

RNA Polymerase III Simple Start Sequence

Initiation At Type 2 Promoters

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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: 77

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

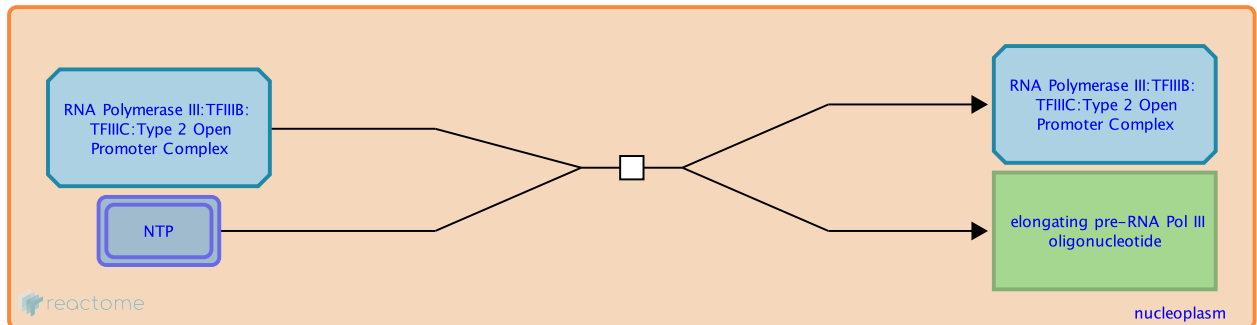
RNA Polymerase III Simple Start Sequence Initiation At Type 2 Promoters [↗](#)

Stable identifier: R-HSA-112155

Type: transition

Compartments: nucleoplasm

Inferred from: [RNA Polymerase III Initiation At a Simple Start Sequence \(Saccharomyces cerevisiae\)](#)



Transcription by pol III initiates at characteristic, simple start sequences. The universal core of these start sites is a pyrimidine-purine step, transcription initiating most frequently with ATP or GTP. This event is inferred from an event in *Saccharomyces cerevisiae*.

Editions

2004-03-29	Authored	Geiduschek, EP.
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