

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

KOMP ES cell line *Tmem70tm1a(KOMP)Wtsi*

RRID:MMRRC_063866-UCD

Type: Organism

Proper Citation

RRID:MMRRC_063866-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=63866

Proper Citation: RRID:MMRRC_063866-UCD

Description: Mus musculus with name KOMP ES cell line *Tmem70tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: decreased embryo size [MP:0001698]| small heart [MP:0002188]| oxidative stress [MP:0003674]| delayed somite formation [MP:0003794]| embryonic growth retardation [MP:0003984]| delayed embryo turning [MP:0004188]| abnormal enzyme/coenzyme level [MP:0005319]| decreased ventricle muscle contractility [MP:0005598]| abnormal mitochondrial physiology [MP:0006036]| abnormal oxidative phosphorylation [MP:0010959]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0011633]| abnormal mitochondrial shape [MP:0011635]| abnormal mitochondrial crista morphology [MP:0011636]| disorganized mitochondrial cristae [MP:0012082]| delayed heart development [MP:0012708]

Affected Gene: Tmem70

Catalog Number: 063866-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_63866-UCD, MMRRC_063866, MMRRC_63866

Organism Name: KOMP ES cell line *Tmem70tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055448+0000

Record Last Update: 20260725T164733+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Tmem70tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Tmem70tm1a(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.