```
•Plajan Pjan C561798 01 | OG0 |
               Popea EP00118 Oscarella_pearsei_P002334 | OG0 |
      100
             <sup>100</sup> •Ocar_g9770 | OG0 |
                Plespi_Pspi_C608416_01 | OG0 |
                  Xestes_maker-XT_scaffold1200-snap-gene-0.11-mRNA-1 | OG0 |
                   •Aque Aqu2.1.43070 001 | OG0 |
     100
                   •Halamb_c34783_g1_i1mm.349 | OG0 |
                 •Tetwil_g13742.t2 | OG0 |
        97
                                           Stycar_maker-SC_scaffold141898-augustus-gene-0.43-mRNA-1 | OG0 |
                 ·Stycar maker-SC scaffold133884-snap-gene-0.4-mRNA-1 | OG0 |
          90
                    -Spolac c101521 g1 i2 m.25874c101521-g1 | OG0 |
 56
                 <sup>100</sup><sup>1</sup>-Emue Em0011g63a.t1 | OG0 |
                  •Salkve_EP00050_Salpingoeca_kvevrii_P013681 | OG0 |
                     ·Codhol_EP00042_Codosiga_hollandica_P026602 | OG0 |
       32
                                         --Tcas TC015642 001 | OG0 |
                                             -Tcas TC015643 001 | OG0 |
                   -Saldol_EP00054_Salpingoeca_dolichothecata_P019307 | OG0 |
                         •Mbre_EDQ85095 | OG0 |
                        •Chofle EP00730 Choanoeca flexa P014669 | OG0 |
              100
                          Choper EP00045 Choanoeca perplexa P005874 | OG0 |
          100
                          Salinf EP00049 Salpingoeca infusionum P001465 | OG0 |
                        •Microa_EP00043_Microstomoeca_roanoka_P003973 | OG0 |
                        •Sros_EGD77288 | OG0 |
      33
                       -Salpun_EP00053_Salpingoeca_punica_P010525 | OG0 |
                        Salmac EP00052 Salpingoeca macrocollata P003399 | OG0 |
                        •Mylflu_EP00047_Mylnosiga_fluctuans_P017461 | OG0 |
                       Didcos_EP00039_Didymoeca_costata_P000420 | OG0 |
                        Diagra_EP00040_Diaphanoeca_grandis_P025055 | OG0 |
            86
                           •Acaspe EP00035 Acanthoeca spectabilis P001679 | OG0 |
              99
                     100
                           Helnan EP00037 Helgoeca nana P015382 | OG0 |
                95
                          -Stedip_EP00041_Stephanoeca_diplocostata_P024033 | OG0 |
                             -Stedip_EP00041_Stephanoeca_diplocostata_P024034 | OG0 |
                              -Stedip EP00041 Stephanoeca diplocostata P024035 | OG0 |
             Bralan BLAG13000444 1 | OG0 |
       86
               •Hsap ENST00000262554 | OG0 |
                 Skow_XM_006811254.1 | OG0 |
       86
                  Spur_XM_011662341.2 | OG0 |
                Acagra model.g12423.t1 | OG0 |
                  Cgig NM 001308844.1 | OG0 |
   68
                               Lcom lcpid143493 | OG0 |
       56
                     Cscu_XM_023367530.1 | OG0 |
                                          -Lcom_lcpid245508 | OG0 |
                     Dpul mRNA6608 | OG0 |
                  <sup>100</sup> Dpul mRNA5447 | OG0 |
                  Ctel gnl WGS AMQN CAPTEDRAFT mRNA226782 | OG0 |
                        •Vmul_sbMO457819 | OG0 |
                          •Coemet_Cmet_scaffold21008_01 | OG0 |
                         -Lampan_Lpan_2626_01 | OG0 |
                 100
                          Mertsp Mesp sb570501 | OG0 |
                    98
                             Drygla_Dgla_sb282674 | OG0 |
                                 •Mlei_ML0163.g57.i1 | OG0 |
                      72
                                     -Bolinf_Binf_sb1272321 | OG0 |
                                  <sup>36</sup> Mertsp Mesp_sb562893 | OG0 |
                                   Bolinf Binf sb1272310 | OG0 |
                                 69 Bolinf Binf sb1272309 | OG0 |
                                    <sup>1</sup> Bolinf_Binf_sb1272312 | OG0 |
                          92
                                   Beraby_Baby_sb345468 | OG0 |
                                    Beraby Baby sb345469 | OG0 |
                                     Beraby_Baby_sb345467 | OG0 |
                                     1 Beraby Baby sb345470 | OG0 |
                            93
                                      Pbac_sb2658319 | OG0 |
                                       bac_sb2661902 | OG0 |
                                     Horcal_Hcv1.av93.c9.g153.i1 | OG0 |
                                100
                                                        •Pbac_sb2668736 | OG0 |
                                                     <sup>100</sup> Pbac sb2646658 | OG0 |
                   Clacor_Ccor_scaffold6641 01 | OG0 |
                    Clacor_Ccor_C511595_01 | OG0 |
        100
                     Lcom Icpid60864 | OG0 |
                      Leuniv Lniv scaffold25320 01 | OG0 |
              100
                         •Gracom Gcom scaffold1133 01 | OG0 |
     78
                   100
                           •Scil_scict002664.3 | OG0 |
                     •TrH2_TrispH2_010626-RA | OG0 |
                      •HoiH11 mRNA2407 | OG0 |
               100
                          -HoiH23 PIH23 003402-RA | OG0 |
                  98
                       <sup>100</sup>-HoiH06 mRNA14992 | OG0 |
                          Hhon g04567.t1 | OG0 |
                       100 HoiH04 mRNA2990 | OG0 |
                •Morvir_scaffold367.g17.t1 | OG0 |
   58
                     •Hvul_g19467_1 | OG0 |
        100
             100
                      Chem TCONS 00068023 | OG0 |
                            Sanmal_Sma_011492-T1 | OG0 |
           97
                                 -Sanmal_Sma_005499-T1 | OG0 |
                          •Sanmal Sma 011491-T1 | OG0 |
             100
                       Aaur scaffold72.g28.t2 | OG0 |
                95
                         Nemnom_g3775.t1 | OG0 |
                  80
     100
                      <sup>1001</sup>•Nemnom_g3777.t1 | OG0 |
                         Rhoesc_Res_016334-T1 | OG0 |
                       <sup>100</sup>Ū-Rhoesc Res 016336-T1 | OG0 |
                -Dgig XM 028547925.1 | OG0 |
                  •Xesp 001160-T1 | OG0 |
                  Exapal XM 021040120.2 | OG0 |
        98
             98
                  •Nvec_v1g120739 | OG0 |
                   Adig XM 015919989.1 | OG0 |
          100
                     Amil Amillepora25277-RA | OG0 |
                   61 Adig XM 015921313.1 | OG0 |
                   •Gfas_gfas1.m1.19402.m1 | OG0 |
                     •Fspp_ffun1.m4.14929.m1 | OG0 |
                        •Gasp gasp1.m3.482.m1 | OG0 |
                          Spis_XP_022782062 1 | OG0 |
                        <sup>100</sup> Pocdam XM 027200086.1 | OG0 |
0.416667
```