

•• MAJOR DATABASE RESOURCE CENTERS

> <http://www.ebi.ac.uk>

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> <http://www.ncbi.nlm.nih.gov>

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> <http://img.jgi.doe.gov/#IMGSystems>

> <http://genome.jgi-psf.org>

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•• LINKS COLLECTIONS

> http://www.bioinformatics.ca/links_directory/

> <http://www.oxfordjournals.org/nar/database/c>

> http://bioinformatics.ca/links_directory/narweb2009/

> <http://www.bioinformatics.nl/tools/>

> <http://www.biocatalogue.org>

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•• GENOME COLLECTIONS

> <http://www.ncbi.nlm.nih.gov/genomes/lproks.cgi>

> <http://www.ncbi.nlm.nih.gov/sites/entrez?db=genome>

> <http://www.ebi.ac.uk/genomes/>

> <http://www.jcvi.org>

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> <http://www.nmpdr.org/FIG/wiki/view.cgi>

> <http://img.jgi.doe.gov/#IMGSystems>

> <http://genamics.com/genomes/>

> <http://genomesonline.org/>

> <http://www.microbesonline.org>

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> <http://genome.jgi-psf.org>

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•• GENOME BROWSING

> <http://www.ensembl.org/index.html>

> <http://genome.ucsc.edu>

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> http://wishart.biology.ualberta.ca/BacMap/graphs_cgview.html

> <http://www.g-language.org/g3/>

> <http://www-bimas.cit.nih.gov/cards/>

> http://gbrowse.org/wiki/index.php/Main_Page

•• SEQUENCE ANALYSIS

> <http://www.ualberta.ca/~stothard/javascript/index.html>

> <http://main.g2.bx.psu.edu>

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> <http://zeus.few.vu.nl/programs/multireliefwww/>

> <https://cm.jefferson.edu/data-tools-downloads/teiresias/>

> http://www.mimg.ucla.edu/faculty/miller_jh/gene2music/home.html

•• SEQUENCE COMPARISON

> <http://protein.hbu.cn/fssp/ekhidna.biocenter.helsinki.fi/sqgraph/pairsdb/>

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> <http://blast.ncbi.nlm.nih.gov/Blast.cgi>

•• SEQUENCE DATABASE SEARCHING

> <http://blast.ncbi.nlm.nih.gov/Blast.cgi>

•• MULTIPLE ALIGNMENT

> <http://www.jalview.org>

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> <http://gel.ahabs.wisc.edu/mauve/>

> http://www.ncbi.nlm.nih.gov/tools/cobalt/cobalt.cgi?link_loc=BlastHomeAd

> <http://www.ebi.ac.uk/Tools/clustalw2/index.html>

> <http://www.ncbi.nlm.nih.gov/proteinclusters>

•• STRUCTURE VISUALIZATION

> <http://www.ncbi.nlm.nih.gov/Structure/CN3D/cn3d.shtml>

> <http://www.ncbi.nlm.nih.gov/Structure/VAST/vast.shtml>

> <http://www.wwpdb.org>

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> <http://www.ncbi.nlm.nih.gov/sites/entrez?db=structure>

•• EXPRESSION ANALYSIS

> <http://www.dcode.org>

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> <http://www.ncbi.nlm.nih.gov/geo/>

> <http://www.ebi.ac.uk/microarray-as/ae/>

> <http://david.abcc.ncifcrf.gov>

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> <http://www.ebi.ac.uk/gxa/>

> <http://www.proteinatlas.org>

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> <http://operondb.cbcb.umd.edu/cgi-bin/operondb/operons.cgi>

•• TEXT MINING & ANNOTATION

> <http://www.gpubmed.org/web/gpubmed/>

> <http://www.ihop-net.org/UniPub/iHOP/>

> <http://www.tsujii.is.s.u-tokyo.ac.jp/medie/search.cgi>

> <http://www.hubmed.org>

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> <http://etest.vbi.vt.edu/etblast3/>

> <http://fable.chop.edu>

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> <http://www.bioinf.org.uk/fosta/>

> <http://msearch.ncibi.org>

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> <http://www.ingenuity.com>

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> <http://genotext.stanford.edu>

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> <http://babelomics.bioinfo.cipf.es>

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•• ONTOLOGIES

> <http://www.geneontology.org>

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> <http://www.nlm.nih.gov/mesh/>

> <http://www.bioontology.org>

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> <http://www.ingenuity.com>

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•• METABOLIC PATHWAYS

> <http://biocyc.org>

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> <http://www.genome.jp/kegg/>

