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•Didcos_EP00039_Didymoeca_costata_P024238 | OG0 |
              Diagra_EP00040_Diaphanoeca_grandis_P004824 | OG0 |
    98
              Stedip_EP00041_Stephanoeca_diplocostata_P036343 | OG0 |
      96
               <sub>[</sub>-Acaspe_EP00035_Acanthoeca_spectabilis_P021231 | OG0 |
             <sup>1001</sup>•Helnan_EP00037_Helgoeca_nana_P032542 | OG0 |
  41
         Stycar_maker-SC_scaffold3024-snap-gene-0.10-mRNA-1 | OG0 |
            •Tetwil_g5357.t1 | OG0 |
              -Spolac_c91762_g1_i1_m.7205c91762-g1 | OG0 |
    100
         89
           <sup>100</sup>lemue_Em0017g954a.t1 | OG0 |
       90
               •Plespi_Pspi_C595604_01 | OG0 |
              Xestes maker-XT scaffold94019-snap-gene-0.4-mRNA-1 | OG0 |
78
                -Halamb_c32654_g1_i1m.7226 | OG0 |
                    -Aque Aqu2.1.42093 001 | OG0 |
                   •Halamb_c27197_g2_i1m.5349 | OG0 |
         Saldol_EP00054_Salpingoeca_dolichothecata P007023 | OG0 |
           •Mylflu_EP00047_Mylnosiga_fluctuans_P002305 | OG0 |
               -Codhol_EP00042_Codosiga_hollandica_P042544 | OG0 |
      86
              Salmac_EP00052_Salpingoeca_macrocollata_P009284 | OG0 |
  46
               Salpun_EP00053_Salpingoeca_punica_P006967 | OG0 |
             Salurc_EP00051_Salpingoeca_urceolata_P026276 | OG0 |
               -Salkve_EP00050_Salpingoeca_kvevrii_P007365 | OG0 |
    26
                  •Lcom_lcpid158001 | OG0 |
                   •Mbre EDQ88676 | OG0 |
                       -Choper_EP00045_Choanoeca_perplexa_P002147 | OG0 |
              99
          86
                       Chofle EP00730 Choanoeca_flexa_P005702 | OG0 |
                           •Chofle EP00730_Choanoeca_flexa_P005703 | OG0 |
            99
                    -Salinf_EP00049_Salpingoeca_infusionum_P027368 | OG0 |
                        Salinf_EP00049_Salpingoeca_infusionum_P027369 | OG0 |
                     •Microa_EP00043_Microstomoeca_roanoka_P030298 | OG0 |
        51
                     •Sros EGD76524 | OG0 |
                     Eupdun Edun sb10629155 | OG0 |
                         Horcal_Hcv1.av93.c13.g224.i1 | OG0 |
                      <sup>100</sup>Ū-Pbac_sb2653841 | OG0 |
              100
                          •Mlei_ML0120.g3.i1 | OG0 |
                            <sub>!</sub>Beraby_Baby_sb344080 | OG0 |
                          <sup>100</sup> Beraby_Baby_sb344079 | OG0 |
                 100
                        Lampan_Lpan_C407545_01 | OG0 |
                          Coeast_Cast_sb796230 | OG0 |
                              ·Coeast_Cast_sb796229 | OG0 |
                                    Coeast Cast sb796231 | OG0 |
                                 <sup>1001</sup>•Coeast_Cast_sb796232 | OG0 |
     Opea_EP00118_Oscarella_pearsei_P003711 | OG1 |
           Morvir_scaffold15.g41.t1 | OG1 |
            •Hvul_g8219_1 | OG1 |
             Chem TCONS 00066005 | OG1 |
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         •Sanmal_Sma_022963-T1 | OG1 |
            •Nemnom_g1562.t1 | OG1 |
78
         Clacor_Ccor_scaffold11748_01 | OG1 |
             Gracom_Gcom_C547408_01 | OG1 |
          80
                                -Scil_scict003052.2 | OG1 |
  37
                  <u>-</u>Lcom_lcpid73483 | OG1 |
                <sup>981</sup>-Leuniv_Lniv_C806434_01 | OG1 |
      99
              •Lcom_lcpid91999 | OG1 |
                 •Scil_scict018859.1 | OG1 |
                  -Gracom_Gcom_scaffold907_01 | OG1 |
               Leuniv_Lniv_C793812_01 | OG1 |
               •Scil_scict023010.1 | OG1 |
                   •Lcom | lcpid101344 | OG1 |
               <sup>45</sup> Gracom_Gcom_C543174_01 | OG1 |
             ·Cscu_XM_023377490.1 | OG1 |
               •Tcas_TC004387_001 | OG1 |
               •Dpul mRNA8710 | OG1 |
                 •Acagra_model.g4535.t1 | OG1 |
                  -Cgig_XM_034456900.1 | OG1 |
                    Bralan_BLAG15000324_1 | OG1 |
                       •Hsap_ENST00000396049 | OG1 |
                     <sup>991</sup>-Hsap_ENST00000396051 | OG1 |
                         Skow_XM_002741374.1 | OG1 |
                          Spur_XM_030979467.1 | OG1 |
                       <sup>1001</sup>Spur_XM_783682.5 | OG1 |
                         TrH2 TrispH2 002080-RA | OG1 |
              33
                      <sup>100</sup><sup>-</sup>Tadh_TriadT59290 | OG1 |
                         •HoiH11_mRNA2412 | OG1 |
                           <sub>"</sub>HoiH23 PIH23 005932-RA | OG1 |
                             <sub>"</sub>HoiH06_mRNA12660 | OG1 |
                               Hhon g09262.t1 | OG1 |
                59
                             <sup>99</sup> HoiH04 mRNA4316 | OG1 |
                       •Exapal_XM_021046650.2 | OG1 |
                     <sup>981</sup>•Nvec_v1g244739 | OG1 |
                         Dgig_XM_028543786.1 | OG1 |
                   65
                       <sup>99</sup>-Xesp_022338-T1 | OG1 |
                          •Gfas_gfas1.m1.1087.m1 | OG1 |
                     58
                              <sub>r</sub>Gasp_gasp1.m3.6153.m1 | OG1 |
                       100
                            <sup>71]</sup>-Fspp_ffun1.m4.568.m1 | OG1 |
                                <sub>s</sub>Spis_XP_022799221_1 | OG1 |
                              <sup>97</sup> Pocdam_XM_027181817.1 | OG1 |
                                Amil Amillepora10129-RA | OG1 |
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96 Adig XM 015920566.1 | OG1 |