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•Mbre EDQ85617 | OG0 |
               •Chofle_EP00730_Choanoeca_flexa_P005397 | OG0 |
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             -Choper_EP00045_Choanoeca_perplexa_P011791 | OG0 |
                             •Eupdun_Edun_sb10624262 | OG0 |
                           •Lampan_Lpan_14081_01 | OG0 |
                               Vmul SimC391244 | OG0 |
            100
                                   •Coemet Cmet scaffold20249 01 | OG0 |
                              Beraby Baby sb347152 | OG0 |
                  94
                           <sup>100</sup> Beraby_Baby_sb347151 | OG0 |
                              Bolinf Binf sb1228380 | OG0 |
                            Mlei ML0069.g15.i1 | OG0 |
                           991-Vmul sbMO410532 | OG0 |
                                  Drygla_Dgla_sb301619 | OG0 |
                                Drygla Dgla sb301620 | OG0 |
                                981 Drygla Dgla_sb301621 | OG0 |
                 Salinf_EP00049_Salpingoeca_infusionum_P018728 | OG0 |
               •Microa_EP00043_Microstomoeca_roanoka_P019410 | OG0 |
    96
               ·Sros_EGD82786 | OG0 |
                Didcos EP00039 Didymoeca costata P009415 | OG0 |
                Diagra EP00040 Diaphanoeca grandis P014792 | OG0 |
                  Acaspe_EP00035_Acanthoeca_spectabilis_P040059 | OG0 |
          99
                    -Helnan_EP00037_Helgoeca_nana_P030915 | OG0 |
            100
                  -Stedip_EP00041_Stephanoeca_diplocostata_P019402 | OG0 |
     85
                    -Stedip EP00041 Stephanoeca diplocostata P019404 | OG0 |
              Salkve EP00050 Salpingoeca kvevrii P018314 | OG0 |
                   -Codhol_EP00042_Codosiga_hollandica_P058873 | OG0 |
 51
                     Saldol EP00054 Salpingoeca dolichothecata P036565 | OG0 |
                   -Salpun_EP00053_Salpingoeca_punica_P007503 | OG0 |
                  Salmac EP00052 Salpingoeca macrocollata P034417 | OG0 |
                     Salurc EP00051 Salpingoeca urceolata P032524 | OG0 |
            62
                    •Mylflu EP00047 Mylnosiga fluctuans P004071 | OG0 |
                   •Hsap ENST00000243298 | OG0 |
             100
                   -Hsap ENST00000464506 | OG0 |
                  Acagra model.g9355.t1 | OG0 |
                   •Cgig XM 011440673.2 | OG0 |
                         Hhon g08840.t1 | OG0 |
          35
                       <sup>981</sup>HoiH04_mRNA1793 | OG0 |
                         HoiH06 mRNA11297 | OG0 |
                           <sup>e</sup>HoiH23_PIH23_007498-RA | OG0 |
                              -HoiH11 mRNA8870 | OG0 |
                                TrH2_TrispH2_001931-RA | OG0 |
                              <sup>100</sup>¹-Tadh_TriadT56572 | OG0 |
                        Tcas_TC015698_001 | OG0 |
                                     •Dpul mRNA10 | OG0 |
                        •Cscu_XM_023362992.1 | OG0 |
                                 •Cscu_XM_023388459.1 | OG0 |
                     •Exapal_XM_021049523.2 | OG0 |
      73
                  <sup>991</sup>-Nvec_v1g191733 | OG0 |
                       -Spis_XP_022801587_1 | OG0 |
                    <sup>1001</sup>•Pocdam XM_027186852.1 | OG0 |
                        •Gasp_gasp1.m3.3319.m1 | OG0 |
                         r-Fspp_ffun1.m4.12114.m1 | OG0 |
                            •Gfas_gfas1.m1.19676.m1 | OG0 |
                              •Adig XM 015908019.1 | OG0 |
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                      •Xesp 015595-T1 | OG0 |
                        •Dgig_XM_028547955.1 | OG0 |
                  100
                           <u>-Dgig_XM_028553710.1 | OG0 |</u>
                        1001 Dgig_XM_028561376.1 | OG0 |
               72
                            •Morvir_scaffold26.g22.t1 | OG0 |
                              ·Chem TCONS 00023169 | OG0 |
        17
                             •Hvul_g893_1 | OG0 |
                         -Sanmal_Sma_010825-11 | OG0 |
                         _•Nemnom_g8092.t1 | OG0 |
                      <sup>100</sup> Rhoesc_Res_000833-T1 | OG0 |
                     •Skow_XM_002737891.2 | OG0 |
                     rOpea_EP00118_Oscarella_pearsei_P025409 | OG0 |
                  100 Ocar g2376 | OG0 |
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                     Bralan_BLAG06001090_1 | OG0 |
                     Clacor_Ccor_scaffold2223_01 | OG0 |
                        •Lcom_lcpid100446 | OG0 |
                         -Scil scict014977.1 | OG0 |
                    100
                           _-Leuniv_Lniv_scaffold14175_01 | OG0 |
                         93 Gracom_Gcom_scaffold16445_01 | OG0 |
                      <sub>F</sub>-Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA127231 | OG0 |
                   Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA178369 | OG0 |
                        Spur XM 003729331.3 | OG0 |
                     100 Spur XM 030980610.1 | OG0 |
                        •Plespi_Pspi_C597820_01 | OG0 |
               80
                          -Xestes_augustus_masked-XT_scaffold157581-processed-gene-0.2-mRNA-1 | OG0 |
                             --Aque_Aqu2.1.25858_001 | OG0 |
                 99
                          981-Halamb_c34576_g1_i2mm.337 | OG0 |
                            -Tetwil_g6814.t1 | OG0 |
                                         •Tetwil_g6817.t1 | OG0 |
                        100
                                 Stycar_augustus_masked-SC_scaffold3517-processed-gene-0.3-mRNA-1 | OG0 |
                                     -Emue_Em0022g222a.t1 | OG0 |
                                       <sub>s</sub>Spolac_c99983_g2_i1_m.21153c99983-g2 | OG0 |
                                    <sup>100</sup> Spolac c99983 g2 i2 m.21154c99983-g2 | OG0 |
0.416667
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