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•Mylflu_EP00047_Mylnosiga_fluctuans_P019003 | OG0 |
               Saldol EP00054 Salpingoeca dolichothecata P009992 | OG0 |
                             Salpun_EP00053_Salpingoeca_punica_P015808 | OG0 |
100
                              Salmac_EP00052_Salpingoeca_macrocollata_P014541 | OG0 |
                          Salmac_EP00052_Salpingoeca_macrocollata_P014543 | OG0 |
  59
                       Salurc_EP00051_Salpingoeca_urceolata_P014670 | OG0 |
                          Didcos_EP00039_Didymoeca_costata_P019555 | OG0 |
     43
                         Diagra_EP00040_Diaphanoeca_grandis_P004194 | OG0 |
           60
                          Stedip_EP00041_Stephanoeca_diplocostata_P010621 | OG0 |
                           Acaspe EP00035 Acanthoeca spectabilis P004417 | OG0 |
                            Helnan EP00037 Helgoeca nana P012817 | OG0 |
                             <sup>1001</sup>•Salkve_EP00050_Salpingoeca_kvevrii_P017152 | OG0 |
                                          •Codhol_EP00042_Codosiga_hollandica_P029093 | OG0 |
                                     Codhol EP00042 Codosiga hollandica P029092 | OG0 |
                           100
         64
                                    Codhol_EP00042_Codosiga_hollandica_P029090 | OG0 |
                                  811Codhol_EP00042_Codosiga_hollandica_P029091 | OG0 |
           74
                                           •Mbre_EDQ86687 | OG0 |
                                         •Chofle_EP00730_Choanoeca_flexa_P013663 | OG0 |
                                 100
                                         •Choper_EP00045_Choanoeca_perplexa_P006119 | OG0 |
               98
                                         Salinf_EP00049_Salpingoeca_infusionum_P003176 | OG0 |
                                 •Microa_EP00043_Microstomoeca_roanoka_P026811 | OG0 |
                  100
                        100
                                  •Sros_EGD77486 | OG0 |
                        •Plespi_Pspi_C613030_01 | OG0 |
                              -Xestes_augustus_masked-XT_scaffold3710-processed-gene-0.5-mRNA-1 | OG0 |
                                   •Aque_Aqu2.1.33462_001 | OG0 |
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                                •Halamb_c35677_g1_i1m.8863 | OG0 |
                           Tetwil g26989.t1 | OG0 |
            100
                   100
                           Stycar_augustus_masked-SC_scaffold6377-processed-gene-0.0-mRNA-1 | OG0 |
               100
                                •Spolac_c101655_g1_i2_m.26315c101655-g1 | OG0 |
                                <sub>5</sub>Emue_Em0017g35a.t1 | OG0 |
  82
                                   -Emue Em0017g41a.t1 | OG0 |
                       Eupdun_Edun_sb10624670 | OG0 |
                    <sup>100</sup>Leupdun_Edun_sb10624671 | OG0 |
                        Drygla_Dgla_sb299897 | OG0 |
                     100 PDrygla_Dgla_sb299898 | OG0 |
                          Drygla_Dgla_sb299896 | OG0 |
              100
                         <sup>1</sup>•Drygla_Dgla_sb299899 | OG0 |
                           •Lampan_Lpan_1500_01 | OG0 |
                               Coemet_Cmet_scaffold14034_01 | OG0 |
                       73
                                   Coeast Cast sb802115 | OG0 |
                  97
                                 <sup>90</sup> Coeast_Cast_sb802116 | OG0 |
                                   rCoeast_Cast_sb802118 | OG0 |
                                     Coeast_Cast_sb802119 | OG0 |
                                         Coeast_Cast_sb802120 | OG0 |
                     30
                                           Coeast_Cast_sb802121 | OG0 |
                                         84 Coeast_Cast_sb802122 | OG0 |
                            -Mertsp_Mesp_sb563288 | OG0 |
                             Mertsp_Mesp_sb563287 | OG0 |
                         100
                                Bolinf Binf sb1243917 | OG0 |
                              <sup>100</sup> Bolinf_Binf_sb1243918 | OG0 |
                                •Pbac_sb2646029 | OG0 |
                      61
100
                                  Horcal_Hcv1.av93.c6.g605.i1 | OG0 |
