

Resource Summary Report

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ProbeMatchDB 2.0

RRID:SCR_003433

Type: Tool

Proper Citation

ProbeMatchDB 2.0 (RRID:SCR_003433)

Resource Information

URL:

http://brainarray.mbni.med.umich.edu/Brainarray/Database/ProbeMatchDB/ncbi_probmatch_para_st

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Description: Matches a list of microarray probes across different microarray platforms (GeneChip, EST from different vendors, Operon Oligos) and species (human, mouse and rat), based on NCBI UniGene and HomoloGene. The capability to match protein sequence IDs has just been added to facilitate proteomic studies. The ProbeMatchDB is mainly used for the design of verification experiments or comparing the microarray results from different platforms. It can be used for finding equivalent EST clones in the Research Genetics sequence verified clone set based on results from Affymetrix GeneChips. It will also help to identify probes representing orthologous genes across human, mouse and rat on different microarray platforms.

Abbreviations: ProbeMatchDB

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

Defining Citation: [PMID:11934751](#)

Keywords: experiment, human, microarray, mouse, oligo, operon, platform, probe, protein, proteomic, rate, sequence, study, gene, est, cDNA, STS marker, orthologous gene, ortholog, microarray probe, nucleotide sequence

Funding: University of Michigan Microarray Network ;
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Department of Psychiatry pilot study ;
NIMH L99 MH60398;
NIDA R21 DA13754-01

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: ProbeMatchDB 2.0

Resource ID: SCR_003433

Alternate IDs: nif-0000-33156

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260805T044054+0000

Ratings and Alerts

No rating or validation information has been found for ProbeMatchDB 2.0.

No alerts have been found for ProbeMatchDB 2.0.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.