

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Cyp26a1^{tm1.1Hmd}/Cyp26a1^{tm1.1Hmd}; Cyp26c1^{tm1.1Keya}/Cyp26c1^{tm1.1Keya}](#)

RRID:MGI:3707681

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3707681

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

Species: Mus musculus

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

Phenotype: abnormal nervous system development, open neural tube, abnormal hindbrain development, abnormal rhombomere morphology, second pharyngeal arch hypoplasia, abnormal head morphology, abnormal ectomesenchyme morphology, cochlear ganglion hypoplasia, abnormal facial morphology, microcephaly, truncated tail bud, forebrain hypoplasia, increased hindbrain size, midbrain hypoplasia, embryonic lethality during organogenesis, complete penetrance, abnormal neural crest cell migration, nervous system phenotype, first pharyngeal arch hypoplasia, abnormal geniculate ganglion morphology, absent trigeminal ganglion, abnormal cranial ganglia morphology

Affected Gene: Cyp26a1, Cyp26c1

Genomic Alteration: tm1.1Hmd, tm1.1Keya

Catalog Number: 3707681

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17067568](#)

Organism Name: Cyp26a1^{tm1.1Hmd}/Cyp26a1^{tm1.1Hmd}; Cyp26c1^{tm1.1Keya}/Cyp26c1^{tm1.1Keya}

Record Creation Time: 20240120T190524+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Cyp26a1^{tm1.1Hmd}/Cyp26a1^{tm1.1Hmd}; Cyp26c1^{tm1.1Keya}/Cyp26c1^{tm1.1Keya}.

No alerts have been found for Cyp26a1^{tm1.1Hmd}/Cyp26a1^{tm1.1Hmd}; Cyp26c1^{tm1.1Keya}/Cyp26c1^{tm1.1Keya}.

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.