

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

SHRSP.WKY-(D1Wox29-D1Arb21)/IzmDmcr

RRID:RGD_4140406

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=4140406>

Proper Citation: RRID:RGD_4140406

Description: Rattus norvegicus with name SHRSP.WKY-(D1Wox29-D1Arb21)/IzmDmcr from RGD.

Species: Rattus norvegicus

Notes: To establish this congenic strain, the genetic region in which contains a QTL that is responsible for hypertension in SPRSP was introgressed from WKY/Izm to SHRSP/Izm by repeated backcrossing following sib-mating. This congenic strain was established to cover the QTL region between D1Wox29 and D1Arb21. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 4140406

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo

Alternate IDs: 4140406

Organism Name: SHRSP.WKY-(D1Wox29-D1Arb21)/IzmDmcr

Record Creation Time: 20230509T191940+0000

Record Last Update: 20260815T190659+0000

Ratings and Alerts

No rating or validation information has been found for SHRSP.WKY-(*D1Wox29-D1Arb21*)/IzmDmcr.

No alerts have been found for SHRSP.WKY-(*D1Wox29-D1Arb21*)/IzmDmcr.

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.