A phylogenetic tree with the following taxa (tips), reading top to bottom:

- Mylflu_EP00047_Mylnosiga_fluctuans_P004516 | OG0 |
- Microa_EP00043_Microstomoeca_roanoka_P028350 | OG0 |
- Sros_EGD78380 | OG0 |
- Mbre_EDQ91095 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P011800 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P019747 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P019748 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P007692 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P007693 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P009079 | OG0 |
- Salpun_EP00053_Salpingoeca_punica_P017396 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P015327 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P006490 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P042308 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P042307 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P025047 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P025048 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P030435 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P008590 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P010107 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P007346 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P037637 | OG0 |
- Eupdun_Edun_sb10629722 | OG0 |
- Eupdun_Edun_sb10629724 | OG0 |
- Vmul_Simscaffold14736_01 | OG0 |
- Coeast_Cast_sb782369 | OG0 |
- Coeast_Cast_sb782367 | OG0 |
- Coemet_Cmet_C606216_01 | OG0 |
- Lampan_Lpan_15838_01 | OG0 |
- Bolinf_Binf_sb1207017 | OG0 |
- Mertsp_Mesp_sb537585 | OG0 |
- Beraby_Baby_sb331735 | OG0 |
- Horcal_Hcv1.av93.c2.g962.i1 | OG0 |
- Pbac_sb2649115 | OG0 |
- Drygla_Dgla_sb293862 | OG0 |
- Mlei_ML0096.g12.i1 | OG0 |
- Bolinf_Binf_sb1234830 | OG0 |
- Mertsp_Mesp_sb532803 | OG0 |
- Plajan_Pjan_C570318_01 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P003569 | OG0 |
- Ocar_g3579 | OG0 |
- Clacor_Ccor_scaffold6315_01 | OG0 |
- Lcom_lcpid28105 | OG0 |
- Gracom_Gcom_scaffold13368_01 | OG0 |
- Leuniv_Lniv_scaffold8995_01 | OG0 |
- Leuniv_Lniv_scaffold8994_01 | OG0 |
- Leuniv_Lniv_scaffold8993_01 | OG0 |
- Xestes_maker-XT_scaffold1173-augustus-gene-0.3-mRNA-1 | OG0 |
- Aque_Aqu2.1.41166_001 | OG0 |
- Halamb_c56202_g1_i4m.42743 | OG0 |
- Halamb_c56203_g1_i1m.42745 | OG0 |
- Halamb_c53423_g1_i2mm.5181 | OG0 |
- Stycar_maker-SC_scaffold621-snap-gene-0.7-mRNA-1 | OG0 |
- Tetwil_g11857.t2 | OG0 |
- Tetwil_g11865.t1 | OG0 |
- Tetwil_g11858.t1 | OG0 |
- Spolac_c96336_g1_i1_m.12930c96336-g1 | OG0 |
- Spolac_c96336_g1_i2_m.12932c96336-g1 | OG0 |
- Emue_Em0022g290a.t1 | OG0 |
- Spolac_c99365_g1_i2_m.19499c96336-g1 | OG0 |
- Spolac_c99365_g1_i1_m.19497c96336-g1 | OG0 |
- Spolac_c99365_g1_i2_m.19498c96336-g1 | OG0 |
- Spolac_c99365_g1_i3_m.19501c96336-g1 | OG0 |
- Tadh_TriadT22684 | OG0 |
- HoiH11_mRNA8260 | OG0 |
- Hhon_g08331.t1 | OG0 |
- HoiH04_mRNA5351 | OG0 |
- HoiH06_mRNA11934 | OG0 |
- HoiH23_PlH23_008819-RA | OG0 |
- Spur_XM_030976944.1 | OG0 |
- Bralan_BLAG02001463_1 | OG0 |
- Skow_XM_006823920.1 | OG0 |
- Hsap_ENST00000639914 | OG0 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA155274 | OG0 |
- Acagra_model.g13450.t1 | OG0 |
- Cgig_XM_011438290.3 | OG0 |
- Cscu_XM_023381907.1 | OG0 |
- Tcas_TC000620_001 | OG0 |
- Dpul_mRNA11732 | OG0 |
- Dpul_mRNA12362 | OG0 |
- Morvir_scaffold312.g14.t1 | OG0 |
- Chem_TCONS_00008275 | OG0 |
- Hvul_g3570_1 | OG0 |
- Chem_TCONS_00008276 | OG0 |
- Sanmal_Sma_013848-T1 | OG0 |
- Aaur_scaffold2153.g5.t1 | OG0 |
- Nemnom_g3551.t1 | OG0 |
- Rhoesc_Res_009582-T1 | OG0 |
- Dgig_XM_028551067.1 | OG0 |
- Xesp_002974-T1 | OG0 |
- Exapal_XM_021058826.2 | OG0 |
- Exapal_XM_021056508.2 | OG0 |
- Nvec_v1g91901 | OG0 |
- Nvec_v1g223824 | OG0 |
- Nvec_v1g1773 | OG0 |
- Spis_XP_022781859_1 | OG0 |
- Pocdam_XM_027200866.1 | OG0 |
- Gasp_gasp1.m3.20033.m1 | OG0 |
- Fspp_ffun1.m4.22479.m1 | OG0 |
- Gfas_gfas1.m1.15182.m1 | OG0 |
- Gfas_gfas1.m1.21261.m1 | OG0 |
- Amil_Amillepora01305-RA | OG0 |
- Adig_XM_015899150.1 | OG0 |

Scale bar: 0.416667