

# Kat2b (Pcaf) acetylates Taf1b in SL1 Com- plex

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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

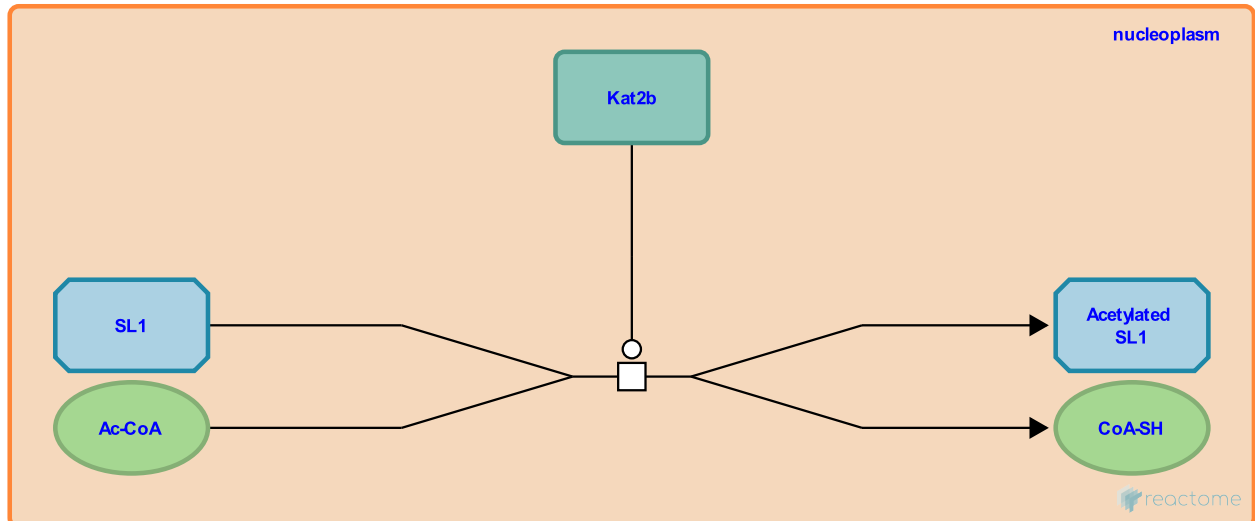
This document contains 1 reaction ([see Table of Contents](#))

## Kat2b (Pcaf) acetylates Taf1b in SL1 Complex [↗](#)

**Stable identifier:** R-MMU-5211235

**Type:** transition

**Compartments:** nucleoplasm



Kat2b (Pcaf) and to a lesser extent Kat2a (Gcn5) acetylate the Taf1b (Taf(1)68) subunit of the SL1 complex. Acetylation of Taf1b is required for transcription of rRNA genes.

### Literature references

Nadaud, S., Voit, R., Grummt, I., Muth, V. (2001). Acetylation of TAF(I)68, a subunit of TIF-IB/SL1, activates RNA polymerase I transcription. *EMBO J*, 20, 1353-62. [↗](#)

### Editions

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