A phylogenetic tree. The tip labels from top to bottom are:

- Spur_XM_030997645.1 | OG0 |
- Spur_XM_003724207.3 | OG0 |
- Bralan_BLAG08000392_1 | OG0 |
- Skow_XM_002738594.1 | OG0 |
- Cscu_XM_023369705.1 | OG0 |
- Cscu_XM_023358267.1 | OG0 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA226563 | OG0 |
- Hsap_ENST00000372022 | OG0 |
- Tcas_TC011150_001 | OG0 |
- Dpul_mRNA16470 | OG0 |
- Acagra_model.g21033.t1.1.5d3b8a2c | OG0 |
- Cgig_XM_034446422.1 | OG0 |
- Cgig_XM_011457008.3 | OG0 |
- Didcos_EP00039_Didymoeca_costata_P009687 | OG0 |
- Diagra_EP00040_Diaphanoeca_grandis_P039190 | OG0 |
- Stedip_EP00041_Stephanoeca_diplocostata_P023640 | OG0 |
- Acaspe_EP00035_Acanthoeca_spectabilis_P024900 | OG0 |
- Helnan_EP00037_Helgoeca_nana_P008134 | OG0 |
- Saldol_EP00054_Salpingoeca_dolichothecata_P026320 | OG0 |
- Salurc_EP00051_Salpingoeca_urceolata_P001611 | OG0 |
- Salmac_EP00052_Salpingoeca_macrocollata_P001530 | OG0 |
- Salpun_EP00053_Salpingoeca_punica_P011279 | OG0 |
- Mylflu_EP00047_Mylnosiga_fluctuans_P002726 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P014582 | OG0 |
- Salkve_EP00050_Salpingoeca_kvevrii_P014583 | OG0 |
- Salinf_EP00049_Salpingoeca_infusionum_P004856 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P046106 | OG0 |
- Codhol_EP00042_Codosiga_hollandica_P046113 | OG0 |
- Sros_EGD76475 | OG0 |
- Microa_EP00043_Microstomoeca_roanoka_P021027 | OG0 |
- Mbre_EDQ87444 | OG0 |
- Chofle_EP00730_Choanoeca_flexa_P019316 | OG0 |
- Choper_EP00045_Choanoeca_perplexa_P014791 | OG0 |
- Xestes_augustus_masked-XT_scaffold134794-processed-gene-0.0-mRNA-1 | OG0 |
- Aque_Aqu2.1.34186_001 | OG0 |
- Halamb_c48837_g2_i1m.24936 | OG0 |
- Plespi_Pspi_scaffold12538_01 | OG0 |
- Tetwil_g11956.t1 | OG0 |
- Emue_Em0016g945a.t1 | OG0 |
- Spolac_c103079_g1_i1_m.32338c103079-g1 | OG0 |
- Clacor_Ccor_scaffold5756_01 | OG0 |
- Lcom_lcpid152951 | OG0 |
- Lcom_lcpid152903 | OG0 |
- Lcom_lcpid122092 | OG0 |
- Scil_scict014815.1 | OG0 |
- Gracom_Gcom_scaffold16686_01 | OG0 |
- Leuniv_Lniv_scaffold4096_01 | OG0 |
- Dgig_XM_028556801.1 | OG0 |
- Xesp_010884-T1 | OG0 |
- Exapal_XM_021056595.2 | OG0 |
- Nvec_v1g223273 | OG0 |
- Nvec_v1g247520 | OG0 |
- Adig_XM_015913967.1 | OG0 |
- Gfas_gfas1.m1.4829.m1 | OG0 |
- Gasp_gasp1.m3.11082.m1 | OG0 |
- Fspp_ffun1.m4.27034.m1 | OG0 |
- Spis_XP_022796092_1 | OG0 |
- Pocdam_XM_027188274.1 | OG0 |
- Opea_EP00118_Oscarella_pearsei_P027648 | OG0 |
- Ocar_g10312 | OG0 |
- Hvul_g27820_1 | OG0 |
- Morvir_scaffold274.g8.t1 | OG0 |
- Nemnom_g11226.t1 | OG0 |
- Rhoesc_Res_008665-T1 | OG0 |
- Sanmal_Sma_028139-T1 | OG0 |
- Sanmal_Sma_001696-T1 | OG0 |
- Sanmal_Sma_028138-T1 | OG0 |
- TrH2_TrispH2_002699-RA | OG0 |
- Tadh_TriadT7408 | OG0 |
- HoiH23_PlH23_002483-RA | OG0 |
- HoiH06_mRNA4413 | OG0 |
- Hhon_g01614.t1 | OG0 |
- HoiH04_mRNA13023 | OG0 |
- Drygla_Dgla_sb283141 | OG0 |
- Bolinf_Binf_sb1234715 | OG0 |
- Lampan_Lpan_8121_01 | OG0 |
- Mlei_ML4665.g2.i1 | OG0 |
- Bolinf_Binf_sb1268403 | OG0 |
- Mertsp_Mesp_sb562152 | OG0 |
- Bolinf_Binf_sb1268404 | OG0 |
- Mertsp_Mesp_sb562153 | OG0 |
- Mertsp_Mesp_sb576161 | OG0 |
- Beraby_Baby_sb326255 | OG0 |
- Beraby_Baby_sb326256 | OG0 |
- Bolinf_Binf_sb1181293 | OG0 |
- Drygla_Dgla_sb274867 | OG0 |
- Beraby_Baby_sb326257 | OG0 |
- Coeast_Cast_sb753357 | OG0 |
- Horcal_Hcv1.av93.c9.g548.i1 | OG0 |
- Pbac_sb2656168 | OG0 |
- Pbac_sb2646810 | OG0 |
- Eupdun_Edun_sb10647624 | OG0 |
- Eupdun_Edun_sb10647625 | OG0 |
- Vmul_sbMO413699 | OG0 |
- Coemet_Cmet_scaffold17160_01 | OG0 |
- Coeast_Cast_sb795335 | OG0 |
- Coeast_Cast_sb795336 | OG0 |
- Coeast_Cast_sb795334 | OG0 |
- Coeast_Cast_sb795337 | OG0 |

Scale bar: 0.416667