

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Chuk^{tm1Mka}](#)/[Chuk^{tm1Mka}](#)

RRID:MGI:3609030

Type: Organism

Proper Citation

RRID:MGI:3609030

Organism Information

URL:

Proper Citation: RRID:MGI:3609030

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

Species: *Mus musculus*

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

Phenotype: abnormal eyelid morphology, abnormal enamel knot morphology, abnormal vibrissa follicle morphology, abnormal molar cusp morphology, abnormal incisor morphology, thick skin, eyelids open at birth, short mandible, abnormal limb morphology, short sternum, absent epidermis stratum granulosum, abnormal cranium morphology, interdigital webbing, epidermal hyperplasia, absent epidermis stratum corneum, abnormal epidermis stratum spinosum morphology, abnormal skin morphology, abnormal phalanx morphology, abnormal keratinocyte differentiation, decreased bone mineralization, abnormal skin physiology, abnormal sacral vertebrae morphology, abnormal placenta vasculature, cervical vertebral fusion, tight skin, shortened head, short snout, abnormal apical ectodermal ridge morphology, cellular phenotype, short limbs, small thoracic cage, short vertebral column, sacral vertebral fusion, small sacral vertebrae, small vomer bone, abnormal nasal capsule morphology, omphalocele, neonatal lethality, complete penetrance, anotia, abnormal tail morphology, abnormal forelimb morphology, decreased cranium height, abnormal corneal stroma morphology, abnormal chondrocyte differentiation, abnormal conjunctiva morphology, abnormal digit morphology, syndactyly, small cranium, decreased birth body size, delayed bone ossification, abnormal anterior eye segment morphology, disorganized corneal epithelium, split xiphoid process, abnormal epidermis suprabasal layer morphology, esophageal atresia, thick epidermis, small nasal septum, abnormal presphenoid bone morphology, small parietal bone, small interparietal bone, wide frontal bone, abnormal zygomatic bone morphology

Affected Gene: *Chuk*

Genomic Alteration: tm1Mka

Catalog Number: 3609030

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6J * DBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11053261](#), [PMID:14960276](#), [PMID:10195896](#)

Organism Name: Chuk^{tm1Mka}/Chuk^{tm1Mka}

Record Creation Time: 20240120T190614+0000

Record Last Update: 20240130T202013+0000

Ratings and Alerts

No rating or validation information has been found for Chuk^{tm1Mka}/Chuk^{tm1Mka}.

No alerts have been found for Chuk^{tm1Mka}/Chuk^{tm1Mka}.

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.