

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[Ctnnb1^{tm1\(Nfkbia\)Rsu/Ctnnb1⁺}](#)

RRID:MGI:3706574

Type: Organism

Proper Citation

RRID:MGI:3706574

Organism Information

URL:

Proper Citation: RRID:MGI:3706574

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal nitric oxide homeostasis, small molars, abnormal macrophage physiology, abnormal peripheral lymph node morphology, abnormal intestinal goblet cell morphology, narrow eye opening, dry eyes, small Peyer's patches, liver hemorrhage, lethargy, decreased Peyer's patch number, kinked tail, tremors, misaligned incisors, increased susceptibility to parasitic infection, sparse vibrissae, increased susceptibility to otitis media, abnormal corneal epithelium morphology, abnormal corneal stroma morphology, keratoconjunctivitis sicca, Harderian gland atrophy, abnormal eye morphology, abnormal eyelid margin morphology, increased hepatocyte apoptosis, increased granulocyte number, increased leukocyte cell number, impaired balance, hunched posture, growth retardation of molars, growth retardation of incisors, short incisors, increased inflammatory response, small axillary lymph nodes, small brachial lymph nodes, abnormal cervical lymph node morphology, premature death, abnormal foot pad morphology, abnormal coat appearance, gastrointestinal hemorrhage, early eyelid opening, domed cranium, decreased litter size, decreased hair follicle number, decreased body size, deafness, conjunctivitis, blindness, alopecia, absent Meibomian glands, absent peripheral lymph nodes, prenatal lethality, incomplete penetrance, absent hair follicles, abnormal hair follicle development, absent Peyer's patches, abnormal vibrissa follicle morphology, abnormal sweat gland morphology, increased hair follicle apoptosis, abnormal hair growth, abnormal coat/ hair morphology, abnormal small intestine morphology, absent popliteal lymph nodes

Affected Gene: Ctnnb1

Genomic Alteration: tm1(Nfkbia)Rsu

Catalog Number: 3706574

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11585809](#)

Organism Name: Cttnb1^{tm1(Nfkbia)Rsu}/Cttnb1⁺

Record Creation Time: 20240120T190525+0000

Record Last Update: 20240130T201945+0000

Ratings and Alerts

No rating or validation information has been found for Cttnb1^{tm1(Nfkbia)Rsu}/Cttnb1⁺.

No alerts have been found for Cttnb1^{tm1(Nfkbia)Rsu}/Cttnb1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.