```
•Clacor_Ccor_scaffold11263_01 | OG0 |
        Leuniv_Lniv_C807180_01 | OG0 |
 100
                                      •Scil_scict021040.1 | OG0 |
    65
               Lcom_lcpid25052 | OG0 |
                 •Gracom_Gcom_scaffold17747_01 | OG0 |
                Leuniv Lniv scaffold24778 01 | OG0 |
               Plajan_Pjan_scaffold4749_01 | OG1 |
             <sup>100</sup> Plajan Pjan_scaffold4750_01 | OG1 |
                             Salinf_EP00049_Salpingoeca_infusionum_P012886 | OG2 |
                              Lcom | lcpid251742 | OG2 |
                       Microa EP00043 Microstomoeca roanoka P004522 | OG2 |
             83
                  97
                       Sros EGD72161 | OG2 |
                        •Chofle_EP00730_Choanoeca_flexa_P004838 | OG2 |
               47
                        •Choper_EP00045_Choanoeca_perplexa_P015351 | OG2 |
                  88
                         Mbre EDQ89125 | OG2 |
                                            -Mbre_EDQ84111 | OG2 |
         100
                        Salurc EP00051 Salpingoeca urceolata P032761 | OG2 |
 100
                       •Salkve_EP00050_Salpingoeca_kvevrii_P002287 | OG2 |
              56
                            •Mylflu_EP00047_Mylnosiga_fluctuans_P006561 | OG2 |
                68
                                 Salpun EP00053 Salpingoeca punica P019647 | OG2 |
                  86
                         100<sup>1</sup>-Salpun EP00053 Salpingoeca_punica_P019648 | OG2 |
           73
                       Saldol_EP00054_Salpingoeca_dolichothecata_P013519 | OG2 |
                        Didcos_EP00039_Didymoeca_costata_P007306 | OG2 |
                               Diagra_EP00040_Diaphanoeca_grandis_P037483 | OG2 |
                100
                            Stedip EP00041 Stephanoeca diplocostata P026848 | OG2 |
                   100
                              Acaspe EP00035 Acanthoeca spectabilis P037065 | OG2 |
                               -Helnan_EP00037_Helgoeca_nana_P011687 | OG2 |
                       TrH2_TrispH2_005459-RA | OG2 |
                     <sup>1001</sup>-Tadh_TriadT25047 | OG2 |
                          •HoiH11 mRNA1992 | OG2 |
                  100
                             Hhon g02853.t1 | OG2 |
                     100
                           <sub>e</sub>HoiH23_PIH23_004982-RA | OG2 |
                           <sup>100]</sup>-HoiH06_mRNA15086 | OG2 |
                              •Plespi Pspi scaffold20737 01 | OG2 |
                                        <sub>r</sub>Halamb c49586_g1_i1mm.3148 | OG2 |
                                     <sup>1001</sup>•Halamb_c50197_g2_i2mm.3396 | OG2 |
              100
                               •Tetwil_g13471.t2 | OG2 |
      93
                              Stycar_augustus_masked-SC_scaffold1458-processed-gene-0.1-mRNA-1 | OG2 |
                97
                      98
                                  Stycar maker-SC scaffold5880-snap-gene-0.3-mRNA-1 | OG2 |
                                99
                                  Emue_Em0022g432a.t1 | OG2 |
                                     •Emue_Em0022g433a.t1 | OG2 |
                        100
                                  •Spolac_c104463_g2_i4_m.40683c104463-g2 | OG2 |
                                 Spolac_c104463_g2_i6_m.40688c104463-g2 | OG2 |
                                    <sub>'</sub>Spolac_c104463_g2_i5_m.40685c104463-g2 | OG2 |
         83
                                 <sup>100</sup> Spolac_c104463_g2_i1_m.40681c104463-g2 | OG2 |
                        •Plajan_Pjan_scaffold4748_01 | OG2 |
                             •Bralan BLAG06000556 1 | OG2 |
                                •Skow XM 006820450.1 | OG2 |
                       100
                                  Spur XM 030980300.1 | OG2 |
                                  •Hsap_ENST00000381655 | OG2 |
                         100
                                -Hsap_ENST00000381668 | OG2 |
                100
                              Cscu XM 023358665.1 | OG2 |
           82
                                  •Tcas TC007810 001 | OG2 |
                     100
                                    •Dpul mRNA13378 | OG2 |
                              ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA176761 | OG2 |
                              •Cgig_XM_034444034.1 | OG2 |
                     100
                             Acagra model.g9151.t1.1.5d3b85d9 | OG2 |
                               Acagra_model.g9151.t1.1.5d400a1f | OG2 |
                             <sup>51</sup> Acagra model.g9151.t1 | OG2 |
                               •Hvul_g11267_1 | OG2 |
                                 vul_g6406_1 | OG2 |
                                    •Chem_TCONS_00054822 | OG2 |
                        98
                                   •Hvul_g11266_1 | OG2 |
                   100
                           •Morvir_scaffold197.g20.t1 | OG2 |
                             |Sanmal_Sma_010669-T1 | OG2 |
                               Aaur_scaffold652.g3.t2 | OG2 |
                                <sub>-</sub>-Nemnom_g15339.t1 | OG2 |
                99
                             100<sup>1</sup>-Rhoesc_Res_000394-T2 | OG2 |
                          •Dgig_XM_028545659.1 | OG2 |
                            •Exapal XM 021059391.2 | OG2 |
                             •Nvec_v1g10129 | OG2 |
                              ┌•Amil Amillepora08456-RA | OG2 |
                     100
                           <sup>[100]</sup>-Adig_XM_015914760.1 | OG2 |
                             •Gfas_gfas1.m1.1837.m1 | OG2 |
                                •Gasp_gasp1.m3.26190.m1 | OG2 |
                                  •Fspp ffun1.m4.9826.m1 | OG2 |
                                     Pocdam_XM_027204078.1 | OG2 |
                                      *Spis XP 022807594 1 | OG2 |
                                     <sup>991</sup>•Pocdam_XM_027204091.1 | OG2 |
0.416667
```