

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>Acanthoeca 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>Salpingoeca 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%	
								Nucletmycea (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>	75.70% 71.00%	
					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%			
								Rhodelphis	<i>Rhodelphis marinus</i>	89.80%		
						Haptista	Haptophyta	<i>Prymnesium parvum</i> <i>Phaeocystis globosa</i>	71.40% 75.30%			
							Centroplasthelida	<i>Choanocystis spHF7</i>	88.20%			
							Cryptista	Cryptophyceae	<i>Baffinella spCCMP2293</i> <i>Guillardia theta</i>	78.90% 79.60%		
						Sar		Stramenopiles	<i>Aphanomyces astaci</i> <i>Phytophthora infestans</i>	95.60% 90.20%		
					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%			

