

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

[Plxnd1^{tm1Joe}/Plxnd1^{tm1Joe}](#)

RRID:MGI:3051132

Type: Organism

Proper Citation

RRID:MGI:3051132

Organism Information

URL:

Proper Citation: RRID:MGI:3051132

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

Species: Mus musculus

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

Phenotype: abnormal intersomitic vessel morphology, enlarged heart atrium, abnormal left subclavian artery morphology, abnormal fourth pharyngeal arch artery morphology, right aortic arch, abnormal vascular smooth muscle morphology, abnormal sixth pharyngeal arch artery morphology, abnormal artery morphology, cyanosis, abnormal heart atrium morphology, abnormal ascending aorta and coronary artery attachment, aberrant origin of the right subclavian artery, persistent truncus arteriosus, increased angiogenesis, absent fetal ductus arteriosus, neonatal lethality, complete penetrance

Affected Gene: Plxnd1

Genomic Alteration: tm1Joe

Catalog Number: 3051132

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:15239958](#)

Organism Name: Plxnd1^{tm1Joe}/Plxnd1^{tm1Joe}

Record Creation Time: 20240120T190653+0000

Record Last Update: 20240130T202112+0000

Ratings and Alerts

No rating or validation information has been found for Plxnd1^{tm1Joe}/Plxnd1^{tm1Joe}.

No alerts have been found for Plxnd1^{tm1Joe}/Plxnd1^{tm1Joe}.

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.