```
·Opea EP00118 Oscarella pearsei P003651 | OG0 |
                       Vmul SimC395834 | OG0 |
                       Coeast Cast sb758105 | OG0 |
               100
 85
                    100 - Coemet Cmet_C595961_01 | OG0 |
                       Lampan Lpan C408957 01 | OG0 |
                            Eupdun Edun sb10652554 | OG0 |
            100
                                    -Pbac sb2654464 | OG0 |
                             <sup>100</sup> Pbac sb2654463 | OG0 |
                                Horcal Hcv1.av93.c4.g79.i2 | OG0 |
               61
                          100
                                  Horcal Hcv1.av93.c4.g79.i3 | OG0 |
                             100
                                <sup>100</sup> Horcal Hcv1.av93.c4.g79.i1 | OG0 |
                          Drygla_Dgla sb287857 | OG0 |
                       <sup>1001</sup>Drygla Dgla_sb287856 | OG0 |
                                Beraby_Baby_sb334887 | OG0 |
                                 Beraby_Baby sb334888 | OG0 |
                     90
                                  Beraby Baby sb334892 | OG0 |
                                    Beraby_Baby_sb334886 | OG0 |
                                   <sup>1</sup>Beraby Baby sb334891 | OG0 |
                                 Beraby_Baby_sb334890 | OG0 |
                                  Beraby_Baby_sb334895 | OG0 |
                                    Beraby Baby sb334894 | OG0 |
                                     Beraby_Baby_sb334889 | OG0 |
                                    <sup>1</sup>•Beraby_Baby_sb334893 | OG0 |
             Cscu XM 023374890.1 | OG0 |
               •Morvir scaffold90.g7.t1 | OG0 |
                 Cgig XM 011452685.3 | OG0 |
         18
 85
                               -Salmac_EP00052_Salpingoeca_macrocollata_P005240 | OG0 |
                  •Sanmal Sma 013087-T1|OG0|
                                     Aaur scaffold2390.g3.t1 | OG0 |
   78
                      •Nemnom g7463.t1 | OG0 |
                 <sup>100</sup>Ū-Rhoesc Res_013866-T1 | OG0 |
                 Dgig XM 028539793.1 | OG0 |
            100
                   •Xesp 018618-T1 | OG0 |
     40
         68
                            •Dpul_mRNA1332 | OG0 |
             92
                        •Tcas_TC003307_001 | OG0 |
                       •Morvir scaffold90.g5.t1 | OG0 |
                     •Aque Aqu2.1.35931 001 | OG0 |
                    •Halamb_c46953_g1_i2mm.2109 | OG0 |
          64
                    •HoiH11 mRNA1548 | OG0 |
                         TrH2 TrispH2 009374-RA | OG0 |
                 100
                      100 Tadh TriadT53984 | OG0 |
                        HoiH06 mRNA9049 | OG0 |
                          -HoiH23 PIH23 008700-RA | OG0 |
                             Hhon_g00307.t1 | OG0 |
                          <sup>100</sup><sup>1</sup>•HoiH04 mRNA11982 | OG0 |
                   Spur XM 780693.5 | OG0 |
                    •Ctel anl WGS AMQN CAPTEDRAFT_mRNA152695 | OG0 |
                     Bralan BLAG09000077 1 | OG0 |
                      -Acagra_model.g4689.t1 | OG0 |
          35
                       Skow XM 002732082.2 | OG0 |
                          •Hsap ENST00000283027 | OG0 |
                           •Tetwil_g4220.t2 | OG0 |
                            •Stycar_maker-SC_scaffold6061-snap-gene-0.46-mRNA-1 | OG0 |
                            •Spolac_c100390_g1_i2_m.22297c100390-g1 | OG0 |
                             Spolac_c100390_g1_i1_m.22296c100390-g1 | OG0 |
                         100
                                Emue Em0020g938a.t1 | OG0 |
                              <sup>1001</sup>Emue Em0630g2a.t1 | OG0 |
                   47
                             •Exapal XM 021045723.2 | OG0 |
                       100
                             •Nvec_v1g236650 | OG0 |
                            Gfas gfas1.m1.4961.m1 | OG0 |
                               •Spis XP 022795443 1 | OG0 |
                            <sup>98</sup> -Pocdam_XM_027190067.1 | OG0 |
                                ·spp_ffun1.m4.16563.m1 | OG0 |
                 29
                                 •Gasp_gasp1.m3.4819.m1 | OG0 |
                                   Amil_Amillepora23257-RA | OG0 |
                                 <sup>100</sup> Adig_XM_015912794.1 | OG0 |
                           •Plajan_Pjan_scaffold21996_01 | OG0 |
                                •Hvul_g22121_1 | OG0 |
                        100
                                 Chem_TCONS_00045718 | OG0 |
                                  Lcom | lcpid204046 | OG0 |
                   37
                                  Salurc_EP00051_Salpingoeca_urceolata_P005504 | OG0 |
                                    Salmac EP00052 Salpingoeca macrocollata P005239 | OG0 |
                             100
                                       Salpun_EP00053_Salpingoeca_punica_P016392 | OG0 |
                                      •Mylflu_EP00047_Mylnosiga_fluctuans_P019256 | OG0 |
                           28
                                    Salkve_EP00050_Salpingoeca_kvevrii_P004477 | OG0 |
                                       Salkve_EP00050_Salpingoeca_kvevrii_P004478 | OG0 |
                                  Gracom Gcom scaffold10641 01 | OG0 |
                                    •Lcom_lcpid105548 | OG0 |
                              100
                                       -Leuniv_Lniv_scaffold19419_01 | OG0 |
                                                      ·Clacor Ccor scaffold13929 01 | OG0 |
                                       Saldol_EP00054_Salpingoeca_dolichothecata_P016624 | OG0 |
                                          Diagra EP00040 Diaphanoeca grandis P021803 | OG0 |
                             95
                                  98
                                             Didcos_EP00039_Didymoeca_costata_P019107 | OG0 |
                                98
                                         Stedip_EP00041_Stephanoeca_diplocostata_P017945 | OG0 |
                                            -Acaspe EP00035 Acanthoeca_spectabilis_P021894 | OG0 |
                                  100
                                       <sup>100</sup>□-Helnan_EP00037_Helgoeca_nana_P016217 | OG0 |
                                        Codhol EP00042 Codosiga hollandica P036010 | OG0 |
                                                 •Salinf_EP00049_Salpingoeca_infusionum_P027482 | OG0 |
                              55
                                            Microa EP00043 Microstomoeca roanoka P026459 | OG0 |
                                96
                                     100
                                             Sros EGD74114 | OG0 |
                                             •Mbre_EDQ90668 | OG0 |
                                  64
                                                Chofle_EP00730_Choanoeca_flexa_P005366 | OG0 |
                                          <sup>100</sup>L•Choper EP00045 Choanoeca perplexa P010639 | OG0 |
0.416667
```