

neil3 resolves AP-ICLs

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06/05/2024

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.

The development of Reactome is supported by grants from the US National Institutes of Health (P41 HG003751), University of Toronto (CFREF Medicine by Design), European Union (EU STRP, EMI-CD), and the European Molecular Biology Laboratory (EBI Industry program).

Literature references

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Reactome database release: 88

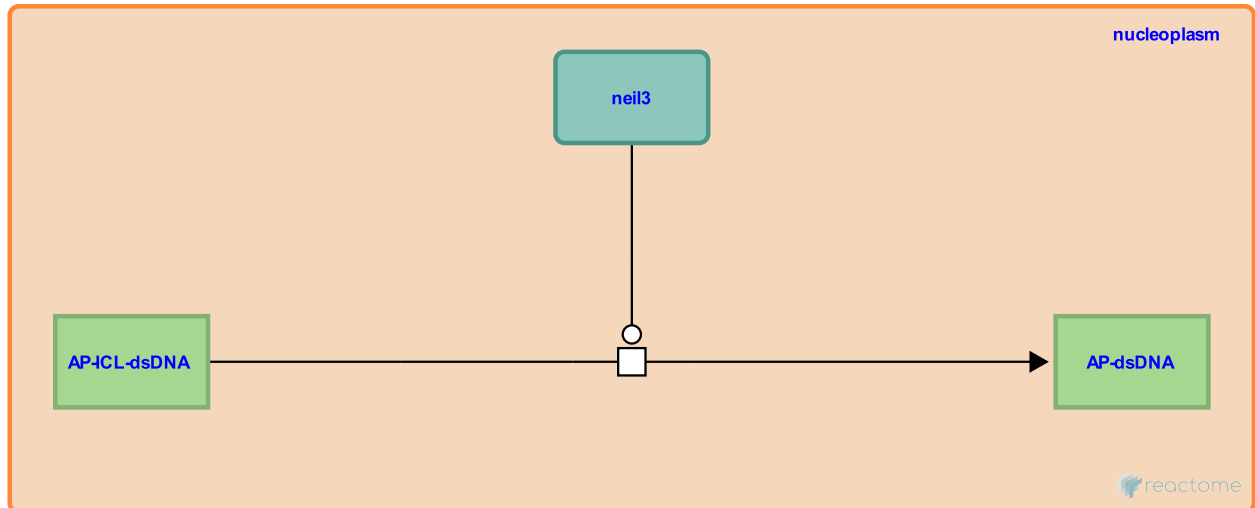
This document contains 1 reaction ([see Table of Contents](#))

neil3 resolves AP-ICLs [↗](#)

Stable identifier: R-XLA-9636011

Type: transition

Compartments: nucleoplasm



Xenopus laevis neil3 resolves abasic site-induced interstrand crosslinks (AP-ICLs) (Semlow et al. 2016).

Literature references

Budzowska, M., Zhang, J., Semlow, DR., Drohat, AC., Walter, JC. (2016). Replication-Dependent Unhooking of DNA Interstrand Cross-Links by the NEIL3 Glycosylase. *Cell*, 167, 498-511.e14. [↗](#)

Editions

2019-01-05	Authored	Orlic-Milacic, M.
2019-02-11	Reviewed	Zhou, J.
2019-02-12	Edited	Orlic-Milacic, M.