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-Salkve_EP00050_Salpingoeca_kvevrii_P013621 | OG0 |
            Saldol_EP00054_Salpingoeca_dolichothecata_P014202 | OG0 |
                •Mylflu_EP00047_Mylnosiga_fluctuans_P005452 | OG0 |
                    -Codhol_EP00042_Codosiga_hollandica_P032721 | OG0 |
100
                   | Salurc_EP00051_Salpingoeca_urceolata_P002818 | OG0
                  Salmac_EP00052_Salpingoeca_macrocollata_P034301 | OG0 |
         78
                       Salpun_EP00053_Salpingoeca_punica_P024444 | OG0 |
                 •Didcos_EP00039_Didymoeca_costata_P001058 | OG0 |
                   Diagra_EP00040_Diaphanoeca_grandis_P007248 | OG0 -
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                       Stedip_EP00041_Stephanoeca_diplocostata_P026416 | OG0 |
                        -Acaspe_EP00035_Acanthoeca_spectabilis_P022233 | OG0 |
                     <sup>100</sup>L-Helnan_EP00037_Helgoeca_nana_P012227 | OG0 |
                Salinf_EP00049_Salpingoeca_infusionum_P019055 | OG0 |
                •Microa_EP00043_Microstomoeca_roanoka_P022063 | OG0 |
       100
                •Sros EGD75824 | OG0 |
                 •Mbre EDQ89959 | OG0 |
                   Choper_EP00045_Choanoeca_perplexa_P009833 | OG0 |
            100
                     Chofle_EP00730_Choanoeca_flexa_P004478 | OG0 |
               100
                       Chofle_EP00730_Choanoeca_flexa_P004480 | OG0 |
                         Chofle_EP00730_Choanoeca_flexa_P004479 | OG0 |
                              •Chofle_EP00730_Choanoeca_flexa P004477 | OG0 |
                         911. Chofle_EP00730_Choanoeca_flexa_P004481 | OG0 |
           •Clacor_Ccor_C532299_01 | OG0 |
                 Lcom_lcpid43603 | OG0 |
    100
              <sup>1001</sup>Lcom_lcpid42654 | OG0 |
                  •Scil scict020849.1 | OG0 |
        97
                   -Leuniv_Lniv_C789764_01 | OG0 |
                   Leuniv Lniv scaffold25244 01 | OG0 |
                       Gracom_Gcom_scaffold11622_01 | OG0 |
             •Plajan Pjan scaffold23113 01 | OG0 |
             <u>r</u>Opea_EP00118_Oscarella_pearsei_P015229 | OG0 |
          <sup>100</sup> Ocar _g7400 | OG0 |
             •Eupdun_Edun_sb10645549 | OG0 |
     49
                      •Vmul_Simscaffold4989_01 | OG0 |
                    Coeast_Cast_sb762430 | OG0 |
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                      <sub>[</sub>Coeast_Cast_sb762428 | OG0 |
                    84 Coemet_Cmet_C603400_01 | OG0 |
100
            99
                  •Lampan Lpan 2367 01 | OG0 |
                     Drygla_Dgla_sb274174 | OG0 |
               100
                            <sub>[</sub>Beraby_Baby_sb332462 | OG0 |
                         <sup>1001</sup>Beraby_Baby_sb332463 | OG0 |
                  100
                            <sub>"</sub>Horcal_Hcv1.av93.c1.g257.i1 | OG0 |
                         <sub>[</sub>Mlei_ML1940.g5.i1 | OG0 |
                    85
                         Mertsp Mesp sb559366 | OG0 |
                           Bolinf_Binf_sb1242108 | OG0 |
                               Bolinf_Binf_sb1242107 | OG0 |
                                 Bolinf_Binf_sb1242106 | OG0 |
                                   Bolinf_Binf_sb1242104 | OG0 |
                                 <sup>861</sup>Bolinf_Binf_sb1242105 | OG0 |
               •Plespi_Pspi_scaffold1878_01 | OG0 |
           <sup>100</sup> Plespi_Pspi_scaffold1879_01 | OG0 |
                  -Aque_Aqu2.1.30887_001 | OG0 |
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               <sup>100</sup><sup>_</sup>-Halamb_c48543_g1_i1mm.2692 | OG0 |
                  •Spolac_c98197_g1_i1_m.16675c98197-g1 | OG0 |
                   Tetwil g8987.t1 | OG0 |
                   Stycar_maker-SC_scaffold144525-snap-gene-0.92-mRNA-1 | OG0 |
                     Stycar_maker-SC_scaffold112693-snap-gene-0.4-mRNA-1 | OG0 |
                   <sup>57</sup> Stycar_augustus_masked-SC_scaffold39350-processed-gene-0.1-mRNA-1 | OG0 |
                   TrH2 TrispH2 007846-RA | OG0 |
                     adh_TriadT21433 | OG0 |
                    <sub>!</sub>HoiH23_PIH23_001603-RA | OG0 |
                  <sup>89</sup>-HoiH06 mRNA10547 | OG0 |
                    Hhon g04809.t1 | OG0 |
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                  •Spur_XM_030984615.1 | OG0 |
         48
                    Skow_XM_002735619.2 | OG0 |
                    Bralan BLAG09000636 1 | OG0 |
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                       -Hsap ENST00000355689 | OG0 |
                    <sup>1001</sup>•Hsap _ENST00000408939 | OG0 |
           55
                     •Cscu_XM_023376448.1 | OG0 |
                          •Tcas_TC008997_001 | OG0 |
                               •Dpul mRNA19178 | OG0 |
             87
                       Acagra model.g4107.t1 | OG0 |
                       Cgig_XM_034458252.1 | OG0 |
       52
               100
                       Ctel gnl WGS AMQN CAPTEDRAFT mRNA145766 | OG0 |
                      Lcom | lcpid197827 | OG0 |
                    Chem_TCONS_00004373 | OG0 |
              100
                    •Hvul_g32528_1 | OG0 |
                  •Morvir_scaffold52.g36.t1 | OG0 |
           100
                   •Aaur_scaffold890.g1.t1 | OG0 |
                      •Aaur_scaffold890.g2.t1 | OG0 |
                         <sub>|</sub>-Nemnom_g9147.t1 | OG0 |
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                       <sup>1001</sup>•Rhoesc_Res_014111-T1 | OG0 |
                    •Xesp_018744-T1 | OG0 |
                    PDgig_XM_028539630.1 | OG0 |
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                 <sup>100</sup><sup>1</sup>•Xesp 018746-T1|OG0|
                     •Exapal XM 021044845.2 | OG0 |
           100
                       Nvec_v1g159517 | OG0 |
                         •Nvec_v1g225039 | OG0 |
                         ·Amil_Amillepora14292-RA | OG0 |
              100
                         •Adig XM 015922775.1 | OG0 |
                          Gasp_gasp1.m3.4442.m1 | OG0 |
                         •Fspp_ffun1.m4.10199.m1 | OG0 |
                           •Gfas_gfas1.m1.15968.m1 | OG0 |
                            <sub>!</sub>Spis_XP_022799124_1 | OG0 |
                         <sup>100</sup> Pocdam XM 027187755.1 | OG0 |
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