

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

KOMP ES cell line *Cert1tm1a(KOMP)Wtsi*

RRID:MMRRC_053954-UCD

Type: Organism

Proper Citation

RRID:MMRRC_053954-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=53954

Proper Citation: RRID:MMRRC_053954-UCD

Description: Mus musculus with name KOMP ES cell line *Cert1tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased neutrophil cell number [MP:0000222]| decreased monocyte cell number [MP:0000223]| double outlet right ventricle [MP:0000284]| abnormal forebrain morphology [MP:0000783]| abnormal nasal cavity morphology [MP:0002237]| abnormal semicircular canal morphology [MP:0002428]| persistent truncus arteriosus [MP:0002633]| decreased circulating insulin level [MP:0002727]| absent tibia [MP:0002728]| aphakia [MP:0003078]| fetal growth retardation [MP:0004201]| abnormal optic cup morphology [MP:0004269]| abnormal vertebral arch morphology [MP:0004599]| fusion of vertebral bodies [MP:0004612]| fusion of vertebral arches [MP:0004613]| decreased cervical vertebrae number [MP:0004646]| abnormal cervical rib [MP:0008922]| perimembraneous ventricular septal defect [MP:0010418]| muscular ventricular septal defect [MP:0010420]| abnormal pectinate muscle morphology [MP:0010496]| persistent right dorsal aorta [MP:0010572]| preweaning lethality [MP:0011110]| incomplete penetrance [MP:0013023]| decreased Ly6C high monocyte number [MP:0013985]| abnormal umbilical vein topology [MP:0014001]| abnormal vertebral artery topology [MP:0014021]| heterochrony [MP:0020500]

Affected Gene: |*Cert1*|

Catalog Number: 053954-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_53954-UCD, MMRRC_053954, MMRRC_53954

Organism Name: KOMP ES cell line *Cert1tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055334+0000

Record Last Update: 20260815T125839+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Cert1tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Cert1tm1a(KOMP)Wtsi*.

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.