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•Plespi_Pspi_scaffold14901 01 | OG0 |
           Stycar snap masked-SC scaffold6951-processed-gene-0.1-mRNA-1 | OG0 |
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             Spolac_c92681_g1_i1_m.8061c92681-g1 | OG0 |
          •Tetwil_g24169.t1 | OG0 |
            Xestes_maker-XT_scaffold5539-augustus-gene-0.11-mRNA-1 | OG0 |
             -Aque Aqu2.1.34142 001 | OG0 |
           <sup>99</sup>└-Halamb_c63281_g1_i1m.45799 | OG0 |
75
             Didcos_EP00039_Didymoeca_costata_P031361 | OG0 |
              Diagra_EP00040_Diaphanoeca_grandis_P001005 | OG0 |
      85
                 Helnan_EP00037_Helgoeca_nana_P038184 | OG0 |
             Acaspe EP00035_Acanthoeca_spectabilis_P020289 | OG0 |
                Stedip_EP00041_Stephanoeca_diplocostata_P002691 | OG0 |
  85
                           •Lcom_lcpid253117 | OG0 |
           •Lcom_lcpid255325 | OG0 |
                 Saldol_EP00054_Salpingoeca_dolichothecata_P003137 | OG0 |
    95
                  Codhol EP00042 Codosiga hollandica P015183 | OG0 |
                 Salmac_EP00052_Salpingoeca_macrocollata_P001605 | OG0 |
       39
                •Lcom_lcpid220346 | OG0 |
                •Mylflu_EP00047_Mylnosiga_fluctuans_P002057 | OG0 |
         80
                     Salkve EP00050 Salpingoeca kvevrii P021310 | OG0 |
                       Salurc_EP00051_Salpingoeca_urceolata_P027428 | OG0 |
                           Salpun_EP00053_Salpingoeca_punica_P020460 | OG0 |
                     •Chofle_EP00730_Choanoeca_flexa_P013125 | OG0 |
             69
                  <sup>100</sup><sup>1</sup>-Choper_EP00045_Choanoeca_perplexa_P001467 | OG0 |
                      •Mbre EDQ87611 | OG0 |
                          Salinf EP00049 Salpingoeca infusionum P017469 | OG0 |
                            •Microa_EP00043_Microstomoeca_roanoka_P020712 | OG0 |
                             -Sros EGD73895 | OG0 |
        •Plajan_Pjan_scaffold22449_01 | OG1 |
           <sub>!</sub>Opea_EP00118_Oscarella_pearsei_P025253 | OG1 |
    100
         <sup>100</sup> Ocar g2557 | OG1 |
  98
                      -Scil_scict002281.1 | OG1 |
                -Leuniv_Lniv_C797388_01 | OG1 |
            86<sup>1</sup>-Lcom_lcpid99890 | OG1 |
         <sub>[</sub>•Dgig XM 028542159.1 | OG2 |
      <sup>100</sup>1•Xesp_028863-T1 | OG2 |
           -Nvec_v1g168163 | OG2 |
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            •Exapal_XM_021049062.2 | OG2 |
            •Gfas_gfas1.m1.2215.m1 | OG2 |
      99
               Amil Amillepora16812-RA | OG2 |
        100
                    -•Adig XM 015905458.1 | OG2 |
                    -Adig XM 015894943.1 | OG2 |
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                •Gasp_gasp1.m3.1211.m1 | OG2 |
                  r-Fspp_ffun1.m4.18583.m1 | OG2 |
                     Pocdam_XM_027188809.1 | OG2 |
                  <sup>100</sup> Spis XP 022784486_1 | OG2 |
           •Skow_XM_002741556.2 | OG2 |
              •Hsap_ENST00000271308 | OG2 |
                 Cgig_XM_011449560.3 | OG2 |
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  63
                   •Lcom lcpid125153 | OG2 |
                    Acagra model.g7847.t1 | OG2 |
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                       •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA162763 | OG2 |
                    Bralan_BLAG18000897_1 | OG2 |
                       •Tcas_TC008671_001 | OG2 |
                        •Dpul mRNA3891 | OG2 |
                 100
                             Cscu XM 023359408.1 | OG2 |
                          <sup>1001</sup>-Cscu XM_023359433.1 | OG2 |
            66
                     Spur_XM_777244.5 | OG2 |
                  <sup>100</sup> Spur_XM_030973506.1 | OG2 |
                             Tadh_TriadT19919 | OG2 |
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                         <sup>100</sup> TrH2 TrispH2_000129-RA | OG2 |
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                           <sub>"</sub>HoiH11_mRNA8040 | OG2 |
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                                <sub>!</sub>Hhon_g04444.t1 | OG2 |
                             <sup>100</sup> HoiH04_mRNA492 | OG2 |
                                HoiH06 mRNA472 | OG2 |
                             <sup>100</sup> HoiH23 PIH23 001855-RA | OG2 |
                Chem TCONS 00012122 | OG2 |
                •Hvul_g9666_1 | OG2 |
                Morvir scaffold322.g7.t2 | OG2 |
                  •Sanmal Sma 009575-T1 | OG2 |
                    -Nemnom g17138.t1 | OG2 |
                 <sup>100</sup>lRhoesc Res_013544-T1 | OG2 |
      54
                    •Vmul_sbMO423164 | OG2 |
                        <u>-Coemet_Cmet_scaffold20338_01 | OG2 |</u>
                          Coeast Cast sb800478 | OG2 |
                             Coeast Cast sb800480 | OG2 |
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                               •Coeast_Cast_sb800479 | OG2 |
                             46 Coeast_Cast_sb800481 | OG2 |
                          Eupdun Edun sb10630090 | OG2 |
                           _Eupdun_Edun_sb10630092 | OG2 |
                           <sup>781</sup>Eupdun Edun_sb10630091 | OG2 |
                           -Lampan_Lpan_C407895_01 | OG2 |
                               Pbac_sb2665874 | OG2 |
                            •Drygla_Dgla_sb289482 | OG2 |
                                   Bolinf Binf sb1218200 | OG2 |
                                     Mertsp_Mesp_sb580962 | OG2 |
                                   <sup>51</sup> Bolinf_Binf_sb1218199 | OG2 |
                                 •Mlei_ML1163.g4.i1 | OG2 |
                                    Bolinf Binf sb1193008 | OG2 |
                                  <sup>991</sup>-Mertsp Mesp_sb577316 | OG2 |
                                        <sub>'</sub>Bolinf_Binf_sb1297326 | OG2 |
                                     <sup>71</sup> Mertsp_Mesp_sb535363 | OG2 |
                                       Beraby_Baby_sb335061 | OG2 |
                                      <sup>361</sup>Beraby Baby sb335062 | OG2 |
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