```
Clacor Ccor scaffold7697 01 | OG0 |
            100 Clacor_Ccor_scaffold7698_01 | OG0 |
             Leuniv Lniv C808940 01 | OG0 |
    100
             Gracom_Gcom_C541362_01 | OG0 |
               •Scil scict010362.3 | OG0 |
                Lcom | lcpid86947 | OG0 |
 89
                  •Plespi_Pspi_scaffold15082_01 | OG0 |
                    Xestes maker-XT scaffold3773-augustus-gene-0.22-mRNA-1 | OG0 |
         100
                100
                       •Aque_Aqu2.1.28521_001 | OG0 |
                   <sup>99</sup><sup>1</sup>-Halamb_c46016_g1_i2mm.1829 | OG0 |
            91
                   Tetwil g19214.t1 | OG0 |
                     -Stycar_maker-SC_scaffold3635-snap-gene-0.2-mRNA-1 | OG0 |
                           rEmue_Em0032g16a.t1 | OG0 |
                        <sup>[100]</sup>Emue_Em0032g6a.t1 | OG0 |
                          <u>-</u>Spolac_c101561_g1_i1_m.26005c101561-g1 | OG0 |
                        <sup>991</sup>Spolac c101561_g1_i2_m.26007c101561-g1 | OG0 |
               •Plajan_Pjan_scaffold12269_01 | OG0 |
            <sup>100</sup>Plajan_Pjan_scaffold12268_01 | OG0 |
        100
                   •Ocar_g2372 | OG0 |
            100 Opea EP00118_Oscarella_pearsei_P026395 | OG0 |
1
                     •Hvul g22982 1 | OG0 |
                      -Chem_TCONS_00066994 | OG0 |
                     •Morvir_scaffold255.g23.t1 | OG0 |
            100
                        •Sanmal_Sma_005963-T1 | OG0 |
                          Aaur scaffold242.g4.t2 | OG0 |
                           •Rhoesc Res 005691-T1 | OG0 |
                        <sup>100</sup><sup>1</sup>-Nemnom_g13030.t1 | OG0 |
        74
                  <sub>-</sub>Dgig XM 028535815.1 | OG0 |
               100 →Xesp 009602-T1 | OG0 |
                    Exapal XM 021037406.2 | OG0 |
          86
                     •Nvec v1g173264 | OG0 |
                       •Gasp_gasp1.m3.23595.m1 | OG0 |
             100
                       Pocdam_XM_027186280.1 | OG0 |
                     99<sup>1</sup>-Spis XP_022800503_1 | OG0 |
 89
                100
                       Gfas gfas1.m1.6647.m1 | OG0 |
                         Adig XM 015923563.1 | OG0 |
      94
                            Amil Amillepora12379-RA | OG0 |
                         1001-Amil Amillepora12404-RA | OG0 |
                          TrH2_TrispH2_002282-RA | OG0 |
                       <sup>1001</sup>•Tadh_TriadT53580 | OG0 |
                          •HoiH11 mRNA6935 | OG0 |
                    100
                              •HoiH06_mRNA2979 | OG0 |
                           <sup>93</sup> HoiH23_PIH23_001023-RA | OG0 |
                              <sub>f</sub>HoiH04_mRNA6195 | OG0 |
                           <sup>100</sup> Hhon g08498.t1 | OG0 |
        95
                   Ctel gnl WGS AMQN CAPTEDRAFT mRNA164034 | OG0 |
                    •Acagra_model.g5719.t1 | OG0 |
             98
                        •Cgig_XM_011443181.3 | OG0 |
                          Cscu_XM_023386221.1 | OG0 |
                               •Tcas TC004946_001 | OG0 |
                    100
   59
          100
                       100
                             -Dpul mRNA27307 | OG0 |
                    •Hsap ENST00000345264 | OG0 |
                      •Bralan_BLAG12000609_1 | OG0 |
                        <sub>•</sub>Skow_XM_002740575.2 | OG0 |
                     <sup>100</sup> Skow XM 006822573.1 | OG0 |
                          Spur XM 779942.5 | OG0 |
                       <sup>100</sup> Spur XM_030972604.1 | OG0 |
                    Vmul sbMO436493 | OG0 |
                     Coeast Cast sb791093 | OG0 |
                        Coeast Cast sb791092 | OG0 |
                          *Coemet Cmet C602273 01 | OG0 |
                             Coeast Cast sb791094 | OG0 |
                           Coeast_Cast_sb791095 | OG0 |
              100
                        Pbac sb2645395 | OG0 |
                      100 Horcal Hcv1.av93.c9.g571.i1 | OG0 |
                        Eupdun Edun sb10637477 | OG0 |
                      <sup>100</sup> Eupdun Edun_sb10637478 | OG0 |
