

Resource Summary Report

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SD-Tg(DNMT3A)^{-/-} Feis

RRID:RGD_405849386

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=405849386>

Proper Citation: RRID:RGD_405849386

Description: Rattus norvegicus with name SD-Tg(DNMT3A)^{-/-} Feis from RGD.

Species: Rattus norvegicus

Notes: This is the wild type littermate of the hDNMT3A transgenic rats which were established using zygote microinjection of a bacterial artificial chromosome (BAC). The RP11-159D24 BAC (NCBI-ID:223335, Homo sapiens, GRCh38.p2: Chr. 2: 25,202,642-25,410,145, total length: 207,504 bp) containing DNMT3A (GRCh38.p2: 25,232,961,25,342,590, total length: 109,630 bp) was injected into rat zygotes (Rattus norvegicus, Sprague-Dawley, SD). The offspring were identified with 8 PCR primer-pairs that were specific for the RP11-159D24 sequence to detect positive transgenic ones and wild type littermates that did not carry the human transgene.

Catalog Number: 405849386

Background: transgenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 405849386

Organism Name: SD-Tg(DNMT3A)^{-/-} Feis

Record Creation Time: 20240716T195817+0000

Record Last Update: 20260905T135246+0000

Ratings and Alerts

No rating or validation information has been found for SD-Tg(DNMT3A)^{-/-} Feis.

No alerts have been found for SD-Tg(DNMT3A)^{-/-} Feis.

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.