Nucleoprotein is SUMOylated

D'Eustachio, P., Stephan, R.

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**


Reactome database release: 77

This document contains 1 reaction (see Table of Contents)

https://reactome.org
Nucleoprotein is SUMOylated

**Stable identifier:** R-HSA-9683687  
**Type:** transition  
**Compartments:** cytosol  
**Diseases:** severe acute respiratory syndrome

Lysine-62 is the major sumoylation site of N protein. Abolition of sumoylation of nucleoprotein significantly decreases homo-oligomerisation of the protein (Li et al, 2005)

**Literature references**


**Editions**

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