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Salkve EP00050 Salpingoeca kvevrii P006743 | OG0 |
           Salurc_EP00051_Salpingoeca_urceolata_P028553 | OG0 |
               Didcos_EP00039_Didymoeca_costata_P019216 | OG0 |
              Diagra EP00040 Diaphanoeca grandis P005678 | OG0 |
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  82
                  -Stedip_EP00041_Stephanoeca_diplocostata_P011947 | OG0 |
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                 Acaspe EP00035 Acanthoeca spectabilis P020185 | OG0 |
                   -Helnan_EP00037_Helgoeca_nana_P032187 | OG0 |
    86
             •Microa EP00043 Microstomoeca roanoka P026152 | OG0 |
             -Sros EGD81609 | OG0 |
                Salinf EP00049_Salpingoeca_infusionum_P004001 | OG0 |
35
                •Mbre EDQ85313 | OG0 |
                  •Chofle_EP00730_Choanoeca_flexa_P017419 | OG0 |
                   Choper EP00045 Choanoeca perplexa P001747 | OG0 |
           | Salmac_EP00052_Salpingoeca_macrocollata_P030840 | OG0
            •Mylflu EP00047 Mylnosiga fluctuans P002701 | OG0 |
                 Horcal Hcv1.av93.c8.g699.i1 | OG0 |
              100 - Pbac sb2645807 | OG0 |
                     Drygla Dgla sb287842 | OG0 |
                        •Eupdun Edun sb10624347 | OG0 |
                        Mlei ML0670.g1.i1 | OG0 |
                     <sup>100</sup> Vmul_sbMO405814 | OG0 |
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                          Mertsp_Mesp_sb545913 | OG0 |
                            Bolinf Binf sb1188328 | OG0 |
                              Beraby_Baby_sb332809 | OG0 |
                            <sup>69</sup>Beraby Baby_sb332810 | OG0 |
              74
                            Mertsp Mesp sb584484 | OG0 |
                          <sup>991</sup>Mertsp_Mesp_sb584485 | OG0 |
                            Bolinf_Binf_sb1256340 | OG0 |
                               Bolinf Binf sb1256341 | OG0 |
                                Bolinf_Binf_sb1256339 | OG0 |
                               1 Bolinf Binf sb1256342 | OG0 |
                                Bolinf_Binf_sb1256338 | OG0 |
                                 Mertsp Mesp sb584483 | OG0 |
                                •Lampan Lpan 15114 01 | OG0 |
                             ·Vmul Simscaffold8236 01 | OG0 |
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                              Coemet Cmet scaffold15193 01 | OG0 |
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                                  •Coeast_Cast_sb798117 | OG0 |
                                <sup>71</sup> Coeast Cast sb798119 | OG0 |
                                   Coeast Cast sb798118 | OG0 |
                                1001 Coeast Cast sb798122 | OG0 |
                        •Mlei_ML0191.g8.i1 | OG0 |
                           Bolinf_Binf_sb1267844 | OG0 |
                         73 Bolinf_Binf_sb1267843 | OG0 |
                           1-Bolinf Binf sb1267845 | OG0 |
                              Bolinf Binf sb1267847 | OG0 |
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                           100 Bolinf Binf sb1267846 OG0
                              1<sup>1</sup>Bolinf_Binf_sb1267848 | OG0 |
                             Mertsp Mesp_sb580076 | OG0 |
                           <sup>1</sup>Mertsp Mesp sb580077 | OG0 |

    Saldol EP00054 Salpingoeca dolichothecata P001870 | OG0 |

             •Codhol_EP00042_Codosiga_hollandica_P041088 | OG0 |
   92
                 •Lcom lcpid224071 | OG0 |
            •Plajan Pjan C554823 01 | OG0 |
              •Spur_XM_003726802.3 | OG0 |
                       Lcom | lcpid194250 | OG0 |
80
                   Opea EP00118 Oscarella pearsei P025254 | OG0 |
                       Skow NM 001184820.1 | OG0 |
                         •Cscu XM 023353868.1 | OG0 |
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                          Dpul mRNA29221 | OG0 |
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                             →icas_iC011159_001 | OG0 |
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                      •Clacor_Ccor_C537831_01 | OG0 |
                         Leuniv_Lniv_scaffold7728_01 | OG0 |
                      <sup>1001</sup>Leuniv Lniv scaffold7729 01 | OG0 |
                          Lcom | lcpid29099 | OG0 |
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    64
                           Scil_scict009176.1 | OG0 |
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                  Lcom_lcpid232114 | OG0 |
                     -Cgig_XM_034448597.1 | OG0 |
                     Acagra_model.g8607.t1 | OG0 |
                  <sup>1001</sup>Acagra_model.g8607.t1.1.5d3b8592 | OG0 |
                        •Lcom_lcpid223248 | OG0 |
                          •Spolac_c103661_g1_i1_m.35418c103661-g1 | OG0 |
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                         -Emue_Em0001g3614a.t1 | OG0 |
                          •Tetwil g11639.t2 | OG0 |
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      29
                          •Halamb_c37524_g1_i1m.10148 | OG0 |
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                             •Aque_Aqu2.1.42594_001 | OG0 |
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                             -Xestes_snap_masked-XT_scaffold177553-processed-gene-0.13-mRNA-1 | OG0 |
                 •Bralan_BLAG05001157_1 | OG0 |
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                    Hsap ENST00000302746 | OG0 |
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                        <sup>100</sup> Plespi_Pspi_scaffold8970_01 | OG0 |
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                         •Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA210526 | OG0 |
        53
                          TrH2_TrispH2_000052-RA | OG0 |
              67
                       <sup>100]</sup>Tadh_TriadT37016 | OG0 |
                             <sub>-</sub>HoiH06_mRNA1688 | OG0 |
                     100
                                -HoiH11_mRNA8874 | OG0 |
                             -HoiH23 PIH23_002613-RA | OG0 |
                               Hhon_g09961.t1 | OG0 |
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                             <sup>100</sup> HoiH04_mRNA7482 | OG0 |
                            •Morvir_scaffold224.g10.t3 | OG0 |
                          •Hvul_g9634_1 | OG0 |
                           Chem_TCONS_00011315 | OG0 |
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                         Sanmal_Sma_009491-T1 | OG0 |
                          •Aaur_scaffold154.g14.t1 | OG0 |
                  100
                            •Nemnom_g9419.t1 | OG0 |
                        <sup>100</sup><sup>_</sup>-Rhoesc_Res_013310-T1 | OG0 |
                        Dgig_XM_028558641.1 | OG0 |
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                         •Xesp_003250-T1 | OG0 |
                          •Nvec_v1g236978 | OG0 |
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                                •Exapal_XM_021048481.1 | OG0 |
                          •Gfas_gfas1.m1.8772.m1 | OG0 |
                            Adig_XM_015922513.1 | OG0 |
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                         100<sup>1</sup>-Amil Amillepora03530-RA | OG0 |
                             •Spis_XP_022807738_1 | OG0 |
                          <sup>100</sup><sup>1</sup>•Pocdam_XM_027203079.1 | OG0 |
                             -Gasp gasp1.m3.924.m1 | OG0 |
                             •Fspp ffun1.m4.9255.m1 | OG0 |
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