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·Codhol_EP00042_Codosiga_hollandica_P034681 | OG0 |
                                   Salinf_EP00049_Salpingoeca_infusionum_P004216 | OG0 |
                        Microa_EP00043_Microstomoeca_roanoka_P010712 | OG0 |
            100
                           |Sros_EGD79877 | OG0
  89
        100
                          Mbre EDQ90121 | OG0 |
                          Chofle_EP00730_Choanoeca_flexa_P002865 | OG0 |
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                    100
                          Choper_EP00045_Choanoeca_perplexa_P005641 | OG0 |
     55
                           •Mylflu_EP00047_Mylnosiga_fluctuans_P013189 | OG0 |
                        | Saldol_EP00054_Salpingoeca_dolichothecata_P021195 | OG0
                           -Salurc_EP00051_Salpingoeca_urceolata_P002092 | OG0 |
               100
                           Salkve EP00050 Salpingoeca kvevrii P016752 | OG0 |
       56
                         Salmac_EP00052_Salpingoeca_macrocollata_P022593 | OG0 |
             97
                                  -Salpun_EP00053_Salpingoeca_punica_P017836 | OG0 |
                 99
         74
                              98<sup>1</sup>Salpun_EP00053_Salpingoeca_punica_P017834 | OG0 |
                          •Aque Aqu2.1.04849 001 | OG0 |
                                  •Didcos_EP00039_Didymoeca_costata P019615 | OG0 |
                                   Diagra EP00040 Diaphanoeca grandis P007843 | OG0 |
                83
                                Stedip EP00041 Stephanoeca diplocostata P033873 | OG0 |
                   93
                                    Acaspe EP00035_Acanthoeca_spectabilis_P024779 | OG0 |
                      94
                                    •Helnan_EP00037_Helgoeca_nana_P008278 | OG0 |
                         Eupdun Edun sb10690126 | OG1 |
                            •Coemet_Cmet_scaffold20056_01 | OG1 |
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                100
                            •Vmul_Simscaffold10039_01 | OG1 |
                            -Lampan_Lpan_C418395_01 | OG1 |
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                                   -Pbac sb2666562 | OG1 |
                                   Pbac sb2666564 | OG1 |
                      58
                                <sup>1</sup>00<sup>1</sup>•Horcal_Hcv1.av93.c9.g697.i1 | OG1 |
                                  •Mlei_ML0198.g1.i1 | OG1 |
                         63
                                    -Beraby_Baby_sb328932 | OG1 |
                                   Mlei ML0615.g21.i1 | OG1 |
                           92
                                    Drygla Dgla sb300914 | OG1 |
                             93
                                  <sup>57</sup> Drygla_Dgla_sb300915 | OG1 |
                                    Drygla Dgla sb300921 | OG1 |
                               100
                                         Drygla Dgla sb300918 | OG1 |
                                      <sup>98]</sup>•Drygla_Dgla_sb300919 | OG1 |
                                        Drygla_Dgla_sb300920 | OG1 |
                                           Drygla Dgla sb300916 | OG1 |
                                         961 Drygla_Dgla_sb300917 | OG1 |
  89
                               •Plespi_Pspi_C608192_01 | OG1 |
                                 Xestes maker-XT scaffold4809-snap-gene-0.12-mRNA-1 | OG1 |
                               •Halamb_c55302_g1_i2m.40495 | OG1 |
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                                 Aque_Aqu2.1.28689_001 | OG1 |
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                                        •Spolac_c103412_g2_i1_m.34106c103412-g1 | OG1 |
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                                   <sup>100</sup><sup>1</sup>-Emue Em0011g149a.t1 | OG1 |
                                         Stycar_maker-SC_scaffold144305-snap-gene-0.30-mRNA-1 | OG1
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                                          Stycar maker-SC scaffold6689-augustus-gene-0.19-mRNA-1 | OG1 |
                                        Plespi_Pspi_scaffold12032_01 | OG1 |
                        93
                                     100 Plespi Pspi_scaffold12033_01 | OG1 |
                                      -Stycar_maker-SC_scaffold6689-snap-gene-0.21-mRNA-1 | OG1 |
                                     •Tetwil_g6978.t2 | OG1 |
                           •Plajan Pjan scaffold23170 01 | OG1 |
                         Opea EP00118 Oscarella pearsei P026307 | OG1 |
               100
                      <sup>100</sup> •Ocar_g5796 | OG1 |
     78
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                               Clacor_Ccor_C505321_01 | OG1 |
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                                   Leuniv Lniv C809412 01 | OG1 |
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                                    Gracom_Gcom_scaffold11342_01 | OG1 |
                                  <sup>991</sup>-Gracom_Gcom_scaffold11341_01 | OG1 |
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                                  -Hvul_g25502_1 | OG1 |
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                                 -Chem_TCONS_00017898 | OG1 |
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                              Sanmal Sma 011878-T1 | OG1 |
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                                  Aaur scaffold1437.g1.t2 | OG1 |
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                                      •Nemnom_g11989.t1 | OG1 |
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                                    •Rhoesc_Res_016842-T1 | OG1 |
                              •Dgig_XM_028547922.1 | OG1 |
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                                  •Xesp 000853-T1 | OG1 |
                             Exapal_XM_021040602.2 | OG1 |
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                               Gfas_gfas1.m1.18835.m1 | OG1 |
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                                 -Amil_Amillepora25337-RA | OG1 |
                              <sup>100</sup><sup>L</sup>•Adig_XM_015921766.1 | OG1 |
                                 •Spis_XP_022782114_1 | OG1 |
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                             <sup>100</sup> Pocdam_XM_027200112.1 | OG1 |
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                                 •Gasp_gasp1.m3.492.m1 | OG1 |
                             <sup>100</sup><sup>1</sup>-Fspp_ffun1.m4.14945.m1 | OG1 |
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                                <sup>95</sup> HoiH04_mRNA14449 | OG1 |
                                     •HoiH23 PIH23 006981-RA | OG1 |
                                   <sup>87</sup>-HoiH06_mRNA3261 | OG1 |
                                     -HoiH11_mRNA9196 | OG1 |
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                                   Skow XM_006821192.1 | OG1 |
                                     -Hsap ENST00000296603 | OG1 |
                               Cscu XM 023364725.1 | OG1 |
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                                          •Cscu_XM_023384357.1 | OG1 |
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                                      •Tcas_TC012164_001 | OG1 |
                                      Dpul_mRNA12791 | OG1 |
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                                            •Dpul mRNA12788 | OG1 |
                                -Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA167426 | OG1 |
                                Cgig_XM_011429181.3 | OG1 |
                    90
                             <sup>100</sup> Cgig_XM_034457421.1 | OG1 |
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                                Acagra_model.g11871.t1 | OG1 |
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                                921-Acagra model.g11871.t1.2.5d3b86c1 | OG1 |
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