```
Bralan BLAG07000784 1 | OG0 |
      99
              •Hsap ENST00000269143 | OG0 |
    99
             Skow_XM_002741157.2 | OG0 |
      100
              Spur_XM_011670662.2 | OG0 |
              Cscu XM 023367566.1 | OG0 |
 100
                ·Tcas TC002463 001 | OG0 |
       100
                •Dpul mRNA2292 | OG0 |
    100
              Acagra_model.g30392.t1 | OG0 |
                   Ctel gnl WGS AMQN CAPTEDRAFT mRNA177529 | OG0 |
       99
                              Lcom | lcpid243975 | OG0 |
                                 Cgig XM 011418146.3 | OG0 |
                   Clacor Ccor C509925 01 | OG1 |
           96
                     Clacor_Ccor_C517633_01 | OG1 |
                              Clacor_Ccor_scaffold14818_01 | OG1 |
                           Lcom Icpid39329 | OG1 |
             93
                             Leuniv Lniv scaffold22435 01 | OG1 |
                   100
                                •Gracom_Gcom_C558816_01 | OG1 |
                      100
         97
   97
                               •Scil_scict001565.2 | OG1 |
                            Lcom_lcpid39657 | OG1 |
                                 Leuniv Lniv C803282 01 | OG1 |
                     100
                                  Scil scict019049.1 | OG1 |
                          99
                                   Gracom Gcom scaffold17383 01 | OG1 |
                                       -Leuniv_Lniv_scaffold25169_01 | OG1 |
      90
                        Eupdun_Edun_sb10641968 | OG1 |
                     <sup>100</sup> Eupdun Edun_sb10641969 | OG1 |
                              -Lampan Lpan 15801 01 | OG1 |
                             Vmul Simscaffold16469 01 | OG1 |
                   99
                                 rCoeast_Cast_sb786339 | OG1 |
          100
                      100
                                    •Coeast_Cast_sb786341 | OG1 |
                                  Coeast Cast sb786342 | OG1 |
                                   Coemet Cmet scaffold8173 01 | OG1 |
                                 100
                                   •Horcal Hcv1.av93.c3.g941.i1 | OG1 |
                              •Drygla_Dgla_sb307197 | OG1 |
                               Drygla Dgla sb307195 | OG1 |
                             <sup>931</sup>Drygla Dgla_sb307196 | OG1 |
                   100
                                 Beraby_Baby_sb332869 | OG1 |
                               <sup>100</sup> Bolinf Binf sb1170028 | OG1 |
                                Bolinf Binf sb1261672 | OG1 |
                      100
                             <sup>100</sup> Mertsp Mesp sb569962 | OG1 |
 100
                                rVmul sbMO382838 | OG1 |
                             <sup>100</sup> Mlei_ML0998.g6.i1 | OG1 |
                    Didcos_EP00039_Didymoeca_costata_P023193 | OG1 |
                    Diagra_EP00040_Diaphanoeca_grandis_P029116 | OG1 |
         100
                        Stedip_EP00041_Stephanoeca_diplocostata_P029187 | OG1 |
            100
                        Acaspe EP00035 Acanthoeca spectabilis P034294 | OG1 |
                        •Helnan_EP00037_Helgoeca_nana_P013513 | OG1 |
                      -Salkve_EP00050_Salpingoeca_kvevrii_P005440 | OG1 |
           94
                       Salinf_EP00049_Salpingoeca_infusionum_P023018 | OG1 |
                       Saldol EP00054 Salpingoeca dolichothecata P016640 | OG1 |
                          Salpun EP00053 Salpingoeca punica P015394 | OG1 |
         93
                          Salmac_EP00052_Salpingoeca_macrocollata_P014063 | OG1 |
                         Salpun_EP00053_Salpingoeca_punica_P015391 | OG1 |
           72
                          ·Codhol_EP00042_Codosiga_hollandica_P041219 | OG1 |
                          Salurc EP00051 Salpingoeca urceolata P023086 | OG1 |
                         Salmac EP00052 Salpingoeca macrocollata P014065 | OG1 |
             58
                              Salinf EP00049 Salpingoeca infusionum P023019 | OG1 |
               86
                           Sros EGD79279 | OG1 |
                             •Microa_EP00043_Microstomoeca_roanoka_P018250 | OG1 |
                           Mbre EDQ90449 | OG1 |
                            Chofle EP00730 Choanoeca flexa P016057 | OG1 |
    89
                           Choper_EP00045_Choanoeca_perplexa_P016614 | OG1 |
                    Plajan_Pjan_C568140_01 | OG1 |
                      •Ocar_g4004 | OG1 |
                     --Ocar_g4005 | OG1 |
         70
                   <sup>51</sup>Opea EP00118 Oscarella pearsei P011882 | OG1 |
                         •Plespi_Pspi_scaffold6258_01 | OG1 |
           47
                       -Xestes_augustus_masked-XT_scaffold152341-processed-gene-0.1-mRNA-1 | OG1 |
                          -Halamb_c48600_g1_i1m.24493 | OG1 |
                  100
             100
                          Aque Aqu2.1.12937_001 | OG1 |
                            Aque Aqu2.1.40946 001 | OG1 |
                          851-Aque_Aqu2.1.16830_001 | OG1 |
                75
                          Stycar maker-SC scaffold3167-augustus-gene-0.44-mRNA-1 | OG1 |
                    40<sup>1</sup>
                              Tetwil g10012.t2 | OG1 |
                           Spolac c103462_g1_i1_m.34377c103462-g1 | OG1 |
                  61
      100
                           Emue Em0018g934a.t1 | OG1 |
                      100
                             Emue_Em0018g922a.t1 | OG1 |
                                        -Spolac_c103462_g1_i2_m.34378c103462-g1 | OG1 |
                     TrH2 TrispH2 000448-RA | OG1 |
                  <sup>1001</sup>Tadh TriadT30182 | OG1 |
                      •HoiH11 mRNA2375 | OG1 |
               100
                          •HoiH23_PIH23_005215-RA | OG1 |
                       <sup>100</sup> HoiH06_mRNA13199 | OG1 |
                          Hhon_g09640.t1 | OG1 |
                       <sup>100</sup> HoiH04 mRNA4514 | OG1 |
                         •Hvul g22271 1 | OG1 |
         92
                100
                       -Chem_TCONS_00062164 | OG1 |
                     •Morvir_scaffold564.g4.t1 | OG1 |
                      •Sanmal_Sma_025666-T1 | OG1 |
               99
                        •Sanmal_Sma_025667-T1 | OG1 |
                 99
                        -Nemnom g1343.t1 | OG1 |
                      <sup>100</sup><sup>1</sup>-Rhoesc_Res_010782-T1 | OG1 |
           89
                      •Dgig_XM_028554121.1 | OG1 |
                      -Xesp_005225-T1 | OG1 |
                       •Nvec_v1g107005 | OG1 |
                  100
                               Exapal XM 021055121.2 | OG1 |
                         •Gfas_gfas1.m1.21399.m1 | OG1 |
               100
                           Amil_Amillepora34044-RA | OG1 |
                     100
                        <sup>100</sup> Adig_XM_015919322.1 | OG1 |
                           -Spis_XP_022787768 1 | OG1 |
                  100
                       <sup>100</sup> Pocdam XM 027190450.1 | OG1 |
                                      -Gasp_gasp1.m3.28277.m1 | OG1 |
                            --Fspp_ffun1.m4.25894.m1 | OG1 |
                          <sup>31</sup>└-Gfas_gfas1.m1.14362.m1 | OG1 |
0.416667
```