```
Bralan BLAG10001124 1 | OG0 |
                        Bralan_BLAG10001092_1 | OG0 |
                      <sup>100</sup> Bralan_BLAG10001108_1 | OG0 |
   69
                                           •Xestes_augustus_masked-XT_scaffold190725-processed-gene-0.23-mRNA-1 | OG0 |
                                Lampan Lpan 15479 01 | OG0 |
       95
                                   •Mlei_ML0305.g23.i1 | OG0 |
                 100
                                   -Pbac_sb2643258 | OG0 |
                                    Horcal_Hcv1.av93.c2.g1141.i1 | OG0 |
                     97
                                         •Pbac_sb2643260 | OG0 |
                        88
                                     <u>r</u>Drygla_Dgla_sb292011 | OG0 |
                                  <sup>100</sup> Drygla_Dgla_sb292012 | OG0 |
                                   Bolinf_Binf_sb1243245 | OG0 |
                                 <sup>100</sup> Mertsp_Mesp_sb569156 | OG0 |
                          TrH2_TrispH2_005507-RA | OG0 |
 49
                           -•Tadh TriadT56189 | OG0 |
            100
                          -HoiH23 PIH23 006770-RA | OG0 |
                            <sub>f</sub>Hhon_g10312.t1 | OG0 |
                         <sup>100</sup>-HoiH04 mRNA9681 | OG0 |
      100
                TrH2 TrispH2 005506-RA | OG0 |
             <sup>100</sup>¹•Tadh TriadT25841 | OG0 |
                  •HoiH11 mRNA5538 | OG0 |
          100
                     <sub>f</sub>HoiH23_PIH23_006769-RA | OG0 |
             100
                  <sup>100</sup>¹•HoiH06_mRNA15079 | OG0 |
                     <sub>f</sub>Hhon_g10311.t1 | OG0 |
                  100 HoiH04 mRNA5591 | OG0 |
   84
                       •Plespi Pspi C612600 01 | OG0 |
          100
                                  -Plespi_Pspi_scaffold17189_01 | OG0 |
                      •Clacor_Ccor_scaffold2003_01 | OG0 |
       92
                             •Gracom_Gcom_C550690_01 | OG0 |
          100
                 100
                              •Gracom Gcom C549634 01 | OG0 |
                         •Lcom | lcpid74792 | OG0 |
              100
                         •Gracom_Gcom_scaffold6241_01 | OG0 |
                         •Leuniv_Lniv_scaffold20983_01 | OG0 |
                       •Plajan_Pjan_C557473_01 | OG0 |
                        Opea_EP00118_Oscarella_pearsei_P006462 | OG0 |
            98
                        •Plajan_Pjan_scaffold11029_01 | OG0 |
                                          <sub>I</sub>•Plajan_Pjan_scaffold2158_01 | OG0 |
              69
                                       <sup>100</sup> Plajan_Pjan_scaffold2159_01 | OG0 |
                 63
                                 Opea EP00118 Oscarella pearsei P006816 | OG0
                                         Opea_EP00118_Oscarella_pearsei_P006817 | OG0 |
                  •Skow_XM_002732398.1 | OG1 |
                    •Dgig_XM_028541743.1 | OG1 |
   25
                            Hvul g23949 1 | OG1 |
                         100 Hvul g23948_1 | OG1 |
     62
                       •Morvir_scaffold12.g146.t2 | OG1 |
       65
                                               -Chem_TCONS_00002796 | OG1 |
                         •Sanmal_Sma_010373-T1 | OG1 |
                      •Aaur_scaffold694.g10.t1 | OG1 |
                     •Nemnom g2460.t1 | OG1 |
                     •Rhoesc_Res_000546-T1 | OG1 |
                 Cscu_XM_023373667.1 | OG1 |
              <sup>100</sup> Cscu_XM_023373666.1 | OG1 |
                 •Dpul_mRNA5877 | OG1 |
                  •Tcas TC008028 001 | OG1 |
                 -Bralan_BLAG06000079_1 | OG1 |
                   •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA225408 | OG1 |
                       •Cgig_XM_011414269.2 | OG1 |
       51
                      •Acagra_model.g12773.t1.1.5d3b86db | OG1 |
         20
                        •Hsap ENST00000536354 | OG1 |
                                           Cgig XM 011427455.3 | OG1 |
                                        <sup>100</sup> -Cgig_XM_034446453.1 | OG1 |
                                  Spur_XM_030993811.1 | OG1 |
                          Spur XM 030981105.1 | OG1 |
   30
                                   Spur XM 030992579.1 | OG1 |
                                          TrH2 TrispH2 005470-RA | OG1 |
                                       <sup>100</sup> Tadh_TriadT56158 | OG1 |
                                             +HoiH23_PIH23_004969-RA | OG1 |
                               100
                                             -Hhon g02866.t1 | OG1 |
                                           <sup>e</sup>HoiH23 PIH23 004970-RA | OG1 |
                                        <sup>100</sup><sup>1</sup>-HoiH06_mRNA11760 | OG1 |
                                           Hhon g02865.t1 | OG1 |
     70
                                         <sup>100</sup>□•HoiH04 mRNA9008 | OG1 |
                  •Nvec v1g157887 | OG1 |
          100
                      Exapal XM 021056075.2 | OG1 |
                   •Gfas gfas1.m1.15133.m1 | OG1 |
       59
                  •Fspp ffun1.m4.30340.m1 | OG1 |
                   -Gasp_gasp1.m3.30505.m1 | OG1 |
         97
                    Fspp ffun1.m4.26076.m1 | OG1 |
                  <sup>99</sup> Spis XP 022808730_1 | OG1 |
            90
                  Gfas_gfas1.m1.15132.m1 | OG1 |
                     -Gfas_gfas1.m1.15134.m1 | OG1 |
                   Amil_Amillepora06366-RA | OG1 |
                <sup>100</sup>l-Adig XM 015907685.1 | OG1 |
0.416667
```