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•Didcos_EP00039_Didymoeca_costata_P019269 | OG0 |
          -Acaspe EP00035 Acanthoeca spectabilis P020589 | OG0 |
       <sup>991</sup>•Helnan EP00037_Helgoeca_nana_P038003 | OG0 |
95
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           Stedip_EP00041_Stephanoeca_diplocostata_P010138 | OG0 |
            •Diagra_EP00040_Diaphanoeca_grandis_P014600 | OG0 |
          •Codhol EP00042 Codosiga hollandica P050712 | OG0 |
  54
                Saldol_EP00054_Salpingoeca_dolichothecata_P010848 | OG0 |
                 Salkve_EP00050_Salpingoeca_kvevrii_P006936 | OG0 |
        68
    91
              Salpun_EP00053_Salpingoeca_punica_P011841 | OG0 |
                  Salurc_EP00051_Salpingoeca_urceolata_P026917 | OG0 |
      83
                 Salmac EP00052 Salpingoeca macrocollata P030963 | OG0 |
                      Salpun_EP00053_Salpingoeca_punica_P011838 | OG0 |
        59
               •Mylflu_EP00047_Mylnosiga_fluctuans_P003410 | OG0 |
                   •Salpun_EP00053_Salpingoeca_punica_P011839 | OG0 |
                     -Sros EGD80555 | OG0 |
            50
                 Microa EP00043_Microstomoeca_roanoka_P003729 | OG0 |
                           Salinf_EP00049_Salpingoeca_infusionum_P011397 | OG0 |
              91
                        •Chofle_EP00730_Choanoeca_flexa_P019265 | OG0 |
                     <sup>100</sup><sup>1</sup>-Choper_EP00045_Choanoeca_perplexa_P006016 | OG0 |
                       Mbre EDQ89954 | OG0 |
                           •Codhol_EP00042_Codosiga_hollandica_P050713 | OG0 |
             •Lcom lcpid254264 | OG0 |
  81
                -Lcom_lcpid97205 | OG0 |
       Spur_XM_030989648.1 | OG0 |
    1001 Spur XM_030989657.1 | OG0 |
          Bralan BLAG03000570 1 | OG0 |
            •Skow_XM_006823398.1 | OG0 |
      39
               •Plajan Pjan scaffold23212 01 | OG0 |
95
        85
                  TrH2 TrispH2 003391-RA | OG0 |
               <sup>[100]</sup>Tadh TriadT36940 | OG0 |
                    <sub>*</sub>HoiH06 mRNA13090 | OG0 |
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                      <sub>f</sub>HoiH23_PIH23_009831-RA | OG0 |
                    82<sup>1</sup>-HoiH11 mRNA4103 | OG0 |
  78
                    HoiH04_mRNA5443 | OG0 |
                  1001 •Hhon_g07677.t1 | OG0 |
                     <sup>1</sup> HoiH04 mRNA17540 | OG0 |
               •Cscu_XM_023386287.1 | OG0 |
               r-Cgig_XM_011436074.3 | OG0 |
                -Ctel gnl WGS AMQN CAPTEDRAFT mRNA221846 | OG0 |
                Opea EP00118 Oscarella pearsei P025697 | OG0 |
                  Ocar g2554 | OG0 |
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                   •Dpul_mRNA18490 | OG0 |
          58
                        -Lcom_lcpid232969 | OG0 |
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                       •Tcas_TC015193_001 | OG0 |
                  •Clacor Ccor scaffold11469_01 | OG0 |
                     -Lcom Icpid64661 | OG0 |
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                      -Gracom_Gcom_C550742_01 | OG0 |
                  1001-Scil_scict022599.1 | OG0 |
                    -Xestes_maker-XT_scaffold445-snap-gene-0.13-mRNA-1 | OG0 |
                       •Halamb_c47734_g1_i1mm.2368 | OG0 |
                          -Aque Aqu2.1.25593 001 | OG0 |
                          Aque_Aqu2.1.05430_001 | OG0 |
                        80 Aque_Aqu2.1.12780_001 | OG0 |
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                      rEmue_Em0004g1351a.t1 | OG0 |
                         Spolac_c103090_g1_i1_m.32400c103090-g1 | OG0 |
                   100
      37
                      <sup>1001</sup>Spolac_c107971_g1_i1_m.45354c107971-g1 | OG0 |
                        <sub>•</sub>Tetwil_g5862.t2 | OG0 |
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                     Tetwil_g5864.t2 | OG0 |
                            ·Stycar_snap_masked-SC_scaffold737-processed-gene-0.10-mRNA-1 | OG0 |
                               Stycar_snap_masked-SC_scaffold737-processed-gene-0.11-mRNA-1 | OG0 |
