

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

[Psen1^{tm1Hko}](#)/[Psen1^{tm1Hko}](#)

RRID:MGI:2174992

Type: Organism

Proper Citation

RRID:MGI:2174992

Organism Information

URL:

Proper Citation: RRID:MGI:2174992

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, increased vasodilation, skin edema, intracerebral hemorrhage, abnormal rostral-caudal patterning of the somites, abnormal vertebral column morphology, absent vertebral pedicles, abnormal vertebral lamina morphology, abnormal vertebral body morphology, abnormal sclerotome morphology, short tail, decreased capillary density, abnormal capillary morphology, caudal body truncation, abnormal angiogenesis, abnormal rib morphology, abnormal vascular endothelial cell morphology, abnormal vascular development, abnormal brain vasculature morphology, vascular stenosis, abnormal blood vessel morphology

Affected Gene: Psen1

Genomic Alteration: tm1Hko

Catalog Number: 2174992

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11262239](#), [PMID:12834865](#)

Organism Name: Psen1^{tm1Hko}/Psen1^{tm1Hko}

Record Creation Time: 20240120T190759+0000

Record Last Update: 20240130T202113+0000

Ratings and Alerts

No rating or validation information has been found for Psen1^{tm1Hko}/Psen1^{tm1Hko}.

No alerts have been found for Psen1^{tm1Hko}/Psen1^{tm1Hko}.

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.