

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

BN-Hand1^{m1Mcwi}

RRID:RGD_1581625

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1581625>

Proper Citation: RRID:RGD_1581625

Description: Rattus norvegicus with name *BN-Hand1^{m1Mcwi}* from RGD.

Species: Rattus norvegicus

Notes: Male founders are injected with ENU (N-ethyl-N-nitrosourea) and harem bred to females. The pups are genetically screened using the TILLING assay (an enzyme-based heteroduplex cleavage assay) as well as nucleotide sequencing to identify and characterize target genes possessing ENU-induced mutations. S109G mutation is generated from the codon change AGC/GGC.

Catalog Number: 1581625

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 1581625

Organism Name: *BN-Hand1^{m1Mcwi}*

Record Creation Time: 20230509T191934+0000

Record Last Update: 20260815T190648+0000

Ratings and Alerts

No rating or validation information has been found for BN-*Hand1^{m1Mcwi}*.

No alerts have been found for BN-*Hand1^{m1Mcwi}*.

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.