

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

MSCV-Nkx2-1*/Neo

RRID:Addgene_31272

Type: Plasmid

Proper Citation

RRID:Addgene_31272

Plasmid Information

URL: <http://www.addgene.org/31272>

Proper Citation: RRID:Addgene_31272

Insert Name: Nkx2-1*

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21471965](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6500; Vector Backbone:pMSCVNeo; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: MSCV-Nkx2-1*/Neo

Relevant Mutation: A shNkx2-1 insensitive Nkx2-1 cDNA was created by engineering four silent mutations using QuikChange® Lightning Site-Directed Mutagenesis (Stratagene) and the following primers: 5' GGTCCGACCATAAAGCAAAGTGGAGCAGGACATGGCGCCATAGTCCGAG 3' 5' CTCGGACTATGGCGCCATGTCCTGCTCCACTTTGCTTTATGGTCGGACC 3' followed by sequence verification and cloning into the MSCV-Puro retroviral expression vector.

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081333+0000

Ratings and Alerts

No rating or validation information has been found for MSCV-Nkx2-1*/Neo.

No alerts have been found for MSCV-Nkx2-1*/Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.