

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

FHH-Chr 1^{BN}-Add3^{em2Mcowi} /Roman

RRID:RGD_150429618

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=150429618>

Proper Citation: RRID:RGD_150429618

Description: Rattus norvegicus with name FHH-Chr 1^{BN}-Add3^{em2Mcowi} /Roman from RGD.

Species: Rattus norvegicus

Notes: ZFN system was used to Knock out the rat Add3 gene of FHH-Chr 1BN/Mcowi rat embryos. The ZFN mRNA was injected into the pronucleus of fertilized FHH-Chr 1BN/Mcowi embryos and transferred to the oviduct of pseudopregnant females. PCR genotyping of tail biopsies confirmed a 68-bp deletion using forward primer 5'-GCCCCCATGAGTCACTACAC-3' and reverse primer 5'-GCTACAGGAAGCATCTCCTGTG-3'. Founders with Add3 deletion were backcrossed to the parental strain to generate heterozygous F1 rats. Heterozygous F1 siblings were then intercrossed to derive a homozygous KO line used

Catalog Number: 150429618

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 150429618

Organism Name: FHH-Chr 1^{BN}-Add3^{em2Mcowi} /Roman

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260912T202536+0000

Ratings and Alerts

No rating or validation information has been found for FHH-Chr 1^{BN}-*Add3^{em2Mcwi}*/Roman.

No alerts have been found for FHH-Chr 1^{BN}-*Add3^{em2Mcwi}*/Roman.

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.