

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Phox2b^{tm3.1Jbr}/Phox2b^{tm3.1Jbr}; Isl1^{tm1\(cre\)Tmj}/Isl1⁺](#)

RRID:MGI:4418306

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4418306

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal neuron physiology, abnormal neuron differentiation, decreased body size, postnatal lethality, complete penetrance

Affected Gene: Isl1, Phox2b

Genomic Alteration: tm3.1Jbr, tm1(cre)Tmj

Catalog Number: 4418306

Background: involves: 129S2/SvPas * 129X1/SvJ * C57BL/6 * DBA/2

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19940179](#)

Organism Name: Phox2b^{tm3.1Jbr}/Phox2b^{tm3.1Jbr}; Isl1^{tm1(cre)Tmj}/Isl1⁺

Record Creation Time: 20240120T190312+0000

Record Last Update: 20240130T201828+0000

Ratings and Alerts

No rating or validation information has been found for Phox2b^{tm3.1Jbr}/Phox2b^{tm3.1Jbr}; Isl1^{tm1(cre)Tmj}/Isl1⁺.

No alerts have been found for Phox2b^{tm3.1Jbr}/Phox2b^{tm3.1Jbr}; Isl1^{tm1(cre)Tmj}/Isl1⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.