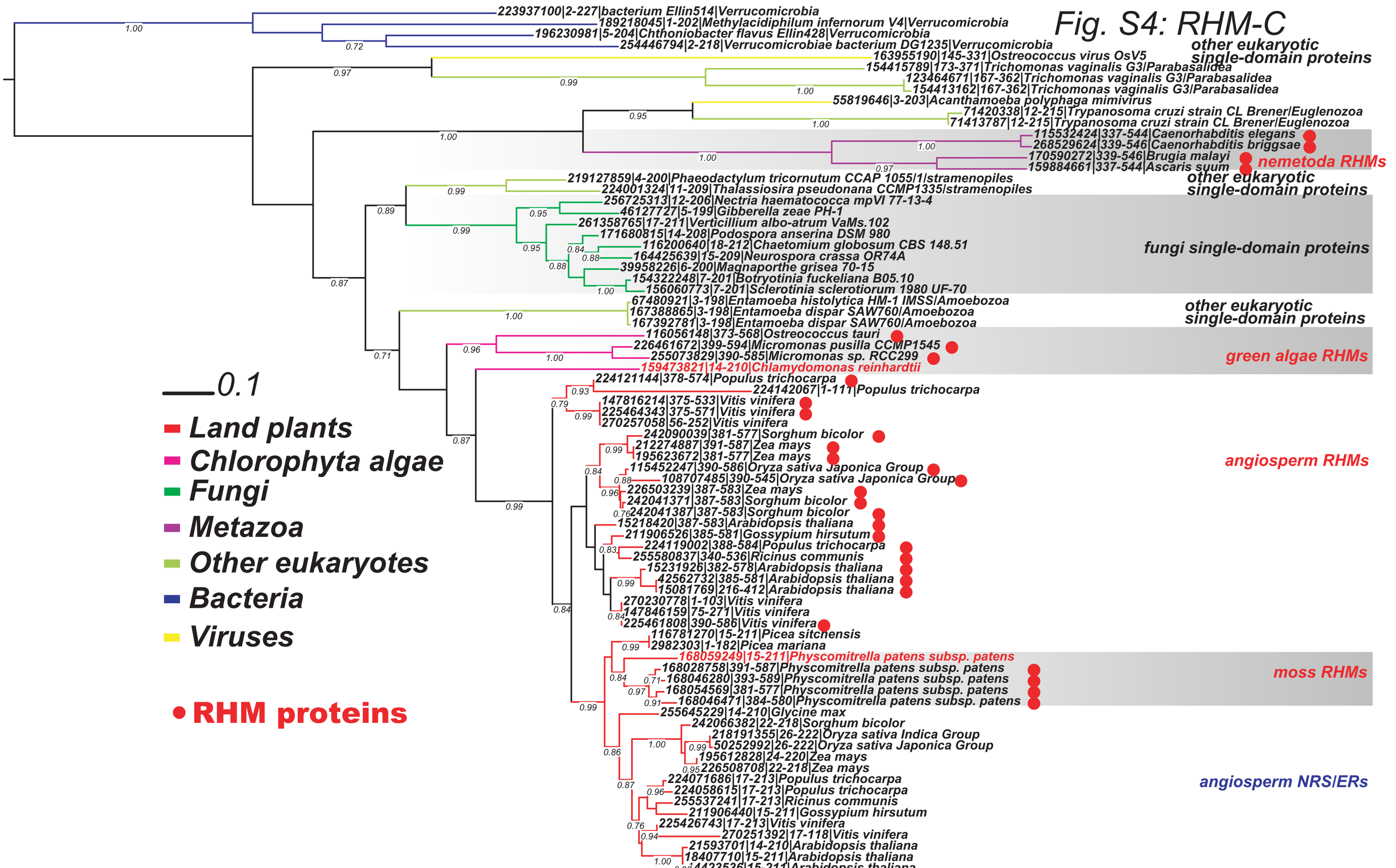
Fig. S4: RHM-C
223937100|2-227|bacterium Ellin514|Verrucomicrobia
189218045|1-202|Methylacidiphilum infernorum V4|Verrucomicrobia
196230981|5-204|Chthoniobacter flavus Ellin428|Verrucomicrobia
254446794|2-218|Verrucomicrobiae bacterium DG1235|Verrucomicrobia
163955190|145-331|Ostreococcus virus OsV5
154415789|173-371|Trichomonas vaginalis G3|Parabasalidea
123464671|167-362|Trichomonas vaginalis G3|Parabasalidea
154413162|167-362|Trichomonas vaginalis G3|Parabasalidea
55819646|3-203|Acanthamoeba polyphaga mimivirus
71420338|12-215|Trypanosoma cruzi strain CL Brener|Euglenozoa
71413787|12-215|Trypanosoma cruzi strain CL Brener|Euglenozoa
115532424|337-544|Caenorhabditis elegans
268529624|339-546|Caenorhabditis briggsae
170590272|339-546|Brugia malayi
159884661|337-544|Ascaris suum
219127859|4-200|Phaeodactylum tricornutum CCAP 1055/1|stramenopiles
224001324|11-209|Thalassiosira pseudonana CCMP1335|stramenopiles
256725313|12-206|Nectria haematococca mpVI 77-13-4
46127727|5-199|Gibberella zeae PH-1
261358765|17-211|Verticillium albo-atrum VaMs.102
171680815|14-208|Podospora anserina DSM 980
116200640|18-212|Chaetomium globosum CBS 148.51
164425639|15-209|Neurospora crassa OR74A
39958226|6-200|Magnaporthe grisea 70-15
154322248|7-201|Botryotinia fuckeliana B05.10
156060773|7-201|Sclerotinia sclerotiorum 1980 UF-70
67480921|3-198|Entamoeba histolytica HM-1 IMSS|Amoebozoa
167388865|3-198|Entamoeba dispar SAW760|Amoebozoa
167392781|3-198|Entamoeba dispar SAW760|Amoebozoa
116056148|373-568|Ostreococcus tauri
226461672|399-594|Micromonas pusilla CCMP1545
255073829|390-585|Micromonas sp. RCC299
159473821|14-210|Chlamydomonas reinhardtii
224121144|378-574|Populus trichocarpa
224142067|1-111|Populus trichocarpa
147816214|375-533|Vitis vinifera
225464343|375-571|Vitis vinifera
