

Resource Summary Report

Generated by [ASWG](#) on Aug 13, 2026

SD-Hamp *em3Jfcol +/-*

RRID:RGD_36174223

Type: Organism

Proper Citation

RRID:RGD_36174223

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=36174223>

Proper Citation: RRID:RGD_36174223

Description: Rattus norvegicus with name SD-Hamp *em3Jfcol +/-* from RGD.

Species: Rattus norvegicus

Notes: Hamp KO, Sprague-Dawley rats were generated by Transposagen Biopharmaceuticals (Lexington, KY). Four different genetically engineered rat lines, each with different sized Hamp deletions (with or without concurrent insertions), were created using TALEN technology. SD-Hamp *em3Jfcol +/-* (RGD:36174223) is heterozygous carrying a 20-bp deletion and a 3-bp insertion in exon 2 of the rat Hamp gene. Rat Resource & Research Center (RRRC)

Catalog Number: 36174223

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2020-07-29)

Alternate IDs: 36174223

Organism Name: SD-Hamp *em3Jfcol +/-*

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260808T193747+0000

Ratings and Alerts

No rating or validation information has been found for *SD-Hamp^{em3Jfcol +/-}*.

No alerts have been found for *SD-Hamp^{em3Jfcol +/-}*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#).

Flores SRL, et al. (2021) Intestinal iron absorption is appropriately modulated to match physiological demand for iron in wild-type and iron-loaded Hamp (hepcidin) knockout rats during acute colitis. PloS one, 16(6), e0252998.