

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

SS-*Xdh*^{em1Mcwi+/-}

RRID:RGD_405849408

Type: Organism

Proper Citation

RRID:RGD_405849408

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=405849408>

Proper Citation: RRID:RGD_405849408

Description: Rattus norvegicus with name SS-*Xdh*^{em1Mcwi+/-} from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas9 system was used to introduce a 7-bp deletion in exon 4 of rat *Xdh* gene in the SS/JrHsdMcwi embryos. This is a heterozygous strain which has decreased *Xdh* protein detected in the kidney cortex tissue as compared to the wild type littermate at 6-week old. Contact MCW rat distribution at mcwcustomrats@mcw.edu

Catalog Number: 405849408

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 405849408

Organism Name: SS-*Xdh*^{em1Mcwi+/-}

Record Creation Time: 20240716T195801+0000

Record Last Update: 20260829T185000+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Xdh*^{em1Mcwi+/-}.

No alerts have been found for SS-*Xdh*^{em1Mcwi+/-}.

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.