

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

LEW-Chr YF344-Tg(Cyp1a1-Ren2)10.F344-(D10Rat99-D10Rat11)/Jmul

RRID:RGD_2313923

Type: Organism

Proper Citation

RRID:RGD_2313923

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2313923>

Proper Citation: RRID:RGD_2313923

Description: Rattus norvegicus with name LEW-Chr YF344-Tg(Cyp1a1-Ren2)10.F344-(*D10Rat99-D10Rat11*)/Jmul from RGD.

Species: Rattus norvegicus

Notes: F344-Tg(Cyp1a1-Ren2)10Jmul (also named Ren2.F) males (carrying the transgene Ren2 on chr Y) and Lewis females were bred to produce F1 rats. F1 males were backcrossed to Lew females to produce BC-Lew. After 12 backcross generations, males and females heterozygous for F344/Lew in the MOD QTL region were brother-sister mated to generate animals that were homozygous F344/F344 for the MOD QTL region but homozygous LEW/LEW for the rest of the genome.

Catalog Number: 2313923

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 2313923

Organism Name: LEW-Chr YF344-Tg(Cyp1a1-Ren2)10.F344-(*D10Rat99-D10Rat11*)/Jmul

Record Creation Time: 20230509T191937+0000

Record Last Update: 20260815T190654+0000

Ratings and Alerts

No rating or validation information has been found for LEW-Chr YF344-Tg(Cyp1a1-Ren2)10.F344-(*D10Rat99-D10Rat11*)/Jmul.

No alerts have been found for LEW-Chr YF344-Tg(Cyp1a1-Ren2)10.F344-(*D10Rat99-D10Rat11*)/Jmul.

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.