Phylogenetic tree with the following taxa:

- Lcom_lcpid19344 | OG0 |
- Leuniv_Lniv_scaffold23437_01 | OG0 |
- Scil_scict018730.1 | OG0 |
- Gracom_Gcom_scaffold16962_01 | OG0 |
- Clacor_Ccor_C542369_01 | OG0 |
- Lcom_lcpid43443 | OG0 |
- Gracom_Gcom_scaffold13078_01 | OG0 |
- Gracom_Gcom_scaffold13079_01 | OG0 |
- Leuniv_Lniv_scaffold18142_01 | OG0 |
- Leuniv_Lniv_C791722_01 | OG0 |
- Scil_scict025409.1 | OG0 |
- Plespi_Pspi_C614068_01 | OG0 |
- Xestes_maker-XT_scaffold6121-snap-gene-0.5-mRNA-1 | OG0 |
- Aque_Aqu2.1.39916_001 | OG0 |
- Halamb_c46899_g1_i1m.21409 | OG0 |
- Tetwil_g12095.t2 | OG0 |
- Tetwil_g23509.t1 | OG0 |
- Stycar_maker-SC_scaffold6558-snap-gene-0.170-mRNA-1 | OG0 |
- Emue_Em0023g506a.t1 | OG0 |
- Spolac_c101413_g1_i1_m.25544c101413-g1 | OG0 |
- Spolac_c101413_g1_i3_m.25547c101413-g1 | OG0 |
- Spolac_c101413_g1_i4_m.25550c101413-g1 | OG0 |
- Spolac_c101413_g1_i2_m.25546c101413-g1 | OG0 |
- Stycar_maker-SC_scaffold6558-snap-gene-0.169-mRNA-1 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P008731 | OG1 |
- Ocar_g7353 | OG1 |
- Vmul_Simscaffold13630_01 | OG1 |
- Coeast_Cast_sb764587 | OG1 |
- Coemet_Cmet_scaffold14390_01 | OG1 |
- Pbac_sb2654863 | OG1 |
- Pbac_sb2656248 | OG1 |
- Horcal_Hcv1.av93.c3.g780.i1 | OG1 |
- Horcal_Hcv1.av93.c3.g780.i2 | OG1 |
- Eupdun_Edun_sb10607663 | OG1 |
- Lampan_Lpan_448_01 | OG1 |
- Lampan_Lpan_449_01 | OG1 |
- Mlei_ML1496.g2.i1 | OG1 |
- Drygla_Dgla_sb298560 | OG1 |
- Drygla_Dgla_sb298561 | OG1 |
- TrH2_TrispH2_009005-RA | OG1 |
- Tadh_TriadT60987 | OG1 |
- HoiH23_PlH23_010225-RA | OG1 |
- Hhon_g05473.t1 | OG1 |
- HoiH04_mRNA5646 | OG1 |
- Codhol_EP00042_Codosiga_hollandica_P058601 | OG1 |
- Codhol_EP00042_Codosiga_hollandica_P058602 | OG1 |
- Salurc_EP00051_Salpingoeca_urceolata_P004360 | OG1 |
- Salkve_EP00050_Salpingoeca_kvevrii_P006152 | OG1 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P003081 | OG1 |
- Salurc_EP00051_Salpingoeca_urceolata_P004361 | OG1 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P010373 | OG1 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P010374 | OG1 |
- Salmac_EP00052_Salpingoeca_macrocollata_P001404 | OG1 |
- Salpun_EP00053_Salpingoeca_punica_P012804 | OG1 |
- Mbre_EDQ89781 | OG1 |
- Chofle_EP00730_Choanoeca_flexa_P018218 | OG1 |
- Choper_EP00045_Choanoeca_perplexa_P010332 | OG1 |
- Salinf_EP00049_Salpingoeca_infusionum_P018636 | OG1 |
- Microa_EP00043_Microstomoeca_roanoka_P027278 | OG1 |
- Sros_EGD82179 | OG1 |
- Lcom_lcpid215461 | OG1 |
- Didcos_EP00039_Didymoeca_costata_P002091 | OG1 |
- Diagra_EP00040_Diaphanoeca_grandis_P017087 | OG1 |
- Stedip_EP00041_Stephanoeca_diplocostata_P021875 | OG1 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P037844 | OG1 |
- Helnan_EP00037_Helgoeca_nana_P005882 | OG1 |
- Skow_XM_006824056.1 | OG1 |
- Spur_XM_030994668.1 | OG1 |
- Bralan_BLAG01000312_1 | OG1 |
- Hsap_ENST00000531382 | OG1 |
- Hsap_ENST00000510118 | OG1 |
- Hsap_ENST00000379565 | OG1 |
- Hsap_ENST00000262752 | OG1 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA229226 | OG1 |
- Acagra_model.g6551.t1 | OG1 |
- Cgig_XM_034476817.1 | OG1 |
- Cscu_XM_023359281.1 | OG1 |
- Cscu_XM_023375959.1 | OG1 |
- Dpul_mRNA16943 | OG1 |
- Tcas_TC001074_002 | OG1 |
- Hvul_g20711_1 | OG1 |
- Chem_TCONS_00071413 | OG1 |
- Morvir_scaffold223.g15.t1 | OG1 |
- Sanmal_Sma_001836-T1 | OG1 |
- Aaur_scaffold570.g7.t1 | OG1 |
- Nemnom_g11180.t1 | OG1 |
- Rhoesc_Res_008547-T1 | OG1 |
- Xesp_011363-T1 | OG1 |
- Dgig_XM_028554071.1 | OG1 |
- Nvec_v1g135493 | OG1 |
- Exapal_XM_021040011.2 | OG1 |
- Gfas_gfas1.m1.18300.m1 | OG1 |
- Amil_Amillepora19941-RA | OG1 |
- Adig_XM_015896917.1 | OG1 |
- Gasp_gasp1.m3.10980.m1 | OG1 |
- Fspp_ffun1.m4.20023.m1 | OG1 |
- Spis_XP_022781363_1 | OG1 |
- Pocdam_XM_027195787.1 | OG1 |

Scale bar: 0.416667