

Internet URL list

Last updated: July, 13th, 2006

Course Bioinformatics II, Aug, 4-6, 2006

Josef Maier

josef.maier@uni-tuebingen.de

Functional genomics

Microarrays

Microarray Bioinformatics at EBI	http://www.ebi.ac.uk/microarray/index.html
Arrayexpress at the EBI	http://www.ebi.ac.uk/arrayexpress/
Expression Profiler at EBI	http://www.ebi.ac.uk/expressionprofiler/
Documentation for Expression Profiler	http://ep.ebi.ac.uk/Docs/
NCBI GEO Gene Expression Omnibus	http://www.ncbi.nlm.nih.gov/geo/
Stanford Microarray Database	http://genome-www5.stanford.edu/
Microarray Gene Expression Data Society	http://www.mged.org/
Yale Microarray Database	http://info.med.yale.edu/microarray/
TIGR functional genomics	http://www.tigr.org/microarray
NGFN German National Functional Genomics Network	http://www.ngfn.de/
Genevestigator	https://www.genevestigator.ethz.ch/
CATMA – A complete Arabidopsis Transcriptome MicroArray	http://www.catma.org/
The Arabidopsis Information Resource - TAIR	http://www.arabidopsis.org/
AFGN Arabidopsis Functional Genomics Network	http://www.uni-tuebingen.de/plantphys/AFGN/
Microarray.Org – Microarray protocols and software	http://microarray.org/sfgf/
NIH - Guide to Microarray Data analysis	http://discover.nci.nih.gov/microarrayAnalysis/Microarray.Home.jsp
Microarray Tools at NCI	http://discover.nci.nih.gov/tools.jsp
Cluster and Treeview from the Eisen Lab	http://rana.lbl.gov/EisenSoftware.htm
BioConductor Project - Open Source Software for Bioinformatics	http://www.bioconductor.org/
Broad Institute Genecluster 2.0	http://www.broad.mit.edu/cancer/software/genecluster2/gc_license.html
dChip Software: Gene Expression Microarray and SNP Microarray Analysis	http://biosun1.harvard.edu/complab/dchip/
NASC Affymetrix Service: Analysis hints	http://affymetrix.arabidopsis.info/analysis/index.html
Analysis of Affymetrix data using Excel	http://affymetrix.arabidopsis.info/analysis/AffyAnalysisWithExcel.html
MicroArray Explorer tool for Data Mining Gene Expression Patterns	http://maexplorer.sourceforge.net/
MapMan - integrative view of microarray data and metabolic maps	http://gabi.rzpd.de/projects/MapMan/
GenMAPP Gene Map Annotator and Pathway Profiler	http://www.genmapp.org/introduction.asp

Proteomics

EXPASY Swiss 2Dpage	http://www.expasy.org/ch2d/
WORLD-2DPAGE Index to 2D-PAGE databases and services	http://www.expasy.org/ch2d/2d-index.html
EXPASY Peptide Mass Tool	http://www.expasy.org/tools/peptide-mass.html
EXPASY PeptIdent Tool	http://au.expasy.org/tools/peptident.html
MASCOT Peptide Mass Fingerprint	http://www.matrixscience.com/search_form_select.html
UCSF Protein Prospector	http://prospector.ucsf.edu/
PROWL protein and MS tools	http://prowl.rockefeller.edu/

PRIDE - Proteomics Identifications Database	http://www.ebi.ac.uk/pride/
RESID Database of protein modifications	http://www.ebi.ac.uk/RESID/
Scaffold protein identification framework (by Proteome Software)	http://www.proteomesoftware.com/Proteome_software_prod_Scaffold.html
Proteomics Society	http://www.proteome.org/
HUPO - Human Proteome Organisation	http://www.hupo.org/
HPI - Human Proteomics Initiative	http://www.ebi.ac.uk/swissprot/hpi/hpi.html
gabi Arabidopsis Proteomics Data	http://gabi.rzpd.de/projects/Arabidopsis_Proteomics/
Proteomics from Angelika Görg	http://www.weihenstephan.de/blm/deg/
Boston University Biology Proteomics Resource	http://genomics10.bu.edu/jtullai/proteomics_resources/
Deutsche Gesellschaft für Proteomforschung	http://www.dgpf.org/
SWISS Proteomics Society Proteomics Links	http://www.swissproteomicsociety.org/links.html
IonSource Proteomics Resource Links	http://www.ionsource.com/links/proteolinks.htm

