

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

B6.129S6-Rag2^{tm1Fwa} Tg(TcraTcrb)1100Mjb

RRID:IMSR_TAC:2334

Type: Organism

Proper Citation

RRID:IMSR_TAC:2334

Organism Information

URL: <http://www.taconic.com/transgenic-mouse-model/rag2ot-i>

Proper Citation: RRID:IMSR_TAC:2334

Description: Mus musculus with name B6.129S6-Rag2^{tm1Fwa} Tg(TcraTcrb)1100Mjb from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Rag2 Tg(TcraTcrb)1100Mjb/Tac. Rag2/OT-1 CONSTITUTIVE KNOCK OUT/MICROINJECTED - C57BL/6 Background

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 1100; Michael J Bevan

Catalog Number: TAC:2334

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: live

Organism Name: B6.129S6-Rag2^{tm1Fwa} Tg(TcraTcrb)1100Mjb

Record Creation Time: 20250513T053517+0000

Record Last Update: 20260829T044809+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-Rag2^{tm1Fwa} Tg(TcraTcrb)1100Mjb.

No alerts have been found for B6.129S6-Rag2^{tm1Fwa} Tg(TcraTcrb)1100Mjb.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Fischer TD, et al. (2026) Intratumoral Virus-Like Particles Containing a TLR9 Agonist Combined with Systemic ?PD-1 Activate Tumor-Specific CD8+ T Cells. Cancer research communications, 6(5), 1006.

Lu H, et al. (2026) Dual-stress-responsive-pathways prevent HCC initiation via p53 suppression of MTHFD1L-RNA m6A-elicited autonomous growth and immune evasion. Research square.

Shchukina I, et al. (2026) Inflammaging in aged tissues drives remodeling of the CD8+ T cell compartment. Cell reports, 45(5), 117303.

Rochussen AM, et al. (2025) Transcriptional adaptation after deletion of Cdc42 in primary T cells. Journal of cell science, 138(15).

Baptista AP, et al. (2025) TLR ligand sensing by lymph node FRCs directs intranodal lymphocyte accumulation to promote immune responses. iScience, 28(11), 113734.

Shchukina I, et al. (2025) Inflammaging in aged tissues drives remodeling of the CD8 + T cell compartment. bioRxiv : the preprint server for biology.

Dandia HY, et al. (2024) Acellular scaffold-based approach for in situ genetic engineering of host T-cells in solid tumor immunotherapy. Military Medical Research, 11(1), 3.

Rossignol J, et al. (2022) Neuropilin-1 cooperates with PD-1 in CD8+ T cells predicting outcomes in melanoma patients treated with anti-PD1. iScience, 25(6), 104353.

Lötscher J, et al. (2022) Magnesium sensing via LFA-1 regulates CD8+ T cell effector function. Cell, 185(4), 585.

Lutes LK, et al. (2021) T cell self-reactivity during thymic development dictates the timing of positive selection. eLife, 10.