

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Vegfa^{tm4Pec}](#)/[Vegfa^{tm4Pec}](#)

RRID:MGI:3628757

Type: Organism

Proper Citation

RRID:MGI:3628757

Organism Information

URL:

Proper Citation: RRID:MGI:3628757

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

Species: Mus musculus

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

Phenotype: embryonic lethality during organogenesis, incomplete penetrance, persistent right dorsal aorta, right aortic arch, retroesophageal right subclavian artery, persistent truncus arteriosus, interrupted aortic arch, double aortic arch, pharyngeal arch hypoplasia, abnormal third pharyngeal arch artery morphology, abnormal pharyngeal arch artery morphology, abnormal sixth pharyngeal arch artery morphology, pulmonary trunk hypoplasia, abnormal vascular regression, abnormal fourth pharyngeal arch artery morphology, abnormal blood vessel morphology, ventricular septal defect, abnormal arteriole morphology, respiratory system phenotype, decreased litter size, reduced fertility, embryonic lethality during organogenesis, incomplete penetrance, decreased body weight, abnormal retinal vasculature morphology

Affected Gene: Vegfa

Genomic Alteration: tm4Pec

Catalog Number: 3628757

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12539040](#), [PMID:12053176](#), [PMID:11827992](#)

Organism Name: Vegfa^{tm4Pec}/Vegfa^{tm4Pec}

Record Creation Time: 20240120T190555+0000

Record Last Update: 20240130T202002+0000

Ratings and Alerts

No rating or validation information has been found for Vegfa^{tm4Pec}/Vegfa^{tm4Pec}.

No alerts have been found for Vegfa^{tm4Pec}/Vegfa^{tm4Pec}.

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.