

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[Pkn^{ox1}^{tm1Fbla}/Pkn^{ox1}^{tm1Fbla}; Trp⁵³^{tm1Tyj}/Trp⁵³^{tm1Tyj}](#)

RRID:MGI:4839564

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4839564

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

Species: Mus musculus

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

Phenotype: embryonic growth retardation, abnormal embryonic epiblast morphology, abnormal pluripotent precursor cell morphology, abnormal extraembryonic endoderm formation, abnormal embryo development, embryonic lethality, complete penetrance

Affected Gene: Pkn^{ox1}, Trp⁵³

Genomic Alteration: tm1Tyj, tm1Fbla

Catalog Number: 4839564

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20826531](#)

Organism Name: Pkn^{ox1}^{tm1Fbla}/Pkn^{ox1}^{tm1Fbla}; Trp⁵³^{tm1Tyj}/Trp⁵³^{tm1Tyj}

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201811+0000

Ratings and Alerts

No rating or validation information has been found for Pknox1^{tm1Fbla}/Pknox1^{tm1Fbla}; Trp53^{tm1Tyj}/Trp53^{tm1Tyj}.

No alerts have been found for Pknox1^{tm1Fbla}/Pknox1^{tm1Fbla}; Trp53^{tm1Tyj}/Trp53^{tm1Tyj}.

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.