

Resource Summary Report

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SuperSite

RRID:SCR_005293

Type: Tool

Proper Citation

SuperSite (RRID:SCR_005293)

Resource Information

URL: <http://bioinformatics.charite.de/supersite>

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Description: An encyclopedia that is dedicated to a ligand and binding site oriented view of the protein structural space. SuperSite integrates evolutionary information in the proteins as well as predicted binding sites from LigsiteCSC. A point set match algorithm is implemented that allows to screen the surface of a protein for the occurrence of possible binding sites as well as a similarity screen for similar compounds based on fingerprints. SuperSite allows users to discover the ligand space of the PDB, check for evolutionary conservation of residues using HSSP files, display possible binding sites of proteins via the LigsiteCSC algorithm, similarity screen for ligands contained in the SuperSite, and screen a protein for the possible similarity of binding pockets towards certain known drug binding sites.

Synonyms: SuperSite

Resource Type: data or information resource, database

Keywords: binding site, ligand, protein structure

Resource Name: SuperSite

Resource ID: SCR_005293

Alternate IDs: nif-0000-03515

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260912T200136+0000

Ratings and Alerts

No rating or validation information has been found for SuperSite.

No alerts have been found for SuperSite.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.