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-Salinf_EP00049_Salpingoeca_infusionum_P000400 | OG1 |
     Chofle EP00730 Choanoeca flexa P018220 | OG1 |
     Choper_EP00045_Choanoeca_perplexa_P010216 | OG1 |
 •Mylflu EP00047 Mylnosiga fluctuans P014150 | OG4 |
            Acaspe EP00035 Acanthoeca spectabilis P023341 | OG2 |
                      -Helnan_EP00037_Helgoeca_nana_P012264 | OG2 |
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            ·Saldol_EP00054_Salpingoeca_dolichothecata_P010597 | OG3 |
                   Diagra EP00040 Diaphanoeca grandis P008243 | OG3 |
                   Stedip EP00041 Stephanoeca diplocostata P039674 | OG3 |
                       Didcos_EP00039_Didymoeca_costata_P028355 | OG3 |
                       •Acaspe_EP00035_Acanthoeca_spectabilis_P020325 | OG3 |
                        Helnan_EP00037_Helgoeca_nana_P018360 | OG3 |
                            Helnan EP00037 Helgoeca nana P018364 | OG3 |
                      Mylflu EP00047 Mylnosiga fluctuans P001814 | OG3 |
                       Salmac_EP00052_Salpingoeca_macrocollata_P030877 | OG3 |
                       Salpun_EP00053_Salpingoeca_punica_P017394 | OG3 |
                      -Salurc_EP00051_Salpingoeca_urceolata_P018792 | OG3 |
                          Salurc EP00051 Salpingoeca urceolata P018798 | OG3 |
                     Salkve EP00050 Salpingoeca kvevrii P019428 | OG3 |
                         Salinf_EP00049_Salpingoeca_infusionum_P017680 | OG3 |
                          •Microa_EP00043_Microstomoeca_roanoka_P008375 | OG3 |
                           Sros EGD78847 | OG3 |
                         •Mbre EDQ85139 | OG3 |
                         Choper EP00045 Choanoeca perplexa P004057 | OG3 |
                           •Chofle_EP00730_Choanoeca_flexa_P019256 | OG3 |
                            Chofle EP00730 Choanoeca flexa P019254 | OG3 |
                          911 Chofle EP00730_Choanoeca_flexa_P019255 | OG3 |
  Salurc EP00051 Salpingoeca urceolata P010753 | OG0 |
| Salurc EP00051_Salpingoeca_urceolata_P010754 | OG0
  Salkve_EP00050_Salpingoeca_kvevrii_P017866 | OG0 |
   Saldol_EP00054_Salpingoeca_dolichothecata_P037359 | OG0 |
      -Salmac_EP00052_Salpingoeca_macrocollata_P012270 | OG0 |
     Salpun EP00053 Salpingoeca punica P007749 | OG0 |
      Mylflu EP00047 Mylnosiga fluctuans P014151 | OG0 |
    Codhol_EP00042_Codosiga_hollandica_P034601 | OG0 |
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                        Codhol EP00042 Codosiga_hollandica_P034607 | OG0 |
    •Plespi_Pspi_C610042 01 | OG0 |
     •Aque_Aqu2.1.43967_001 | OG0 |
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       •Emue Em0002g1605a.t1 | OG0 |
   <sup>100</sup>-Spolac_c103570_g1_i1_m.34912c103570-g1 | OG0 |
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    Opea EP00118 Oscarella pearsei P028530 | OG0 |
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              Lcom | lcpid70781 | OG0 |
               -Gracom_Gcom_scaffold18529_01 | OG0 |
             95<sup>1</sup>-Scil scict023785.1 | OG0 |
                  Lcom | lcpid78794 | OG0 |
                     -Gracom Gcom C553300 01 | OG0 |
                100 Scil scict019246.1 | OG0 |
       <sub>s</sub>Dgig_XM_028546266.1 | OG0 |
    <sup>1001</sup>Dgig_XM_028560957.1 | OG0 |
           •Exapal XM 028658799.1 | OG0 |
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            •Pocdam_XM_027183384.1 | OG0 |
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              <sub>•</sub>Amil_Amillepora21327-RA | OG0 |
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              •Hvul_g18336_1 | OG0 |
             •Chem TCONS 00013222 | OG0 |
             •Morvir_scaffold85.g13.t1 | OG0 |
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                   Rhoesc_Res_012566-T1 | OG0 |
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                  Hsap ENST00000397775 | OG0 |
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                          -Dpul mRNA21717 | OG0 |
                       HoiH04_mRNA13896 | OG0 |
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                  <sup>100</sup> Tadh TriadT24726 | OG0 |
                     •HoiH11_mRNA2634 | OG0 |
                       +HoiH23_PIH23_006804-RA | OG0 |
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                   Pbac_sb2657782 | OG0 |
                    Horcal_Hcv1.av93.c12.g147.i2 | OG0 |
                   <sup>73</sup> Horcal_Hcv1.av93.c12.g147.i1 | OG0 |
                     Beraby Baby sb328243 | OG0 |
                  <sup>100</sup> Beraby_Baby_sb328244 | OG0 |
                     •Mlei ML0508.g22.i1 | OG0 |
                         Coemet Cmet scaffold6853 01 | OG0 |
                              <u>-</u>Lampan_Lpan_10159_01 | OG0 |
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                               <sup>78</sup> Coeast_Cast_sb793282 | OG0 |
                           rCoeast_Cast_sb793275 | OG0 |
                             •Coeast_Cast_sb793276 | OG0 |
                               Coeast_Cast_sb793279 | OG0 |
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