

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Rbpj^{tm1Hon}/Rbpj^{tm1Hon}; Pax3^{tm1\(cre\)Joe}/Pax3⁺](#)

RRID:MGI:3706969

Type: Organism

Proper Citation

RRID:MGI:3706969

Organism Information

URL:

Proper Citation: RRID:MGI:3706969

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

Species: Mus musculus

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

Phenotype: loss of GABAergic neurons, abnormal neural tube morphology, abnormal intercostal muscle morphology, abnormal epaxial muscle morphology, abnormal diaphragm morphology, respiratory failure, no spontaneous movement, abnormal neuron differentiation, neonatal lethality, complete penetrance, hypaxial muscle hypoplasia, decreased satellite cell number, decreased neuronal precursor cell number, abnormal spinal cord interneuron morphology, abnormal glutaminergic neuron morphology, abnormal myogenesis

Affected Gene: Pax3, Rbpj

Genomic Alteration: tm1(cre)Joe, tm1Hon

Catalog Number: 3706969

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17360543](#), [PMID:18198335](#)

Organism Name: Rbpj^{tm1Hon}/Rbpj^{tm1Hon}; Pax3^{tm1(cre)Joe}/Pax3⁺

Record Creation Time: 20240120T190525+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Rbpj^{tm1Hon}/Rbpj^{tm1Hon}; Pax3^{tm1(cre)Joe}/Pax3⁺.

No alerts have been found for Rbpj^{tm1Hon}/Rbpj^{tm1Hon}; Pax3^{tm1(cre)Joe}/Pax3⁺.

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.