

Resource Summary Report

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B6.Cg-Tg(BAT-lacZ)3Picc/J

RRID:IMSR_JAX:005317

Type: Organism

Proper Citation

RRID:IMSR_JAX:005317

Organism Information

URL: <https://www.jax.org/strain/005317>

Proper Citation: RRID:IMSR_JAX:005317

Description: Mus musculus with name B6.Cg-Tg(BAT-lacZ)3Picc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: beta-galactosidase|transgene insertion 3; Stefano Piccolo|siamois gene minimal promoter; Xenopus; mutant strain|congenic strain: lacZ|Tg(BAT-lacZ)3Picc|siamois

Affected Gene: beta-galactosidase|transgene insertion 3; Stefano Piccolo|siamois gene minimal promoter; Xenopus

Genomic Alteration: transgene insertion 3; Stefano Piccolo

Catalog Number: JAX:005317

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Tg(BAT-lacZ)3Picc/J

Record Creation Time: 20250513T053649+0000

Record Last Update: 20260808T050851+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(BAT-lacZ)3Picc/J.

No alerts have been found for B6.Cg-Tg(BAT-lacZ)3Picc/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 [nidm-terms](#) .

Foucault L, et al. (2024) Neonatal brain injury unravels transcriptional and signaling changes underlying the reactivation of cortical progenitors. Cell reports, 43(2), 113734.

Hua X, et al. (2024) A Ctnnb1 enhancer transcriptionally regulates Wnt signaling dosage to balance homeostasis and tumorigenesis of intestinal epithelia. eLife, 13.

Zhang S, et al. (2020) Glial type specific regulation of CNS angiogenesis by HIF α -activated different signaling pathways. Nature communications, 11(1), 2027.

Benz F, et al. (2019) Low wnt/ β -catenin signaling determines leaky vessels in the subfornical organ and affects water homeostasis in mice. eLife, 8.

Wizeman JW, et al. (2019) Specification of diverse cell types during early neurogenesis of the mouse cerebellum. eLife, 8.

Pruitt HC, et al. (2018) Conditional knockout of N-Myc and STAT interactor disrupts normal mammary development and enhances metastatic ability of mammary tumors. Oncogene, 37(12), 1610.

Adorno M, et al. (2018) Usp16 modulates Wnt signaling in primary tissues through Cdkn2a regulation. Scientific reports, 8(1), 17506.

Fan X, et al. (2018) Single Cell and Open Chromatin Analysis Reveals Molecular Origin of Epidermal Cells of the Skin. Developmental cell, 47(1), 21.

Juan J, et al. (2014) Diminished WNT $\rightarrow$ β -catenin $\rightarrow$ c-MYC signaling is a barrier for malignant progression of BRAFV600E-induced lung tumors. Genes & development, 28(6), 561.

Mesman S, et al. (2014) Mesodiencephalic dopaminergic neuronal differentiation does not involve GLI2A-mediated SHH-signaling and is under the direct influence of canonical WNT signaling. PloS one, 9(5), e97926.

Al Alam D, et al. (2011) Contrasting expression of canonical Wnt signaling reporters TOPGAL, BATGAL and Axin2(LacZ) during murine lung development and repair. PloS

one, 6(8), e23139.