```
•Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA154238 | OG0 |
             •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA122230 | OG0 |
               •Lcom | lcpid225548 | OG0 |
           Cgig_XM_011430244.3 | OG0 |
           Bralan BLAG06000554_1 | OG0 |
  75
             Spur XM 030980308.1 | OG0 |
             •Skow_XM_002736135.2 | OG0 |
                -Hsap_ENST00000296504 | OG0 |
              •Hsap_ENST00000297109 | OG0 |
              Cscu XM 023362926.1 | OG0 |
                  •Tcas TC007931 001 | OG0 |
               •Dpul mRNA10484 | OG0 |
             •HoiH11_mRNA7282 | OG0 |
             TrH2_TrispH2_005461-RA | OG0 |
     100
          <sup>100</sup>Tadh_TriadT25386 | OG0 |
               HoiH23 PIH23 004980-RA | OG0 |
            <sup>98</sup> HoiH06 mRNA18 | OG0 |
               Hhon_g02855.t1 | OG0 |
35
             99<sup>1</sup>HoiH04_mRNA5272 | OG0 |
                -Scil scict026319.2 | OG0 |
           Opea_EP00118_Oscarella_pearsei_P025451 | OG0 |
                                   -Lampan_Lpan_15579_01 | OG0 |
                                          Coemet Cmet C583318 01 | OG0 |
                             100
                                                •Vmul SimC401974 | OG0 |
                                         •Mlei ML0579.g11.i1 | OG0 |
                                 98
                                           Horcal Hcv1.av93.c8.g967.i1 | OG0 |
                                        <sup>100</sup>Pbac sb2655024 | OG0 |
       •Exapal_XM_021059366.2 | OG0 |
       Nvec v1g120884 | OG0 |
       •Gfas gfas1.m1.1836.m1 | OG0 |
100
         Amil Amillepora08457-RA | OG0 |
       <sup>1001</sup>Adig XM 015914781.1 | OG0 |
  99
       Fspp ffun1.m4.9827.m1 | OG0 |
         Gasp gasp1.m3.26189.m1 | OG0 |
            <sub>"</sub>Spis_XP_022807600_1 | OG0 |
         <sup>100</sup> Pocdam_XM_027204099.1 | OG0 |
             •Morvir scaffold247.g17.t1 | OG0 |
              •Hvul_g11269_1 | OG0 |
     89
            Chem TCONS 00054823 | OG0 |
  100
              •Morvir scaffold1605.g1.t1 | OG0 |
             Sanmal_Sma_011144-T1 | OG0 |
               -Aaur_scaffold248.g7.t1 | OG0 |
                -Nemnom_g7367.t1 | OG0 |
                        •Rhoesc Res 000341-T1 | OG0 |
         •Dgig_XM_028556957.1 | OG0 |
         •Xesp 014024-T1 | OG0 |
                 •Plespi Pspi C586106 01 | OG0 |
                       -Xestes_maker-XT_scaffold2421-augustus-gene-0.26-mRNA-1 | OG0 |
                      •Aque_Aqu2.1.41303_001 | OG0 |
        100
              99
  72
                <sup>100</sup><sup>L</sup>•Halamb_c35253_g1_i1m.8628 | OG0 |
                     •Tetwil g7003.t1 | OG0 |
                       •Spolac_c93580_g1_i1_m.9031c93580-g1 | OG0 |
                    <sup>100</sup><sup>1</sup>-Emue_Em0022g520a.t1 | OG0 |
     94
                                      •Saldol_EP00054_Salpingoeca_dolichothecata_P009003 | OG0 |
                     47
                               •Mylflu_EP00047_Mylnosiga_fluctuans_P002559 | OG0 |
                               Salmac EP00052 Salpingoeca macrocollata P030789 | OG0 |
                                             Acaspe EP00035 Acanthoeca spectabilis P001293 | OG0 |
                100
                                    Salpun EP00053 Salpingoeca punica P011505 | OG0 |
                                 Salurc EP00051 Salpingoeca urceolata P010345 | OG0 |
                                        Didcos EP00039 Didymoeca costata P019865 | OG0 |
                                     Diagra EP00040 Diaphanoeca grandis P023549 | OG0 |
                                  •Salkve_EP00050_Salpingoeca_kvevrii_P012278 | OG0 |
                                          •Codhol EP00042 Codosiga hollandica P029878 | OG0 |
                                               Salinf EP00049 Salpingoeca infusionum P010784 | OG0 |
                                                    •Choper EP00045_Choanoeca_perplexa_P013252 | OG0 |
                                                    Chofle_EP00730_Choanoeca_flexa_P007739 | OG0 |
                                                  100 Chofle EP00730 Choanoeca_flexa_P007740 | OG0 |
```