

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

C57BL/6J-Apc^{Min}/J

RRID:IMSR_JAX:002020

Type: Organism

Proper Citation

RRID:IMSR_JAX:002020

Organism Information

URL: <https://www.jax.org/strain/002020>

Proper Citation: RRID:IMSR_JAX:002020

Description: Mus musculus with name C57BL/6J-Apc^{Min}/J from IMSR.

Species: Mus musculus

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

Affected Gene: APC; WNT signaling pathway regulator

Genomic Alteration: multiple intestinal neoplasia

Catalog Number: JAX:002020

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6J-Apc^{Min}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260829T044918+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Apc^{Min}/J.

No alerts have been found for C57BL/6J-Apc^{Min}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 136 mentions in open access literature.

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

Li J, et al. (2026) Candida albicans synergizes with Fusobacterium nucleatum in colorectal cancer progression via the Flo9-RadD interaction. Cancer cell, 44(5), 1063.

Yuan K, et al. (2026) Integrative analysis reveals intra-tumoral microbial enterotypes shape host transcriptomes in colorectal cancer. Cell reports, 45(6), 117413.

Kallio P, et al. (2025) A Multipotent PROX1+ Tumor Stem/Progenitor Cell Population Emerges during Intestinal Tumorigenesis and Mediates Radioresistance in Colorectal Cancer. Cancer research, 85(23), 4616.

Li S, et al. (2025) Protocol for multiplex immunofluorescence imaging of mouse intestinal tumors. STAR protocols, 6(2), 103776.

Xie M, et al. (2025) Tumor-resident probiotic Clostridium butyricum improves aPD-1 efficacy in colorectal cancer models by inhibiting IL-6-mediated immunosuppression. Cancer cell.

Glymenaki M, et al. (2025) Roux-en-Y gastric bypass-associated fecal tyramine promotes colon cancer risk via increased DNA damage, cell proliferation, and inflammation. Microbiome, 13(1), 60.

Winsor NJ, et al. (2025) Cross-kingdom-mediated detection of intestinal protozoa through NLRP6. Cell host & microbe, 33(3), 388.

Ambite I, et al. (2025) Multitarget mechanism of MYC inhibition by the bacterial lon protease in disease. Scientific reports, 15(1), 6778.

Sun F, et al. (2025) The Microbial Bile Acid Metabolite 3-Oxo-LCA Inhibits Colorectal Cancer Progression. Cancer research, 85(24), 4937.

Sun H, et al. (2025) DNA remnants in red blood cells enable early detection of cancer. Cell research, 35(8), 568.

Ding X, et al. (2025) Bacteroides fragilis promotes chemoresistance in colorectal cancer, and its elimination by phage VA7 restores chemosensitivity. Cell host & microbe, 33(6), 941.

Kaltenecker D, et al. (2025) Functional liver genomics identifies hepatokines promoting wasting in cancer cachexia. Cell, 188(17), 4549.

Hulpia F, et al. (2025) Discovery of Gut-Restricted PRMT5 Inhibitors to Intercept Colorectal Cancer in Patients with Genetic Loss of Tumor Suppressor Adenomatous Polyposis Coli. *Journal of medicinal chemistry*.

Evans AE, et al. (2025) The XPO1 Inhibitor Eltanexor Modulates the Wnt/??-Catenin Signaling Pathway to Reduce Colorectal Cancer Tumorigenesis. *Cancer research communications*, 5(7), 1140.

Sun Y, et al. (2024) Integrative plasma and fecal metabolomics identify functional metabolites in adenoma-colorectal cancer progression and as early diagnostic biomarkers. *Cancer cell*, 42(8), 1386.

Huang P, et al. (2024) *Peptostreptococcus stomatis* promotes colonic tumorigenesis and receptor tyrosine kinase inhibitor resistance by activating ERBB2-MAPK. *Cell host & microbe*, 32(8), 1365.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Tong Y, et al. (2023) Tubeimuside I improves the efficacy of a therapeutic *Fusobacterium nucleatum* dendritic cell-based vaccine against colorectal cancer. *Frontiers in immunology*, 14, 1154818.

Kang X, et al. (2023) Altered gut microbiota of obesity subjects promotes colorectal carcinogenesis in mice. *EBioMedicine*, 93, 104670.

Sun L, et al. (2023) Bile salt hydrolase in non-enterotoxigenic *Bacteroides* potentiates colorectal cancer. *Nature communications*, 14(1), 755.