```
rTrH2 TrispH2 011529-RA|OG0|
         <sup>80</sup><sup>1</sup>Tadh TriadT60855 | OG0 |
           <sub>e</sub>HoiH11_mRNA5443 | OG0 |
             -HoiH06_mRNA12702 | OG0 |
               <sub>]</sub>•HoiH23_PIH23_005848-RA | OG0 |
             66
             •Cscu_XM_023365068.1 | OG0 |
              •Cgig XM 011447914.3 | OG0 |
                •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA152651 | OG0 |
                    •Acagra model.g6134.t1 | OG0 |
                                        -Acagra model.g22127.t1 | OG0 |
                                               -Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA224625 | OG0 |
              •Hsap_ENST00000338446 | OG0 |
     56
              -Skow_XM_002738263.2 | OG0 |
           <sup>100</sup> Skow_XM_002730631.2 | OG0 |
                 •Bralan BLAG12000112 1 | OG0 |
         60
                     Spur_XM_031000482.1 | OG0 |
                  <sup>100</sup> Spur XM_030972498.1 | OG0 |
           32
                        •Sanmal_Sma_005574-T1 | OG0 |
                          -Nemnom_g12876.t1 | OG0 |
                          •Aaur scaffold429.g8.t1 | OG0 |
                         •Morvir_scaffold20.g67.t1 | OG0 |
                            •Hvul_g29622_1 | OG0 |
                             ·Chem_TCONS_00026161 | OG0 |
                          •Xesp 001329-T1 | OG0 |
                           Dgig XM 028541665.1 | OG0 |
                        100 Dgig_XM_028552869.1 | OG0 |
                 50
                        •Nvec_v1g237413 | OG0 |
                            •Exapal_XM_021037196.1 | OG0 |
                   100
                              Amil Amillepora12878-RA | OG0 |
                      85
                           <sup>100</sup>-Adig XM_015896728.1 | OG0 |
                               -Fspp ffun1.m4.30083.m1 | OG0 |
                        100
                                 •Gfas gfas1.m1.14044.m1 | OG0 |
                                   <sub>[</sub>•Pocdam_XM_027195180.1 | OG0 |
                                     _Spis_XP_022798535_1 | OG0 |
                                   <sup>991</sup>-Gasp _gasp1.m3.13431.m1 | OG0 |
           Opea_EP00118_Oscarella_pearsei_P001053 | OG0 |
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             •Plajan_Pjan_C555095_01 | OG0 |
                  •Tetwil_g2977.t1 | OG0 |
   73
                    -Spolac_c89437_g1_i2_m.5649c104104-g1 | OG0 |
       100
                        Emue Em0007g22a.t1 | OG0 |
                         -Aque_Aqu2.1.38711_001 | OG0 |
                    Stycar_maker-SC_scaffold5838-snap-gene-0.12-mRNA-1 | OG0 |
                        •Plespi_Pspi_C594742_01 | OG0 |
                         Vmul Simscaffold12223 01 | OG0 |
                   Coemet Cmet scaffold4763 01 | OG0 |
                 100<sup>1</sup>Coemet_Cmet_scaffold4764_01 | OG0 |
            100
                   •Lampan_Lpan_4216_01 | OG0 |
                    Horcal_Hcv1.av93.c2.g306.i1 | OG0 |
                       •Pbac sb2660784 | OG0 |
                       •Mlei ML2152.g8.i1 | OG0 |
                          Drygla_Dgla_sb287213 | OG0 |
                       <sup>100</sup> Drygla_Dgla_sb287214 | OG0 |
                               •Rhoesc_Res_005827-T1 | OG0 |
                          •Tcas TC009326 001 | OG0 |
                               •Clacor Ccor C537345 01 | OG0 |
                                •Scil scict009425.2 | OG0 |
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                                                 -Gracom Gcom C542716 01 | OG0 |
                                  •Lcom | lcpid81438 | OG0 |
                                  Leuniv Lniv scaffold20130 01 | OG0 |
       51
                                    •Gracom Gcom C543460 01 | OG0 |
                         Salkve EP00050 Salpingoeca kvevrii P007781 | OG0 |
                                   •Didcos_EP00039_Didymoeca_costata_P031286 | OG0 |
                                           •Diagra_EP00040_Diaphanoeca_grandis_P017027 | OG0 |
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            86
                                    Acaspe EP00035 Acanthoeca spectabilis P024356 | OG0 |
                                        •Helnan_EP00037_Helgoeca_nana_P034274 | OG0 |
                            -Salurc_EP00051_Salpingoeca_urceolata_P019387 | OG0 |
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                               Saldol_EP00054_Salpingoeca_dolichothecata_P013421 | OG0 |
                     82
                                             Codhol EP00042 Codosiga hollandica P005365 | OG0 |
                                -Mylflu_EP00047_Mylnosiga_fluctuans_P013613 | OG0 |
                                  Salmac_EP00052_Salpingoeca_macrocollata_P003861 | OG0 |
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                                     Salpun_EP00053_Salpingoeca_punica_P022255 | OG0 |
                                    •Chofle_EP00730_Choanoeca_flexa_P016032 | OG0 |
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                                  Choper EP00045 Choanoeca perplexa P012721 | OG0 |
                                   •Microa_EP00043_Microstomoeca_roanoka_P015191 | OG0 |
                                 Sros EGD73840 | OG0 |
                          100
                                    Salinf_EP00049_Salpingoeca_infusionum_P001121 | OG0 |
                                                   •Microa_EP00043_Microstomoeca_roanoka_P003843 | OG0 |
0.416667
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