```
Cgig XM 011452073.3 | OG0 |
        •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA192455 | OG0 |
          Acagra_model.g16435.t1.1.5d3b889b | OG0 |
       <sup>100</sup>lAcagra_model.g16435.t1 | OG0 |
        •Cscu XM 023362059.1 | OG0 |
         --Cscu XM 023385442.1 | OG0 |
                  -HoiH04_mRNA1026 | OG0 |
                    •Hhon_g06959.t1 | OG0 |
               100
   49
                        -HoiH23_PIH23_000396-RA | OG0 |
                      90<sup>1</sup>HoiH06 mRNA12992 | OG0 |
                         •HoiH11 mRNA2711 | OG0 |
                          TrH2 TrispH2 000343-RA | OG0 |
     67
                        <sup>97</sup> Tadh_TriadT59761 | OG0 |
                   •Dpul_mRNA14706 | OG0 |
                     Drygla Dgla sb293250 | OG0 |
       83
                     Lampan Lpan C397919 01 | OG0 |
              100
                        •Mlei_ML0405.g16.i1 | OG0 |
                 91
                           -Coemet Cmet C587379 01 | OG0 |
                   66
                             Vmul_Simscaffold6176_01 | OG0 |
                            Horcal Hcv1.av93.c12.g453.i2 | OG0 |
                              --Pbac_sb2652116 | OG0 |
                                Horcal_Hcv1.av93.c12.g453.i1 | OG0 |
                              <sup>98</sup> Pbac_sb2648880 | OG0 |
          Skow_XM_002732489.2 | OG0 |
          Spur_XM_786600.5 | OG0 |
     98
       <sup>100</sup>lSpur _XM_030998630.1 | OG0 |
   86
          •Hsap_ENST00000366690 | OG0 |
          Hsap_ENST00000594136 | OG0 |
     99
        <sup>1001</sup>Hsap_ENST00000357052 | OG0 |
           •Lcom | lcpid64915 | OG0 |
            Gracom Gcom C539158 01 | OG0 |
                      Clacor_Ccor_scaffold13167_01 | OG0 |
         67
                Leuniv Lniv C796490 01 | OG0 |
                       ·Scil_scict013845.2 | OG0 |
                        -Plajan Pjan scaffold9184 01 | OG0 |
                        Popea EP00118 Oscarella pearsei P025221 | OG0 |
                          Ocar g2527 | OG0 |
     55
                   •Hvul_g4585_1 | OG0 |
                   Chem TCONS 00019168 | OG0 |
 65
                  Morvir scaffold43.g10.t2 | OG0 |
                   | Sanmal Sma 026670-T1|OG0
             96
                    •Aaur_scaffold74.g11.t1 | OG0 |
                       -Nemnom_g8974.t1 | OG0 |
                   <sup>89</sup> Rhoesc Res 001445-T1 | OG0 |
               Dgig XM 028540254.1 | OG0 |
                   •Xesp 011839-T1 | OG0 |
                 Exapal XM 021038641.2 | OG0 |
         95
             <sup>99</sup><sup>1</sup>•Nvec_v1g236786 | OG0 |
                •Gfas gfas1.m1.4642.m1 | OG0 |
                     •Amil Amillepora12724-RA | OG0 |
                      Adig XM 015921084.1 | OG0 |
                    38
                      -Fspp_ffun1.m4.27419.m1 | OG0 |
                        •Gasp_gasp1.m3.26372.m1 | OG0 |
                           Spis_XP_022803784_1 | OG0 |
                        <sup>100</sup> Pocdam XM_027202697.1 | OG0 |
                   •Plespi_Pspi_scaffold11425_01 | OG0 |
                   Emue_Em0551g3a.t1 | OG0 |
                     •Emue_Em0019g108a.t1 | OG0 |
       73
                  <sub>!</sub>Spolac_c91990_g1_i1_m.7419c91990-g1 | OG0 |
                89 Spolac c91990 g1 i2 m.7421c91990-g1 | OG0 |
           98
                 •Tetwil_g11519.t1 | OG0 |
                    •Stycar_snap_masked-SC_scaπoid1132-processed-gene-0.4-mRNA-1 | OG
                      Xestes_maker-XT_scaffold114669-augustus-gene-0.15-mRNA-1 | OG0 |
                      <sub>-</sub>-Aque_Aqu2.1.38824_001 | OG0 |
                    <sup>981</sup>Halamb_c37392_g1_i1m.10038 | OG0 |
                 •Salurc_EP00051_Salpingoeca_urceolata_P032350 | OG0 |
     46
                    Salmac EP00052 Salpingoeca macrocollata P033620 | OG0 |
                               Salpun_EP00053_Salpingoeca_punica_P007306 | OG0 |
                Saldol_EP00054_Salpingoeca_dolichothecata_P036882 | OG0 |
                 Diagra EP00040 Diaphanoeca grandis P005573 | OG0 |
                     Didcos_EP00039_Didymoeca_costata_P009258 | OG0 |
                      Diagra_EP00040_Diaphanoeca_grandis_P005572 | OG0 |
                       -Stedip_EP00041_Stephanoeca_diplocostata_P007014 | OG0 |
         99
                         Acaspe EP00035 Acanthoeca spectabilis P020506 | OG0 |
                        <sup>73</sup> Helnan EP00037_Helgoeca_nana_P009406 | OG0 |
               •Lcom_lcpid126520 | OG0 |
                       Salinf_EP00049_Salpingoeca_infusionum_P003480 | OG0 |
                            Salinf EP00049 Salpingoeca infusionum P003479 | OG0 |
                     Salkve_EP00050_Salpingoeca_kvevrii_P002475 | OG0 |
                            •Salkve_EP00050_Salpingoeca_kvevrii_P002476 | OG0 |
                          •Codhol_EP00042_Codosiga_hollandica_P035279 | OG0 |
                      •Mbre_EDQ90906 | OG0 |
                        Chofle_EP00730_Choanoeca_flexa P017694 | OG0 |
                     Choper EP00045 Choanoeca perplexa P006841 | OG0 |
                        Microa EP00043 Microstomoeca roanoka_P015009 | OG0 |
                         Sros EGD81649 | OG0 |
                               •Mylflu_EP00047_Mylnosiga_fluctuans_P010828 | OG0 |
                            Salpun EP00053 Salpingoeca_punica_P007300 | OG0 |
                                  •Mylflu_EP00047_Mylnosiga_fluctuans_P002249 | OG0 |
                                 •Mylflu_EP00047_Mylnosiga_fluctuans_P010827 | OG0 |
0.416667
```