```
<sup>99</sup> Ocar_g6680 | OG0 |
                   •Plajan_Pjan_C563770_01 | OG0 |
        99
                          Opea EP00118 Oscarella pearsei P014889 | OG0 |
                           Opea_EP00118_Oscarella_pearsei_P014891 | OG0 |
                                 Opea EP00118 Oscarella_pearsei_P014888 | OG0 |
                               Clacor_Ccor_C531953_01 | OG0 |
                                          •Gracom Gcom C557150 01 | OG0 |
                                           Scil_scict014450.1 | OG0 |
                                                   Lcom | lcpid53666 | OG0 |
                                             Leuniv Lniv scaffold15895 01 | OG0 |
   73
                    Emue Em0023g538a.t1 | OG0 |
                    -Spolac_c95557_g1_i2_m.11661c95557-g1 | OG0 |
                       Tetwil g9914.t1 | OG0 |
         100
                       Stycar maker-SC scaffold60727-augustus-gene-0.3-mRNA-1 | OG0 |
                              Xestes maker-XT scaffold34616-augustus-gene-0.2-mRNA-1 | OG0 |
                             •Halamb c46811 g1 i5mm.2071 | OG0 |
                              -Aque_Aqu2.1.39974_001 | OG0 |
                                •HoiH23_PIH23_004221-RA | OG1 |
                                •HoiH04 mRNA5897 | OG1 |
                            TrH2_TrispH2_004401-RA | OG1 |
Tadh_TriadT3592 | OG1 |
                        Tcas_TC009428_001 | OG1 |
               100
   60
                        •Tcas_TC009386_001 | OG1 |
                        Cscu XM 023355304.1 | OG1 |
                              •Dpul mRNA1809 | OG1 |
                      Hsap ENST00000257694 | OG1 |
                     Bralan BLAG05000370 1 | OG1 |
                         Spur XM 011685495.2 | OG1 |
                          Skow_XM_006819409.1 | OG1 |
                         Ctel gnl WGS AMQN CAPTEDRAFT mRNA100304 | OG1 |
                        -Acagra_model.g8629.t1.1.5d3b8595 | OG1 |
                             •Lcom lcpid206959 | OG1 |
                                Cgig_XM_011436101.3 | OG1 |
                                   •Eupdun_Edun_sb10637005 | OG2 |
                               <sup>1001</sup>Eupdun_Edun_sb10637007 | OG2 |
                                             •Vmul sbMO442158 | OG2 |
                                               •Coemet_Cmet_scaffold19649_01 | OG2 |
                       100
                                        Mertsp Mesp sb560690 | OG2 |
                                     <sup>100</sup> Mertsp Mesp sb560691 | OG2 |
                           76
                                             Mertsp Mesp sb560693 | OG2 |
                                         Bolinf_Binf_sb1201729 | OG2 |
                                    88
                                      <sup>100</sup> Mertsp_Mesp_sb560689 | OG2 |
                                76
                                            Horcal_Hcv1.av93.c5.g483.i1 | OG2 |
                                         <sup>100</sup><sup>1</sup>--Pbac_sb2665497 | OG2 |
                                            •Mlei_ML0245.g3.i1 | OG2 |
   68
                                              Beraby_Baby_sb354280 | OG2 |
                                        80
                                                •Lampan_Lpan_1931_01 | OG2 |
                                               •Drygla_Dgla_sb301056 | OG2 |
                                                       Eupdun Edun sb10622594 | OG2 |
                                                   <sup>100</sup>•Eupdun_Edun_sb10622595 | OG2 |
                                Lcom | lcpid229797 | OG2 |
                           •Morvir_scaffold596.g3.t1 | OG2 |
                       Sanmal_Sma_009440-T1 | OG2 |
             100
                         ·Aaur scaffold767.g1.t1 | OG2 |
     34
                        Rhoesc_Res_013488-T1 | OG2 |
                        •Nemnom_g9389.t1 | OG2 |
       66
                       •Xesp_003338-T1 | OG2 |
                 100
                      Dgig_XM_028542287.1 | OG2 |
                       •Nvec_v1g159749 | OG2 |
                100
                         •Exapal_XM_021042634.2 | OG2 |
                        Gfas gfas1.m1.6044.m1 | OG2 |
                          Amil Amillepora18537-RA | OG2 |
             100
                              Adig_XM_015907729.1 | OG2 |
                           <sup>1001</sup>Adig XM 015907269.1 | OG2 |
                 100
                          Fspp_ffun1.m4.2828.m1 | OG2 |
                      <sup>[100</sup><sup>[</sup>-Gasp_gasp1.m3.13875.m1 | OG2 |
                         •Spis_XP_022797707_1 | OG2 |
                      100<sup>1</sup>•Pocdam_XM_027202301.1 | OG2 |
0.416667
```