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<sub>•</sub>TrH2 TrispH2 008999-RA|OG1|
             <sup>1</sup>00<sup>1</sup>Tadh_TriadT56433 | OG1 |
                •HoiH11_mRNA1654 | OG1 |
          100
                    <sub>_</sub>HoiH04_mRNA8654 | OG1 |
                 <sup>100</sup> Hhon g05397.t1 | OG1 |
                    <sub>*</sub>HoiH06 mRNA4305 | OG1 |
 95
                 <sup>100</sup> HoiH23_PIH23_000288-RA | OG1 |
                                      <sub>]</sub>TrH2_TrispH2_008998-RA | OG2 |
                                   <sup>981</sup>Tadh_TriadT26061 | OG2 |
                                       •HoiH11 mRNA2161 | OG2 |
                                          -HoiH06 mRNA4304 | OG2 |
                                          <sup>l</sup>-HoiH23_PIH23_000289-RA | OG2 |
                                           Hhon_g05396.t1 | OG2 |
                                        •Hsap ENST00000263277 | OG0 |
                •Hsap ENST00000322054 | OG0 |
                •Hsap ENST00000621096 | OG0 |
                 Bralan BLAG04001088 1 | OG0 |
     95
          100
                 Skow_XM_002736671.2 | OG0 |
                  •Ctel gnl WGS AMQN CAPTEDRAFT mRNA108382 | OG0 |
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                     Cgig XM 011450564.3 | OG0 |
                   Acagra_model.g17872.t1 | OG0 |
                     Cscu_XM_023379407.1 | OG0 |
                     •Cscu_XM_023376826.1 | OG0 |
                    •Dpul mRNA13676 | OG0 |
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                      •Tcas TC031545 001 | OG0 |
                         •Tcas_TC033251_001 | OG0 |
             •Morvir_scaffold117.g3.t1 | OG0 |
                    •Hvul_g32891_1 | OG0 |
                     •Chem TCONS 00022092 | OG0 |
       100
                      •Hvul g20946 1 | OG0 |
                   |Sanmal_Sma_023791-T1 | OG0 |
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                <sup>100</sup> Sanmal_Sma_023782-T1 | OG0 |
             100
                               Aaur_scaffold567.g3.t1 | OG0 |
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                     •Rhoesc Res 004578-T1 | OG0 |
                  <sup>100</sup><sup>1</sup>-Nemnom_g18081.t1 | OG0 |
                •Xesp_021982-T1 | OG0 |
            <sup>100</sup>L<sub>•</sub>Dgig_XM_028537292.1 | OG0 |
                   •Exapal_XM_021038568.2 | OG0 |
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                  Nvec v1g158412 | OG0 |
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                     •Amil_Amillepora26310-RA | OG0 |
                      Fspp_ffun1.m4.18083.m1 | OG0 |
              100
                   <sub>-</sub>-Spis_XP_022795837_1 | OG0 |
                   <sup>1001</sup>•Pocdam_XM_027194159.1 | OG0 |
                   •HoiH23_PIH23_007314-RA | OG0 |
                  -HoiH11_mRNA2951 | OG0 |
                    <sub>[</sub>TrH2_TrispH2_006440-RA | OG0 |
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                 <sup>1001</sup>Tadh_TriadT18691 | OG0 |
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                    <sub>"</sub>HoiH23 PIH23 001243-RA|OG0|
                 <sup>100</sup> HoiH06_mRNA13637 | OG0 |
                    <sub>f</sub>Hhon_g05165.t1 | OG0 |
                 <sup>100</sup> HoiH04_mRNA10396 | OG0 |
                    •Plajan_Pjan_C565480_01 | OG0 |
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                   <sub>"</sub>Ocar_g3381 | OG0 |
                <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P025040 | OG0 |
                              -Drygla_Dgla_sb303022 | OG0 |
                                 •Lampan_Lpan_5402_01 | OG0 |
                                 Nmul sbMO421068 | OG0 |
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                  -Lcom_lcpid143185 | OG0 |
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                         com_icpia96250 | OG0 |
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                    <sup>94</sup>-Leuniv_Lniv_C814012_01 | OG0 |
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                       -Scil scict012821.1 | OG0 |
                        Gracom Gcom C557662 01 | OG0 |
                     •Plespi_Pspi_scaffold4803_01 | OG0 |
                       •Halamb_c55495_g1_i1m.40978 | OG0 |
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                          •Aque Aqu2.1.43670 001 | OG0 |
                   100
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                          -Xestes augustus masked-XT scaffold561-processed-gene-0.8-mRNA-1 | OG0 |
                           •Tetwil g18555.t1 | OG0 |
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                           -Stycar_maker-SC_scaffold123823-augustus-gene-0.185-mRNA-1 | OG0 |
                       1001 Stycar_snap_masked-SC_scaffold97616-processed-gene-0.2-mRNA-1 | OG0 |
                            Spolac c103539 g1 i1 m.34770c103539-g1 | OG0 |
                              Emue Em0004g99a.t1 | OG0 |
                           <sup>1001</sup>Emue Em0004g92a.t1 | OG0 |
                                   Didcos_EP00039_Didymoeca_costata_P031438 | OG0 |
                                      Diagra_EP00040_Diaphanoeca_grandis_P028495 | OG0 |
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                                         Stedip EP00041 Stephanoeca diplocostata P035330 | OG0 |
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                                         Acaspe EP00035 Acanthoeca spectabilis P007799 | OG0 |
                                     Helnan EP00037 Helgoeca_nana_P009107 | OG0 |
                         100
                                    •Codhol_EP00042_Codosiga_hollandica_P038480 | OG0 |
                                       Saldol_EP00054_Salpingoeca_dolichothecata_P007587 | OG0 |
                                          Salkve EP00050 Salpingoeca kvevrii P014574 | OG0 |
                                               •Lcom | lcpid186329 | OG0 |
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                                           Salurc EP00051 Salpingoeca urceolata P005376 | OG0 |
                                         -Mylflu_EP00047_Mylnosiga_fluctuans_P003555 | OG0 |
                                            Salpun_EP00053_Salpingoeca_punica_P007607 | OG0 |
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                                             Salmac EP00052 Salpingoeca macrocollata P001287 | OG0 |
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                                            Microa EP00043 Microstomoeca roanoka P010960 | OG0 |
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