

Resource Summary Report

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

[Arnt^{tm1Mcs}/Arnt^{tm1Mcs}](#)

RRID:MGI:2176445

Type: Organism

Proper Citation

RRID:MGI:2176445

Organism Information

URL:

Proper Citation: RRID:MGI:2176445

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

Species: Mus musculus

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

Phenotype: abnormal angiogenesis, abnormal trophoblast layer morphology, abnormal spongiotrophoblast layer morphology, abnormal placenta development, impaired hematopoiesis, absent placental labyrinth, abnormal trophoblast giant cell morphology, embryonic growth retardation, abnormal chorionic plate morphology, embryonic lethality, complete penetrance, cardiovascular system phenotype, cellular phenotype, abnormal visceral yolk sac morphology, absent vitelline blood vessels, disorganized yolk sac vascular plexus, decreased embryo size, cellular phenotype

Affected Gene: Arnt

Genomic Alteration: tm1Mcs

Catalog Number: 2176445

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:11124810](#), [PMID:10521392](#), [PMID:9121557](#)

Organism Name: Arnt^{tm1Mcs}/Arnt^{tm1Mcs}

Record Creation Time: 20240120T190753+0000

Record Last Update: 20240130T202110+0000

Ratings and Alerts

No rating or validation information has been found for Arnt^{tm1Mcs}/Arnt^{tm1Mcs}.

No alerts have been found for Arnt^{tm1Mcs}/Arnt^{tm1Mcs}.

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.