

Addition of GlcNAc to the Tn antigen via a beta-1,6 linkage forms a Core 6 glycopro- tein

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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: 70

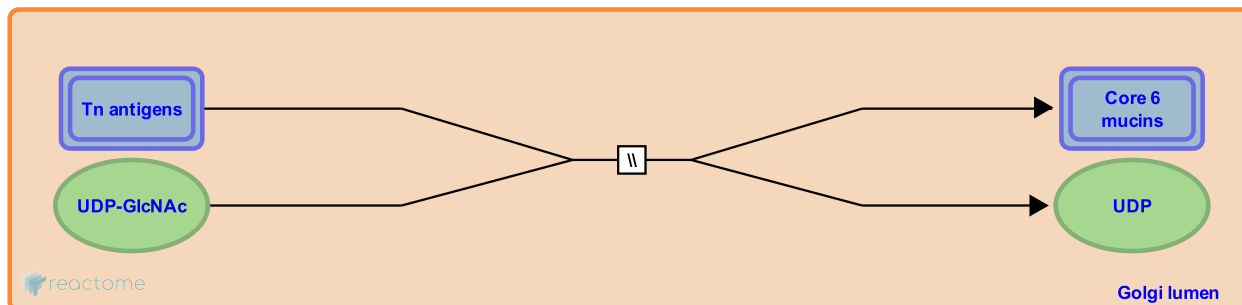
This document contains 1 reaction ([see Table of Contents](#))

Addition of GlcNAc to the Tn antigen via a beta-1,6 linkage forms a Core 6 glycoprotein ↗

Stable identifier: R-HSA-914008

Type: omitted

Compartments: Golgi lumen



An unknown N-acetylglucosaminyltransferase mediates the transfer of GlcNAc to Tn antigens via an beta-1,6 linkage to create Core 6 mucins (Brockhausen et al. 2009).

Literature references

Brockhausen, I., Schachter, H., Stanley, P. (2009). O-GalNAc Glycans, Essentials of Glycobiology, 2nd edition.

Editions

2010-07-19	Authored, Edited	Jassal, B.
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