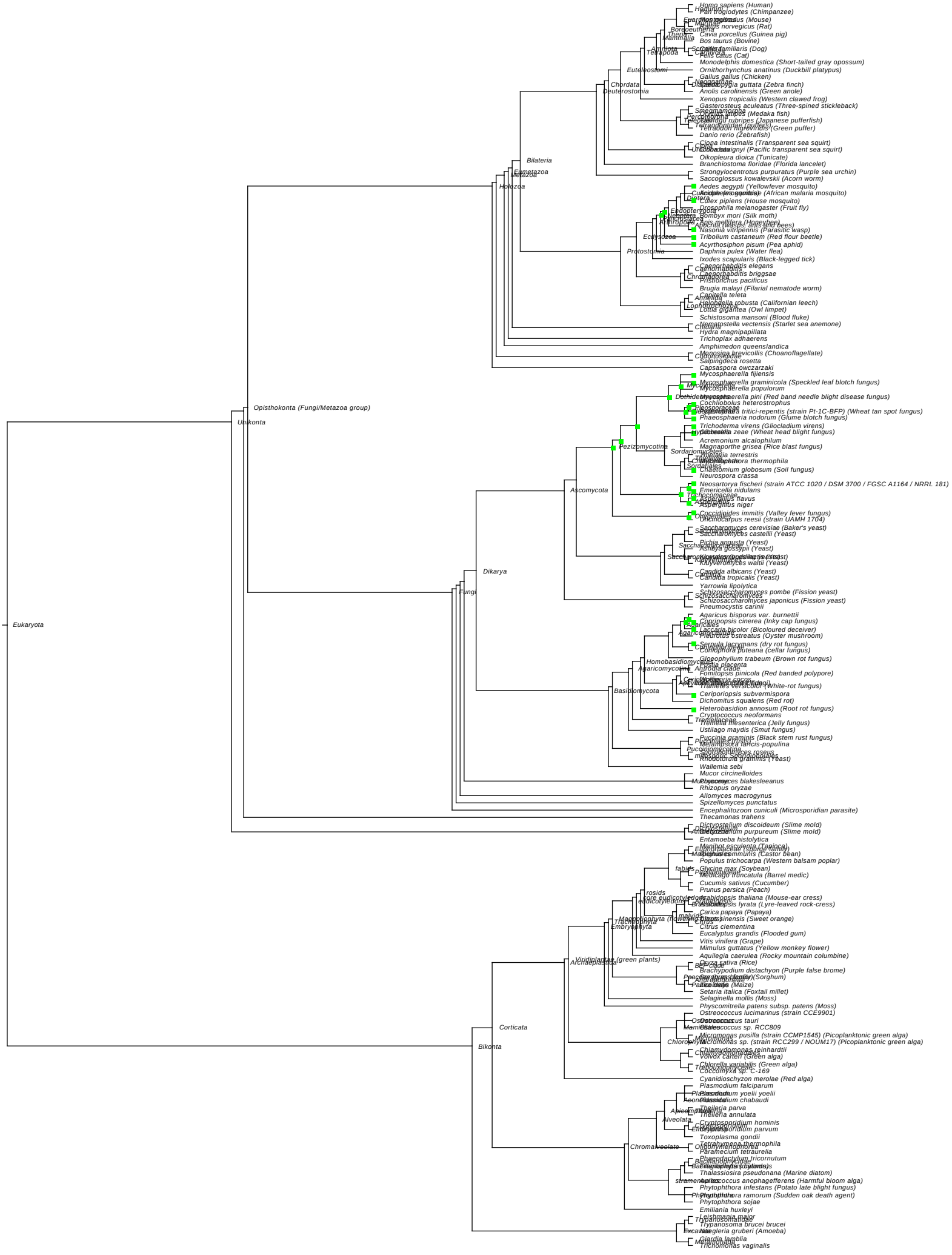
Homo sapiens (Human)
Pan troglodytes (Chimpanzee)
Mus musculus (Mouse)
Rattus norvegicus (Rat)
Cavia porcellus (Guinea pig)
Bos taurus (Bovine)
Canis familiaris (Dog)
Felis catus (Cat)
Monodelphis domestica (Short-tailed gray opossum)
Ornithorhynchus anatinus (Duckbill platypus)
Gallus gallus (Chicken)
Taeniopygia guttata (Zebra finch)
Anolis carolinensis (Green anole)
Xenopus tropicalis (Western clawed frog)
Gasterosteus aculeatus (Three-spinned stickleback)
Oryzias latipes (Medaka fish)
Takifugu rubripes (Japanese pufferfish)
Tetraodon nigroviridis (Green puffer)
Danio rerio (Zebrafish)
Ciona intestinalis (Transparent sea squirt)
Ciona savignyi (Pacific transparent sea squirt)
Oikopleura dioica (Tunicate)
Branchiostoma floridae (Florida lancelet)
Strongylocentrotus purpuratus (Purple sea urchin)
Saccoglossus kowalevskii (Acorn worm)
Aedes aegypti (Yellowfever mosquito)
Anopheles gambiae (African malaria mosquito)
Culex pipiens (House mosquito)
Drosophila melanogaster (Fruit fly)
Bombyx mori (Silk moth)
Apis mellifera (Honey bee)
Nasonia vitripennis (Parasitic wasp)
Tribolium castaneum (Red flour beetle)
Acyrthosiphon pisum (Pea aphid)
Daphnia pulex (Water flea)
Ixodes scapularis (Black-legged tick)
Caenorhabditis elegans
Pristionchus pacificus
Brugia malayi (Filarial nematode worm)
Capitella teleta
Helobdella robusta (Californian leech)
Lottia gigantea (Owl limpet)
Schistosoma mansoni (Blood fluke)
Nematostella vectensis (Starlet sea anemone)
Hydra magnipapillata
Trichoplax adhaerens
Amphimedon queenslandica
Monosiga brevicollis (Choanoflagellate)
Salpingoeca rosetta
Capsaspora owczarzaki
Mycosphaerella fijiensis
Mycosphaerella graminicola (Speckled leaf blotch fungus)
Mycosphaerella populorum
Mycosphaerella pini (Red band needle blight disease fungus)
Cochliobolus heterostrophus
Phaeosphaeria nodorum (Glume blotch fungus)
Trichoderma virens (Gliocladium virens)
Gibberella zeae (Wheat head blight fungus)
Acremonium alcalophilum
Magnaporthe grisea (Rice blast fungus)
Neurospora crassa
Neosartorya fischeri (strain ATCC 1020 / DSM 3700 / FGSC A1164 / NRRL 181)
Emericella nidulans
Aspergillus flavus
Aspergillus niger
Coccidioides immitis (Valley fever fungus)
Uncinocarpus reesii (strain UAMH 1704)
Saccharomyces cerevisiae (Baker's yeast)
Saccharomyces castellii (Yeast)
Pichia angusta (Yeast)
Ashbya gossypii (Yeast)
Kluyveromyces waltii (Yeast)
Candida albicans (Yeast)
Candida tropicalis (Yeast)
Yarrowia lipolytica
Schizosaccharomyces pombe (Fission yeast)
Schizosaccharomyces japonicus (Fission yeast)
Pneumocystis carinii
Agaricus bisporus var. burnettii
Coprinopsis cinerea (Inky cap fungus)
Laccaria bicolor (Bicoloured deceiver)
