

RUNX1 and FOXP3 bind the RSP03 gene promoter

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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: 74

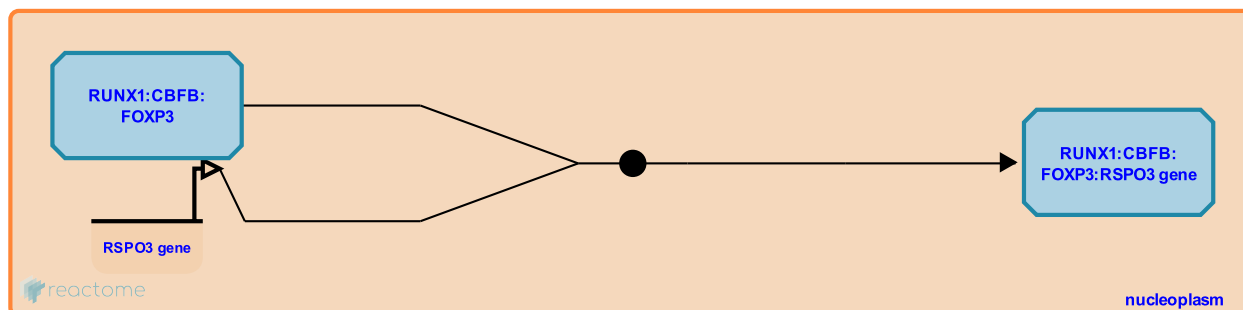
This document contains 1 reaction ([see Table of Contents](#))

RUNX1 and FOXP3 bind the RSPO3 gene promoter ↗

Stable identifier: R-HSA-8877879

Type: binding

Compartments: nucleoplasm



The complex of the RUNX1:CBFB heterodimer and FOXP3 binds the promoter of the RSPO3 gene, which encodes a WNT ligand (Recouvreux et al. 2016).

Literature references

Recouvreux, MS., Grasso, EN., Echeverria, PC., Rocha-Viegas, L., Castilla, LH., Schere-Levy, C. et al. (2016). RUNX1 and FOXP3 interplay regulates expression of breast cancer related genes. *Oncotarget*, 7, 6552-65. ↗

Editions

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