

Resource Summary Report

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UniPROBE

RRID:SCR_005803

Type: Tool

Proper Citation

UniPROBE (RRID:SCR_005803)

Resource Information

URL: http://the_brain.bwh.harvard.edu/uniprobe/

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Description: Database that hosts experimental data from universal protein binding microarray (PBM) experiments (Berger et al., 2006) and their accompanying statistical analyses from prokaryotic and eukaryotic organisms, malarial parasites, yeast, worms, mouse, and human. It provides a centralized resource for accessing comprehensive data on the preferences of proteins for all possible sequence variants ("words") of length k ("k-mers"), as well as position weight matrix (PWM) and graphical sequence logo representations of the k-mer data. The database's web tools include a text-based search, a function for assessing motif similarity between user-entered data and database PWMs, and a function for locating putative binding sites along user-entered nucleotide sequences.

Abbreviations: UniPROBE

Synonyms: UniPROBE Database, Universal Protein Binding Microarray Resource for Oligonucleotide Binding Evaluation, Universal PBM Resource for Oligonucleotide Binding Evaluation

Resource Type: data or information resource, database

Defining Citation: [PMID:21037262](#), [PMID:18842628](#)

Keywords: protein, in vitro, dna binding, protein binding, genetics, dna, nucleotide sequence, sequence variant, k-mer, position weight matrix, graphical sequence logo, motif, motif similarity, binding site, microarray, protein-dna interaction, protein binding microarray probe sequence, probe, FASEB list

Availability: Acknowledgement requested, Academic research use license

Resource Name: UniPROBE

Resource ID: SCR_005803

Alternate IDs: nif-0000-03611, OMICS_00546, r3d100010557

Alternate URLs: http://thebrain.bwh.harvard.edu/pbms/webworks_pub/,
<https://doi.org/10.17616/R35C9J>

Record Creation Time: 20220129T080232+0000

Record Last Update: 20261017T203257+0000

Ratings and Alerts

No rating or validation information has been found for UniPROBE.

No alerts have been found for UniPROBE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.