

# Resource Summary Report

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## orienTM

RRID:SCR\_006218

Type: Tool

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### Proper Citation

orienTM (RRID:SCR\_006218)

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### Resource Information

**URL:** <http://athina.biol.uoa.gr/orienTM/>

**Proper Citation:** orienTM (RRID:SCR\_006218)

**Description:** A computer software that utilizes an initial definition of transmembrane segments to predict the topology of transmembrane proteins from their sequence. It uses position-specific statistical information for amino acid residues which belong to putative non-transmembrane segments derived from a statistical analysis of non-transmembrane regions of membrane proteins stored in the SwissProt database. Its accuracy compares well with that of other popular existing methods.

**Abbreviations:** orienTM

**Synonyms:** orienTM - Orientation of TransMembrane proteins

**Resource Type:** analysis service resource, data analysis service, production service resource, service resource

**Defining Citation:** [PMID:11477216](#)

**Keywords:** topology, prediction, transmembrane, protein, segment, algorithm, transmembrane protein

**Funding:** European Union ERBFMRXCT960019

**Resource Name:** orienTM

**Resource ID:** SCR\_006218

**Alternate IDs:** nlx\_151764

**Record Creation Time:** 20220129T080234+0000

**Record Last Update:** 20260829T182946+0000

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## Ratings and Alerts

No rating or validation information has been found for orientTM.

No alerts have been found for orientTM.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.