A phylogenetic tree with the following taxa and support values:

- Xesp_021404-T1 | OG0 |
- Dgig_XM_028562006.1 | OG0 | — 100
- Dgig_XM_028547263.1 | OG0 | — 100
- Mlei_ML2666.g5.i1 | OG0 |
- Pbac_sb2663124 | OG0 | — 100
- Horcal_Hcv1.av93.c4.g895.i1 | OG0 | — 25
- Horcal_Hcv1.av93.c4.g895.i2 | OG0 | — 51
- Beraby_Baby_sb333954 | OG0 | — 100
- Beraby_Baby_sb333952 | OG0 | — 100
- Beraby_Baby_sb333953 | OG0 | — 88
- Drygla_Dgla_sb302425 | OG0 | — 100
- Drygla_Dgla_sb302426 | OG0 | — 82
- Lampan_Lpan_15557_01 | OG0 | — 98
- Coemet_Cmet_C599705_01 | OG0 | — 100
- Vmul_Simscaffold5347_01 | OG0 |
- TrH2_TrispH2_004949-RA | OG0 | — 100
- Tadh_TriadT61891 | OG0 |
- HoiH11_mRNA4367 | OG0 | — 92
- HoiH23_PlH23_001841-RA | OG0 | — 100
- HoiH06_mRNA1971 | OG0 | — 100
- Hhon_g06563.t1 | OG0 | — 100
- HoiH04_mRNA16532 | OG0 | — 100
- Bralan_BLAG04000899_1 | OG0 | — 71
- Hsap_ENST00000429084 | OG0 | — 77
- Skow_XM_006813657.1 | OG0 | — 49
- Spur_XM_777245.5 | OG0 | — 59
- Cscu_XM_023360513.1 | OG0 | — 97
- Cscu_XM_023360535.1 | OG0 | — 82
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA147922 | OG0 | — 98
- Acagra_model.g17967.t1.1.5d3b892b | OG0 | — 99
- Cgig_XM_011441374.3 | OG0 |
- Morvir_scaffold6.g7.t1 | OG0 | — 98
- Chem_TCONS_00024001 | OG0 | — 98
- Hvul_g22742_1 | OG0 |
- Sanmal_Sma_023746-T1 | OG0 | — 98
- Aaur_scaffold247.g2.t1 | OG0 | — 100
- Aaur_scaffold6417.g1.t1 | OG0 | — 100
- Rhoesc_Res_004508-T1 | OG0 | — 99
- Nemnom_g19821.t1 | OG0 | — 100
- Nemnom_g6126.t1 | OG0 | — 100
- Exapal_XM_021037229.2 | OG0 | — 79
- Nvec_NVE3664 | OG0 | — 100
- Nvec_v1g130881 | OG0 | — 99
- Gfas_gfas1.m1.948.m1 | OG0 | — 100
- Adig_XM_015894047.1 | OG0 | — 100
- Adig_XM_015904310.1 | OG0 | — 55
- Amil_Amillepora27265-RA | OG0 | — 100
- Gasp_gasp1.m3.3679.m1 | OG0 | — 53
- Fspp_ffun1.m4.8840.m1 | OG0 | — 99
- Pocdam_XM_027200564.1 | OG0 | — 100
- Spis_XP_022793398_1 | OG0 | — 100
- Spis_XP_022807066_1 | OG0 |
- Plajan_Pjan_C560660_01 | OG0 | — 100
- Opea_EP00118_Oscarella_pearsei_P006806 | OG0 | — 100
- Opea_EP00118_Oscarella_pearsei_P006805 | OG0 | — 55
- Ocar_g9610 | OG0 | — 72
- Clacor_Ccor_scaffold5516_01 | OG0 | — 100
- Gracom_Gcom_C552060_01 | OG0 | — 100
- Leuniv_Lniv_C802556_01 | OG0 | — 61
- Scil_scict010488.4 | OG0 | — 53
- Lcom_lcpid55114 | OG0 |
- Tetwil_g25505.t1 | OG0 | — 99
- Tetwil_g14987.t1 | OG0 | — 100
- Aque_Aqu2.1.34595_001 | OG0 | — 100
- Xestes_maker-XT_scaffold5250-augustus-gene-0.4-mRNA-1 | OG0 | — 98
- Spolac_c101080_g2_i1_m.24465c101080-g2 | OG0 | — 100
- Emue_Em0014g801a.t1 | OG0 | — 100
- Emue_Em0014g802a.t1 | OG0 | — 99
- Saldol_EP00054_Salpingoeca_dolichothecata_P006968 | OG0 | — 91
- Salurc_EP00051_Salpingoeca_urceolata_P009632 | OG0 | — 100
- Salurc_EP00051_Salpingoeca_urceolata_P009630 | OG0 | — 76
- Salurc_EP00051_Salpingoeca_urceolata_P009631 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P001126 | OG0 | — 100
- Diagra_EP00040_Diaphanoeca_grandis_P004265 | OG0 | — 99
- Stedip_EP00041_Stephanoeca_diplocostata_P004609 | OG0 | — 100
- Acaspe_EP00035_Acanthoeca_spectabilis_P001960 | OG0 | — 100
- Helnan_EP00037_Helgoeca_nana_P008508 | OG0 | — 80
- Salkve_EP00050_Salpingoeca_kvevrii_P007581 | OG0 | — 45
- Salmac_EP00052_Salpingoeca_macrocollata_P034794 | OG0 | — 74
- Mylflu_EP00047_Mylnosiga_fluctuans_P004681 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P018303 | OG0 | — 74
- Sros_EGD78968 | OG0 | — 100
- Microa_EP00043_Microstomoeca_roanoka_P008973 | OG0 | — 100
- Sros_EGD82823 | OG0 | — 100
- Mbre_EDQ89717 | OG0 | — 100
- Choper_EP00045_Choanoeca_perplexa_P003201 | OG0 | — 100
- Chofle_EP00730_Choanoeca_flexa_P020368 | OG0 | — 98
- Chofle_EP00730_Choanoeca_flexa_P020369 | OG0 |

0.416667