Resource Summary Report

Generated by Kravitz on Sep 20, 2026

B6.Cg-Commd10$^{Tg(Vav1-icre)A2Kio}$/J

RRID:IMSR_JAX:008610
Type: Organism

Proper Citation

RRID:IMSR_JAX:008610

Organism Information

URL: https://www.jax.org/strain/008610

Proper Citation: RRID:IMSR_JAX:008610

Description: Mus musculus with name B6.Cg-Commd10$^{Tg(Vav1-icre)A2Kio}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Vav1-cre)A2Kio/J. B6.Cg-Tg(Vav1-icre)A2Kio/J

Notes: gene symbol note: vav guanine nucleotide exchange factor 1||COMM domain containing 10; congenic strain: Vav1||Commd10

Affected Gene: vav guanine nucleotide exchange factor 1||COMM domain containing 10

Genomic Alteration: transgene insertion A2; Dimitris Kioussis

Catalog Number: JAX:008610

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Commd10$^{Tg(Vav1-icre)A2Kio}$/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260919T054858+0000

Ratings and Alerts

- Used for humanized mouse by the Human Islet Research Network community. Contact(s): Golnaz Vahedi - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for B6.Cg-Commd10$^{Tg(Vav1\text{-}icre)A2Kio}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 221 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Böttcher N, et al. (2026) Establishment of a 3D Multicellular HCC Tumor Spheroid Model to Unravel Nrf2's Influence on the Tumor Immune Microenvironment. Bioengineering (Basel, Switzerland), 13(3).

Ren K, et al. (2026) Stromal Gasdermin D-mediated Pyroptosis Drives Maladaptive CD4+ T-cell Remodeling in Tet2-Deficient Hematopoiesis. bioRxiv : the preprint server for biology.

Zhang S, et al. (2026) Physiological MplW514L expression in hematopoietic stem cell causes an essential thrombocythemia and progressive myelofibrosis. The Journal of clinical investigation, 136(11).

Selvaratnam JS, et al. (2026) HEB collaborates with TCR signaling to upregulate Id3 and enable ??T17 cell maturation in the fetal thymus. eLife, 14.

Cheung DMS, et al. (2026) Lipopolysaccharide stimulates dynamic changes in B cell metabolism to promote proliferation. eLife, 14.

Chini J, et al. (2026) CD9 regulates macrophage-mediated remodeling of adipose tissue in obesity. JCI insight, 11(6).

Bilardi RA, et al. (2026) Mbd4 and MutS? protect cells from spontaneous deamination of 5-methylcytosine. Nucleic acids research, 54(2).

Liu M, et al. (2026) Fufang Huangbo Formula mitigates myeloproliferative neoplasms by activating p53/p21 signaling axis and inhibiting STAT3 and NF-?B signaling pathways. Pharmaceutical science advances, 4, 100121.

Weiand P, et al. (2026) Glucose transport dependency defines a therapeutic vulnerability in JAK2V617F-driven myeloproliferative neoplasms. Cell communication and signaling : CCS, 24(1).

Wang C, et al. (2026) Longitudinal localization of leukaemic stem cells between the metaphysis and central marrow governs their behaviour. Nature cell biology, 28(5), 890.

Schaer DJ, et al. (2026) An ontogeny-cytokine code determines macrophage response polarity and tumor outcomes. Communications biology, 9(1).

Liu J, et al. (2026) ASF1B promotes erythropoiesis by regulating the establishment and enrichment of H3.3 nucleosomes. Nucleic acids research, 54(9).

Steinbuck MP, et al. (2026) Lymph node-targeted DNA engages TBK1/IFN-I-driven innate immunity to induce potent T cell responses and durable memory in mice and NHPs. Science advances, 12(22), eaec1416.

Roy P, et al. (2026) A stress-induced PI3P complex controls autophagy in erythroid precursors. iScience, 29(4), 115182.

Huang F, et al. (2026) Nat10-mediated ac4C epitranscriptomics orchestrates hematopoietic stem/progenitor cell fate determination via translation control. Science advances, 12(2), eady0301.

Paiva RA, et al. (2026) MAIT cells egress the thymus at several maturation stages with selective capacity to seed different tissues. Immunity, 59(6), 1512.

Kawarizadeh K, et al. (2026) VPS33B regulates MHC class II antigen presentation in dendritic cells to drive CD4 T cell immunity. iScience, 29(6), 116052.

Zhang L, et al. (2026) Bcl11a orchestrates multilineage integrity in aging hematopoiesis by regulating multipotent progenitor fate decisions. Cell reports, 45(7), 117716.

López-Hernández L, et al. (2026) BCLAF1 links RNA splicing to ATF4-dependent metabolic adaptation in acute myeloid leukemia. bioRxiv : the preprint server for biology.

Chen KY, et al. (2025) Inflammation switches the chemoattractant requirements for naive lymphocyte entry into lymph nodes. Cell, 188(4), 1019.