

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

C57BL/6N-A^{tm1Brd} *Tnni1*^{tm3a(EUCOMM)}Hmgu /BayMmucd

RRID:MMRRC_041250-UCD

Type: Organism

Proper Citation

RRID:MMRRC_041250-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41250

Proper Citation: RRID:MMRRC_041250-UCD

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} *Tnni1*^{tm3a(EUCOMM)}Hmgu /BayMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: BaSH EUCOMM

Phenotype: increased brown adipose tissue amount [MP:0000005]| diluted coat color [MP:0000371]| irregular coat pigmentation [MP:0000372]| mottled coat [MP:0000421]| increased body length [MP:0001257]| obese [MP:0001261]| abnormal eye pigmentation [MP:0001324]| hyperactivity [MP:0001399]| hypoactivity [MP:0001402]| polyphagia [MP:0001433]| abnormal coat appearance [MP:0001510]| abnormal coat/hair pigmentation [MP:0002075]| abnormal skin pigmentation [MP:0002095]| increased liver weight [MP:0002981]| yellow coat color [MP:0003136]| decreased eye pigmentation [MP:0005172]| abnormal tail pigmentation [MP:0005174]| darkened coat color [MP:0005409]| increased susceptibility to weight gain [MP:0005455]| increased percent body fat/body weight [MP:0005458]| increased circulating leptin level [MP:0005669]| abnormal hair follicle pheomelanosome pheomelanin content [MP:0006370]| abnormal ventral coat pigmentation [MP:0008237]| abnormal dorsoventral coat patterning [MP:0008238]| increased gonadal fat pad weight [MP:0009285]| increased inguinal fat pad weight [MP:0009292]| increased retroperitoneal fat pad weight [MP:0009304]| decreased tail pigmentation [MP:0011277]| decreased ear pigmentation [MP:0011279]| variegated eye pigmentation pattern [MP:0011551]| increased food intake [MP:0011939]

Affected Gene: *Tnni1*

Catalog Number: 041250-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_41250-UCD, MMRRC_041250, MMRRC_4125

Organism Name: C57BL/6N-A^{tm1Brd} *Tnni1*^{tm3a(EUCOMM)}Hmgu/BayMmucd

Record Creation Time: 20230308T055217+0000

Record Last Update: 20260912T134953+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A^{tm1Brd} *Tnni1*^{tm3a(EUCOMM)}Hmgu/BayMmucd.

No alerts have been found for C57BL/6N-A^{tm1Brd} *Tnni1*^{tm3a(EUCOMM)}Hmgu/BayMmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.