Protein-Protein Interactions

EBI IntAct Project	http://www.ebi.ac.uk/intact/index.jsp
DIP - Database of Interacting Proteins	http://dip.doe-mbi.ucla.edu/
BIND - Biomolecular Interaction Network Database	http://www.bind.ca/Action
MIPS Mammalian Protein-Protein Interaction Database	http://mips.gsf.de/proj/ppi/
BioGRID - General Repository for Interaction Datasets	http://www.thebiogrid.org/
HPID Human Protein Interaction Database	http://wilab.inha.ac.kr/hpid/
The JCB Protein-Protein Interaction Website	http://www.imb-jena.de/jcb/ppi/
MIPS Yeast Protein-Protein-Interaction and Complex Viewer	http://mips.gsf.de/proj/yeast/CYGD/interaction/
Yeast Protein complex database	http://yeast.cellzome.com/
MINT - Molecular Interactions database	http://mint.bio.uniroma2.it/mint/
Complexpander - Predicting protein complexes	http://llama.med.harvard.edu/cgi/Complexpander/Complexpander.pl
PathBlast - Comparison of interaction networks between organisms	http://www.pathblast.org/
iHOP - Information Hyperlinked over Proteins	http://www.ihop-net.org/UniPub/iHOP/
String: functional protein association networks	http://string.embl.de/
SPIES - Scientific-literature-based protein interaction extraction system	http://spies.cs.tsinghua.edu.cn/spies/
PreBIND literature protein interaction extractor	http://prebind.bind.ca/
BioPAX - data exchange for biological pathway data	http://www.biopax.org/
Graphviz - Open Source Graph Visualization Software	http://www.graphviz.org/
Cytoscape - open source software for interaction visualization and integration	http://www.cytoscape.org/
visANT - Visual Analysis Tool for Biological Networks and Pathways	http://visant.bu.edu/
aiSee - commercial Graph layout software	http://www.aisee.com/
Stratagene PathwayArchitect Software	http://www.stratagene.com/tradeshows/feature.aspx?fpId=90

miRNA

RNA Molecular Biology Tuschl Lab	http://www.rockefeller.edu/labheads/tuschl/
miRBASE microRNA database Sanger Institute	http://microrna.sanger.ac.uk/
Rfam RNA families database of alignments and CMs Sanger Institute	http://www.sanger.ac.uk/Software/Rfam/
The siRNA user guide - Tuschl Lab	http://www.rockefeller.edu/labheads/tuschl/sirna.html

Systems Biology

System Biology Information Resources

The Systems Biology Institute - Tokyo	http://sbi.jp/
BioModels.NET	http://www.biomodels.net/
The Reactome Project	http://www.reactome.org/
Panther Classification Systems - Panther Pathways	http://www.pantherdb.org/pathway/
KDBI - Kinetic Data of Biomolecular Interactions	http://xin.cz3.nus.edu.sg/group/kdbi/kdbi.asp
SBML Systems Biology Markup Language	http://sbml.org/index.psp
Systems Biology at UC San Diego	http://systemsbiology.ucsd.edu/
The International Society for Systems Biology	http://www.symbio.jst.go.jp/issb/
Systems Biology Portal www.systems-biology.org	http://www.systems-biology.org/
HepatoSys - Network Systems Biology	http://www.systembiologie.de/de/index.html
SystemsX - The Swiss Initiative in Systems Biology	http://www.systemsx.ch/
YSBN The Yeast Systems Biology Network	http://www.gmm.gu.se/YSBN/

