```
Didcos EP00039 Didymoeca costata P030126 | OG0 |
                 Diagra EP00040 Diaphanoeca grandis P010445 | OG0 |
     100
                 Stedip EP00041 Stephanoeca diplocostata P003242 | OG0 |
        100
                  •Acaspe_EP00035_Acanthoeca_spectabilis_P024400 | OG0 |
              100
                   •Helnan_EP00037_Helgoeca_nana_P011897 | OG0 |
                   Saldol EP00054 Salpingoeca dolichothecata P008646 | OG0 |
               | Saldol_EP00054_Salpingoeca_dolichothecata_P008647 | OG0
 100
                   ·Codhol_EP00042_Codosiga_hollandica_P040644 | OG0 |
      93
                      •Codhol_EP00042_Codosiga_hollandica_P040645 | OG0 |
        60
                 ·Salmac EP00052 Salpingoeca macrocollata P007511 | OG0 |
                  Salpun EP00053 Salpingoeca punica P025110 | OG0 |
    98
                    •Mylflu_EP00047_Mylnosiga_fluctuans_P008304 | OG0 |
                  Salurc_EP00051_Salpingoeca_urceolata_P006057 | OG0 |
                    Salkve_EP00050_Salpingoeca_kvevrii_P008060 | OG0 |
                       •Sros EGD76791 | OG0 |
                        Salinf EP00049 Salpingoeca infusionum P022313 | OG0 |
            100
                         •Mbre EDQ85042 | OG0 |
                           -Choper_EP00045_Choanoeca_perplexa_P022232 | OG0 |
                             -Chofle_EP00730_Choanoeca_flexa_P000731 | OG0 |
                          100<sup>1</sup>-Chofle EP00730 Choanoeca_flexa_P000733 | OG0 |
            •Plajan Pjan C533383 01 | OG0 |
                  •Opea_EP00118_Oscarella_pearsei_P000634 | OG0 |
     100
               <sup>100</sup> Ocar_g1784 | OG0 |
                  Clacor_Ccor_scaffold13230_01 | OG0 |
                Leuniv Lniv scaffold15021 01 | OG0 |
      100
                    Lcom | lcpid38876 | OG0 |
           100
                     Scil scict009367.1 | OG0 |
 100
                       •Gracom_Gcom_C553942_01 | OG0 |
                •Hsap ENST00000397912 | OG0 |
                  •Chem TCONS 00073201 | OG0 |
             100
                           •Hvul_g5049_1 | OG0 |
                          •Eupdun Edun sb10632172 | OG0 |
                            Drygla_Dgla_sb291097 | OG0 |
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                                  -Horcal_Hcv1.av93.c1.g863.i1 | OG0 |
                       90
                           <sup>100</sup> Pbac sb2667909 | OG0 |
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                     95
                            Beraby Baby sb334702 | OG0 |
                              Bolinf_Binf_sb1195236 | OG0 |
                       96
                           <sup>100</sup>¹•Mertsp_Mesp_sb529340 | OG0 |
      78
                              Mlei ML0192.g22.i1 | OG0 |
                  74
                                 Vmul sbMO390586 | OG0 |
                           -Lampan_Lpan_7351_01 | OG0 |
                               Vmul_SimC378990 | OG0 |
                          <sup>100</sup> Vmul_sbMO397014 | OG0 |
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                                <sub>!</sub>Coemet_Cmet_scaffold8764_01 | OG0 |
                       100
                             100<sup>1</sup>Coemet Cmet_scaffold8765_01 | OG0 |
                                Coeast Cast sb769439 | OG0 |
                                 Coeast_Cast_sb769438 | OG0 |
        76
                                1 Coeast_Cast_sb769440 | OG0 |
                        •Morvir_scaffold62.g26.t1 | OG0 |
                          •Sanmal_Sma_019247-T1 | OG0 |
                          •Rhoesc Res 006281-T1 | OG0 |
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                               •Nemnom_g10674.t1 | OG0 |
                         <sup>100</sup> Nemnom_g19518.t1 | OG0 |
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                       •Nvec_v1g28622 | OG0 |
                        Exapal_XM_028658302.1 | OG0 |
                                  •Gasp_gasp1.m3.9458.m1 | OG0 |
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                           Spis_XP_022785864_1 | OG0 |
                       <sup>100</sup>□-Pocdam_XM_027180851.1 | OG0 |
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                        •Fspp_ffun1.m4.2042.m1 | OG0 |
                            •Gfas_gfas1.m1.9747.m1 | OG0 |
                             Amil Amillepora24933-RA | OG0 |
                              _Adig_XM_015913742.1 | OG0 |
                             •4•Adig_XM_015913741.1 | OG0 |
                          Dgig_XM_028544792.1 | OG0 |
                       •Xesp_004649-T1 | OG0 |
                          •Tetwil_g2515.t1 | OG0 |
                                |Spolac_c96631_g1_i1_m.13437c96631-g1 | OG0
                  100
                                -Aque_Aqu2.1.34346_001 | OG0 |
                               •Halamb_c36745_g1_i1m.9503 | OG0 |
            58
                        Bralan_BLAG01001387_1 | OG0 |
                        •Skow_XM_002734178.2 | OG0 |
                           Spur_XM_785912.5 | OG0 |
                                   -Lcom_lcpid244483 | OG0 |
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                              •Cgig XM 034481346.1 | OG0 |
                            <sup>1001</sup>•Cgig_XM_034481347.1 | OG0 |
                 26
                                 •Acagra_model.g14051.t1 | OG0 |
                                  Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA201413 | OG0 |
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                                     "Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA39091 | OG0 |
                                  1001-Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA39529 | OG0 |
                               •Dpul mRNA11981 | OG0 |
                               •Cscu_XM_023383694.1 | OG0 |
                         84
                                  •Tcas_TC005495_001 | OG0 |
                                   TrH2_TrispH2_000396-RA | OG0 |
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                                 <sup>1001</sup>-Tadh_TriadT59810 | OG0 |
                                    <sub>-</sub>-HoiH23_PIH23_000451-RA | OG0 |
                                  <sup>98</sup> HoiH06_mRNA14436 | OG0 |
                                    Hhon g05790.t1 | OG0 |
                                  83 HoiH04 mRNA15785 | OG0 |
0.416667
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