            84
                        •Chem TCONS 00030242 | OG0 |
                         --Hvul g17485 1 | OG0 |
                             ⊸Lcom_lcpid237055 | OG0 |
                 97
                       •Morvir_scaffold323.g27.t1 | OG0 |
                        Aaur scaffold138.g19.t1 | OG0 |
                          r-Nemnom_g16543.t1 | OG0 |
                            -Rhoesc Res 017092-T1 | OG0 |
              92
                              -Sanmal Sma 024300-T1 | OG0 |
                      -Dgig_XM_028539954.1 | OG0 |
                   <sup>95</sup>Ū•Xesp_026010-T1 | OG0 |
                       Nvec_v1g78377 | OG0 |
                         <u>-Nvec_v1g224269 | OG0 |</u>
                       87 Nvec_v1g243663 | OG0 |
                              •Exapal_XM_021039048.1 | OG0 |
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                           Pocdam_XM_027191476.1 | OG0 |
                             <sup>*</sup>Spis XP 022793830 1 | OG0 |
                           42<sup>1</sup>Gasp_gasp1.m3.31917.m1 | OG0 |
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                               Gfas gfas1.m1.2282.m1 | OG0 |
                                  <sub>_</sub>Amil_Amillepora12941-RA | OG0 |
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                      Coemet Cmet scaffold17791 01 | OG0 |
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                        Coeast_Cast_sb813126 | OG0 |
                            Coeast_Cast_sb813125 | OG0 |
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                             Coeast_Cast_sb813111 | OG0 |
                               Coeast Cast sb813119 | OG0 |
                              <sup>1</sup> Coeast_Cast_sb813112 | OG0 |
                            rCoeast_Cast_sb813132 | OG0 |
                              <sub>f</sub>Coeast_Cast_sb813131 | OG0 |
                                Coeast_Cast_sb813140 | OG0 |
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                                   Coeast_Cast_sb813141 | OG0 |
                                     <sub>|</sub>Coeast_Cast_sb813136 | OG0 |
                                   831 Coeast_Cast_sb813137 | OG0 |
                       <sub>[</sub>Eupdun_Edun_sb10631335 | OG0 |
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                         Horcal_Hcv1.av93.c7.g1029.i1 | OG0 |
                       <sup>83</sup> Pbac_sb2653203 | OG0 |
                       *Bolinf_Binf_sb1259350 | OG0 |
                       _Mertsp_Mesp_sb587605 | OG0 |
                       <sup>75</sup> Mertsp_Mesp_sb587606 | OG0 |
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                            Drygla_Dgla_sb297954 | OG0 |
                         <sup>1001</sup>Drygla_Dgla_sb297955 | OG0 |
                           Beraby_Baby_sb330740 | OG0 |
                             Beraby Baby sb330741 | OG0 |
                               Bolinf_Binf_sb1192629 | OG0 |
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                             <sub>!</sub>Mlei_ML0514.g20.i1 | OG0 |
                          <sup>100</sup>-Vmul_sbMO437243 | OG0 |
                                    Bolinf Binf sb1256361 | OG0 |
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                                         Mertsp_Mesp_sb587630 | OG0 |
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                                   Mertsp_Mesp_sb587624 | OG0 |
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                                75 Mertsp_Mesp_sb587623 | OG0 |
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                                73 Bolinf_Binf_sb1256355 | OG0 |
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                                    Bolinf Binf sb1256347 | OG0 |
                                   <sup>1</sup> Mertsp_Mesp_sb587620 | OG0 |
                                     Bolinf_Binf_sb1256352 | OG0 |
                                       Bolinf_Binf_sb1256344 | OG0 |
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