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        Xestes maker-XT scaffold14058-augustus-gene-0.27-mRNA-1 | OG1 |
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    35
               Opea_EP00118_Oscarella_pearsei_P012300 | OG1 |
             <sup>99</sup> Ocar g2753 | OG1 |
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                •Gracom_Gcom_C550752_01 | OG1 |
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                    •Lcom_lcpid71295 | OG1 |
                <sup>951</sup>-Leuniv Lniv_C812168_01 | OG1 |
                Salpun_EP00053_Salpingoeca_punica_P011622 | OG2 |
                       •Codhol_EP00042_Codosiga_hollandica_P033842 | OG2 |
                Toolino EP00042 Codosiga_hollandica_P033841 | OG2 |
                Saldol EP00054 Salpingoeca dolichothecata P001651 | OG2 |
    60
                  Diagra_EP00040_Diaphanoeca_grandis_P022362 | OG2 |
75
                       Didcos_EP00039_Didymoeca_costata_P028247 | OG2 |
            87
                         -Stedip_EP00041_Stephanoeca_diplocostata_P004245 | OG2 |
                        •Acaspe EP00035 Acanthoeca spectabilis P020315 | OG2 |
      79
                   <sup>100</sup><sup>1</sup>--Helnan_EP00037_Helgoeca_nana_P015881 | OG2 |
               Salmac_EP00052_Salpingoeca_macrocollata_P006489 | OG2 |
                 Salurc_EP00051_Salpingoeca_urceolata_P028100 | OG2 |
                     Lcom_lcpid164262 | OG2 |
        69
                   <sup>87</sup> Lcom | lcpid207756 | OG2 |
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                           Salinf EP00049 Salpingoeca infusionum P026278 | OG2 |
                        •Microa_EP00043_Microstomoeca_roanoka_P007006 | OG2 |
                       •Sros_EGD81331 | OG2 |
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                     -Salkve_EP00050_Salpingoeca_kvevrii_P006641 | OG2 |
                     Mbre EDQ92662 | OG2 |
                       Chofle EP00730 Choanoeca flexa P016506 | OG2 |
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                           •Choper_EP00045_Choanoeca_perplexa_P001092 | OG2 |
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                          -Choper_EP00045_Choanoeca_perplexa_P001091 | OG2 |
             TrH2_TrispH2 001263-RA | OG3 |
           <sup>100</sup><sup>1</sup>Tadh_TriadT14880 | OG3 |
                <sub>e</sub>HoiH23_PIH23_009949-RA | OG3 |
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                        •Bralan BLAG19000715 1 | OG3 |
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                           Sanmal Sma 008352-T1 | OG3 |
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                            Aaur scaffold206.g3.t1 | OG3 |
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                    Xesp_008380-T1 | OG3 |
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                       -Nvec NVE4866 | OG3 |
            62
                    <sup>1001</sup>Nvec v1g124032 | OG3 |
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                         Gasp_gasp1.m3.11029.m1 | OG3 |
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                        <sup>95</sup> Pocdam XM 027181327.1 | OG3 |
                            ·Gfas_gfas1.m1.14348.m1 | OG3 |
                                 •Gfas_gfas1.m1.9894.m1 | OG3 |
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                               <sup>100</sup> -Amil_Amillepora04309-RA | OG3 |
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Beraby_Baby_sb350389 | OG0 |