```
-Salkve_EP00050_Salpingoeca_kvevrii_P011589 | OG0 |
            Saldol_EP00054_Salpingoeca_dolichothecata_P027298 | OG0 |
               •Mylflu_EP00047_Mylnosiga_fluctuans_P013424 | OG0 |
                             Salpun_EP00053_Salpingoeca_punica_P019390 | OG0 |
100
                 Salmac_EP00052_Salpingoeca_macrocollata P024599 | OG0 |
              <sup>100</sup> Salmac EP00052_Salpingoeca_macrocollata_P024601 | OG0 |
                 Salurc EP00051 Salpingoeca urceolata P014735 | OG0 |
                   •Codhol_EP00042_Codosiga_hollandica_P046613 | OG0 |
  88
                   Codhol EP00042 Codosiga hollandica P032226 | OG0 |
          100
                           Codhol EP00042 Codosiga hollandica P055114 | OG0 |
             100
                         Codhol EP00042 Codosiga hollandica P055116 | OG0
                       981 Codhol EP00042 Codosiga hollandica P055110 | OG0 |
                   Didcos_EP00039_Didymoeca_costata_P029545 | OG0 |
                        Diagra_EP00040_Diaphanoeca_grandis_P031287 | OG0 |
         98
                         Stedip_EP00041_Stephanoeca_diplocostata_P039041 | OG0 |
            100
                        Acaspe EP00035 Acanthoeca spectabilis P033936 | OG0 |
                        Helnan EP00037 Helgoeca nana P019185 | OG0 |
      39
                     Salinf_EP00049_Salpingoeca_infusionum_P001213 | OG0 |
                     •Microa_EP00043_Microstomoeca_roanoka_P009035 | OG0 |
            60
                    Sros EGD73425 | OG0 |
         100
                     •Mbre EDQ84973 | OG0 |
                    •Chofle EP00730 Choanoeca flexa P003128 | OG0 |
            100
                   Choper_EP00045_Choanoeca_perplexa_P014945 | OG0 |
               •Eupdun_Edun_sb10631441 | OG0 |
            <sup>100</sup>-Eupdun_Edun_sb10631442 | OG0 |
                •Lampan Lpan 10715 01 | OG0 |
                   Vmul sbMO442270 | OG0 |
            99
       100
                    Coemet_Cmet_scaffold22557_01 | OG0 |
                      Coeast Cast sb770013 | OG0 |
                    <sup>91</sup> Coeast Cast sb770012 | OG0 |
         100
                   Pbac sb2655012 | OG0 |
                <sup>100</sup> Horcal_Hcv1.av93.c6.g716.i1 | OG0 |
                  •Beraby_Baby_sb329994 | OG0 |
                      •Bolinf Binf sb1223171 | OG0 |
                   <sup>1001</sup>•Mlei ML2068.g7.i1 | OG0 |
              88
                        Drygla Dgla sb300975 | OG0 |
                94
                        Drygla Dgla sb300974 | OG0 |
                        Drygla_Dgla_sb300978 | OG0 |
                       Drygla Dgla sb300977 | OG0 |
100
                     99 Prygla Dgla sb300976 | OG0 |
                        <sup>1</sup>•Drygla Dgla sb300979 | OG0 |
             -Hvul_g19077_1 | OG0 |
        99
                  •Chem_TCONS_00065893 | OG0 |
             Morvir_scaffold497.g4.t1 | OG0 |
     100
               •Sanmal Sma 012834-T1 | OG0 |
        98
                •Aaur_scaffold117.g7.t1 | OG0 |
          100
                  •Rhoesc Res 014169-T1 | OG0 |
                    Nemnom_g6541.t1 | OG0 |
                  <sup>1001</sup>•Nemnom_g3254.t1 | OG0 |
                      TrH2_TrispH2_002243-RA | OG0 |
                   <sup>1001</sup>Tadh TriadT21320 | OG0 |
  83
                      •HoiH11 mRNA9576 | OG0 |
                100
                           -HoiH23_PIH23_000984-RA | OG0 |
                        <sup>100</sup> HoiH06_mRNA1251 | OG0 |
                          Hhon g01633.t1 | OG0 |
                        <sup>921</sup>•HoiH04 mRNA4709 | OG0 |
                 Clacor Ccor scaffold12375 01 | OG0 |
              <sup>100</sup>Clacor_Ccor_scaffold12376_01 | OG0 |
    82
               •Plajan_Pjan_scaffold10537_01 | OG0 |
        78
                 rOcar_g11084 | OG0 |
          99
                   Popea EP00118 Oscarella pearsei P011919 | OG0 |
               100
                          Opea EP00118 Oscarella pearsei P011918 | OG0 |
                        •Plespi_Pspi_scaffold12553_01 | OG0 |
                     Stycar_maker-SC_scaffold864-snap-gene-0.33-mRNA-1 | OG0 |
      65
                       Tetwil g11824.t2 | OG0 |
          100
                       -Xestes_maker-XT_scaffold3601-augustus-gene-0.45-mRNA-1 | OG0 |
              100
                           •Aque_Aqu2.1.43338_001 | OG0 |
                           -Halamb_c49440_g1_i3mm.3083 | OG0 |
                      •Emue Em0020g1081a.t1 | OG0 |
                        <sub>[</sub>-Spolac_c103829_g1_i2_m.36419c103829-g1 | OG0 |
                      <sup>100]</sup>Spolac_c103829_g1_i4_m.36420c103829-g1 | OG0 |
                    Skow XM 006821757.1 | OG0 |
                    Spur_XM_030998665.1 | OG0 |
                  100 Spur XM 030984714.1 | OG0 |
                      Cscu XM 023375659.1 | OG0 |
                          •Tcas_TC006704_001 | OG0 |
                          •Dpul_mRNA13268 | OG0 |
                        Bralan_BLAG09000616_2 | OG0 |
                         Hsap ENST00000262435 | OG0 |
                          Hsap_ENST00000361125 | OG0 |
                        •Acagra_model.g3493.t1 | OG0 |
                         •Cgig_XM_011446258.3 | OG0 |
```