```
Chem TCONS 00064470 | OG0 |
          100 Chem TCONS_00070782 | OG0 |
                 •Skow_XM_006811242.1 | OG0 |
                •Skow_XM_006811241.1 | OG0 |
         100
93
                 •Skow XM 006824580.1 | OG0 |
                 •Hsap ENST00000381031 | OG0 |
                 •Lcom_lcpid243704 | OG0 |
   90
                  Acagra model.g19119.t1.1.5d3b8989 | OG0 |
                      -Cscu_XM_023359466.1 | OG0 |
         73
                   <sup>100</sup><sup>1</sup>-Cscu_XM_023359444.1 | OG0 |
                      •Morvir_scaffold189.g17.t1 | OG0 |
                     rCgig_XM_034461595.1 | OG0 |
                        •Cgig_XM_034463914.1 | OG0 |
                   Bralan_BLAG19000489_1 | OG0 |
                      Bralan BLAG01001499_1 | OG0 |
                       •Bralan BLAG01001500 1 | OG0 |
       56
           83
                   Skow_XM_006820294.1 | OG0 |
                          •Skow_XM_006820308.1 | OG0 |
             49
                       Skow_XM_006813021.1 | OG0 |
                                •Skow_XM_006811240.1 | OG0 |
                       •Plajan Pjan C562996 01 | OG0 |
                       Opea_EP00118_Oscarella_pearsei_P021303 | OG0 |
              100
                         Opea_EP00118_Oscarella_pearsei_P021300 | OG0 |
         60
                       90 Ocar_g6172 | OG0 |
                          Opea EP00118 Oscarella_pearsei_P021306 | OG0 |
                               Opea_EP00118_Oscarella_pearsei_P021301 | OG0 |
                            82 Opea_EP00118_Oscarella_pearsei_P021299 | OG0 |
                        •Xesp_001297-T1 | OG0 |
           100
                        Dgig XM 028555736.1 | OG0 |
                     <sup>100</sup> Dgig _XM_028559997.1 | OG0
                            •Exapal_XM_021057134.2 | OG0 |
                     86
                           •Nvec_v1g141816 | OG0 |
                               •Nvec_v1g157950 | OG0 |
                                   •Exapal_XM_021057141.2 | OG0 |
                   64
                                  •Gfas gfas1.m1.9119.m1 | OG0 |
              92
                                   Amil_Amillepora20993-RA | OG0 |
                                <sup>100</sup> Adig_XM_015907935.1 | OG0 |
                                       Gasp gasp1.m3.12002.m1 | OG0 |
                          100
                                 <sup>100</sup> Gasp gasp1.m3.12001.m1 | OG0 |
                                     Fspp ffun1.m4.30415.m1 | OG0 |
                                        •Spis_XP_022806055_1 | OG0 |
                                   •Fspp_ffun1.m4.29055.m1 | OG0 |
                100
                                      Spis_XP_022806072_1 | OG0 |
                                        •Pocdam_XM_027179781.1 | OG0 |
                                       Spis XP 022806071 1 | OG0 |
                                     <sup>981</sup>•Pocdam_XM_027179795.1 | OG0 |
                        Amil_Amillepora20990-RA | OG0 |
                           <sub>!</sub>•Adig_XM_015907976.1 | OG0 |
                     100
                        <sup>100</sup>1•Adig_XM_015892175.1 | OG0 |
                         •Gfas_gfas1.m1.7054.m1 | OG0 |
                            -Fspp_ffun1.m4.13045.m1 | OG0 |
                               Gasp_gasp1.m3.26129.m1 | OG0 |
                                                     •Spis_Spis23757_1 | OG0 |
                                   Spis_XP_022805802 1 | OG0 |
                              <sup>871</sup>•Pocdam XM_027179792.1 | OG0 |
                         68
                                   -Spis_XP_022809104_1 | OG0 |
                                <sup>631</sup>-Spis_XP_022778187_1 | OG0 |
                                       •Spis_XP_022807217_1 | OG0 |
                                      •Spis_XP_022810645_1 | OG0 |
                                        •Spis XP 022807218 1 | OG0 |
                                        -Spis_XP_022808511_1 | OG0 |
                                                            -Spis_Spis20439_1 | OG0 |
                 •Cgig_XM_020067837.2 | OG1 |
       100
                       •Cgig_XM_011429094.3 | OG1 |
                     •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA212915 | OG1 |
             100
                    •Ctel gnl WGS AMQN CAPTEDRAFT mRNA178724 | OG1 |
   69
       80
                         -Chem_TCONS_00069349 | OG1 |
                      <sup>100</sup>_-Chem_TCONS_00069383 | OG1 |
     63
                            •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA151318 | OG1 |
                        •Dgig_XM_028553774.1 | OG1 |
                                     -Lcom_lcpid160469 | OG1 |
                                          Lcom lcpid104864 | OG1 |
         83
                                 Eupdun_Edun_sb10704318 | OG1 |
            87
                                        -Pbac_sb2645866 | OG1 |
