

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

BN.LEW-(D10Rat258 and D10Rat51)/Ssn

RRID:RRRC_00752

Type: Organism

Proper Citation

RRID:RRRC_00752

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=14695063

Proper Citation: RRID:RRRC_00752

Description: Rattus norvegicus with name BN.LEW-(D10Rat258 and D10Rat51)/Ssn from RGD.

Species: Rattus norvegicus

Notes: Severe osteopetrosis with numerous non-functioning osteoclasts. Locus on chromosome 10. Homozygotes not fertile, need to test breed to ID heterozygotes. Homozygotes have no teeth, require ground food. One of only 4 osteopetrotic mutations in rat. Genetic lesion is not yet known but mutation is inherited in an autosomal recessive manner. The candidate gene region has been localized to Chr 10 between D10Rat258 and D10Rat51. original background strain is LEW/Ssn. Deposited at [Rat Resource and Research Center](#)

Catalog Number: 00752

Background: congenic

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Sperm; Cryorecovery (as of 2024-01-11)

Alternate IDs: RGD_14695063, 14695063, RRRC_752, RRRC_0752, RRRC_00752

Organism Name: BN.LEW-(D10Rat258 and D10Rat51)/Ssn

Record Creation Time: 20230607T202008+0000

Record Last Update: 20260808T100723+0000

Ratings and Alerts

No rating or validation information has been found for BN.LEW-(*D10Rat258 and D10Rat51*)/Ssn .

No alerts have been found for BN.LEW-(*D10Rat258 and D10Rat51*)/Ssn .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.