A phylogenetic tree showing species relationships with bootstrap support values. The tips are labeled with the following taxa:

- Lcom_lcpid247792 | OG0 |
- Eupdun_Edun_sb10641605 | OG0 |
- Eupdun_Edun_sb10641606 | OG0 |
- Lampan_Lpan_14893_01 | OG0 |
- Vmul_SimC404276 | OG0 |
- Coemet_Cmet_C605046_01 | OG0 |
- Coeast_Cast_sb809152 | OG0 |
- Coeast_Cast_sb809158 | OG0 |
- Coeast_Cast_sb809159 | OG0 |
- Coeast_Cast_sb809156 | OG0 |
- Coeast_Cast_sb809157 | OG0 |
- Coeast_Cast_sb809160 | OG0 |
- Mertsp_Mesp_sb526254 | OG0 |
- Pbac_sb2637779 | OG0 |
- Pbac_sb2644497 | OG0 |
- Horcal_Hcv1.av93.c11.g205.i1 | OG0 |
- Pbac_sb2637778 | OG0 |
- Pbac_sb2637781 | OG0 |
- Drygla_Dgla_sb304958 | OG0 |
- Drygla_Dgla_sb276434 | OG0 |
- Bolinf_Binf_sb1225726 | OG0 |
- Beraby_Baby_sb347030 | OG0 |
- Vmul_sbMO444293 | OG0 |
- Drygla_Dgla_sb304960 | OG0 |
- Bolinf_Binf_sb1233634 | OG0 |
- Mertsp_Mesp_sb573084 | OG0 |
- Bolinf_Binf_sb1233637 | OG0 |
- Mertsp_Mesp_sb613854 | OG0 |
- Clacor_Ccor_scaffold14982_01 | OG1 |
- Lcom_lcpid15318 | OG1 |
- Leuniv_Lniv_scaffold24861_01 | OG1 |
- Gracom_Gcom_C556264_01 | OG1 |
- Scil_scict020107.1 | OG1 |
- TrH2_TrispH2_000650-RA | OG1 |
- Tadh_TriadT36216 | OG1 |
- HoiH11_mRNA2826 | OG1 |
- HoiH23_PlH23_009598-RA | OG1 |
- HoiH06_mRNA6683 | OG1 |
- Hhon_g00041.t1 | OG1 |
- HoiH04_mRNA17903 | OG1 |
- Plajan_Pjan_scaffold23488_01 | OG2 |
- Opea_EP00118_Oscarella_pearsei_P003172 | OG2 |
- Ocar_g3036 | OG2 |
- Tetwil_g15981.t2 | OG2 |
- Plespi_Pspi_scaffold13069_01 | OG2 |
- Lcom_lcpid176507 | OG2 |
- Emue_Em0005g1600a.t1 | OG2 |
- Spolac_c97736_g1_i1_m.15665c97736-g1 | OG2 |
- Xestes_maker-XT_scaffold695-snap-gene-0.30-mRNA-1 | OG2 |
- Halamb_c24171_g1_i1m.4402 | OG2 |
- Halamb_c23791_g1_i1m.4334 | OG2 |
- Aque_Aqu2.1.24984_001 | OG2 |
- Hsap_ENST00000392708 | OG2 |
- Cscu_XM_023366153.1 | OG2 |
- Dpul_mRNA2487 | OG2 |
- Tcas_TC010433_001 | OG2 |
- Bralan_BLAG16000505_2 | OG2 |
- Skow_XM_002739559.2 | OG2 |
- Spur_XM_001175790.4 | OG2 |
- Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA166596 | OG2 |
- Lcom_lcpid174186 | OG2 |
- Acagra_model.g18998.t1 | OG2 |
- Lcom_lcpid110052 | OG2 |
- Cgig_XM_011435852.3 | OG2 |
- Dgig_XM_028549291.1 | OG2 |
- Xesp_002757-T1 | OG2 |
- Hvul_g28831_1 | OG2 |
- Chem_TCONS_00010880 | OG2 |
- Morvir_scaffold31.g16.t1 | OG2 |
- Sanmal_Sma_016773-T1 | OG2 |
- Nemnom_g11339.t1 | OG2 |
- Rhoesc_Res_012755-T1 | OG2 |
- Nvec_v1g180767 | OG2 |
- Exapal_XM_021050394.2 | OG2 |
- Fspp_ffun1.m4.28193.m1 | OG2 |
- Gasp_gasp1.m3.9716.m1 | OG2 |
- Spis_XP_022794988_1 | OG2 |
- Pocdam_XM_027185411.1 | OG2 |
- Gfas_gfas1.m1.16508.m1 | OG2 |
- Adig_XM_015925175.1 | OG2 |
- Adig_XM_015901973.1 | OG2 |
- Amil_Amillepora14626-RA | OG2 |
- Amil_Amillepora14623-RA | OG2 |

0.416667