

# NICD1 PEST domain mutants in complex with RBPJ (CSL) bind MAML

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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.

The development of Reactome is supported by grants from the US National Institutes of Health (P41 HG003751), University of Toronto (CFREF Medicine by Design), European Union (EU STRP, EMI-CD), and the European Molecular Biology Laboratory (EBI Industry program).

## Literature references

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Reactome database release: 74

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

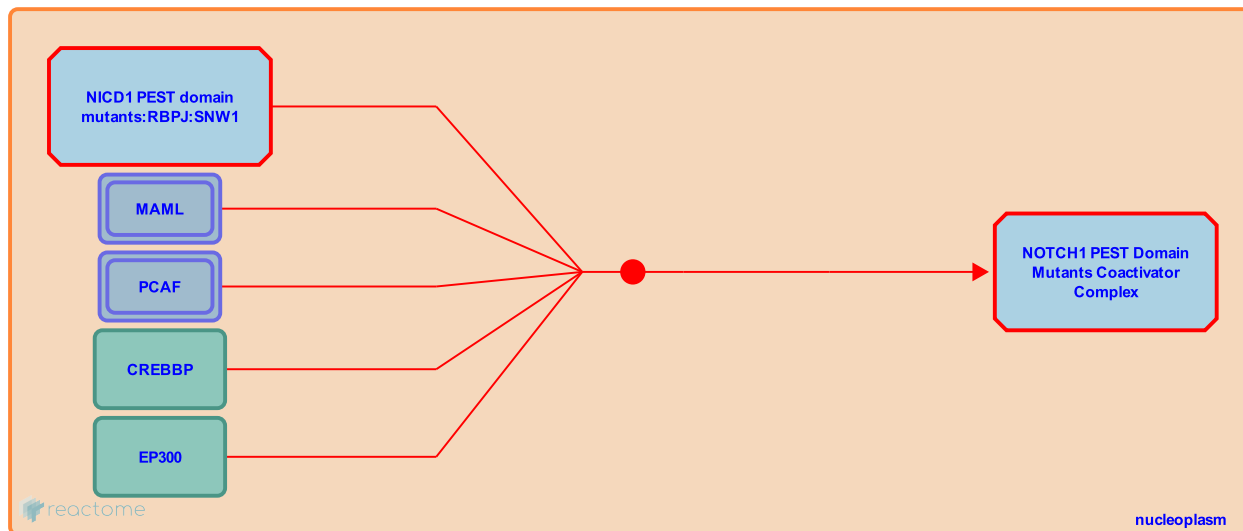
## NICD1 PEST domain mutants in complex with RBPJ (CSL) bind MAML ↗

**Stable identifier:** R-HSA-2220964

**Type:** binding

**Compartments:** nucleoplasm

**Diseases:** cancer, T-cell leukemia



NICD1 PEST domain mutants in complex with RBPJ and SNW1 are expected, similar to the wild-type NICD1:RBPJ:SNW1 complex, to recruit MAML and histone acetyltransferases to form the NOTCH1 PEST domain mutants coactivator complex (Fryer et al. 2002, Wallberg et al. 2002, Nam et al. 2006).

### Literature references

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### Editions

2013-01-04	Authored	Orlic-Milacic, M.
2013-01-09	Edited	Jassal, B.
2013-02-10	Reviewed	Haw, R.