

PEX5L:PEX7:Cargo binds

PEX13:PEX14:PEX2:PEX10:PEX12 (Docking and Translocation Module)

Azevedo, J.E., Fransen, M., May, B., Van Veldhoven, P.P.

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

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Reactome database release: 88

This document contains 1 reaction ([see Table of Contents](#))

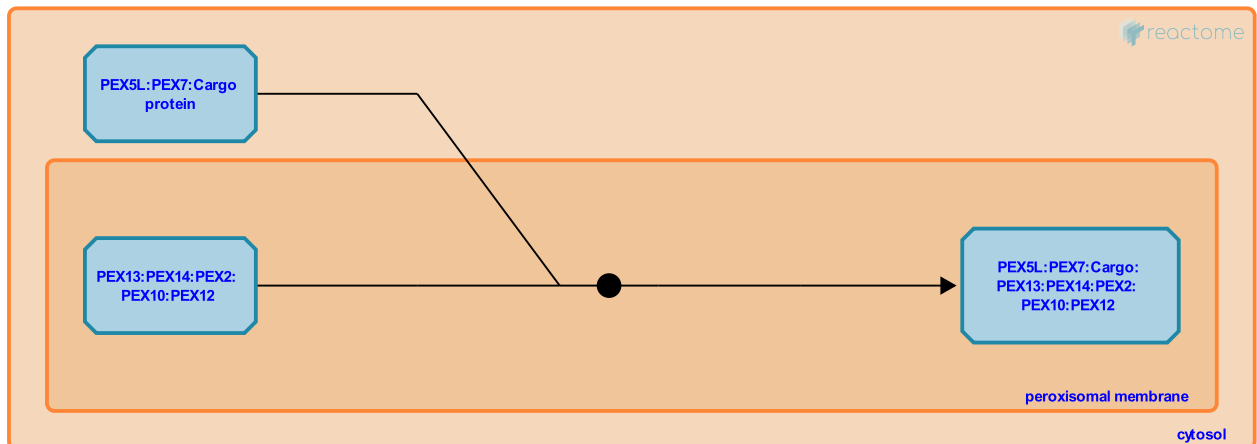
PEX5L:PEX7:Cargo binds PEX13:PEX14:PEX2:PEX10:PEX12 (Docking and Translocation Module) ↗

Stable identifier: R-HSA-9033238

Type: binding

Compartments: peroxisomal membrane

Inferred from: [Pex14 binds PEX5L \(in PEX5L:PEX7:Acaa1a\) \(Cricetulus griseus\)](#)



PEX5L bound to PEX7:Cargo interacts with the peroxisomal membrane complex PEX13:PEX14:PEX2:PEX10:PEX12 (the Docking-Translocation Complex) thus bringing PEX7 and its cargo to dock at the peroxisomal membrane (Gould et al. 1996, Fransen et al. 1998, Will et al. 1999, Dodt et al. 2001, Rodrigues et al. 2014, Rodrigues et al. 2015, also inferred from hamster and rat homologues).

Literature references

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Editions

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