```
•Hsap ENST00000512175 | OG0 |
    90
                             •Coemet Cmet C564757 01 | OG0 |
                                           •Hsap ENST00000342640 | OG1 |
                          Plespi Pspi scaffold14631 01 | OG1 |
 91
                          •Xesp 002540-T1 | OG1 |
                             •Hvul g26403 1 | OG1 |
      96
                            Ctel gnl WGS AMQN CAPTEDRAFT mRNA168481 | OG1 |
                                  •HoiH23 PIH23 007468-RA|OG1|
          62
                             100
                                  -HoiH04 mRNA14498 | OG1 |
                                <sup>991</sup>-Hhon g06637.t1 | OG1 |
                                          ·Cscu XM 023360514.1 | OG2 |
                                •HoiH11 mRNA8035 | OG2 |
     63
                                   Hhon g07156.t1 | OG2 |
                            100
                                 <sup>95</sup> HoiH04_mRNA7829 | OG2 |
                                     -HoiH23 PIH23 004918-RA | OG2 |
                                   <sup>991</sup>-HoiH06 mRNA12429 | OG2 |
                                        TrH2_TrispH2_005017-RA | OG2 |
   42
                                     100 -Tadh TriadT60765 | OG2 |
                                    •Xesp_021889-T1 | OG2 |
                                    Dgig XM 028544101.1 | OG2 |
                            100
                                 <sup>100</sup> Dgig XM_028558972.1 | OG2 |
                                 •Exapal XM 021048566.1 | OG2 |
              100
                      89
                                 Nvec v1g162829 | OG2 |
                            Spis XP 022792676 1 | OG2 |
                    99
                              •Pocdam XM 027182244.1 | OG2 |
                        100
                                   Fspp ffun1.m4.11993.m1 | OG2 |
                           85
                                    •Gasp_gasp1.m3.18220.m1 | OG2 |
                             100
                                     •Gfas gfas1.m1.10257.m1 | OG2 |
                                       Amil_Amillepora10181-RA | OG2 |
                                    <sup>100</sup> Adig XM_015911040.1 | OG2 |
                      •Ctel gnl WGS AMQN CAPTEDRAFT mRNA149156 | OG3 |
                       Coemet Cmet scaffold22178 01 | OG3 |
                     Mlei_ML1168.g12.i1 | OG3 |
                  <sup>1001</sup>•Vmul_sbMO419340 | OG3 |
               100
                     Mertsp Mesp sb534454 | OG3 |
         100
                       Bolinf Binf sb1226956 | OG3 |
                     66 Bolinf Binf sb1226957 | OG3 |
                       -Horcal_Hcv1.av93.c1.g423.i2 | OG3 |
                        Horcal Hcv1.av93.c1.g423.i1 | OG3 |
            100
                   100
                               •Horcal Hcv1.av93.c1.g423.i3 | OG3 |
                             Pbac sb2645734 | OG3 |
   52
                           <sup>1001</sup>-Pbac_sb2661363 | OG3 |
                         Beraby Baby sb345064 | OG3 |
               65
                      <sup>100</sup>1-Beraby_Baby_sb345066 | OG3 |
                          Eupdun_Edun_sb10651166 | OG3 |
                       1001 Eupdun Edun_sb10651167 | OG3 |
                          Lampan_Lpan_684_01 | OG3 |
                            Lampan Lpan 686 01 | OG3 |
                          <sup>941</sup>Lampan_Lpan_682_01 | OG3 |
                           -Mertsp Mesp sb577055 | OG3 |
                   91
     66
                             Bolinf_Binf_sb1234996 | OG3 |
                           67 Mertsp_Mesp_sb577056 | OG3 |
                      95
                           Drygla_Dgla_sb296409 | OG3 |
                             Drygla_Dgla_sb296410 | OG3 |
                               _•Drygla_Dgla_sb296401 | OG3 |
                              <sup>961</sup>Drygla Dgla_sb296405 | OG3 |
                         •Dgig XM 028535032.1 | OG3 |
                  100
                          Xesp 013812-T1 | OG3 |
                       Clacor_Ccor_scaffold9434_01 | OG3 |
          87
                            •Lcom | lcpid71839 | OG3 |
                 100
                          •Leuniv Lniv C809472 01 | OG3 |
                          •Plajan_Pjan_C562254_01 | OG3 |
                              _EP00118_Oscarella_pearsei_P027040 | OG3 |
                           •Plespi_Pspi_C602008_01 | OG3 |
                             •Spolac_c99935_g1_i1_m.21009c99935-g1 | OG3 |
                                -Emue_Em0573g2a.t1 | OG3 |
       46
                          <sup>100</sup> Emue_Em0013g10a.t1 | OG3 |
              99
                         •Tetwil_g23467.t1 | OG3 |
                               Stycar_maker-SC_scaffold4665-augustus-gene-0.105-mRNA-1 | OG3 |
                         Stycar_maker-SC_scaffold239-augustus-gene-0.2-mRNA-1 | OG3 |
                            Xestes_maker-XT_scaffold6094-augustus-gene-0.23-mRNA-1 | OG3 |
                   87
                                 Halamb c42343 g1 i1m.14813 | OG3 |
                                  •Aque_Aqu2.1.40704_001 | OG3 |
          47
                            Bralan_BLAG03002165_1 | OG3 |
                         <sup>100</sup> Bralan BLAG03002173 1 | OG3 |
                          Skow_XM_006823118.1 | OG3 |
              63
                   76
                             Spur_XM_030985683.1 | OG3 |
                               •Acagra_model.g2194.t1.1.5d3b839c | OG3 |
                    93
                                    -Cgig_XM_011442138.3 | OG3 |
                               Chem_TCONS_00060492 | OG3 |
            58
                     100
                                •Hvul_g1560_1 | OG3 |
                             Sanmal_Sma_008562-T1 | OG3 |
                88
                              •Rhoesc_Res_003469-T1 | OG3 |
                     100
                                <sub>[</sub>Nemnom_g4959.t1 | OG3 |
                          100
                             100<sup>1</sup>-Nemnom_g15438.t1 | OG3 |
              92
                               •Exapal_XM_021058839.2 | OG3 |
                        100
                                 •Nvec_v1g211035 | OG3 |
                            •Nvec_v1g160170 | OG3 |
                 98
                            •Gfas_gfas1.m1.15779.m1 | OG3 |
                                  •Adig_XM_015921893.1 | OG3 |
                   96
                                 Amil_Amillepora03767-RA | OG3 |
                               96 Adig XM 015902480.1 | OG3 |
                      100
                            Gasp_gasp1.m3.31929.m1 | OG3 |
                              •Fspp_ffun1.m4.33921.m1 | OG3 |
                         81
                                   •Spis_XP_022782873_1 | OG3 |
                               <sup>1001</sup>•Pocdam_XM_027185747.1 | OG3 |
                                     Gasp gasp1.m3.13600.m1 | OG3 |
                                     •Fspp_ffun1.m4.9669.m1 | OG3 |
0.416667
```