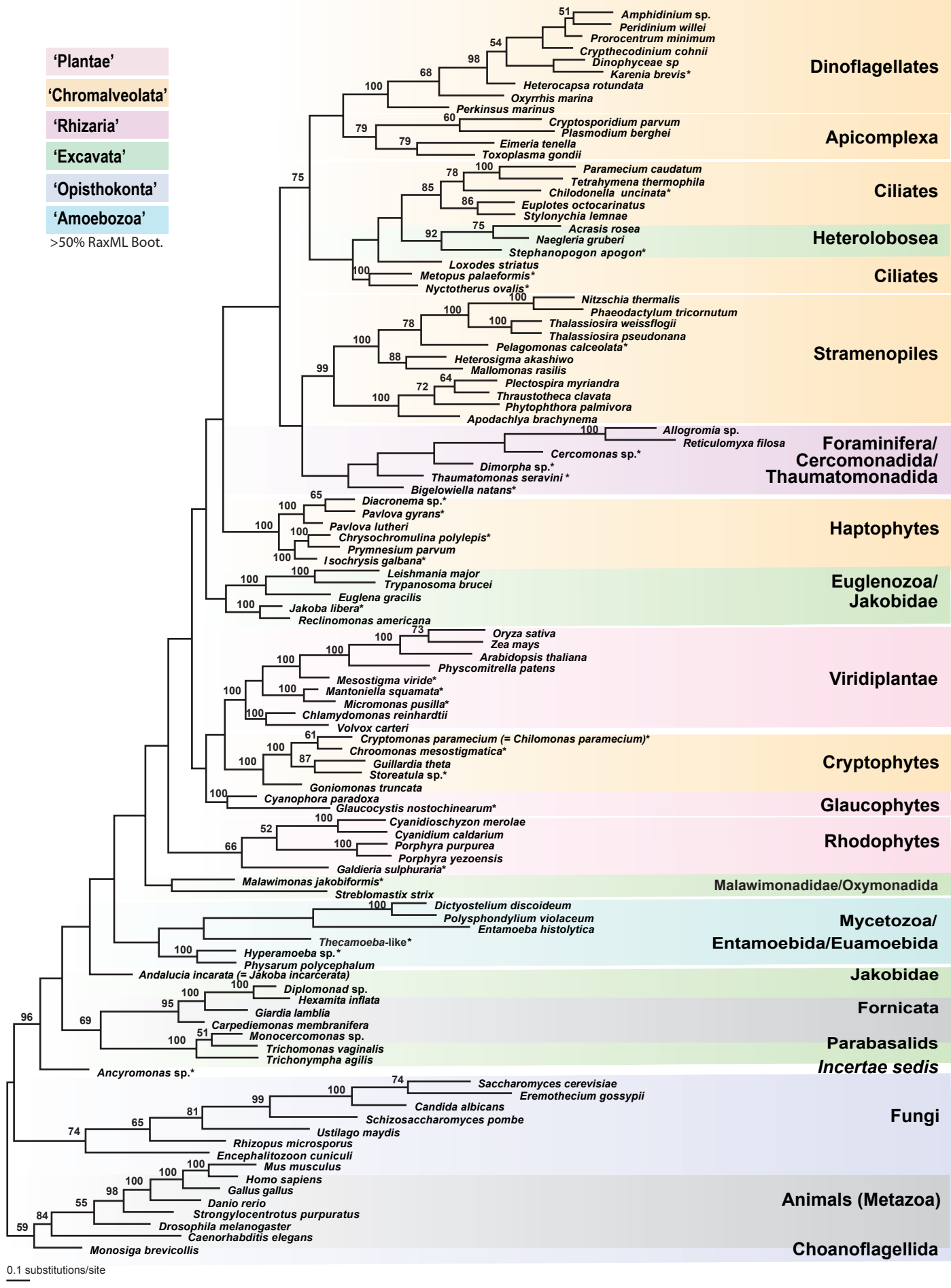
'Plantae'
'Chromalveolata'
'Rhizaria'
'Excavata'
'Opisthokonta'
'Amoebozoa'
>50% RaxML Boot.
Amphidinium sp.
Peridinium willei
Prorocentrum minimum
Crypthecodinium cohnii
Dinophyceae sp
Karenia brevis*
Heterocapsa rotundata
Oxyrrhis marina
Perkinsus marinus
Dinoflagellates
Cryptosporidium parvum
Plasmodium berghei
Eimeria tenella
Toxoplasma gondii
Apicomplexa
Paramecium caudatum
Tetrahymena thermophila
Chilodonella uncinata*
Euplotes octocarinatus
Stylonychia lemnae
Ciliates
Acrasis rosea
Naegleria gruberi
Stephanopogon apogon*
Heterolobosea
Loxodes striatus
Metopus palaeformis*
Nyctotherus ovalis*
Ciliates
Nitzschia thermalis
Phaeodactylum tricornutum
Thalassiosira weissflogii
Thalassiosira pseudonana
Pelagomonas calceolata*
Heterosigma akashiwo
Mallomonas rasilis
Plectospira myriandra
Thraustotheca clavata
Phytophthora palmivora
Apodachlya brachynema
Stramenopiles
Allogromia sp.
Reticulomyxa filosa
Cercomonas sp.*
Dimorpha sp.*
Thaumatomonas seravini *
Bigelowiella natans*
Foraminifera/
Cercomonadida/
Thaumatomonadida
Diacronema sp.*
Pavlova gyrans*
Pavlova lutheri
Chrysochromulina polylepis*
Prymnesium parvum
Isochrysis galbana*
Haptophytes
Leishmania major
Trypanosoma brucei
Euglena gracilis
Jakoba libera*
Reclinomonas americana
Euglenozoa/
Jakobidae
Oryza sativa
Zea mays
Arabidopsis thaliana
Physcomitrella patens
Mesostigma viride*
Mantoniella squamata*
Micromonas pusilla*
Chlamydomonas reinhardtii
Volvox carteri
Viridiplantae
Cryptomonas paramecium (= Chilomonas paramecium)*
Chroomonas mesostigmatica*
Guillardia theta
Storeatula sp.*
Goniomonas truncata
Cryptophytes
Cyanophora paradoxa
Glaucocystis nostochinearum*
Glaucophytes
Cyanidioschyzon merolae
Cyanidium caldarium
Porphyra purpurea
Porphyra yezoensis
Galdieria sulphuraria*
Rhodophytes
Malawimonas jakobiformis*
Malawimonadidae/Oxymonadida
Streblomastix strix
Dictyostelium discoideum
Polysphondylium violaceum
Entamoeba histolytica
Thecamoeba-like*
Hyperamoeba sp.*
Physarum polycephalum
Mycetozoa/
Entamoebida/Euamoebida
Andalucia incarata (= Jakoba incarcerata)
Jakobidae
Diplomonad sp.
Hexamita inflata
Giardia lamblia
Carpediemonas membranifera
Fornicata
Monocercomonas sp.
Trichomonas vaginalis
Trichonympha agilis
Parabasalids
Ancyromonas sp.*
Incertae sedis
Saccharomyces cerevisiae
Eremothecium gossypii
Candida albicans
Schizosaccharomyces pombe
Ustilago maydis
Rhizopus microsporus
Encephalitozoon cuniculi
Fungi
Mus musculus
Homo sapiens
Gallus gallus
Danio rerio
Strongylocentrotus purpuratus
Drosophila melanogaster
Caenorhabditis elegans
Animals (Metazoa)
Monosiga brevicollis
Choanoflagellida
0.1 substitutions/site