3CLp cleaves pp1a

Acencio, ML., D'Eustachio, P., Mazein, A., Stephan, R.
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


Reactome database release: 77

This document contains 1 reaction (see Table of Contents)

https://reactome.org
3CL\textsubscript{p} cleaves pp1a

**Stable identifier:** R-HSA-9684273

**Type:** transition

**Compartments:** cytosol

**Diseases:** severe acute respiratory syndrome

Main protease cleaves all cleavage sites of pp1a and pp1b starting with nsp4/5, thus cleaving itself, and all the cytosolic RTC proteins (Fan et al, 2004)

**Literature references**


**Editions**

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