B10.A-Rag2^{tm1Fwa} H2-T18 Tg(Tcra5CC7.Tcrb5CC7)lwep

Record Creation Time: 20250513T053517+0000

Record Last Update: 20260815T050425+0000

Ratings and Alerts

No rating or validation information has been found for B10.A-Rag2^{tm1Fwa} H2-T18 Tg(Tcra5CC7.Tcrb5CC7)lwep.

No alerts have been found for B10.A-Rag2^{tm1Fwa} H2-T18 Tg(Tcra5CC7.Tcrb5CC7)lwep.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Li X, et al. (2026) The TCR-SUB1-DOCK2 axis promotes autoimmunity by driving pathogenic CD4+ T cell tissue infiltration. Immunity, 59(1), 98.

Yamane H, et al. (2005) Independent roles for IL-2 and GATA-3 in stimulating naive CD4+ T cells to generate a Th2-inducing cytokine environment. The Journal of experimental medicine, 202(6), 793.