```
Lcom | lcpid157849 | OG0 |
            68

    -Xestes augustus masked-XT scaffold48904-processed-gene-0.0-mRNA-1 | OG0 |

                 •Plespi_Pspi_scaffold16756_01 | OG0 |
                  |Spolac=c100096_g1_i1_m.21494c100096-g1|OG0
             100
                             •Emue Em0018g78a.t1 | OG0 |
     74
                    •Tetwil g25260.t2 | OG0 |
                        •Tetwil_g25259.t2 | OG0 |
               100
         74
                        -Tetwil g25256.t2 | OG0 |
                     1001-Tetwil_g25258.t1 | OG0 |
           69
                            Stycar_maker-SC_scaffold132922-augustus-gene-0.2-mRNA-1 | OG0 |
                           Stycar_snap_masked-SC_scaffold114138-processed-gene-0.6-mRNA-1 | OG0 |
                          <sub>e</sub>Halamb_c55062_g2_i2mm.6318 | OG0 |
                       <sup>1001</sup>Halamb c54947 g2 i2mm.6258 | OG0 |
                          •Aque_Aqu2.1.18819_001 | OG0 |
                          •Halamb_c31660_g1_i1m.6759 | OG0 |
              Clacor Ccor scaffold2005 01 | OG1 |
              •Leuniv Lniv scaffold25199 01 | OG1 |
    100
                 -Lcom_lcpid106978 | OG1 |
         99
              <sup>100</sup> Lcom_lcpid87956 | OG1 |
                   •Scil_scict010140.1 | OG1 |
                         •Gracom_Gcom_scaffold317_01 | OG1 |
                     -Gracom_Gcom_scaffold7613_01 | OG1 |
                  <sup>99</sup>Gracom Gcom_scaffold7614_01 | OG1 |
                      Vmul_Simscaffold13016_01 | OG2 |
                      Coeast_Cast_sb778886 | OG2 |
               100
                   <sup>100</sup><sup>1</sup>-Coemet Cmet scaffold9255_01 | OG2 |
                              •Eupdun_Edun_sb10622780 | OG2 |
            100
                       Lampan Lpan 9291 01 | OG2 |
 73
                           -Bolinf_Binf_sb1223328 | OG2 |
                99
                                Drygla_Dgla_sb282812 | OG2 |
                  100
                         Mertsp_Mesp_sb568327 | OG2 |
                           Bolinf_Binf_sb1216893 | OG2 |
                         62 Mertsp Mesp sb568326 | OG2 |
                      •Plajan_Pjan_C560492_01 | OG2 |
                          •Morvir_scaffold243.g34.t1 | OG2 |
         84
                           •Morvir scaffold558.g8.t1 | OG2 |
                          Aaur scaffold386.g13.t1 | OG2 |
             94
                           Nemnom g14947.t1 | OG2 |
                    100
                       <sup>100</sup>Ū-Rhoesc_Res_010707-T1 | OG2 |
               80
   78
                                  •Hvul_g20515_1 | OG2 |
                             Chem_TCONS_00002049 | OG2 |
       72
                   100
                            Hvul g20513 1 | OG2 |
                                         •Hvul_g20514_1 | OG2 |
                   •Dgig_XM_028536183.1 | OG2 |
              100
                    •Xesp 007181-T1 | OG2 |
                     •Exapal_XM_021059873.2 | OG2 |
                     •Nvec_v1g199237 | OG2 |
         90
                  <sup>100</sup> Nvec_v1g179729 | OG2 |
                       Gfas_gfas1.m1.17177.m1 | OG2 |
            100
                          -Amil_Amillepora10744-RA | OG2 |
                     <sup>100</sup> •Adig_XM_015899614.1 | OG2 |
     70
                        •Pocdam_XM_027196582.1 | OG2 |
               100
                          -Spis_XP_022786688_1 | OG2 |
                       -Fspp_ffun1.m4.31098.m1 | OG2 |
                         Fspp_ffun1.m4.30352.m1 | OG2 |
                       <sup>98</sup> Gasp_gasp1.m3.1875.m1 | OG2 |
                    •Hsap_ENST00000366510 | OG2 |
                          •Bralan BLAG04000878 1 | OG2 |
              30
                       Skow_XM_002732488.2 | OG2 |
                           -Tadh_wf_g11823.t1 | OG2 |
                            rTrH2_TrispH2_001660-RA | OG2 |
                          72 Tadh TriadT63283 | OG2 |
       61
                              H23_PIH23_001623-RA | OG2 |
                               <sub>r</sub>Hhon_g00997.t1 | OG2 |
                            <sup>100</sup> HoiH04_mRNA9094 | OG2 |
                                •Hhon g00998.t1 | OG2 |
          34
                                 <sub>•</sub>Hhon_g00999.t1 | OG2 |
                              <sup>100</sup> HoiH04 mRNA11495 | OG2 |
                        -Bralan_BLAG90000812_1 | OG2 |
                         •Acagra model.g15596.t1 | OG2 |
                             <sub>r</sub>-Lcom_lcpid144692 | OG2 |
                          100 Lcom | lcpid144710 | OG2 |
                             •Ctel gnl WGS AMQN CAPTEDRAFT mRNA155386 | OG2 |
            42
                             Lcom_lcpid217102 | OG2 |
                              •Cgig XM 011430532.2 | OG2 |
                              •Dpul_mRNA14688 | OG2 |
              73
                       100
                            •Dpul mRNA14697 | OG2 |
                                                 Lcom | lcpid246631 | OG2 |
                                   Tcas_TC034547_001 | OG2 |
                             100
                                   •Tcas_TC032032_001 | OG2 |
                53
                                    Lcom_lcpid194807 | OG2 |
                                  <sup>73</sup> Lcom | lcpid123211 | OG2 |
                                    •Cscu_XM_023360527.1 | OG2 |
                  59
                                      •Cscu_XM_023368587.1 | OG2 |
                           100
                                  Cscu XM 023360528.1 | OG2 |
                                    •Cscu_XM_023375287.1 | OG2 |
                                      •Cscu XM 023368606.1 | OG2 |
0.416667
```