Spike trimer glycoside chains get additional branches

Acencio, ML., 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)
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Stable identifier: R-HSA-9696980

Type: uncertain

Compartments: endoplasmic reticulum-Golgi intermediate compartment

Diseases: COVID-19

Nearly all di-antennary N-glycan sidechains of Spike get further extended to tri-antennary configuration by addition of fucose and further N-acetylglucosamine moieties. Asn-1158 is probably an exception, it stays di-antennary (Watanabe et al, 2020).

Literature references


Editions

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