                       •Lampan_Lpan_15287_01 | OG0 |
                             Mertsp_Mesp_sb583174 | OG0 |
                               Bolinf Binf sb1264180 | OG0 |
                             88 Bolinf Binf_sb1264181 | OG0 |
                   79
                        100
                             Mertsp Mesp sb583175 | OG0 |
                               Mertsp_Mesp_sb583172 | OG0 |
                             891 Mertsp Mesp sb583173 | OG0 |
                     93
                             Drygla Dgla sb299104 | OG0 |
                          <sup>1001</sup>-Drygla Dgla_sb299105 | OG0 |
                             Beraby_Baby_sb345798 | OG0 |
                        80
                                 •Mlei_ML1737.g14.i1 | OG0 |
                                Nmul sbMO419200 | OG0 |
                          73
                                     Mertsp Mesp sb590376 | OG0 |
                                        Mertsp Mesp sb590372 | OG0 |
                            98
                                         Mertsp_Mesp_sb590361 | OG0 |
                                          Mertsp_Mesp_sb590379 | OG0 |
                                           Mertsp_Mesp_sb590382 | OG0 |
                                            Mertsp Mesp sb590377 | OG0 |
                              98
                                              Mertsp Mesp sb590360 | OG0 |
                                               Mertsp_Mesp_sb590364 | OG0 |
                                                 Mertsp_Mesp_sb590386 | OG0 |
                                                  Mertsp_Mesp_sb590365 | OG0 |
                                                   Mertsp Mesp sb590383 | OG0 |
                                 100
                                                  1<sup>†</sup> •Mertsp Mesp sb590371 | OG0 |
                                                    <sup>1</sup>Mertsp Mesp sb590387 | OG0 |
                                       Mertsp_Mesp_sb590363 | OG0 |
                                        Mertsp_Mesp_sb590385 | OG0 |
                                         Mertsp Mesp sb590391 | OG0 |
                                          Mertsp Mesp sb590392 | OG0 |
                                            Mertsp_Mesp_sb590362 | OG0 |
                                             Mertsp_Mesp_sb590375 | OG0 |
                                            1 Mertsp_Mesp_sb590384 | OG0 |
                                          Bolinf Binf sb1276992 | OG0 |
                                           Bolinf Binf sb1276994 | OG0 |
                                            Bolinf_Binf_sb1276996 | OG0 |
                                             Bolinf_Binf_sb1276990 | OG0 |
                                             <sup>1</sup> Bolinf_Binf_sb1276999 | OG0 |
                                            Bolinf Binf sb1276991 | OG0 |
                                     68
                                             Bolinf Binf sb1276995 | OG0 |
                                               Bolinf_Binf_sb1276998 | OG0 |
                                                Bolinf_Binf_sb1276997 | OG0 |
                                               1 Bolinf Binf sb1276989 | OG0 |
                                        95
                                                Bolinf Binf sb1276993 | OG0 |
                                             Mertsp Mesp sb590367 | OG0 |
                                              Mertsp_Mesp_sb590370 | OG0 |
                                               Mertsp_Mesp_sb590373 | OG0 |
                                                 Mertsp_Mesp_sb590381 | OG0 |
                                                  Mertsp Mesp sb590388 | OG0 |
                                                   Mertsp Mesp sb590356 | OG0 |
                                                    Mertsp_Mesp_sb590355 | OG0 |
                                                     Mertsp Mesp sb590374 | OG0 |
                                                     1 Mertsp Mesp sb590359 OG0
                                                      Mertsp Mesp sb590366 | OG0 |
0.416667
```