SMD
RRID:SCR_004987
Type: Tool

Proper Citation
SMD (RRID:SCR_004987)

Resource Information
URL: http://smd.princeton.edu/
Proper Citation: SMD (RRID:SCR_004987)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on December 17, 2021. Database to store, annotate, view, analyze and share microarray data. It provides registered users access to their own data, provides users access to public data, and tools with which to analyze those data, to any public user anywhere in the world. The GenePattern software package has been incorporated directly into SMD, providing access to many new analysis tools, as well as a plug-in architecture that allows users to directly integrate and share additional tools through SMD. This extension is available with the SMD source code that is fully and freely available to others under an Open Source license, enabling other groups to create a local installation of SMD with an enriched data analysis capability. SMD search options allow the user to Search By Experiments, Search By Datasets, or Search By Gene Names. Web services are provided using common standards, such as Simple Object Access Protocol (SOAP). This enables both local and remote researchers to connect to an installation of the database and retrieve data using pre-defined methods, without needing to resort to use of a web browser.

Abbreviations: SMD

Synonyms: Stanford Microarray Database

Resource Type: data analysis service, database, service resource, analysis service resource, data repository, data or information resource, production service resource, storage service resource
Defining Citation: PMID:18953035, PMID:17182626, PMID:15608265, PMID:12519956, PMID:11125075

Keywords: data set, microarray, gene, image, gene expression, adenovirus disease, apoptosis, leukemia, source code, web service

Funding Agency: NCI, Howard Hughes Medical Institute, Stanford University School of Medicine; California; USA, NHGRI

Availability: Public, Open-source license, The community can contribute to this resource, Acknowledgement requested, THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: SMD

Resource ID: SCR_004987

Alternate IDs: nlx_94141, OMICS_00870


Ratings and Alerts

No rating or validation information has been found for SMD.

No alerts have been found for SMD.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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


Mori A, et al. (2014) Effect of photoperiod on the feline adipose transcriptome as assessed by RNA sequencing. BMC veterinary research, 10, 146.


