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•Sanmal Sma 010699-T1|OG0|
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                   •HoiH23_PIH23_005386-RA | OG0 |
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                        TrH2 TrispH2 006390-RA | OG0 |
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                     <sup>100</sup>-Tadh_TriadT51597 | OG0 |
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                            Salurc EP00051 Salpingoeca urceolata P011989 | OG0 |
                                  Salkve EP00050 Salpingoeca_kvevrii_P018046 | OG0 |
      98
                              Salinf EP00049 Salpingoeca infusionum P000562 | OG0 |
         33
                                  •Microa_EP00043_Microstomoeca_roanoka_P029804 | OG0 |
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                                     Sros EGD77777 | OG0 |
           59
                                 Chofle EP00730 Choanoeca flexa P011856 | OG0 |
                              Choper EP00045 Choanoeca perplexa P017672 | OG0 |
                                 Diagra_EP00040_Diaphanoeca_grandis_P003491 | OG0 |
                                      •Stedip_EP00041_Stephanoeca_diplocostata_P034569 | OG0 |
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                                     Acaspe_EP00035_Acanthoeca_spectabilis_P006163 | OG0 |
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                                    Helnan EP00037 Helgoeca nana P029970 | OG0 |
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               •Scil scict008996.1 | OG0 |
                                  -Emue_Em0015g908a.t1 | OG0 |
                           •Spolac_c97362_g1_i1_m.14817c97362-g1 | OG0 |
                      981 Spolac c97362 g1 i2 m.14818c97362-g1 | OG0 |
                      Tetwil g18696.t2 | OG0 |
        92
                  Stycar augustus masked-SC scaffold5325-processed-gene-0.9-mRNA-1 | OG0 |
                          Xestes_maker-XT_scaffold4427-snap-gene-0.19-mRNA-1 | OG0 |
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                             •Aque_Aqu2.1.20501_001 | OG0 |
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                                -Halamb_c25004_g1_i2m.4634 | OG0 |
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                             100 Halamb c16851 g1 i2m.2858 | OG0 |
                          Eupdun Edun sb10642839 | OG0 |
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                               Vmul SimC393946 | OG0 |
                              Coemet Cmet scaffold10793 01 | OG0 |
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                                -Horcal Hcv1.av93.c1.g1083.i1 | OG0 |
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                            100 -Pbac_sb2656593 | OG0 |
                                   Beraby_Baby_sb333239 | OG0 |
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                                  Mlei ML2056.g4.i1 | OG0 |
                                    Lampan Lpan C411065 01 | OG0 |
                                    Drygla Dgla sb278573 | OG0 |
                                     r-Mertsp_Mesp_sb567130 | OG0 |
                                       Bolinf_Binf_sb1223626 | OG0 |
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                                        _Bolinf_Binf_sb1223625 | OG0 |
                                       <sup>71</sup> Mertsp Mesp_sb567129 | OG0 |
                        Opea EP00118 Oscarella pearsei P021296 | OG0 |
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                         Salpun_EP00053_Salpingoeca_punica_P002581 | OG0 |
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                                     Salmac EP00052 Salpingoeca macrocollata P016514 | OG0 |
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                         Bralan_BLAG01001527_1 | OG0 |
       38
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                            •Skow XM 002739380.2 | OG0 |
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                           Cscu XM 023362332.1 | OG0 |
                               •Spur XM 030975301.1 | OG0 |
                           <sup>100</sup>1•Spur_XM_030992155.1 | OG0 |
                            Acagra model.g11872.t1 | OG0 |
                           Cgig XM 011452106.3 | OG0 |
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                                100 Dpul_mRNA6398 | OG0 |
                        Exapal XM 021050142.2 | OG0 |
                        Nvec v1g239337 | OG0 |
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                           Fspp ffun1.m4.26418.m1 | OG0 |
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                          •Spis_XP_022803707_1 | OG0 |
                        <sup>991</sup>-Pocdam XM_027194810.1 | OG0 |
                                Amil_Amillepora24989-RA | OG0 |
                              <sup>79</sup> -Adig_XM_015895354.1 | OG0 |
                               Adig XM 015901962.1 | OG0 |
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