```
Lcom | lcpid87103 | OG0 |
                                                  Lcom | lcpid113898 | OG0 |
     81
                       ·Plajan_Pjan_scaffold12247_01 | OG0 |
                        Opea_EP00118_Oscarella_pearsei_P024716 | OG0 |
                       •Ocar_g3175 | OG0 |
         •Spis XP 022791215 1 | OG0 |
 33
           Pocdam_XM_027202550.1 | OG0 |
                                                        •Gracom_Gcom_scaffold11197_01 | OG0 |
            •Fspp_ffun1.m4.26110.m1 | OG0 |
     76
            Gasp gasp1.m3.19446.m1 | OG0 |
            •Gfas_gfas1.m1.1211.m1 | OG0 |
                      •Nvec_v1g210446 | OG0 |
         67
                      Exapal_XM_021047740.2 | OG0 |
                  •Amil_Amillepora24307-RA | OG0 |
           68
               <sup>100</sup> -Adig XM_015894107.1 | OG0 |
                 Fspp ffun1.m4.18867.m1 | OG0 |
               83 -Gasp_gasp1.m1b.26228.m1 | OG0 |
                                     -Xesp 014153-T1 | OG1 |
                                  •Gasp_gasp1.m1b.26234.m1 | OG1 |
           88
                                          •Spis Spis13066 1 | OG1 |
                  90
                                             •Tcas TC014150 001 | OG1 |
                                      •Dpul_mRNA14723 | OG1 |
    72
                       •Rhoesc Res 007364-T1 | OG1 |
                   <sup>100</sup><sup>1</sup>-Nemnom_g5688.t1 | OG1 |
                          •Sanmal_Sma_011523-T1 | OG1 |
      89
                          Aaur_scaffold72.g7.t1 | OG1 |
               100
                            Nemnom g19127.t1 | OG1 |
                            •Rhoesc Res 016135-T1 | OG1 |
           100
                                              •Sanmal Sma 011521-T1 | OG1 |
                                               -Sanmal_Sma_011522-T1 | OG1 |
                     100
                                     •Aaur_scaffold72.g5.t1 | OG1 |
                                          •Nemnom g19128.t1 | OG1 |
                          100
                                          Rhoesc_Res_016134-T1 | OG1 |
                      •Dgig XM 028549707.1 | OG2 |
                      •Xesp 014154-T1 | OG2 |
 33
                     Mlei_ML1311.g38.i1 | OG2 |
     35
                                                        -Pbac sb2668673 | OG2 |
                     •Lampan Lpan 10778 01 | OG2 |
               100
                                          •Coemet Cmet scaffold11947 01 | OG2 |
                  96
                                      <sup>100</sup>Ū-Vmul Simscaffold15030_01 | OG2 |
                            Horcal_Hcv1.av93.c6.g587.i1 | OG2 |
                              -Pbac_sb2652351 | OG2 |
                             <sup>73</sup> Pbac sb2668674 | OG2 |
                            <sub>f</sub>Hhon g08563.t1 | OG2 |
                          <sup>991</sup>HoiH04_mRNA15127 | OG2 |
                               •HoiH06_mRNA2101 | OG2 |
                            <sup>99</sup> •HoiH23_PIH23_002368-RA | OG2 |
                              -HoiH11 mRNA230 | OG2 |
   23
                                 TrH2 TrispH2 008925-RA | OG2 |
                               <sup>100</sup> Tadh TriadT4444 | OG2 |
                          Skow_XM_006825823.1 | OG2 |
        84
                 98
                             •Spur_XM_011685657.2 | OG2 |
                          Bralan BLAG14000108 1 | OG2 |
              100
                           •Hsap ENST00000282488 | OG2 |
                             •Hsap ENST00000376673 | OG2 |
                               •Hsap ENST00000370853 | OG2 |
           100
                         •Cgig XM 011432587.3 | OG2 |
                          Acagra model.g16747.t1 model.g16748.t1.1.5d400ce7 | OG2 |
              100
                           •Tcas TC014149 003 | OG2 |
                             Dpul_mRNA14720 | OG2 |
                          •Cscu_XM_023371691.1 | OG2 |
                           *Cscu_XM_023387884.1 | OG2 |
                      -Leuniv_Lniv_C766881_01 | OG2 |
                            •Clacor_Ccor_scaffold7303_01 | OG2 |
              99
                          .com_lcpid88505 | OG2 |
                 60
                                 Scil_scict024325.1 | OG2 |
                   49
                            •Gracom_Gcom_scaffold15353_01 | OG2 |
                           Gracom Gcom C525984 01 | OG2 |
                                     <sub>|</sub>Scil_scict019153.11 | OG2 |
                                  <sup>100</sup> Lcom_lcpid239096 | OG2 |
                                  •Clacor_Ccor_scaffold10378_01 | OG2 |
                                •Lcom_lcpid130087 | OG2 |
                                                              -Leuniv_Lniv_scaffold7988_01 | OG2 |
                                                             -Lcom_lcpid49931 | OG2 |
           65
                                  -Xestes_maker-XT_scaffold125571-augustus-gene-0.7-mRNA-1 | OG2 |
                                          •Aque_Aqu2.1.43588_001 | OG2 |
                                            •Halamb_c45505_g1_i1m.19085 | OG2 |
                                             -Halamb_c25308_g1_i1m.4739 | OG2 |
                    100
                                        •Emue_Em0021g774a.t1 | OG2 |
                                     100<sup>1</sup>-Spolac_c103081_g2_i2_m.32349c103081-g2 | OG2 |
                                        Stycar_maker-SC_scaffold5851-augustus-gene-0.10-mRNA-1 | OG2 |
                           100
                               100
                                        •Tetwil_g22936.t2 | OG2 |
0.416667
```