

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

BBDR.BBDP-(D4Mit6-D4Mit24)/Rhw

RRID:RGD_1357174

Type: Organism

Proper Citation

RRID:RGD_1357174

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1357174>

Proper Citation: RRID:RGD_1357174

Description: Rattus norvegicus with name BBDR.BBDP-(D4Mit6-D4Mit24)/Rhw from RGD.

Species: Rattus norvegicus

Notes: S. Bieg and coworkers (1998) generated this congenic line in which diabetes and lymphopenia are controlled solely by Iddm 1. This strain was generated by nine cycles of cross-intercross breeding of diabetes-prone DP with DR BB rats. Iddm 1 in the BioBreeding (BB) rat designates the genomic region on rat Chromosome (Chr) 4 that harbors the gene causing peripheral T cell lymphopenia (Lyp) and diabetes. The average age of onset of diabetes was 85 ± 53 days of age after the first and 67 ± 10 days of age after the 9th cycle. Lacks one C nucleotide at 478 position which causes a frameshift mutation in the ORF of exon 3 forming a significantly truncated protein.

Catalog Number: 1357174

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 1357174

Organism Name: BBDR.BBDP-(D4Mit6-D4Mit24)/Rhw

Record Creation Time: 20230509T191931+0000

Record Last Update: 20260815T190644+0000

Ratings and Alerts

No rating or validation information has been found for BBDR.BBDP-(*D4Mit6-D4Mit24*)/Rhw.

No alerts have been found for BBDR.BBDP-(*D4Mit6-D4Mit24*)/Rhw.

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.