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•Didcos_EP00039_Didymoeca_costata_P001193 | OG0 |
                  Diagra_EP00040_Diaphanoeca_grandis_P017949 | OG0 |
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                   Stedip_EP00041_Stephanoeca_diplocostata_P009149 | OG0 |
        100
                   •Acaspe_EP00035_Acanthoeca_spectabilis_P023289 | OG0 |
                    •Helnan EP00037 Helgoeca nana P011942 | OG0 |
 100
                       Codhol EP00042 Codosiga hollandica P028569 | OG0 |
       50
                         •Salurc_EP00051_Salpingoeca_urceolata_P027925 | OG0 |
                              Salkve_EP00050_Salpingoeca_kvevrii_P010940 | OG0 |
   81
            92
                                Saldol_EP00054_Salpingoeca_dolichothecata_P024517 | OG0 |
                          ·Salmac EP00052 Salpingoeca macrocollata P009868 | OG0 |
      32
                           Salpun_EP00053_Salpingoeca_punica_P011795 | OG0 |
                             Salinf_EP00049_Salpingoeca_infusionum_P026733 | OG0 |
        57
                           •Microa_EP00043_Microstomoeca_roanoka_P011476 | OG0 |
                 99
                                   •Sros_EGD76810 | OG0 |
             100
                                 •Mbre EDQ88082 | OG0 |
                             -Choper EP00045_Choanoeca_perplexa_P015413 | OG0 |
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                                 Choper_EP00045_Choanoeca_perplexa_P015408 | OG0 |
                               •Chofle_EP00730_Choanoeca_flexa_P008169 | OG0 |
            •TrH2_TrispH2_009559-RA | OG0 |
              •HoiH11 mRNA3287 | OG0 |
        100
                •HoiH23 PIH23 003399-RA|OG0|
                 -HoiH06_mRNA8392 | OG0 |
                     <sub>•</sub>Hhon_g04564.t1 | OG0 |
                  <sup>100</sup> HoiH04_mRNA2983 | OG0 |
                    •Tcas_TC006411_001 | OG0 |
           95
                        •Dpul mRNA30319 | OG0 |
                   Spur XM 003729814.3 | OG0 |
        97
                <sup>100</sup> Spur_XM_030979846.1 | OG0 |
                   Skow XM 002741382.2 | OG0 |
                        •Bralan_BLAG15000821_1 | OG0 |
                       Hsap ENST00000199814 | OG0 |
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                                •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA123077 | OG0 |
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      76
                         •Cgig_XM_011455940.3 | OG0 |
                        •Acagra_model.g4018.t1 | OG0 |
                •Xesp 022341-T1 | OG0 |
                •Dgig XM 028543784.1 | OG0 |
                   •Exapal_XM_021038793.2 | OG0 |
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                   •Nvec_v1g914 | OG0 |
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                100 Nvec v1g225045 OG0 |
          100
                   •Spis_XP_022798685_1 | OG0 |
                <sup>100</sup><sup>1</sup>-Pocdam XM_027181812.1 | OG0 |
                   Fspp_ffun1.m4.30376.m1 | OG0 |
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                     Gasp_gasp1.m3.6150.m1 | OG0 |
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                        •Gfas_gfas1.m1.1088.m1 | OG0 |
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                          Amil_Amillepora10126-RA | OG0 |
                       <sup>100</sup><sup>1</sup>--Adig_XM_015919965.1 | OG0 |
                 Clacor_Ccor_C538091_01 | OG0 |
                 •Lcom_lcpid114428 | OG0 |
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                     Leuniv_Lniv_scaffold5766_01 | OG0 |
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                        •Scil_scict000436.1 | OG0 |
                100
                          Gracom_Gcom_scaffold16437_01 | OG0 |
                     Chem_TCONS_00050510 | OG0 |
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                        •Hvul_g12058_1 | OG0 |
                      -Morvir_scaffold1035.g1.t1 | OG0 |
      47
                     <u>r</u>Morvir_scaffold157.g18.t1 | OG0 |
                100
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                   Nemnom_g2814.t1 | OG0 |
                      •Sanmal_Sma_022765-T1 | OG0 |
                                  Sanmal_Sma_008744-T1 | OG0 |
              Aaur scaffold609.g1.t1 | OG0 |
        64
                            Popea EP00118 Oscarella pearsei P029005 | OG0 |
                         100 Ocar_g9865 | OG0 |
                          Aque_Aqu2.1.37973_001 | OG0 |
                           •Halamb_c6690_g1_i2mm.7363 | OG0 |
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                           -Xestes_maker-XT_scaffold3006-snap-gene-0.27-mRNA-1 | OG0 |
          43
               100
                           •Tetwil_g10236.t1 | OG0 |
                             -Stycar_maker-SC_scaffold90983-snap-gene-0.9-mRNA-1 | OG0 |
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                          <sup>1001</sup>-Stycar_maker-SC_scaffold64473-snap-gene-0.12-mRNA-1 | OG0 |
                             •Spolac_c95648_g1_i1_m.11806c95648-g1 | OG0 |
                               *Spolac_c95648_g1_i2_m.11808c95648-g1 | OG0 |
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                                         -Emue_Em0017g932a.t1 | OG0 |
                                 •Plespi_Pspi_C602138_01 | OG0 |
                            Eupdun Edun sb10645052 | OG0 |
                          <sup>47]</sup>Eupdun_Edun_sb10645054 | OG0 |
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                             Eupdun Edun sb10645053 | OG0 |
                           <sup>69</sup> Eupdun_Edun_sb10645055 | OG0 |
                    100
                           -Lampan_Lpan_13909_01 | OG0 |
                             •Mlei_ML2213.g16.i1 | OG0 |
                                 Beraby_Baby_sb342165 | OG0 |
                              <sup>1001</sup>Beraby_Baby_sb342166 | OG0 |
                                  -Mertsp_Mesp_sb609140 | OG0 |
                                      Horcal_Hcv1.av93.c3.g988.i1 | OG0 |
                                   <sup>100</sup> Pbac_sb2643729 | OG0 |
                                      •Drygla_Dgla_sb293668 | OG0 |
                                        •Vmul_SimC396500 | OG0 |
                                            Coemet_Cmet_scaffold22591_01 | OG0 |
                                             Coeast Cast sb804166 | OG0 |
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