

Resource Summary Report

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

[Slc26a4^{tm1Egr}/Slc26a4^{tm1Egr}](#)

RRID:MGI:3697081

Type: Organism

Proper Citation

RRID:MGI:3697081

Organism Information

URL:

Proper Citation: RRID:MGI:3697081

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

Species: Mus musculus

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

Phenotype: abnormal cochlear endolymph ionic homeostasis, thin spiral ligament, endocrine/exocrine gland phenotype, abnormal stria basal cell morphology, small scala tympani, thin stria vascularis, stria vascularis degeneration, organ of Corti degeneration, absent endocochlear potential, abnormal stria marginal cell morphology, abnormal stria intermediate cell morphology, sensorineural hearing loss, dilated endolymphatic duct, dilated cochlea, decreased endocochlear potential, deafness, abnormal calcium ion homeostasis, increased or absent threshold for auditory brainstem response, head tilt, enlarged otoliths, abnormal vestibular endolymph, abnormal calcium ion homeostasis, circling, abnormal vestibular endolymph ionic homeostasis, abnormal spiral limbus morphology, dilated scala media, type II spiral ligament fibrocyte degeneration, type I spiral ligament fibrocyte degeneration, distended Reissner membrane, absent endocochlear potential, abnormal stria intermediate cell morphology, thin spiral ligament, organ of Corti degeneration, abnormal stria basal cell morphology, cochlear hair cell degeneration, enlarged otoliths, abnormal stria marginal cell morphology, stria vascularis degeneration, endocrine/exocrine gland phenotype, nonsyndromic hearing loss

Affected Gene: Slc26a4

Genomic Alteration: tm1Egr

Catalog Number: 3697081

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11152663](#), [PMID:14690057](#), [PMID:17299139](#), [PMID:17200157](#), [PMID:18562324](#), [PMID:15320950](#)

Organism Name: Slc26a4^{tm1Egr}/Slc26a4^{tm1Egr}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201949+0000

Ratings and Alerts

No rating or validation information has been found for Slc26a4^{tm1Egr}/Slc26a4^{tm1Egr}.

No alerts have been found for Slc26a4^{tm1Egr}/Slc26a4^{tm1Egr}.

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.