```
-Aque Aqu2.1.39835 001 | OG0 |
99
         -Aque_Aqu2.1.03728_001 | OG0 |
      Aque_Aqu2.1.01677_001 | OG0 |
          Aque_Aqu2.1.33131_001 | OG0 |
                                        •Aque_Aqu2.1.33135_001 | OG0 |
              Aque_Aqu2.1.33132_001 | OG0 |
            961 Aque Aqu2.1.33133 001 | OG0
      •Halamb_c52670_g1_i1m.33660 | OG0 |
       Xestes_maker-XT_scaffold1913-augustus-gene-0.3-mRNA-1 | OG0 |
        •Tetwil g6129.t1 | OG0 |
          Stycar_maker-SC_scaffold2928-augustus-gene-0.32-mRNA-1 | OG0 |
               -Xestes_maker-XT_scaffold1194-augustus-gene-0.4-mRNA-1 | OG0 |
               •Spolac_c95465_g1_i1_m.11528c78947-g2 | OG0 |
        88
  89
                 -Spolac_c78947_g2_i1_m.2248c78947-g2 | OG0 |
          100
                 _•Emue_Em0015g104a.t1 | OG0 |
                <sup>90</sup><sup>1</sup>-Spolac_c95465_g2_i1_m.11529c78947-g2 | OG0 |
    86
                  •Plespi_Pspi_scaffold12412_01 | OG0 |
                       •Lcom_lcpid52619 | OG0 |
                          •Gracom_Gcom_C559910_01 | OG0 |
                100
                         -Leuniv Lniv_C811756_01 | OG0 |
                         •Dgig_XM_028540628.1 | OG0 |
      86
                 100
                           •Xesp_004989-T1 | OG0 |
               49
                                          •Spis_Spis25222_1 | OG0 |
                                             Xestes_augustus_masked-XT_scaffold66439-processed-gene-0.0-mRNA-1 | OG0 |
                            Vmul Simscaffold14834 01 | OG0 |
             55
                              -Coemet_Cmet_scaffold21134_01 | OG0 |
                              Coeast_Cast_sb762916 | OG0 |
                     99
                             Coemet_Cmet_scaffold15690_01 | OG0 |
                                •Lampan_Lpan_7145_01 | OG0 |
                                    •Eupdun Edun sb10638669 | OG0
        99
                                    Horcal_Hcv1.av93.c3.g40.i1 | OG0 |
                          63
                                      •Pbac_sb2645493 | OG0 |
                                    Drygla_Dgla_sb306291 | OG0 |
                                            •Pbac_sb2665966 | OG0 |
                                           Beraby_Baby_sb335045 | OG0 |
                                          -Beraby_Baby_sb324197 | OG0 |
                                        •Bolinf_Binf_sb1218065 | OG0 |
                                         •Mlei ML1397.g6.i1 | OG0 |
                                        •Mertsp_Mesp_sb552337 | OG0 |
                                         -Mlei_ML1397.g4.i1 | OG0 |
                                            Bolinf_Binf_sb1302994 | OG0 |
                                         <sup>100</sup> Mertsp_Mesp_sb552338 | OG0 |
                             Opea_EP00118_Oscarella_pearsei_P017074 | OG0 |
                          <sup>57</sup>Ū-Ocar_g10906 | OG0 |
                       100
                            Ocar_g10905 | OG0 |
                              _Ocar_g830 | OG0 |
                            89 Opea_EP00118_Oscarella_pearsei_P017072 | OG0 |
                             -Bralan_BLAG01001691_1 | OG0 |
               26
                              •Skow XM 002738431.2 | OG0 |
                             •Spur_XM_790196.5 | OG0 |
                              -Hsap_ENST00000316519 | OG0 |
                               <sub>|</sub>Cscu_XM_023376974.1 | OG0 |
                            <sup>1001</sup>•Cscu XM_023376966.1 | OG0 |
                               Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA221361 | OG0 |
                                      •Acagra_model.g26225.t1 | OG0 |
                                   •Acagra model.g26222.t1 | OG0 |
                                •Cgig_XM_011430024.3 | OG0 |
                              •Hvul_g14425_1 | OG0 |
                                 •Chem TCONS 00024002 | OG0 |
                                  •Hvul_g14423_1 | OG0 |
                      78
                                 Clacor_Ccor_C501735_01 | OG0 |
                   58
                              •Morvir_scaffold228.g7.t1 | OG0 |
                               •Sanmal Sma 019040-T1|OG0|
                                -Aaur scaffold69.g37.t2 | OG0 |
                                  Nemnom g15219.t1 | OG0 |
                              <sup>100</sup><sup>1</sup>-Rhoesc_Res_006169-T1 | OG0 |
                                  -HoiH11_mRNA7105 | OG0 |
                                   TrH2 TrispH2 006661-RA | OG0 |
                                 <sup>100</sup><sup>1</sup>Tadh TriadT26822 | OG0 |
                                   •HoiH23 PIH23 005136-RA | OG0 |
                                <sup>100</sup> HoiH06_mRNA7261 | OG0 |
                                   Hhon_g03617.t1 | OG0 |
                                <sup>100</sup> HoiH04 mRNA11848 | OG0 |
                           •Nvec v1g170196 | OG0 |
                           Exapal_XM_021059089.2 | OG0 |
                              •Gfas_gfas1.m1.13553.m1 | OG0 |
                                Amil Amillepora25007-RA | OG0 |
                              <sup>100</sup> Adig _XM_015899410.1 | OG0 |
                                •Fspp ffun1.m4.12341.m1 | OG0 |
                        100
                                 Gasp gasp1.m3.25522.m1 | OG0 |
                                •Pocdam_XM_027198105.1 | OG0 |
                                  -Pocdam_XM_027200495.1 | OG0 |
                                <sup>77</sup> Spis XP 022790607 1 | OG0 |
```

0.416667

Aque\_Aqu2.1.05445\_001 | OG0 |