

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

C57BL/6N-A^{tm1Brd} *Chil4*^{tm1b(EUCOMM)}Hmgu /WtsiMmucd

RRID:MMRRC_065416-UCD

Type: Organism

Proper Citation

RRID:MMRRC_065416-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=65416

Proper Citation: RRID:MMRRC_065416-UCD

Description: Mus musculus with name C57BL/6N-A^{tm1Brd} *Chil4*^{tm1b(EUCOMM)}Hmgu /WtsiMmucd from MMRRC.

Species: Mus musculus

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

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: |Chil4|

Catalog Number: 065416-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_65416-UCD, MMRRC_065416, MMRRC_65416

Organism Name: C57BL/6N-A^{tm1Brd} *Chil4*^{tm1b(EUCOMM)}Hmgu/WtsiMmucd

Record Creation Time: 20230308T055500+0000

Record Last Update: 20260808T124949+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-A^{tm1Brd} *Chil4*^{tm1b(EUCOMM)}Hmgu/WtsiMmucd.

No alerts have been found for C57BL/6N-A^{tm1Brd} *Chil4*^{tm1b(EUCOMM)}Hmgu/WtsiMmucd.

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.