```
•Spolac_c101820_g1_i1_m.26887c101820-g1 | OG0 |
        <u>r</u>Emue_Em0016g1179a.t1 | OG0 |
 100
      <sup>90</sup> Emue_Em0016g1116a.t1 | OG0 |
        Emue_Em0531g3a.t1 | OG0 |
    99
                                                                  <sub>j</sub>Emue_Em0016g1180a.t1 | OG0 |
                                                               <sup>100</sup> -Emue_Em0531g4a.t1 | OG0 |
             •Stycar_maker-SC_scaffold15075-snap-gene-0.13-mRNA-1 | OG0 |
                •Tetwil g1514.t1 | OG0 |
    93
                  Xestes_maker-XT_scaffold1297-augustus-gene-0.18-mRNA-1 | OG0 |
                  Ague Agu2.1.29042 001 | OG0 |
           100
                     Aque_Aqu2.1.09471_001 | OG0 |
                  <sup>100</sup> Aque Aqu2.1.07242 001 | OG0 |
                                  TrH2_TrispH2_003085-RA | OG0 |
                               <sup>100</sup> Tadh_TriadT13686 | OG0 |
                                  -HoiH11_mRNA6998 | OG0 |
                             100
                                       <sub>|</sub>•HoiH23_PIH23_010189-RA | OG0 |
                                     <sup>99</sup> HoiH06_mRNA5579 | OG0 |
                                        Hhon_g01275.t1 | OG0 |
                                     <sup>100</sup> HoiH04_mRNA9771 | OG0 |
                                   Clacor Ccor_C513511_01 | OG0 |
                                             -Leuniv_Lniv_C784681_01 | OG0 |
                       100
                                           •Scil_scict008540.1 | OG0 |
                                100
                                              •Gracom_Gcom_scaffold6602_01 | OG0 |
                                   82
               28
                                                 •Lcom_lcpid17327 | OG0 |
                                              Saldol_EP00054_Salpingoeca_dolichothecata_P011820 | OG0 |
                                                   •Mylflu_EP00047_Mylnosiga_fluctuans_P006705 | OG0 |
          100
                       100
                                                Salmac_EP00052_Salpingoeca_macrocollata_P014127 | OG0 |
                                  100
                                                 Salpun_EP00053_Salpingoeca_punica_P013933 | OG0 |
                          40
                                                  •Salkve_EP00050_Salpingoeca_kvevrii_P006459 | OG0 |
                            68
                                                    Salurc EP00051 Salpingoeca urceolata P011784 | OG0 |
                                                          -Helnan EP00037 Helgoeca nana P020425 | OG0 |
                              64
                                          100
                                                        Diagra_EP00040_Diaphanoeca_grandis_P001898 | OG0
                                                                        -Microa_EP00043_Microstomoeca_roanoka_P018221 | OG0 |
                                                                        •Sros_EGD77037 | OG0 |
                                         Horcal Hcv1.av93.c11.g496.i1 | OG0
                                       <sup>99</sup> Horcal_Hcv1.av93.c11.g496.i2 | OG0 |
                                              •Pbac_sb2650927 | OG0 |
                                              Pbac_sb2650928 | OG0
                                        100
                                           <sup>100</sup>Pbac_sb2663898 | OG0
                                            Drygla Dgla sb303265 | OG0 |
                                 100
                                          <sup>69</sup> Drygla_Dgla_sb303263 | OG0 |
                                       100
                                             Drygla_Dgla_sb303266 | OG0 |
                                          <sup>100</sup>Drygla_Dgla_sb303264 | OG0 |
                                             -Beraby_Baby_sb334791 | OG0 |
                                               -Bolinf_Binf_sb1202222 | OG0 |
                                                 Mlei_ML0969.g21.i1 | OG0 |
                                              100 Vmul_sbMO402644 | OG0
                                                •Coeast_Cast_sb751919 | OG0 |
                                             Tool-Coemet_Cmet_C602669_01 | OG0 |
                                               Vmul SimC377478 | OG0 |
                                             90<sup>1</sup>-Vmul_sbMO395400 | OG0 |
                                      Popea_EP00118_Oscarella_pearsei_P001993 | OG0 |
                                   100 Ocar g6086 OG0 |
                                   •Hsap_ENST00000343053 | OG0 |
                                     •Spur_XM_775981.5 | OG0 |
                          96
                             100
                                     •Skow_XM_002735341.1 | OG0 |
                                  Bralan BLAG08000813 1 | OG0 |
                       100
                                      Cscu_XM_023372438.1 | OG0 |
                 86
                                        •Tcas_TC003481_001 | OG0 |
                              100
                          89
                                        •Dpul_mRNA15647 | OG0 |
                                        •Acagra_model.g31661.t1 | OG0 |
                            99
                                 100
                                        •Cgig_XM_034445117.1 | OG0 |
                                             —•Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA189620 | O
                                       100 Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA172048 | OG0 |
                   95
                                        •Hvul_g14692_1 | OG0 |
                                         •Chem_TCONS_00017499 | OG0 |
                                       •Morvir_scaffold406.g4.t1 | OG0 |
                           100
                                       •Sanmal_Sma_021769-T1 | OG0 |
                               99
                                       <sub>|</sub>-Rhoesc_Res_015711-T1 | OG0 |
                                          Nemnom_g9311.t1 | OG0 |
                                       <sup>100</sup> Nemnom_g5320.t1 | OG0 |
                      100
                                    •Dgig XM 028539194.1 | OG0 |
                                     -Xesp_007407-T1 | OG0 |
                                    •Exapal_XM_021058064.2 | OG0 |
                                   •Nvec_v1g195244 | OG0 |
                                       -Spis_XP_022780865 1 | OG0 |
                                    <sup>100</sup> Pocdam XM 027196953.1 | OG0 |
                           100
                                      •Gasp_gasp1.m3.26545.m1 | OG0 |
                                    <sup>59</sup> Fspp ffun1.m4.11437.m1 | OG0 |
                                     Gfas_gfas1.m1.16265.m1 | OG0 |
                                       Adig_XM_015898410.1 | OG0 |
                                        Amil Amillepora00862-RA | OG0 |
                                       <sup>58</sup> Amil Amillepora00846-RA | OG0 |
0.416667
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