

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

C57BL/6N-*Dbn1tm1b(KOMP)Wtsi*/Mmucd

RRID:MMRRC_047310-UCD

Type: Organism

Proper Citation

RRID:MMRRC_047310-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=47310

Proper Citation: RRID:MMRRC_047310-UCD

Description: Mus musculus with name C57BL/6N-*Dbn1tm1b(KOMP)Wtsi*/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: abnormal vertebrae morphology [MP:0000137]| enlarged heart [MP:0000274]| enlarged liver sinusoidal spaces [MP:0000602]| abnormal forebrain morphology [MP:0000783]| abnormal telencephalon morphology [MP:0000787]| increased circulating phosphate level [MP:0001566]| abnormal embryo size [MP:0001697]| increased heart weight [MP:0002833]| decreased rib number [MP:0003345]| abnormal bone structure [MP:0003795]| increased lean body mass [MP:0003960]| decreased circulating serum albumin level [MP:0005419]| increased circulating creatinine level [MP:0005553]| abnormal brain white matter morphology [MP:0008026]| abnormal brain internal capsule morphology [MP:0008128]| abnormal cervical rib [MP:0008922]| decreased mean platelet volume [MP:0008935]| decreased total body fat amount [MP:0010025]| increased red blood cell distribution width [MP:0010067]| preweaning lethality [MP:0011100]| complete penetrance [MP:0011110]| preweaning lethality [MP:0011396]| incomplete penetrance [MP:0011965]| abnormal sleep behavior [MP:0013278]| decreased total retina thickness [MP:0013824]| decreased fasted circulating glucose level [MP:0013826]| abnormal hypoglossal canal morphology [MP:0013834]| absent hypoglossal canal [MP:0013835]| thin hypoglossal nerve [MP:0013915]| absent hypoglossal nerve [MP:0014017]

Affected Gene: Dbn1

Catalog Number: 047310-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_47310-UCD, MMRRC_047310, MMRRC_4731

Organism Name: C57BL/6N-*Dbn1tm1b(KOMP)Wtsi*/Mmucd

Record Creation Time: 20230308T055248+0000

Record Last Update: 20260801T124634+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Dbn1tm1b(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Dbn1tm1b(KOMP)Wtsi*/Mmucd.

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.