

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

STOCK Yap1^{tm1.1Dupa/J}

RRID:IMSR_JAX:027929

Type: Organism

Proper Citation

RRID:IMSR_JAX:027929

Organism Information

URL: <https://www.jax.org/strain/027929>

Proper Citation: RRID:IMSR_JAX:027929

Description: Mus musculus with name STOCK Yap1^{tm1.1Dupa/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: yes-associated protein 1; mutant stock: Yap1

Affected Gene: yes-associated protein 1

Genomic Alteration: targeted mutation 1.1; DuoJia Pan

Catalog Number: JAX:027929

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Yap1^{tm1.1Dupa/J}

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260919T054947+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Yap1^{tm1.1Dupa/J}.

No alerts have been found for STOCK Yap1^{tm1.1Dupa/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

McKimpson WM, et al. (2026) Activation of a Yap1-mesenchymal-like program in ??-cells during diabetes. Cell reports, 45(7), 117596.

Abraham E, et al. (2026) YAP1 and QSER1 are key modulators of embryonic signaling pathways in the mammalian epiblast. EMBO reports, 27(9), 2369.

Mu R, et al. (2026) Yap mediates Hippo signaling to balance proliferation and differentiation in the developing glandular stomach epithelium. Cell reports, 45(7), 117644.

Zhu Q, et al. (2025) Procr+ chondroprogenitors sense mechanical stimuli to govern articular cartilage maintenance and regeneration. Cell.

Abraham E, et al. (2025) A retinoic acid:YAP1 signaling axis controls atrial lineage commitment. Cell reports, 44(5), 115687.

Liu Y, et al. (2025) Disrupting bile acid metabolism by suppressing Fxr causes hepatocellular carcinoma induced by YAP activation. Nature communications, 16(1), 3583.

Zhang L, et al. (2024) Regulation of muscle hypertrophy through granulin: Relayed communication among mesenchymal progenitors, macrophages, and satellite cells. Cell reports, 43(4), 114052.

Kaneshige A, et al. (2022) Relayed signaling between mesenchymal progenitors and muscle stem cells ensures adaptive stem cell response to increased mechanical load. Cell stem cell, 29(2), 265.

De Chiara L, et al. (2022) Tubular cell polyploidy protects from lethal acute kidney injury but promotes consequent chronic kidney disease. Nature communications, 13(1), 5805.

Goodwin K, et al. (2022) Patterning the embryonic pulmonary mesenchyme. iScience, 25(3), 103838.

Ohara TE, et al. (2022) Adaptive differentiation promotes intestinal villus recovery. Developmental cell, 57(2), 166.

Gokey JJ, et al. (2021) YAP regulates alveolar epithelial cell differentiation and AGER via NFIB/KLF5/NKX2-1. iScience, 24(9), 102967.

Zhang L, et al. (2019) The CalcR-PKA-Yap1 Axis Is Critical for Maintaining Quiescence in Muscle Stem Cells. Cell reports, 29(8), 2154.