

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 13, 2026

## SD-Bsn<sup>em1lonsz</sup>

RRID:RGD\_10450489

Type: Organism

### Proper Citation

RRID:RGD\_10450489

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10450489>

**Proper Citation:** RRID:RGD\_10450489

**Description:** Rattus norvegicus with name SD-Bsn<sup>em1lonsz</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** CRISPR/Cas9 system was used to generate this mutant; sgRNA+Cas9+ plasmid was injected into zygote of SD rat that added a 2a-NpHR-EYFP-2a-ChR2-mcherry-ires-WGA-cre behind the last exon of Bsn [Institute of Neuroscience, Chinese Academy of Sciences](#)

**Catalog Number:** 10450489

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 10450489

**Organism Name:** SD-Bsn<sup>em1lonsz</sup>

**Record Creation Time:** 20230509T191946+0000

**Record Last Update:** 20260808T193741+0000

### Ratings and Alerts

No rating or validation information has been found for SD-*Bsn<sup>em1lonsz</sup>*.

No alerts have been found for SD-*Bsn<sup>em1lonsz</sup>*.

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## Data and Source Information

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

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.