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•Morvir scaffold298.g18.t1 | OG0 |
         •Morvir scaffold298.g17.t1 | OG0 |
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              Hvul_g20497_1 | OG0 |
               84
                                      -•Hvul g20491 1 | OG0 |
               |Sanmal Sma 025231-T1|OG0
                   •Aaur_scaffold35.g13.t3 | OG0 |
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                <sup>100</sup>-Aaur_scaffold35.g14.t1 | OG0 |
                   •Nemnom_g12419.t1 | OG0 |
                <sup>100</sup> -Rhoesc Res 011449-T1 | OG0 |
        •Xesp 005351-T1 | OG0 |
             Exapal XM 021042057.2 | OG0 |
            -Nvec_v1g238290 | OG0 |
               •Gfas_gfas1.m1.17363.m1 | OG0 |
                Spis_XP_022804856_1 | OG0 |
     100
              <sup>|00]</sup>Pocdam_XM_027181395.1 | OG0 |
                Gasp_gasp1.m3.15107.m1 | OG0 |
        100
             <sup>100</sup>-Fspp ffun1.m4.3352.m1 | OG0 |
                •Gfas_gfas1.m1.17362.m1 | OG0 |
                  Adig XM 015921602.1 | OG0 |
               <sup>ī</sup>00<sup>ī</sup>∟•Amil_Amillepora10588-RA | OG0 |
         •Hsap ENST00000302516 | OG1 |
            •Bralan_BLAG07000666_1 | OG1 |
     59
                •Skow_XM_006821204.1 | OG1 |
                 Skow XM 006816876.1 | OG1 |
                Spur XM 030976193.1 | OG1 |
                      •Morvir scaffold599.g3.t1 | OG1 |
   87
           •Acagra_model.g31238.t1 | OG1 |
              ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA155561 | OG1 |
       99
              Cgig XM 011452595.2 | OG1 |
                     •Cscu XM 023361060.1 | OG1 |
     83
               Cscu XM 023361082.1 | OG1 |
            Tcas_TC010322_001 | OG1 |
               Dpul mRNA10613 | OG1 |
                               •Dpul mRNA30826 | OG1 |
                TrH2_TrispH2_005642-RA | OG1 |
             <sup>[100]</sup>Tadh_TriadT49802 | OG1 |
               •HoiH11_mRNA2838 | OG1 |
                   HoiH23 PIH23 004473-RA | OG1 |
                 <sup>97</sup> HoiH06 mRNA3126 | OG1 |
                    Hhon g11288.t1 | OG1 |
                 <sup>100</sup> HoiH04_mRNA8099 | OG1 |
                 •Plajan_Pjan_C571666_01 | OG1 |
                  POpea EP00118 Oscarella pearsei P025484 | OG1 |
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               100 Ocar g8830 | OG1 |
                    Plespi_Pspi_scaffold8869_01 | OG1 |
                  <sup>100</sup> Plespi _Pspi_scaffold8870_01 | OG1 |
         64
                    •Stycar_maker-SC_scaffold1916-augustus-gene-0.12-mRNA-1 | OG1 |
                      Xestes maker-XT scaffold374-augustus-gene-0.39-mRNA-1 | OG1 |
                        •Halamb c50626 g2 i1m.28762 | OG1 |
            100
                          •Halamb_c12688_g1_i1m.2061 | OG1 |
                     99
                            -Aque_Aqu2.1.44052_001 | OG1 |
                          93<sup>1</sup>-Halamb_c66818_g1_i1m.46502 | OG1 |
              84
                      Stycar maker-SC scaffold7278-augustus-gene-0.38-mRNA-1 | OG1 |
                         •Tetwil g11177.t1 | OG1 |
   74
                        Stycar maker-SC scaffold1916-snap-gene-0.16-mRNA-1 | OG1 |
       34
                         Spolac_c104031_g1_i2_m.37747c104031-g1 | OG1 |
                     <sup>100</sup> Spolac_c104031_g1_i3_m.37749c104031-g1 | OG1 |
                         Emue Em0200g9a.t1 | OG1 |
                      <sup>1001</sup>Emue Em0018g345a.t1 | OG1 |
                 •Clacor Ccor C541273 01 | OG1 |
                    Gracom Gcom scaffold14030 01 | OG1 |
                    •Scil_scict005989.1 | OG1 |
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                       •Lcom_lcpid23340 | OG1 |
                       Leuniv Lniv scaffold21678 01 | OG1 |
                         ·Codhol_EP00042_Codosiga_hollandica_P055189 | OG1 |
         44
                               Saldol_EP00054_Salpingoeca_dolichothecata_P029890 | OG1 |
                           | Saldol_EP00054_Salpingoeca_dolichothecata_P029891 | OG1
                            Didcos_EP00039_Didymoeca_costata_P018972 | OG1 |
             98
                              Diagra_EP00040_Diaphanoeca_grandis_P039239 | OG1 |
                    100
                                Stedip_EP00041_Stephanoeca_diplocostata_P033538 | OG1 |
