

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

KOMP ES cell line *Chst11tm1a(KOMP)Wtsi*

RRID:MMRRC_053708-UCD

Type: Organism

Proper Citation

RRID:MMRRC_053708-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=53708

Proper Citation: RRID:MMRRC_053708-UCD

Description: Mus musculus with name KOMP ES cell line *Chst11tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: cleft palate [MP:0000111]| abnormal thymus morphology [MP:0000703]| abnormal Mullerian duct morphology [MP:0003826]| bicuspid aortic valve [MP:0010484]| cerebral arteriovenous malformation [MP:0010530]| preweaning lethality [MP:0011100]| complete penetrance [MP:0011493]| double ureter [MP:0012303]| umbilical vein stenosis [MP:0013842]| ductus venosus stenosis [MP:0013843]| hepatic portal vein stenosis [MP:0013844]| abnormal perichondrial ossification [MP:0013845]| abnormal eye muscle topology [MP:0013859]| abnormal vitelline vein connection [MP:0013971]| blood in lymph vessels [MP:0013986]| abnormal vitelline vein topology [MP:0014001]| abnormal vertebral artery topology [MP:0014003]| additional anastomosis between intracranial vertebral arteries [MP:0014019]

Affected Gene: |Chst11|

Catalog Number: 053708-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_53708-UCD, MMRRC_053708, MMRRC_5378

Organism Name: KOMP ES cell line *Chst11tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055333+0000

Record Last Update: 20260829T124700+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Chst11tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Chst11tm1a(KOMP)Wtsi*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Tao C, et al. (2022) Chondroitin sulfate enhances the barrier function of basement membrane assembled by heparan sulfate. *Development (Cambridge, England)*, 149(12).