> <http://www.reactome.org>

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> <http://www.armet.org>

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> <http://www.pathblast.org>

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> <http://cbio.mskcc.org/tools/pathways/index.html>

> <http://www.pathguide.org>

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> <http://www.plantcyc.org>

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> <http://chlamyto.mpimp-golm.mpg.de/chlamycyc/index.jsp>

•• INTERACTION DATABASES & VISUALIZATION

> <http://ophid.utoronto.ca/navigator/>

> <http://www.biolayout.org>

> <http://biodata.mshri.on.ca/osprey/servlet/Index>

> <http://visant.bu.edu>

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> <http://www.pathguide.org>

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> <http://www.cs.tau.ac.il/~bnet/networkblast.htm>

> <http://www.compsysbio.org/bacteriome/>

> <http://www.droidb.org>

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> <http://arena3d.org>

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> <http://sonorus.princeton.edu/hefalmp/>

> <http://www.york.ac.uk/res/thomas/index.cfm>

> <http://discern.uits.iu.edu:8340/HPD/>

•• PLANT BIOLOGY

> <http://www.gramene.org/pathways/>

> <http://sundarlab.ucdavis.edu/mirna/>

> <http://www.ag.arizona.edu/microarray/>

> <http://www.ricearray.org>

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> http://www.nias.affrc.go.jp/index_e.html

> <http://mpss.udel.edu/at/>

> <http://www.iplantcollaborative.org>

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> <http://www.plantcyc.org>

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> <http://bar.utoronto.ca>

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> <http://www.phi-base.org>

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> <http://www.phytozome.net>

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> <http://fgp.huck.psu.edu/tribedb/index.pl>

- > http://gbrowse.org/wiki/index.php/Arabidopsis_thaliana
- > <http://bioinfo.bti.cornell.edu/cgi-bin/MetGenMAP/home.cgi>
- > <http://bioinfo.esalq.usp.br/atpin/atpin.pl>
- > <http://bioinformatics.psb.ugent.be/plaza/>

- > <http://www.greenomes.org>

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•• COMPLEX STUFF

- > <http://cbio.mskcc.org/tools/index.html>

- > <http://www.jcvi.org/cms/research/platforms/informatics/>

- > <http://www.visualcomplexity.com/vc/>

- > <http://jura.wi.mit.edu/bio/>

- > <http://geneticassociationdb.nih.gov>

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- > <http://www.pathwaycommons.org/pcviz/>

- > <http://cargo.bioinfo.cnio.es>

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- > <http://www.ondex.org>

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- > <http://www.mirbase.org>

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•• EVOLUTION, COMPARATIVE GENOMICS

- > <http://tolweb.org/tree/>

- > <http://www.cmbi.ru.nl/cdd/phylopat/52/>

- > <http://itol.embl.de>

- /

- > <http://genomics10.bu.edu/cgi-bin/GeneChords/GeneChords.cgi>

- > <http://roundup.hms.harvard.edu/>

- > <http://www.metazome.net>

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- > <http://tree.bio.ed.ac.uk/software/seqgen/>

- > <http://wolfe.gen.tcd.ie/ygob/>

- > <http://enterix.cbc.umd.edu>

- EPIGENOMICS, NEXT-GEN SEQUENCING
- > <http://www.biostat.jhsph.edu/~hji/cisgenome/index.htm>

- > <http://dir.nhlbi.nih.gov/papers/lmi/epigenomes/hgtcell.aspx>

- > <http://dir.nhlbi.nih.gov/papers/lmi/epigenomes/hgtcellacetylation.aspx>

- > <http://www.gersteinlab.org/proj/chip-seq-simu/>

- > <http://bowtie-bio.sourceforge.net/crossbow/index.shtml>

- > <http://www.isrec.isb-sib.ch/chipseq/>

- > <http://home.gwu.edu/~wpeng/Software.htm>

- > <http://ccg.vital-it.ch/chipseq/>

•• ENVIRONMENT, BIODIVERSITY, METAGENOMICS

> <http://egg.umh.es/micromar/>

> <http://www.cbd.int>

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> <http://www.gbif.org>

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> <http://www.coml.org>

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> <http://www.metafunctions.org>

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•• EDUCATION

> <http://www.computational-genomics.net>

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> http://ibi.zju.edu.cn/bioinplant/courses/bioin_history.htm

> <http://thepersonalgenome.com>

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> <http://www.biologyreference.com>

/

> <http://genomicsdigitallab.com/gdl/default.cfm>

> <http://bionet.awardspace.info>

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> <http://www.ncbi.nlm.nih.gov/bookshelf/br.fcgi?book=sef&part=A166>