Resource Summary Report

Generated by NIF on Aug 19, 2026

Bsn^{tm1Gund}/Bsn^{tm1Gund}

RRID:MGI:2652947
Type: Organism

Proper Citation

RRID:MGI:2652947

Organism Information

URL:

Proper Citation: RRID:MGI:2652947

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

Species: Mus musculus

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

Phenotype: abnormal somatic nervous system physiology, clonic seizures, abnormal retinal rod cell morphology, absent active-zone-anchored inner hair cell synaptic ribbon, myoclonus, abnormal auditory brainstem response, abnormal synaptic transmission, decreased cochlear nerve compound action potential, abnormal cochlear inner hair cell physiology, impaired hearing, abnormal cochlear inner hair cell physiology, abnormal inner hair cell synaptic ribbon morphology, abnormal synaptic vesicle number, abnormal inner hair cell synaptic ribbon morphology, premature death, impaired righting response, decreased synaptic depression, convulsive seizures, ataxia, abnormal CNS synaptic transmission, abnormal brain wave pattern, increased susceptibility to pharmacologically induced seizures

Affected Gene: Bsn

Genomic Alteration: tm1Gund

Catalog Number: 2652947

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:21092861, PMID:15829963, PMID:12628169, PMID:22933801

Organism Name: $Bsn^{tm1Gund}/Bsn^{tm1Gund}$

Record Creation Time: 20240120T190742+0000

Record Last Update: 20240130T202104+0000

Ratings and Alerts

No rating or validation information has been found for $Bsn^{tm1Gund}/Bsn^{tm1Gund}$.

No alerts have been found for $Bsn^{tm1Gund}/Bsn^{tm1Gund}$.

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 NIF .

Ryl M, et al. (2021) Genetic disruption of bassoon in two mutant mouse lines causes divergent retinal phenotypes. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(5), e21520.