

TABLE S1. Group I intron distribution: Mycetozoan and representative amoebozoan isolates

Species	Isolate ^(a)	SSU-intron ^(b)	LSU-intron ^(b)	Acc No ^(c)
MYCETOZOA				
Myxomycetes (plasmodial slime molds)				
Stemonitales (Order)				
<i>Comatricha nigricapillitia</i>	AMFD114	S516	na	AY643824
<i>Stemonites flavogenita</i>	ATCC24714	NO	L1949	HE614592; HE655085
Trichiales (Order)				
<i>Arcyria stipata</i>	AMFD257	S529; S1199	na	EF513170
<i>Trichia persimilis</i>	--	NO	na	AY643826
Liceales (Order)				
<i>Cribraria cancellata</i>	AMFD94	S956	na	EF513177
Echinosteliales (Order)				
<i>Echinostelium minutum</i>	ATCC24714	NO	NO	HE614593; HE655087
Protostelids				
<i>Soliformovum irregulare</i>	ATCC26826	NO	NO	HE614594; HE655088
Dictyostelids (cellular slime molds)				
<i>Acytostelium ellipticum</i>	ATCC22247	NO	L1949	HE614595; HE655086
<i>Acytostelium leptosomum</i>	FG12	NO	na	AM168111
<i>Acytostelium subglobosum</i>	LB1	NO	na	AM168110
<i>Dictyostelium discoideum</i>	--	NO	na	K02641
<i>Dictyostelium fasciculatum</i>	SH3	NO	na	AM168087
<i>Dictyostelium medusoides</i>	OH592	NO	na	AM168088
<i>Dictyostelium rhizopodium</i>	AusKY-4	NO	na	AM168063
Acrasids				
<i>Acrasis rosea</i>	T-235	S529; S943; S956	na	AF011458
AMOEBOZOA				
<i>Amoeba leningradensis</i>	CCAP1503/6	NO	na	AJ314605
<i>Acanthamoeba palestinensis</i>	CCAP1547/1	NO	na	L09599
<i>Entamoeba histolytica</i>	HM1-IMSS	NO	NO	X65163
<i>Filamoeba nolandi</i>	ATCC50430	NO	na	AF293896
<i>Gephyramoeba</i> sp.	ATCC50654	NO	na	AF293897
<i>Hartmannella abertawensis</i>	--	NO	na	DQ190241
<i>Mastigella commutans</i>	--	NO	na	AF4212129
<i>Naegleria gruberi</i>	NEG-M	NO	NO	AB298288
<i>Platyamoeba placida</i>	--	NO	na	AY294150

^(a) Source of the organism. ^(b) Intron insertion site (*E.coli* numbering) in the small subunit and large subunit rRNA. ^(c) GenBank/EMBL/DDJB accession numbers.

--, no isolate name given; NO, no presence of introns; na, not analysed.