

Resource Summary Report

Generated by [T1D](#) on Sep 6, 2026

[Slx4^{tm1a\(EUCOMM\)Wtsi}](#)/[Slx4^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:4938269

Type: Organism

Proper Citation

RRID:MGI:4938269

Organism Information

URL:

Proper Citation: RRID:MGI:4938269

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

Species: Mus musculus

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

Phenotype: abnormal eyelid aperture, impaired glucose tolerance, nervous system phenotype, increased circulating glucose level, increased erythrocyte cell number, lethality throughout fetal growth and development, incomplete penetrance, abnormal male germ cell apoptosis, microphthalmia, abnormal eye morphology, abnormal cranium morphology, increased caudal vertebrae number, obstructive hydrocephaly, oligozoospermia, abnormal cornea morphology, abnormal cerebral cortex morphology, perinatal lethality, incomplete penetrance, postnatal growth retardation, azoospermia, abnormal tooth morphology, abnormal third ventricle morphology, reduced female fertility, reduced male fertility, vertebral fusion, abnormal pupil morphology, early cellular replicative senescence, hydrocephaly, abnormal primordial germ cell morphology, abnormal lymphopoiesis, abnormal iris morphology, increased physiological sensitivity to xenobiotic, increased sensitivity to induced cell death, thin cerebral cortex, absent corpus luteum, absent mature ovarian follicles, absent oocytes, absent optic nerve, anophthalmia, abnormal spermatogenesis, abnormal spine curvature, abnormal retinal vasculature morphology, chromosomal instability, corneal opacity, decreased body size, decreased body weight, decreased common myeloid progenitor cell number, decreased leukocyte cell number, decreased litter size, thrombocytopenia, dilated lateral ventricles, domed cranium, enlarged cranium

Affected Gene: Slx4

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 4938269

Background: C57BL/6N-Slx4

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22922648](#), [PMID:21240276](#)

Organism Name: Slx4^{tm1a(EUCOMM)Wtsi}/Slx4^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T190232+0000

Record Last Update: 20240130T201807+0000

Ratings and Alerts

No rating or validation information has been found for Slx4^{tm1a(EUCOMM)Wtsi}/Slx4^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Slx4^{tm1a(EUCOMM)Wtsi}/Slx4^{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.