

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

B6.Cg-Tg(BCL2)25Wehi/J

RRID:IMSR_JAX:002320

Type: Organism

Proper Citation

RRID:IMSR_JAX:002320

Organism Information

URL: <https://www.jax.org/strain/002320>

Proper Citation: RRID:IMSR_JAX:002320

Description: Mus musculus with name B6.Cg-Tg(BCL2)25Wehi/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(BCL2)25Wehi/J

Notes: gene symbol note: BCL2; apoptosis regulator|transgene insertion 25; Walter and Eliza Hall Institute of Medical Research|E mu enhancer; mutant strain: BCL2|Tg(BCL2)25Wehi|SV40

Affected Gene: BCL2; apoptosis regulator|transgene insertion 25; Walter and Eliza Hall Institute of Medical Research|E mu enhancer

Genomic Alteration: transgene insertion 25; Walter and Eliza Hall Institute of Medical Research

Catalog Number: JAX:002320

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.Cg-Tg(BCL2)25Wehi/J

Record Creation Time: 20250513T053631+0000

Record Last Update: 20260919T054820+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(BCL2)25Wehi/J.

No alerts have been found for B6.Cg-Tg(BCL2)25Wehi/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Kama Y, et al. (2026) Notch interaction with RUNX factors regulates initiation of the T-lineage program. The Journal of experimental medicine, 223(2).

Koizumi M, et al. (2022) Transcription factor Zbtb1 interacts with bridging factor Lmo2 and maintains the T-lineage differentiation capacity of lymphoid progenitor cells. The Journal of biological chemistry, 298(11), 102506.

Hosokawa H, et al. (2021) Stage-specific action of Runx1 and GATA3 controls silencing of PU.1 expression in mouse pro-T cells. The Journal of experimental medicine, 218(8).

Hirano KI, et al. (2021) LMO2 is essential to maintain the ability of progenitors to differentiate into T-cell lineage in mice. eLife, 10.

Romero-Wolf M, et al. (2020) Notch2 complements Notch1 to mediate inductive signaling that initiates early T cell development. The Journal of cell biology, 219(10).

Ramos CV, et al. (2020) Cell Competition, the Kinetics of Thymopoiesis, and Thymus Cellularity Are Regulated by Double-Negative 2 to 3 Early Thymocytes. Cell reports, 32(3), 107910.

Hosokawa H, et al. (2018) Bcl11b sets pro-T cell fate by site-specific cofactor recruitment and by repressing Id2 and Zbtb16. Nature immunology, 19(12), 1427.

Goldshtein A, et al. (2016) Loss of T-cell quiescence by targeting Slfn2 prevents the development and progression of T-ALL. Oncotarget, 7(30), 46835.

Kueh HY, et al. (2016) Asynchronous combinatorial action of four regulatory factors activates Bcl11b for T cell commitment. Nature immunology, 17(8), 956.

Champhekar A, et al. (2015) Regulation of early T-lineage gene expression and developmental progression by the progenitor cell transcription factor PU.1. Genes & development, 29(8), 832.

Berger M, et al. (2010) An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature immunology, 11(4), 335.