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•Codhol EP00042 Codosiga hollandica P024180 | OG0 |
                              -Salinf_EP00049_Salpingoeca_infusionum_P002172 | OG0 |
                          <sup>100</sup> Salinf EP00049_Salpingoeca_infusionum_P002173 | OG0 |
     82
                        Stycar_augustus_masked-SC_scaffold70418-processed-gene-0.1-mRNA-1 | OG0 |
                         Xestes augustus masked-XT scaffold143054-processed-gene-0.2-mRNA-1 | OG0 |
                                 •Xestes augustus masked-XT scaffold93662-processed-gene-0.0-mRNA-1 | OG0 |
            •Dpul mRNA24402 | OG3 |
                   •Cscu XM 023375762.1 | OG3 |
    50
                                -Lcom | lcpid225265 | OG3 |
22
                 •Plajan_Pjan_scaffold22838_01 | OG4 |
                  Opea_EP00118_Oscarella_pearsei_P028870 | OG4 |
                   •Ocar_g8369 | OG4 |
                    •Lcom_lcpid193890 | OG4 |
                     Clacor_Ccor_scaffold13959_01 | OG4 |
      60
                    Leuniv Lniv scaffold14672 01 | OG4 |
                       Lcom lcpid94555 | OG4 |
  32
                     •Scil scict023408.1 | OG4 |
                     Stycar_augustus_masked-SC_scaffold132721-processed-gene-0.7-mRNA-1 | OG4 |
                 1001-Stycar maker-SC scaffold120769-snap-gene-0.4-mRNA-1 | OG4 |
                     •Spolac_c102740_g1_i1_m.30750c102740-g1 | OG4 |
          87
                          •Tetwil g26747.t1 | OG4 |
                        ·Stycar_maker-SC_scaffold132721-snap-gene-0.38-mRNA-1 | OG4 |
            85
                          Xestes_maker-XT_scaffold22229-augustus-gene-0.12-mRNA-1 | OG4 |
                        •Aque_Aqu2.1.34859_001 | OG4 |
              100
                       •Halamb_c44099_g1_i1m.17039 | OG4 |
                    •Ctel gnl WGS AMQN CAPTEDRAFT mRNA153757 | OG5 |
                    •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA21251 | OG5 |
          56
                  •Skow_XM_002730738.2 | OG5 |
                     Skow_XM_006823682.1 | OG5 |
        53
                      Acagra model.g15902.t1 | OG5 |
                    •Bralan BLAG04000143 1 | OG5 |
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                          •Bralan BLAG06000067 1 | OG5 |
                     •Cgig_XM_034469175.1 | OG5 |
                     Lcom | lcpid169826 | OG5 |
                   Spur_XM_030998651.1 | OG5 |
                <sup>100</sup> Spur XM_030998301.1 | OG5 |
                           Hvul g28501 1 | OG5 |
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                        Chem TCONS 00069458 | OG5 |
                          -Morvir_scaffold428.g10.t1 | OG5 |
            93
        57
                       Sanmal Sma 011966-T1 | OG5 |
                          •Nemnom_g19651.t1 | OG5 |
                         •Rhoesc_Res_016075-T1 | OG5 |
          93
                      •Dgig_XM_028548756.1 | OG5 |
                        •Xesp_000814-T1 | OG5 |
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                       •Nvec v1g114223 | OG5 |
                           Exapal_XM_028659914.1 | OG5 |
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                        Adig_XM_015892216.1 | OG5 |
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                     Amil Amillepora26149-RA | OG5 |
                            •Fspp ffun1.m4.11259.m1 | OG5 |
                               •Gasp_gasp1.m3.12922.m1 | OG5 |
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                             •Spis_XP_022808772_1 | OG5 |
                               •Pocdam_XM_027193911.1 | OG5 |
                   •Didcos_EP00039_Didymoeca_costata_P000981 | OG1 |
                Stedip EP00041 Stephanoeca_diplocostata_P031633 | OG1 |
       99
                        •Diagra_EP00040_Diaphanoeca_grandis_P015382 | OG1 |
          100
                     •Acaspe_EP00035_Acanthoeca_spectabilis_P037979 | OG1 |
                      -Helnan_EP00037_Helgoeca_nana_P033616 | OG1 |
  54
