

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 2, 2026

[Hopx^{tm1.1Joe}/Hopx^{tm1.1Joe}](#)

RRID:MGI:3626085

Type: Organism

Proper Citation

RRID:MGI:3626085

Organism Information

URL:

Proper Citation: RRID:MGI:3626085

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

Species: Mus musculus

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

Phenotype: impaired lung alveolus development, abnormal type II pneumocyte morphology, prolonged QRS complex duration, prolonged HV interval, prolonged P wave, abnormal lung-associated mesenchyme development, decreased tidal volume, increased surfactant secretion, lung hemorrhage, prolonged QT interval, embryonic lethality during organogenesis, incomplete penetrance, pericardial effusion, thin myocardium compact layer, abnormal myocardium layer morphology, neonatal lethality, incomplete penetrance, postnatal lethality, incomplete penetrance, abnormal lung development, thick lung-associated mesenchyme, thin myocardium, intraventricular block, abnormal frontal plane axis

Affected Gene: Hopx

Genomic Alteration: tm1.1Joe

Catalog Number: 3626085

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12297045](#), [PMID:15790958](#), [PMID:16510470](#)

Organism Name: Hopx^{tm1.1Joe}/Hopx^{tm1.1Joe}

Record Creation Time: 20240120T190556+0000

Record Last Update: 20240130T202003+0000

Ratings and Alerts

No rating or validation information has been found for Hopx^{tm1.1Joe}/Hopx^{tm1.1Joe}.

No alerts have been found for Hopx^{tm1.1Joe}/Hopx^{tm1.1Joe}.

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.