                       100
                                   Acaspe_EP00035_Acanthoeca_spectabilis_P021441 | OG1 |
                          100
     39
                              <sup>100</sup><sup>L</sup>•Helnan_EP00037_Helgoeca_nana_P016235 | OG1 |
               75
                               •Mylflu_EP00047_Mylnosiga_fluctuans_P012671 | OG1 |
                                Salpun EP00053 Salpingoeca punica P015507 | OG1 |
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                                Salmac_EP00052_Salpingoeca_macrocollata_P035923 | OG1 |
                              Salkve_EP00050_Salpingoeca_kvevrii_P019058 | OG1 |
                                Salurc_EP00051_Salpingoeca_urceolata_P004541 | OG1 |
                    89
                                      Salinf_EP00049_Salpingoeca_infusionum_P019072 | OG1 |
                                     •Microa_EP00043_Microstomoeca_roanoka_P021160 | OG1 |
                      85
                                      •Sros_EGD77940 | OG1 |
                          93
                                              -Lcom_lcpid179407 | OG1 |
                                        •Mbre_EDQ89470 | OG1 |
                                       •Chofle_EP00730_Choanoeca_flexa_P003436 | OG1 |
                               100
                                   100
                                       -Choper_EP00045_Choanoeca_perplexa_P014269 | OG1 |
               <sub>"</sub>Eupdun_Edun_sb10641392 | OG1 |
            <sup>100</sup>•Eupdun_Edun_sb10641393 | OG1 |
                 •Eupdun_Edun_sb10626811 | OG1 |
          99
                   -Coeast_Cast_sb776556 | OG1 |
                <sup>100</sup><sup>1</sup>•Vmul_sbMO467078 | OG1 |
            86
                     Horcal_Hcv1.av93.c4.g451.i1 | OG1 |
                  <sup>100</sup> Pbac_sb2649259 | OG1 |
                       -Lampan_Lpan_16144_01 | OG1 |
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                          Mertsp_Mesp_sb602412 | OG1 |
                            Bolinf Binf_sb1260437 | OG1 |
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                              Mertsp_Mesp_sb602408 | OG1 |
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                                  Mertsp_Mesp_sb602410 | OG1 |
                                    Bolinf_Binf_sb1260440 | OG1 |
                                  941<mark>-</mark>Bolinf Binf sb1260439 | OG1 |
                                  Mertsp Mesp sb602407 | OG1 |
                                    Mertsp_Mesp_sb602409 | OG1 |
                  67
                                  Beraby_Baby_sb349471 | OG1 |
                           Beraby_Baby_sb349472 | OG1 |
                         <sup>61</sup>Beraby_Baby_sb349473 | OG1 |
                             <sub>f</sub>Mlei_ML2162.g2.i1 | OG1 |
                               rVmul_sbMO415100 | OG1 |
                                   •Coemet_Cmet_scaffold6938_01 | OG1 |
                             Bolinf Binf sb1260438 | OG1 |
                    81
                                 Bolinf Binf sb1260443 | OG1 |
                                   •Coemet_Cmet_scaffold18147_01 | OG1 |
                                 Mertsp_Mesp_sb565204 | OG1 |
                                   Bolinf_Binf_sb1260441 | OG1 |
                                 <sup>77</sup> Bolinf Binf sb1260442 | OG1 |
                                Drygla Dgla_sb309447 | OG1 |
                                 Drygla_Dgla_sb309445 | OG1 |
                                <sup>1</sup> Drygla_Dgla_sb309449 | OG1 |
                                Drygla_Dgla_sb309448 | OG1 |
                              81 Drygla Dgla sb309446 | OG1 |
                                <sup>11</sup>Drygla_Dgla_sb309450 | OG1 |
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                              Drygla Dgla sb309452 | OG1 |
                                 Drygla Dgla sb309451 | OG1 |
                                <sup>1</sup>•Drygla_Dgla_sb309453 | OG1 |
                                  Drygla_Dgla_sb309455 | OG1 |
                                     Drygla Dgla sb309459 | OG1 |
                                    <sup>11</sup>Drygla_Dgla_sb309457 | OG1 |
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0.416667
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