

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

BN-Lcat^{m3Mcwi}

RRID:RRRC_00397

Type: Organism

Proper Citation

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Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=1642270

Proper Citation: RRID:RRRC_00397

Description: Rattus norvegicus with name BN-Lcat^{m3Mcwi} 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. H316N mutation is generated from the codon change CAC/AAC. [Rat Resource & Research Center](#)

Catalog Number: 00397

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Sperm; Cryorecovery

Alternate IDs: RGD_1642270, 1642270, RRRC_397, RRRC_0397, RRRC_00397

Organism Name: BN-Lcat^{m3Mcwi}

Record Creation Time: 20230607T202005+0000

Record Last Update: 20260919T110852+0000

Ratings and Alerts

No rating or validation information has been found for BN-Lcat^{m3Mcwi} .

No alerts have been found for BN-Lcat^{m3Mcwi} .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.