InterEvol database

RRID:SCR_006054
Type: Tool

Proper Citation

InterEvol database (RRID:SCR_006054)

Resource Information

URL: http://biodev.cea.fr/interevol/

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Description: InterEvol database is designed for the analysis of co-evolution events at the interface of known structures of hetero- and homo-oligomers. The database can be search and analyzed through 3 interconnected levels of analysis: * From a Keyword or the PDB entry of a complex, you can browse: ** structural homologs for every chain in other complexes ** structural interologs for every interface ** retrieve pre-computed sequence alignments in diverse species * From 1 or 2 sequences of interacting partners: ** build 2 multiple sequence alignments with the same species ordered in each ** query the InterEvol database with alignments using profile-profile comparison method * Visualize structure vs sequence alignment at the complex interface ** A dedicated Pymol plugin is provided ** Alignment views in Pymol are interactively restricted to the residues selected at the interface

Abbreviations: InterEvol

Resource Type: software resource, database, analysis service resource, service resource, data or information resource, production service resource, data analysis service

Defining Citation: PMID:22053089

Keywords: structure, evolution, protein complex, interface, protein complex, sequence alignment, plug in, protein structure, visualization, pymol plugin, structural homolog, structural interolog, bio.tools

Funding Agency: Commissariat a lEnergie Atomique, ANR HPGenVar

Availability: Free and open to all users - no login requirement
**Resource Name:** InterEvol database  
**Resource ID:** SCR_006054  
**Alternate IDs:** nlx_151453, biotools:interevol  
**Alternate URLs:** https://bio.tools/interevol

### Ratings and Alerts

No rating or validation information has been found for InterEvol database.

No alerts have been found for InterEvol database.

### Data and Source Information

**Source:** SciCrunch Registry

### Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#).