                                     <sup>[100]</sup>-Pbac_sb2668759 | OG1 |
                     100
                                        Horcal_Hcv1.av93.c8.g553.i1 | OG1 |
                                     <sup>100</sup> Horcal Hcv1.av93.c8.g553.i2 | OG1 |
                          100
                                    Beraby_Baby_sb331534 | OG1 |
                                     •Mlei_ML0150.g5.i1 | OG1 |
                                        •Lampan_Lpan_5783_01 | OG1 |
                                            •Coemet_Cmet_scaffold13976_01 | OG1 |
                                           Vmul_Simscaffold16114_01 | OG1 |
                             Plajan_Pjan_C560450_01 | OG2 |
                              Opea_EP00118_Oscarella_pearsei_P000364 | OG2 |
                   100
                                  Opea_EP00118_Oscarella_pearsei_P020191 | OG2 |
                                 Opea_EP00118_Oscarella_pearsei_P000229 | OG2 |
              99
                             Clacor_Ccor_C526869_01 | OG2 |
                                      •Lcom_lcpid66685 | OG2 |
                                         Lcom_lcpid93068 | OG2 |
                    100
                                      <sup>1001</sup>Lcom | lcpid69395 | OG2 |
                            100
                                         -Leuniv_Lniv_scaffold21801_01 | OG2 |
                                      <sup>100</sup> Leuniv_Lniv_scaffold21802_01 | OG2 |
                                         •Scil_scict002313.2 | OG2 |
           100
                                          •Gracom_Gcom_C557634_01 | OG2 |
                         •Plespi_Pspi_scaffold15515_01 | OG2 |
                          Stycar_maker-SC_scaffold124015-augustus-gene-0.19-mRNA-1 | OG2 |
                      Gtycar_maker-SC_scaffold83850-snap-gene-0.4-mRNA-1 | OG2 |
                                    •Tetwil_g20230.t1 | OG2 |
                                   •Tetwil_g6721.t1 | OG2 |
                           100
               100
                                     •Tetwil_g6722.t2 | OG2 |
                                    •Tetwil_g6723.t1 | OG2 |
                                         Xestes_maker-XT_scaffold6409-snap-gene-0.6-mRNA-1 | OG2 |
                       93
                                             Xestes_augustus_masked-XT_scaffold2863-processed-gene-0.2-mRNA-1 | OG2 |
                                 100
                                         Xestes_maker-XT_scaffold1217-augustus-gene-0.6-mRNA-1 | OG2 |
                                           •Halamb_c37074_g1_i1m.9735 | OG2 |
                               100
                                              •Aque_Aqu2.1.38441_001 | OG2 |
                                               •Halamb_c28640_g1_i1m.5788 | OG2 |
                                  100
                                          -Aque_Aqu2.1.38440_001 | OG2 |
                                          <sub>r</sub>-Halamb_c52196_g2_i3mm.4390 | OG2 |
                                        <sup>1001</sup>-Halamb_c52196_g1_i1m.32408 | OG2 |
                     95
                                      Stycar maker-SC scaffold5022-snap-gene-0.2-mRNA-1 | OG2 |
                                   Spolac_c103336_g3_i1_m.33717c103258-g1 | OG2 |
                                     •Emue_Em0018g149a.t1 | OG2 |
                              99
                         99
                                       •Emue_Em0018g147a.t1 | OG2 |
                           100
                                    Emue_Em0018g150a.t1 | OG2 |
                                       Spolac c103336 g2 i1 m.33714c103258-g1 | OG2 |
                                           -Emue_Em0018g146a.t1 | OG2 |
                       98
                                      •Spolac_c103336_g2_i10_m.33726c103258-g1 | OG2 |
                                  <sup>97</sup>l-Spolac_c103336_g2_i8_m.33723c103258-g1 | OG2 |
                                 -Emue_Em0018g105a.t1 | OG2 |
                             <sup>100</sup><sup>L</sup>-Spolac_c91061_g1_i1_m.6633c103258-g1 | OG2 |
                                 -Spolac_c103336_g2_i9_m.33724c103258-g1 | OG2 |
                                   •Emue_Em0018g142a.t1 | OG2 |
                                   Spolac_c103336_g2_i4_m.33718c103258-g1 | OG2 |
                                   <sup>1001_</sup>-Spolac_c103336_g2_i6_m.33721c103258-g1 | OG2 |
                                      -Spolac_c103336_g1_i2_m.33722c103258-g1 | OG2 |
                                   <sup>991</sup>Spolac_c103336_g1_i1_m.33713c103258-g1 | OG2 |
                                       •Emue Em0018g143a.t1 | OG2 |
                                         •Emue Em0018g121a.t1 | OG2 |
                                       <sup>87</sup> Emue Em0018g104a.t1 | OG2 |
                                          Emue_Em0018g140a.t1 | OG2 |
                                       1001-Emue Em0018g141a.t1 | OG2 |
0.416667
```