

Metabolomic resources:

URLs that provide online or downloadable databases and/or tools for identifying metabolites, their pathways and related genetic, transcriptomic and proteomic information.

| Database or Tool | URL |
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| AraCyc. The Arabidopsis Information Resource (TAIR) | http://www.arabidopsis.org/biocyc/index.jsp |
| BioMeta | http://cheminf.cmbi.ru.nl/biometa/index.html |
| BioPathAt | http://www.wsu.edu/~lange-m/biochemical.htm |
| BRENDA | http://www.brenda-enzymes.org/ |
| ChemExper | http://www.chemexper.com/ |
| Chemfinder | http://chemfinder.cambridgesoft.com |
| Chemical Abstracts Service (CAS) | http://www.cas.org |
| Chemical Entities of Biological Interest (ChEBI) | http://www.ebi.ac.uk/chebi/ |
| ChemIDplus | http://chem.sis.nlm.nih.gov/chemidplus/ |
| Chemspider | http://www.chemspider.com |
| Chlamycyc | http://chlamyto.mpimp-golm.mpg.de/chlamycyc/index.jsp |
| Cytoscape | http://www.cytoscape.org/ |
| DatPAV | http://www.sdwa.nus.edu.sg/DATPAV/ |
| Dictionary of Natural Products | http://www.chemnetbase.com |
| EcoCyc - Encyclopedia of Escherichia coli K-12 Genes and Metabolism | http://www.ecocyc.org/ |
| ERGO | http://www.ergo-light.com/ |
| ExPASy | http://www.expasy.ch/ |
| Genevestigator | https://www.genevestigator.ethz.ch/ |
| GeNome Analysis and Research Environment (GNARE) | http://compbio.mcs.anl.gov/gnare/gnare_home.cgi |
| Golm Metabolome Database | http://gmd.mpimp-golm.mpg.de/ |
| Human Metabolome Project (HMP) | http://www.hmdb.ca/ and http://www.metabolomics.ca/ |
| KaPPA-View | http://kpv.kazusa.or.jp/kpv4/ |
| International Union of Pure and Applied Chemistry (IUPAC) | http://www.iupac.org |
| KNAPSAck | http://kanaya.naist.jp/KNAPSAck/ |
| Kyoto Encyclopaedia of Genes and Genomes (KEGG) | http://www.genome.jp/kegg and http://www.kegg.org |
| LIGAND database | |
| MAPMAN | http://mapman.gabipd.org/web/guest |
| MetaCyc Encyclopaedia of Metabolic Pathways | http://metacyc.org |
| MetaGeneAllyse | http://metageneanalyse.mpimp-golm.mpg.de/ |
| MetaSHARK | http://bioinformatics.leeds.ac.uk/shark/ |
| MetDAT - Metabolomics Data Analysis Tool | http://www.sdwa.nus.edu.sg/METDAT2/ |
| MetExplore | http://metexplore.toulouse.inra.fr/metexplore/ |
| METLIN | http://metlin.scripps.edu/index.php |
| National Centre for Biotechnology Information (NCBI) | http://www.ncbi.nlm.nih.gov/ |
| National Institute of Standards and Technology (NIST) | http://webbook.nist.gov |
| National Cancer Institute (NCI) | http://129.43.27.140/ncidb2/?nsc=406942 |
| Nomenclature Committee of the International Union of Biochemistry and Molecular Biology (NC-IUBMB) | http://www.chem.qmul.ac.uk/iubmb/enzyme/ |
| ONDEX | http://www.ondex.org/ |
| Pathway Tools Omics Viewer | http://www.arabidopsis.org:1555/expression.html |
| Pathway Hunter Ttool | http://pht.tu-bs.de/PHT/ |
| Plant Metabolic Network (PMN) | http://plantcyc.org |

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| PubChem | http://pubchem.ncbi.nlm.nih.gov |
| Puma2 | http://compbio.mcs.anl.gov/puma2/ |
| Pychem | http://sourceforge.net/projects/pychem |
| Reactome | http://www.reactome.org |
| Spectral Database for Organic Compounds SDBS | http://riodb01.ibase.aist.go.jp/sdbs/cgi-bin/cre_index.cgi?lang=eng |
| The Arabidopsis Information Resource (TAIR) | http://www.arabidopsis.org |
| The Pherobase: Database of insect pheromones and semiochemicals | http://pherobase.com/ |
| 3DMET: three-dimensional-structure database of natural metabolites | http://www.3dmet.dna.affrc.go.jp/ |