Systems Biology Modeling Tools

Systems Biology WorkBench SWB package	http://sbw.kgi.edu/research/sbwIntro.htm
JDesigner: A Biochemical Network Layout Tool	http://sbw.kgi.edu/software/jdesigner.htm
Jarnac biochemical simulation package	http://sbw.kgi.edu/software/jarnac.htm
Pasadena Twain ODE solver of the SWB package	http://sbw.sourceforge.net/sbw/software/
CADLIVE - network construction system	http://kurata21.bse.kyutech.ac.jp/cadlive/
Dizzy stochastic simulations tool	http://magnet.systemsbiology.net/software/Dizzy/
CellDesigner - a modeling tool for biochemical networks	http://www.celldesigner.org/
CellWare - building computational chassis for systems and synthetic biology	http://www.cellware.org/
E-Cell project	http://www.e-cell.org/
COPASI - Complex Pathway Simulator	http://www.copasi.org/
Gepasi - Biochemical Kinetics Simulator	http://www.gepasi.org/
Dynetica - a simulator of dynamic networks	http://www.duke.edu/~you/Dynetica_page.htm
PLAS Power Law Analysis and Simulation tool	http://www.dqb.fc.ul.pt/docentes/aferreira/plas.html
JSim - a Java based simulation system	http://nsr.bioeng.washington.edu/PLN/Software/
STOCKS - Stochastic kinetic simulations	http://www.sysbio.pl/stocks/index.html
Basis Gillespie Stochastic Simulator	http://www.basis.ncl.ac.uk/software.html
CaliBayes - Bayesian calibration of biological simulators	http://www.calibayes.ncl.ac.uk/
JWS Online - Online Cellular Systems Modelling	http://jjj.biochem.sun.ac.za/
PyBioS - web server for modeling and simulation of cellular systems	http://pybios.molgen.mpg.de/
Virtual Cell Internet simulation server at NRCAM	http://www.nrcam.uchc.edu/

Small molecules

KEGG Drug Database	http://www.genome.ad.jp/kegg/drug/
KEGG Ligand Database	http://www.genome.ad.jp/kegg/ligand.html
ChEBI - Chemical Entities of Biological Interest	http://www.ebi.ac.uk/chebi/
MSD Ligand Chemistry in PDB	http://www.ebi.ac.uk/msd-srv/msdchem/cgi-bin/cgi.pl
NCBI PubChem Compound	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pccompound
NCBI PubChem Substance	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pcsubstance
NLM SIS Chemical Information	http://sis.nlm.nih.gov/chemical.html
NCI-3D Search	http://chem.sis.nlm.nih.gov/nci3d/
ChemIDplus	http://chem.sis.nlm.nih.gov/chemidplus/
ChemFinder Searching	http://chemfinder.cambridgesoft.com/
CHEMINFO: Chemical Information Sources from Indiana University	http://www.indiana.edu/~cheminfo/
Acronymfinder	http://www.acronymfinder.com/

Annotation

Gene Function Resources

Gene Ontology (GO) Consortium	http://www.geneontology.org/
QuickGO - GO Browser at EBI	http://www.ebi.ac.uk/ego/QuickGO
AmiGO - GO Browser	http://www.godatabase.org/
GOA - Gene Ontology Annotation Project at EBI	http://www.ebi.ac.uk/GOA/index.html
GoFish! GO searching tool	http://llama.med.harvard.edu/Software.html
GOSTat - find statistically overrepresented GO terms	http://gostat.wehi.edu.au/
Online Mendelian Inheritance in Man	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=OMIM
GeneCards Weizmann	http://www.genecards.org/index.shtml
Genetic Association Database	http://geneticassociationdb.nih.gov/

Integrated annotation services

NIH - DAVID 2006 Annotation tools	http://david.abcc.ncifcrf.gov/home.jsp
eFamily Project - Grid integrating of protein database annotations	http://www.efamily.org.uk/
DAS - Distributed Annotation System	http://biodas.org/
DAS registry server at Sanger - available DAS servers	http://das.sanger.ac.uk/registry/listServices.jsp
SPICE - DAS Client	http://www.efamily.org.uk/software/dasclients/spice/
Ensembl Genome Browser DAS client	http://www.ensembl.org/
Dasty - DAS client	http://www.ebi.ac.uk/das-srv/uniprot/dasty/

