```
Xestes maker-XT scaffold2168-snap-gene-0.31-mRNA-1 | OG0 |
                     •Halamb_c52975_g1_i1mm.4911 | OG0 |
             100
                        -Aque_Aqu2.1.42070_001 | OG0 |
                100
                     <sup>1001</sup>Aque _Aqu2.1.01340_001 | OG0 |
        100
                    •Tetwil_g12525.t2 | OG0 |
                        -Spolac c110149 g1 i1 m.45540c110149-g1 | OG0 |
           100
                        -Emue_Em0004g24a.t1 | OG0 |
                  100
                        Spolac_c98972_g2_i2_m.18456c110149-g1 | OG0 |
                      <sup>100</sup> Spolac_c98972_g2_i5_m.18460c110149-g1 | OG0 |
 60
                                        Codhol EP00042 Codosiga hollandica P052134 | OG0 |
                                Codhol EP00042 Codosiga hollandica P052293 | OG0 |
                               Lcom Icpid195621 | OG0 |
                                          •Didcos_EP00039_Didymoeca_costata_P018846 | OG0 |
                                          Acaspe_EP00035_Acanthoeca_spectabilis_P035363 | OG0 |
                   100
                           99
                                          -Helnan EP00037 Helgoeca nana P017451 | OG0 |
                                               Diagra EP00040 Diaphanoeca grandis P033530 | OG0 |
                              100
                                           <sub>'</sub>Stedip_EP00041_Stephanoeca_diplocostata_P025140 | OG0 |
                                        <sup>100</sup> Stedip_EP00041_Stephanoeca_diplocostata_P025141 | OG0 |
                                        Saldol_EP00054_Salpingoeca_dolichothecata_P026434 | OG0 |
                          90
                                        Saldol_EP00054_Salpingoeca_dolichothecata_P014791 | OG0 |
                                        Salurc EP00051 Salpingoeca urceolata P027813 | OG0 |
                              100
                                        -Salkve_EP00050_Salpingoeca_kvevrii_P011888 | OG0 |
                                         -Mylflu_EP00047_Mylnosiga_fluctuans_P002051 | OG0 |
                            50
                                         100
                                          •Salpun EP00053_Salpingoeca_punica_P009452 | OG0 |
                          84
                                         Microa EP00043 Microstomoeca roanoka P025719 | OG0 |
                                   100
                                          Sros EGD74443 | OG0 |
                                            Salinf_EP00049_Salpingoeca_infusionum_P023452 | OG0 |
                              97
                                           Lcom_lcpid204761 | OG0 |
                                               •Mbre EDQ86912 | OG0 |
                                    83
                                                Chofle EP00730 Choanoeca flexa P019000 | OG0 |
                                                •Choper_EP00045_Choanoeca_perplexa_P009845 | OG0 |
                 -Plajan_Pjan_C571598_01 | OG1 |
      100
                 Opea_EP00118_Oscarella_pearsei_P009252 | OG1 |
                   Clacor Ccor C522579 01 | OG1 |
                        •Gracom Gcom scaffold17274 01 | OG1 |
            100
                             •Leuniv Lniv scaffold18718 01 | OG1 |
                           Lcom_lcpid20974 | OG1 |
                                              •Horcal_Hcv1.av93.c8.g183.i2 | OG2 |
                                           100 Pbac sb2638392 | OG2 |
                    Horcal Hcv1.av93.c13.g419.i1 | OG2 |
                  <sup>100</sup> -Pbac sb2669451 | OG2 |
      86
                        •Bolinf_Binf_sb1167647 | OG2 |
                          •Vmul_SimC406454 | OG2 |
               100
                            Coemet Cmet scaffold2816 01 | OG2 |
                               Coeast Cast sb791771 | OG2 |
                  74
                            <sup>100</sup> Coeast Cast sb791772 | OG2 |
                       -Mlei_ML0866.g5.i1 | OG2 |
                           <sub>'</sub>Beraby_Baby_sb339816 | OG2 |
                        <sup>1001</sup>Beraby_Baby_sb339817 | OG2 |
                           Drygla Dgla sb303629 | OG2 |
                             Drygla_Dgla_sb303627 | OG2 |
                           <sup>76</sup> Drygla_Dgla_sb303628 | OG2 |
                     <sub>•</sub>TrH2_TrispH2_004776-RA | OG2 |
                  <sup>1001</sup>Tadh TriadT54045 | OG2 |
                     +HoiH11 mRNA679 | OG2 |
               100
                           •HoiH23_PIH23_003889-RA | OG2 |
                  100
                        <sup>100</sup> HoiH06_mRNA4546 | OG2 |
                           <sub>e</sub>Hhon_g02836.t1 | OG2 |
                        100 HoiH04 mRNA15054 | OG2 |
                    Spur NM 214463.1 | OG2 |
             99
                    •Skow XM 006811904.1 | OG2 |
                     Bralan BLAG10000515 3 | OG2 |
                      Hsap_ENST00000302418 | OG2 |
                        •Hsap ENST00000435030 | OG2 |
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     80
                          Hsap ENST00000674619 | OG2 |
         65
                     •Lcom Icpid234606 | OG2 |
             63
                        •Lcom_lcpid188120 | OG2 |
                       Lcom_lcpid223513 | OG2 |
                           •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA174698 | OG2 |
                         Acagra model.g19669.t1 | OG2 |
             51
                          Cgig XM 034453314.1 | OG2 |
                         Cscu_XM_023364574.1 | OG2 |
                         Cscu XM 023377831.1 | OG2 |
       60
                  66
                           Tcas TC011608 001 | OG2 |
                           Dpul mRNA16411 | OG2 |
                      -Morvir_scaffold48.g20.t1 | OG2 |
                        Chem_TCONS_00064175 | OG2 |
                            •Aaur_scaffold586.g10.t3 | OG2 |
             100
                                                  •Hvul_g28323_1 | OG2 |
                           •Sanmal Sma 005732-T1 | OG2 |
                94
                        •Nemnom g12912.t1 | OG2 |
                    80 - Rhoesc_Res_005790-T1 | OG2 |
         100
                    <sub>|</sub>-Dgig_XM_028560608.1 | OG2 |
                 100 Xesp 009515-T1 | OG2 |
                       •Exapal XM 021037595.1 | OG2 |
            100
                       •Nvec_v1g227907 | OG2 |
                        •Fspp_ffun1.m4.15178.m1 | OG2 |
                          Gasp_gasp1.m3.5245.m1 | OG2 |
               100
                            Spis_XP_022795928 1 | OG2 |
                          <sup>100</sup>¹•Pocdam XM 027201951.1 | OG2 |
                  100
                          •Gfas_gfas1.m1.10967.m1 | OG2 |
                          •Amil_Amillepora29634-RA | OG2 |
                            <sub>_</sub>-Adig_XM_015893671.1 | OG2 |
                          <sup>64</sup>L-Adig XM _015920848.1 | OG2 |
0.416667
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