```
TrH2 TrispH2 000340-RA | OG0 |
               <sup>100</sup><sup>-</sup>Tadh_TriadT30006 | OG0 |
                  •HoiH11_mRNA2703 | OG0 |
            100
                     •HoiH23_PIH23_000393-RA | OG0 |
                     HoiH06 mRNA6450 | OG0 |
                      Hhon g06962.t1 | OG0 |
                   62
                         •Vmul_Simscaffold2114_01 | OG0 |
                           •Coeast_Cast_sb786710 | OG0 |
                             Coemet_Cmet_C605452 01 | OG0 |
                           <sup>99</sup><sup>1</sup>-Coeast Cast_sb773389 | OG0 |
                         •Lampan_Lpan_6415_01 | OG0 |
                  100
                            •Beraby_Baby_sb328860 | OG0 |
                              <u>•</u>Drygla_Dgla_sb292246 | OG0 |
                                <u>-</u>Drygla_Dgla_sb292247 | OG0 |
                              <sup>78</sup> Drygla Dgla_sb292248 | OG0 |
                              -Mertsp Mesp sb559169 | OG0 |
                               <sub>[</sub>Beraby_Baby_sb347668 | OG0 |
                             <sup>61</sup> Beraby_Baby_sb328861 | OG0 |
                                -Mlei_ML0771.g1.i1 | OG0 |
                                   Bolinf Binf sb1246993 | OG0 |
                                   Mertsp_Mesp_sb565498 | OG0 |
                                                -Pbac_sb2640125 | OG0 |
                                 -Pbac sb2669393 | OG0 |
                                  <sup>77</sup>•Pbac sb2669394 | OG0 |
             •Spur_XM_030999111.1 | OG0 |
                •Skow_XM_006812140.1 | OG0 |
                  Bralan_BLAG04000262_1 | OG0 |
   94
                  •Hsap ENST00000298875 | OG0 |
                  Cscu XM 023371423.1 | OG0 |
                        -Tcas TC014506 001 | OG0 |
                          •Dpul mRNA26391 | OG0 |
                 Acagra model.g17681.t1 | OG0 |
                       •Ctel gnl WGS AMQN CAPTEDRAFT mRNA155355 | OG0 |
                    Cgig XM 034467751.1 | OG0 |
                           •Acagra_model.g17676.t1 | OG0 |
                      •Plajan_Pjan_C570828_01 | OG0 |
                        Opea EP00118 Oscarella pearsei P004174 | OG0 |
            100
                     100<sup>1</sup>-Ocar g1035 | OG0 |
 62
                         Clacor Ccor scaffold7676 01 | OG0 |
                       •Lcom_lcpid42060 | OG0 |
     65
             100
                          -Leuniv_Lniv_C813634_01 | OG0 |
                  100
                    100
                             Gracom_Gcom_C557786_01 | OG0 |
                             --Scil_scict024514.1 | OG0 |
       43
                  •Plespi Pspi C613336 01 | OG0 |
                     •Tetwil_g6151.t1 | OG0 |
          100
                      -Emue_Em0019g1177a.t1 | OG0 |
                   <sup>1001</sup>-Spolac_c102889_g1_i1_m.31479c102889-g1 | OG0 |
                       -Xestes maker-XT_scaffold3933-augustus-gene-0.24-mRNA-1 | OG0 |
                          •Aque Aqu2.1.40872 001 | OG0 |
   50
                        •Halamb_c42970_g1_i1m.15559 | OG0 |
                 Chem_TCONS_00066879 | OG0 |
                    •Hvul_g8481_1 | OG0 |
                      Chem TCONS 00066885 | OG0 |
       100
                 Morvir scaffold26.g43.t2 | OG0 |
                   •Sanmal_Sma_005415-T1 | OG0 |
           99
                    Aaur_scaffold71.g13.t1 | OG0 |
                      •Nemnom_g17764.t1 | OG0 |
                  <sup>100</sup><sup>1</sup>-Rhoesc_Res_005223-T1 | OG0 |
     89
                 •Dgig XM 028540523.1 | OG0 |
                 -Xesp 011755-T1 | OG0 |
                 Exapal_XM_021059951.2 | OG0 |
                  -Nvec_v1g89357 | OG0 |
       90
                 Gfas_gfas1.m1.2347.m1 | OG0 |
                   Amil_Amillepora31841-RA | OG0 |
                      Adig XM 015896175.1 | OG0 |
                    Gfas gfas1.m1.10186.m1 | OG0 |
                     •Fspp ffun1.m4.12396.m1 | OG0 |
                                             -Fspp_ffun1.m4.12390.m1 | OG0 |
                    Gasp_gasp1.m3.26294.m1 | OG0 |
                     <sup>e</sup>Spis_XP_022799400_1 | OG0 |
                   <sup>100</sup>¹-Pocdam_XM_027200945.1 | OG0 |
0.416667
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