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Stedip EP00041 Stephanoeca diplocostata P032754 | OG0 |
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                        Didcos_EP00039_Didymoeca_costata_P000268 | OG0 |
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                           Salurc_EP00051_Salpingoeca_urceolata_P021226 | OG0 |
   62
                             Salurc_EP00051_Salpingoeca_urceolata_P021227 | OG0 |
                           67 Salurc EP00051 Salpingoeca_urceolata_P021229 | OG0 |
                       Plajan_Pjan_scaffold10627_01 | OG0 |
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                    <sup>100</sup>•Plajan_Pjan_scaffold10628_01 | OG0 |
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                            •Aque_Aqu2.1.27806_001 | OG0 |
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                       1001-Tetwil g20979.t1 | OG0 |
                            Salkve EP00050 Salpingoeca kvevrii P010358 | OG3 |
                                 Salurc EP00051 Salpingoeca urceolata P011586 | OG3 |
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                                 Salurc_EP00051_Salpingoeca_urceolata_P014256 | OG3 |
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                        100
                                   •Chofle_EP00730_Choanoeca_flexa_P001630 | OG3 |
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                              Mylflu EP00047 Mylnosiga fluctuans P009401 | OG4 |
                          •Microa EP00043 Microstomoeca roanoka P011099 | OG4 |
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                             Sros EGD78775 | OG4 |
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                                     •Mylflu_EP00047_Mylnosiga_fluctuans_P010421 | OG4 |
             78
                 72
                                          Salpun EP00053 Salpingoeca punica P010557 | OG4 |

    Saldol EP00054 Salpingoeca dolichothecata P009216 | OG4 |

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                        •Mlei ML2962.g10.i1 | OG1 |
                           Beraby Baby sb323899 | OG1 |
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                            Drygla Dgla sb288785 | OG1 |
                         <sup>100</sup> Drygla_Dgla_sb288786 | OG1 |
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                          Lampan_Lpan_10264_01 | OG1 |
                              Coeast Cast sb772613 | OG1 |
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                           100<sup>1</sup>-Coemet_Cmet_C595929_01 | OG1 |
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                               rVmul_SimC397770 | OG1 |
                            <sup>100</sup>Ū-∙Vmul_sbMO399967 | OG1 |
                        Bralan BLAG01001006 4 | OG1 |
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                        •Skow XM 002742189.1 | OG1 |
                          Cscu XM 023382433.1 | OG1 |
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                               •Tcas_TC008840_001 | OG1 |
                             Spur_XM_788248.5 | OG1 |
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                                •Hsap ENST00000378619 | OG1 |
                                Acagra model.g3648.t1 | OG1 |
                               •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA115834 | OG1 |
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                              •Cgig_XM_011458470.3 | OG1 |
                              ⊸Cgig_XM_034477982.1 | OG1 |
                         •Dgig_XM_028554665.1 | OG1 |
                           -Hvul g647 1 | OG1 |
                           •Morvir_scaffold57.g29.t1 | OG1 |
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                                •Hvul_g650_1 | OG1 |
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                              •Sanmal_Sma_001474-T1 | OG1 |
                              Aaur scaffold82.g24.t1 | OG1 |
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                                Nemnom g15184.t1 | OG1 |
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                             <sup>1001</sup>•Rhoesc_Res_008175-T1 | OG1 |
                         •Exapal XM 021056617.2 | OG1 |
                          Nvec v1g102076 | OG1 |
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                        <sup>100</sup> Nvec_v1g223718 | OG1 |
                            •Amil Amillepora20308-RA | OG1 |
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                             •Gfas_gfas1.m1.5501.m1 | OG1 |
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                                  Spis_XP_022781421_1 | OG1 |
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                              •Gasp gasp1.m3.14906.m1 | OG1 |
                              <sup>100</sup> Fspp ffun1.m4.22208.m1 | OG1 |
                      •Tadh_TriadT54924 | OG2 |
                        •HoiH11_mRNA8627 | OG2 |
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                            -HoiH23 PIH23 008446-RA | OG2 |
                         <sup>100</sup> HoiH06_mRNA3819 | OG2 |
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                         <sup>100</sup> HoiH04_mRNA13501 | OG2 |
                      TrH2_TrispH2_010684-RA | OG2 |
                   <sup>100</sup> Tadh_TriadT54925 | OG2 |
                      •HoiH11 mRNA8629 | OG2 |
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                          HoiH23 PIH23 008445-RA | OG2 |
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                          HoiH06_mRNA3816 | OG2 |
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                         <sup>100</sup> HoiH04 mRNA13503 | OG2 |
                        Acagra model.g26789.t1 | OG2 |
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                            •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA174165 | OG2 |
                            •Cscu_XM_023375887.1 | OG2 |
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                                     •Dpul mRNA10180 | OG2 |
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                          Spur XM 030990816.1 | OG2 |
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                             Skow_XM_006817423.1 | OG2 |
                              •Bralan_BLAG04002097_1 | OG2 |
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                                 •Hsap_ENST00000233714 | OG2 |
                              •Hsap ENST00000254770 | OG2 |
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                                   •Hvul_g7973_1 | OG2 |
                             •Sanmal_Sma_005875-T1 | OG2 |
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                              •Nvec_v1g184757 | OG2 |
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                             Exapal XM 021049494.2 | OG2 |
                             -Spis XP 022803586 1 | OG2 |
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                         <sup>1001</sup>•Pocdam_XM_027192457.1 | OG2 |
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                                     -Amil_Amillepora12898-RA | OG2 |
                          •Plespi_Pspi_C607448_01 | OG2 |
                              •Aque_Aqu2.1.33624_001 | OG2 |
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                         <sup>100</sup>-Emue Em0015g388a.t1 | OG2 |
                                         -Emue_Em0015g381a.t1 | OG2 |
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                                   <sup>1001</sup>-Emue Em0015g386a.t1 | OG2 |
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                              Emue Em0004g359a.t1 | OG2 |
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                                •Spolac_c71658_g1_i1_m.1796c71658-g1 | OG2 |
                                  •Emue_Em0004g358a.t1 | OG2 |
                        •Clacor_Ccor_C532201_01 | OG2 |
                             •Plajan_Pjan_scaffold21901 01 | OG2 |
                             <sub>|</sub>Opea_EP00118_Oscarella_pearsei_P002497 | OG2 |
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                          <sup>100</sup> Ocar_g1601 | OG2 |
                                -Vmul_sbMO446027 | OG2 |
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                                     Coeast_Cast_sb810062 | OG2 |
                                  <sup>1001</sup>Coeast_Cast_sb810065 | OG2 |
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                                     Coemet Cmet scaffold11878 01 | OG2 |
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                                  1001 Coemet Cmet scaffold11877 01 | OG2 |
                                    •Lampan_Lpan_C414779_01 | OG2 |
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                                     Eupdun_Edun_sb10652797 | OG2 |
                                  100 Eupdun Edun sb10652796 | OG2 |
                                      1 Eupdun Edun sb10652798 | OG2 |
                             99
                                      Beraby Baby sb334205 | OG2 |
                                   <sup>100</sup> Beraby_Baby_sb334204 | OG2 |
                                         Horcal Hcv1.av93.c5.g951.i1 | OG2 |
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                                       <sup>100</sup> Pbac sb2656760 | OG2 |
                                        Mlei ML0110.g2.i1 | OG2 |
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