```
Saldol EP00054 Salpingoeca dolichothecata P036243 | OG0 |
                     Salinf EP00049 Salpingoeca infusionum P009713 | OG0 |
                  Microa_EP00043_Microstomoeca_roanoka_P017992 | OG0 |
           80
                   Sros_EGD77998 | OG0 |
    100
                 Mbre EDQ91772 | OG0 |
                  Chofle_EP00730_Choanoeca_flexa_P017128 | OG0 |
                  Choper_EP00045_Choanoeca_perplexa_P000117 | OG0 |
                  Salmac_EP00052_Salpingoeca_macrocollata_P015811 | OG0 |
       56
                    80
                          -Codhol_EP00042_Codosiga_hollandica_P026389 | OG0 |
                    Salpun_EP00053_Salpingoeca_punica_P002891 | OG0 |
         38
                   •Mylflu_EP00047_Mylnosiga_fluctuans_P010902 | OG0 |
                       Salkve EP00050 Salpingoeca kvevrii P011588 | OG0 |
           82
               56
                      Didcos_EP00039_Didymoeca_costata_P020945 | OG0 |
                        Acaspe EP00035 Acanthoeca spectabilis P021796 | OG0 |
             79
                  100
                        •Helnan EP00037 Helgoeca nana P034103 | OG0 |
               63
                        Stedip_EP00041_Stephanoeca_diplocostata_P009797 | OG0 |
                           Diagra EP00040 Diaphanoeca grandis P001095 | OG0 |
              •Lcom_lcpid49727 | OG1 |
                        -Lampan_Lpan_10212_01 | OG1 |
                              •Pbac sb2663189 | OG1 |
                 100
                          •Mlei_ML2796.g17.i1 | OG1 |
                            Bolinf_Binf_sb1283021 | OG1 |
                         1001 Bolinf_Binf_sb1283025 | OG1 |
         63
                            <sup>11</sup>Bolinf_Binf_sb1283022 | OG1 |
                    TrH2 TrispH2 006016-RA | OG1 |
    100
                  <sup>100</sup><sup>1</sup>-Tadh_TriadT21000 | OG1 |
                      •HoiH23 PIH23 002915-RA | OG1 |
               100
                    •HoiH11 mRNA3950 | OG1 |
                         Hhon_g01429.t1 | OG1 |
                      <sup>100</sup> HoiH04_mRNA7205 | OG1 |
                            Stedip_EP00041_Stephanoeca_diplocostata_P010608 | OG1 |
       53
                      •Xestes_maker-XT_scaffold26818-augustus-gene-0.13-mRNA-1 | OG1 |
                     Aque_Aqu2.1.20656_001 | OG1 |
                        Aque_Aqu2.1.20667_001 | OG1 |
                  100
                     <sup>100</sup>-Aque_Aqu2.1.02488_001 | OG1 |
                        Bralan BLAG09000608 1 | OG1 |
                           Spur_XM_030984161.1 | OG1 |
                  90
                            Skow_XM_006818619.1 | OG1 |
                69
                              Cscu XM 023363282.1 | OG1 |
                             Hsap_ENST00000248114 | OG1 |
         53
                                   •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA226289 | OG1 |
                              Cgig_XM_011429433.3 | OG1 |
             50
                                      •Tcas_TC003291_001 | OG1 |
                           •Dpul mRNA25326 | OG1 |
                         Chem_TCONS_00062805 | OG1 |
                             •Hvul_g12963_1 | OG1 |
                               -Morvir_scaffold253.g15.t1 | OG1 |
                   98
                                 •Sanmal_Sma_012851-T1 | OG1 |
                      98
                                •Aaur_scaffold314.g9.t2 | OG1 |
                        100
           59
                                  •Nemnom g10142.t1 | OG1 |
                                •Rhoesc_Res_013947-T1 | OG1 |
                        •Dgig_XM_028550873.1 | OG1 |
                    100
                            •Xesp_016479-T1 | OG1 |
                          •Plajan_Pjan_C527711_01 | OG1 |
               85
                              Opea_EP00118_Oscarella_pearsei_P011949 | OG1 |
                  96
                           <sup>100</sup> Ocar_g10963 | OG1 |
                           Emue_Em0011g830a.t1 | OG1 |
             40
                          •Spolac_c98173_g1_i1_m.16614c98173-g1 | OG1 |
                          •Tetwil g18988.t1 | OG1 |
                             Stycar_maker-SC_scaffold5823-augustus-gene-0.7-mRNA-1 | OG1 |
               52
                            -xapal_XM_021060516.2 | OG1 |
                              •Exapal_XM_021060382.2 | OG1 |
                           Nvec v1g108683 | OG1 |
                         Gasp_gasp1.m3.5340.m1 | OG1 |
                              Fspp_ffun1.m4.19945.m1 | OG1 |
                               •Gfas_gfas1.m1.21794.m1 | OG1 |
                                 Amil_Amillepora13943-RA | OG1 |
                                     •Adig_XM_015917420.1 | OG1 |
                               Spis_XP_022784147_1 | OG1 |
                               -Pocdam XM 027191417.1 | OG1 |
                                      --Gfas gfas1.m1.12552.m1 | OG1 |
0.416667
```