

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

SS

RRID:RGD_69369

Type: Organism

Proper Citation

RRID:RGD_69369

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=69369>

Proper Citation: RRID:RGD_69369

Description: Rattus norvegicus with name SS from RGD.

Species: Rattus norvegicus

Notes: From a colony of Sprague-Dawley outbred rats developed by LK Dahl, Brookhaven National Laboratories, Upton, New York, selected for sensitivity to salt-induced hypertension (Dahl et al 1962a,b, Rapp 1982). Also designated S/JR by Rapp (1984), who gives an extensive review of the characteristics of the strain, and Dahl S by Mollegard, Copenhagen. Note that the Dahl selected strain has been independently inbred at the NIH, and designated DSS/N. There is likely to be confusion among these colonies unless considerable care is taken with nomenclature. Stlezin et al (1992) found that SS and SR had about 80% of DNA fingerprint bands in common, compared with 50% between SHR and WKY. According to Ginn et al, (1993) analysis of RFLPs and microsatellites suggest that SR is a reasonably good control strain for SS, though crosses between SS and unrelated normotensive strains will be useful in identifying the loci responsible for salt-induced hypertension.

Catalog Number: 69369

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 69369

Organism Name: SS

Record Creation Time: 20230509T191928+0000

Record Last Update: 20260808T193710+0000

Ratings and Alerts

No rating or validation information has been found for SS.

No alerts have been found for SS.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Isaeva E, et al. (2022) Crosstalk between epithelial sodium channels (ENaC) and basolateral potassium channels (Kir 4.1/Kir 5.1) in the cortical collecting duct. British journal of pharmacology, 179(12), 2953.