```
•Vmul SimC402686 | OG0 |
                Coemet Cmet scaffold17514 01 | OG0 |
               Lampan_Lpan_9365_01 | OG0 |
        100
                   Beraby_Baby_sb345262 | OG0 |
           100
                    Mlei ML1117.g12.i1 | OG0 |
                   Pbac_sb2662569 | OG0 |
                     Pbac sb2653623 | OG0 |
                   <sup>77]</sup>Horcal_Hcv1.av93.c6.g1151.i1 | OG0 |
 49
                              Lcom_lcpid84037 | OG0 |
                                Lcom lcpid85707 | OG0 |
                              31 Lcom | lcpid63512 | OG0 |
              100
                                          -Leuniv_Lniv_scaffold12386_01 | OG0 |
                                           •Gracom_Gcom_scaffold15095_01 | OG0 |
                                             Scil scict012883.1 | OG0 |
   59
                       TrH2_TrispH2_008097-RA | OG0 |
                   100 Tadh TriadT28493 | OG0 |
                      •HoiH11_mRNA3741 | OG0 |
                 100
                        •HoiH23_PIH23_008360-RA | OG0 |
                           •HoiH06 mRNA9359 | OG0 |
                            Hhon g06849.t1 | OG0 |
                          <sup>98</sup> HoiH04_mRNA13387 | OG0 |
                              •Clacor_Ccor_scaffold4770_01 | OG0 |
                   Plajan_Pjan_scaffold20109_01 | OG0 |
                <sup>100</sup>-Plajan_Pjan_scaffold20110_01 | OG0 |
                     ·Opea EP00118 Oscarella pearsei P013862 | OG0 |
          98
   38
                      Opea_EP00118_Oscarella_pearsei_P013860 | OG0 |
                        Popea_EP00118_Oscarella_pearsei_P013861 | OG0 |
                      <sup>691</sup>-Opea_EP00118_Oscarella_pearsei_P013859 | OG0 |
     69
                    •Plespi_Pspi_scaffold20216_01 | OG0 |
                    •Spolac c78050 g1 i1 m.2000c112428-g1 | OG0 |
                   Stycar maker-SC scaffold1966-snap-gene-0.74-mRNA-1 | OG0 |
                 <sup>991</sup>•Stycar_maker-SC_scaffold95184-augustus-gene-0.5-mRNA-1 | OG0 |
       90
                         Xestes maker-XT scaffold4275-augustus-gene-0.28-mRNA-1 | OG0 |
                        <sub>e</sub>Halamb_c37593_g2_i2m.10189 | OG0 |
              100
                     <sup>100</sup>•Halamb_c37593_g1_i1m.10188 | OG0 |
                          •Aque Aqu2.1.11354 001 | OG0 |
                           -Aque_Aqu2.1.07652_001 | OG0 |
                             Aque_Aqu2.1.25027_001 | OG0 |
                           <sup>801</sup>-Aque _Aqu2.1.13489_001 | OG0 |
                  •Hsap_ENST00000371839 | OG0 |
        48
               •Bralan_BLAG13101158_1 | OG0 |
                Skow XM 006816069.1 | OG0 |
                       •Spolac_c112428_g1_i1_m.46050c112428-g1 | OG0 |
     63
                  Spur XM 030996164.1 | OG0 |
                    39
                      Cgig_XM_011438840.3 | OG0 |
            100
               100
                     Acagra model.g7453.t1 model.g7454.t1.1.5d400882 | OG0 |
          28
                                      Cscu XM 023356604.1 | OG0 |
                                     •Tcas_TC004647_001 | OG0 |
                   100
                                                •Dpul mRNA434 | OG0 |
   55
                         •Xesp_000298-T1 | OG0 |
                        •Xesp 000299-T1 | OG0 |
              100
                       •Dgig XM 028550487.1 | OG0 |
                       -Chem_TCONS_00071917 | OG0 |
                    Morvir_scaffold448.g4.t1 | OG0 |
                        •Sanmal_Sma_007525-T1 | OG0 |
                      -•Nemnom_g1841.t1 | OG0 |
                   <sup>100</sup>-Rhoesc_Res_012007-T1 | OG0 |
               Nvec v1g160416 | OG0 |
                Exapal_XM_021040417.2 | OG0 |
        100
                Amil Amillepora22565-RA | OG0 |
                 Gasp_gasp1.m3.28682.m1 | OG0 |
           100
                   •Gfas_gfas1.m1.20376.m1 | OG0 |
                     Fspp ffun1.m4.11028.m1 | OG0 |
                       -Spis_XP_022803519_1 | OG0 |
                    <sup>1001</sup>•Pocdam_XM_027204503.1 | OG0 |
0.416667
```