RAN stimulates fusion of nuclear envelope (NE) membranes

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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: 82

This document contains 1 reaction (see Table of Contents)
RAN stimulates fusion of nuclear envelope (NE) membranes

Stable identifier: R-HSA-9624893

Type: transition

Compartments: cytosol, nuclear envelope

RAN GTPase, stimulated by SUMO-coupled RANGAP1 promotes fusion of NE vesicles in an in vitro reassembly assay (Zhang and Clarke 2001).

Literature references


Editions

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