

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[Arl6^{tm2Vcs}/Arl6^{tm2Vcs}](#)

RRID:MGI:5310750

Type: Organism

Proper Citation

RRID:MGI:5310750

Organism Information

URL:

Proper Citation: RRID:MGI:5310750

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

Species: Mus musculus

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

Phenotype: absent sperm flagellum, absent photoreceptor outer segment, wide cranial sutures, male infertility, decreased brain ependyma motile cilium number, increased heart rate, behavior/neurological phenotype, increased percent body fat/body weight, domed cranium, abnormal retinal photoreceptor morphology, absent photoreceptor inner segment, abnormal retinal outer nuclear layer morphology, abnormal retinal neuronal layer morphology, vision/eye phenotype, increased systemic arterial blood pressure, cellular phenotype, abnormal brain ependyma motile cilium physiology, abnormal sympathetic nervous system physiology, abnormal brain ependyma motile cilium morphology, hydrocephaly, abnormal brain ventricular system morphology, thin cerebral cortex, small hippocampus, abnormal telencephalon morphology, decreased striatum area

Affected Gene: Arl6

Genomic Alteration: tm2Vcs

Catalog Number: 5310750

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:22139371](#)

Organism Name: Arl6^{tm2Vcs}/Arl6^{tm2Vcs}

Record Creation Time: 20240120T190155+0000

Record Last Update: 20240130T201747+0000

Ratings and Alerts

No rating or validation information has been found for Arl6^{tm2Vcs}/Arl6^{tm2Vcs}.

No alerts have been found for Arl6^{tm2Vcs}/Arl6^{tm2Vcs}.

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.