```
-Emue_Em0005g73a.t1 | OG0 |
                -Spolac_c92584_g1_i1_m.7979c92584-g1 | OG0 |
                •Plajan_Pjan_C555677_01 | OG0 |
 19
                •Acagra_model.g25135.t1 | OG0 |
               Cgig XM 011443827.3 | OG0 |
   13
                         •Coemet_Cmet_scaffold11203_01 | OG0 |
                             rVmul_sbMO423280 | OG0 |
                          100 Vmul sbMO423282 | OG0
     55
                              •Mlei ML4513.g18.i1 | OG0 |
                              Bolinf Binf sb1251315 | OG0 |
                 100
                           <sup>100</sup> Mertsp_Mesp_sb580130 | OG0 |
                                 Beraby_Baby_sb346992 | OG0 |
                         42
                                 -Mertsp_Mesp_sb548967 | OG0 |
                                  Bolinf Binf sb1245225 | OG0 |
                    87
                                68 Bolinf Binf sb1245233 | OG0 |
                              Drygla Dgla sb299521 | OG0 |
                              Lampan_Lpan_10513_01 | OG0
                           <sup>100</sup> Lampan_Lpan_10514_01 | OG0 |
                                       Horcal_Hcv1.av93.c11.g19.i1 | OG0 |
                                     68 Horcal Hcv1.av93.c11.g19.i2 | OG0 |
                                        <sub>-</sub>-Pbac_sb2645854 | OG0 |
                                            Pbac_sb2650900 | OG0 |
                                                   -Pbac_sb2666361 | OG0 |
              •Tetwil g7492.t1 | OG0 |
                  •Dpul mRNA11403 | OG0 |
     66
                   -Tcas_TC008587_001 | OG0 |
                  Opea EP00118 Oscarella pearsei P010637 | OG0 |
   12
                     Opea_EP00118_Oscarella_pearsei_P010635 | OG0 |
                  <sup>100</sup>-Opea EP00118 Oscarella_pearsei_P010636 | OG0 |
                   •Plespi Pspi C590956 01 | OG0 |
     30
                                            •Lcom_lcpid108912 | OG0 |
                                              •Gracom_Gcom_scaffold18514_01 | OG0 |
       29
                                               •Scil_scict015867.1 | OG0 |
         30
                               Xestes_augustus_masked-XT_scaffold56830-processed-gene-0.0-mRNA-1 | OG0 |

    Xestes augustus masked-XT scaffold62965-processed-gene-0.0-mRNA-1 | OG0 |

                100
                                         Stycar snap masked-SC scaffold42228-processed-gene-0.697-mRNA-1 | OG0 |
                       98
                                         •Ctel gnl WGS AMQN CAPTEDRAFT mRNA101539 | OG0 |
                          85
                                       Xestes augustus masked-XT scaffold178349-processed-gene-0.165-mRNA-1 | OG0 |
                                        Stycar snap masked-SC scaffold1672-processed-gene-0.2-mRNA-1 | OG0 |
                                         -Stycar snap masked-SC scaffold30592-processed-gene-0.10-mRNA-1 | OG0 |
                 •Sanmal_Sma_021858-T1 | OG0 |
                   •Nemnom_g18691.t1 | OG0 |
       78
                     •Rhoesc_Res_015477-T1 | OG0 |
     40
                    •Dgig XM 028545955.1 | OG0 |
           98
                      •Xesp_014388-T1 | OG0 |
                   Hvul_g27018_1 | OG0 |
                <sup>100</sup> Hvul_g28915_1 | OG0 |
                  ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA221441 | OG0 |
   20
        75
                     •Aque_Aqu2.1.27555_001 | OG0 |
                                      •Skow_XM_006816046.1 | OG0 |
                    Bralan BLAG05000154 1 | OG0 |
         55
                     •Hsap ENST00000265881 | OG0 |
     48
           84
                         Cscu_XM_023367558.1 | OG0 |
                         •Spur XM 775303.5 | OG0 |
                       •Skow_XM_006811414.1 | OG0 |
                   TrH2_TrispH2_004330-RA | OG0 |
                100 Tadh TriadT23482 | OG0 |
                       <sub>!</sub>•HoiH23_PIH23_008788-RA | OG0 |
             100
                        •HoiH06_mRNA5798 | OG0 |
                        <sub>f</sub>Hhon_g06257.t1 | OG0 |
                     <sup>100</sup> HoiH04 mRNA1637 | OG0 |
         81
                       Exapal_XM_021046729.2 | OG0 |
                      •Nvec_v1g209170 | OG0 |
                    Fspp ffun1.m4.9063.m1 | OG0 |
                           Fspp ffun1.m4.9062.m1 | OG0 |
                     Gfas gfas1.m1.13610.m1 | OG0 |
              99
                       -Spis_XP_022790254_1 | OG0 |
                90
                    <sup>100</sup><sup>1</sup> -Pocdam_XM_027189278.1 | OG0 |
                        •Gasp_gasp1.m3.24874.m1 | OG0 |
                          -Gfas_gfas1.m1.13608.m1 | OG0 |
                          -Amil Amillepora24456-RA | OG0 |
0.416667
```

•Morvir scaffold204.g44.t1 | OG0 |