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•Plespi_Pspi_scaffold19922 01 | OG0 |
         -Xestes_augustus_masked-XT_scaffold1556-processed-gene-0.2-mRNA-1 | OG0 |
            •Aque_Aqu2.1.43696_001 | OG0 |
    100
76
       <sup>100</sup>Ū•Halamb_c53548_g1_i1m.35857 | OG0 |
        -Stycar maker-SC scaffold142771-augustus-gene-0.5-mRNA-1 | OG0 |
  75
            •Spolac c104061 g3 i2 m.37928c104061-g2 | OG0 |
                 •Emue_Em0018g652a.t1 | OG0 |
    96
                  •Emue Em0018g629a.t1 | OG0 |
               •Emue_Em0018g644a.t1 | OG0 |
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                     •Emue Em0018g640a.t1 | OG0 |
             Emue Em0018g653a.t1 | OG0 |
               <u>-Emue_Em0018g647a.t1 | OG0 |</u>
           88
                   Spolac_c104061_g2_i1_m.37925c104061-g2 | OG0 |
                 <sup>971</sup>-Spolac_c104061_g2_i2_m.37926c104061-g2 | OG0 |
                   Emue Em0018g621a.t1 | OG0 |
                 <sup>91</sup>L-Emue Em0018g628a.t1 | OG0 |
         •Tetwil g10024.t1 | OG0 |
            •Eupdun_Edun_sb10673244 | OG0 |
             Eupdun_Edun_sb10673242 | OG0 |
  76
              _Eupdun_Edun_sb10673241 | OG0 |
             1-Eupdun Edun sb10673243 | OG0 |
              •Eupdun_Edun_sb10620527 | OG0 |
       99
                 •Vmul_sbMO458424 | OG0 |
                  Coemet_Cmet_scaffold22641_01 | OG0 |
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                    Coeast Cast sb796604 | OG0 |
         93
                      Coeast Cast sb796602 | OG0 |
                    <sup>93</sup> Coeast_Cast_sb796603 | OG0 |
                   •Eupdun_Edun_sb10697070 | OG0 |
                    •Horcal_Hcv1.av93.c1.g1137.i1 | OG0 |
                  <sup>100</sup> Pbac sb2640665 | OG0 |
                    Bolinf Binf sb1225450 | OG0 |
                       Lampan Lpan C420371 01 | OG0 |
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                  96
                        Mertsp Mesp sb565809 | OG0 |
                          Bolinf_Binf_sb1217039 | OG0 |
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                        881 Mertsp_Mesp_sb565808 | OG0 |
                      Drygla Dgla sb287520 | OG0 |
                        Beraby Baby sb343738 | OG0 |
                      <sup>1001</sup>Beraby_Baby_sb343739 | OG0 |
                        Mlei ML1477.g8.i1 | OG0 |
                          Bolinf Binf sb1225451 | OG0 |
                        <sup>100</sup> Mertsp_Mesp_sb537501 | OG0 |
        Plajan_Pjan_scaffold8204_01 | OG1 |
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      <sup>100</sup><sup>1</sup>-Ocar_g2673 | OG1 |
74
         •Plespi_Pspi_scaffold6657_01 | OG1 |
           Clacor Ccor C533345 01 | OG1 |
  90
             Leuniv_Lniv_C812756_01 | OG1 |
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              •Lcom_lcpid28189 | OG1 |
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                Gracom_Gcom_C560706_01 | OG1 |
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                •Scil scict012688.2 | OG1 |
                •Salkve EP00050 Salpingoeca kvevrii P001545 | OG1 |
         70
                •Mylflu_EP00047_Mylnosiga_fluctuans_P017404 | OG1 |
                  •Microa_EP00043_Microstomoeca_roanoka_P015095 | OG1 |
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                  Sros EGD75232 | OG1 |
                   Salinf EP00049 Salpingoeca infusionum P019215 | OG1 |
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                    Chofle EP00730 Choanoeca flexa P019311 | OG1 |
                     Choper_EP00045_Choanoeca_perplexa_P015439 | OG1 |
                        •Codhol_EP00042_Codosiga_hollandica_P052923 | OG1 |
            34
                     Saldol EP00054 Salpingoeca dolichothecata P026405 | OG1 |
                          -Salpun_EP00053_Salpingoeca_punica_P000488 | OG1 |
                       Salurc EP00051 Salpingoeca urceolata P001944 | OG1 |
            26
                          •Salpun_EP00053_Salpingoeca_punica_P007270 | OG1 |
       60
                         •Mylflu_EP00047_Mylnosiga_fluctuans_P017402 | OG1 |
                    Didcos_EP00039_Didymoeca_costata_P030367 | OG1 |
                       Diagra_EP00040_Diaphanoeca_grandis_P018270 | OG1 |
                      Stedip_EP00041_Stephanoeca_diplocostata_P018322 | OG1 |
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                     Stedip_EP00041_Stephanoeca_diplocostata_P018321 | OG1 |
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                       •Helnan_EP00037_Helgoeca_nana_P013519 | OG1 |
                        -Acaspe EP00035 Acanthoeca spectabilis P023618 | OG1 |
                      <sup>97</sup>-Helnan_EP00037_Helgoeca_nana_P013520 | OG1 |
                Cgig_XM_011445044.3 | OG1 |
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               •Acagra_model.g24903.t1 | OG1 |
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                  Cscu XM 023370315.1 | OG1 |
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                   •Tcas_TC013528_001 | OG1 |
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                •Bralan BLAG08001227 1 | OG1 |
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                    •Hsap ENST00000376442 | OG1 |
               •Skow_XM_002734145.2 | OG1 |
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                  Spur XM 030997689.1 | OG1 |
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                    Spur XM 030998182.1 | OG1 |
                      |Spur XM 030997600.1|OG1
                         Spur_XM_030997243.1 | OG1 |
                           -Spur_XM_030998055.1 | OG1 |
                             _Spur_XM_030997250.1 | OG1 |
 91
                           <sup>961</sup>-Spur_XM_030997247.1 | OG1 |
               •TrH2_TrispH2 001599-RA | OG1 |
                •HoiH11_mRNA6306 | OG1 |
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                     •HoiH23_PIH23_002786-RA | OG1 |
                  <sup>99]</sup>•HoiH06 mRNA14341|OG1|
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                     Hhon g08203.t1 | OG1 |
                   <sup>1001</sup>HoiH04 mRNA6176 | OG1 |
                  •Hvul_g15111_1 | OG1 |
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                    •Chem_TCONS_00057895 | OG1 |
                  Morvir_scaffold294.g18.t1 | OG1 |
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                    •Sanmal_Sma_009031-T1 | OG1 |
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                       •Aaur_scaffold38.g34.t1 | OG1 |
                        •Rhoesc_Res_003429-T1 | OG1 |
                          Nemnom_g19843.t1 | OG1 |
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                        <sup>100</sup> Nemnom_g9786.t1 | OG1 |
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                •Xesp 005521-T1 | OG1 |
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                  •Exapal_XM_021038757.2 | OG1 |
                   Amil Amillepora31852-RA | OG1 |
                <sup>1001</sup>•Adig XM_015896172.1 | OG1 |
                   Gfas_gfas1.m1.17967.m1 | OG1 |
                     •Fspp_ffun1.m4.23480.m1 | OG1 |
                       •Gasp gasp1.m3.20617.m1 | OG1 |
                          Pocdam_XM_027183883.1 | OG1 |
                            -Spis XP 022796008_1 | OG1 |
                         <sup>1001</sup>-Spis XP 022795973_1 | OG1 |
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