

My Account

Login
Create Account

Resources

View All (813)
Adenoviruses (137)
Antibodies (175)
Bioimages (67)
Genomics Studies (145)
mESC Lines (68)
Mouse Strains (120)
Miscellaneous (46)
Protocols (55)
Research Data (4)
Resource Tags (389)
Visualization (9)

Research & Cores

Core Facilities (5)
Research Highlights (5)
Research Networks
Research Objectives

Information

About the BCBC
BCBC Events
Branding & Logos
Career Opportunities
Health
NIH hESC Registry
Policies & Guidelines
Member Publications
Research Programs
Research Investigators
Member Directory
Tutorials

Nkx6.1^{DsRed2/+} - Mouse Strain RES205**Mouse Information**

| | |
|---------------------------|--|
| Common Name: | Nkx6.1 ^{DsRed2/+} |
| MGI Official Name: | B6-Nkx6-1 ^{tm1Msan} |
| Description: | An IRES-DsRed2 cassette was introduced into exon 1 of the Nkx6.1 genomic sequence. The insertion generates a null allele. DsRed2 expression is not detected in these mice. |
| Categories: | None specified. |

Genetic Alterations

| | |
|--|---|
| 1) Targeted Mutagenesis | |
| Type of Allele | Global Null |
| Targeted Gene | Nkx6.1 (Nkx6-1 - NCBI GeneID:18096) |
| Targeted Allele | targeted mutation (Nkx6.1 ^{tm1(DsRed2)}) |
| Description of Targeting Vector | Through homologous recombination in ES cells an IRES-DsRed2-pA-loxP-pA-puro-SV40prom-loxP cassette was inserted via Pmel and ClaI into a modified KpnI site within exon 1. The KpnI site is located 3' of the translation start site of Nkx6.1. |
| Targeting Vector Genbank File | Nkx6.1_DsRed2sequence.doc |
| Citations | Not Available |

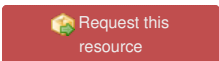
Strain Information

| | |
|--|--------------------------------------|
| Strain Type: | Congenic Strain |
| Chimera/Founder Genetic Background: | 129S6/SvEvTac |
| Current Genetic Background: | C57BL/6J (date recorded: 03/27/2015) |
| Strain Description: | Not provided |

Associated Images

No associated images have been supplied

Repositories

| | |
|---|---|
| Sander Lab | |
|  | Stock #: Not provided Availability Notes: Not provided |


Contact Information

| | |
|----------------------------|--|
| Preferred Contact | |
| Name | Maike Sander |
| Institution | University of California, San Diego |
| Phone | 858-246-0843 |
| Email | masander@ucsd.edu |
| Primary Lab Contact | |
| Name | Not provided |
| Institution | Not provided |

Access Status

 This resource is publicly viewable.

Request this Resource



Primary contributor: [Sander Lab](#)
Co-contributed by:
• [BCBC Mouse / ES Cell Core](#)

Resource Tags

mouse, mouse strain, Nkx6.1, Nkx6.1^{DsRed2/+}





Resource History & Actions

Approved on Oct 15, 2007
Last modified on May 07, 2008



Related resources**BCBC**

No matching resources

Other Consortia

No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.


| | |
|--------------|---------------------|
| Phone | <i>Not provided</i> |
| Email | <i>Not provided</i> |

Associated Publications

No publications associated

Comments

There are no comments for this entry.

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