

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

[Bsn<sup>tm1Gund</sup>/Bsn<sup>tm1Gund</sup>](#)

RRID:MGI:2652947

Type: Organism

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## Proper Citation

RRID:MGI:2652947

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## 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<sup>tm1Gund</sup>/Bsn<sup>tm1Gund</sup>

**Record Creation Time:** 20240120T190742+0000

**Record Last Update:** 20240130T202104+0000

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## Ratings and Alerts

No rating or validation information has been found for Bsn<sup>tm1Gund</sup>/Bsn<sup>tm1Gund</sup>.

No alerts have been found for Bsn<sup>tm1Gund</sup>/Bsn<sup>tm1Gund</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

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.