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Codhol EP00042 Codosiga hollandica P058396 | OG0 |
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                     Salmac_EP00052_Salpingoeca_macrocollata_P005549 | OG0 |
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                  •Salpun_EP00053_Salpingoeca_punica_P020600 | OG0 |
                       <u>-Mylflu_EP00047_Mylnosiga_fluctuans_P018362 | OG0 |</u>
                         -Mylflu EP00047 Mylnosiga fluctuans P018363 | OG0 |
98
                      Mylflu_EP00047_Mylnosiga_fluctuans_P018455 | OG0 |
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                         –Mylflu_EP00047_Mylnosiga_fluctuans_P016322 | OG0 |
                      841 Mylflu_EP00047_Mylnosiga_fluctuans_P009252 | OG0 |
                    •Salurc_EP00051_Salpingoeca_urceolata P018855 | OG0 |
  83
                          Salkve EP00050 Salpingoeca kvevrii P019004 | OG0 |
      35
                     <sup>100</sup> Salkve_EP00050_Salpingoeca_kvevrii_P019006 | OG0 |
                                     Salinf_EP00049_Salpingoeca_infusionum_P021691 | OG0 |
        65
                                •Chofle_EP00730_Choanoeca_flexa_P003348 | OG0 |
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    20
                                   -Choper EP00045_Choanoeca_perplexa_P013314 | OG0 |
                     Saldol EP00054 Salpingoeca dolichothecata P008836 | OG0 |
                                    Lcom lcpid255071 | OG0 |
                     Didcos EP00039 Didymoeca costata P001172 | OG0 |
                         Diagra EP00040 Diaphanoeca grandis P034143 | OG0 |
                          Stedip_EP00041_Stephanoeca_diplocostata_P008803 | OG0 |
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                            Acaspe EP00035 Acanthoeca spectabilis P004520 | OG0 |
                            -Helnan_EP00037_Helgoeca_nana_P029700 | OG0 |
                  Plespi_Pspi_scaffold8756_01 | OG1 |
               <sup>100</sup>Plespi Pspi_scaffold8757_01 | OG1 |
               •Tetwil g27287.t2 | OG1 |
  55
                 Spolac c104492 g1 i1 m.40918c104492-g1 | OG1 |
              <sup>100]</sup>-Spolac_c104492_g1_i2_m.40921c104492-g1 | OG1 |
                •Plajan_Pjan_C570548_01 | OG2 |
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                    Opea EP00118 Oscarella pearsei P012850 | OG2 |
                        Opea EP00118 Oscarella pearsei P012849 | OG2 |
                    <sup>92</sup> Ocar g6258 | OG2 |
                     •Stycar maker-SC_scaffold1445-augustus-gene-0.3-mRNA-1 | OG2 |
                        •Plespi_Pspi_scaffold8759_01 | OG2 |
98
                        Clacor Ccor scaffold14997 01 | OG2 |
                                •Leuniv Lniv C806714 01 | OG2 |
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                                •Gracom_Gcom_C560740_01 | OG2 |
                              Lcom_lcpid80799 | OG2 |
                  100
                            <sup>681</sup>Lcom_lcpid97141 | OG2 |
                               Lcom | lcpid184412 | OG2 |
                            100 Lcom_lcpid128418 | OG2 |
                  •Bralan_BLAG03102290_7 | OG2 |
                   •Hsap_ENST00000265986 | OG2 |
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  43
                     Skow XM 006823071.1 | OG2 |
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                         •Skow XM 006822250.1 | OG2 |
                          <sub>|</sub>Spur_XM_030992950.1 | OG2 |
                        <sup>100</sup>lSpur_XM_030985347.1 | OG2 |
                        •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA155510 | OG2 |
                        Acagra model.g1567.t1 | OG2 |
                          Cgig XM 011430103.3 | OG2 |
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                      Cscu XM 023379455.1 | OG2 |
                            •Dpul_mRNA18827 | OG2 |
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                            -Tcas_TC000308_001 | OG2 |
                     •Dgig XM 028535286.1 | OG2 |
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                     •Xesp 013935-T1 | OG2 |
                    •Exapal XM 021036504.1 | OG2 |
                    Nvec v1g230057 | OG2 |
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                 <sup>100</sup> Nvec_v1g148988 | OG2 |
                       Spis_XP_022783682 1 | OG2 |
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                    <sup>[100</sup><sup>1</sup>-Pocdam_XM_027186411.1 | OG2 |
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                        -Fspp ffun1.m4.23447.m1 | OG2 |
                         Gasp_gasp1.m3.655.m1 | OG2 |
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                      Gfas_gfas1.m1.17637.m1 | OG2 |
                      -Adig XM 015919350.1 | OG2 |
                        Amil_Amillepora03239-RA | OG2 |
      82
                      96 -Adig_XM_015916511.1 | OG2 |
                      TrH2_TrispH2_010235-RA | OG2 |
                    <sup>1001</sup>-Tadh_TriadT28404 | OG2 |
                        •HoiH11 mRNA7950 | OG2 |
                             -HoiH23 PIH23 003484-RA | OG2 |
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                          <sup>100</sup> <del>-</del>HoiH06_mRNA6691 | OG2 |
                             <sub>e</sub>Hhon_g02235.t1 | OG2 |
                          <sup>100</sup> HoiH04_mRNA14867 | OG2 |
        76
                                •Chem_TCONS_00071355 | OG2 |
                                -Hvul g4547 1 | OG2 |
                  100
                                     -Hvul g4546 1 | OG2 |
                                    •Hvul_g4548_1 | OG2 |
           97
                           •Morvir_scaffold195.g27.t1 | OG2 |
                       •Morvir scaffold195.g29.t3 | OG2 |
                       Sanmal Sma 011009-T2 | OG2 |
                          •Aaur_scaffold152.g9.t1 | OG2 |
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                           Aaur_scaffold152.g10.t4 | OG2 |
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                            •Rhoesc_Res_000602-T1 | OG2 |
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