A phylogenetic tree diagram. The taxa labels from top to bottom are:

- HoiH11_mRNA4907 | OG0 |
- TrH2_TrispH2_004858-RA | OG0 |
- Tadh_TriadT50102 | OG0 |
- Hhon_g06320.t1 | OG0 |
- HoiH04_mRNA11975 | OG0 |
- HoiH23_PlH23_001314-RA | OG0 |
- HoiH06_mRNA12453 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P021900 | OG0 |
- Ocar_g6506 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P018237 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P038871 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P035064 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P032158 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P005430 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P002527 | OG0 |
- Lcom_lcpid230009 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P006369 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P036342 | OG0 |
- Salpun_EP00053_Salpingoeca_punica_P001735 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P031141 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P027285 | OG0 |
- Clacor_Ccor_scaffold12026_01 | OG0 |
- Gracom_Gcom_scaffold15868_01 | OG0 |
- Leuniv_Lniv_C792980_01 | OG0 |
- Lcom_lcpid114748 | OG0 |
- Scil_scict010274.1 | OG0 |
- Lcom_lcpid125418 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P009322 | OG0 |
- Microa_EP00043_Microstomoeca_roanoka_P008057 | OG0 |
- Sros_EGD72023 | OG0 |
- Mbre_EDQ89443 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P013704 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P001642 | OG0 |
- Plespi_Pspi_C590612_01 | OG1 |
- Spolac_c88119_g1_i1_m.4774c88119-g1 | OG1 |
- Emue_Em0004g648a.t1 | OG1 |
- Tetwil_g4757.t2 | OG1 |
- Stycar_maker-SC_scaffold5425-snap-gene-0.12-mRNA-1 | OG1 |
- Aque_Aqu2.1.42075_001 | OG1 |
- Xestes_augustus_masked-XT_scaffold219-processed-gene-0.13-mRNA-1 | OG1 |
- Eupdun_Edun_sb10649624 | OG1 |
- Eupdun_Edun_sb10649625 | OG1 |
- Drygla_Dgla_sb287198 | OG1 |
- Mertsp_Mesp_sb574190 | OG1 |
- Bolinf_Binf_sb1245001 | OG1 |
- Mertsp_Mesp_sb574191 | OG1 |
- Mertsp_Mesp_sb589870 | OG1 |
- Mertsp_Mesp_sb589871 | OG1 |
- Bolinf_Binf_sb1206785 | OG1 |
- Bolinf_Binf_sb1206786 | OG1 |
- Lampan_Lpan_10052_01 | OG1 |
- Beraby_Baby_sb331324 | OG1 |
- Mlei_ML2617.g5.i1 | OG1 |
- Horcal_Hcv1.av93.c5.g934.i1 | OG1 |
- Pbac_sb2642035 | OG1 |
- Vmul_sbMO421810 | OG1 |
- Coeast_Cast_sb801326 | OG1 |
- Coeast_Cast_sb801324 | OG1 |
- Coeast_Cast_sb801325 | OG1 |
- Dgig_XM_028537307.1 | OG1 |
- Xesp_022195-T1 | OG1 |
- Exapal_XM_021050306.2 | OG1 |
- Nvec_v1g99390 | OG1 |
- Spis_XP_022798823_1 | OG1 |
- Gfas_gfas1.m1.6827.m1 | OG1 |
- Adig_XM_015913393.1 | OG1 |
- Pocdam_XM_027187740.1 | OG1 |
- Gasp_gasp1.m3.22053.m1 | OG1 |
- Fspp_ffun1.m4.1501.m1 | OG1 |
- Bralan_BLAG10000964_1 | OG1 |
- Lcom_lcpid218900 | OG1 |
- Morvir_scaffold334.g20.t1 | OG1 |
- Hvul_g28985_1 | OG1 |
- Chem_TCONS_00000476 | OG1 |
- Nemnom_g9599.t1 | OG1 |
- Rhoesc_Res_011763-T1 | OG1 |
- Sanmal_Sma_007675-T1 | OG1 |
- Sanmal_Sma_000585-T1 | OG1 |
- Skow_XM_006813904.1 | OG1 |
- Spur_XM_030974034.1 | OG1 |
- Spur_XM_030990474.1 | OG1 |
- Cgig_XM_011429932.3 | OG1 |
- Acagra_model.g19837.t1 | OG1 |
- Hsap_ENST00000619426 | OG1 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA147453 | OG1 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA228896 | OG1 |
- Lcom_lcpid130320 | OG1 |
- Dpul_mRNA7482 | OG1 |
- Cscu_XM_023361778.1 | OG1 |
- Tcas_TC015205_001 | OG1 |

Scale bar: 0.416667