

Supporting Information Table S1. Sequence identifiers for Figure 3.

Species	SSU	5.8S	LSU
<i>Rozella allomycis</i>	AY635838.1	AY997087.1	DQ273803.1
<i>Rozella</i> sp. JEL347	AY601707.1	AY997086.1	DQ273766.1
strain X-5	JX507298.1	JX507298.1	JX507298.1
<i>Saccharomyces cerevisiae</i>	Z75578.1	1360587	AY048154.1
<i>Schizosaccharomyces pombe</i>	288694	288694	288694
<i>Neolecta vitellina</i>	Z27393.1	FJ171855.1	NG_027573.1
<i>Glomus mosseae</i>	AY635833.1	AY997053.1	NG_027652.1
<i>Paraglomus occultum</i>	DQ322629.1	AY997069.1	DQ273827.1
<i>Geosiphon pyriformis</i>	AM183923.1	AM268204.3	AM183920.2
<i>Spiromyces spiralis</i>	AF007543.1	AY997090.1	DQ273801.1
<i>Furculomyces boomerangus</i>	AF277013.1	AY997050.1	DQ273809.1
<i>Piptocephalis corymbifera</i>	AB016023.1	AY997073.1	AY546690.1
<i>Allomyces arbuscula</i>	AY552524.1	AY997028.1	AY552525.1
<i>Blastocladiella emersonii</i>	EF014366.1	AY997032.1	2440036
<i>Physoderma maydis</i>	AY601708.1	AY997072.1	DQ273768.1
<i>Chytrium hyalinus</i>	M59758.1	DQ536499.1	DQ273836.2
<i>Polychytrium aggregatum</i>	AY601711.1	AY997074.1	AY546686.1
<i>Batrachochytrium</i> sp.	AF051932.1	AY997031.1	AY546693.1
<i>Encephalitozoon cuniculi</i>	3426080	3426080	3426080
<i>Nosema trichoplusiae</i>	U09282.1		DQ996243.1
<i>Vairimorpha necatrix</i>	DQ996241.1	EU544673.1	DQ996242.1
<i>Nosema ceranae</i>	DQ078785.1	EF091879.1	DQ078785.1