

Resource Summary Report

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

BN-Adora2a^{m2Mcwi}

RRID:RGD_1599757

Type: Organism

Proper Citation

RRID:RGD_1599757

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1599757>

Proper Citation: RRID:RGD_1599757

Description: Rattus norvegicus with name BN-Adora2a^{m2Mcwi} 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. Q310L mutation is generated from the codon change CAG/CTG of rat Adora2a.

Catalog Number: 1599757

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Extinct (as of 2016-10-24)

Alternate IDs: 1599757

Organism Name: BN-Adora2a^{m2Mcwi}

Record Creation Time: 20230509T191933+0000

Record Last Update: 20260912T202510+0000

Ratings and Alerts

No rating or validation information has been found for BN-*Adora2a*^{m2Mcwi}.

No alerts have been found for BN-*Adora2a*^{m2Mcwi}.

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.