

# Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

## B6(Cg)-Ctnnb1<sup>tm1Knw/J</sup>

RRID:IMSR\_JAX:022775

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:022775

### Organism Information

**URL:** <https://www.jax.org/strain/022775>

**Proper Citation:** RRID:IMSR\_JAX:022775

**Description:** Mus musculus with name B6(Cg)-Ctnnb1<sup>tm1Knw/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: catenin beta 1; mutant strain: Ctnnb1

**Affected Gene:** catenin beta 1

**Genomic Alteration:** targeted mutation 1; Barbara B Knowles

**Catalog Number:** JAX:022775

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6(Cg)-Ctnnb1<sup>tm1Knw/J</sup>

**Record Creation Time:** 20250513T053746+0000

**Record Last Update:** 20260815T050658+0000

### Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Ctnnb1<sup>tm1Knw/J</sup>.

No alerts have been found for B6(Cg)-Ctnnb1<sup>tm1Knw/J</sup>.

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hanna J, et al. (2025) Glycolytic flux controls retinal progenitor cell differentiation via regulating Wnt signaling. eLife, 13.

Touahri Y, et al. (2024) Pten regulates endocytic trafficking of cell adhesion and Wnt signaling molecules to pattern the retina. Cell reports, 43(4), 114005.

Harb H, et al. (2021) Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. Immunity, 54(6), 1186.

Gambini A, et al. (2020) Developmentally Programmed Tankyrase Activity Upregulates  $\beta$ -Catenin and Licenses Progression of Embryonic Genome Activation. Developmental cell, 53(5), 545.