E pentamer is transported to the Golgi

D'Eustachio, P., 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)
E pentamer is transported to the Golgi

**Stable identifier:** R-HSA-9683635

**Type:** uncertain

**Compartments:** endoplasmic reticulum membrane, Golgi membrane

**Diseases:** severe acute respiratory syndrome

Both a predicted beta-hairpin motif and the N-terminal part of SARS-CoV protein E are sufficient for its localization to the Golgi membrane. Although porin activity has been shown for protein E it cannot be detected in the plasma membrane of infected cells (Liao et al, 2006; Cohen et al, 2011; Nieto-Torres, 2011).

**Literature references**


**Editions**

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<td>D'Eustachio, P.</td>
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