

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

SD-*Bmpr2*^{em1Ang+/-}

RRID:RGD_38501086

Type: Organism

Proper Citation

RRID:RGD_38501086

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38501086>

Proper Citation: RRID:RGD_38501086

Description: Rattus norvegicus with name SD-*Bmpr2*^{em1Ang+/-} from RGD.

Species: Rattus norvegicus

Notes: BMPR2-deficient rats were generated by using zinc-finger nucleases (Sigma, St. Louis, MO). The mRNA encoding mRNA at 5 ng/?L encoding a pair of zinc-finger nucleases recognizing rat BMPR2 sequences was injected to the cytoplasm of Sprague-Dawley zygotes. A rat line with a heterozygous 140 base pairs deletion in the first exon (BMPR2^{?140Ex1/+} rats) was chosen for this study because it displayed an intense pulmonary vascular remodeling at 3 months of life that was absent in the wild-type littermates.

Catalog Number: 38501086

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 38501086

Organism Name: SD-*Bmpr2*^{em1Ang+/-}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260905T135243+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Bmpr2*^{em1Ang+/-}.

No alerts have been found for SD-*Bmpr2*^{em1Ang+/-}.

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.