```
•Vmul SimC401092 | OG0 |
                                   Coemet Cmet scaffold19789 01 | OG0 |
                       100
                                            Vmul SimC383324 | OG0 |
                                 -Lampan_Lpan_10946_01 | OG0 |
                100
                               Bolinf Binf sb1196665 | OG0 |
                        93
                                 Bolinf Binf sb1196664 | OG0 |
                               <sup>75</sup> Mertsp_Mesp_sb559612 | OG0 |
                     99
                                     <sub>|</sub>-Mertsp_Mesp_sb559613 | OG0 |
                                  <sup>100</sup> Bolinf_Binf_sb1311309 | OG0 |
                                  Pbac sb2659929 | OG0 |
                        100
                                     Horcal Hcv1.av93.c5.g75.i4 | OG0 |
  100
                                   <sup>100</sup> Horcal Hcv1.av93.c5.g75.i5 | OG0 |
           Eupdun_Edun_sb10652727 | OG0 |
         <sup>1001</sup>•Eupdun_Edun_sb10652728 | OG0 |
                 -Lampan Lpan C419111 01 | OG0 |
                 •Mertsp Mesp sb541586 | OG0 |
                        •Vmul Simscaffold5152 01 | OG0 |
            80
      100
                    Coeast_Cast_sb774732 | OG0 |
              100
                      Coemet_Cmet_C605788_01 | OG0 |
                        <sub>s</sub>Coeast_Cast_sb774734 | OG0 |
                      98 Coeast Cast_sb774733 | OG0 |
         100
                    •Pbac sb2666807 | OG0 |
                    Pbac_sb2666806 | OG0 |
              100
                 <sup>100</sup> Horcal_Hcv1.av93.c5.g448.i1 | OG0 |
                   Mertsp Mesp sb519350 | OG0 |
           95
                <sup>1001</sup>Beraby Baby_sb347723 | OG0 |
                  •Mlei_ML0029.g1.i1 | OG0 |
                    Bolinf Binf sb1288992 | OG0 |
                      r•Mertsp_Mesp_sb614892 | OG0 |
                        _Mertsp_Mesp_sb578390 | OG0 |
                      <sup>97</sup> Bolinf Binf_sb1288986 | OG0 |
                •Plajan Pjan C569916 01 | OG0 |
                  Popea_EP00118_Oscarella_pearsei_P028332 | OG0 |
         100
               86
                    Clacor Ccor scaffold15140 01 | OG0 |
                              •Gracom Gcom scaffold15488 01 | OG0 |
            100
                    99
                              •Leuniv_Lniv_scaffold24320_01 | OG0 |
                 100
                          •Leuniv_Lniv_scaffold18541_01 | OG0 |
     80
                           Lcom | lcpid38409 | OG0 |
                        <sup>1001</sup>Lcom | lcpid39125 | OG0 |
                •Plespi Pspi scaffold9897 01 | OG0 |
                         •Aque_Aqu2.1.21013_001 | OG0 |
                 100
                       -Xestes_maker-XT_scaffold5918-snap-gene-0.4-mRNA-1 | OG0 |
       100
                   rStycar_maker-SC_scaffold129591-snap-gene-0.1-mRNA-1 | OG0 |
          100
                     rStycar_maker-SC_scaffold140534-augustus-gene-0.5-mRNA-1 | OG0 |
                   981 Stycar maker-SC scaffold5428-snap-gene-0.34-mRNA-1 | OG0 |
             99
                       •Tetwil g15690.t2 | OG0 |
                          -Spolac_c96346_g1_i2_m.12948c96346-g1 | OG0 |
               95
                       <sup>100</sup> Spolac_c96346_g1_i3_m.12949c96346-g1 | OG0 |
                          •Emue Em0023g748a.t1 | OG0 |
                            -Spolac c99523 g1 i3 m.19904c96346-g1 | OG0 |
                              Spolac_c99523_g1_i2_m.19903c96346-g1 | OG0 |
                                -Spolac_c99523_g1_i1_m.19902c96346-g1 | OG0 |
  100
                      Cscu XM 023385241.1 | OG0 |
             99
                                   Cscu XM 023359327.1 | OG0 |
          100
                               •Tcas TC003554 001 | OG0 |
              100
                                 •Dpul mRNA28539 | OG0 |
       100
                   •Hsap_ENST00000319980 | OG0 |
                       Ctel gnl WGS AMQN CAPTEDRAFT mRNA226263 | OG0 |
                       Cgig XM 034475293.1 | OG0 |
              100
                       •Acagra model.g7034.t1 | OG0 |
                    -Bralan_BLAG01000386_1 | OG0 |
                    -Skow_XM_006822604.1 | OG0 |
                      -Spur_XM_030995221.1 | OG0 |
               ⊸Dgig_XM_028554334.1 | OG0 |
                  •Xesp 005323-T1 | OG0 |
                  Nvec v1g1996 | OG0 |
     88
                    -Nvec NVE14716 | OG0 |
         85
                   Exapal_XM_021056593.2 | OG0 |
                    •Nvec NVE14717 | OG0 |
                    Gfas gfas1.m1.4825.m1 | OG0 |
           98
                      Amil Amillepora20137-RA | OG0 |
                       -Adig XM 015913953.1 | OG0 |
                      •Pocdam_XM_027188271.1 | OG0 |
                  <sup>100</sup> Spis_XP_022796082_1 | OG0 |
                     •Fspp ffun1.m4.27033.m1 | OG0 |
       83
                       -Fspp_ffun1.m4.17453.m1 | OG0 |
                     951-Gasp_gasp1.m3.11086.m1 | OG0 |
                       <sub>•</sub>Hhon_g02978.t1 | OG0 |
                    <sup>100</sup> HoiH04 mRNA11229 | OG0 |
                        HoiH23 PIH23 009064-RA | OG0 |
                      •HoiH11_mRNA3025 | OG0 |
                           TrH2_TrispH2_010145-RA | OG0 |
                        <sup>100</sup>¹Tadh TriadT56242 | OG0 |
         67
                                 -Hvul g30240 1 | OG0 |
                             •Hvul_g30238_1 | OG0 |
                99
                        •Chem_TCONS_00072411 | OG0 |
                    •Morvir_scaffold300.g3.t2 | OG0 |
           78
                       Aaur_scaffold150.g21.t1 | OG0 |
                        •Sanmal Sma 001619-T1 | OG0 |
                                           --Morvir_scaffold170.g46.t1 | OG0 |
                       •Aaur_scaffold150.g19.t1 | OG0 |
                       •Nemnom_g5970.t1 | OG0 |
                    99<sup>1</sup>•Rhoesc Res 008296-T1 | OG0 |
0.416667
```