

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

STOCK *Dicer1^{tm1Tara}/Mmnc*

RRID:MMRRC_015388-UNC

Type: Organism

Proper Citation

RRID:MMRRC_015388-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15388

Proper Citation: RRID:MMRRC_015388-UNC

Description: Mus musculus with name STOCK *Dicer1^{tm1Tara}/Mmnc* from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Cardiovascular, Cell Biology, Dermatology, Developmental Biology, Diabetes, Endocrine Deficiency, Hematology, Immunology and Inflammation, Internal/Organ, Metabolism, Neurobiology, Reproduction, Sensorineural, Virology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal coat/ hair morphology [MP:0000367]| abnormal hair follicle morphology [MP:0000377]| abnormal thymus morphology [MP:0000703]| decreased body size [MP:0001265]| increased metastatic potential [MP:0001272]| dehydration [MP:0001429]| abnormal thymus involution [MP:0001824]| increased carcinoma incidence [MP:0002038]| premature death [MP:0002083]| abnormal vibrissa morphology [MP:0002098]| abnormal thymus cortex morphology [MP:0002371]| abnormal thymus medulla morphology [MP:0002375]| epidermal cyst [MP:0003414]| abnormal oviduct morphology [MP:0003574]| increased ovarian carcinoma incidence [MP:0003579]| abnormal hair follicle development [MP:0003704]| increased susceptibility to induced arthritis [MP:0003724]| abnormal thymus physiology [MP:0003763]| abnormal positive T cell selection [MP:0004919]| ascites [MP:0005324]| abnormal skin physiology [MP:0005501]| increased apoptosis [MP:0006042]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008079]| decreased CD8-positive [MP:0009544]| alpha-beta T cell number [MP:0009931]| abnormal thymus epithelium morphology [MP:0011085]

Affected Gene: Dicer1

Catalog Number: 015388-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16462742](#)

Alternate IDs: MMRRC_15388-UNC, MMRRC_015388, MMRRC_15388

Organism Name: STOCK *Dicer1^{tm1Tara}/Mmnc*

Record Creation Time: 20230308T054935+0000

Record Last Update: 20260912T134332+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Dicer1^{tm1Tara}/Mmnc*.

No alerts have been found for STOCK *Dicer1^{tm1Tara}/Mmnc*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kommoss FKF, et al. (2026) Spatial single cell transcriptomic analysis informs tumor developmental hierarchy of DICER1 syndrome related sarcoma. Nature communications, 17(1).

Wang Y, et al. (2023) Biallelic Dicer1 Mutations in the Gynecologic Tract of Mice Drive Lineage-Specific Development of DICER1 Syndrome-Associated Cancer. Cancer research, 83(21), 3517.