

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

BN-Crb1^{m1}

RRID:RGD_13451132

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13451132>

Proper Citation: RRID:RGD_13451132

Description: Rattus norvegicus with name BN-Crb1^{m1} from RGD.

Species: Rattus norvegicus

Notes: This Brown Norway from Janvier rat strain spontaneously develops progressive focal retinal layer disorganization, loss of photoreceptors, cystic cavitation, and RMG abnormalities associated with early retinal vascular telangiectasia and late stage subretinal neovascularization. This phenotype bears reminiscent of human Macular telangiectasia 2. A deletion insertion mutation in exon 6 of the rat crb1 was identified to be responsible for this retinal phenotype.

Catalog Number: 13451132

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13451132

Organism Name: BN-Crb1^{m1}

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260808T193744+0000

Ratings and Alerts

No rating or validation information has been found for BN-*Crb1*^{m1}.

No alerts have been found for BN-*Crb1*^{m1}.

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.