Gene prediction services

AAT Server - Analysis and Annotation Tool	http://genome.cs.mtu.edu/aat.html
Glimmer Microbial Gene-Finding System	http://cbcb.umd.edu/software/glimmer/
GrailExp Grail Experimental Gene Discovery Suite	http://compbio.ornl.gov/Grail-1.3/
BCM Gene Feature Searches	http://searchlauncher.bcm.tmc.edu/seq-search/gene-search.html
CBS HMMgene server	http://www.cbs.dtu.dk/services/HMMgene/
CBS NetGene2 server	http://www.cbs.dtu.dk/services/NetGene2/
CBS NetPlantGene server	http://www.cbs.dtu.dk/services/NetPGene/
CBS Genome Atlas	http://www.cbs.dtu.dk/services/GenomeAtlas/
GeneMark	http://opal.biology.gatech.edu/GeneMark/
WebGeneMark	http://opal.biology.gatech.edu/GeneMark/genemark24.cgi
Eukaryotic WebGeneMark	http://opal.biology.gatech.edu/GeneMark/eukhmm.cgi
GENSCAN (C. Burge)	http://bioweb.pasteur.fr/seqanal/interfaces/genSCAN-simple.html
SplicePredictor	http://deepc2.psi.iastate.edu/cgi-bin/sp.cgi
Lowelab tRNAscan-SE Search Server	http://lowelab.ucsc.edu/tRNAscan-SE/
Rat Genome Database METAGENE Annotation Tool	http://rgd.mcw.edu/METAGENE/

Promotor prediction services

CBS NetStart 1.0 server Translation Start	http://www.cbs.dtu.dk/services/NetStart/
CBS Promoter 2.0 server	http://www.cbs.dtu.dk/services/promoter/
WWW Promotor Scan Pol II	http://bimas.dcrn.nih.gov/molbio/proscan/
EPD Eukaryotic promotor database	http://www.epd.isb-sib.ch/
TRADAT Transcription Databases and Analysis Tool	http://www.epd.isb-sib.ch/TRADAT.html
TFSEARCH - Transcription Factor Search	http://www.cbrc.jp/research/db/TFSEARCH.html
ORegAnno: Open Regulatory Annotation	http://www.oreganno.org/oreganno/Index.jsp
cisRED: cis-regulatory element database	http://www.cisred.org/
MotifMogul - Multiple Transcription Factor Bindin Sites Algorithms	http://labs.systemsbioology.net/bolouri/Mogul/

Pathways

KEGG: Kyoto Encyclopedia of Genes and Genomes	http://www.genome.ad.jp/kegg/
ExPASy - Biochemical Pathways	http://www.expasy.org/cgi-bin/search-biochem-index
BioCarta - Pathways	http://www.biocarta.com/genes/index.asp
Signaling Gateway - Cell Signaling Resource Nature	http://www.signaling-gateway.org/
Reactome Project	http://www.reactome.org/
Pathway Knowledge Base	http://pkb.stanford.edu/
BioCyc Database Collection	http://www.biocyc.org/
MetaCyc Encyclopedia of Metabolic Pathways	http://metacyc.org/
MIM Molecular Interaction Maps at NCI	http://discover.nci.nih.gov/mim/
IUPHAR receptor database	http://www.iuphar-db.org/
LGICD Ligand-gated ion-channel database	http://www.ebi.ac.uk/compneur-srv/LGICdb/LGICdb.php
SPAD: Signaling Pathways Database	http://www.grt.kyushu-u.ac.jp/spad/
AraCyc - Pathway Database of Arabidopsis thaliana	http://www.arabidopsis.org/biocyc/
DRASTIC- Database resource for analysis of signal transduction in plant cells	http://www.drastic.org.uk/
Invitrogen iPath Human Biological Pathways	http://escience.invitrogen.com/iPath/
BBID-Biological Biochemical Image Database	http://bbid.grc.nia.nih.gov/
biodirectory - biochemical and metabolic pathways	http://www.biodirectory.com/directory/Biochemistry/Biochemical_and_metabolic_pathways_434.html
Signal Transduction - Biochemweb.org virtual library	http://www.biochemweb.org/signaling.shtml
BioPAX - data exchange for biological pathway data	http://www.biopax.org/
visANT - Visual Analysis Tool for Biological Networks and Pathways	http://visant.bu.edu/
MapMan - integrative view of microarray data and metabolic maps	http://gabi.rzpd.de/projects/MapMan/
GenMAPP Gene Map Annotator and Pathway Profiler	http://www.genmapp.org/introduction.asp

