

Resource Summary Report

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SD-Mertk^{em1Cgen}

RRID:RGD_329322880

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=329322880>

Proper Citation: RRID:RGD_329322880

Description: Rattus norvegicus with name SD-Mertk^{em1Cgen} from RGD.

Species: Rattus norvegicus

Notes: The gRNA to rat Mertk gene, and Cas9 mRNA were co-injected into fertilized rat eggs to generate targeted knockout offspring. F0 founder animals were identified by PCR followed by sequence analysis, which were bred to wildtype rat to test germline transmission and F1 animal generation. This strain was derived from founder 6# carrying a 13934 deletion which included exons 3 to 5. Cyagen Biosciences (Guangzhou) Inc. Building D, 3rd Floor, 3 Juquan Road, Science City, Guangzhou, 510663, China

Catalog Number: 329322880

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Live Animals (as of 2023-04-24)

Alternate IDs: 329322880

Organism Name: SD-Mertk^{em1Cgen}

Record Creation Time: 20230509T191952+0000

Record Last Update: 20260725T194311+0000

Ratings and Alerts

No rating or validation information has been found for SD-Mertk^{em1Cgen}.

No alerts have been found for SD-Mertk^{em1Cgen}.

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.