```
•Morvir scaffold10.g101.t1 | OG0 |
               •Morvir_scaffold17.g48.t1 | OG0 |
                   •Sanmal_Sma_025432-T1 | OG0
      99
                      •Aaur_scaffold241.g16.t2 | OG0 |
                        •Nemnom_g1960.t1 | OG0 |
                   <sup>100</sup><sup>1</sup>-Rhoesc_Res_011113-T1 | OG0 |
                                 •Xesp_022719-T1 | OG0 |
              •Nvec v1g172704 | OG0 |
     83
               •Exapal_XM_021045914.1 | OG0 |
             Gfas gfas1.m1.6412.m1 | OG0 |
              •Adig_XM_015895751.1 | OG0 |
   92
       100
                   •Adig_XM_015911441.1 | OG0 |
                    •Amil_Amillepora08621-RA | OG0 |
     99
                 Gfas_gfas1.m1.15486.m1 | OG0 |
                 Gasp_gasp1.m3.3888.m1 | OG0 |
                       •Gasp_gasp1.m3.3889.m1 | OG0 |
              Fspp_ffun1.m4.10143.m1 | OG0 |
                Pocdam_XM_027183328.1 | OG0 |
                   •Spis_XP_022791730_1 | OG0 |
                        •Spis_XP_022804853_1 | OG0 |
                       <sub>!</sub>TrH2_TrispH2_003829-RA | OG0 |
                    <sup>100</sup><sup>1</sup>Tadh_TriadT55571 | OG0 |
                         -HoiH23_PIH23_001680-RA | OG0 |
                      <sub>!</sub>Hhon_g02486.t1 | OG0 |
                      <sup>1</sup>00<sup>1</sup>HoiH04_mRNA6817 | OG0 |
            <sub>•</sub>TrH2_TrispH2_003830-RA | OG0 |
   98
         <sup>100</sup> Tadh TriadT23710 | OG0 |
                  <sub>!</sub>Hhon_g02487.t1 | OG0 |
               <sup>100</sup> HoiH04_mRNA6820 | OG0 |
                 -HoiH06 mRNA7476 | OG0 |
      100
                   <sub>"</sub>HoiH23_PIH23_001679-RA | OG0 |
                       •HoiH23_PIH23_011126-RA | OG0 |
                   97
                 -HoiH04_mRNA15192 | OG0 |
                    •Hhon g02488.t1 | OG0 |
                   <sub>f</sub>Hhon_g02489.t1 | OG0 |
           69
                <sup>1001</sup>•HoiH04_mRNA2263 | OG0 |
                    •HoiH23_PIH23_001678-RA | OG0 |
                      <sub>!</sub>HoiH23_PIH23_011125-RA | OG0 |
                65
                        -HoiH06 mRNA7473 | OG0 |
                            •HoiH23_PIH23_011127-RA | OG0 |
                             -HoiH06_mRNA7474 | OG0 |
                  •Cgig_XM_034481653.1 | OG0 |
                  ·Cgig_XM_011423292.3 | OG0 |
        80
                           •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA96332 | OG0 |
                    Acagra_model.g28958.t1.1.5d3b8c75 | OG0 |
                     -•Acagra_model.g28958.t1 | OG0 |
     95
                  |Spur_XM_030984664.1 | OG0
                          •Bralan_BLAG08000262_1 | OG0 |
                     •Bralan_BLAG07001350_1 | OG0 |
       32
                      -Bralan_BLAG07000791_1 | OG0 |
                  <sup>1001</sup>•Bralan_BLAG07000792_1 | OG0 |
                           •Hsap_ENST00000288111 | OG0 |
                         •Skow_XM_002735037.2 | OG0 |
            60
                          •Skow XM 006816857.1 | OG0 |
               100
                      <sup>1001</sup>•Skow_XM_006816845.1 | OG0 |
   85
                         •Skow_XM_006816846.1 | OG0 |
                               •Skow_XM_006816858.1 | OG0 |
                                •Xestes_augustus_masked-XT_scaffold28684-processed-gene-0.1-mRNA-1 | OG0

    Xestes augustus masked-XT scaffold187267-processed-gene-0.9-mRNA-1 | OG0 |

                                 Stycar snap masked-SC scaffold146818-processed-gene-0.17-mRNA-1 | OG0 |
                         -Eupdun_Edun_sb10649642 | OG0 |
                       <sup>991</sup>Eupdun_Edun_sb10649644 | OG0 |
                          Eupdun Edun sb10649647 | OG0 |
       88
                            -Eupdun Edun sb10649646 | OG0 |
                          651-Eupdun_Edun_sb10649648 | OG0 |
                                   Vmul Simscaffold7358 01 | OG0 |
                           ·Vmul_sbMO437577 | OG0 |
             100
                            Coeast_Cast_sb786748 | OG0 |
                      99
                                •Coemet Cmet scaffold6950 01 | OG0 |
                                  Coemet Cmet C594783 01 | OG0 |
                          -Horcal_Hcv1.av93.c3.g252.i2 | OG0 |
                 72
                               -Pbac_sb2657939 | OG0 |
                          <sup>98</sup>Ū-Horcal Hcv1.av93.c3.g252.i1 | OG0 |
                             Bolinf Binf sb1251981 | OG0 |
                           981-Bolinf Binf sb1251983 | OG0 |
                   97
                        100
                             Mertsp_Mesp_sb572822 | OG0 |
                           901 Mertsp_Mesp_sb572823 | OG0 |
                              -Bolinf Binf sb1282810 | OG0 |
                     82
                           <sup>100</sup> Bolinf Binf_sb1282818 | OG0 |
                                •Beraby_Baby_sb329105 | OG0 |
                                 Drygla_Dgla_sb304015 | OG0 |
                                  Drygla_Dgla_sb304017 | OG0 |
                                 <sup>99</sup> Drygla Dgla_sb304018 | OG0 |
0.416667
```