Enzymes

Enzyme Database - BRENDA	http://brenda.bc.uni-koeln.de/
REBASE The Restriction Enzyme Database	http://rebase.neb.com/rebase/rebase.html
Protein Kinase Resource	http://www.kinaset.net.org/pkr/
Kinase.com Global kinome analysis	http://www.kinase.com/
IntEnz EBI Enzyme Database	http://www.ebi.ac.uk/intenz/index.html
Catalytic Site Atlas - CSA (EBI)	http://www.ebi.ac.uk/thornton-srv/databases/CSA/

Motifs Profiles Domains

Interpro Domain and Profile Database	http://www.ebi.ac.uk/interpro/
ExPASy - PROSITE	http://www.expasy.org/prosite/
ExPASy - ScanProsite tool	http://www.expasy.org/tools/scanprosite/
SIB myHits motif scan	http://hits.isb-sib.ch/cgi-bin/motif_scan
PRINTS protein fingerprints	http://www.bioinf.man.ac.uk/dbbrowser/PRINTS/
SMART - Simple Modular Architecture Research Tool	http://smart.embl-heidelberg.de/
Blocks WWW Server	http://blocks.fhcrc.org/blocks/
Block Search	http://blocks.fhcrc.org/blocks/blocks_search.html
The Sanger Centre Pfam Server	http://www.sanger.ac.uk/Software/Pfam/

The Sanger Centre HMM Pfam Searcher	http://www.sanger.ac.uk/Software/Pfam/search.shtml
TIGRFAMs protein families HMM	http://www.tigr.org/TIGRFAMs/index.shtml
ProDom conserved protein domains	http://prodes.toulouse.inra.fr/prodom/current/html/home.php
CDD Conserved domains database NCBI	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=cdd
PANTHER (Protein ANalysis THrough Evolutionary Relationships) Classification	http://www.pantherdb.org/
PIR iProClass Protein Classification	http://pir.georgetown.edu/iproclass/
Superfamily HMM models SCOP	http://supfam.mrc-lmb.cam.ac.uk/SUPERFAMILY/
Gene3D Structural and Functional Annotation	http://cathwww.biochem.ucl.ac.uk:8080/Gene3D/
ModBase - Comparative protein structure models	http://modbase.compbio.ucsf.edu/modbase-cgi-new/index.cgi

Protein structures

RCSB Protein Data Bank	http://www.rcsb.org/pdb/
Entrez-Structure	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Structure
MSD Macromolecular Structure Database at EBI	http://www.ebi.ac.uk/msd/index.html
Structures by electron microscopy at MSD	http://www.ebi.ac.uk/msd-srv/emsearch/index.html
SWISS-MODEL	http://swissmodel.expasy.org/SWISS-MODEL.html
EMBNET - A Quick Guide to Swiss-Model	http://www.embnnet.org/download/guides.html
SCOP: Structural Classification of Proteins	http://scop.mrc-lmb.cam.ac.uk/scop/
Superfamily HMM models SCOP	http://supfam.mrc-lmb.cam.ac.uk/SUPERFAMILY/
CATH database of structural domains	http://cathwww.biochem.ucl.ac.uk/
Gene3D Structural and Functional Annotation	http://cathwww.biochem.ucl.ac.uk:8080/Gene3D/
The DALI database	http://ekhidna.biocenter.helsinki.fi/dali/start
Domain Structure Database NCBI	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Domains
ModBase - Comparative protein structure models	http://modbase.compbio.ucsf.edu/modbase-cgi-new/index.cgi
BALL and BALLView Visualization and Modelling Tools	http://www.ball-project.org/

Sequences

Entrez Browser NCBI	http://www.ncbi.nlm.nih.gov/Entrez/
SRSWWW EMBL-EBI	http://srs.ebi.ac.uk/
DBGET/LinkDB Integrated Database Retrieval System	http://www.genome.ad.jp/dbget/dbget2.html
SRSWWW at Expasy	http://www.expasy.org/srs5/
BCM Search Launcher	http://searchlauncher.bcm.tmc.edu/
GeneCards Weizmann	http://www.genecards.org/index.shtml
Genome Matrix databases information integration	http://genomematrix.rzpd.de/
RefSeq Reference Sequence NCBI	http://www.ncbi.nlm.nih.gov/RefSeq/
Unigene NCBI	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=unigene
Uniprot Universal Protein Resource Swiss-Prot/TREMBL/PIR	http://www.expasy.uniprot.org/
EMBNET QuickGuide Swissprot Trembl Databases	http://www.embnnet.org/download/guides.html
PIR - Protein Information Resource	http://pir.georgetown.edu/
IPI - International Protein Index EBI	http://www.ebi.ac.uk/IPI/IPIhelp.html
Vector Database	http://genome-www2.stanford.edu/vectordb/

