

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

KOMP ES cell line *Dpy30tm1a(KOMP)Wtsi*

RRID:MMRRC_054784-UCD

Type: Organism

Proper Citation

RRID:MMRRC_054784-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=54784

Proper Citation: RRID:MMRRC_054784-UCD

Description: Mus musculus with name KOMP ES cell line *Dpy30tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased circulating HDL cholesterol level [MP:0000186]| failure of primitive streak formation [MP:0001693]| abnormal gastrulation [MP:0001695]| decreased embryo size [MP:0001698]| abnormal embryonic epiblast morphology [MP:0003886]| embryonic growth retardation [MP:0003984]| abnormal embryonic neuroepithelium morphology [MP:0004261]| abnormal rostral-caudal axis patterning [MP:0005221]| abnormal mesendoderm development [MP:0009266]| embryonic lethality between implantation and placentation [MP:0011095]| complete penetrance [MP:0011100]

Affected Gene: |Dpy30|

Catalog Number: 054784-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_54784-UCD, MMRRC_054784, MMRRC_54784

Organism Name: KOMP ES cell line *Dpy30tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055341+0000

Record Last Update: 20260815T125923+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Dpy30tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Dpy30tm1a(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.