

Table 1. Divergence time estimates.

Comparison	Number of proteins		Total amino acids*		Divergence time estimates (Ma)				
	All	Constant	All	Constant	Multigene		Average distance		Mean† (±SE)
					All	Constant	All	Constant	
Neocallimastix (chytrids) vs. other groups	5	2	1,976	497	1,497	1,457	1,513	1,459	1,458 ± 70
Mucorales/Blastocladales vs. Basidiomycota/Ascomycota	27	17	8,821	5,492	1,215	1,128	1,184	1,085	1,107 ± 56
Basidiomycota vs. Ascomycota	52	37	19,800	11,987	1,269‡	1,244‡	1,206	1,172	1,208 ± 108
Ustilaginomycetes vs. Hymenomycetes	8	4	2,948	1,301	951	982	950	950	966 ± 86
Archiascomycetes vs. other Ascomycota	88	70	37,500	27,261	1,166‡	1,139‡	1,151	1,149	1,144 ± 77
Hemiascomycetes vs. filamentous Ascomycota	68	48	26,921	17,412	1,058‡	1,050‡	1,112	1,120	1,085 ± 81
<i>Candida albicans</i> vs. <i>Saccharomyces cerevisiae</i>	35	26	15,258	10,763	815	837	823	844	841 ± 62
Plectomycetes vs. Pyrenomycetes	40	28	18,174	12,221	667	642	654	698	670 ± 71
Chlorophyten green algae vs. higher plants	48	41	13,996	11,541	1,099‡	1,111‡	1,010	1,010	1,061 ± 109
Mosses vs. vascular plants	54	50	5,526	5,131	708‡	715‡	680	690	703 ± 45

\*Aligned, with gaps, missing data, and ambiguities removed.

†Mean (multigene, constant rate; average distance, constant rate) ± SE (multigene, constant rate).

‡Mode used here.