

Resource Summary Report

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

WKY.SHRSP-(D1Wox29-D1Arb21)/IzmDmcr

RRID:RGD_4140414

Type: Organism

Proper Citation

RRID:RGD_4140414

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=4140414>

Proper Citation: RRID:RGD_4140414

Description: Rattus norvegicus with name WKY.SHRSP-(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 SHRSP/Izm to WKY/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: 4140414

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 4140414

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

No alerts have been found for WKY.SHRSP-(*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.