Dopa is oxidized to dopaquinone by TYR

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Introduction

Reactome is an 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)
Dopa is oxidized to dopaquinone by TYR

Stable identifier: R-HSA-5662692

Type: transition

Compartments: melanosome lumen

Dopa is a substrate of tyrosinase, which can oxidize it to dopaquinone (Young et al. 1974).

Literature references


Editions

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