

Resource Summary Report

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

[Stk4^{tm1Dlim}/Stk4^{tm1Dlim}](#); [Stk3^{tm1Dlim}/Stk3^{tm1Dlim}](#)

RRID:MGI:4414821

Type: Organism

Proper Citation

RRID:MGI:4414821

Organism Information

URL:

Proper Citation: RRID:MGI:4414821

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

Species: Mus musculus

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

Phenotype: abnormal vascular branching morphogenesis, embryonic growth retardation, abnormal blood vessel morphology, abnormal heart development, abnormal embryonic hematopoiesis, decreased embryo size, embryonic lethality during organogenesis, complete penetrance, incomplete embryo turning, abnormal embryonic neuroepithelium morphology, abnormal placenta labyrinth morphology, increased embryonic tissue cell apoptosis, abnormal vitelline vasculature morphology, abnormal vascular endothelial cell morphology, abnormal cell proliferation, abnormal angiogenesis, small ectoplacental cone, increased placenta apoptosis, decreased trophoblast giant cell number, abnormal placental transport, abnormal chorion morphology, abnormal embryo development, abnormal neural plate morphology, abnormal placental labyrinth vasculature morphology, abnormal placenta development

Affected Gene: Stk3, Stk4

Genomic Alteration: tm1Dlim

Catalog Number: 4414821

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19786569](#)

Organism Name: Stk4^{tm1Dlim}/Stk4^{tm1Dlim}; Stk3^{tm1Dlim}/Stk3^{tm1Dlim}

Record Creation Time: 20240120T190314+0000

Record Last Update: 20240130T201829+0000

Ratings and Alerts

No rating or validation information has been found for Stk4^{tm1Dlim}/Stk4^{tm1Dlim}; Stk3^{tm1Dlim}/Stk3^{tm1Dlim}.

No alerts have been found for Stk4^{tm1Dlim}/Stk4^{tm1Dlim}; Stk3^{tm1Dlim}/Stk3^{tm1Dlim}.

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.