

Expression of Klf5

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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

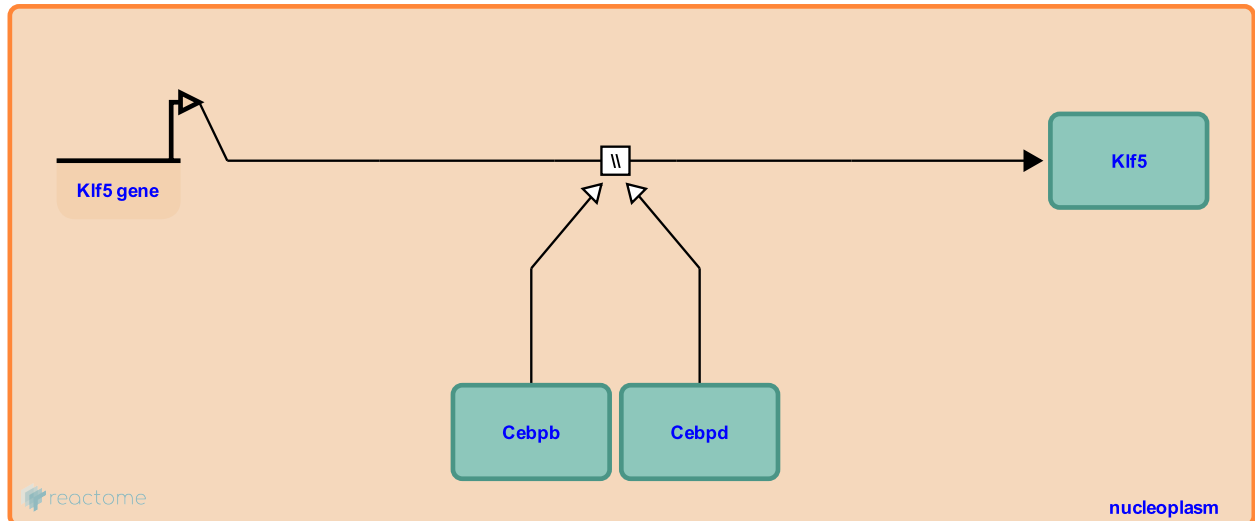
This document contains 1 reaction ([see Table of Contents](#))

Expression of Klf5 [↗](#)

Stable identifier: R-MMU-442509

Type: omitted

Compartments: nucleoplasm



In mouse 3T3-L1 pre-adipocytes, increased expression of Klf5 occurs after activation of the transcription factors Cebpb and Cebpd during differentiation and activation of Klf5 depends on Cebpb and Cebpd (Oishi et al. 2005). Both Cebpb and Cebpd bind the promoter of the Klf5 gene 411 bp upstream of the site of transcription initiation and activate transcription of Klf5 (Oishi et al. 2005).

Literature references

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Editions

2008-11-20	Edited	Gopinathrao, G., May, B.
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