```
Saldol_EP00054_Salpingoeca_dolichothecata_P002497 | OG0 |
            Galdol_EP00054_Salpingoeca_dolichothecata_P002498 | OG0 |
               Salpun_EP00053_Salpingoeca_punica_P003963 | OG0 |
                  •Salmac_EP00052_Salpingoeca_macrocollata_P009372 | OG0 |
 79
                     Salmac EP00052 Salpingoeca macrocollata P009370 | OG0 |
               100

    Salmac EP00052 Salpingoeca macrocollata P009374 | OG0 |

                              •Mylflu_EP00047_Mylnosiga_fluctuans_P003626 | OG0 |
   81
                         -Salurc_EP00051_Salpingoeca_urceolata_P027801 | OG0 |
                                     •Salkve_EP00050_Salpingoeca_kvevrii_P007772 | OG0 |
                                  Salinf EP00049 Salpingoeca infusionum P008836 | OG0 |
       79
                                 •Microa EP00043 Microstomoeca roanoka P001454 | OG0 |
                    98
                                      •Sros EGD81585 | OG0 |
              98
                                •Mbre_EDQ91090 | OG0 |
                               100
                             Choper EP00045 Choanoeca perplexa P002339 | OG0 |
                       Codhol EP00042 Codosiga hollandica P036907 | OG0 |
                        Didcos_EP00039_Didymoeca_costata_P000637 | OG0 |
   79
                           Diagra_EP00040_Diaphanoeca_grandis_P039885 | OG0 |
         99
                              Stedip_EP00041_Stephanoeca_diplocostata_P015357 | OG0 |
                               •Acaspe EP00035 Acanthoeca spectabilis P021837 | OG0 |
                  98
                        <sup>100</sup><sup>1</sup>-Helnan EP00037_Helgoeca_nana_P027836 | OG0 |
                       •Halamb_c14405_g1_i1mm.10 | OG0 |
                         •Aque_Aqu2.1.34849_001 | OG0 |
                  100
                          -Xestes_maker-XT_scaffold18189-snap-gene-0.14-mRNA-1 | OG0 |
                       100 -Xestes maker-XT scaffold908-augustus-gene-0.6-mRNA-1 | OG0 |
             100
                        Tetwil g4922.t2 | OG0 |
                        •Stycar_maker-SC_scaffold123222-snap-gene-0.1-mRNA-1 | OG0 |
                     <sup>100</sup> Stycar_maker-SC_scaffold5034-snap-gene-0.28-mRNA-1 | OG0 |
                91
                            •Plespi_Pspi_scaffold5740_01 | OG0 |
                               •Spolac c88742 g1 i1 m.5223c88742-g1 | OG0 |
                          <sup>100</sup><sup>1</sup>-Emue Em0018g37a.t1 | OG0 |
                          TrH2_TrispH2_000983-RA | OG0 |
                        66 Tadh TriadT63524 | OG0 |
                            •HoiH06 mRNA5496 | OG0 |
                     100
                             <sup>e</sup>HoiH23 PIH23 009502-RA | OG0 |
                        100
                                Hhon g02936.t1 | OG0 |
                             <sup>100</sup> HoiH04_mRNA17066 | OG0 |
              47
         100
                                 eHorcal_Hcv1.av93.c3.g1076.i1 | OG0 |
                              <sup>100</sup> Pbac_sb2660229 | OG0 |
                                   Bolinf Binf sb1223517 | OG0 |
                                <sup>1001</sup>Mertsp Mesp_sb574389 | OG0 |
                           100
                                      Lampan_Lpan_C386223_01 | OG0 |
                                         Vmul_Simscaffold5953_01 | OG0 |
                              85
                                          r-Coeast Cast sb786271 | OG0 |
                                     100
                                        <sup>100</sup> Coemet Cmet_C576860_01 | OG0 |
                                85
                                       Eupdun Edun sb10638326 | OG0 |
                                     <sup>100</sup> Eupdun_Edun_sb10638327 | OG0 |
                                          •Beraby_Baby_sb334445 | OG0 |
                                  81
                                            Bolinf Binf sb1227669 | OG0 |
            69
                                    90
                                         <sup>94</sup> Mlei ML1154.g7.i1 | OG0 |
                                            Drygla Dgla sb291982 | OG0 |
                                          100 Porygla_Dgla_sb291981 | OG0 |
                                             1 Drygla_Dgla_sb291983 | OG0 |
                               Skow XM 006817958.1 | OG0 |
                               •Ctel gnl WGS AMQN CAPTEDRAFT mRNA168580 | OG0 |
                              Cgig XM 011448096.3 | OG0 |
                    70
                35
                                 •Lcom | lcpid108360 | OG0 |
                                Acagra model.g29268.t1.1.5d3b8c8d | OG0 |
                  40
                               Lcom | lcpid189096 | OG0 |
                              ·Cscu XM 023373278.1 | OG0 |
                                •Dpul mRNA14681 | OG0 |
                                    •Tcas TC016317 001 | OG0 |
                        •Spur_XM_030975896.1 | OG0 |
                              •Hsap_ENST00000267750 | OG0 |
                55
                              -Morvir_scaffold10.g61.t1 | OG0 |
                                     •Hvul_g13931_1 | OG0 |
                       100
                                  Sanmal_Sma_025334-T1 | OG0 |
                                  -Nemnom g12272.t1 | OG0 |
                                <sup>100</sup><sup>1</sup>•Rhoesc_Res_010895-T1 | OG0 |
                                           •Opea _EP00118_Oscarella_pearsei_P026449 | OG0 |
                     76
                                           •Plajan_Pjan_C539428_01 | OG0 |
                                         Gracom_Gcom_C537818_01 | OG0 |
                            99
                                           Lcom_lcpid127551 | OG0 |
                                             -Scil_scict017865.1 | OG0 |
                                       100
                                             -Leuniv_Lniv_scaffold3258_01 | OG0 |
                       69
                                   -Dgig_XM_028554232.1 | OG0 |
                                  -Xesp 005268-T1 | OG0 |
                                 •Exapal_XM_021040991.2 | OG0 |
                         99
                                   •Nvec_v1g200413 | OG0 |
                                   •Adig_XM_015896240.1 | OG0 |
                                   -Gfas_gfas1.m1.2358.m1 | OG0 |
                                     Spis_XP_022799381_1 | OG0 |
                                   -Fspp_ffun1.m4.19667.m1 | OG0 |
                                   <sup>91</sup>-Gasp_gasp1.m3.26316.m1 | OG0 |
0.416667
```