                             100
                                71 Horcal Hcv1.av93.c6.g606.i1 | OG0 |
                                <sub>]</sub>Beraby_Baby_sb334488 | OG0 |
                         58
                             <sup>1001</sup>Beraby_Baby_sb334489 | OG0 |
                                   Mlei_ML0061.g21.i1 | OG0 |
                           95
                                100 Vmul_sbMO415294 | OG0 |
                                   -Bolinf_Binf_sb1264068 | OG0 |
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                                    Bolinf Binf sb1264067 | OG0
                                   69 Mertsp_Mesp_sb547105 | OG0 |
                    Plajan_Pjan_C559479_01 | OG0 |
                        100
                                 Opea EP00118 Oscarella pearsei P011644 | OG0 |
                              Opea EP00118 Oscarella pearsei P011645 | OG0 |
      99
                           <sup>99</sup> Ocar <u>g</u>3739 | OG0 |
                           •Clacor Ccor scaffold12057 01 | OG0 |
                       Leuniv Lniv scaffold17301 01 | OG0 |
                             •Lcom | lcpid36361 | OG0 |
               100
                            Gracom Gcom C550038 01 | OG0 |
                    100
                           Scil_scict008043.1 | OG0 |
                        -HoiH23_PIH23_002213-RA | OG0 |
                      <sup>59</sup>-HoiH06_mRNA5575 | OG0 |
                           Hhon g02417.t1 | OG0 |
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                   100
                        <sup>100</sup> HoiH04 mRNA13287 | OG0 |
                           •HoiH11_mRNA2863 | OG0 |
                             TrH2 TrispH2 003949-RA | OG0 |
                               TrH2_TrispH2_006017-RA | OG0 |
                             <sup>82]</sup>Tadh_TriadT54385 | OG0 |
                  •Skow XM 006820591.1 | OG0 |
                               •Tcas TC009816 001 | OG0 |
                100
                                  •Dpul_mRNA18310 | OG0 |
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                         •Spur XM 030974193.1 | OG0 |
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                        Bralan BLAG17000874 1 | OG0 |
                          •Hsap_ENST00000361523 | OG0 |
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                          Cscu_XM_023372422.1 | OG0 |
                           Ctel gnl WGS AMQN CAPTEDRAFT mRNA124048 | OG0 |
               83
                           •Cgig XM 011431282.2 | OG0 |
       82
                          •Acagra_model.g23032.t1.1.5d3b8ab8 | OG0 |
                                             -•Acagra_model.g23016.t1 | OG0 |
                   •Hvul_g23253_1 | OG0 |
                     •Chem_TCONS_00062125 | OG0 |
           100
                        •Morvir scaffold389.g3.t1 | OG0 |
              99
                                •Hvul_g23254_1 | OG0 |
                          •Sanmal_Sma_023476-T1 | OG0 |
                             •Aaur_scaffold247.g8.t2 | OG0 |
                              Nemnom g18484.t1 | OG0 |
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                         <sup>100</sup><sup>1</sup>-Rhoesc_Res_004729-T1 | OG0 |
                    •Xesp_021273-T1 | OG0 |
                    Dgig_XM_028547080.1 | OG0 |
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                  <sup>100</sup> Dgig_XM_028561748.1 | OG0 |
                      •Exapal XM 021043671.2 | OG0 |
                     •Nvec v1g100769 | OG0 |
                      •Gasp_gasp1.m3.30960.m1 | OG0 |
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                        •Spis XP 022797558 1 | OG0 |
                     <sup>100</sup> -Pocdam_XM_027196685.1 | OG0 |
                100
                     Fspp ffun1.m4.13082.m1 | OG0 |
                         Gfas gfas1.m1.4443.m1 | OG0 |
                   56
                             •Adig XM 015904568.1 | OG0 |
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                                         -Adig XM 015922378.1 | OG0 |
                            Adig_XM_015922401.1 | OG0 |
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76 Amil Amillepora28046-RA | OG0 |