

Table B.1. A small sample of useful bioinformatics resources.**General entry points:**

National Center for Biotechnology Information (NCBI):

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

European Bioinformatics Institute (EBI):

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

Science magazine functional genomics resources:

<http://www.sciencemag.org/feature/plus/sfg/index.html>

Databases:

Nucleic Acids Research (annual Database Issue: link from page below):

<http://nar.oupjournals.org>

[OBRC: Online Bioinformatics Resource Collection](http://www.hsrls.pitt.edu/guides/genetics/obrcc)

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a. Collections of organisms

Ensemble (Metazoan animals; e.g., humans, chimps, insects, worms):

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

International Sequencing Consortium (eukaryotic genome sequencing projects):

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

DNA Data Bank of Japan (DDBJ) Genome Information Broker:

<http://gib.genes.nig.ac.jp/>

The Institute for Genomic Research (TIGR):

<http://www.tigr.org>

UCSC Genome Browser (human, mouse, *Fugu*, yeast, et al.):

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

b. Individual organisms

The *Arabidopsis* Information Resource (TAIR):

<http://www.arabidopsis.org>

coliBASE (*E. coli*, *Salmonella*, *Shigella*):

<http://colibase.bham.ac.uk/>

FlyBase (Integrated genomic and genetic data for *Drosophila*):

<http://flybase.bio.indiana.edu/>

MaizeGDB (database for corn genomics):

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

SGD *Saccharomyces* Genome Database:

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

WormBase (data for *C. elegans* and nematodes):

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

c. Molecules and structures

ExpASY (includes links to Swiss-Prot)

<http://www.expasy.org>

InterPro

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

[PDB Protein Data Bank](http://www.pdb.org/pdb)

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