

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

C57BL/6N-Usp22tm1a(KOMP)Wtsi/Mmucd

RRID:MMRRC_050299-UCD

Type: Organism

Proper Citation

RRID:MMRRC_050299-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50299

Proper Citation: RRID:MMRRC_050299-UCD

Description: Mus musculus with name C57BL/6N-Usp22tm1a(KOMP)Wtsi/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: increased granulocyte number [MP:0000322]| abnormal intestinal epithelium morphology [MP:0000488]| abnormal small intestine morphology [MP:0000496]| abnormal cerebral cortex morphology [MP:0000788]| abnormal stratification in cerebral cortex [MP:0000790]| decreased body weight [MP:0001262]| postnatal growth retardation [MP:0001732]| decreased lumbar vertebrae number [MP:0004647]| abnormal cell differentiation [MP:0005076]| abnormal cortical plate morphology [MP:0008439]| increased sacral vertebrae number [MP:0010101]| abnormal intestinal enteroendocrine cell morphology [MP:0010802]| preweaning lethality [MP:0011100]| complete penetrance [MP:0011827]| impaired neuron differentiation [MP:0013294]| prenatal lethality prior to heart atrial septation [MP:0013485]| increased Paneth cell number [MP:0013794]

Affected Gene: Usp22

Catalog Number: 050299-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_50299-UCD, MMRRC_050299, MMRRC_5299

Organism Name: C57BL/6N-*Usp22tm1a(KOMP)Wtsi*/Mmucd

Record Creation Time: 20230308T055311+0000

Record Last Update: 20260725T164435+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-*Usp22tm1a(KOMP)Wtsi*/Mmucd.

No alerts have been found for C57BL/6N-*Usp22tm1a(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.