Phylogenetic tree showing the following taxa:

- Lcom_lcpid221326 | OG2 |
- Salpun_EP00053_Salpingoeca_punica_P005658 | OG1 |
- Salmac_EP00052_Salpingoeca_macrocollata_P017563 | OG1 |
- Salkve_EP00050_Salpingoeca_kvevrii_P008190 | OG1 |
- Lcom_lcpid248245 | OG1 |
- Salurc_EP00051_Salpingoeca_urceolata_P020473 | OG1 |
- Salurc_EP00051_Salpingoeca_urceolata_P020467 | OG1 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P014950 | OG1 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P004566 | OG1 |
- Salinf_EP00049_Salpingoeca_infusionum_P005149 | OG1 |
- Salinf_EP00049_Salpingoeca_infusionum_P005150 | OG1 |
- Microa_EP00043_Microstomoeca_roanoka_P019675 | OG1 |
- Sros_EGD79225 | OG1 |
- Mbre_EDQ92575 | OG1 |
- Chofle_EP00730_Choanoeca_flexa_P002761 | OG1 |
- Chofle_EP00730_Choanoeca_flexa_P002763 | OG1 |
- Choper_EP00045_Choanoeca_perplexa_P002380 | OG1 |
- Choper_EP00045_Choanoeca_perplexa_P002381 | OG1 |
- Didcos_EP00039_Didymoeca_costata_P028632 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P004323 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P004324 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P021662 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P021664 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P021660 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P036113 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P029278 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P002595 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P002024 | OG0 |
- Chem_TCONS_00029899 | OG0 |
- Xesp_004655-T1 | OG0 |
- Dgig_XM_028562692.1 | OG0 |
- Dgig_XM_028544594.1 | OG0 |
- Plajan_Pjan_C534281_01 | OG0 |
- TrH2_TrispH2_004059-RA | OG0 |
- Tadh_TriadT49822 | OG0 |
- HoiH11_mRNA9093 | OG0 |
- Hhon_g03956.t1 | OG0 |
- HoiH06_mRNA4625 | OG0 |
- HoiH23_PlH23_007912-RA | OG0 |
- Hvul_g8438_1 | OG0 |
- Chem_TCONS_00048539 | OG0 |
- Chem_TCONS_00018966 | OG0 |
- Morvir_scaffold316.g10.t1 | OG0 |
- Sanmal_Sma_019016-T1 | OG0 |
- Rhoesc_Res_006275-T1 | OG0 |
- Nemnom_g19525.t1 | OG0 |
- Nemnom_g10668.t1 | OG0 |
- Plespi_Pspi_scaffold5093_01 | OG0 |
- Tetwil_g2522.t2 | OG0 |
- Tetwil_g2521.t1 | OG0 |
- Stycar_maker-SC_scaffold51111-augustus-gene-0.5-mRNA-1 | OG0 |
- Stycar_maker-SC_scaffold32922-snap-gene-0.6-mRNA-1 | OG0 |
- Aque_Aqu2.1.39784_001 | OG0 |
- Xestes_augustus_masked-XT_scaffold51025-processed-gene-0.1-mRNA-1 | OG0 |
- Emue_Em0015g94a.t1 | OG0 |
- Emue_Em0015g3a.t1 | OG0 |
- Spolac_c98077_g1_i1_m.16368c98077-g1 | OG0 |
- Spolac_c98077_g1_i2_m.16369c98077-g1 | OG0 |
- Morvir_scaffold97.g2.t1 | OG0 |
- Sanmal_Sma_019014-T1 | OG0 |
- Aaur_scaffold487.g5.t1 | OG0 |
- Rhoesc_Res_006273-T1 | OG0 |
- Nemnom_g19526.t1 | OG0 |
- Nemnom_g10666.t1 | OG0 |
- Nvec_v1g202761 | OG0 |
- Exapal_XM_021041989.2 | OG0 |
- Gfas_gfas1.m1.9749.m1 | OG0 |
- Amil_Amillepora24928-RA | OG0 |
- Adig_XM_015913740.1 | OG0 |
- Spis_XP_022785795_1 | OG0 |
- Pocdam_XM_027180843.1 | OG0 |
- Gasp_gasp1.m3.9456.m1 | OG0 |
- Fspp_ffun1.m4.2030.m1 | OG0 |
- Dgig_XM_028562690.1 | OG0 |
- Xesp_004656-T1 | OG0 |
- Spur_XM_011684379.2 | OG0 |
- Hsap_ENST00000229390 | OG0 |
- Hsap_ENST00000584773 | OG0 |
- Hsap_ENST00000578794 | OG0 |
- Skow_XM_006815747.1 | OG0 |
- Bralan_BLAG01001187_1 | OG0 |
- Lcom_lcpid249636 | OG0 |
- Bralan_BLAG01001186_1 | OG0 |
- Cscu_XM_023363678.1 | OG0 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA221687 | OG0 |
- Tcas_TC015810_001 | OG0 |
- Dpul_mRNA28603 | OG0 |
- Lcom_lcpid189358 | OG0 |
- Acagra_model.g14056.t1.1.5d3b8777 | OG0 |
- Cgig_XM_011428506.3 | OG0 |
- Cgig_XM_034443058.1 | OG0 |
- Clacor_Ccor_C541279_01 | OG0 |
- Scil_scict025504.1 | OG0 |
- Lcom_lcpid34683 | OG0 |
- Gracom_Gcom_scaffold19114_01 | OG0 |
- Leuniv_Lniv_scaffold5744_01 | OG0 |
- Leuniv_Lniv_scaffold5745_01 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P028691 | OG0 |
- Ocar_g10302 | OG0 |
- Pbac_sb2640427 | OG0 |
- Horcal_Hcv1.av93.c3.g502.i2 | OG0 |
- Horcal_Hcv1.av93.c3.g502.i1 | OG0 |
- Beraby_Baby_sb345656 | OG0 |
- Beraby_Baby_sb345654 | OG0 |
- Beraby_Baby_sb345655 | OG0 |
- Beraby_Baby_sb345657 | OG0 |
- Beraby_Baby_sb345658 | OG0 |
- Mlei_ML1430.g26.i1 | OG0 |
- Lampan_Lpan_14116_01 | OG0 |
- Vmul_Simscaffold5854_01 | OG0 |
- Coeast_Cast_sb796916 | OG0 |
- Eupdun_Edun_sb10675653 | OG0 |
- Eupdun_Edun_sb10675657 | OG0 |
- Eupdun_Edun_sb10675664 | OG0 |
- Eupdun_Edun_sb10675667 | OG0 |
- Eupdun_Edun_sb10675668 | OG0 |

0.416667