Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 15, 2025

B6.129P2-Runx1tm1Tani/J

RRID:IMSR_JAX:008772 Type: Organism

Proper Citation

RRID:IMSR_JAX:008772

Organism Information

URL: https://www.jax.org/strain/008772

Proper Citation: RRID:IMSR_JAX:008772

Description: Mus musculus with name B6.129P2-Runx1^{tm1Tani}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: runt related transcription factor 1; congenic strain: Runx1

Affected Gene: runt related transcription factor 1

Genomic Alteration: targeted mutation 1; Ichiro Taniuchi

Catalog Number: JAX:008772

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Runx1tm1Tani/J

Record Creation Time: 20250513T053711+0000

Record Last Update: 20250513T053858+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Runx1^{tm1Tani}/J.

No alerts have been found for B6.129P2-Runx1^{tm1Tani}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Bridges K, et al. (2022) Loss of Runx1 Induces Granulosa Cell Defects and Development of Ovarian Tumors in the Mouse. International journal of molecular sciences, 23(22).

Nicol B, et al. (2019) RUNX1 maintains the identity of the fetal ovary through an interplay with FOXL2. Nature communications, 10(1), 5116.

Koh HJ, et al. (2018) CD82 hypomethylation is essential for tuberculosis pathogenesis via regulation of RUNX1-Rab5/22. Experimental & molecular medicine, 50(5), 1.

Mao AP, et al. (2017) A shared Runx1-bound Zbtb16 enhancer directs innate and innate-like lymphoid lineage development. Nature communications, 8(1), 863.

Porter SN, et al. (2016) Fetal and neonatal hematopoietic progenitors are functionally and transcriptionally resistant to FIt3-ITD mutations. eLife, 5.