```
•Plespi_Pspi_scaffold4420_01 | OG0 |
              •Eupdun_Edun_sb10693556 | OG0 |
   79
                     •Vmul_SimC392448 | OG0 |
                    •Coemet_Cmet_C593575_01 | OG0 |
        100
                    •Mlei ML0657.g9.i1 | OG0 |
           100
                     Drygla Dgla sb286978 | OG0 |
                     -Mertsp_Mesp_sb579707 | OG0 |
                       Bolinf_Binf_sb1235373 | OG0 |
              86
                         *Bolinf_Binf_sb1235374 | OG0 |
                       46 Mertsp Mesp_sb579706 | OG0 |
                88
                       •Lampan Lpan C399641 01 | OG0 |
                          Horcal Hcv1.av93.c2.g1558.i2 | OG0 |
                            Pbac_sb2639567 | OG0 |
                              Pbac_sb2649619 | OG0 |
                                                                  •Pbac sb2649618 | OG0 |
              Emue Em0015g782a.t1 | OG0 |
             <sub>r</sub>Spolac_c93985_g1_i1_m.9491c93985-g1 | OG0 |
                    •Emue_Em0015g785a.t1 | OG0 |
     99
           Tetwil_g27026.t1 | OG0 |
              Stycar snap masked-SC scaffold101447-processed-gene-0.1-mRNA-1 | OG0 |
                    Stycar maker-SC scaffold24168-snap-gene-0.7-mRNA-1 | OG0 |
   98
               <sup>100</sup>-Stycar_maker-SC_scaffold7469-snap-gene-0.74-mRNA-1 | OG0 |
                   Xestes_maker-XT_scaffold1785-augustus-gene-0.24-mRNA-1 | OG0 |
                Halamb_c52859_g1_i1mm.4836 | OG0 |
      100
                             •Aque Aqu2.1.32385 001 | OG0 |
         100
                      Aque Aqu2.1.32380 001 | OG0 |
              100
                    Aque_Aqu2.1.32381_001 | OG0 |
                 89
                      Aque Aqu2.1.09360 001 | OG0 |
                                •Aque_Aqu2.1.00597_001 | OG0 |
                       <sup>63</sup>-Aque Aqu2.1.17061_001 | OG0 |
                      Saldol EP00054 Salpingoeca dolichothecata P035119 | OG0 |
                             •Mylflu_EP00047_Mylnosiga_fluctuans_P005165 | OG0 |
                              Salmac EP00052 Salpingoeca macrocollata P001816 | OG0 |
                95
                          Microa EP00043 Microstomoeca roanoka P009734 | OG0 |
              57
         98
                        100
                             Sros EGD73030 | OG0 |
                                           •Chofle_EP00730_Choanoeca_flexa_P004644 | OG0 |
                                          •Choper EP00045 Choanoeca perplexa P016236 | OG0 |
                          Didcos EP00039 Didymoeca costata P002839 | OG0 |
                                      Codhol_EP00042_Codosiga_hollandica_P029106 | OG0 |
               38
                                   1001 Codhol EP00042 Codosiga hollandica P029109 | OG0 |
                               100
                                    Codhol_EP00042_Codosiga_hollandica_P029107 | OG0 |
                                 69 Codhol_EP00042_Codosiga_hollandica_P029108 | OG0 |
             35
                            ·Salurc_EP00051_Salpingoeca_urceolata_P014671 | OG0 |
                                   Salkve EP00050 Salpingoeca kvevrii P000907 | OG0 |
                              | Salkve EP00050 Salpingoeca_kvevrii_P000908 | OG0
                        Diagra_EP00040_Diaphanoeca_grandis_P024495 | OG0 |
               48
                          Diagra_EP00040_Diaphanoeca_grandis_P024494 | OG0 |
                            Stedip EP00041 Stephanoeca diplocostata P003485 | OG0 |
                  100
                                  Acaspe EP00035 Acanthoeca spectabilis P026086 | OG0 |
                                      •Helnan EP00037 Helgoeca nana P017439 | OG0 |
                          100
                                 Helnan_EP00037_Helgoeca_nana_P017437 | OG0 |
                                      •Helnan_EP00037_Helgoeca_nana_P017436 | OG0 |
              Lcom | lcpid73810 | OG0 |
              •Scil scict010719.2 | OG0 |
        100
               •Gracom Gcom C554142 01 | OG0 |
               •Leuniv_Lniv_scaffold10271_01 | OG0 |
              •Plajan_Pjan_scaffold22347_01 | OG0 |
                    Ocar g5516 | OG0 |
        98
                     Opea EP00118 Oscarella pearsei P007254 | OG0 |
                       -Opea EP00118 Oscarella pearsei P007256 | OG0 |
   96
                 •Dgig_XM_028545969.1 | OG0 |
                     •xesp_014720-11|0G0|
                    Morvir scaffold97.g38.t1 | OG0 |
                        -Nemnom_g19030.t1 | OG0 |
                    <sup>1001</sup>-Rhoesc_Res_006250-T1 | OG0 |
         98
                       -Aaur_scaffold937.g2.t1 | OG0 |
     91
                          -Sanmal_Sma_018915-T1 | OG0 |
                    Exapal XM 021039016.2 | OG0 |
                    Nvec v1g193548 | OG0 |
                  <sup>100</sup> Nvec v1g222786 | OG0 |
                    Amil_Amillepora22213-RA | OG0 |
                 <sup>100</sup> Adig_XM_015901548.1 | OG0 |
                    •Gfas_gfas1.m1.18136.m1 | OG0 |
                        <sup>•</sup>Spis_XP_022807895_1 | OG0 |
       84
                 60
                        •Pocdam XM 027181193.1 | OG0 |
                        Gasp gasp1.m3.116.m1 | OG0 |
                     91<sup>-</sup>Fspp_ffun1.m4.16197.m1 | OG0 |
                     TrH2_TrispH2_005246-RA | OG0 |
                  <sup>[100]</sup>-Tadh_TriadT19202 | OG0 |
                      <sub>"</sub>HoiH06_mRNA888 | OG0 |
               100
                    <sup>961</sup>•HoiH11 mRNA9698 | OG0 |
                      <sub>-</sub>HoiH23_PIH23_007345-RA | OG0 |
                         <sub>J</sub>·Hhon_g08152.t1 | OG0 |
         91
                      <sup>100</sup> HoiH04 mRNA2877 | OG0 |
                  •Hsap_ENST00000341754 | OG0 |
                    •Bralan_BLAG01002073_1 | OG0 |
                            Cscu_XM_023355293.1 | OG0 |
               55
                         100 Cscu XM_023357364.1 | OG0 |
             68
                    Skow XM 002736157.2 | OG0 |
                        •Spur XM 030991896.1 | OG0 |
               43
                            •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA116275 | OG0 |
                        •Acagra_model.g14957.t1.1.5d3b87fe | OG0 |
                           -Cgig_XM_011455847.3 | OG0 |
                                                                   -Tcas_TC011161_001 | OG0 |
0.416667
```