

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Atp6v0a4^{tm1.1Fekf}](#)/[Atp6v0a4^{tm1.1Fekf}](#)

RRID:MGI:5441585

Type: Organism

Proper Citation

RRID:MGI:5441585

Organism Information

URL:

Proper Citation: RRID:MGI:5441585

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

Species: Mus musculus

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

Phenotype: circling, abnormal motor coordination/balance, abnormal renal tubule morphology, abnormal sensory capabilities/reflexes/nociception, abnormal urine homeostasis, absent endocochlear potential, absent otoliths, head tilt, acidosis, cystolithiasis, decreased body size, decreased body weight, increased or absent threshold for auditory brainstem response, decreased urine pH, dehydration, dilated endolymphatic duct, dilated scala media, absent pinna reflex, premature death, polyuria, polydipsia, postnatal lethality, incomplete penetrance, nephrocalcinosis, increased circulating chloride level, increased blood urea nitrogen level, increased blood osmolality, impaired olfaction, impaired hearing, hypokalemia, hydronephrosis, homeostasis/metabolism phenotype, abnormal inner ear morphology

Affected Gene: Atp6v0a4

Genomic Alteration: tm1.1Fekf

Catalog Number: 5441585

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22872862](#)

Organism Name: Atp6v0a4^{tm1.1Fekf}/Atp6v0a4^{tm1.1Fekf}

Record Creation Time: 20240120T190134+0000

Record Last Update: 20240130T201733+0000

Ratings and Alerts

No rating or validation information has been found for Atp6v0a4^{tm1.1Fekf}/Atp6v0a4^{tm1.1Fekf}.

No alerts have been found for Atp6v0a4^{tm1.1Fekf}/Atp6v0a4^{tm1.1Fekf}.

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.