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•Plespi Pspi scaffold6160 01 | OG0 |
          Stycar augustus masked-SC scaffold3167-processed-gene-0.6-mRNA-1 | OG0 |
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          •Tetwil_g8282.t1 | OG0 |
              •Xestes_maker-XT_scaffold1462-augustus-gene-0.19-mRNA-1 | OG0 |
               •Halamb_c45108_g1_i1m.18459 | OG0 |
            <sup>[00]</sup>-Aque Aqu2.1.40897_001 | OG0 |
            -Spolac_c89151_g1_i1_m.5455c89151-g1 | OG0 |
               •Emue_Em0018g932a.t1 | OG0 |
            <sup>1001</sup>--Emue Em0018g923a.t1 | OG0 |
       •Hsap ENST00000308268 | OG0 |
  <sup>991</sup>--Hsap_ENST00000370873 | OG0 |
           •Bralan_BLAG07000430_1 | OG0 |
            •Dpul_mRNA16501 | OG0 |
             -Tcas_TC014574_001 | OG0 |
            •Skow XM 002737380.2 | OG0 |
             |Spur XM 011681606.2|OG0
                •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA221691 | OG0 |
57
            1001Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA152872 | OG0 |
                 •Cgig_XM_011429622.2 | OG0 |
                  Acagra model.g26050.t1 | OG0 |
                 Lcom | lcpid151674 | OG0 |
           36
                   Lcom_lcpid113803 | OG0 |
                <sup>100</sup> Lcom_lcpid189181 | OG0 |
            -Dgig_XM_028536348.1 | OG0 |
  42
        <sup>100</sup><sup>1</sup>-Xesp 006927-T1|OG0|
              •Exapal XM 021042080.2 | OG0 |
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              •Nvec_v1g179894 | OG0 |
                Fspp ffun1.m4.22583.m1 | OG0 |
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                 Pocdam_XM_027197656.1 | OG0 |
               98 Spis XP 022798973 1 | OG0 |
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                     Amil_Amillepora05374-RA | OG0 |
                  <sup>100</sup> Adig_XM_015911385.1 | OG0 |
                 Sanmal Sma 024876-T1 | OG0 |
                 Nemnom g18187.t1 | OG0 |
               <sup>100</sup><sup>1</sup>•Rhoesc_Res_010625-T1 | OG0 |
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                •Morvir_scaffold77.g67.t1 | OG0 |
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                  --Hvul g2774 1 | OG0 |
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             <sub>r</sub>HoiH23 PIH23 005211-RA | OG0 |
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                     <sub>"</sub>HoiH04_mRNA3320 | OG0 |
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                    HoiH11 mRNA2369 | OG0 |
                       <sub>-</sub>-Tadh TriadT38177 | OG0 |
                    <sup>100</sup> TrH2_TrispH2_000452-RA | OG0 |
        Salkve_EP00050_Salpingoeca_kvevrii_P010193 | OG1 |
              •Lcom_lcpid205075 | OG1 |
           Salurc_EP00051_Salpingoeca_urceolata_P027264 | OG1 |
99
               Salmac_EP00052_Salpingoeca_macrocollata_P034342 | OG1 |
               Saldol_EP00054_Salpingoeca_dolichothecata_P031781 | OG1 |
                 Codhol_EP00042_Codosiga_hollandica_P002891 | OG1 |
                 •Mylflu_EP00047_Mylnosiga_fluctuans_P002138 | OG1 |
                    ·Salpun_EP00053_Salpingoeca_punica_P005277 | OG1 |
                 Didcos EP00039_Didymoeca_costata_P018376 | OG1 |
                  Diagra_EP00040_Diaphanoeca_grandis_P023565 | OG1 |
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                    Stedip_EP00041_Stephanoeca_diplocostata_P004548 | OG1 |
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                       -Helnan_EP00037_Helgoeca_nana_P026106 | OG1 |
                       Acaspe EP00035 Acanthoeca spectabilis P020073 | OG1 |
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                •Lcom lcpid216590 | OG1 |
           <sup>100</sup> Lcom_lcpid119403 | OG1 |
                      ore_EDQ91377 | OG1 |
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                    ┌•Chofle_EP00730_Choanoeca_flexa_P015147 | OG1 |
                 <sup>100</sup>1•Choper_EP00045_Choanoeca_perplexa_P014233 | OG1 |
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                    Salinf EP00049 Salpingoeca infusionum P017765 | OG1 |
                      Sros_EGD83218 | OG1 |
                      •Microa_EP00043_Microstomoeca_roanoka_P000538 | OG1 |
        Opea_EP00118_Oscarella_pearsei_P025493 | OG2 |
            •Leuniv_Lniv_scaffold25026 01 | OG2 |
               •Lcom_lcpid124149 | OG2 |
                 •Gracom_Gcom_C539990_01 | OG2 |
82
              <sup>98</sup> -Scil_scict012536.2 | OG2 |
            Coemet_Cmet_scaffold17899_01 | OG2 |
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                 Coeast Cast sb804936 | OG2 |
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                 82 Coeast Cast sb804935 | OG2 |
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              <sup>52</sup> Bolinf_Binf_sb1246913 | OG2 |
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                  Mertsp Mesp sb562816 | OG2 |
                64 - Eupdun Edun sb10628451 | OG2 |
                Mlei_ML0296.g8.i1 | OG2 |
              <sup>99]</sup>Vmul_sbMO432215 | OG2 |
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                    Beraby_Baby_sb331712 | OG2 |
                      Drygla_Dgla_sb311587 | OG2 |
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                          Bolinf_Binf_sb1218989 | OG2 |
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                     Drygla Dgla sb296352 | OG2 |
                       <sup>911</sup>•Drygla_Dgla_sb296354 | OG2 |
                          Drygla_Dgla_sb296353 | OG2 |
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