

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 2, 2026

B6-Tg(Actb-Avpr1b)29

RRID:IMSR_CARD:474

Type: Organism

Proper Citation

RRID:IMSR_CARD:474

Organism Information

URL: <https://cardmice.com/rbase/strain?strainid=474>

Proper Citation: RRID:IMSR_CARD:474

Description: Mus musculus with name B6-Tg(Actb-Avpr1b)29 from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Actb-Avpr1b)29Imeg/Imeg

Notes: gene symbol note: arginine vasopressin receptor 1B; inbred strain: Avpr1b

Affected Gene: arginine vasopressin receptor 1B

Catalog Number: CARD:474

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: B6-Tg(Actb-Avpr1b)29

Record Creation Time: 20250513T061412+0000

Record Last Update: 20260829T053444+0000

Ratings and Alerts

No rating or validation information has been found for B6-Tg(Actb-Avpr1b)29.

No alerts have been found for B6-Tg(Actb-Avpr1b)29.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Liu Y, et al. (2026) Amphiregulin-mediated EGFR activation drives both intrinsic and acquired resistance to KRAS G12C inhibitors in KRAS G12C-mutant non-small cell lung cancer. *Oncogene*, 45(31), 3244.

Grafals-Ruiz N, et al. (2026) M6 metabolite contributes to the efficacy of the Rac/Cdc42 inhibitor MBQ-167 in metastatic breast cancer. *Molecular cancer therapeutics*.

Kines KT, et al. (2025) Aging-induced semaphorin 7a promotes TGF- β 1-mediated cell plasticity and breast tumor metastases. *Cell reports*, 44(8), 116042.

Bowman CL, et al. (2025) The Prolyl Isomerase PIN1 Affects Fibroblast Differentiation States and Cross-talk in Pancreatic Cancer. *Cancer research*, 85(24), 4899.

Golinelli G, et al. (2022) Anti-GD2 CAR MSCs against metastatic Ewing's sarcoma. *Translational oncology*, 15(1), 101240.

Choi YS, et al. (2022) Topical therapy for regression and melanoma prevention of congenital giant nevi. *Cell*, 185(12), 2071.

Messner F, et al. (2021) Myogenic progenitor cell transplantation for muscle regeneration following hindlimb ischemia and reperfusion. *Stem cell research & therapy*, 12(1), 146.

Thurner M, et al. (2020) Generation of myogenic progenitor cell-derived smooth muscle cells for sphincter regeneration. *Stem cell research & therapy*, 11(1), 233.

Fiore D, et al. (2019) N6-Isopentenyladenosine Inhibits Colorectal Cancer and Improves Sensitivity to 5-Fluorouracil-Targeting FBXW7 Tumor Suppressor. *Cancers*, 11(10).

Arai S, et al. (2017) In vitro and in vivo anti-tumor activity of alectinib in tumor cells with NCOA4-RET. *Oncotarget*, 8(43), 73766.