Fusion of COPII vesicle with Golgi complex

Garapati, P V., Neefjes, J.

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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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Fabregat, A., Jupe, S., Matthews, L., Sidiropoulos, K., Gillespie, M., Garapati, P. et al. (2018). The Reactome Pathway Knowledgebase. *Nucleic Acids Res, 46*, D649-D655. ↗

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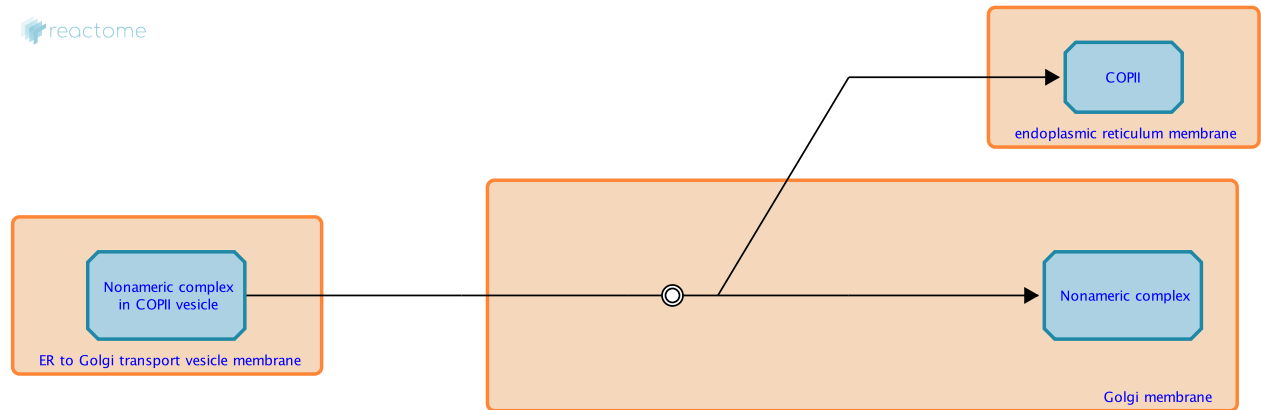
Reactome database release: 77

This document contains 1 reaction (see Table of Contents)

Fusion of COPII vesicle with Golgi complex ↗

Stable identifier: R-HSA-2213243

Type: dissociation

Compartments: Golgi membrane, ER to Golgi transport vesicle membrane, endoplasmic reticulum membrane

The COPII vesicle uncoats and fuses with the cis-Golgi, releasing the MHC II:Ii complex into the Golgi.

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Editions

2012-02-21	Authored, Edited	Garapati, P V.
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