

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[Cux1^{tm1Mbu}/Cux1^{tm1Mbu}](#)

RRID:MGI:3051016

Type: Organism

Proper Citation

RRID:MGI:3051016

Organism Information

URL:

Proper Citation: RRID:MGI:3051016

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

Species: Mus musculus

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

Phenotype: abnormal pulmonary alveolar duct morphology, abnormal hair shaft morphology, postnatal growth retardation, abnormal lung development, sparse hair, neonatal lethality, incomplete penetrance, absent auchene hairs, absent hair follicle inner root sheath, abnormal alveolocapillary membrane morphology, absent awl hair, absent zigzag hairs, short vibrissae, absent guard hair, abnormal lung morphology, cyanosis, abnormal hair follicle morphology, curly vibrissae, abnormal hair follicle orientation

Affected Gene: Cux1

Genomic Alteration: tm1Mbu

Catalog Number: 3051016

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11544187](#)

Organism Name: Cux1^{tm1Mbu}/Cux1^{tm1Mbu}

Record Creation Time: 20240120T190653+0000

Record Last Update: 20240130T202035+0000

Ratings and Alerts

No rating or validation information has been found for Cux1^{tm1Mbu}/Cux1^{tm1Mbu}.

No alerts have been found for Cux1^{tm1Mbu}/Cux1^{tm1Mbu}.

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.