

LHX2 binds to ROBO1 gene locus

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Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references

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Reactome database release: 88

This document contains 1 reaction ([see Table of Contents](#))

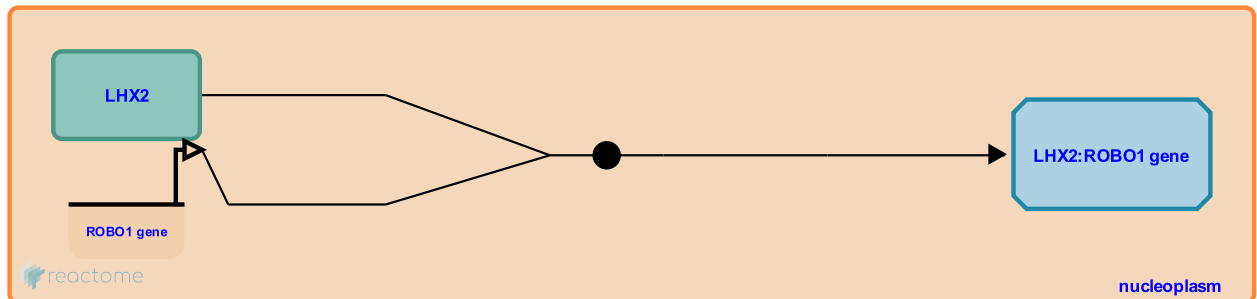
LHX2 binds to ROBO1 gene locus ↗

Stable identifier: R-HSA-9011074

Type: binding

Compartments: nucleoplasm

Inferred from: [Lhx2 binds to Robo1 gene locus \(Mus musculus\)](#)



Based on studies in mice, a LIM-homeodomain transcription factor LHX2 binds to evolutionarily conserved LHX2 binding elements about 30 kb downstream from the ROBO1 gene transcription start site (Marcos-Mondejar et al. 2012).

Editions

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