```
•Codhol_EP00042_Codosiga_hollandica_P027291 | OG0 |
                Salurc_EP00051_Salpingoeca_urceolata_P027284 | OG0 |
     58
              Saldol_EP00054_Salpingoeca_dolichothecata_P004045 | OG0 |
                •Mylflu_EP00047_Mylnosiga_fluctuans_P003915 | OG0 |
       60
                    Salpun EP00053 Salpingoeca punica P019263 | OG0 |
                  •Mbre EDQ84080 | OG0 |
 80
                        Salinf_EP00049_Salpingoeca_infusionum_P001469 | OG0 |
       67
                     <sup>100</sup>-Salinf_EP00049_Salpingoeca_infusionum_P001470 | OG0 |
                 Choper_EP00045_Choanoeca_perplexa_P002314 | OG0 |
                          •Chofle EP00730 Choanoeca flexa P005868 | OG0 |
           100
                   Chofle EP00730 Choanoeca flexa P005867 | OG0 |
   30
                      •Chofle_EP00730_Choanoeca_flexa_P005869 | OG0 |
                       Salkve_EP00050_Salpingoeca_kvevrii_P006332 | OG0 |
                  ·Salmac_EP00052_Salpingoeca_macrocollata_P001102 | OG0 |
                          •Lcom lcpid251666 | OG0 |
                       Didcos EP00039 Didymoeca costata P003329 | OG0 |
      79
                  <sup>100</sup>-Didcos_EP00039_Didymoeca_costata_P003330 | OG0 |
                       Diagra_EP00040_Diaphanoeca_grandis_P002333 | OG0 |
          100
                        •Acaspe_EP00035_Acanthoeca_spectabilis_P024170 | OG0 |
              100
                           Helnan_EP00037_Helgoeca_nana P033123 | OG0 |
                              Stedip EP00041 Stephanoeca diplocostata P022861 | OG0 |
                99
                         Stedip_EP00041_Stephanoeca_diplocostata_P022860 | OG0 |
                                  •Stedip EP00041_Stephanoeca_diplocostata_P022858 | OG0 |
            •Sros EGD76790 | OG1 |
             Microa EP00043 Microstomoeca roanoka P003726 | OG1 |
                Vmul_Simscaffold9402_01 | OG1 |
                 •Coemet Cmet C603390 01 | OG1 |
                         <sub>[</sub>•Bolinf_Binf_sb1185386 | OG1 |
            100
                      <sup>100</sup>-Beraby_Baby_sb335156 | OG1 |
                           Drygla Dgla sb290376 | OG1 |
              93
                   100
                        <sup>100</sup> Drygla_Dgla_sb290377 | OG1 |
                             -Pbac_sb2660882 | OG1 |
 80
                         94
                          •Eupdun_Edun_sb10648455 | OG1 |
                          Lampan Lpan 4085 01 | OG1 |
                       <sup>1001</sup>Lampan_Lpan_4086_01 | OG1 |
                            Mertsp_Mesp_sb569129 | OG1 |
                     98
                         <sup>100</sup>Bolinf_Binf_sb1240846 | OG1 |
                               •Mlei ML0653.g23.i1 | OG1 |
                       99
                              Mlei ML0653.g22.i1 | OG1 |
                           100 Vmul sbMO415763 | OG1 |
      100
                      •Halamb_c43137_g1_i1m.15776 | OG1 |
                       -Aque_Aqu2.1.28661_001 | OG1 |
                       •Plajan_Pjan_C545291_01 | OG1 |
                        <sub></sub>-Ocar_g3304 | OG1 |
                     <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P026168 | OG1 |
                    Clacor_Ccor_scaffold3575_01 | OG1 |
                      •Leuniv_Lniv_scaffold9486_01 | OG1 |
                      Lcom | lcpid122400 | OG1 |
               100
                        •Gracom Gcom C539942 01 | OG1 |
                         Scil scict007214.1 | OG1 |
                      100 Lcom_lcpid183874 | OG1 |
                      Spur_XM_030973875.1 | OG1 |
                      •Tetwil g1741.t1 | OG1 |
         78
             48
                 100
                           Stycar maker-SC scaffold85483-snap-gene-0.40-mRNA-1 | OG1 |
               99
                       -Spolac_c98540_g1_i1_m.17467c98540-g1 | OG1 |
                   <sup>100</sup><sup>1</sup>-Emue Em0005g1529a.t1 | OG1 |
                           Acagra model.g23582.t1 | OG1 |
                            •Lcom | lcpid212890 | OG1 |
                            ·Cgig XM 011419544.3 | OG1 |
                 100
                                •Ctel gnl WGS AMQN CAPTEDRAFT mRNA215046 | OG1 |
                              rctel_gni_wGS_AMQN_CAPTEDRAFT_mRNA202604 | OG1 |
           40
                           65 Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA102698 | OG1 |
               48
                          •Bralan_BLAG16000616_1 | OG1 |
                             -Hsap ENST00000264254 | OG1 |
                      100
                                     -Hsap ENST00000295645 | OG1 |
                 92
                                   Tadh TriadT61162 | OG1 |
                   96
                                <sup>100</sup> TrH2_TrispH2_010715-RA | OG1 |
                                    •HoiH11 mRNA6647 | OG1 |
                                       HoiH04 mRNA16490 | OG1 |
             56
                                    <sup>100</sup> Hhon_g06610.t1 | OG1 |
                                       •HoiH23_PIH23_006476-RA | OG1 |
                                     <sup>100</sup> HoiH06 mRNA8889 | OG1 |
                       •Dgig XM 028548492.1 | OG1 |
                            •Skow XM 002738519.2 | OG1 |
                              Cscu XM 023378134.1 | OG1 |
                   50
                                 •Tcas_TC003566_001 | OG1 |
                                    •Dpul mRNA311 | OG1 |
                                  Chem TCONS 00073213 | OG1 |
                          100
                                  •Hvul g12891 1 | OG1 |
                                  •Morvir scaffold7.g63.t1 | OG1 |
                       100
                                   •Sanmal_Sma_016539-T1 | OG1 |
                                     •Rhoesc_Res_012193-T1 | OG1 |
                                 <sup>100</sup><sup>1</sup> Nemnom g10916.t1 | OG1 |
                   96
                              •Nvec v1g119091 | OG1 |
                       100
                              •Exapal_XM_021041648.2 | OG1 |
                             •Gfas_gfas1.m1.6155.m1 | OG1 |
                     96
                               Adig_XM_015901886.1 | OG1 |
                             <sup>1001</sup>Amil Amillepora20397-RA | OG1 |
                                    •Pocdam XM 027188307.1 | OG1 |
                        100
                                -Spis_XP_022786284_1 | OG1 |
                               •Fspp_ffun1.m4.13532.m1 | OG1 |
                                 •Gasp_gasp1.m3.10048.m1 | OG1 |
                               <sup>85</sup>-Gfas gfas1.m1.23004.m1 | OG1 |
0.416667
```