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           -Salpun_EP00053_Salpingoeca_punica_P002550 | OG0 |
            •Mylflu_EP00047_Mylnosiga_fluctuans_P002919 | OG0 |
              ·Salmac_EP00052_Salpingoeca_macrocollata_P006577 | OG0 |
99
                 Saldol EP00054 Salpingoeca dolichothecata P008236 | OG0 |
                     Salurc EP00051 Salpingoeca urceolata P016744 | OG0 |
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                 •Lcom | lcpid153294 | OG0 |
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                 Salkve_EP00050_Salpingoeca_kvevrii_P019924 | OG0 |
                     •Salkve_EP00050_Salpingoeca_kvevrii_P019925 | OG0 |
                 Salurc EP00051 Salpingoeca urceolata P016742 | OG0 |
                  Didcos EP00039 Didymoeca costata P019737 | OG0 |
                      Diagra_EP00040_Diaphanoeca_grandis_P011280 | OG0 |
       59
                       Stedip_EP00041_Stephanoeca_diplocostata_P012679 | OG0 |
                        •Acaspe_EP00035_Acanthoeca_spectabilis_P020035 | OG0 |
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                         Helnan EP00037 Helgoeca nana P002441 | OG0 |
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                      Salinf EP00049 Salpingoeca infusionum P018236 | OG0 |
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                       Mbre EDQ88312 | OG0 |
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                        Choper_EP00045_Choanoeca_perplexa_P001838 | OG0 |
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                          ·Chofle EP00730 Choanoeca flexa P018803 | OG0 |
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                                    Chofle EP00730 Choanoeca flexa P018801 | OG0 |
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              ·Opea EP00118 Oscarella pearsei P026400 | OG1 |
              Spolac c103006 g1 i2 m.32067c103006-g1 | OG1 |
           <sup>100</sup> Spolac_c103006_g1_i3_m.32068c103006-g1 | OG1 |
                  Plespi Pspi scaffold13842 01 | OG1 |
       82
               •Tetwil g2393.t1 | OG1 |
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                <sup>100</sup>-Stycar_maker-SC_scaffold98265-snap-gene-0.5-mRNA-1 | OG1 |
                Ague Agu2.1.39158 001 | OG1 |
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                -Halamb_c49993_g2_i1mm.3317 | OG1 |
                  Leuniv Lniv scaffold17334 01 | OG1 |
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                     Scil scict014045.1 | OG1 |
              100
                        •Lcom_lcpid88842 | OG1 |
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             •Morvir scaffold434.g1.t1 | OG1 |
                  •Chem TCONS 00057282 | OG1 |
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               Bralan_BLAG02002100_1 | OG1 |
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                  •Pocdam XM 027197176.1 | OG1 |
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                     •Spis XP 022798860 1 | OG1 |
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                            •Gfas_gfas1.m1.206.m1 | OG1 |
                            •Amil Amillepora33064-RA | OG1 |
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                             <sub>-</sub>Adig XM 015891896.1 | OG1 |
                                  •Adig_XM_015917570.1 | OG1 |
                   -Dgig_XM_028546702.1 | OG1 |
                    -Xesp_020775-T1 | OG1 |
                         •Cscu XM 023385196.1 | OG1 |
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                          -Dpul mRNA27714 | OG1 |
                                  ---Dpul_mRNA19372 | OG1 |
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                         •Cgig_XM_011438345.2 | OG1 |
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                                •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA218337 | OG1 |
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                       •TrH2_TrispH2_010205-RA|OG1|
                    <sup>100]</sup>-Tadh_TriadT50705 | OG1 |
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                        HoiH23_PIH23_005288-RA | OG1 |
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                        -HoiH06_mRNA2327 | OG1 |
                          •HoiH11_mRNA4668 | OG1 |
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             82
                               •Beraby_Baby_sb342075 | OG1 |
                                   Drygla_Dgla_sb275978 | OG1 |
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                                  -Eupdun_Edun_sb10650716 | OG1 |
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                                    Eupdun_Edun_sb10650714 | OG1 |
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                                  <sup>90</sup>-Eupdun_Edun_sb10650715 | OG1 |
                                Vmul_Simscaffold3732_01 | OG1 |
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                                  Coemet_Cmet_scaffold11595_01 | OG1 |
                                    Coeast_Cast_sb782695 | OG1 |
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                                  <sup>72</sup> Coeast_Cast_sb782696 | OG1 |
                           67
                                  Mlei_ML1358.g2.i1 | OG1 |
                               <sup>1001</sup>Vmul_sbMO419051 | OG1 |
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