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•Plajan Pjan scaffold7842 01 | OG0 |
                       Opea_EP00118_Oscarella_pearsei_P001720 | OG0 |
                  <sup>1001</sup>-Opea EP00118_Oscarella_pearsei_P001721 | OG0 |
   61
                            •Sros EGD72621 | OG0 |
     38
                             •Microa EP00043 Microstomoeca roanoka P028631 | OG0 |
                                   •Mbre EDQ88500 | OG0 |
                            Chofle_EP00730_Choanoeca_flexa_P011952 | OG0 |
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                          ·Choper_EP00045_Choanoeca_perplexa_P005041 | OG0 |
                          TrH2 TrispH2 006002-RA | OG0 |
                       <sup>1001</sup>Tadh_TriadT21690 | OG0 |
                          •HoiH11 mRNA5536 | OG0 |
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                              Hhon g01445.t1 | OG0 |
                            -HoiH06 mRNA1282 | OG0 |
                           <sup>891</sup>-HoiH23_PIH23_002929-RA | OG0 |
   49
                            •Clacor Ccor C529917 01 | OG0 |
                                •Lcom lcpid40857 | OG0 |
                                  •Gracom_Gcom_scaffold10391_01 | OG0 |
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                                  •Scil_scict005220.1 | OG0 |
                      •Tetwil g23007.t1 | OG0 |
                     •Stycar maker-SC scaffold2099-snap-gene-0.167-mRNA-1 | OG0 |
                          •Emue Em0023g806a.t1 | OG0 |
                     -Xestes_maker-XT_scaffold139327-augustus-gene-0.34-mRNA-1 | OG0 |
                       Halamb_c43980_g1_i1m.16881 | OG0 |
                           Aque Aqu2.1.37773_001 | OG0 |

    Saldol EP00054 Salpingoeca dolichothecata P023659 | OG0 |

                  Salurc EP00051 Salpingoeca urceolata P029823 | OG0 |
                           •Codhol_EP00042_Codosiga_hollandica_P010079 | OG0 |
                       Stedip EP00041 Stephanoeca diplocostata P024546 | OG0 |
                       Diagra_EP00040_Diaphanoeca_grandis_P008003 | OG0 |
                        Acaspe EP00035 Acanthoeca spectabilis P008206 | OG0 |
    70
                         •Helnan_EP00037_Helgoeca_nana_P015038 | OG0 |
               Mylflu EP00047 Mylnosiga fluctuans P014762 | OG0 |
                               Salkve_EP00050_Salpingoeca_kvevrii_P020473 | OG0 |
                           Salkve EP00050 Salpingoeca kvevrii P020472 | OG0 |
                               -Salkve EP00050 Salpingoeca kvevrii P020475 | OG0 |
                    Salkve_EP00050_Salpingoeca_kvevrii P020474 | OG0 |
        36
                     Salmac_EP00052_Salpingoeca_macrocollata_P006450 | OG0 |
                        Didcos_EP00039_Didymoeca_costata_P001052 | OG0 |
                      Salpun EP00053 Salpingoeca punica P004374 | OG0 |
                •Codhol EP00042 Codosiga hollandica P009748 | OG0 |
                      Coeast Cast sb779349 | OG0 |
 46
                          •Coemet_Cmet_scaffold9918_01 | OG0 |
      81
                   100
                      <sup>100</sup> Coemet_Cmet_scaffold9919_01 | OG0 |
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                    Horcal Hcv1.av93.c11.g1020.i1 | OG0 |
                          •Pbac sb2658817 | OG0 |
                          Drygla Dgla sb278047 | OG0 |
                        •Lampan_Lpan_C401223_01 | OG0 |
                             Beraby_Baby_sb333921 | OG0 |
                           <sup>1001</sup>Beraby_Baby_sb333922 | OG0 |
               •Spur_XM_011668609.2 | OG0 |
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                    Bralan BLAG06000651_1 | OG0 |
                                       Salinf_EP00049_Salpingoeca_infusionum_P003070 | OG0 |
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                   Skow XM 002739371.2 | OG0 |
            48
                      -Hsap ENST00000649263 | OG0 |
                  <sup>100</sup> Hsap ENST00000309439 | OG0 |
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                Ctel gnl_WGS_AMQN_CAPTEDRAFT_mRNA162347 | OG0 |
                       Cgig_XM_011433697.3 | OG0 |
                           Acagra model.g13153.t1 | OG0 |
                     Cscu XM 023374291.1 | OG0 |
                            •Dpul mRNA1852 | OG0 |
     39
                         -•Tcas_TC007130_001 | OG0 |
                        •Chem_TCONS_00015437 | OG0 |
                      •Hvul_g8309_1 | OG0 |
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                     Morvir scaffold20.g95.t1 | OG0 |
                      •Sanmal_Sma_012887-T1 | OG0 |
                      Rhoesc Res 014005-T1 | OG0 |
                   <sup>100</sup><sup>1</sup>-Nemnom g10222.t1 | OG0 |
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                     Fspp ffun1.m4.22510.m1 | OG0 |
                   <sup>37</sup>Ū-Pocdam XM 027183618.1 | OG0 |
                     Gfas gfas1.m1.7150.m1 | OG0 |
                   91<sup>_</sup>-Adig XM 015898298.1 | OG0 |
0.416667
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