

Resource Summary Report

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

ZSF1-*Lepr*^{fa/cp}/Crl

RRID:RGD_401960101

Type: Organism

Proper Citation

RRID:RGD_401960101

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=401960101>

Proper Citation: RRID:RGD_401960101

Description: Rattus norvegicus with name ZSF1-*Lepr*^{fa/cp}/Crl from RGD.

Species: Rattus norvegicus

Notes: This F1 obese model was developed by crossing rat strains with two separate leptin receptor mutations (fa and facp), In Charles River, they mate a Heterozygous ZDF (fa/+) with a Homozygous SHHF (cp/cp). This mating of ZDF and SHHF parent can produce obese ZSF1 (having fa and cp mutation from both parents) or lean ZSF1 (having just one copy of mutated Lepr, either cp or fa). The obese F1 develop insulin resistance, hyperglycaemia, and mild hypertension [Charles River Laboratories](#)

Catalog Number: 401960101

Background: hybrid

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 401960101

Organism Name: ZSF1-*Lepr*^{fa/cp}/Crl

Record Creation Time: 20240716T195808+0000

Record Last Update: 20260829T185000+0000

Ratings and Alerts

No rating or validation information has been found for ZSF1-*Lep^{fa/cp}*/CrI.

No alerts have been found for ZSF1-*Lep^{fa/cp}*/CrI.

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.