

MALT1 binds BCL10

Garapati, P V., Geijtenbeek, TB.

European Bioinformatics Institute, New York University Langone Medical Center, Ontario Institute for Cancer Research, Oregon Health and Science University.

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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

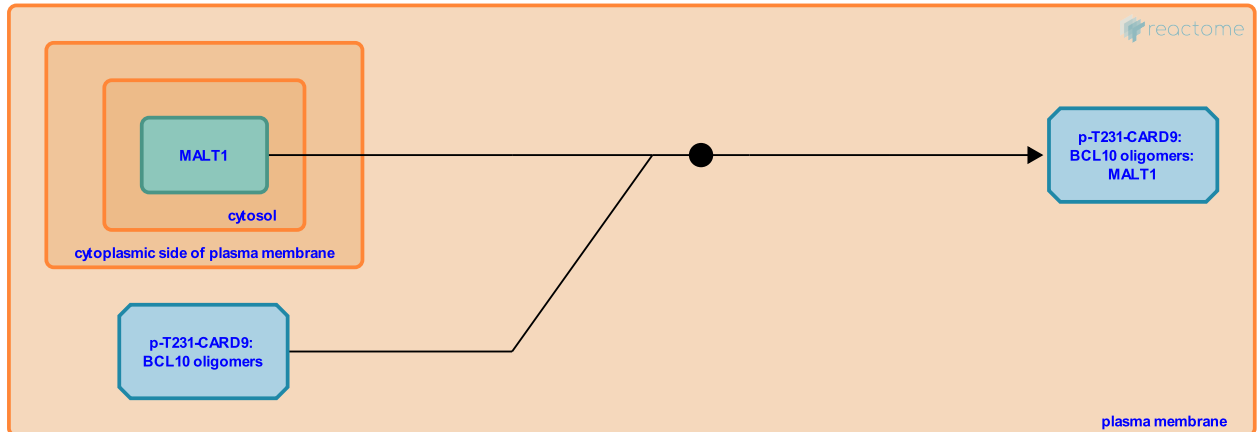
This document contains 1 reaction ([see Table of Contents](#))

MALT1 binds BCL10 [↗](#)

Stable identifier: R-HSA-5607744

Type: binding

Compartments: plasma membrane, cytosol



Mucosa-associated lymphoid tissue lymphoma translocation protein 1 (MALT1) is the main downstream target of BCL10. MALT1 interacts directly with BCL10 and this interaction involves a short stretch of amino acids that follow the BCL10 CARD motif (amino acids 107–119 of human BCL10) and the two immunoglobulin-like domains of MALT1 (Uren et al. 2000, Lucas et al. 2001).

Literature references

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Editions

2014-07-14	Authored, Edited	Garapati, P V.
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