```
•Bralan BLAG01000939 1 | OG0 |
             •Hsap_ENST00000367833 | OG0 |
                      •Tcas_TC007443_001 | OG0 |
     41
                                          Lcom lcpid206130 | OG0 |
 60
                Lcom | lcpid189423 | OG0 |
                •Cgig XM 034475205.1 | OG0 |
   52
               Acagra model.g3165.t1 | OG0 |
             100 Acagra model.g3165.t1.1.5d3b823b | OG0 |
     28
                     •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA149664 | OG0 |
                                Horcal Hcv1.av93.c6.g1176.i1 | OG0 |
                             100 Pbac sb2641278 | OG0 |
          77
                                  Drygla_Dgla_sb283602 | OG0 |
                      100
                               <sup>100</sup>Drygla Dgla sb283603 | OG0 |
                                    Beraby_Baby_sb326020 | OG0 |
                           95
                                 <sup>100</sup> Beraby Baby_sb326021 | OG0 |
                                    Bolinf Binf sb1246840 | OG0 |
                             76
                                 <sup>100</sup> Mertsp Mesp sb541748 | OG0 |
                                     •Vmul_sbMO385279 | OG0 |
                                               •Lampan_Lpan_10588_01 | OG0 |
                                 58
                                                 •Coemet Cmet C595999 01 | OG0 |
                                                   Coeast Cast sb774589 | OG0 |
                                                100 Coeast Cast sb774590 | OG0 |
            •Cscu_XM_023372097.1 | OG1 |
   79
               •Dpul_mRNA9347 | OG1 |
              Spur XM 030994548.1 | OG1 |
     84
            Skow XM 002740757.2 | OG1 |
                       •Hvul_g17206_1 | OG1 |
                       •Morvir scaffold57.g62.t1 | OG1 |
                          Hvul g17205 1 | OG1 |
           95
 60
                                      •Hvul_g17207_1 | OG1 |
                      ·Aaur_scaffold596.g20.t1 | OG1 |
             69
                         •Sanmal_Sma_001471-T1 | OG1 |
       93
                         Nemnom g15193.t1 | OG1 |
                     <sup>100</sup><sup>1</sup>-Rhoesc_Res_008167-T1 | OG1 |
                     Dgig XM 028559091.1 | OG1 |
                100
   65
                       •Xesp 011283-T1 | OG1 |
                     •Exapal XM 021054965.2 | OG1 |
             98
                   •Nvec v1g232080 | OG1 |
                   •Amil Amillepora20025-RA | OG1 |
                     Gfas gfas1.m1.7246.m1 | OG1 |
              100
                        -Spis_XP_022785518 1 | OG1 |
                 98
                     <sup>100</sup> Pocdam XM 027188074.1 | OG1 |
                        -Gasp gasp1.m3.4159.m1 | OG1 |
                     <sup>100</sup> Fspp ffun1.m4.19512.m1 | OG1 |
                         Clacor Ccor C536369 01 | OG1 |
     60
                          •Gracom Gcom scaffold11996 01 | OG1 |
             100
                            •Scil_scict001729.1 | OG1 |
                     100
                                •Lcom_lcpid85966 | OG1 |
                               Leuniv Lniv C751017 01 | OG1 |
         83
                         •Plajan Pjan C550345 01 | OG1 |
                             Opea EP00118 Oscarella pearsei P002542 | OG1 |
                          100 Ocar_g6949 | OG1 |
                         •Plespi_Pspi_scaffold9496_01 | OG1 |
                            Stycar_maker-SC_scaffold4090-augustus-gene-0.7-mRNA-1 | OG1 |
                               •Aque Aqu2.1.37465 001 | OG1 |
              93
                   98
                         100
                              Xestes maker-XT scaffold119656-snap-gene-0.48-mRNA-1 | OG1 |
                92
                                        •Tetwil g9192.t1 | OG1 |
                            •Spolac_c95084_g1_i1_m.10940c95084-g1 | OG1 |
                               •Emue Em0001g3379a.t1 | OG1 |
                         •HoiH11 mRNA3171 | OG1 |
                             TrH2 TrispH2 001197-RA | OG1 |
                     100
                          <sup>100</sup><sup>1</sup>Tadh TriadT56416 | OG1 |
                                 loiH23_PIH23_000270-RA | OG1 |
                            Hhon_g05415.t1 | OG1 |
                             <sup>100</sup> HoiH04 mRNA10672 | OG1 |
                                     Didcos EP00039 Didymoeca costata P004900 | OG1 |
                                         Didcos EP00039 Didymoeca costata P004899 | OG1 |
                                 100
                                    100 Didcos EP00039 Didymoeca costata P004901 | OG1 |
                      97
                                      Diagra EP00040 Diaphanoeca grandis P022578 | OG1 |
                                      Acaspe EP00035 Acanthoeca spectabilis P026732 | OG1 |
                        99
                                100
                                      Helnan EP00037 Helgoeca nana P012660 | OG1 |
                          100
                                        Stedip_EP00041_Stephanoeca_diplocostata_P015435 | OG1 |
                                   100 Stedip_EP00041_Stephanoeca_diplocostata_P015436 | OG1 |
                   100
                                 Salmac EP00052 Salpingoeca macrocollata P025669 | OG1 |
                                       Salurc_EP00051_Salpingoeca_urceolata_P031904 | OG1 |
                            82
                                       Saldol EP00054 Salpingoeca dolichothecata P017641 | OG1 |
                                            •Salpun_EP00053_Salpingoeca_punica_P019469 | OG1 |
                                                  •Mylflu_EP00047_Mylnosiga_fluctuans_P008889 | OG1 |
                                             100 Mylflu_EP00047_Mylnosiga_fluctuans_P008890 | OG1 |
                                       Salkve EP00050 Salpingoeca kvevrii P019049 | OG1 |
                                              Codhol EP00042 Codosiga hollandica P044531 | OG1 |
                                                -Codhol_EP00042_Codosiga_hollandica_P044532 | OG1 |
                                                •Chofle_EP00730_Choanoeca_flexa_P003636 | OG1 |
                                               -Choper_EP00045_Choanoeca_perplexa_P002258 | OG1 |
                                       100
                                                   •Microa_EP00043_Microstomoeca_roanoka_P000825 | OG1 |
                                          100
                                                  •Sros EGD77553 | OG1 |
0.416667
```