```
•Codhol_EP00042_Codosiga_hollandica_P037545 | OG0 |
                        <sup>951</sup>Codhol EP00042 Codosiga_hollandica_P037543 | OG0 |
                      100
                                •Codhol_EP00042_Codosiga_hollandica_P037546 | OG0 |
                                                 •Codhol_EP00042_Codosiga_hollandica_P037544 | OG0 |
                        Saldol EP00054 Salpingoeca dolichothecata P022891 | OG0 |
   100
                               Saldol EP00054 Salpingoeca dolichothecata P022890 | OG0 |
                                    Didcos_EP00039_Didymoeca_costata_P019725 | OG0 |
                                  •Acaspe_EP00035_Acanthoeca_spectabilis_P029738 | OG0 |
               100
                                   Helnan EP00037 Helgoeca nana P025453 | OG0 |
      89
                    100
                               Stedip EP00041 Stephanoeca diplocostata P016583 | OG0 |
                                    Diagra EP00040 Diaphanoeca grandis P033195 | OG0 |
                            Salkve_EP00050_Salpingoeca_kvevrii_P017173 | OG0 |
        65
                 93
                             Mylflu EP00047 Mylnosiga fluctuans P014833 | OG0 |
                             Salkve_EP00050_Salpingoeca_kvevrii_P017174 | OG0 |
                              Salurc EP00051 Salpingoeca urceolata P006651 | OG0 |
               50
           87
                                Salpun EP00053 Salpingoeca punica P018005 | OG0 |
                    100
                                -Salmac_EP00052_Salpingoeca_macrocollata_P006088 | OG0 |
                                         Salinf EP00049 Salpingoeca infusionum P000323 | OG0 |
                                         •Microa_EP00043_Microstomoeca_roanoka_P027703 | OG0 |
                       99
                                100
                                        •Sros EGD81084 | OG0 |
                   100
                                          •Mbre EDQ84703 | OG0 |
                                      ·Choper_EP00045_Choanoeca_perplexa_P015235 | OG0 |
                         100
                                         Chofle EP00730 Choanoeca flexa P004183 | OG0 |
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                                            •Chofle_EP00730_Choanoeca_flexa_P004181 | OG0 |
                       •Plajan Pjan scaffold23146 01 | OG0 |
                       Opea EP00118 Oscarella pearsei P005802 | OG0 |
             100
                    <sup>100</sup> Ocar _g7894 | OG0 |
                                 •Clacor_Ccor_scaffold4401_01 | OG0 |
                        <sup>100</sup> Clacor_Ccor_scaffold4402_01 | OG0 |
      89
                                  •Lcom | lcpid44990 | OG0 |
                 100
                                             •Lcom | lcpid133171 | OG0 |
                                    Gracom Gcom scaffold17623 01 | OG0 |
                            100
                                       •Leuniv_Lniv_scaffold22499_01 | OG0 |
        91
                                                          •Scil scict007303.1 | OG0 |
                          Plespi Pspi C613174 01 | OG0 |
                           •Tetwil g21347.t1 | OG0 |
                  91
                                       Stycar maker-SC scaffold397-augustus-gene-0.4-mRNA-1 | OG0 |
             100
                                  •Aque Aqu2.1.22985 001 | OG0 |
                98
                                •Halamb_c53125_g1_i1m.34756 | OG0 |
                               rEmue_Em0016g347a.t1 | OG0 |
                  85
                            99
                                                    Emue Em0016g340a.t1 | OG0 |
                                •Spolac_c102925_g1_i4_m.31678c102925-g1 | OG0 |
                          100
                                  Spolac_c102925_g1_i3_m.31675c102925-g1 | OG0 |
                                    <sub>_</sub>Spolac_c102925_g1_i1_m.31671c102925-g1 | OG0 |
                                  <sup>891</sup>-Spolac_c102925_g1_i2_m.31673c102925-g1 | OG0 |
                            TrH2 TrispH2 003984-RA | OG0 |
   100
                          <sup>100</sup>¹-Tadh TriadT21411 | OG0 |
                             •HoiH11_mRNA8450 | OG0 |
                       100
                                 <sub>"</sub>HoiH23 PIH23 003351-RA | OG0 |
                              <sup>100</sup>-HoiH06 mRNA14955 | OG0 |
                                 Hhon g07058.t1 | OG0 |
          71
                              <sup>1001</sup>•HoiH04_mRNA8610 | OG0 |
                                       rCoemet_Cmet_scaffold13359_01 | OG0 |
                                    <sup>100</sup> Coeast_Cast_sb795072 | OG0 |
                                         -Lampan_Lpan_15619_01 | OG0 |
                               100
                                               Horcal Hcv1.av93.c12.g229.i1 | OG0 |
                                             <sup>100</sup> Pbac sb2649093 | OG0 |
                                  91
                                            Beraby_Baby_sb329762 | OG0 |
                                    100
                                          <sup>100</sup>Beraby_Baby_sb329763 | OG0 |
                                             Drygla_Dgla_sb303458 | OG0 |
                                       98
                                              Prygla_Dgla_sb303457 | OG0 |
                                              <sup>11</sup>Drygla_Dgla_sb303459 | OG0 |
      65
                           lan BLAG16000499 1 l OG0 l
                99
                            •Hsap_ENST00000368875 | OG0 |
              86
                           Spur XM 003726226.3 | OG0 |
                99
                          Skow_XM_006812751.1 | OG0 |
                          Cscu_XM_023385638.1 | OG0 |
           100
                             •Dpul_mRNA24297 | OG0 |
                100
                   100
                                •Tcas_TC011124_001 | OG0 |
                         Acagra model.g18584.t1 | OG0 |
                            ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA156264 | OG0 |
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                           Cgig_XM_011448601.2 | OG0 |
                             •Morvir_scaffold44.g48.t2 | OG0 |
        95
                                   •Chem_TCONS_00009459 | OG0 |
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                          100
                                 •Hvul_g23071_1 | OG0 |
                             •Sanmal Sma 021675-T1 | OG0 |
                                •Aaur_scaffold100.g31.t1 | OG0 |
                         100
                                 •Rhoesc Res 015669-T1 | OG0 |
           100
                              <sup>100</sup><sup>1</sup>•Nemnom_g5364.t1 | OG0 |
                          •Dgig_XM_028538933.1 | OG0 |
                           •Xesp_007914-T1 | OG0 |
                         •Exapal_XM_021050200.2 | OG0 |
                       •Nvec_NVE3295 | OG0 |
              92
                          Gfas_gfas1.m1.14353.m1 | OG0 |
                            Adig_XM_015907559.1 | OG0 |
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                               Amil Amillepora26875-RA | OG0 |
                            <sup>100</sup>-Amil Amillepora26860-RA | OG0 |
                   100
                           •Spis XP 022808909 1 | OG0 |
                         <sup>96</sup> -Pocdam_XM_027189956.1 | OG0 |
                           -Fspp_ffun1.m4.13821.m1 | OG0 |
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0.416667
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