```
TrH2 TrispH2 007215-RA | OG0 |
                  <sup>100</sup><sup>1</sup>Tadh TriadT52645 | OG0 |
                       -HoiH23_PIH23_006941-RA | OG0 |
                    <sup>100</sup>1-HoiH06_mRNA8756 | OG0 |
                        •HoiH11 mRNA8002 | OG0 |
                        -Hhon g06022.t1 | OG0 |
                      84 HoiH04_mRNA8467 | OG0 |
   83
                            •Aque Aqu2.1.32218 001 | OG0 |
                            •Halamb_c43672_g1_i1m.16478 | OG0 |
                           Emue Em0019g254a.t1 | OG0 |
         100
                              -Spolac c103617 g1 i2 m.35205c103617-g1 | OG0 |
                           <sup>100</sup> Spolac_c103617_g1_i5_m.35206c103617-g1 | OG0 |
             99
                                  •Stycar maker-SC_scaffold117237-snap-gene-0.2-mRNA-1 | OG0 |
 46
                             •Tetwil_g13619.t1 | OG0 |
                 99
                           Tetwil g13620.t2 | OG0 |
                     •Mlei ML1288.g5.i1 | OG0 |
                        •Bolinf Binf sb1237778 | OG0 |
                         •Mlei_ML1658.g16.i1 | OG0 |
                        Beraby_Baby_sb345862 | OG0 |
               100
                     <sup>100</sup> Beraby_Baby_sb345863 | OG0 |
                             Drygla Dgla sb286412 | OG0 |
                          <sup>100</sup>-Drygla_Dgla_sb286413 | OG0 |
                 68
                             <sub>"</sub>Pbac_sb2665271 | OG0 |
                               Pbac_sb2637767 | OG0 |
                             621 Horcal Hcv1.av93.c12.g46.i1 | OG0 |
                            Lampan Lpan 6983 01 | OG0 |
                              Coemet Cmet scaffold7892 01 | OG0 |
                      81
                               rVmul_sbMO434922 | OG0 |
                            <sup>100</sup>1—•Vmul_sbMO434927 | OG0 |
                                -Coemet Cmet scaffold7889 01 | OG0 |
                          90
                                   Coeast Cast sb794264 | OG0 |
                                <sup>100</sup> Coeast_Cast_sb794265 | OG0 |
                     Clacor_Ccor_C536919_01 | OG1 |
                             Lcom_lcpid75596 | OG1 |
                               •Scil scict005543.1 | OG1 |
                                 Gracom Gcom C552242 01 | OG1 |
                       •Plajan Pjan C556481 01 | OG1 |
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                     •Plajan Pjan C559163_01 | OG1 |
                         Opea_EP00118_Oscarella_pearsei_P005873 | OG1 |
   37
          100
                      100 Ocar g485 | OG1 |
                  100
                          Ocar g6399 | OG1 |
                             <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P019066 | OG1 |
     62
                              •Plespi_Pspi_scaffold19808_01 | OG1 |
                            •Emue Em0019g253a.t1 | OG1 |
             97
                    100
                         Spolac c97784 g1_i1_m.15785c97784-g1 | OG1 |
               100
                               -Tetwil g13209.t1 | OG1 |
                  100
                           Stycar_augustus_masked-SC_scaffold25223-processed-gene-0.2-mRNA-1 | OG1 |
          100
                              •Xestes_maker-XT_scaffold37526-augustus-gene-0.3-mRNA-1 | OG1 |
                                 •Halamb c48227 g2 i1m.23797 | OG1 |
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                           Xestes snap masked-XT scaffold1557-processed-gene-0.3-mRNA-1 | OG1 |
                                •Aque Aqu2.1.32217 001 | OG1 |
                                    •Halamb_c34666_g1_i1m.8248 | OG1 |
                    Spur_XM_030999102.1 | OG1 |
                 100 Spur XM 030999203.1 | OG1 |
                           -Spur XM 003728057.3 | OG1 |
                           -Spur XM 011678833.2 | OG1 |
                      •Skow_XM_002732946.2 | OG1 |
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                     •Hsap_ENST00000309052 | OG1 |
                       •Bralan BLAG04000982 1 | OG1 |
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                100
                        Bralan BLAG08000368 1 | OG1 |
                                 -Tcas TC033310 001 | OG1 |
                                •Cgig_XM_011450177.3 | OG1 |
   62
                              -Acagra model.g17909.t1 | OG1 |
                   •Dgig XM 028540419.1 | OG1 |
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                   •Xesp 012522-T1 | OG1 |
                       •Hvul_g29271_1 | OG1 |
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                          •Chem_TCONS_00025286 | OG1 |
                        -Morvir scaffold88.g12.t1 | OG1 |
          99
                           •Hvul g21181 1 | OG1 |
     92
                         Sanmal Sma 026887-T1 | OG1 |
                        •Nemnom_g8809.t1 | OG1 |
                    <sup>100</sup><sup>1</sup>--Rhoesc_Res_001500-T1 | OG1 |
                        •Nvec v1g171672 | OG1 |
                      Exapal XM 021046258.2 | OG1 |
            98
                        •Exapal XM 021053170.2 | OG1 |
                       •Nvec_v1g207580 | OG1 |
                100
                    <sup>100</sup> Nvec_v1g226891 | OG1 |
                       Gfas_gfas1.m1.2170.m1 | OG1 |
          100
                        Amil Amillepora15147-RA | OG1 |
                     <sup>100</sup> Adig XM _015903407.1 | OG1 |
                           •Fspp_ffun1.m4.2560.m1 | OG1 |
               100
                                 •Pocdam_XM_027194382.1 | OG1 |
                            Fspp ffun1.m4.2559.m1 | OG1 |
                             Gasp gasp1.m3.4567.m1 | OG1 |
                                      -Gfas_gfas1.m1.2188.m1 | OG1 |
                             •Spis_XP_022804384_1 | OG1 |
                         <sup>100</sup>Ū-Pocdam_XM_027194371.1 | OG1 |
0.416667
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