```
*Tetwil g2405.t1 | OG0 |
           <sup>100</sup> Tetwil_g11616.t2 | OG0 |
             •Stycar_maker-SC_scaffold1401-snap-gene-0.6-mRNA-1 | OG0 |
                  -Stycar_maker-SC_scaffold120951-augustus-gene-0.68-mRNA-1 | OG0 |
                •Stycar_maker-SC_scaffold120951-snap-gene-0.76-mRNA-1 | OG0 |
      47
               Stycar_maker-SC_scaffold65773-augustus-gene-0.9-mRNA-1 | OG0 |
                       •Stycar_maker-SC_scaffold120951-snap-gene-0.75-mRNA-1 | OG0 |
                 Stycar_maker-SC_scaffold5274-augustus-gene-0.9-mRNA-1 | OG0 |
                                                           •Lcom_lcpid222113 | OG0 |
                                       -Lcom_lcpid164713 | OG8 |
                           •Lcom lcpid192642 | OG3 |
        75
                                              -Xestes_augustus_masked-XT_scaffold192135-processed-gene-0.312-mRNA-1 | OG3 |
                         100
                                                 •Exapal_XM_021048903.1 | OG3 |
      70
                         Lcom_lcpid58739 | OG1 |
                            Leuniv_Lniv_scaffold10557_01 | OG1 |
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                         Leuniv_Lniv_scaffold10558_01 | OG1
                 99
                            -Gracom_Gcom_C543840_01 | OG1 |
                    100
                           •Scil_scict008412.1 | OG1 |
                         Opea_EP00118_Oscarella_pearsei_P008970 | OG2 |
                          Plajan Pjan scaffold2030 01 | OG2 |
            100
                  100
                           •Plajan_Pjan_scaffold2032_01 | OG2 |
                                          -Lcom_lcpid236998 | OG4 |
                                        •Bralan_BLAG06000860_1 | OG4 |
                33
                                                  -Hsap_ENST00000296575 | OG4 |
         30
                                •Skow_XM_002736553.1 | OG5 |
                                       -Bralan_BLAG09000576_1 | OG5 |
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                                   -Bralan_BLAG90000258_1 | OG5 |
                  63
                                                              -Cscu_XM_023383154.1 | OG5 |
                                                            •Cgig_XM_020062448.2 | OG5 |
                    69
                           99
                                                  Acagra model.g15844.t1 | OG5 |
                         •Plajan Pjan C566436 01 | OG6 |
                           Opea_EP00118_Oscarella_pearsei_P004726 | OG6 |
                100
                        100 Ocar g2975 | OG6 |
                            •Clacor_Ccor_C507689_01 | OG6 |
       23
                           98
                                  Gracom_Gcom_scaffold7817_01 | OG6 |
                  100
                                Scil_scict000345.3 | OG6 |
                       99
                                -Leuniv_Lniv_C809394_01 | OG6 |
                                  •Lcom_lcpid41866 | OG6 |
                                            -Lcom_lcpid168914 | OG7 |
                 56
                                   Skow XM 006823693.1 | OG7 |
                            •Skow_NM_001168093.1 | OG7 |
                             -Spur_XM_030999140.1 | OG7 |
             60
         27
                           <sup>100</sup> Spur_XM_030999278.1 | OG7 |
                                   •Hsap ENST00000343410 | OG7 |
               50
                                 Bralan BLAG04001143_1 | OG7 |
                          100
                                  •Bralan_BLAG04001144_2 | OG7 |
                                   -Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA139254 | OG7 |
                                      -Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA188810 | OG7 |
                                   981Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA146277 | OG7 |
                                     •Cgig XM 011439650.3 | OG7 |
                     64
                         94
                                                  -Acagra_model.g17379.t1 | OG7
                                                 •Acagra_model.g17380.t1 | OG7 |
                       69
                                               •Acagra_model.g16082.t1 | OG7 |
                          68
                                        -Acagra _model.g16083.t1 | OG7 |
                                 •Dgig XM 028540526.1 | OG7 |
                         100
                                  •Xesp 011770-T1 | OG7 |
                                     Hvul g432 1 | OG7 |
                86
                                   -Morvir_scaffold277.g18.t1 | OG7 |
                     100
                                    •Sanmal_Sma_026683-T1 | OG7 |
                                        •Sanmal Sma 026685-T1 | OG7 |
                                          •Nemnom_g11007.t1 | OG7 |
                                    <sup>|00</sup>  --- Rhoesc_Res_001432-T1 | OG7 |
                                 •Nvec_v1g83517 | OG7 |
                               Exapal XM 021046162.1 | OG7 |
                      100
                            <sup>100</sup>-Exapal XM_021057189.2 | OG7 |
                                 Fspp ffun1.m4.8493.m1 | OG7 |
                  100
                                 •Gasp_gasp1.m3.11911.m1 | OG7 |
                                  •Spis_XP_022778180_1 | OG7 |
                              100 Pocdam XM 027200067.1 | OG7 |
                        100
                                 •Gfas_gfas1.m1.13321.m1 | OG7 |
                                 Adig XM 015924903.1 | OG7 |
                                    Amil Amillepora16590-RA | OG7 |
                                  <sup>100</sup>Amil Amillepora16618-RA | OG7 |
0.416667
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