

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

B6.129-Tg(Vav-rtTA)/Apb

RRID:IMSR_APB:639

Type: Organism

Proper Citation

RRID:IMSR_APB:639

Organism Information

URL: <https://db.pb.apf.edu.au/phenbank/strain.html?id=639>

Proper Citation: RRID:IMSR_APB:639

Description: Mus musculus with name B6.129-Tg(Vav-rtTA)/Apb from IMSR.

Species: Mus musculus

Notes: gene symbol note: ; mutant strain:

Catalog Number: APB:639

Database: Australian Phenome Bank

Database Abbreviation: APB

Availability: sperm

Organism Name: B6.129-Tg(Vav-rtTA)/Apb

Record Creation Time: 20250513T062353+0000

Record Last Update: 20260815T055908+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Tg(Vav-rtTA)/Apb.

No alerts have been found for B6.129-Tg(Vav-rtTA)/Apb.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 68 mentions in open access literature.

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

Werner T, et al. (2026) Proteomic characterization of intrahepatic cholangiocarcinoma identifies risk-stratifying subgroups and EIF4A1 as a therapeutic target. *Nature communications*, 17(1).

Ghosalkar J, et al. (2025) Pharmacological inhibition of hypoxia induced acidosis employing a CAIX inhibitor sensitizes gemcitabine resistant PDAC cells. *Scientific reports*, 15(1), 16782.

Pusch FF, et al. (2024) Elimusertib has Antitumor Activity in Preclinical Patient-Derived Pediatric Solid Tumor Models. *Molecular cancer therapeutics*, 23(4), 507.

Cufe J, et al. (2023) Dispersion-corrected extracorporeal arterial input functions in PET studies of mice: a comparison to intracorporeal microprobe measurements. *EJNMMI research*, 13(1), 86.

Dong M, et al. (2023) Perfusion Air Culture of Precision-Cut Tumor Slices: An Ex Vivo System to Evaluate Individual Drug Response under Controlled Culture Conditions. *Cells*, 12(5).

Wust P, et al. (2022) Radiofrequency Electromagnetic Fields Cause Non-Temperature-Induced Physical and Biological Effects in Cancer Cells. *Cancers*, 14(21).

Orsi DL, et al. (2022) Discovery and Structure-Based Design of Potent Covalent PPAR γ Inverse-Agonists BAY-4931 and BAY-0069. *Journal of medicinal chemistry*, 65(21), 14843.

Zboralski D, et al. (2022) Preclinical evaluation of FAP-2286 for fibroblast activation protein targeted radionuclide imaging and therapy. *European journal of nuclear medicine and molecular imaging*, 49(11), 3651.

Backhaus P, et al. (2022) Translational imaging of the fibroblast activation protein (FAP) using the new ligand [68Ga]Ga-OncoFAP-DOTAGA. *European journal of nuclear medicine and molecular imaging*, 49(6), 1822.

Hirt CK, et al. (2022) Drug screening and genome editing in human pancreatic cancer organoids identifies drug-gene interactions and candidates for off-label treatment. *Cell genomics*, 2(2), 100095.

Zhang S, et al. (2022) GIT1 protects against breast cancer growth through negative regulation of Notch. *Nature communications*, 13(1), 1537.

Lerchen HG, et al. (2022) A Small Molecule-Drug Conjugate (SMDC) Consisting of a Modified Camptothecin Payload Linked to an α V β 3 Binder for the Treatment of Multiple Cancer Types. *Cancers*, 14(2).

Strittmatter N, et al. (2022) Multi-modal molecular imaging maps the correlation between tumor microenvironments and nanomedicine distribution. *Theranostics*, 12(5), 2162.

Thomas A, et al. (2021) Therapeutic targeting of ATR yields durable regressions in small cell lung cancers with high replication stress. *Cancer cell*, 39(4), 566.

Bergmann R, et al. (2021) Development of a ghrelin receptor inverse agonist for positron emission tomography. *Oncotarget*, 12(5), 450.

Tsakiris N, et al. (2020) Combined nanomedicines targeting colorectal cancer stem cells and cancer cells. *Journal of controlled release : official journal of the Controlled Release Society*, 326, 387.

van Gisbergen MW, et al. (2020) Mitochondrial Dysfunction Inhibits Hypoxia-Induced HIF-1? Stabilization and Expression of Its Downstream Targets. *Frontiers in oncology*, 10, 770.

Papageorgiou P, et al. (2019) Expanded skeletal stem and progenitor cells promote and participate in induced bone regeneration at subcritical BMP-2 dose. *Biomaterials*, 217, 119278.

Verbeeck L, et al. (2019) Uncoupling of in-vitro identity of embryonic limb derived skeletal progenitors and their in-vivo bone forming potential. *Scientific reports*, 9(1), 5782.

Lønbro S, et al. (2019) Reliability of blood lactate as a measure of exercise intensity in different strains of mice during forced treadmill running. *PloS one*, 14(5), e0215584.