```
•Plespi_Pspi_C595846 01 | OG0 |
                                      -Lcom_lcpid207569 | OG0 |
                              •Lcom_lcpid207232 | OG0 |
 78
                •Spolac_c60999_g1_i1_m.1623c60999-g1 | OG0 |
                 Emue Em0015g1210a.t1 | OG0 |
   37
               <sup>72</sup>└-•Emue_Em0015g1233a.t1 | OG0 |
                •Tetwil g11448.t1 | OG0 |
     97
              Stycar_augustus_masked-SC_scaffold3611-processed-gene-0.4-mRNA-1 | OG0 |
                •Xestes_augustus_masked-XT_scaffold2509-processed-gene-0.4-mRNA-1 | OG0 |
                 -Aque_Aqu2.1.33671_001 | OG0 |
                    Halamb c59095 g1 i1m.44969 | OG0 |
            •Plajan_Pjan_C538808_01 | OG1 |
             Opea_EP00118_Oscarella_pearsei_P009561 | OG1 |
   97
          <sup>100</sup> -Ocar_g3623 | OG1 |
             Dgig XM 028535241.1 | OG1 |
                -Xesp 010083-T1 | OG1 |
               •Clacor Ccor scaffold10225 01 | OG1 |
               -Lcom | lcpid86955 | OG1 |
          100
                  •Lcom_lcpid105438 | OG1 |
 78
                     •Gracom_Gcom_C539096_01 | OG1 |
                      Leuniv Lniv scaffold5818 01 | OG1 |
                   74 Scil scict010496.2 | OG1 |
                       -HoiH06_mRNA1856 | OG1 |
                  •HoiH23 PIH23 007765-RA|OG1|
               100
   75
                         TrH2 TrispH2 000531-RA | OG1 |
                 82
                          Tadh TriadT64078 | OG1 |
                         •Hhon_g00159.t1 | OG1 |
           75
                      <sup>100]</sup>-HoiH04_mRNA12842 | OG1 |
                         •Exapal XM 021040597.2 | OG1 |
                       Nvec v1g200737 | OG1 |
                       Spis XP 022782118 1 | OG1 |
               99
                    <sup>1001</sup>•Pocdam_XM_027200137.1 | OG1 |
                       •Gfas_gfas1.m1.5061.m1 | OG1 |
                            -Gasp gasp1.m3.516.m1 | OG1 |
                        <sup>981</sup>Fspp ffun1.m4.26922.m1 | OG1 |
         36
                           Amil_Amillepora25301-RA | OG1 |
                             Adig XM 015900002.1 | OG1 |
                           <sup>841</sup>-Adig_XM_015893293.1 | OG1 |
                    Bralan BLAG15000873 1 | OG1 |
                              Didcos EP00039 Didymoeca costata P018139 | OG1 |
                                    Diagra_EP00040_Diaphanoeca_grandis_P011764 | OG1 |
                       100
                                    Stedip_EP00041_Stephanoeca_diplocostata_P008582 | OG1 |
           37
                          99
                                     •Acaspe_EP00035_Acanthoeca_spectabilis_P020155 | OG1 |
                                 <sup>981</sup>-Helnan EP00037_Helgoeca_nana_P032040 | OG1 |
                100
                                  Salinf EP00049 Salpingoeca infusionum P017788 | OG1 |
                              -Saldol_EP00054_Salpingoeca_dolichothecata_P009179 | OG1 |
                     76
                                     Saldol_EP00054_Salpingoeca_dolichothecata_P009178 | OG1 |
                              <sup>100</sup> Saldol_EP00054_Salpingoeca_dolichothecata_P009181 | OG1 |
                   94
                              •Codhol_EP00042_Codosiga_hollandica_P023669 | OG1 |
                               •Mylflu EP00047 Mylnosiga fluctuans P001482 | OG1 |
                               Salpun_EP00053_Salpingoeca_punica_P001555 | OG1 |
                       28
                                  Salmac_EP00052_Salpingoeca_macrocollata_P033049 | OG1 |
                         57
                                      ·Salurc_EP00051_Salpingoeca_urceolata_P026686 | OG1 |
                           59
                                        -Salkve_EP00050_Salpingoeca_kvevrii_P015628 | OG1 |
                                        •Microa EP00043 Microstomoeca roanoka P029667 | OG1 |
                                           •Mbre_EDQ93043 | OG1 |
                                 100
                                           Choper_EP00045_Choanoeca_perplexa_P004746 | OG1 |
                                               •Chofle_EP00730_Choanoeca_flexa_P016591 | OG1 |
                                       100
                                         <sup>1001</sup>Chofle EP00730_Choanoeca_flexa_P016592 | OG1 |
                    -Acagra_model.g11954.t1 | OG1 |
                       Lcom lcpid106311 | OG1 |
                              •Cgig_XM_020063450.2 | OG1 |
                         Hsap_ENST00000532642 | OG1 |
           38
                           Skow_XM_006816645.1 | OG1 |
                             Spur XM 785558.5 | OG1 |
             57
                           <sup>100</sup> Spur_XM_030988564.1 | OG1 |
                          Ctel gnl_WGS_AMQN_CAPTEDRAFT_mRNA155226 | OG1 |
                                  Cscu XM 023367374.1 | OG1 |
                                •Dpul mRNA27139 | OG1 |
                                  -Tcas TC000524 001 | OG1 |
         51
                            100
                                       •Tcas TC004599 001 | OG1 |
                       Chem_TCONS_00057051 | OG1 |
                 99
                        •Hvul_g30998_1 | OG1 |
                      •Morvir scaffold158.g11.t1 | OG1 |
              99
                        •Sanmal Sma 012026-T1 | OG1 |
                           •Aaur scaffold99.g12.t2 | OG1 |
                   100
                           •Nemnom_g12107.t1 | OG1 |
                        <sup>100</sup><sup>L</sup>•Rhoesc_Res_016258-T1 | OG1 |
                              Vmul SimC402254 | OG1 |
                                   Coeast Cast sb775676 | OG1 |
                                <sup>92</sup> Coemet_Cmet_scaffold12255_01 | OG1 |
                           100
                                           •Eupdun_Edun_sb10631671 | OG1 |
                                               •Pbac_sb2653175 | OG1 |
                              93
                                          Horcal Hcv1.av93.c9.g342.i1 | OG1 |
                                     100
                                        <sup>98</sup> Pbac sb2638305 | OG1 |
                                       Mertsp_Mesp_sb584839 | OG1 |
                                84
                                          Mertsp_Mesp_sb584835 | OG1 |
                                    100
                                       •Drygla_Dgla_sb278709 | OG1 |
                                            -Bolinf Binf sb1234879 | OG1 |
                                             Mertsp_Mesp_sb584840 | OG1 |
                                                Mertsp_Mesp_sb584838 | OG1 |
                                              100 Mertsp_Mesp_sb584834 | OG1 |
                                             <sub>[</sub>Beraby_Baby_sb335689 | OG1 |
                                           <sup>1001</sup>Beraby_Baby_sb335690 | OG1 |
                                              -Lampan_Lpan_C410375_01 | OG1 |
                                                Mlei_ML1231.g9.i1 | OG1 |
                                             <sup>100</sup> Vmul_sbMO383979 | OG1 |
0.416667
```