A phylogenetic tree with the following taxa labels:

- Diagra_EP00040_Diaphanoeca_grandis_P039571 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P019051 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P020554 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P032057 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P032034 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P032032 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P032037 | OG0 |
- Mbre_EDQ86054 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P013314 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P004744 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P058392 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P002072 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P019285 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P020074 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P008072 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P001884 | OG0 |
- Spur_XM_030997271.1 | OG0 |
- Spur_XM_783760.5 | OG0 |
- Skow_XM_002733240.2 | OG0 |
- Skow_XM_006823960.1 | OG0 |
- Bralan_BLAG12000184_1 | OG0 |
- Hsap_ENST00000331803 | OG0 |
- Hsap_ENST00000605860 | OG0 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA171957 | OG0 |
- Cgig_XM_034448081.1 | OG0 |
- Acagra_model.g25723.t1 | OG0 |
- Acagra_model.g24154.t1 | OG0 |
- Acagra_model.g24154.t1.1.5d3b8aee | OG0 |
- Cgig_XM_011431859.3 | OG0 |
- Acagra_model.g5665.t1.1.5d3b8444 | OG0 |
- Acagra_model.g5693.t1 | OG0 |
- Cscu_XM_023386794.1 | OG0 |
- Cscu_XM_023386798.1 | OG0 |
- Cscu_XM_023386802.1 | OG0 |
- Dpul_mRNA19932 | OG0 |
- Tcas_TC004559_001 | OG0 |
- Tcas_TC004560_001 | OG0 |
- Hvul_g6844_1 | OG0 |
- Chem_TCONS_00046893 | OG0 |
- Morvir_scaffold209.g6.t1 | OG0 |
- Sanmal_Sma_006196-T1 | OG0 |
- Nemnom_g16683.t1 | OG0 |
- Rhoesc_Res_005382-T1 | OG0 |
- Aaur_scaffold4222.g1.t1 | OG0 |
- Aaur_scaffold2118.g3.t1 | OG0 |
- TrH2_TrispH2_006190-RA | OG0 |
- Tadh_TriadT31186 | OG0 |
- HoiH23_PlH23_009759-RA | OG0 |
- HoiH06_mRNA8916 | OG0 |
- Hhon_g10583.t1 | OG0 |
- HoiH04_mRNA7045 | OG0 |
- Dgig_XM_028535098.1 | OG0 |
- Xesp_009252-T1 | OG0 |
- Adig_XM_015895563.1 | OG0 |
- Amil_Amillepora12548-RA | OG0 |
- Exapal_XM_021037588.2 | OG0 |
- Nvec_v1g241497 | OG0 |
- Fspp_ffun1.m4.31124.m1 | OG0 |
- Gfas_gfas1.m1.8249.m1 | OG0 |
- Fspp_ffun1.m4.32997.m1 | OG0 |
- Gasp_gasp1.m3.10249.m1 | OG0 |
- Pocdam_XM_027188687.1 | OG0 |
- Spis_XP_022787483_1 | OG0 |
- Spis_XP_022787487_1 | OG0 |
- Horcal_Hcv1.av93.c5.g1348.i1 | OG0 |
- Pbac_sb2644415 | OG0 |
- Drygla_Dgla_sb284293 | OG0 |
- Mlei_ML2002.g43.i1 | OG0 |
- Bolinf_Binf_sb1241731 | OG0 |
- Vmul_sbMO410409 | OG0 |
- Eupdun_Edun_sb10701562 | OG0 |
- Beraby_Baby_sb343582 | OG0 |
- Bolinf_Binf_sb1190498 | OG0 |
- Lampan_Lpan_14831_01 | OG0 |
- Coemet_Cmet_scaffold19596_01 | OG0 |
- Vmul_Simscaffold15838_01 | OG0 |
- Plajan_Pjan_C556921_01 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P001859 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P001860 | OG0 |
- Ocar_g1369 | OG0 |
- Stycar_snap_masked-SC_scaffold7417-processed-gene-0.2-mRNA-1 | OG0 |
- Clacor_Ccor_scaffold15213_01 | OG0 |
- Gracom_Gcom_C547638_01 | OG0 |
- Lcom_lcpid71057 | OG0 |
- Scil_scict016001.1 | OG0 |
- Leuniv_Lniv_scaffold19250_01 | OG0 |
- Leuniv_Lniv_scaffold19251_01 | OG0 |
- Plespi_Pspi_scaffold5621_01 | OG0 |
- Plespi_Pspi_scaffold5622_01 | OG0 |
- Tetwil_g25445.t1 | OG0 |
- Aque_Aqu2.1.21185_001 | OG0 |
- Aque_Aqu2.1.21186_001 | OG0 |
- Emue_Em0020g513a.t1 | OG0 |
- Spolac_c98426_g1_i1_m.17166c98426-g1 | OG0 |
- Spolac_c98243_g1_i1_m.16790c98243-g1 | OG0 |
- Emue_Em0003g1498a.t1 | OG0 |

0.416667