Resource Summary Report

Generated by dkNET on Sep 10, 2026

Chd7^{Ome}/Chd7^{+}

RRID:MGI:5437367
Type: Organism

Proper Citation

RRID:MGI:5437367

Organism Information

URL:

Proper Citation: RRID:MGI:5437367

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

Species: Mus musculus

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

Phenotype: small stapes obturator foramen, decreased body weight, increased periosteum thickness, increased susceptibility to otitis media, abnormal distortion product otoacoustic emission, increased or absent threshold for auditory brainstem response, circling, decreased body size, abnormal auditory tube, absent cochlear microphonics, long snout, postnatal growth retardation, reduced male fertility, abnormal stapes head morphology, abnormal middle ear morphology, abnormal stapes footplate morphology, increased cranium height, impaired hearing, impaired swimming

Affected Gene: Chd7

Genomic Alteration: Ome

Catalog Number: 5437367

Background: involves: BALB/cByJ * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:22539951

Organism Name: Chd7^{Ome}/Chd7^{+}

Record Creation Time: 20240120T190138+0000

Record Last Update: 20240130T201735+0000

Ratings and Alerts

No rating or validation information has been found for Chd7^{Ome}/Chd7^{+}.

No alerts have been found for Chd7^{Ome}/Chd7^{+}.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Tian C, et al. (2012) Otitis media in a new mouse model for CHARGE syndrome with a deletion in the Chd7 gene. PloS one, 7(4), e34944.