

Resource Summary Report

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

[Smoc1^{tm1a\(EUCOMM\)Wtsi}/Smoc1^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5056093

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5056093

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

Species: Mus musculus

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

Phenotype: iris coloboma, decreased embryo size, syndactyly, retina coloboma, abnormal retinal pigment epithelium morphology, absent fibula, cleft palate, decreased body size, neonatal lethality, complete penetrance, optic nerve hypoplasia

Affected Gene: Smoc1

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 5056093

Background: C57BL/6N-Smoc1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21750680](#)

Organism Name: Smoc1^{tm1a(EUCOMM)Wtsi}/Smoc1^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T190216+0000

Record Last Update: 20240130T201759+0000

Ratings and Alerts

No rating or validation information has been found for Smoc1^{tm1a(EUCOMM)Wtsi}/Smoc1^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Smoc1^{tm1a(EUCOMM)Wtsi}/Smoc1^{tm1a(EUCOMM)Wtsi}.

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.