

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

SD-Bmal1^{em1Mcwi}

RRID:RGD_155598601

Type: Organism

Proper Citation

RRID:RGD_155598601

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=155598601>

Proper Citation: RRID:RGD_155598601

Description: Rattus norvegicus with name SD-Bmal1^{em1Mcwi} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a 58-base pair deletion in exon 6 in the rat Bmal1 gene of Crl:SD embryos. The deletion caused a premature stop codon in exon 6 resulting in a severe truncation of the Bmal1 protein. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 155598601

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 155598601

Organism Name: SD-Bmal1^{em1Mcwi}

Record Creation Time: 20230509T191952+0000

Record Last Update: 20260808T193750+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Bmal1*^{em1Mcwi}.

No alerts have been found for SD-*Bmal1*^{em1Mcwi}.

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.