

ID	species	common name
Afum	<i>Aspergillus fumigatus</i> Af293	
Agam	<i>Anopheles gambiae</i>	mosquito
Amel	<i>Apis mellifera</i> strain DH4	bee
Atha	<i>Arabidopsis thaliana</i>	
Bmal	<i>Brugia malayi</i>	
Cele	<i>Caenorhabditis elegans</i>	worm
Cneo	<i>Cryptococcus neoformans</i> var. <i>neoformans</i> JEC21	
Crei	<i>Chlamydomonas reinhardtii</i>	
Ddis	<i>Dictyostelium discoideum</i> AX4	
Dmel	<i>Drosophila melanogaster</i>	fly
Drer	<i>Danio rerio</i>	zebrafish
Ecun	<i>Encephalitozoon cuniculi</i> GB-M1	
Ehis	<i>Entamoeba histolytica</i> HM-1:IMSS	
Ggal	<i>Gallus gallus</i>	chicken
Glam	<i>Giardia lamblia</i> ATCC 50803	
Hsap	<i>Homo sapiens</i>	human
Isca	<i>Ixodes scapularis</i>	tick
Lmaj	<i>Leishmania major</i> strain Friedlin	
Mmus	<i>Mus musculus</i>	mouse
Oana	<i>Ornithorhynchus anatinus</i>	platyus
Pfal	<i>Plasmodium falciparum</i> 3D7	
Scer	<i>Saccharomyces cerevisiae</i> S288c	yeast
Spur	<i>Strongylocentrotus purpuratus</i>	urchin
Tbru	<i>Trypanosoma brucei gambiense</i> DAL972	
Tpar	<i>Theileria parva</i> strain Muguga	
Xtro	<i>Xenopus (Silurana) tropicalis</i>	frog

Table S3. Eukaryotic species used in this study.