```
•Lcom | lcpid209045 | OG0 |
                •Bralan_BLAG15000957_1 | OG0 |
                     •Hsap_ENST00000339365 | OG0 |
       95
   89
                         •Hsap_ENST00000280551 | OG0 |
                    Spur XM 778635.5 | OG0 |
                   Skow XM 002735988.2 | OG0 |
                         •Dpul mRNA16318 | OG0 |
               98
                         •Tcas_TC034974_001 | OG0 |
       75
                             Cscu XM 023356973.1 | OG0 |
                       •Cscu XM 023356978.1 | OG0 |
                    <sup>1001</sup>Cscu_XM_023356971.1 | OG0 |
                      •Lcom_lcpid245104 | OG0 |
                      ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA210583 | OG0 |
 99
            99
                      •Cgig_XM_034459173.1 | OG0 |
                      •Acagra model.g3309.t1 | OG0 |
              85
                         Lcom Icpid184539 | OG0 |
                   •Hvul_g948_1 | OG0 |
           100
                  -Chem_TCONS_00051239 | OG0 |
                •Morvir_scaffold287.g5.t1 | OG0 |
      100
                  Sanmal Sma 011056-T1 | OG0 |
                     •Aaur_scaffold484.g6.t6 | OG0 |
            100
                     •Rhoesc_Res_000623-T1 | OG0 |
               100
                        •Nemnom_g19499.t1 | OG0 |
                  100
    98
                     <sup>100</sup> Nemnom_g19733.t1 | OG0 |
                   •Dgig XM 028548087.1 | OG0 |
             100
                   •Xesp 015730-T1 | OG0 |
                  •Nvec_v1g103120 | OG0 |
      99
                  Exapal_XM_021038256.2 | OG0 |
           100
                <sup>1001</sup>Exapal_XM_028659527.1 | OG0 |
                  Amil Amillepora06796-RA | OG0 |
        100
                <sup>100</sup><sup>1</sup>-Adig XM_015902535.1 | OG0 |
                    Gfas gfas1.m1.1680.m1 | OG0 |
             100
                        -Spis_XP_022800862_1 | OG0 |
                     <sup>100</sup><sup>1</sup>-Pocdam_XM_027183210.1 | OG0 |
                        •Fspp ffun1.m4.29856.m1 | OG0 |
                  100
                           Gasp_gasp1.m3.24399.m1 | OG0 |
                              •Gfas gfas1.m1.9301.m1 | OG0 |
                        -HoiH11_mRNA5828 | OG1 |
                            •TrH2_TrispH2_007349-RA | OG1 |
                         <sup>100</sup> Tadh TriadT29202 | OG1 |
                              •HoiH23 PIH23 007658-RA | OG1 |
                           Hhon_g09025.t1 | OG1 |
                           Plajan Pjan scaffold23360_01 | OG1 |
                          Opea_EP00118_Oscarella_pearsei_P012789 | OG1 |
              100
                                  Opea_EP00118_Oscarella_pearsei_P012790 | OG1 |
                       100
                              Opea_EP00118_Oscarella_pearsei_P020760 | OG1 |
                          66
                                Opea EP00118 Oscarella pearsei P001219 | OG1 |
       92
                              82<sup>1</sup>Ocar_g2368 | OG1 |
                        ·Clacor Ccor scaffold2646 01 | OG1 |
                             Gracom_Gcom_C560308_01 | OG1 |
 99
             100
                               •Leuniv_Lniv_scaffold6140_01 | OG1 |
                     100
                                  Lcom lcpid26354 | OG1 |
     84
                                 •Gracom_Gcom_scaffold9133_01 | OG1 |
                                Scil scict020186.2 | OG1 |
                         •Plespi Pspi C612648 01 | OG1 |
                      •Tetwil_g24332.t2 | OG1 |
          100
                            Xestes maker-XT scaffold12441-augustus-gene-0.10-mRNA-1 | OG1 |
                               •Aque_Aqu2.1.43829_001 | OG1 |
             76
                               -Halamb c46631_g2_i1m.20943 | OG1 |
                               •Tetwil_g24342.t2 | OG1 |
                86
                              stycar_maker-SC_scatfold3452-snap-gene-0.7-mRNA-1 | OG1 |
                               Tetwil g24347.t2 | OG1 |
                  84
                      96
   97
                             <sup>100</sup>└-Tetwil g24345.t2 | OG1 |
                    92
                              •Emue Em0021g26a.t1 | OG1 |
                                Spolac_c104182_g1_i3_m.38663c104182-g1 | OG1 |
                                  rSpolac_c104182_g1_i2_m.38662c104182-g1 | OG1 |
                                <sup>76</sup> Spolac_c104182_g1_i1_m.38661c104182-g1 | OG1 |
                          Pbac sb2645254 | OG1 |
                            Horcal Hcv1.av93.c1.g148.i1 | OG1 |
                               •Pbac_sb2648654 | OG1 |
                                Pbac_sb2647672 | OG1 |
                              67<sup>1</sup>Horcal Hcv1.av93.c1.g148.i2 | OG1 |
                    100
                           •Bolinf Binf sb1305501 | OG1 |
                              •Mertsp_Mesp_sb561731 | OG1 |
                                  Beraby_Baby_sb348677 | OG1 |
                           50
                                     Bolinf Binf sb1263039 | OG1 |
                       81
                             80
                                  <sup>1001</sup>Mertsp_Mesp_sb577990 | OG1 |
                                100
                                     Mlei ML2820.g8.i1 | OG1 |
                                   <sup>100</sup> Vmul_sbMO371383 | OG1 |
                         62
                                  Lampan_Lpan_15521_01 | OG1 |
                                      Coemet_Cmet_scaffold3544_01 | OG1 |
                                  100 Coeast Cast sb789723 | OG1 |
                                100
                                       •Vmul Simscaffold15624 01 | OG1 |
                                       •Coeast Cast sb789725 | OG1 |
                                  -Mertsp_Mesp_sb551514 | OG1 |
                                    •Eupdun_Edun_sb10674257 | OG1 |
                                        Eupdun_Edun_sb10674266 | OG1 |
                                          Eupdun Edun sb10674276 | OG1 |
                                        82 Eupdun Edun sb10674267 | OG1 |
                                        Eupdun_Edun_sb10674256 | OG1 |
                                          Eupdun_Edun_sb10674262 | OG1 |
                                            Eupdun_Edun_sb10674269 | OG1 |
                                             -Eupdun Edun sb10674277 | OG1 |
                                            66 Eupdun_Edun_sb10674264 | OG1 |
0.416667
```