

Na⁺/H⁺ exchanger transport (at cell membrane)

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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: 75

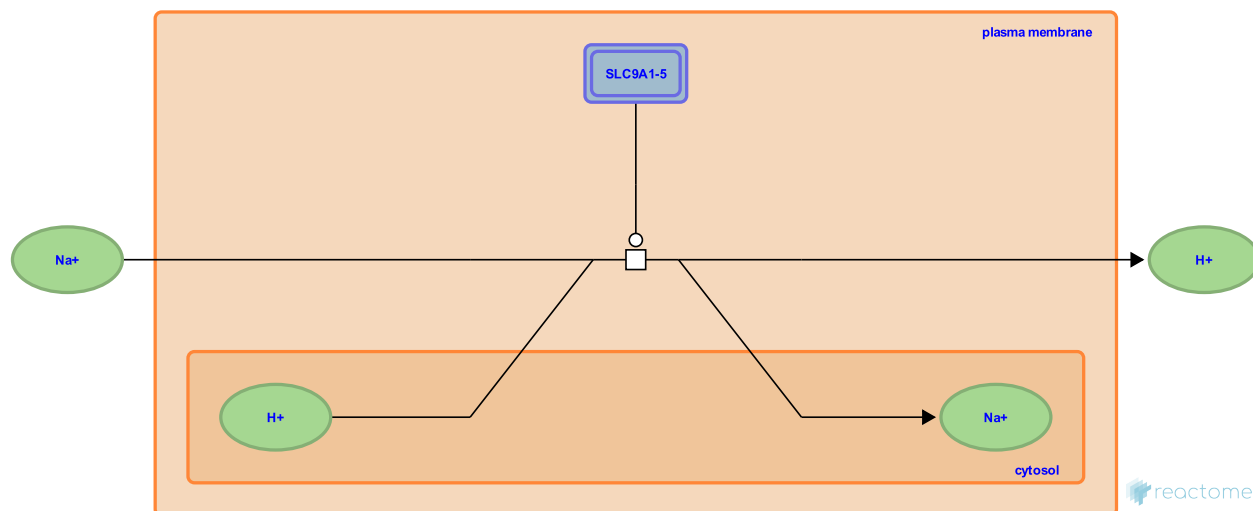
This document contains 1 reaction ([see Table of Contents](#))

Na⁺/H⁺ exchanger transport (at cell membrane) ↗

Stable identifier: R-HSA-425994

Type: transition

Compartments: plasma membrane



NHE1 (SLC9A1) is present in most cells and is the most extensively characterized member of this family (Sardet C et al, 1989). NHE2-4 (SLC9A2-4) (Malakooti J et al, 1999; Brant SR et al, 1995) are expressed mainly in the kidney and GI tract. NHE5 (SLC9A5) (Baird NR et al, 1999) is highly expressed in neuronal-enriched areas of the CNS.

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Editions

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