

PEX5S,L:Cargo binds

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

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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

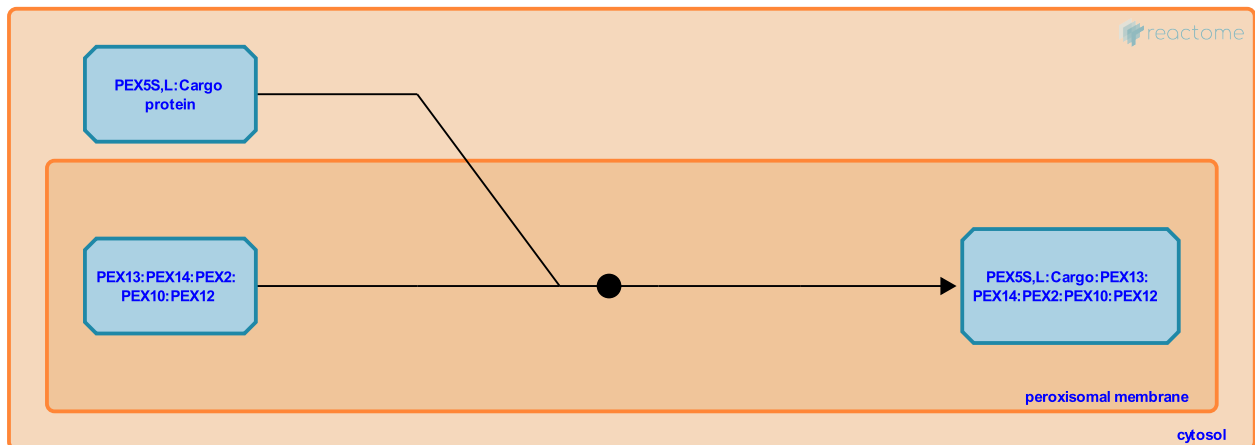
This document contains 1 reaction ([see Table of Contents](#))

PEX5S,L:Cargo binds PEX13:PEX14:PEX2:PEX10:PEX12 (Docking and Translocation Module) ↗

Stable identifier: R-HSA-9033236

Type: binding

Compartments: peroxisomal membrane



PEX5S or PEX5L bound to cargo proteins containing PTS1 interacts with the Docking and Translocation Module (PEX13:PEX14:PEX2:PEX10:PEX12) (Gould et al. 1996, Fransen et al. 1998, Will et al. 1999, Neufeld et al. 2009, Shiozawa et al. 2009, Freitas et al. 2011, Francisco et al. 2013, Neufeld et al. 2014, Dias et al. 2017).

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Editions

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