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•Saldol_EP00054_Salpingoeca_dolichothecata_P038278 | OG0 |
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              Codhol_EP00042_Codosiga_hollandica_P048471 | OG0 |
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                •Codhol_EP00042_Codosiga_hollandica_P048469 | OG0 |
           Salurc_EP00051_Salpingoeca_urceolata_P027730 | OG0 |
               •Lcom | lcpid129163 | OG0 |
97
           | Salkve_EP00050_Salpingoeca_kvevrii_P006289
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             •Lcom_lcpid226409 | OG0 |
            ·Salmac_EP00052_Salpingoeca_macrocollata_P030563 | OG0 |
  69
      100
              Salpun_EP00053_Salpingoeca_punica_P011173 | OG0 |
               •Microa_EP00043_Microstomoeca_roanoka_P026880 | OG0 |
               •Sros_EGD72368 | OG0 |
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                 Salinf_EP00049_Salpingoeca_infusionum_P023437 | OG0 |
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                  •Mbre_EDQ92044 | OG0 |
                  -Chofle_EP00730_Choanoeca_flexa_P013021 | OG0 |
      63
               T00<sup>1</sup>-Choper EP00045_Choanoeca_perplexa_P002748 | OG0 |
               •Lcom_lcpid159733 | OG0 |
                  Didcos_EP00039_Didymoeca_costata_P032080 | OG0 |
                     Diagra_EP00040_Diaphanoeca_grandis_P027464 | OG0 -
                    Stedip EP00041 Stephanoeca diplocostata P006657 | OG0 |
                                    Lcom lcpid233206 | OG0 |
                       •Acaspe_EP00035_Acanthoeca_spectabilis_P019959 | OG0 |
                   <sup>100</sup>└-Helnan_EP00037_Helgoeca_nana_P002043 | OG0 |
                 Lcom_lcpid217414 | OG3 |
                    -Xestes_augustus_masked-XT_scaffold118914-processed-gene-0.0-mRNA-1 | OG2 |
                            Lcom | lcpid236423 | OG2 |
        •Bralan_BLAG10000691_1 | OG1 |
             •Skow_XM_006817212.1 | OG1 |
                Spur_XM_030976296.1 | OG1 |
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               Skow XM 006821844.1 | OG1 |
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                      Lcom_lcpid47212 | OG1 |
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             100
                  <sup>95</sup> -Scil scict003463.1 | OG1 |
                       •Leuniv_Lniv_scaffold5456_01 | OG1 |
                       Leuniv Lniv scaffold5455 01 | OG1 |
                        -Leuniv Lniv scaffold5457 01 | OG1 |
                      •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA153442 | OG1 |
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                       •Tcas_TC032288_001 | OG1 |
                           •Dpul_mRNA22632 | OG1 |
                           Cscu XM 023385142.1 | OG1 |
                         Cgig XM 011418218.3 | OG1 |
                          -Acagra_model.g13846.t1 | OG1 |
                       <sup>100</sup> Acagra_model.g13847.t1 | OG1 |
                        <sub>e</sub>HoiH23_PIH23_008628-RA | OG1 |
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                          •HoiH06 mRNA1099 | OG1 |
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                              HoiH11 mRNA7184 | OG1 |
                                  <sub>•</sub>Hhon_g05074.t1 | OG1 |
                              <sup>100</sup> HoiH04_mRNA1775 | OG1 |
                                  <sub>|</sub>TrH2_TrispH2_005414-RA|OG1|
             73
                                <sup>100</sup> Tadh_TriadT57391 | OG1 |
                          •Aque Aqu2.1.41391 001 | OG1 |
                     <sup>100</sup>Ū-Halamb_c52728_g1_i6mm.4745 | OG1 |
                         Stycar_maker-SC_scaffold1740-augustus-gene-0.102-mRNA-1 | OG1 |
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                          •Tetwil_g6435.t2 | OG1 |
                             Spolac c109463 g1 i1 m.45495c109463-g1 | OG1 |
                          <sup>100</sup>lSpolac_c69623_g1_i1_m.1769c69623-g1 | OG1 |
                              -Emue_Em0179g8a.t1 | OG1 |
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                               r-Emue_Em0786g2a.t1 | OG1 |
                                 Emue_Em0023g48a.t1 | OG1 |
                                   -Emue_Em0179g17a.t1 | OG1 |
                      •Hsap ENST00000316423 | OG1 |
                       -Plajan Pjan C561664 01 | OG1 |
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                         •Opea_EP00118_Oscarella_pearsei_P009083 | OG1 |
                         Opea_EP00118_Oscarella_pearsei_P009082 | OG1 |
                       85 Ocar_g9011 | OG1 |
                        •Morvir scaffold15.g60.t1 | OG1 |
                             •Chem_TCONS_00013606 | OG1 |
           26
                            Hvul_g18523_1 | OG1 |
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                         Sanmal_Sma_020493-T1 | OG1 |
                          •Aaur_scaffold306.g10.t1 | OG1 |
                            -Nemnom_g4170.t1 | OG1 |
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                       •Dgig_XM_028537929.1 | OG1 |
                        •Xesp_012763-T1 | OG1 |
                         Exapal XM 021058040.2 | OG1 |
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                          -Fspp_ffun1.m4.16282.m1 | OG1 |
                            -Spis_XP_022799583_1 | OG1 |
                          <sup>100</sup> Pocdam_XM_027197549.1 | OG1 |
                          •Gasp gasp1.m3.14582.m1 | OG1 |
                            •Gfas gfas1.m1.176.m1 | OG1 |
                              Amil_Amillepora18926-RA | OG1 |
                            <u>100</u><sup>†</sup> ┌•Adig_XM_015893045.1 | OG1 |
                               <sup>97</sup>Adig XM_015896864.1 | OG1 |
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