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•Scil scict007097.1 | OG0 |
                  •Salurc_EP00051_Salpingoeca_urceolata_P009805 | OG0 |
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                       •Salpun_EP00053_Salpingoeca_punica_P005040 | OG0
                                  Diagra_EP00040_Diaphanoeca_grandis_P023114 | OG0 |
                                  Acaspe EP00035 Acanthoeca spectabilis P007337 | OG0 |
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                                     •Helnan_EP00037_Helgoeca_nana_P015271 | OG0 |
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                                  -Salinf_EP00049_Salpingoeca_infusionum_P014209 | OG0 |
                                     •Salkve_EP00050_Salpingoeca_kvevrii_P016969 | OG0 |
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                                    •Microa_EP00043_Microstomoeca_roanoka_P001929 | OG0 |
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                                      Sros EGD76443 | OG0 |
                                           •Chofle_EP00730_Choanoeca_flexa_P015064 | OG0 |
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   32
                                           Choper_EP00045_Choanoeca_perplexa_P010084 | OG0 |
                                        100 Choper_EP00045_Choanoeca_perplexa_P010085 | OG0 |
                        Salkve_EP00050_Salpingoeca_kvevrii_P018398 | OG0 |
                                 -Xestes_augustus_masked-XT_scaffold71477-processed-gene-0.0-mRNA-1 | OG0 |
                                 •Codhol_EP00042_Codosiga_hollandica_P008142 | OG0 |
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      57
                                    -Xestes_snap_masked-XT_scaffold15831-processed-gene-0.607-mRNA-1 | OG0 |
                                    •Mbre EDQ85717 | OG0 |
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                                       ·Chofle_EP00730_Choanoeca_flexa_P008512 | OG0 |
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                             100
                                      Choper EP00045 Choanoeca perplexa P001924 | OG0 |
          80
                            Didcos EP00039 Didymoeca costata P019939 | OG0 |
                                Stedip_EP00041_Stephanoeca_diplocostata_P007395 | OG0 |
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                                •Acaspe_EP00035_Acanthoeca_spectabilis_P033201 | OG0 |
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                                 •Helnan_EP00037_Helgoeca_nana_P034039 | OG0 |
               •Mylflu EP00047 Mylnosiga fluctuans P008919 | OG1 |
               Saldol EP00054 Salpingoeca dolichothecata P024066 | OG1 |
             <sup>100</sup>L-Saldol_EP00054_Salpingoeca_dolichothecata_P024067 | OG1 |
               •Dpul_mRNA28005 | OG1 |
                           •Codhol_EP00042_Codosiga_hollandica_P046457 | OG1 |
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                      •Drygla_Dgla_sb293200 | OG1 |
                            Vmul sbMO403624 | OG1 |
       52
                          •Coemet_Cmet_scaffold22636_01 | OG1 |
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         99
                           Coeast_Cast_sb771992 | OG1 |
                         99 Coeast_Cast_sb771993 | OG1 |
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                          •Mlei_ML0547.g5.i1 | OG1 |
                           •Beraby_Baby_sb347961 | OG1 |
                           Eupdun_Edun_sb10633341 | OG1 |
                        <sup>1001</sup>•Eupdun_Edun_sb10633342 | OG1 |
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                            -Lampan_Lpan_C409741_01 | OG1 |
                           Bolinf Binf sb1228800 | OG1 |
                        <sup>100</sup> Mertsp_Mesp_sb569806 | OG1 |
                           Horcal_Hcv1.av93.c11.g768.i1 | OG1 |
                        <sup>100</sup> Pbac_sb2645054 | OG1 |
                                 •Vmul_sbMO429895 | OG1 |
                                Coeast_Cast_sb769516 | OG1 |
                            <sup>100</sup>-Coemet_Cmet_C585469_01 | OG1 |
                 Skow XM 002732417.2 | OG1 |
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                   •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA20690 | OG1 |
                      •Emue_Em0023g22a.t1 | OG1 |
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                       •Spolac_c101886_g1_i3_m.27141c101886-g1 | OG1 |
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                     •Tetwil g12955.t1 | OG1 |
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                            •Halamb_c48583_g1_i4mm.2712 | OG1 |
                 •Tcas_TC011535_001 | OG1 |
                    Cscu_XM_023366298.1 | OG1 |
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                     •Cscu_XM_023370989.1 | OG1 |
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                       •Hsap_ENST00000316963 | OG1 |
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                        •Hsap ENST00000374514 | OG1 |
                                •Lcom_lcpid193977 | OG1 |
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                            •1rH2_1rispH2_006486-RA | OG1 |
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                        <sup>991</sup>-Tadh_TriadT63333 | OG1 |
                                  •HoiH23 PIH23 006136-RA | OG1 |
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                           <sup>100</sup> HoiH06_mRNA14866 | OG1 |
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                              Hhon g00238.t1 | OG1 |
                           <sup>100</sup> HoiH04_mRNA15285 | OG1 |
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                               •Plajan_Pjan_C548607_01 | OG1 |
                              •Plajan_Pjan_C543240_01 | OG1 |
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                             •Plajan Pjan scaffold12258 01 | OG1 |
                            Opea_EP00118_Oscarella_pearsei_P006965 | OG1 |
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                                -Opea EP00118 Oscarella pearsei P006963 | OG1 |
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                                 <sub>"</sub>Ocar_g6912 | OG1 |
                              <sup>100</sup> -Opea_EP00118_Oscarella_pearsei_P006964 | OG1 |
                               Exapal XM 021060997.2 | OG1 |
                            <sup>100</sup>-Exapal_XM_021049226.2 | OG1 |
                              •Gasp gasp1.m3.19700.m1 | OG1 |
                              •Fspp_ffun1.m4.6410.m1 | OG1 |
                               -Spis_XP_022786754_1 | OG1 |
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                           <sup>100</sup> Pocdam XM_027189780.1 | OG1 |
                                    •Adig_XM_015898844.1 | OG1 |
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                         98
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                      82
                                       Clacor Ccor C535027 01 | OG1 |
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                                        •Gracom Gcom scaffold7377 01 | OG1 |
                            91
                                        •Scil_scict018471.1 | OG1 |
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                                           •Lcom Icpid80497 | OG1 |
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                                         Leuniv Lniv scaffold22867 01 | OG1 |
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                                    •Hvul_g22187_1 | OG1 |
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                            100
                                     Chem TCONS 00001246 | OG1 |
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                                    •Aaur_scaffold1215.g6.t1 | OG1 |
                         98
                                       -Sanmal_Sma_007442-T1 | OG1 |
                              100
                                        •Rhoesc_Res_011750-T1 | OG1 |
                                        Nemnom g9612.t1 | OG1 |
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