

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

B6;129-Ednrb^{tm1Ywa/J}

RRID:IMSR_JAX:003295

Type: Organism

Proper Citation

RRID:IMSR_JAX:003295

Organism Information

URL: <https://www.jax.org/strain/003295>

Proper Citation: RRID:IMSR_JAX:003295

Description: Mus musculus with name B6;129-Ednrb^{tm1Ywa/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: endothelin receptor type B; mutant stock: Ednrb

Affected Gene: endothelin receptor type B

Genomic Alteration: targeted mutation 1; Masashi Yanagisawa

Catalog Number: JAX:003295

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;129-Ednrb^{tm1Ywa/J}

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260808T050840+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Ednrb^{tm1Ywa/J}.

No alerts have been found for B6;129-Ednrb^{tm1Ywa/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Zhou B, et al. (2024) Identification of signaling pathways that specify a subset of migrating enteric neural crest cells at the wavefront in mouse embryos. *Developmental cell*, 59(13), 1689.

Stavely R, et al. (2024) Mature enteric neurons have the capacity to reinnervate the intestine with glial cells as their guide. *Neuron*, 112(18), 3143.

Yu Q, et al. (2021) Mesenteric Neural Crest Cells Are the Embryological Basis of Skip Segment Hirschsprung's Disease. *Cellular and molecular gastroenterology and hepatology*, 12(1), 1.