Genomes

Ensembl Genome Browser	http://www.ensembl.org/
Entrez-Genome NCBI	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=Genome
Integr8 Proteome Analysis at EBI	http://www.ebi.ac.uk/integr8/
GOLD: Genomes On Line Database v 2.0	http://www.genomesonline.org/
CBS Genome atlas database	http://www.cbs.dtu.dk/services/GenomeAtlas/
MIPS: Munich Information Centre for Protein Sequences	http://mips.gsf.de/
The Institute for Genomic Research	http://www.tigr.org/
The Sanger Centre	http://www.sanger.ac.uk/
Whitehead Institute	http://www.wi.mit.edu/
Broad Institute Center for Genome Research	http://www.broad.mit.edu/seq/
GeneCards Weizmann	http://bioinformatics.weizmann.ac.il/cards/
HGP - Human genome project information	http://www.ornl.gov/sci/techresources/Human_Genome/home.shtml
DHGP - German human genome project	http://www.dhgp.de/
Human Genome Resources NCBI	http://www.ncbi.nlm.nih.gov/genome/guide/human/
Mouse Genome Resources NCBI	http://www.ncbi.nlm.nih.gov/genome/guide/mouse/
Rat Genome resources NCBI	http://www.ncbi.nlm.nih.gov/genome/guide/rat/
Fugu Fish Genomics Project QMUL	http://fugu.biology.qmul.ac.uk/
ZFIN - Zebrafish information network	http://zfin.org/
Wormbase C. elegans	http://www.wormbase.org/
C.elegans Blast server (Sanger Centre)	http://www.sanger.ac.uk/cgi-bin/blast/submitblast/c_elegans
FlyBase Drosophila	http://flybase.net/
Yeast Genome Database MIPS	http://mips.gsf.de/genre/proj/yeast/index.jsp
Yeast Protein complex database	http://yeast.cellzome.com/
Schizosaccharomyces pombe genome (Sanger Centre)	http://www.sanger.ac.uk/Projects/S_pombe/
Neurospora crassa Database (Broad)	http://www.broad.mit.edu/annotation/fungi/neurospora/
Neurospora crassa Database (MIPS)	http://mips.gsf.de/proj/neurospora/
Fungal Genetics Stock Center	http://www.fgsc.net/
tair - The Arabidopsis Information Resource	http://www.arabidopsis.org/
GABI Primary Database (GabiPD) - Genomanalyse Pflanze	http://gabi.rzpd.de/
Plant genomes (MIPS)	http://mips.gsf.de/projects/plants/
Maize Genetics and Genomic Database	http://www.maizegdb.org/
International Rice Genome Sequencing Project	http://rgp.dna.affrc.go.jp/E/IRGSP/

Bioinformatics server

EBI European Bioinformatics Institute	http://www.ebi.ac.uk/index.html
NCBI US National Center for Biotechnology Information	http://www.ncbi.nlm.nih.gov/
GenomeNet WWW server Japan	http://www.genome.ad.jp/
Expasy Proteomics Server	http://www.expasy.org/
EMBNET - A Quick Guide to Expasy	http://www.embnnet.org/download/guideExPASy.pdf
Pôle Bio-Informatique Lyonnais	http://pbil.univ-lyon1.fr/
Weizmann Institute Bioinformatics and Biological Computing	http://bip.weizmann.ac.il/index.html
Baylor College of Medicine HGSC	http://www.hgsc.bcm.tmc.edu/HGSC_home.html
San Diego Supercomputer Center Biological Projects	http://www.sdsc.edu/projects.html
Bielefeld University Bioinformatics Server	http://bibiserv.techfak.uni-bielefeld.de/
HUSAR Bioinformatics Lab - Biocomputing Services at DKFZ	http://genome.dkfz-heidelberg.de/
The Genomics and Bioinformatics Group NCI	http://discover.nci.nih.gov/index.jsp

