

Resource Summary Report

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SS-ROSA26^{em1}(SB11)Mcwi

RRID:RGD_6484519

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=6484519>

Proper Citation: RRID:RGD_6484519

Description: Rattus norvegicus with name SS-ROSA26^{em1}(SB11)Mcwi from RGD.

Species: Rattus norvegicus

Notes: This strain was produced by ZFN-stimulated knockin in the rat ROSA26 locus. ZFNs targeting the sequence CCTTCCCCCTTCTTCcctcgtGATCTGCAACTGGAGTCT were injected into SS/JrHsdMcwi rat embryos along with a plasmid template incorporating the Engrailed-2 mouse splice acceptor, a loxP site, the SB11 Sleeping Beauty transposase cDNA, and SV40 polyadenylation signal to integrate the transgene by homologous recombination. The resulting animal was confirmed by sequencing both junctions to harbor the SB11 gene knocked into the rat locus and expresses SB11 transposase in every cell by immunohistochemistry. ROSA26 is a synonym for rat Thumpd3-as1 (RGD:6491660) and is used as an official symbol for rat strain nomenclature.

Catalog Number: 6484519

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryorecovery (as of 2017-08-08)

Alternate IDs: 6484519

Organism Name: SS-ROSA26^{em1}(SB11)Mcwi

Record Creation Time: 20230509T191942+0000

Record Last Update: 20260725T194253+0000

Ratings and Alerts

No rating or validation information has been found for *SS-ROSA26^{em1}(SB11)Mcwi*.

No alerts have been found for *SS-ROSA26^{em1}(SB11)Mcwi*.

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.