```
Bralan BLAG06001067 1 | OG0 |
   60
            •Hsap ENST00000368662 | OG0 |
               Opea_EP00118_Oscarella_pearsei_P004675 | OG0 |
              •Plajan_Pjan_scaffold632_01 | OG0 |
               •Clacor Ccor C509121 01 | OG0 |
                   -Lcom | lcpid85252 | OG0 |
     67
                     -Gracom_Gcom_scaffold15533_01 | OG0 |
               •Plespi_Pspi_C607012_01 | OG0 |
       66
49
                       •Aque_Aqu2.1.43610_001 | OG0 |
                     •Xestes_maker-XT_scaffold74549-augustus-gene-0.13-mRNA-1 | OG0 |
         99
                     •Tetwil g10141.t1 | OG0 |
           66
                       Stycar_maker-SC_scaffold102045-augustus-gene-0.2-mRNA-1 | OG0 |
               100
                  100 Stycar_maker-SC_scaffold86453-snap-gene-0.6-mRNA-1 | OG0 |
             63
                         ·Spolac_c85463_g1_i1_m.3732c85463-g1 | OG0 |
                         •Spolac_c99146_g1_i3_m.18953c85463-g1 | OG0 |
   62
                          Emue Em0674g10a.t1 | OG0 |
                            Emue Em0648g11a.t1 | OG0 |
                                --Emue_Em0010g80a.t1 | OG0 |
                             <sup>1001</sup>Emue_Em0010g39a.t1 | OG0 |
             Spur_XM_030974647.1 | OG0 |
           <sup>100</sup> Spur XM_030987833.1 | OG0 |
                 •HoiH11 mRNA293 | OG0 |
                    TrH2_TrispH2_008549-RA | OG0 |
                 39
                    <sub>"</sub>HoiH23 PIH23 008196-RA | OG0 |
            100
                 <sup>100</sup> HoiH06 mRNA7525 | OG0 |
                   Hhon g05690.t1 | OG0 |
                 100 HoiH04 mRNA10062 | OG0 |
       67
                       •Cscu_XM_023374440.1 | OG0 |
                                 •Coeast Cast sb766571 | OG0 |
         72
                              <sup>100</sup> Coemet_Cmet_scaffold19547_01 | OG0 |
                                -Lampan_Lpan_C412511_01 | OG0 |
                                  •Pbac sb2662187 | OG0 |
                                   •Drygla_Dgla_sb283428 | OG0 |
                                      -Mertsp_Mesp_sb526509 | OG0 |
                                       •Mlei ML0789.g13.i1 | OG0 |
                                        Bolinf_Binf_sb1188343 | OG0 |
                                     <sup>100</sup> •Mertsp_Mesp_sb607128 | OG0 |
        •Skow XM 002739694.2 | OG0 |
             •Exapal XM 021056311.2 | OG0 |
        100
   93
            •Nvec_v1g89613 | OG0 |
             Amil_Amillepora20385-RA | OG0 |
     100
           <sup>1001</sup>Adig_XM_015901898.1 | OG0 |
                Gasp gasp1.m3.20196.m1 | OG0 |
                Gfas gfas1.m1.4732.m1 | OG0 |
                •Fspp_ffun1.m4.8651.m1 | OG0 |
                 •Spis_XP_022806330_1 | OG0 |
               <sup>991</sup>•Pocdam_XM_027185395.1 | OG0 |
             •Dgig_XM_028549112.1 | OG0 |
 49
        100
               •Xesp 002703-T1 | OG0 |
                     •Chem_TCONS_00028591 | OG0 |
     90
           100
                     •Hvul_g24327_1 | OG0 |
                   •Morvir_scaffold85.g68.t1 | OG0 |
       99
                  •Sanmal_Sma_016637-T1 | OG0 |
                  •Nemnom g11594.t1 | OG0 |
                  •Rhoesc Res 012531-T1 | OG0 |
               •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA218781 | OG0 |
              Acagra model.g18563.t1 | OG0 |
               ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA89314 | OG0 |
       86
               •Cgig XM 011436043.3 | OG0 |
                    •Acagra_model.g18565.t1 | OG0 |
                         00053_Salpingoeca_punica_P024285 | OG0 |
                       •Didcos_EP00039_Didymoeca_costata_P028562 | OG0 |
            88
     27
                         Diagra_EP00040_Diaphanoeca_grandis_P043976 | OG0 |
                          Stedip_EP00041_Stephanoeca_diplocostata_P028738 | OG0 |
                        Acaspe_EP00035_Acanthoeca_spectabilis_P018043 | OG0 |
                          Helnan_EP00037_Helgoeca_nana_P019166 | OG0 |
                                •Helnan_EP00037_Helgoeca_nana_P019167 | OG0 |
                        •Codhol_EP00042_Codosiga_hollandica_P028320 | OG0 |
        98
                  1001 Codhol_EP00042_Codosiga_hollandica_P028321 | OG0 |
                    Salmac EP00052 Salpingoeca macrocollata P008038 | OG0 |
                         <sub>'</sub>Salurc_EP00051_Salpingoeca_urceolata_P018688 | OG0 |
              75
                               Salurc_EP00051_Salpingoeca_urceolata_P018687 | OG0 |
                89
                         •Mylflu EP00047 Mylnosiga fluctuans P007377 | OG0 |
          74
                           Salkve_EP00050_Salpingoeca_kvevrii_P018146 | OG0 |
                  -Salpun_EP00053_Salpingoeca_punica_P013642 | OG0 |
                          Saldol_EP00054_Salpingoeca_dolichothecata_P008050 | OG0 |
                        -Salmac_EP00052_Salpingoeca_macrocollata_P008037 | OG0 |
                  90
                         Salpun_EP00053_Salpingoeca_punica_P000800 | OG0 |
                                 Salinf_EP00049_Salpingoeca_infusionum_P013120 | OG0 |
              37
                             -Microa_EP00043_Microstomoeca_roanoka_P011889 | OG0 |
                             •Sros EGD72884 | OG0 |
                                •Mbre_EDQ85258 | OG0 |
                                 ·Choper_EP00045_Choanoeca_perplexa_P006348 | OG0 |
                                   •Chofle_EP00730_Choanoeca_flexa_P016393 | OG0 |
                                   Chofle EP00730 Choanoeca flexa P016395 | OG0 |
                                 951 Chofle EP00730 Choanoeca flexa P016394 | OG0 |
0.416667
```