270257058|56-252|Vitis vinifera
242090039|381-577|Sorghum bicolor
212274887|391-587|Zea mays
195623672|381-577|Zea mays
115452247|390-586|Oryza sativa Japonica Group
108707485|390-545|Oryza sativa Japonica Group
226503239|387-583|Zea mays
242041371|387-583|Sorghum bicolor
242041387|387-583|Sorghum bicolor
15218420|387-583|Arabidopsis thaliana
211906526|385-581|Gossypium hirsutum
224119002|388-584|Populus trichocarpa
255580837|340-536|Ricinus communis
15231926|382-578|Arabidopsis thaliana
42562732|385-581|Arabidopsis thaliana
15081769|216-412|Arabidopsis thaliana
270230778|1-103|Vitis vinifera
147846159|75-271|Vitis vinifera
225461808|390-586|Vitis vinifera
116781270|15-211|Picea sitchensis
2982303|1-182|Picea mariana
168059249|15-211|Physcomitrella patens subsp. patens
168028758|391-587|Physcomitrella patens subsp. patens
168046280|393-589|Physcomitrella patens subsp. patens
168054569|381-577|Physcomitrella patens subsp. patens
168046471|384-580|Physcomitrella patens subsp. patens
255645229|14-210|Glycine max
242066382|22-218|Sorghum bicolor
218191355|26-222|Oryza sativa Indica Group
50252992|26-222|Oryza sativa Japonica Group
195612828|24-220|Zea mays
226508708|22-218|Zea mays
224071686|17-213|Populus trichocarpa
224058615|17-213|Populus trichocarpa
255537241|17-213|Ricinus communis
211906440|15-211|Gossypium hirsutum
225426743|17-213|Vitis vinifera
270251392|17-118|Vitis vinifera
21593701|14-210|Arabidopsis thaliana
18407710|15-211|Arabidopsis thaliana
4423536|15-211|Arabidopsis thaliana
other eukaryotic single-domain proteins
nemetoda RHMs
other eukaryotic single-domain proteins
fungi single-domain proteins
other eukaryotic single-domain proteins
green algae RHMs
angiosperm RHMs
moss RHMs
angiosperm NRS/ERs
0.1
Land plants
Chlorophyta algae
Fungi
Metazoa
Other eukaryotes
Bacteria
Viruses
RHM proteins