A phylogenetic tree with the following taxa labels:

- Lcom_lcpid133330 | OG4 |
- Microa_EP00043_Microstomoeca_roanoka_P020625 | OG0 |
- Sros_EGD78025 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P016921 | OG0 |
- Lcom_lcpid122099 | OG0 |
- Mbre_EDQ87194 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P004697 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P006733 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P031376 | OG0 |
- Lcom_lcpid128907 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P017813 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P004136 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P007043 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P001429 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P026104 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P005537 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P022552 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P001288 | OG0 |
- Lcom_lcpid130797 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P033546 | OG0 |
- Salpun_EP00053_Salpingoeca_punica_P027756 | OG0 |
- TrH2_TrispH2_001876-RA | OG1 |
- Tadh_TriadT37748 | OG1 |
- HoiH11_mRNA444 | OG1 |
- HoiH04_mRNA4500 | OG1 |
- Hhon_g05885.t1 | OG1 |
- HoiH06_mRNA5883 | OG1 |
- HoiH23_PlH23_002680-RA | OG1 |
- Xesp_011612-T1 | OG1 |
- Coemet_Cmet_C581264_01 | OG1 |
- Dgig_XM_028558443.1 | OG1 |
- Lampan_Lpan_C380128_01 | OG1 |
- Nvec_v1g173646 | OG1 |
- Exapal_XM_021046635.2 | OG1 |
- Adig_XM_015914021.1 | OG1 |
- Amil_Amillepora20324-RA | OG1 |
- Gfas_gfas1.m1.7362.m1 | OG1 |
- Spis_XP_022781378_1 | OG1 |
- Pocdam_XM_027184611.1 | OG1 |
- Fspp_ffun1.m4.14910.m1 | OG1 |
- Gasp_gasp1.m3.7907.m1 | OG1 |
- Morvir_scaffold61.g26.t1 | OG1 |
- Hvul_g625_1 | OG1 |
- Halamb_c28094_g1_i1m.5652 | OG1 |
- Chem_TCONS_00071249 | OG1 |
- Rhoesc_Res_017601-T1 | OG1 |
- Nemnom_g11178.t1 | OG1 |
- Sanmal_Sma_028137-T1 | OG1 |
- Sanmal_Sma_001695-T1 | OG1 |
- Aaur_scaffold570.g3.t1 | OG1 |
- Aaur_scaffold570.g4.t1 | OG1 |
- Opea_EP00118_Oscarella_pearsei_P024555 | OG2 |
- Ocar_g6881 | OG2 |
- Clacor_Ccor_C524905_01 | OG2 |
- Lcom_lcpid119479 | OG2 |
- Leuniv_Lniv_scaffold6235_01 | OG2 |
- Gracom_Gcom_C528216_01 | OG2 |
- Aque_Aqu2.1.38354_001 | OG2 |
- Halamb_c50149_g1_i1m.27691 | OG2 |
- Xestes_maker-XT_scaffold78806-augustus-gene-0.16-mRNA-1 | OG2 |
- Halamb_c18853_g1_i1m.3299 | OG2 |
- Tetwil_g3718.t1 | OG2 |
- Stycar_maker-SC_scaffold90332-snap-gene-0.10-mRNA-1 | OG2 |
- Stycar_maker-SC_scaffold3906-augustus-gene-0.112-mRNA-1 | OG2 |
- Emue_Em0023g356a.t1 | OG2 |
- Spolac_c104996_g1_i1_m.44712c104996-g1 | OG2 |
- Spolac_c77523_g1_i1_m.1894c77523-g1 | OG2 |
- Skow_XM_006822895.1 | OG3 |
- Spur_XM_030994578.1 | OG3 |
- Bralan_BLAG01000883_1 | OG3 |
- Hsap_ENST00000316084 | OG3 |
- Hsap_ENST00000250784 | OG3 |
- Hsap_ENST00000629237 | OG3 |
- Cscu_XM_023383189.1 | OG3 |
- Tcas_TC013431_001 | OG3 |
- Dpul_mRNA1832 | OG3 |
- Dpul_mRNA16302 | OG3 |
- Lcom_lcpid134181 | OG3 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA152725 | OG3 |
- Leuniv_Lniv_scaffold17634_01 | OG3 |
- Lcom_lcpid129094 | OG3 |
- Acagra_model.g7069.t1 | OG3 |
- Cgig_XM_011435129.3 | OG3 |
- Lcom_lcpid130297 | OG3 |
- Lcom_lcpid126288 | OG3 |
- Lcom_lcpid126094 | OG3 |
- Lcom_lcpid133092 | OG3 |
- Clacor_Ccor_C524537_01 | OG3 |
- Leuniv_Lniv_C757124_01 | OG3 |
- Leuniv_Lniv_C778291_01 | OG3 |
- Lcom_lcpid141307 | OG3 |
- Eupdun_Edun_sb10648296 | OG3 |
- Eupdun_Edun_sb10648297 | OG3 |
- Coemet_Cmet_C558443_01 | OG3 |
- Vmul_sbMO413398 | OG3 |
- Coemet_Cmet_scaffold19587_01 | OG3 |
- Coeast_Cast_sb793767 | OG3 |
- Coeast_Cast_sb793768 | OG3 |
- Coeast_Cast_sb793769 | OG3 |
- Coeast_Cast_sb760795 | OG3 |
- Pbac_sb2637658 | OG3 |
- Horcal_Hcv1.av93.c8.g315.i1 | OG3 |
- Mertsp_Mesp_sb535362 | OG3 |
- Bolinf_Binf_sb1177910 | OG3 |
- Drygla_Dgla_sb287597 | OG3 |
- Vmul_sbMO421079 | OG3 |
- Mlei_ML0074.g8.i1 | OG3 |
- Coeast_Cast_sb759938 | OG3 |
- Mertsp_Mesp_sb551960 | OG3 |
- Mertsp_Mesp_sb551961 | OG3 |
- Bolinf_Binf_sb1214175 | OG3 |
- Mertsp_Mesp_sb561763 | OG3 |
- Mertsp_Mesp_sb561764 | OG3 |
- Mertsp_Mesp_sb561766 | OG3 |
- Bolinf_Binf_sb1267423 | OG3 |
- Mertsp_Mesp_sb561765 | OG3 |
- Lampan_Lpan_12997_01 | OG3 |
- Mertsp_Mesp_sb590646 | OG3 |
- Bolinf_Binf_sb1267390 | OG3 |
- Bolinf_Binf_sb1267391 | OG3 |
- Bolinf_Binf_sb1267393 | OG3 |
- Bolinf_Binf_sb1267394 | OG3 |
- Bolinf_Binf_sb1267396 | OG3 |
- Bolinf_Binf_sb1267392 | OG3 |
- Bolinf_Binf_sb1267407 | OG3 |
- Bolinf_Binf_sb1267389 | OG3 |
- Bolinf_Binf_sb1267395 | OG3 |
- Coeast_Cast_sb750741 | OG3 |
- Bolinf_Binf_sb1193913 | OG3 |
- Mertsp_Mesp_sb539987 | OG3 |
- Beraby_Baby_sb324329 | OG3 |
- Drygla_Dgla_sb292361 | OG3 |
- Vmul_sbMO489018 | OG3 |
- Mertsp_Mesp_sb536770 | OG3 |
- Bolinf_Binf_sb1193319 | OG3 |
- Drygla_Dgla_sb275009 | OG3 |
- Beraby_Baby_sb325846 | OG3 |

Scale bar: 0.416667