```
Spur XM 030980267.1 | OG0 |
                    •Acagra_model.g10078.t1 | OG0 |
         100
                  Cgig XM 034444688.1 | OG0 |
                       •Cscu_XM_023365012.1 | OG0 |
                      Codhol_EP00042_Codosiga_hollandica_P020299 | OG0 |
                   <sup>100</sup>-Codhol_EP00042_Codosiga_hollandica_P020301 | OG0 |
           -Halamb_c32230_g1_i1m.7017 | OG0 |
               •Aque_Aqu2.1.00751_001 | OG0 |
 45
                   •Morvir_scaffold171.g40.t1 | OG0 |
                   •Sanmal Sma 011329-T1 | OG0 |
          75
                      •Rhoesc Res 000822-T1 | OG0 |
                      Nemnom_g8119.t1 | OG0 |
                           •Aaur_scaffold301.g14.t1 | OG0 |
       36
   59
                     •Dgig_XM_028559163.1 | OG0 |
                      -Xesp 011309-T1 | OG0 |
                       <sup>e</sup>HoiH23 PIH23 009743-RA | OG0 |
           78
                     -HoiH04_mRNA11806 | OG0 |
                             <sub>!</sub>TrH2_TrispH2_008883-RA|OG0|
                          <sup>1001</sup>Tadh TriadT61697 | OG0 |
                     Stycar maker-SC scaffold49822-snap-gene-0.3-mRNA-1 | OG0 |
                  | Stycar_snap_masked-SC_scaffold38338-processed-gene-0.16-mRNA-1 | OG0
         83
                  •Tetwil_g12321.t1 | OG0 |
                   -Spolac_c78955_g1_i1_m.2250c78955-g1 | OG0 |
                  •Emue Em0022g465a.t1 | OG0 |
       48
                   •Plespi Pspi C581600 01 | OG0 |
                         •Hsap_ENST00000302764 | OG0 |
         38
                         •Exapal_XM_021044695.1 | OG0 |
                     Nvec_v1g223245 | OG0 |
                  <sup>100</sup> Nvec_v1g229824 | OG0 |
                      -Pocdam XM 027180938.1 | OG0 |
                   <sup>100</sup> •Spis _XP_022794039_1 | OG0 |
                      •Gasp_gasp1.m3.811.m1 | OG0 |
                        •Fspp_ffun1.m4.14733.m1 | OG0 |
                          Gfas_gfas1.m1.19581.m1 | OG0 |
                             Adig XM 015919651.1 | OG0 |
                                 Amil Amillepora06987-RA | OG0 |
               Scil scict016989.1 | OG0 |
       88
                  Gracom Gcom C547160 01 | OG0 |
     98
               Clacor Ccor scaffold15362 01 | OG0 |
                Lcom_lcpid101630 | OG0 |
               Leuniv_Lniv_C810108_01 | OG0 |
                         •Bralan_BLAG06000296_1 | OG0 |
                      Opea_EP00118_Oscarella_pearsei_P010853 | OG0 |
     30
                  Opea_EP00118_Oscarella_pearsei_P010852 | OG0 |
                       Salinf_EP00049_Salpingoeca_infusionum_P013356 | OG0 |
                   <sup>100</sup>L-Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA136225 | OG0 |
       65
                      Lampan_Lpan_C402813_01 | OG0 |
                            •Coemet_Cmet_scaffold19972_01 | OG0 |
   19
                100
                      100
                             •Vmul Simscaffold1428_01 | OG0 |
                             •Mlei_ML0530.g1.i1 | OG0 |
                   99
                              -Pbac_sb2666188 | OG0 |
                     96
                             <sub>[</sub>Bolinf_Binf_sb1295877 | OG0 |
                           <sup>100</sup> Mertsp_Mesp_sb540187 | OG0 |
                       Didcos_EP00039_Didymoeca_costata_P030171 | OG0 |
     76
                         Stedip_EP00041_Stephanoeca_diplocostata_P001876 | OG0 |
            76
                       Diagra_EP00040_Diaphanoeca_grandis_P025082 | OG0 |
                    <sup>100</sup> Diagra_EP00040_Diaphanoeca_grandis_P025083 | OG0 |
         62
                       Salpun_EP00053_Salpingoeca_punica_P019545 | OG0 |
                         Salkve_EP00050_Salpingoeca_kvevrii_P002028 | OG0 |
                        Saldol EP00054 Salpingoeca dolichothecata P014696 | OG0 |
                       Saldol EPUUU54 Salpingoeca dollchothecata PU14694 | OGU |
                    51 Saldol_EP00054_Salpingoeca_dolichothecata_P014695 | OG0 |
       68
                  Choper EP00045 Choanoeca perplexa P019496 | OG0 |
                       Chofle EP00730 Choanoeca flexa P012536 | OG0 |
                    100 Chofle EP00730_Choanoeca_flexa_P012537 | OG0 |
                        •Salurc_EP00051_Salpingoeca_urceolata_P006213 | OG0 |
         44
                      Salurc EP00051 Salpingoeca urceolata P006210 | OG0 |
                 100
                        -Salurc EP00051 Salpingoeca urceolata P006211 | OG0 |
                          Salurc EP00051 Salpingoeca urceolata P006212 | OG0 |
           46
                        •Microa EP00043 Microstomoeca roanoka P011351 | OG0 |
                 100
                            •Sros_EGD81934 | OG0 |
                             -Mylflu_EP00047_Mylnosiga_fluctuans_P009860 | OG0 |
                             Helnan EP00037 Helgoeca nana P026697 | OG0 |
                     100
                             Acaspe EP00035 Acanthoeca spectabilis P006505 | OG0 |
0.416667
```