Pleurotus ostreatus (Oyster mushroom)
Serpula lacrymans (dry rot fungus)
Coniophora puteana (cellar fungus)
Gloeophyllum trabeum (Brown rot fungus)
Antrodia clade
Fomitopsis pinicola (Red banded polypore)
Trametes versicolor (White-rot fungus)
Ceriporiopsis subvermispora
Dichomitus squalens (Red rot)
Heterobasidion annosum (Root rot fungus)
Cryptococcus neoformans
Tremella mesenterica (Jelly fungus)
Ustilago maydis (Smut fungus)
Puccinia graminis (Black stem rust fungus)
Melampsora larici-populina
Rhodotorula glutinis (Yeast)
Wallemia sebi
Mucor circinelloides
Phycomyces blakesleeanus
Rhizopus oryzae
Allomyces macrogynus
Spizellomyces punctatus
Encephalitozoon cuniculi (Microsporidian parasite)
Thecamonas trahens
Dictyostelium discoideum (Slime mold)
Dictyostelium purpureum (Slime mold)
Entamoeba histolytica
Manihot esculenta (Tapioca)
Ricinus communis (Castor bean)
Populus trichocarpa (Western balsam poplar)
Glycine max (Soybean)
Medicago truncatula (Barrel medic)
Cucumis sativus (Cucumber)
Prunus persica (Peach)
Arabidopsis thaliana (Mouse-ear cress)
Arabidopsis lyrata (Lyre-leaved rock-cress)
Carica papaya (Papaya)
Citrus sinensis (Sweet orange)
Citrus clementina
Eucalyptus grandis (Flooded gum)
Vitis vinifera (Grape)
Mimulus guttatus (Yellow monkey flower)
Aquilegia caerulea (Rocky mountain columbine)
Oryza sativa (Rice)
Brachypodium distachyon (Purple false brome)
Sorghum bicolor (Sorghum)
Zea mays (Maize)
Setaria italica (Foxtail millet)
Selaginella mollis (Moss)
Physcomitrella patens subsp. patens (Moss)
Ostreococcus lucimarinus (strain CCE9901)
Ostreococcus tauri
Micromonas pusilla (strain CCMP1545) (Picoplanktonic green alga)
Micromonas sp. (strain RCC299 / NOUM17) (Picoplanktonic green alga)
Chlamydomonas reinhardtii
Volvox carteri (Green alga)
Chlorella variabilis (Green alga)
Coccomyxa sp. C-169
Cyanidioschyzon merolae (Red alga)
Plasmodium falciparum
Plasmodium yoelii yoelii
Plasmodium chabaudi
Theileria parva
Theileria annulata
Cryptosporidium hominis
Cryptosporidium parvum
Toxoplasma gondii
Tetrahymena thermophila
Paramecium tetraurelia
Phaeodactylum tricornutum
Thalassiosira pseudonana (Marine diatom)
Aureococcus anophagefferens (Harmful bloom alga)
Phytophthora infestans (Potato late blight fungus)
Phytophthora ramorum (Sudden oak death agent)
Phytophthora sojae
Emiliania huxleyi
Leishmania major
Trypanosoma brucei brucei
Naegleria gruberi (Amoeba)
Giardia lamblia
Trichomonas vaginalis
Eukaryota
Opisthokonta (Fungi/Metazoa group)
Unikonta
Holozoa
Bilateria
Deuterostomia
Chordata
Euteleostomi
Protostomia
Ecdysozoa
Ascomycota
Pezizomycotina
Dikarya
Basidiomycota
Agaricomycotina
Corticata
Bikonta
Viridiplantae (green plants)
Chromalveolate
Alveolata