The bioinformatics bench

Linux

Novell SUSE Linux	http://www.novell.com/linux/
Linux Online	http://www.linux.org/
RedHat Linux	http://www.redhat.com/
Debian Linux	http://www.debian.org/
Ubuntu Linux	http://www.ubuntu.com/
Linux Kernel Archives	http://www.kernel.org/
Knoppix	http://www.knopper.net/knoppix/index-en.html
BioKnoppix	http://bioknoppix.hpcf.upr.edu/
BioLinux	http://www.biolinux.org/
EMBNet A QuickGuide to UNIX	http://www.embnnet.org/download/guides.html
Linux Community (German)	http://www.linux-community.de/
linux.de	http://www.linux.de/
Linux user group Tuebingen	http://tuebingen.linux.de/

Apache and HTML

Apache	http://www.apache.org/
SELFHTML	http://selfhtml.org/

MySQL

MySQL	http://www.mysql.com/
-------	---

PHP

PHP	http://www.php.net/
SELFPHP	http://www.selfphp.info/
PHP FAQ	http://www.faqs.com/knowledge_base/index.phtml/fid/51/
phpMyAdmin	http://sourceforge.net/projects/phpmyadmin/
php-homepage.de - Resource fuer PHP und MySQL	http://www.php-homepage.de/
PHP-Archiv - PHP Scripts	http://www.phparchiv.de/index2.html
phpwelt	http://www.phpwelt.de/

Perl and R

PERL	http://www.perl.com/
The Perl directory at perl.org	http://www.perl.org/
Perl documentation	http://perldoc.perl.org/
ActiveState - ActivePerl Downloads	http://www.activestate.com/Products/ActivePerl/
CPAN PERL Script Archiv	http://www.cpan.org/
Bioperl	http://bio.perl.org/
BioConductor Project - Open Source Software for Bioinformatics	http://www.bioconductor.org/
EMBNet QickGuides PERL and Regular Expressions	http://www.embnnet.org/download/guides.html

The R project for statistical computing	http://www.r-project.org/
The Comprehensive R archive network	http://cran.r-project.org/
Open Source Initiative OSI	http://www.opensource.org/
SourceForge.net Open Source Resource	http://sourceforge.net/

Editors

The Vim Editor	http://www.vim.org/
Proton	http://www.meybohm.de/download.html

Enote

DOE 2000 Electronic Notebook Project ORNL	http://www.csm.ornl.gov/~geist/java/applets/enote/
DOE 2000 Electronic Notebook Project Main	http://www.epm.ornl.gov/enote/
WETLAB: an open source electronic lab notebook	http://128.248.65.210/arrowsmith_uic/wetlab.html

EMBOSS

European Molecular Biology Open Software Suite EMBOSS	http://emboss.sourceforge.net/
EMBNET Quick Guides EMBOSS and wEMBOSS	http://www.embnnet.org/download/guides.html
Ready-to-install EMBOSS at BioLinux	http://www.biolinux.org/emboss.html
wEMBOSS	http://bigben.vub.ac.be:6080/wEMBOSS/
BioKNOPPIX with JEMBOSS and EMBOSS	http://bioknoppix.hpcf.upr.edu/
Bioinformatic System Management Workshop 2005	http://www.be.embnnet.org/tutorials/BSMW05

Open Source Bioinformatics Platforms

myGRID - Open Source Middleware Environment for Bioinformatics Workflows	http://www.mygrid.org.uk/
TAVERNA Open Source Bioinformatics Workbench	http://taverna.sourceforge.net/
eFamily Project - Grid integrating of protein database annotations	http://www.efamily.org.uk/
Bioclipse - visual platform for structural chemo- and bioinformatics	http://www.bioclipse.net/
Systems Biology WorkBench SWB package	http://sbw.kgi.edu/research/sbwIntro.htm
Bioinformatics Web APIs (nodalpoint wiki)	http://wiki.nodalpoint.org/bioinformatics_web_apis