

Resource Summary Report

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

KOMP ES cell line *Pkn2tm1a(KOMP)Wtsi*

RRID:MMRRC_060318-UCD

Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=60318

Proper Citation: RRID:MMRRC_060318-UCD

Description: Mus musculus with name KOMP ES cell line *Pkn2tm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal vascular development [MP:0000259]| open neural tube [MP:0000929]| abnormal somite development [MP:0001688]| abnormal embryo turning [MP:0001700]| absent vitelline blood vessels [MP:0001719]| disorganized yolk sac vascular plexus [MP:0001723]| pericardial edema [MP:0001787]| abnormal developmental patterning [MP:0002084]| abnormal neural tube morphology [MP:0002151]| no abnormal phenotype detected [MP:0002169]| abnormal neural crest cell migration [MP:0002950]| abnormal vitelline vasculature morphology [MP:0003229]| absent pharyngeal arches [MP:0003874]| abnormal rostral-caudal body axis extension [MP:0003885]| abnormal neural fold formation [MP:0004837]| abnormal mesenchyme morphology [MP:0006301]| craniorachischisis [MP:0008784]| delayed heart looping [MP:0009328]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0011702]| abnormal fibroblast proliferation [MP:0012176]| abnormal head development [MP:0013925]| abnormal vascular plexus formation [MP:0014138]

Affected Gene: |Pkn2|

Catalog Number: 060318-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_60318-UCD, MMRRC_060318, MMRRC_6318

Organism Name: KOMP ES cell line *Pkn2tm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055422+0000

Record Last Update: 20260725T164648+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Pkn2tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Pkn2tm1a(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 [RRID](#) .

Murray ER, et al. (2022) Disruption of pancreatic stellate cell myofibroblast phenotype promotes pancreatic tumor invasion. Cell reports, 38(4), 110227.