```
Plespi Pspi scaffold17112 01 | OG0
                                                <sup>100</sup> Plespi Pspi_scaffold17113_01 | OG0 |
                                                •Tetwil_g2126.t1 | OG0 |
                                               •Tetwil_g21128.t1 | OG0 |
                    100
                               100
                                              Stycar augustus masked-SC scaffold4373-processed-gene-0.2-mRNA-1 | OG0 |
                                             •Tetwil_g2127.t1 | OG0 |
                          85
                                                  -Aque Aqu2.1.26794 001 | OG0 |
                                                     -Aque_Aqu2.1.33012_001 | OG0 |
                                        100
                                                   •Halamb c56135 g1 i1mm.6977 | OG0 |
                                                  •Halamb_c56710_g1_i2m.44088 | OG0 |
                                                  -Halamb c40670 g1 i1m.12950 | OG0 |
                           •Ocar g8540 | OG0 |
                             -Ocar g1208 | OG0 |
                           99<sup>1</sup>Opea_EP00118_Oscarella_pearsei_P024314 | OG0 |
             100
                         •Plajan Pjan C572928 01 | OG0 |
                                  Opea_EP00118_Oscarella_pearsei_P024317 | OG0
                                Opea EP00118 Oscarella pearsei P024315 | OG0 |
                         Clacor Ccor C524595 01 | OG0 |
                           -Lcom_lcpid22479 | OG0 |
            100
                              Leuniv Lniv scaffold23475 01 | OG0 |
                     100
                          Leuniv Lniv_scaffold23474_01 | OG0 |
                                Leuniv Lniv C778175 01 | OG0 |
                                  -Leuniv_Lniv_scaffold5667_01 | OG0 |
                                 •Gracom Gcom C561602 01 | OG0 |
                                                                                                 Stycar maker-SC scaffold3360-augustus-gene-0.7-mRNA-1 | OG1 |
                      •Skow XM 006814169.1 | OG1 |
                          -Spur_XM_030981932.1 | OG1 |
             100
                         Skow XM 006823095.1 | OG1 |
                           •Bralan_BLAG18000511_1 | OG1 |
                100
                         +Hsap ENST00000675332 | OG1 |
                          •Cscu XM 023374024.1 | OG1 |
             83
                            •Tcas TC001338 001 | OG1 |
                             Dpul mRNA23452 | OG1 |
                          •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA150573 | OG1 |
                           Acagra model.g21684.t1 | OG1 |
                              Cgig XM 034471790.1 | OG1 |
                           <sup>100</sup> Cgig XM 034471796.1 | OG1 |
                            +HoiH11 mRNA5741 | OG1 |
                                -Tadh_TriadT18273 | OG1 |
                                 radh TriadT18815 | OG1 |
                        100
                                991TrH2 TrispH2 008140-RA | OG1 |
                                  <sub>-</sub>HoiH23_PIH23_008779-RA | OG1 |
                          89
                               <sup>100</sup>-HoiH06 mRNA11851 | OG1 |
                                 Hhon_g00518.t1 | OG1 |
       43
                               100 HoiH04 mRNA4068 | OG1 |
                                                       -Lcom_lcpid116563 | OG1 |
                                    Chem TCONS 00052339 | OG1 |
                                     •Morvir scaffold214.g33.t1 | OG1 |
                                    •Sanmal_Sma_011468-T1 | OG1 |
         62
                                    •Aaur scaffold1.g41.t1 | OG1 |
                                       •Nemnom_g6672.t1 | OG1 |
                                       -Rhoesc Res 016049-T1 | OG1 |
           86
                                •Dgig_XM_028548023.1 | OG1 |
                                -Xesp_000941-T1 | OG1 |
                             •Exapal XM 021040151.2 | OG1 |
                           -Nvec v1g30320 | OG1 |
                     100
                        100 Nvec_v1g93026 | OG1 |
                             -Gfas gfas1.m1.9546.m1 | OG1 |
                  100
                                Adig_XM_015900003.1 | OG1 |
                             <sup>100</sup> Amil Amillepora25303-RA | OG1 |
                                 -Spis_XP_022782123_1 | OG1 |
                             100 - Pocdam XM 027200115.1 | OG1 |
                               Gasp_gasp1.m3.498.m1 | OG1 |
                                 Fspp ffun1.m4.14944.m1 | OG1 |
                                931-Gasp gasp1.m3.499.m1 | OG1 |
0.416667
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