                Tcas_TC001523_001 | OG1 |
                •Tcas_TC003878_001 | OG1 |
                   Eupdun Edun sb10629694 | OG1 |
                <sup>100</sup> Eupdun_Edun_sb10629693 | OG1 |
                     •Lampan_Lpan_5636_01 | OG1 |
                       •Coeast_Cast_sb752879 | OG1 |
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                   <sup>100</sup> Coemet_Cmet_C587731_01 | OG1 |
                       -Pbac_sb2658062 | OG1 |
             97
                         Horcal Hcv1.av93.c2.g340.i1 | OG1 |
                       <sup>72]</sup>•Horcal_Hcv1.av93.c2.g338.i1 | OG1 |
                         •Mlei_ML0380.g37.i1 | OG1 |
               61
                          Bolinf Binf sb1226975 | OG1 |
                       <sup>1001</sup>Mertsp_Mesp_sb561186 | OG1 |
                  96
                        Beraby Baby sb342521 | OG1 |
                        Beraby Baby sb342523 | OG1 |
                          Beraby_Baby_sb342520 | OG1 |
                         <sup>1</sup> Beraby_Baby_sb342522 | OG1 |
                 •Codhol_EP00042_Codosiga_hollandica_P052915 | OG2 |
                -Mylflu_EP00047_Mylnosiga_fluctuans_P001841 | OG2 |
    82
                 Saldol_EP00054_Salpingoeca_dolichothecata_P017455 | OG2 |
      83
                   -Salurc_EP00051_Salpingoeca_urceolata_P031872 | OG2 |
                    Salmac EP00052 Salpingoeca macrocollata P009281 | OG2 |
                       Salmac_EP00052_Salpingoeca_macrocollata_P009282 | OG2 |
                       Salpun_EP00053_Salpingoeca_punica_P003709 | OG2 |
                     97<sup>1</sup>Salpun_EP00053_Salpingoeca_punica_P003710 | OG2 |
                         Didcos_EP00039_Didymoeca_costata_P013720 | OG2 |
                     Diagra_EP00040_Diaphanoeca_grandis_P018688 | OG2 |
         100
                          Stedip EP00041 Stephanoeca diplocostata P017448 | OG2 |
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                               Stedip EP00041 Stephanoeca diplocostata P017447 | OG2 |
                       100
                              -Stedip_EP00041_Stephanoeca_diplocostata_P017445 | OG2 |
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                                 -Stedip_EP00041_Stephanoeca_diplocostata_P017446 | OG2 |
                             941—Stedip_EP00041_Stephanoeca_diplocostata_P017452 | OG2 |
                            Diagra_EP00040_Diaphanoeca_grandis_P026532 | OG2 |
                                  Acaspe EP00035 Acanthoeca spectabilis P022464 | OG2 |
              100
                                    •Helnan EP00037 Helgoeca nana P000642 | OG2 |
                      100
                             Stedip_EP00041_Stephanoeca_diplocostata_P019192 | OG2 |
                                  Stedip_EP00041_Stephanoeca_diplocostata_P019190 | OG2 |
                          100
                                -Stedip EP00041 Stephanoeca diplocostata P019193 | OG2 |
                   Tadh_TriadT34632 | OG2 |
                    TrH2 TrispH2 007544-RA | OG2 |
                100
      67
                   66 Tadh_TriadT20308 | OG2 |
             100
                   •HoiH11_mRNA7070 | OG2 |
                        -HoiH23 PIH23_002318-RA | OG2 |
                     <sup>100</sup><sup>-</sup>HoiH06_mRNA1847 | OG2 |
                        •Hhon_g07639.t1 | OG2 |
                  100
        84
                     <sup>100</sup> HoiH04 mRNA13981 | OG2 |
                              •HoiH23_PIH23_002319-RA | OG2 |
                           -Hhon g07640.t1 | OG2 |
                    TrH2 TrispH2 005641-RA | OG2 |
            100
                 <sup>100</sup> Tadh_TriadT19479 | OG2 |
                      •HoiH11_mRNA8008 | OG2 |
                         -HoiH23_PIH23_004472-RA | OG2 |
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                      100 HoiH06 mRNA3049 | OG2 |
                         Hhon g11287.t1 | OG2 |
                      <sup>100</sup> HoiH04 mRNA1367 | OG2 |
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