NeuroD/lacZ Knock-In - Mouse Strain RES181

Mouse Information

Common Name: NeuroD/lacZ Knock-In
MGI Official Name: BX129-Neurod1\lakZ\lakZ\|Jle/Mmcd
Description: Homozygous phenotype: Postnatal lethal due to neonatal diabetes Pancreas--5% insulin production, no islet formation Gut--no CCK or secretin production Inner ear defects resulting in deafness--no cochlear ganglia and poor vestibular ganglia formation Cerebellar defect resulting in ataxia-->90% depletion of cerebellar granule cells Hippocampal defects--no dentate gyrus.
Categories: None specified.

Genetic Alterations

1) BAC or Transgene Insertion
Type of Vector: Plasmid
Promoter: neurogenic differentiation 1 (Neurod1 - MGI:18012)
Expressed Gene: LacZ-Neo (LacZ-Neo)
Description of Transgene: Not provided
Vector Genbank File: Not provided

Citations

PubMedID: 10398678

Strain Information

Strain Type: Recombinant Inbred
Chimera/Founder Genetic Background: 129/SvJ
Current Genetic Background: C57BL/6J (date recorded: Not provided)
Strain Description: Not provided

Associated Images

No associated images have been supplied

Repositories

MMRRC

Request via www.mmrcc.org website
Stock #: 000387-UCD
Availability Notes: Not provided

Contact Information

Preferred Contact
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Primary Lab Contact

Access Status

This resource is publicly viewable.

Request this Resource

Request from a repository
Primary contributor: Jackie Lee
Co-contributed by: BCBC Mouse / ES Cell Core

Resource Tags

LacZ, mouse, mouse strain, NeuroD, NeuroD/lacZ Knock-In

Resource History & Actions

Approved on Mar 07, 2006
Last modified on Feb 11, 2011

Related resources

BCBC
No matching resources

Other Consortia
No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.
Name: Not provided
Institution: Not provided
Phone: Not provided
Email: Not provided

Associated Publications
No publications associated

Comments
There are no comments for this entry.

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