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•Codhol_EP00042_Codosiga_hollandica_P003917 | OG0 |
                       Salinf EP00049 Salpingoeca infusionum P019112 | OG0 |
   88
                       •Microa_EP00043_Microstomoeca_roanoka_P012682 | OG0 |
             100
                       Sros_EGD74323 | OG0 |
         100
                         •Mbre EDQ85913 | OG0 |
                        Chofle EP00730_Choanoeca_flexa_P011301 | OG0 |
                        -Choper_EP00045_Choanoeca_perplexa_P017212 | OG0 |
                     Clacor Ccor C536743 01 | OG1 |
                     •Lcom_lcpid72975 | OG1 |
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                       •Gracom_Gcom_C552798_01 | OG1 |
                      Scil scict012876.1 | OG1 |
                •Plajan_Pjan_C517760_01 | OG1 |
                  •Plajan_Pjan_scaffold22718_01 | OG1 |
       96
                  Opea_EP00118_Oscarella_pearsei_P002604 | OG1 |
         99
              100
                      •Ocar g8593 | OG1 |
                         •Exapal XM 028659666.1 | OG1 |
               100
                       •Nvec_NVE16256 | OG1 |
                             TrH2 TrispH2 004379-RA | OG1 |
             89
                          <sup>100</sup>Tadh_TriadT56012 | OG1 |
                                <sup>e</sup>HoiH23 PIH23_006154-RA | OG1 |
                       100
   88
                             <sup>100</sup> HoiH06 _mRNA1964 | OG1 |
                          100
                                <sub>f</sub>Hhon_g07981.t1 | OG1 |
           87
                             <sup>100</sup> HoiH04_mRNA9899 | OG1 |
                             •Plespi_Pspi_C602954_01 | OG1 |
                            Xestes_snap_masked-XT_scaffold3591-processed-gene-0.8-mRNA-1 | OG1 |
                                 •Aque_Aqu2.1.41324_001 | OG1 |
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               100
                          99
                                •Halamb_c49849_g1_i1m.27061 | OG1 |
                              Stycar_augustus_masked-SC_scaffold102398-processed-gene-0.0-mRNA-1 | OG1 |
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                                •Emue_Em0022g122a.t1 | OG1 |
                                -Spolac_c104567_g6_i1_m.41446c104567-g6 | OG1 |
                              <sup>100]</sup>Spolac_c104567_g6_i2_m.41447c104567-g6 | OG1 |
                    88
     82
                              •Tetwil_g11277.t1 | OG1 |
                        80
                                Stycar_snap_masked-SC_scaffold102398-processed-gene-0.1-mRNA-1 | OG1 |
                      80
                             Stycar_augustus_masked-SC_scaffold77383-processed-gene-0.0-mRNA-1 | OG1 |
                          | Stycar_maker-SC_scaffold29568-augustus-gene-0.15-mRNA-1 | OG1
                     -Fspp ffun1.m4.17019.m1 | OG1 |
                         •Gasp_gasp1.m3.16365.m1 | OG1 |
                           •Spis_XP_022790351_1 | OG1 |
                 100
                        Gfas gfas1.m1.3021.m1 | OG1 |
                             •Gfas_gfas1.m1.3020.m1 | OG1 |
                             Amil_Amillepora24387-RA | OG1 |
           86
                          <sup>100</sup>Adig_XM_015913533.1 | OG1 |
                          •Xesp_028979-T1 | OG1 |
                           Dgig XM 028549738.1 | OG1 |
                            •Xesp 014138-T1 | OG1 |
                         •Aaur_scaffold246.g3.t1 | OG1 |
                              •Morvir_scaffold1.g363.t1 | OG1 |
                                      •Chem_TCONS_00005439 | OG1 |
                    92
               100
                        100
                                  •Hvul_g33729_1 | OG1 |
                               •Nemnom_g17962.t1 | OG1 |
                  93
                              •Rhoesc_Res_007903-T1 | OG1 |
                                  •Sanmal_Sma_015205-T1 | OG1
                                     •Sanmal_Sma_015206-T1 | OG1 |
                          100
                             <sup>100</sup>•Sanmal_Sma_015210-T1 | OG1 |
                           -Tcas_TC013007_001 | OG1 |
             29
                           •Spur XM 775932.4 | OG1 |
                        Skow XM 006823752.1 | OG1 |
           38
                         •Bralan_BLAG02001064_1 | OG1 |
               89
                           •Hsap ENST00000652429 | OG1 |
                            •Cgig XM 011446013.3 | OG1 |
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                                    •Cgig XM 011426970.3 | OG1 |
                             •Acagra_model.g5947.t1 | OG1 |
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                          Acagra_model.g5947.t1.1.5d3b8481 | OG1 |
                                •Ctel gnl WGS AMQN CAPTEDRAFT mRNA178034 | OG1 |
                             Ctel gnl WGS AMQN CAPTEDRAFT mRNA211948 | OG1 |
                      100
                          Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA142723 | OG1 |
                            •Didcos_EP00039_Didymoeca_costata_P020634 | OG1 |
         60
                                Stedip EP00041 Stephanoeca diplocostata P015785 | OG1 |
                 100
                                 Diagra EP00040 Diaphanoeca grandis P009962 | OG1 |
                    91
                                -Acaspe EP00035 Acanthoeca spectabilis P039871 | OG1 |
                                  •Helnan EP00037 Helgoeca nana P020877 | OG1 |
                          100
              100
                             <sup>100</sup> Helnan_EP00037_Helgoeca_nana_P020880 | OG1 |

    Saldol EP00054 Salpingoeca dolichothecata P013550 | OG1 |

                              Salkve EP00050 Salpingoeca kvevrii P007072 | OG1 |
                 79
                                   Salpun EP00053 Salpingoeca punica P010542 | OG1 |
                   98
                         98
                                    Salmac_EP00052_Salpingoeca_macrocollata_P021103 | OG1 |
                                    •Codhol_EP00042_Codosiga_hollandica_P029157 | OG1 |
                     94
           52
                                     -Codhol EP00042 Codosiga hollandica P029156 | OG1 |
                                 <sup>54</sup>Codhol EP00042 Codosiga hollandica_P029158 | OG1 |
                          Cscu XM 023382863.1 | OG1 |
                              ·Vmul_Simscaffold8090 01 | OG1 |
                                •Coemet_Cmet_C600911_01 | OG1 |
                         100
                                 Coeast_Cast_sb793067 | OG1 |
                                   Coeast Cast sb793070 | OG1 |
                                     Coeast_Cast_sb793066 | OG1 |
                                       Coeast_Cast_sb793068 | OG1 |
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                                     981 Coeast_Cast_sb793069 | OG1 |
                               Lampan Lpan 330 01 | OG1 |
                           96
                                     Eupdun Edun sb10662464 | OG1 |
                                   •Mlei_ML2931.g14.i1 | OG1 |
                                    •Mlei_ML2931.g15.i1 | OG1 |
                         86
                             83
                                    Bolinf_Binf_sb1230859 | OG1 |
                               98
                                 <sup>100</sup> Mertsp_Mesp_sb574354 | OG1 |
                           91
                                     Mertsp Mesp sb559017 | OG1 |
                                     Beraby Baby sb333019 | OG1 |
                                  <sup>1001</sup>-Beraby_Baby_sb333020 | OG1 |
                             65
                                     •Coeast_Cast_sb820784 | OG1 |
                                    Drygla Dgla sb301686 | OG1 |
                                 <sup>11</sup>Drygla_Dgla_sb301687 | OG1 |
0.416667
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