Resource Summary Report

Generated by dkNET on Sep 12, 2026

RAPIDO

RRID:SCR_018935
Type: Tool

Proper Citation

RAPIDO (RRID:SCR_018935)

Resource Information

URL: http://webapps.embl-hamburg.de/rapido/

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Description: Web server for alignment of protein structures in presence of conformational changes. Used for 3D alignment of crystal structures of different protein molecules in presence of conformational change. Can identify structurally equivalent regions also when distant in terms of sequence and separated by other movable domains.

Synonyms: Rapid Alignment of Proteins in terms of Domains, Rapid alignment of proteins in terms of domains

Resource Type: alignment software, data access protocol, data processing software, image analysis software, software application, software resource, web service

Defining Citation: PMID:18460546, PMID:18727838

Keywords: Protein structure alignment, rapid alignment, protein domain, conformational changes presence, 3D alignment, crystal structure, protein molecule, conformational change presence, identify structural region, distant sequence, movable domains

Funding: Associazione Italiana per la Ricerca sul Cancro ;
European Molecular Biology Laboratory

Availability: Free, Freely available

Resource Name: RAPIDO

Resource ID: SCR_018935

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260905T132844+0000

Ratings and Alerts

No rating or validation information has been found for RAPIDO.

No alerts have been found for RAPIDO.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Renna C, et al. (2020) Organizational Principles of the NuMA-Dynein Interaction Interface and Implications for Mitotic Spindle Functions. Structure (London, England : 1993), 28(7), 820.

Martinelli L, et al. (2020) Structural analysis of the LDL receptor-interacting FERM domain in the E3 ubiquitin ligase IDOL reveals an obscured substrate-binding site. The Journal of biological chemistry, 295(39), 13570.