

Supplementary Table. URL of database provided for unannotated sequences retrieved by Blast search.

Taxon	Accession or URL
<i>Acanthamoeba castellanii</i>	AAC18417
<i>Arabidopsis thaliana</i>	AL161588
<i>Artemia salina</i>	AAC83397
<i>Bonnemaisonia hamifera</i>	AAC18416
<i>Botryocladia uvarioides</i>	AAK00309
<i>Caenorhabditis elegans</i>	M29235
<i>Candida albicans</i>	EAL00529
<i>Chlamydomonas reinhardtii</i>	http://www.chlamy.org/
<i>Coccidioides immitis</i>	http://www.ncbi.nlm.nih.gov/sutils/genom_table.cgi
<i>Coprinopsis cinerea</i>	http://www.ncbi.nlm.nih.gov/sutils/genom_table.cgi
<i>Crassostrea gigas</i>	U10334
<i>Cryptococcus neoformans</i>	AE017345
<i>Cryptosporidium parvum</i>	XM_626822
<i>Cyanidioschyzon merolae</i>	AB095187
<i>Cyanophora paradoxa</i>	DG223186, DG223187
<i>Dictyostelium discoideum</i>	AAFI01000059
<i>Drosophila melanogaster</i>	AAA28868
<i>Encephalitozoon cuniculi</i>	AL590443
<i>Entamoeba histolytica</i>	AY623801
<i>Giardia intestinalis</i>	AB092412
<i>Giardia lamblia</i>	http://www.ncbi.nlm.nih.gov/sutils/genom_table.cgi
<i>Gibberella zeae</i>	XM_381092
<i>Glaucocystis nostochinearum</i>	DG183225
<i>Glaucosphaera vacuolata</i>	AAK00310
<i>Helobdella stagnalis</i>	AAA50227
<i>Homo sapiens</i>	X74874
<i>Leishmania major</i>	AF009163
<i>Leptomonas seymouri</i>	AF338253
<i>Mastigamoeba invertens</i>	AF083338
<i>Monoblepharis macrandra</i>	AF315822
<i>Monosiga brevicollis</i>	AF315821
<i>Naegleria gruberi</i>	AAM45151
<i>Neurospora crassa</i>	XM_329292
<i>Nosema locustae</i>	AF061288
<i>Oryza sativa</i>	XM_493925
<i>Plasmodium falciparum</i>	X16561
<i>Porphyra yezoensis</i>	AAC17924.
<i>Saccharomyces cerevisiae</i>	X03128
<i>Schizosaccharomyces pombe</i>	X56564
<i>Spirogyra</i> sp.	U90210
<i>Stylonychia mytilus</i>	AF315823
<i>Thalassiosira pseudonana</i>	http://genome.jgi-psf.org/thaps1/thaps1.home.html
<i>Theileria parva</i>	XM_758110
<i>Trichomonas vaginalis</i>	U20501

<i>Trypanosoma brucei</i>	J04841
<i>Ustilago maydis</i>	XM_754917
<i>Vairimorpha necatrix</i>	AF060234