```
Ocar_g10445 | OG0 |
                           Popea_EP00118_Oscarella_pearsei_P004632 | OG0 |
                         <sup>57</sup>Opea_EP00118_Oscarella_pearsei_P004633 | OG0 |
                                    •TrH2_TrispH2_008224-RA | OG0 |
                                       •Tadh TriadT53541 | OG0 |
                                       •HoiH11 mRNA3404 | OG0 |
 83
                            100
                                      •HoiH23 PIH23 000983-RA|OG0|
                                       <sub>r</sub>HoiH04_mRNA2708 | OG0 |
                                    <sup>100</sup> Hhon_g01632.t1 | OG0 |
     92
                                                 Pbac_sb2650759 | OG0 |
                                                  -Horcal Hcv1.av93.c1.g1605.i1 | OG0 |
                                                 94 -Pbac sb2652376 | OG0 |
                                                    Coemet Cmet C606608 01 | OG0 |
                            100
                                                            rVmul_Simscaffold14079_01 | OG0 |
                                         100
                                                         <sup>100</sup>L•Vmul_sbMO395154 | OG0 |
                                             Mertsp Mesp sb556675 | OG0 |
                                   100
                                          <sup>100</sup> Bolinf_Binf_sb1195736 | OG0 |
                                                Drygla_Dgla_sb300843 | OG0 |
                                                   Drygla_Dgla_sb300845 | OG0 |
                                                 <sup>1001</sup>Drygla_Dgla_sb300846 | OG0 |
                                                      •Lampan Lpan 10284 01 | OG0 |
                                                       -Bolinf Binf sb1232872 | OG0 |
                                                   Beraby_Baby_sb343078 | OG0 |
                                                <sup>1001</sup>•Beraby_Baby_sb343082 | OG0 |
                               Scil scict010931.1 | OG0 |
                                    Gracom Gcom scaffold3782 01 | OG0 |
                        100
                          89
                                    •Lcom_lcpid30506 | OG0 |
                                        Cscu XM 023374796.1 | OG0 |
                                      Xestes_maker-XT_scaffold25091-augustus-gene-0.3-mRNA-1 | OG0 |
                         100
                                              •Aque Aqu2.1.38535 001 | OG0 |
                                   -Stycar maker-SC scaffold6384-snap-gene-0.6-mRNA-1 | OG0 |
              99
                                          •Emue Em0888g2a.t1 | OG0 |
                   99
                                           Emue Em0020g208a.t1 | OG0 |
                                            -Emue_Em0020g221a.t1 | OG0 |
                                  100
                                         Spolac c97342 g1 i1 m.14783c97342-g1 | OG0 |
                                            Spolac c97342 g1 i2 m.14785c97342-g1 | OG0 |
                                              •Spolac c97342 g1 i3 m.14787c97342-g1 | OG0 |
                            Morvir_scaffold705.g1.t1 | OG0 |
                              •Chem_TCONS_00052660 | OG0 |
      99
               100
                                          •Hvul g31571 1 | OG0 |
                         Sanmal Sma 013269-T1 | OG0 |
        75
                        -Aaur_scaffold1179.g4.t4 | OG0 |
             100
                            Rhoesc Res 014211-T1 | OG0 |
                100
                           •Nemnom_g14817.t1 | OG0 |
                            •Bralan BLAG09001154 1 | OG0 |
              91
                                       •Hsap ENST00000556440 | OG0 |
   64
                          Skow XM 006816272.1 | OG0 |
         90
                                 Lcom Icpid244716 | OG0 |
                                    Spur XM 030998793.1 | OG0 |
           33
                                  1001-Spur XM 030985222.1 | OG0 |
                                  •Acagra model.g4644.t1 | OG0 |
                    88
     84
                                   •Acagra_model.g4642.t1 | OG0 |
                      84
                                     •Cgig XM 034448531.1 | OG0 |
                               Dgig XM 028539706.1 | OG0 |
                       100
                                 •Xesp 018685-T1 | OG0 |
                      Nvec v1g84904 | OG0 |
               100
        94
                         •Exapal_XM_021045672.2 | OG0 |
                       Gfas_gfas1.m1.17486.m1 | OG0 |
           100
                         Amil Amillepora13836-RA | OG0 |
                      <sup>1001</sup>Adig XM 015917032.1 | OG0 |
                100
                         Fspp ffun1.m4.12947.m1 | OG0 |
                         Gasp_gasp1.m3.2715.m1 | OG0 |
                         Pocdam XM 027183479.1 | OG0 |
                         Spis XP 022780591 1 | OG0 |
0.416667
```