



Program Names	Website	Reference
Gene Prediction		
Glimmer	http://ccb.jhu.edu/software/glimmer	[1]
FragScan	http://omics.informatics.indiana.edu/mg/get.php	[2]
Prodigal	http://prodigal.googlecode.com	[3]
GeneMark	http://opal.biology.gatech.edu	[4]
Sequence Comparision		
BLAST	ftp://ftp.ncbi.nlm.nih.gov/blast	[8]
HMMER	http://selab.janelia.org/software/hmmer3	[13]
Multiple Alignment		
Muscle	http://www.drive5.com/muscle	[15]
Kalign	http://msa.sbc.su.se/downloads/kalign	[16]
Distance Matrix		
Phylip	http://evolution.gs.washington.edu/phylip	[17]
Clustering		
Markov chain Clustering (MCL)	http://micans.org/mcl	[14]
Sequence manipulation		
EMOSS	http://emboss.sourceforge.net	[6]
Functional Annotation		
InterProScan	https://code.google.com/p/interproscan/	[29]
Annotation Database		
UniprotKB / SwissProt	http://www.uniprot.org	[5]
Pfam	http://pfam.xfam.org	[30]
Gene3D	http://gene3d.biochem.ucl.ac.uk/Gene3D/	[31]
SMART	http://smart.embl-heidelberg.de	[32]
ProDOM	http://prodrom.prabi.fr/prodrom/current/html/home.php	[33]
FingerPRINTScan	http://www.ebi.ac.uk/Tools/pfa/fingerprintsca/	[34]
PANTHER	http://www.pantherdb.org	[35]
HAMAP	http://hamap.expasy.org	[36]
PIR	http://pir.georgetown.edu	[37]
TIGRFAM	http://www.jcvi.org/cgi-bin/tigrfams/index.cgi	[38]
InterPro	http://www.ebi.ac.uk/interpro/	[39]
SignalP	http://www.cbs.dtu.dk/services/SignalP/	[40]
TMHMM	http://www.cbs.dtu.dk/services/TMHMM/	[41]
GeneOntology	http://geneontology.org	[42]
SQL Database		
SQLite	https://www.sqlite.org	