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•Ctel gnl WGS AMQN CAPTEDRAFT mRNA174437 | OG0 |
                     Salinf_EP00049_Salpingoeca_infusionum_P018884 | OG0 |
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                                                         Stycar_augustus_masked-SC_scaffold2218-processed-gene-0.0-mRNA-1 | OG0 |
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                                                        Salmac EP00052 Salpingoeca macrocollata P013063 | OG0 |
                                                             •Nvec v1g46989 | OG0 |
                                                             •Mylflu_EP00047_Mylnosiga_fluctuans_P023951 | OG0 |
              91
                                                               •Mylflu EP00047 Mylnosiga fluctuans P023948 | OG0 |
                                                   -Xestes_augustus_masked-XT_scaffold160399-processed-gene-0.0-mRNA-1 | OG0 |
                 60
                                                   -Xestes_augustus_masked-XT_scaffold47075-processed-gene-0.1-mRNA-1 | OG0 |
                                                               -Xestes maker-XT scaffold189535-augustus-gene-0.892-mRNA-1 | OG0
                                                   89<sup>L</sup>-Xestes_augustus_masked-XT_scaffold114477-processed-gene-0.4-mRNA-1 | OG0 |
                   -Dpul_mRNA18154 | OG1 |
                          Dpul_mRNA8984 | OG1 |
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                       <sup>100</sup> Dpul mRNA5137 | OG1
                    Stycar snap masked-SC scaffold2503-processed-gene-0.12-mRNA-1 | OG1 |
         98
                   •Tetwil g7278.t1 | OG1 |
                       -Aque Aqu2.1.28481 001 | OG1 |
      69
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                        -Halamb c43246 g1 i5m.15942 | OG1 |
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                       •Emue Em0003g320a.t1 | OG1 |
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                      100 Spolac_c98707_g1_i2_m.17844c98707-g1 | OG1 |
                          •Cscu_XM_023360238.1 | OG1 |
                      •Morvir scaffold1635.g1.t1 | OG1 |
                           -Tcas TC007436 001 | OG1 |
                             TrH2_TrispH2_009095-RA | OG1 |
                          <sup>100</sup> Tadh_TriadT51535 | OG1 |
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                              -HoiH11_mRNA3136 | OG1 |
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                                 <sub>-</sub>-HoiH23_PIH23_004732-RA | OG1 |
                              <sup>100</sup> HoiH06_mRNA1692 | OG1 |
                                 Hhon_g08614.t1 | OG1 |
                              <sup>100</sup> HoiH04_mRNA15136 | OG1 |
   88
                                                                 Xestes_augustus_masked-XT_scaffold192200-processed-gene-0.447-mRNA-1 | OG1 |
                            •Eupdun Edun sb10628609 | OG1 |
            42
                                 -Vmul SimC383188 | OG1 |
                     100
                                    -Coeast_Cast_sb839449 | OG1 |
                                 <sup>99</sup> Coemet_Cmet_C595425_01 | OG1
                                          Beraby Baby sb331145 | OG1 |
                                       <sup>1001</sup>Beraby_Baby_sb331144 | OG1
                                              -Mertsp_Mesp_sb537017 | OG1 |
                                         <sup>100</sup>-Mlei ML0549.g7.i1 | OG1 |
                                               -Lampan_Lpan_C404491_01 | OG1 |
                                               eHorcal_Hcv1.av93.c3.g234.i1 | OG1 |
                                                  Pbac sb2639715 | OG1 |
                                                    Pbac_sb2649565 | OG1 |
                                                          -Horcal_Hcv1.av93.c3.g234.i2 | OG1 |
                                                          -Pbac_sb2668361 | OG1 |
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                     100 Ocar g3816 | OG1 |
                              •Gracom_Gcom_C541200_01 | OG1 |
                          -Scil_scict024553.1 | OG1 |
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                           -Leuniv_Lniv_scaffold4536_01 | OG1 |
                         61 Lcom lcpid127690 | OG1 |
                           991-Lcom | lcpid130245 | OG1 |
                           •Clacor_Ccor_scaffold11015_01 | OG1 |
            46
                               -Gracom_Gcom_scaffold1067_01 | OG1 |
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                                  -Lcom_lcpid125807 | OG1 |
                                    -Scil_scict018652.1 | OG1 |
                                     Leuniv Lniv scaffold19843 01 | OG1 |
                                  1001 Leuniv Lniv_scaffold19842_01 | OG1 |
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                               Salurc_EP00051_Salpingoeca_urceolata_P014215 | OG1 |
                           1001|Salurc_EP00051_Salpingoeca_urceolata_P014216 | OG1 |
                                  •Microa EP00043 Microstomoeca roanoka P005157 | OG1 |
                           100
                                 Sros EGD82683 | OG1 |
                   100
                                   •Mbre EDQ88226 | OG1 |
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                                    -Chofle EP00730 Choanoeca flexa P000758 | OG1 |
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                                    •Choper EP00045 Choanoeca perplexa P012838 | OG1 |
                     51
                                               Saldol EP00054 Salpingoeca dolichothecata P028249 | OG1 |
                                   Saldol EP00054 Salpingoeca dolichothecata P028247 | OG1 |
                        50
                            43
                                      •Didcos_EP00039_Didymoeca_costata_P033133 | OG1 |
                                    Diagra EP00040 Diaphanoeca grandis P032932 | OG1
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                                      Stedip EP00041_Stephanoeca_diplocostata_P035540 | OG1 |
                                      Acaspe EP00035 Acanthoeca spectabilis P023989 | OG1 |
                                 <sup>100</sup><sup>1</sup>⊸Helnan EP00037_Helgoeca_nana_P008232 | OG1 |
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                             •Cgig XM 011414151.3 | OG1 |
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                           •Acagra model.g1610.t1 | OG1 |
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                    66
                              •Bralan BLAG03000002 1 | OG1 |
                              -Spur_XM_030989732.1 | OG1 |
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                           <sup>100</sup> Spur XM 030989748.1 | OG1 |
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                                  •Exapal_XM_021039912.2 | OG1 |
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                                     •Gfas gfas1.m1.13895.m1 | OG1 |
                         100
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                                       -Spis_XP_022803559_1 | OG1 |
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                                       -Gasp gasp1.m3.14759.m1 | OG1 |
                                   100 Fspp ffun1.m4.1130.m1 | OG1 |
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                              Morvir_scaffold61.g27.t1 | OG1 |
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                           <sup>100</sup> Morvir_scaffold61.g28.t1 | OG1 |
                               Chem TCONS 00048284 | OG1 |
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                         100
                               •Rhoesc_Res 008681-T1 | OG1 |
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                                Sanmal_Sma_004598-T1 | OG1 |
                             <sup>1001</sup>-Sanmal Sma 001913-T1 | OG1 |
                                   Drygla Dgla sb275239 | OG1 |
                                         •Eupdun_Edun_sb10623886 | OG1 |
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                                58
                         100
                                     100 -Pbac_sb2668344 | OG1 |
                                         •Lampan Lpan C400865 01 | OG1 |
                              93
                                           •Vmul Simscaffold11312 01 | OG1 |
                                             Geast Cast sb830558 | OG1 |
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                                               Bolinf_Binf_sb1293421 | OG1 |
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                                                  Bolinf_Binf_sb1293419 | OG1
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