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•Tcas TC006298 001 | OG0 |
 94
                     •Dpul mRNA11772 | OG0 |
      •Hsap_ENST00000464848 | OG0 |
                •Plespi_Pspi_scaffold12554_01 | OG0 |
                  Tetwil g5617.t1 | OG0 |
        100
                    Stycar_maker-SC_scaffold76926-augustus-gene-0.3-mRNA-1 | OG0 |
                    Stycar_maker-SC_scaffold55475-snap-gene-0.12-mRNA-1 | OG0 |
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                              Xestes_maker-XT_scaffold3601-augustus-gene-0.46-mRNA-1 | OG0 |
                                -Aque_Aqu2.1.43340_001 | OG0 |
                            <sup>100</sup><sup>1</sup>-Halamb_c24853_g1_i1m.4563 | OG0 |
                99
                            Emue Em0020g1093a.t1 | OG0 |
                          -Spolac_c99127_g1_i1_m.18900c99127-g1 | OG0 |
                       <sup>1001</sup>Spolac_c99127_g1_i2_m.18902c99127-g1 | OG0 |
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               •Cscu_XM_023384804.1 | OG0 |
                  •Xesp 018013-T1 | OG0 |
                    •Skow XM 006816761.1 | OG0 |
                     Spur_XM_030984022.1 | OG0 |
                       •Lcom lcpid236027 | OG0 |
              38
                      Cgig XM 034456604.1 | OG0 |
                       •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA153891 | OG0 |
 94
                  <sup>90</sup><sup>1</sup>-Acagra model.g3595.t1.1.5d3b8292 | OG0 |
            52
       33
                  •Bralan_BLAG13000687_1 | OG0 |
                        TrH2_TrispH2_010048-RA | OG0 |
                     <sup>100</sup>Tadh _TriadT60813 | OG0 |
                          <sub>"</sub>HoiH23_PIH23_008878-RA | OG0 |
                  100
                       100 HoiH06 mRNA7448 | OG0 |
                          Hhon g09534.t1 | OG0 |
                       <sup>100</sup> HoiH04_mRNA10738 | OG0 |
          49
                     •Hvul_g12734_1 | OG0 |
                    •Morvir scaffold37.g3.t1 | OG0 |
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                       •Sanmal_Sma_013128-T1 | OG0 |
                         Aaur scaffold104.g13.t5 | OG0 |
                          -Nemnom_g4999.t1 | OG0 |
                            *Rhoesc Res 014321-T1 | OG0 |
            35
                                -Aaur_scaffold104.g11.t1 | OG0 |
                   <sub>-</sub>Exapal_XM_021043250.2 | OG0 |
   87
                     Nvec_v1g141906 | OG0 |
                   <sup>73</sup> Nvec_v1g138962 | OG0 |
                        •Gfas gfas1.m1.4918.m1 | OG0 |
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                         Amil Amillepora14458-RA | OG0 |
                      <sup>1001</sup>Adig XM_015912934.1 | OG0 |
                     Fspp_ffun1.m4.20169.m1 | OG0 |
                       Gasp_gasp1.m3.16751.m1 | OG0 |
                          <sub>_</sub>*Spis_XP_022802888_1 | OG0 |
                        <sup>99]</sup>•Pocdam_XM_027195479.1 | OG0 |
                  Opea EP00118_Oscarella_pearsei_P016283 | OG0 |
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               •Plajan_Pjan_scaffold13891_01 | OG0 |
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                       •Clacor_Ccor_scaffold9103_01 | OG0 |
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                            •Gracom_Gcom_scaffold14694_01 | OG0 |
                        Leuniv_Lniv_scaffold17208_01 | OG0 |
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                     <sup>100</sup>Leuniv_Lniv_scaffold17209_01 | OG0 |
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                        Lcom_lcpid66790 | OG0 |
                     100 Lcom_lcpid56553 | OG0 |
                          Lcom |cpid65538 | OG0 |
                          11 Lcom | lcpid66312 | OG0 |
                Eupdun Edun sb10653881 | OG0 |
             <sup>100</sup>1-Eupdun_Edun_sb10653882 | OG0 |
                    •Coemet_Cmet_scaffold18888_01 | OG0 |
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               100
                       Vmul Simscaffold11486 01 | OG0 |
     63
                 Mertsp_Mesp_sb571165 | OG0 |
                      <sub>|</sub>Lampan_Lpan_2485_01 | OG0 |
                   <sup>1001</sup>Lampan_Lpan_2486_01 | OG0 |
               96
                          Beraby_Baby_sb334600 | OG0 |
                         <sup>991</sup>Beraby Baby_sb334602 | OG0 |
                          Beraby_Baby_sb334601 | OG0 |
                         <sup>59</sup> Beraby Baby sb334603 | OG0 |
                             <u>r</u>Drygla_Dgla_sb306783 | OG0 |
                   93
                           <sup>73</sup> Drygla_Dgla_sb306784 | OG0 |
                             •Drygla_Dgla_sb306785 | OG0 |
                           <sup>751</sup>Drygla Dgla sb306786 | OG0 |
                              -Bolinf_Binf_sb1235768 | OG0 |
                     83
       83
                          <sup>100</sup> Mlei_ML0380.g19.i1 | OG0 |
                             Pbac sb2648492 | OG0 |
                               Horcal_Hcv1.av93.c6.g461.i2 | OG0 |
                                  •Pbac_sb2647718 | OG0 |
                                   Horcal Hcv1.av93.c6.g461.i3 | OG0 |
                                 67<sup>1</sup>-Horcal_Hcv1.av93.c6.g461.i1 | OG0 |
                    Didcos EP00039 Didymoeca costata P019949 | OG0 |
                       Diagra_EP00040_Diaphanoeca_grandis_P000524 | OG0 |
                         Stedip_EP00041_Stephanoeca_diplocostata_P002500 | OG0 |
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                            -Acaspe EP00035 Acanthoeca spectabilis P022442 | OG0 |
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                        <sup>100</sup>-Helnan_EP00037_Helgoeca_nana_P014214 | OG0 |
                     Mylflu EP00047 Mylnosiga_fluctuans_P005886 | OG0 |
                           Salinf EP00049 Salpingoeca infusionum P017843 | OG0 |
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                          -Microa EP00043 Microstomoeca roanoka P001450 | OG0 |
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                           -Sros_EGD72542 | OG0 |
                 81
                         •Mbre_EDQ91818 | OG0 |
                           Choper EP00045 Choanoeca perplexa P003017 | OG0 |
                                •Chofle EP00730 Choanoeca flexa P001612 | OG0 |
             39
                          100 Chofle_EP00730_Choanoeca_flexa_P001613 | OG0 |
                     Salmac EP00052 Salpingoeca macrocollata P009721 | OG0 |
                               Salpun_EP00053_Salpingoeca_punica_P003327 | OG0 |
                             Salpun_EP00053_Salpingoeca_punica_P019241 | OG0 |
                         98
                           51 Salpun EP00053 Salpingoeca punica P026724 | OG0 |
               28
                       Salurc EP00051 Salpingoeca urceolata P007949 | OG0 |
                             Codhol EP00042 Codosiga hollandica P034737 | OG0 |
                                Lcom_lcpid207635 | OG0 |
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                            Salkve_EP00050_Salpingoeca_kvevrii_P018652 | OG0 |
                            Saldol_EP00054_Salpingoeca_dolichothecata_P020282 | OG0 |
                            Saldol EP00054 Salpingoeca dolichothecata P020280 | OG0 |
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0.416667
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