

Resource Summary Report

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C57BL/6N-Slx4tm1a(EUCOMM)Wtsi/MbpMmucd

RRID:MMRRC_049772-UCD

Type: Organism

Proper Citation

RRID:MMRRC_049772-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=49772

Proper Citation: RRID:MMRRC_049772-UCD

Description: Mus musculus with name C57BL/6N-Slx4tm1a(EUCOMM)Wtsi/MbpMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: increased bone mineral density [MP:0000062]| decreased leukocyte cell number [MP:0000221]| abnormal cranium morphology [MP:0000438]| enlarged cranium [MP:0000439]| domed cranium [MP:0000440]| abnormal cerebral cortex morphology [MP:0000788]| dilated lateral ventricles [MP:0000825]| abnormal third ventricle morphology [MP:0000826]| obstructive hydrocephaly [MP:0000917]| absent mature ovarian follicles [MP:0001132]| absent corpus luteum [MP:0001134]| abnormal spermatogenesis [MP:0001156]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| anophthalmia [MP:0001293]| microphthalmia [MP:0001297]| abnormal cornea morphology [MP:0001312]| corneal opacity [MP:0001314]| abnormal pupil morphology [MP:0001317]| abnormal iris morphology [MP:0001322]| absent optic nerve [MP:0001333]| postnatal growth retardation [MP:0001732]| hydroencephaly [MP:0001891]| reduced male fertility [MP:0001922]| reduced female fertility [MP:0001923]| decreased litter size [MP:0001935]| abnormal eye morphology [MP:0002092]| abnormal tooth morphology [MP:0002100]| abnormal lymphopoiesis [MP:0002401]| oligozoospermia [MP:0002687]| abnormal eye size [MP:0002697]| abnormal retinal vasculature morphology [MP:0002792]| increased erythrocyte cell number [MP:0003131]| thrombocytopenia [MP:0003179]| abnormal eyelid aperture [MP:0003671]| abnormal spine curvature [MP:0004174]| vertebral fusion [MP:0004609]| absent oocytes [MP:0004805]| azoospermia [MP:0005159]| impaired glucose tolerance [MP:0005293]| increased circulating glucose level [MP:0005559]| abnormal placement of pupils [MP:0006241]| thin cerebral cortex [MP:0006254]| early cellular replicative senescence [MP:0008008]

abnormal male germ cell apoptosis [MP:0008280]] abnormal primordial germ cell morphology [MP:0008391]] decreased common myeloid progenitor cell number [MP:0008813]] chromosomal instability [MP:0008866]] increased physiological sensitivity to xenobiotic [MP:0008873]] increased sensitivity to induced cell death [MP:0008943]] increased caudal vertebrae number [MP:0010102]] perinatal lethality [MP:0011090]] incomplete penetrance [MP:0011109]

Affected Gene: Slx4

Catalog Number: 049772-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_49772-UCD, MMRRC_049772, MMRRC_49772

Organism Name: C57BL/6N-Slx4^{tm1a}(EUCOMM)Wtsi/MbpMmucd

Record Creation Time: 20230308T055307+0000

Record Last Update: 20260808T124438+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Slx4^{tm1a}(EUCOMM)Wtsi/MbpMmucd.

No alerts have been found for C57BL/6N-Slx4^{tm1a}(EUCOMM)Wtsi/MbpMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.