

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

SD-Myh7b^{em1Blar+/+}

RRID:RGD_149735898

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=149735898>

Proper Citation: RRID:RGD_149735898

Description: Rattus norvegicus with name SD-Myh7b^{em1Blar+/+} from RGD.

Species: Rattus norvegicus

Notes: This is the homozygous wild type littermate from crossing of heterozygous SD-Myh7b mutants. The Myh7b knockout SD rats were generated using the CRISPR/Cas9 system targeting exon 2, resulting 7 bases deletion of exon 2 and generated a new termination codon TGA in exon 3. The heterozygous Myh7b^{+/-} rats were crossed to generate littermate controls. The birth ratio of wild type (WT):Myh7b^{+/-}:Myh7b^{-/-} was approximately 1:2:1, indicating that Myh7b^{-/-} did not cause fetal death.

Catalog Number: 149735898

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 149735898

Organism Name: SD-Myh7b^{em1Blar+/+}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260725T194308+0000

Ratings and Alerts

No rating or validation information has been found for SD-Myh7b^{em1Blar+/+}.

No alerts have been found for SD-Myh7b^{em1Blar+/+}.

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.