

Resource Summary Report

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

[Pkn^{ox1}](#)[tm1Fbl](#)/[Pkn^{ox1}](#)[tm1Fbl](#)

RRID:MGI:4839417

Type: Organism

Proper Citation

RRID:MGI:4839417

Organism Information

URL:

Proper Citation: RRID:MGI:4839417

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal pluripotent precursor cell morphology, decreased embryo size, embryonic growth retardation, abnormal embryonic tissue morphology, failure of primitive streak formation, abnormal visceral endoderm morphology, absent anterior visceral endoderm, absent mesoderm, abnormal extraembryonic tissue morphology, embryonic lethality between implantation and somite formation, complete penetrance

Affected Gene: Pkn^{ox1}

Genomic Alteration: tm1Fbl

Catalog Number: 4839417

Background: B6.Cg-Pkn^{ox1}

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20826531](#)

Organism Name: Pkn^{ox1}tm1Fbl/Pkn^{ox1}tm1Fbl

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Pknox1^{tm1Fbla}/Pknox1^{tm1Fbla}.

No alerts have been found for Pknox1^{tm1Fbla}/Pknox1^{tm1Fbla}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.