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                       •Nemnom g4583.t1 | OG0 |
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                   <sup>100</sup> Rhoesc Res 008578-T1 | OG0 |
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           •Xesp 013779-T1 | OG0 |
               •Nvec NVE2092 | OG0 |
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                  Spis_XP_022778980_1 | OG0 |
                <sup>1001</sup>•Pocdam XM_027183265.1 | OG0 |
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              •Gfas gfas1.m1.19219.m1 | OG0 |
               <sub>'</sub>Gfas_gfas1.m1.19220.m1 | OG0 |
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                    Adig_XM_015892584.1 | OG0 |
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                •Aaur scaffold132.g29.t1 | OG1 |
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                  Aaur scaffold132.g30.t1 | OG1 |
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                      •Rhoesc Res 002982-T1 | OG1 |
                             •Ctel gnl WGS AMQN CAPTEDRAFT mRNA175350 | OG1 |
                         <sup>100</sup>-Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA175353 | OG1 |
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                      Bralan BLAG03001192 1 | OG1 |
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                          Spur XM 030986236.1 | OG1 |
                          •Acagra model.g681.t1 | OG1 |
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           88
                             •Cgig_XM_034472028.1 | OG1 |
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                          Tool-Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA222706 | OG1 |
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                           Tcas TC034892 001 | OG1 |
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                              TrH2 TrispH2 003594-RA | OG1 |
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                                  •HoiH23 PIH23 008493-RA|OG1|
                               <sup>99</sup>-HoiH06 mRNA12291 | OG1 |
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                                 •HoiH11_mRNA6595 | OG1 |
                                   TrH2_TrispH2 003593-RA | OG1 |
                                <sup>100</sup><sup>1</sup>Tadh TriadT1311 | OG1 |
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                                   <sub>e</sub>HoiH04_mRNA12231 | OG1 |
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                                   <sup>1001</sup>Hhon_g09165.t1 | OG1 |
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                              Vmul_SimC404646 | OG1 |
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                              <sup>100</sup> Pbac_sb2656711 | OG1 |
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                                 Drygla Dgla sb283198 | OG1 |
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                               <sup>100</sup> Drygla_Dgla_sb283197 | OG1 |
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    62

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                                 Salpun EP00053 Salpingoeca punica P018079 | OG1 |
                                  Salinf EP00049 Salpingoeca infusionum P022271 | OG1 |
                 91
           68
                                     Microa EP00043 Microstomoeca roanoka P010602 | OG1 |
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                                    •Sros_EGD82363 | OG1 |
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                                   •Mbre EDQ92565 | OG1 |
                                      •Chofle_EP00730_Choanoeca_flexa_P017221 | OG1 |
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                                       •Choper_EP00045_Choanoeca_perplexa_P013868 | OG1 |
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                              100<sup>1</sup>--Mylflu_EP00047_Mylnosiga_fluctuans_P015338 | OG1 |
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                                     •Codhol_EP00042_Codosiga_hollandica_P045458 | OG1 |
                                     Didcos EP00039 Didymoeca costata P000656 | OG1 |
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                                          Salmac_EP00052_Salpingoeca_macrocollata_P002091 | OG1 |
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                                    •Lcom_lcpid17779 | OG1 |
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                                     -Scil scict012824.4 | OG1 |
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                            Opea EP00118 Oscarella pearsei P019157 | OG1 |
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                        <sup>96]</sup>•Ocar_g3445 | OG1 |
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                              •Emue Em0657g1a.t1 | OG1 |
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                82
                                •Emue Em0008g1261a.t1 | OG1 |
                              87 -Emue_Em0008g1248a.t1 | OG1 |
                  91
                                Stycar_maker-SC_scaffold6679-snap-gene-0.34-mRNA-1 | OG1 |
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                             <sup>100</sup>1-Tetwil g25531.t2 | OG1 |
                    88
                               •Spolac c9424 g1 i1 m.339c9424-g1 | OG1 |
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