```
•Nvec_v1g156799 | OG0 |
                               Xestes_augustus_masked-XT_scaffold108553-processed-gene-0.1-mRNA-1 | OG0 |
      78
                                                -Spis XP 022778101 1 | OG0 |
            100
                                                      -Nvec_v1g222375 | OG0 |
                     100
                              93
                                               •Tadh TriadT34900 | OG0 |
  100
                        Eupdun Edun sb10665664 | OG0 |
                             •Vmul sbMO395455 | OG0 |
                                -Coemet_Cmet_scaffold12440_01 | OG0 |
                       88
                            100 Coeast_Cast_sb777186 | OG0 |
                 100
                                     •Coeast Cast sb786072 | OG0 |
                         86
                                  Coemet Cmet scaffold20179 01 | OG0 |
                     88
                                <sup>95</sup>□-Coeast_Cast_sb786070 | OG0 |
                             Lampan Lpan 14268 01 | OG0 |
                                -Bolinf_Binf_sb1274886 | OG0 |
                       53
                                -•Mlei ML0135.g10.i1 | OG0 |
                                -Mertsp Mesp sb553100 | OG0 |
                         54
                                     Horcal Hcv1.av93.c7.g447.i1 | OG0 |
                                       Pbac sb2657763 | OG0 |
                            52
                                 100
                                     <sup>100</sup>-Pbac_sb2657764 | OG0 |
                              100
                                               •Pbac sb2654540 | OG0 |
                                          •Horcal Hcv1.av93.c11.g427.i1 | OG0 |
                                       <sup>100</sup> Pbac_sb2654419 | OG0 |
                      Emue Em0019g157a.t1 | OG1 |
                   <sup>100</sup> -Emue Em0819g5a.t1 | OG1 |
                                                   -Lampan_Lpan_C397605_01 | OG1 |
                                                      Lampan Lpan C397803 01 | OG1 |
                                                            •Coemet_Cmet_scaffold3838_01 | OG1 |
                                            100
                                                               Coeast_Cast_sb789934 | OG1 |
                                                           100 Coeast_Cast_sb789932 | OG1 |
                                                         -Pbac sb2664899 | OG1 |
                                                           Horcal Hcv1.av93.c13.g681.i1 | OG1 |
  100
                                                          99<sup>1</sup>•Horcal _Hcv1.av93.c13.g681.i2 | OG1 |
                                                         Mertsp_Mesp_sb538197 | OG1 |
                                                 75
                                                      <sup>100</sup> Bolinf_Binf_sb1225395 | OG1 |
                                                           Bolinf Binf sb1225394 | OG1 |
                                                         <sup>100</sup> Mertsp_Mesp_sb554933 | OG1 |
                                                            •Mlei ML0090.g2.i1 | OG1 |
                                                              <sub>!</sub>Bolinf_Binf_sb1216866 | OG1 |
      100
                                                           <sup>100</sup> Mertsp _Mesp_sb519018 | OG1 |
                        •Tcas_TC033271_001 | OG1 |
                         Ctel gnl WGS AMQN CAPTEDRAFT mRNA218038 | OG1 |
                          •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA150193 | OG1 |
                 98
                            -Ctel gnl WGS AMQN CAPTEDRAFT mRNA199593 | OG1 |
                         1001 Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA170790 | OG1 |
                                 Lcom | lcpid228672 | OG1 |
              88
                             Cgig XM 034454964.1 | OG1 |
                             •Acagra_model.g19783.t1 | OG1 |
                           •Bralan_BLAG10000952_1 | OG1 |
                 46
                                 •Bralan_BLAG05000280_1 | OG1 |
                     90
          98
                            <sup>100</sup> Bralan BLAG08001155_1 | OG1 |
                              •Skow_XM_002732762.2 | OG1 |
                                 •Hsap_ENST00000175506 | OG1 |
                               -Spur_XM_030990812.1 | OG1 |
                            <sup>100</sup> Spur_XM_030990811.1 | OG1 |
                                   <sub>!</sub>Spur_XM_030993303.1 | OG1 |
                                 <sup>100</sup> Spur_XM_030990355.1 | OG1 |
                           Clacor_Ccor_scaffold5716_01 | OG1 |
            89
                             •Lcom_lcpid56137 | OG1 |
                   100
                                  -Gracom_Gcom_scaffold16505_01 | OG1 |
                        100
                                      •Scil scict000496.1 | OG1 |
                              41<sup>L</sup>-Leuniv_Lniv_C812738_01 | OG1 |
                 92
                            Plajan Pjan scaffold3545 01 | OG1 |
                                 —•Plajan_Pjan_scaffold3544_01 | OG1 |
                            92 Plajan_Pjan_scaffold3548_01 | OG1 |
                                                      Lcom lcpid251205 | OG1 |
                    92
                               Opea_EP00118_Oscarella_pearsei_P026063 | OG1 |
                             <sup>66</sup> Ocar_g3143 | OG1 |
                               •Tetwil_g2933.t1 | OG1 |
                              Stycar maker-SC scaffold134424-augustus-gene-0.7-mRNA-1 | OG1 |
                                 •Stycar_maker-SC_scaffold18333-snap-gene-0.3-mRNA-1 | OG1 |
              90
                                      •Stycar_maker-SC_scaffold120534-snap-gene-0.19-mRNA-1 | OG1 |
                                            Stycar_maker-SC_scaffold112848-snap-gene-0.19-mRNA-1 | OG1 |
                           •Sanmal_Sma_006049-T1 | OG1 |
                           _•Nemnom_g2050.t1 | OG1 |
                         <sup>98</sup>-Rhoesc_Res_005026-T1 | OG1 |
                    95
                            •Morvir scaffold27.g48.t1 | OG1 |
                                 •Hvul_g18250_1 | OG1 |
                                 •Chem_TCONS_00070869 | OG1 |
                                                     •Gfas_gfas1.m1.14523.m1 | OG1 |
                             •Dgig XM 028538042.1 | OG1 |
                          100 →Xesp 009752-T1 | OG1 |
                             Exapal XM 021057927.2 | OG1 |
                   88
                             •Nvec_v1g163815 | OG1 |
                                    •Nvec_NVE4409 | OG1 |
                                Gfas_gfas1.m1.14520.m1 | OG1 |
                     97
                               •Gfas_gfas1.m1.17464.m1 | OG1 |
                                 Amil Amillepora11036-RA | OG1 |
                       98
                              <sup>100</sup> •Adig_XM_015923773.1 | OG1 |
                                 -Fspp_ffun1.m4.3906.m1 | OG1 |
                              <sup>65</sup>-Gasp_gasp1.m3.17116.m1 | OG1 |
                                 -Spis XP 022787289 1 | OG1 |
                              1001-Pocdam XM 027186305.1 | OG1 |
0.416667
```