

Resource Summary Report

Generated by [dkNET](#) on Sep 18, 2026

B6.129P2-Apc^{tm1Rsmi}/RfoJ

RRID:IMSR_JAX:029275

Type: Organism

Proper Citation

RRID:IMSR_JAX:029275

Organism Information

URL: <https://www.jax.org/strain/029275>

Proper Citation: RRID:IMSR_JAX:029275

Description: Mus musculus with name B6.129P2-Apc^{tm1Rsmi}/RfoJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: APC; WNT signaling pathway regulator; mutant strain|congenic strain: Apc

Affected Gene: APC; WNT signaling pathway regulator

Genomic Alteration: targeted mutation 1; Ron Smits

Catalog Number: JAX:029275

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129P2-Apc^{tm1Rsmi}/RfoJ

Record Creation Time: 20250513T053808+0000

Record Last Update: 20260912T060546+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Apc^{tm1Rsmi}/RfoJ.

No alerts have been found for B6.129P2-Apc^{tm1Rsmi}/RfoJ.

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 [dkNET](#) .

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

LaBella KA, et al. (2024) Telomere dysfunction alters intestinal stem cell dynamics to promote cancer. *Developmental cell*, 59(11), 1475.

Sasatani M, et al. (2023) Morphology dynamics in intestinal crypt during postnatal development affect age-dependent susceptibility to radiation-induced intestinal tumorigenesis in ApcMin/+ mice: possible mechanisms of radiation tumorigenesis. *Carcinogenesis*, 44(1), 105.

Li C, et al. (2023) Glycolytic Regulation of Intestinal Stem Cell Self-Renewal and Differentiation. *Cellular and molecular gastroenterology and hepatology*, 15(4), 931.

van Elstrand DM, et al. (2022) Repetitive non-typhoidal Salmonella exposure is an environmental risk factor for colon cancer and tumor growth. *Cell reports. Medicine*, 3(12), 100852.