A phylogenetic tree. Tip labels, from top to bottom:

- Nvec_NVE8336 | OG0 |
- Exapal_XM_021038789.2 | OG0 |
- Nvec_NVE8335 | OG0 |
- Amil_Amillepora09971-RA | OG0 |
- Adig_XM_015894052.1 | OG0 |
- Adig_XM_015902093.1 | OG0 |
- Gfas_gfas1.m1.5.m1 | OG0 |
- Spis_XP_022803203_1 | OG0 |
- Pocdam_XM_027194125.1 | OG0 |
- Fspp_ffun1.m4.29564.m1 | OG0 |
- Gasp_gasp1.m3.17665.m1 | OG0 |
- Xesp_011478-T1 | OG0 |
- Xesp_011479-T1 | OG0 |
- Dgig_XM_028547270.1 | OG0 |
- Dgig_XM_028559008.1 | OG0 |
- Xesp_011480-T1 | OG0 |
- Hvul_g19776_1 | OG0 |
- Hvul_g19777_1 | OG0 |
- Chem_TCONS_00040858 | OG0 |
- Chem_TCONS_00046187 | OG0 |
- Morvir_scaffold197.g9.t1 | OG0 |
- Aaur_scaffold48.g8.t1 | OG0 |
- Sanmal_Sma_010792-T1 | OG0 |
- Aaur_scaffold48.g7.t1 | OG0 |
- Aaur_scaffold48.g6.t3 | OG0 |
- Nemnom_g16323.t1 | OG0 |
- Rhoesc_Res_000030-T1 | OG0 |
- Bralan_BLAG14000053_1 | OG0 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA178602 | OG0 |
- Acagra_model.g6131.t1 | OG0 |
- Cgig_XM_034478077.1 | OG0 |
- Cgig_XM_034478080.1 | OG0 |
- Skow_XM_006817547.1 | OG0 |
- Skow_XM_006815295.1 | OG0 |
- Skow_XM_006824016.1 | OG0 |
- Spur_XM_030981223.1 | OG0 |
- Spur_XM_030992806.1 | OG0 |
- Hsap_ENST00000228347 | OG0 |
- Cscu_XM_023365822.1 | OG0 |
- Tcas_TC014075_001 | OG0 |
- Dpul_mRNA16693 | OG0 |
- Dpul_mRNA17161 | OG0 |
- Dpul_mRNA9217 | OG0 |
- Clacor_Ccor_scaffold8441_01 | OG0 |
- Clacor_Ccor_C517679_01 | OG0 |
- Lcom_lcpid30123 | OG0 |
- Leuniv_Lniv_scaffold13416_01 | OG0 |
- Gracom_Gcom_C560670_01 | OG0 |
- Scil_scict017609.1 | OG0 |
- Vmul_Simscaffold11617_01 | OG0 |
- Coeast_Cast_sb834635 | OG0 |
- Coeast_Cast_sb760609 | OG0 |
- Coemet_Cmet_scaffold22086_01 | OG0 |
- Lampan_Lpan_C420477_01 | OG0 |
- Pbac_sb2653697 | OG0 |
- Horcal_Hcv1.av93.c5.g702.i1 | OG0 |
- Pbac_sb2653695 | OG0 |
- Beraby_Baby_sb322797 | OG0 |
- Bolinf_Binf_sb1257302 | OG0 |
- Bolinf_Binf_sb1257300 | OG0 |
- Mertsp_Mesp_sb583008 | OG0 |
- Bolinf_Binf_sb1223791 | OG0 |
- Bolinf_Binf_sb1223792 | OG0 |
- Bolinf_Binf_sb1223793 | OG0 |
- Bolinf_Binf_sb1223794 | OG0 |
- Plajan_Pjan_scaffold14458_01 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P009856 | OG0 |
- Ocar_g6204 | OG0 |
- Plespi_Pspi_scaffold17414_01 | OG0 |
- Spolac_c94160_g3_i1_m.9714c44931-g1 | OG0 |
- Aque_Aqu2.1.31243_001 | OG0 |
- Halamb_c44391_g1_i2m.17416 | OG0 |
- Halamb_c42395_g1_i1m.14888 | OG0 |
- Tetwil_g26852.t1 | OG0 |
- Stycar_maker-SC_scaffold10495-augustus-gene-0.11-mRNA-1 | OG0 |
- Spolac_c84718_g2_i1_m.3535c44931-g1 | OG0 |
- Spolac_c44931_g1_i1_m.1307c44931-g1 | OG0 |
- Spolac_c44931_g2_i1_m.1308c44931-g1 | OG0 |
- Spolac_c84718_g1_i1_m.3534c44931-g1 | OG0 |
- Emue_Em0006g620a.t1 | OG0 |
- Spolac_c88463_g1_i1_m.5054c44931-g1 | OG0 |
- TrH2_TrispH2_009476-RA | OG0 |
- Tadh_TriadT59462 | OG0 |
- HoiH11_mRNA4510 | OG0 |
- HoiH04_mRNA16936 | OG0 |
- HoiH06_mRNA9830 | OG0 |
- HoiH23_PlH23_003550-RA | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P000354 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P047856 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P047857 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P047855 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P026390 | OG0 |
- Salpun_EP00053_Salpingoeca_punica_P018423 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P014363 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P014364 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P012068 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P023354 | OG0 |
- Microa_EP00043_Microstomoeca_roanoka_P011254 | OG0 |
- Sros_EGD75318 | OG0 |
- Mbre_EDQ88087 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P002715 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P016744 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P006477 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P035802 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P014474 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P008121 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P004176 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P011728 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P014475 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P014476 | OG0 |

Scale bar: 0.416667