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Chofle EP00730 Choanoeca flexa P013256 | OG0 |
         100
               ·Choper_EP00045_Choanoeca_perplexa_P000430 | OG0 |
                            •Codhol_EP00042_Codosiga_hollandica_P037047 | OG0 |
                                      -Lcom_lcpid152047 | OG0 |
                        Mbre EDQ90885 | OG0 |
                                      -Sros_EGD81634 | OG0 |
                                              •Microa_EP00043_Microstomoeca_roanoka_P028986 | OG0 |
                  Saldol EP00054_Salpingoeca_dolichothecata_P038667 | OG1 |
                 Salkve_EP00050_Salpingoeca_kvevrii_P006510 | OG1 |
                    Salurc_EP00051_Salpingoeca_urceolata_P032530 | OG1 |
     99
                              Salurc_EP00051_Salpingoeca_urceolata_P032282 | OG1 |
 85
                       -Salmac_EP00052_Salpingoeca_macrocollata_P034578 | OG1 |
                   -Salpun_EP00053_Salpingoeca_punica_P015631 | OG1 |
                          •Mylflu_EP00047_Mylnosiga_fluctuans_P002447 | OG1 |
                       Diagra EP00040 Diaphanoeca grandis P021559 | OG1 |
   70
                     •Stedip_EP00041_Stephanoeca_diplocostata_P007060 | OG1 |
           100
                           Didcos_EP00039_Didymoeca_costata_P032200 | OG1 |
                         Acaspe_EP00035_Acanthoeca_spectabilis_P020753 | OG1 |
              90
                      <sup>100</sup><sup>1</sup>-Helnan_EP00037_Helgoeca_nana_P037981 | OG1 |
                                   •Vmul_SimC391004 | OG1 |
                                      Coemet Cmet_scaffold4166_01 | OG1 |
                               93
                                     Coemet_Cmet_scaffold4167_01 | OG1 |
                                     Coeast_Cast_sb781751 | OG1 |
                                   <sup>97</sup> Coeast_Cast_sb781752 | OG1 |
                            100
                                    •Drygla_Dgla_sb278791 | OG1 |
                                      •Eupdun_Edun_sb10634037 | OG1 |
                                          -Coeast_Cast_sb750041 | OG1 |
                              90
                                        <sup>68]</sup>•Bolinf Binf sb1249875 | OG1 |
                                          Mertsp_Mesp_sb594003 | OG1 |
                                 95
                                           Bolinf Binf sb1249874 | OG1 |
                                            Mertsp Mesp sb594002 | OG1 |
                                            -Lampan Lpan C414155 01 | OG1 |
                                             •Pbac_sb2653176 | OG1 |
                                          <sup>100</sup> Horcal_Hcv1.av93.c9.g341.i1 | OG1 |
                                            Beraby Baby sb338458 | OG1 |
                                              Bolinf_Binf_sb1219724 | OG1 |
                                            67 Mertsp_Mesp_sb557123 | OG1 |
                                             Mlei_ML1231.g10.i1 | OG1 |
                                           <sup>991</sup>Vmul_sbMO411925 | OG1 |
             96
                                                Bolinf Binf sb1239923 | OG1 |
                                               <sup>51</sup> Mertsp_Mesp_sb577065 | OG1 |
                                                Mertsp_Mesp_sb577066 | OG1 |
                                                  Mertsp_Mesp_sb577067 | OG1 |
                                                 <sup>47</sup><sup>1</sup>-Bolinf_Binf_sb1239924 | OG1 |
                              Plespi Pspi scaffold5498 01 | OG1 |
                            <sup>100</sup> Plespi_Pspi_scaffold5499_01 | OG1 |
                             •Tetwil_g20406.t1 | OG1 |
                  91
                                 Stycar_maker-SC_scaffold3845-snap-gene-0.4-mRNA-1 | OG1 |
                       100
                                   •Spolac_c100778_g1_i1_m.23498c100778-g1 | OG1 |
                     98
                                 -Xestes_snap_masked-XT_scaffold9431-processed-gene-0.1-mRNA-1 | OG1 |
                                   •Aque_Aqu2.1.29482_001 | OG1 |
                                  •Halamb_c63431_g1_i1m.45838 | OG1 |
                           <sub>!</sub>Clacor_Ccor_scaffold10357_01 | OG1 |
                        Clacor_Ccor_scaffold10355_01 | OG1 |
                             •Lcom_lcpid105834 | OG1 |
                    100
                96
                                 -Leuniv_Lniv_scaffold10939_01 | OG1 |
                        100
                                 Gracom_Gcom_C545182_01 | OG1 |
                                Scil_scict017256.1 | OG1 |
                             <sup>100</sup> Lcom_lcpid140808 | OG1 |
                                         •Morvir scaffold35.g34.t1 | OG1 |
                                     •Chem_TCONS_00007289 | OG1 |
                                       Hvul_g27645_1 | OG1 |
                                   •Sanmal_Sma_021776-T1 | OG1 |
                  62
                                     Nemnom_g14304.t1 | OG1 |
                                 <sup>[00</sup><sup>]</sup>•Rhoesc Res 015556-T1 | OG1 |
                       51
                                                  <sub>•</sub>Tadh_TriadT63662 | OG1 |
                                                <sup>97</sup> TrH2_TrispH2_002654-RA | OG1 |
                                                     <sup>1001</sup>·HoiH23_PIH23_002533-RA | OG1 |
                                                     -HoiH04 mRNA13823 | OG1 |
                                                  <sup>100</sup> Hhon g01559.t1 | OG1 |
                    59
                                      •Opea_EP00118_Oscarella_pearsei_P008962 | OG1 |
                                      •Ocar_g599 | OG1 |
                                 100
                                    77 Opea_EP00118_Oscarella_pearsei_P008964 | OG1 |
                                    -Xesp 008792-T1 | OG1 |
                                <sup>100</sup><sup>L</sup>•Dgig_XM_028538997.1 | OG1 |
                                       •Exapal_XM_021040698.2 | OG1 |
                           98
                                      •Nvec_v1g171563 | OG1 |
                                100
                       66
                                   100 Nvec v1g222517 | OG1 |
                                      Pocdam XM 027200771.1 | OG1 |
                             100
                                   <sup>100</sup> -Spis_XP_022787856_1 | OG1 |
                                      •Gasp_gasp1.m3.6089.m1 | OG1 |
                                        •Fspp_ffun1.m4.21277.m1 | OG1 |
                                            •Gfas_gfas1.m1.5378.m1 | OG1 |
                                            Amil Amillepora13470-RA | OG1 |
                                          100 Adig_XM_015902424.1 | OG1 |
                                    •Bralan_BLAG08000396_1 | OG1 |
                                       •Hsap_ENST00000253108 | OG1 |
                             43
                                       •Skow XM 006818357.1 | OG1 |
                               48
                                              -Spur XM 030997449.1 | OG1 |
                           90
                                       •Cscu XM 023359869.1 | OG1 |
                                             •Dpul_mRNA18710 | OG1 |
                                   92
                                                •Tcas_TC012449_001 | OG1 |
                                        Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA160910 | OG1 |
                               26
                                      Tool-Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA226396 | OG1 |
                                        •Lcom | lcpid161357 | OG1 |
                                             •Cgig_XM_011438467.2 | OG1 |
                                    48
                                           •Acagra_model.g20441.t1_model.g20442.t1 | OG1 |
0.416667
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