

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

[Slc4a5^{tm1.1Boet}/Slc4a5^{tm1.1Boet}](#)

RRID:MGI:5306985

Type: Organism

Proper Citation

RRID:MGI:5306985

Organism Information

URL:

Proper Citation: RRID:MGI:5306985

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

Species: Mus musculus

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

Phenotype: nervous system phenotype, decreased circulating renin level, decreased circulating aldosterone level, increased urine bicarbonate level, abnormal urine homeostasis, abnormal blood homeostasis, increased renal glomerular filtration rate, increased urine protein level, increased systemic arterial systolic blood pressure, increased systemic arterial diastolic blood pressure, renal tubular acidosis, polyuria, decreased circulating bicarbonate level, decreased circulating creatinine level, increased circulating atrial natriuretic factor, endocrine/exocrine gland phenotype

Affected Gene: Slc4a5

Genomic Alteration: tm1.1Boet

Catalog Number: 5306985

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22082831](#)

Organism Name: Slc4a5^{tm1.1Boet}/Slc4a5^{tm1.1Boet}

Record Creation Time: 20240120T190158+0000

Record Last Update: 20240130T201749+0000

Ratings and Alerts

No rating or validation information has been found for Slc4a5^{tm1.1Boet}/Slc4a5^{tm1.1Boet}.

No alerts have been found for Slc4a5^{tm1.1Boet}/Slc4a5^{tm1.1Boet}.

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.