

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

SD-Bsn^{em1lonsz}

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^{em1lonsz} 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^{em1lonsz}

Record Creation Time: 20230509T191946+0000

Record Last Update: 20260808T193741+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Bsn^{em1lonsz}*.

No alerts have been found for SD-*Bsn^{em1lonsz}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.