

Clades							Species	% Complete BUSCOs (tot) (eukaryota odb10)		
Amorphea	Obazoa	Opisthokonta	Holozoa	Metazoa	Bilateria	Mollusca	<i>Octopus bimaculoides</i> <i>Lottia gigantea</i>	92.90% 96.50%		
						Brachiopoda	<i>Lingula unguis</i>	98.40%		
						Annelida	<i>Capitella teleta</i> <i>Helobdella robusta</i>	94.20% 97.30%		
						Bryozoa	<i>Bugula neritina</i>	54.50%		
						Acoelomorpha	<i>Hofstenia miamia</i>	83.60%		
						Platyhelminthes	<i>Echinococcus multilocularis</i>	90.20%		
						Nematoda	<i>Caenorhabditis elegans</i> <i>Loa loa</i>	97.70% 96.10%		
						Rotifera	<i>Brachionus plicatilis</i>	90.60%		
						Tardigrada	<i>Ramazzotius varieornatus</i>	92.50%		
						Arthropoda	<i>Daphnia pulex</i> <i>Drosophila melanogaster</i> <i>Calanus glacialis</i>	97.70% 100.00% 96.80%		
						Vertebrate	<i>Homo sapiens</i> <i>Mus musculus</i> <i>Danio rerio</i> <i>Eptatretus burgeri</i>	100.00% 100.00% 99.60% 85.90%		
						Urochordata	<i>Ciona intestinalis</i> <i>Oikopleura dioica</i>	97.30% 80.70%		
						Cephalochordata	<i>Branchiostoma belcheri</i>	96.90%		
						Echinodermata	<i>Acanthaster planci</i> <i>Strongylocentrotus purpuratus</i>	91.40% 96.00%		
						Hemichordata	<i>Saccoglossus kowalevskii</i>	94.10%		
					Cnidaria	<i>Fungia scutaria</i> <i>Montastraea cavernosa</i> <i>Madracis auretenra</i> <i>Stylophora pistillata</i> <i>Astreopora sp</i> <i>Porites australiensis</i> <i>Acropora digitifera</i> <i>Anthopleura elegantissima</i> <i>Nematostella vectensis</i> <i>Gorgonia ventalina</i> <i>Clytia hemisphaerica</i> <i>Hydra magnapapillata</i> <i>Aurelia sp</i> <i>Thelohanellus kitauei</i>	84.40% 80.40% 68.30% 85.10% 69.80% 81.60% 42.80% 62.00% 93.40% 56.50% 84.70% 70.90% 67.40% 29.40%			
						Placozoa	<i>Trichoplax adhaerens (spH2)</i> <i>Hoilungia hongkongensis</i>	96.10% 96.80%		
						Ctenophora	<i>Mnemiopsis leidyi</i> <i>Pleurobrachia bachei</i>	83.60% 47.50%		
						Porifera	<i>Leucosolenia complicata</i> <i>Sycon ciliatum</i> <i>Stylissa carteri</i> <i>Oscarella pearsei</i> <i>Amphimedon queenslandica</i> <i>Haliclona tubifera</i> <i>Ephydatia muelleri</i>	94.90% 97.30% 43.60% 94.90% 92.50% 75.30% 93.40%		
							Choanoflagellata	<i>Acanthoecca spectabilis</i> <i>Helgoeca nana</i> <i>Diaphanoeca grandis</i> <i>Didymoeca costata</i> <i>Choanoeca perplexa</i> <i>Monosiga brevicollis</i> <i>Mylnosiga fluctuans</i> <i>Salpingoecca kjevrii</i>	93.30% 94.10% 92.20% 94.90% 92.10% 78.80% 93.30% 94.90%	
								Ichthyosporea	<i>Amoebidium parasiticum</i> <i>Sphaeroforma arctica</i> <i>Sphaerothecum destruens</i>	89.90% 63.20% 68.60%
								Pluriformea	<i>Corallochytrium limacisporum</i>	90.20%
								Filastrea	<i>Capsaspora owczarzaki</i>	93.70%
						Nucleotmycea (Holomycota)		Fungi	<i>Fusarium oxysporum</i> <i>Saccharomyces cerevisiae</i> <i>Ustilago maydis</i> <i>Mortierella elongata</i> <i>Rhizopus microsporus</i> <i>Spizellomyces punctatus</i>	97.30% 93.30% 98.80% 98.40% 97.30% 94.90%
									Rotosphaerida	<i>Parvularia atlantis</i> <i>Fonticula alba</i>
				Apusomonadida					<i>Thecamonas trahens</i>	81.60%
				Breviata			<i>Pygsuia biforma</i>		62.40%	
				Amoebozoa			<i>Dictyostelium discoideum</i> <i>Vermamoeba vermiformis</i> <i>Cunea spBSH02190019</i>		94.10% 89.00% 76.50%	
				CRuMs	Collodictyonidae	<i>Diphylleia rotans</i>		90.60%		
					Rigifilida	<i>Rigifila ramosa</i>		86.30%		
				Incertae sedis	Malawimonadidae		<i>Gefionella okellyi</i>	78.50%		
				Diaphoretickes	Archaeplastida		Chloroplastida	<i>Arabidopsis thaliana</i> <i>Marchantia polymorpha</i> <i>Chlamydomonas reinhardtii</i> <i>Chloropicon primus</i>	99.60% 99.60% 91.80% 89.80%	
								Glaucophyta	<i>Gloeochaete wittrockiana</i>	85.50%
								Rhodophyta	<i>Porphyridium purpureum</i> <i>Galdieria sulphuraria</i>	72.60% 77.30%
								Rhodolphis	<i>Rhodolphis marinus</i>	89.80%
							Haptista		Haptophyta	<i>Prymnesium parvum</i> <i>Phaeocystis globosa</i>
					Centroplasthelida	<i>Choanocystis spHF7</i>			88.20%	
					Cryptista				Cryptophyceae	<i>Baffinella spCCMP2293</i> <i>Guillardia theta</i>
							Sar		Stramenopiles	<i>Aphanomyces astaci</i> <i>Phytophthora infestans</i>
					Rhizaria	<i>Plasmodiophora brassicae</i>			89.00%	
					Alveolata	<i>Colponemidia spColp10</i> <i>Tetrahymena thermophila</i>			93.30% 76.40%	
					Telonemia			<i>Telonemia subtile</i>	82%	
					Excavata		Euglenozoa	<i>Euglena longa</i>	83.50%	
							Heterolobosea	<i>Pharyngomonas kirbyi</i>	85.10%	
							Jakobida	<i>Andalucia godoyi</i>	79.20%	

>90%

>80%

>70%

>60%

>50%

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