```
Scil scict003232.1 | OG0 |
                 -Leuniv_Lniv_C805434_01 | OG0 |
          100
                      Gracom Gcom scaffold10278 01 | OG0 |
            59
                      Lcom_lcpid86664 | OG0 |
   82
                                 Clacor Ccor scaffold12567 01 | OG0 |
                  Nmul SimC396618 | OG0 |
                    Coemet Cmet scaffold21895 01 | OG0 |
               100
                           Lampan Lpan 3659 01 | OG0 |
                  84
                               •Mlei_ML0930.g7.i1 | OG0 |
                    100
                         100
                               -Mertsp_Mesp_sb549997 | OG0 |
                            Pbac sb2651177 | OG0 |
                              Horcal Hcv1.av93.c10.g290.i1 | OG0 |
                                    Horcal Hcv1.av93.c10.g290.i2 | OG0 |
82
                                 <sup>100</sup>•Horcal Hcv1.av93.c10.g290.i3 | OG0 |
                    Mbre EDQ90283 | OG0 |
                      •Chofle EP00730 Choanoeca flexa P000119 | OG0 |
             100
                        Choper EP00045 Choanoeca perplexa P022802 | OG0 |
                          Saldol EP00054 Salpingoeca dolichothecata P012389 | OG0 |
                         Lcom | lcpid192659 | OG0 |
                      Microa EP00043 Microstomoeca_roanoka_P027585 | OG0 |
                      Sros EGD80768 | OG0 |
       100
                     -Salkve_EP00050_Salpingoeca_kvevrii_P007034 | OG0 |
                           Salurc_EP00051_Salpingoeca_urceolata_P013502 | OG0 |
                                •Codhol_EP00042_Codosiga_hollandica_P016233 | OG0 |
                         Codhol EP00042 Codosiga_hollandica_P016234 | OG0 |
         78
                        Salinf EP00049 Salpingoeca infusionum P026362 | OG0 |
                              •Mylflu_EP00047_Mylnosiga_fluctuans_P004078 | OG0 |
                              Salpun_EP00053_Salpingoeca_punica_P004714 | OG0 |
                96
           69
                                Salmac_EP00052_Salpingoeca_macrocollata_P034029 | OG0 |
                          100<sup>1</sup>-Salmac EP00052 Salpingoeca macrocollata P034030 | OG0 |
             69
                            Acaspe EP00035 Acanthoeca spectabilis P014583 | OG0 |
                       100
                              •Helnan_EP00037_Helgoeca_nana_P015189 | OG0 |
                             Stedip_EP00041_Stephanoeca_diplocostata_P008839 | OG0 |
                   100
                                  Didcos_EP00039_Didymoeca_costata_P028447 | OG0 |
                      98
                                Diagra EP00040 Diaphanoeca grandis P017032 | OG0 |
                              Diagra EP00040_Diaphanoeca_grandis_P017033 | OG0 |
                  •Xestes maker-XT scaffold669-augustus-gene-0.13-mRNA-1 | OG0 |
                    •Aque Aqu2.1.36254 001 | OG0 |
            100
                    Halamb_c51847_g2_i1m.31560 | OG0 |
                  -Stycar_maker-SC_scaffold7035-snap-gene-0.41-mRNA-1 | OG0 |
      99
                    Tetwil g1203.t1 | OG0 |
                Emue_Em0008g1012a.t1 | OG0 |
                 •Spolac_c99886_g1_i1_m.20866c99886-g1 | OG0 |
              <sup>100</sup> Spolac_c99886_g1_i4_m.20868c99886-g1 | OG0 |
                     TrH2 TrispH2 005440-RA | OG0 |
                   <sup>77</sup>-Tadh TriadT36122 | OG0 |
                        HoiH11 mRNA2171 | OG0 |
                100
                         •HoiH23 PIH23 007905-RA|OG0|
                   58
                       <sup>92</sup> HoiH06_mRNA11456 | OG0 |
                          Hhon g10346.t1 | OG0 |
                       <sup>100</sup> HoiH04 mRNA17378 | OG0 |
                          Opea EP00118 Oscarella pearsei P008904 | OG0 |
                       <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P008906 | OG0 |
                  100
                       Opea_EP00118_Oscarella_pearsei_P008903 | OG0 |
                             Opea_EP00118_Oscarella_pearsei_P008902 | OG0 |
   56
                            -Opea EP00118 Oscarella_pearsei_P008905 | OG0 |
       60
                     Bralan_BLAG10000116_1 | OG0 |
             92
                         •Dpul_mRNA546 | OG0 |
                                    •Tcas_TC013563_001 | OG0 |
                           •Hsap ENST00000372525 | OG0 |
                           Spur XM 781368.5 | OG0 |
                   100
                         Skow XM 002739918.2 | OG0 |
                            •Cgig_XM_011437858.3 | OG0 |
     55
                          Acagra_model.g29465.t1 | OG0 |
                       <sup>100</sup> Acagra_model.g29465.t1.1.5d3b8c9f | OG0 |
                     •Daig XM 028547149.1 | OG0 |
                    •Xesp 021579-T1 | OG0 |
                        •Morvir_scaffold82.g39.t1 | OG0 |
                                    •Sanmal_Sma_020741-T1 | OG0 |
                           Nemnom g4018.t1 | OG0 |
                          -Rhoesc Res 009928-T1 | OG0 |
                  •Exapal_XM_021036480.1 | OG0 |
                   •Nvec v1g175715 | OG0 |
                     •Exapal_XM_021047268.2 | OG0 |
            100
                    •Pocdam_XM_027188461.1 | OG0 |
                      Spis XP 022789826 1 | OG0 |
                          •Gasp_gasp1.m3.1299.m1 | OG0 |
                        63 Fspp_ffun1.m4.19217.m1 | OG0 |
                          rGfas_gfas1.m1.13509.m1 | OG0 |
                            Adig XM 015912244.1 | OG0 |
                                  •Amil Amillepora19346-RA | OG0 |
0.416667
```