```
·Xestes_maker-XT_scaffold4896-augustus-gene-0.37-mRNA-1 | OG0 |
                                  •Aque Aqu2.1.32109 001 | OG0 |
                                 Halamb c37078 g1 i1mm.473 | OG0 |
                100
                               •Tetwil_g17623.t2 | OG0 |
                            ·Stycar_snap_masked-SC_scaffold1907-processed-gene-0.2-mRNA-1 | OG0 |
                                  •Emue Em0021g248a.t1 | OG0 |
         100
                             <sup>100</sup><sup>1</sup>-Spolac_c99292_g1_i1_m.19270c99292-g1 | OG0 |
                          ·Stycar_maker-SC_scaffold140749-augustus-gene-0.3-mRNA-1 | OG0 |
                                 •Aque_Aqu2.1.32002_001 | OG0 |
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                                 •Halamb c52026 g1 i1m.31960 | OG0 |
                              •Tetwil g15800.t1 | OG0 |
                       92
                                   •Spolac_c94516_g1_i1_m.10183c104494-g1 | OG0 |
                                     •Spolac_c104494_g1_i2_m.40934c104494-g1 | OG0 |
                              99
                         93
                                 <sup>100</sup>└-Spolac_c104494_g1_i1_m.40931c104494-g1 | OG0 |
                            100
                                  Emue Em0011g995a.t1 | OG0 |
                                    Emue_Em0011g1001a.t1 | OG0 |
                              99
                                        •Emue_Em0011g1010a.t1 | OG0 |
                                     •Emue_Em0011g1009a.t1 | OG0 |
                                         _-Emue_Em0011g992a.t1 | OG0 |
                                       <sup>95</sup> Emue_Em0011g1003a.t1 | OG0 |
                   •Nvec_v1g168581 | OG0 |
        91
                  •Exapal_XM_021046420.2 | OG0 |
                  <sub>r</sub>•Adig_XM_015918121.1 | OG0 |
     100
                    Amil Amillepora06398-RA | OG0 |
               100
                  <sup>96</sup> Adig XM 015918122.1 | OG0 |
            100
                   •Gfas_gfas1.m1.1424.m1 | OG0 |
                      Fspp ffun1.m4.14734.m1 | OG0 |
                        Gasp_gasp1.m3.30224.m1 | OG0 |
                         •Spis_XP_022794023_1 | OG0 |
 95
                      <sup>100</sup><sup>1</sup>-Pocdam_XM_027204607.1 | OG0 |
                        •Xesp_015005-T1 | OG0 |
                      •Nvec_v1g106062 | OG0 |
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                      •Nvec_v1g106211 | OG0 |
          98
                             •Exapal XM 028656633.1 | OG0 |
   65
               100
                           •Nvec_v1g106104 | OG0 |
                  •Gfas_gfas1.m1.20328.m1 | OG0 |
       100
                      •Gasp_gasp1.m3.30226.m1 | OG0 |
              100
                       Fspp_ffun1.m4.21558.m1 | OG0 |
                 100
                    99
                          Gfas_gfas1.m1.1425.m1 | OG0 |
                          -Amil_Amillepora06399-RA | OG0 |
                           -Adig_XM_015918114.1 | OG0 |
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                           Spis_XP_022794036_1 | OG0 |
                           •Pocdam XM 027179837.1 | OG0 |
                           Fspp ffun1.m4.14735.m1 | OG0 |
                           •Gasp_gasp1.m3.30225.m1 | OG0 |
                                •Dpul_mRNA19352 | OG2 |
                       ·Cgig_XM_034473439.1 | OG2 |
         100
                              •Spur_XM_030987746.1 | OG2 |
               100
                               •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA226189 | OG2 |
                  83
                              •Acagra_model.g4403.t1 | OG2 |
                     100
                             •Acagra_model.g4404.t1 | OG2 |
                <sub>|</sub>-Nvec_v1g230851 | OG3 |
             <sup>100</sup> Nvec_v1g194898 | OG3 |
65
                •Gfas_gfas1.m1.18858.m1 | OG3 |
     100
                  <sub>r</sub>Adig_XM_015905200.1 | OG3 |
                      •Amil Amillepora05036-RA | OG3 |
         100
                  Fspp_ffun1.m4.13031.m1 | OG3 |
                 •Gasp_gasp1.m3.763.m1 | OG3 |
                 -Spis XP 022798906 1 | OG3 |
  93
              <sup>1001</sup>•Pocdam_XM_027200321.1 | OG3 |
               •Spur_XM_780780.5 | OG3 |
               Bralan_BLAG18000070_1 | OG3 |
                Hsap ENST00000008527 | OG3 |
    96
                  Hsap ENST00000443527 | OG3 |
                 Cgig_XM_011456825.3 | OG3 |
       97
                   •Acagra_model.g25645.t1 | OG3 |
                      Ctel gnl WGS AMQN CAPTEDRAFT mRNA178510 | OG3 |
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                  Cscu XM 023386415.1 | OG3 |
                     •Dpul mRNA9179 | OG3 |
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                     •Tcas_TC010454_001 | OG3 |
             Bralan BLAG10000392 1 | OG1 |
                •Bralan_BLAG18000072_1 | OG1 |
              •Nvec_v1g203127 | OG1 |
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              Exapal XM 021059408.2 | OG1 |
                        •Xesp 015804-T1 | OG1 |
     90
                Adig_XM_015903146.1 | OG1 |
99
       80
             <sup>100</sup>-Amil_Amillepora00156-RA | OG1 |
                 •Gfas gfas1.m1.4328.m1 | OG1 |
         98
                    Fspp ffun1.m4.31073.m1 | OG1 |
            97
                    Gasp gasp1.m3.1042.m1 | OG1 |
              96
  87
                    -Spis_XP_022808227_1 | OG1 |
                <sup>100</sup>-Pocdam_XM_027187917.1 | OG1 |
                •Spur XM 030997502.1 | OG1 |
                                -Horcal Hcv1.av93.c2.g829.i1 | OG1 |
                                •Lampan_Lpan_14604_01 | OG1 |
                                  •Mlei_ML0530.g4.i1 | OG1 |
                        95
    78
                                        -Drygla_Dgla_sb299915 | OG1 |
                                    Beraby Baby sb339147 | OG1 |
                                 <sup>100</sup> Beraby_Baby_sb339145 | OG1 |
      27
                   Cgig XM 011416394.3 | OG1 |
                    Acagra_model.g443.t1 | OG1 |
          31
                  <sup>1001</sup>Acagra_model.g443.t1.1.5d3b8234 | OG1 |
                     Dpul mRNA874 | OG1 |
                          Dpul mRNA26007 | OG1 |
        28
                100
                         Dpul mRNA14300 | OG1 |
                                          •Dpul_mRNA14296 | OG1 |
          42
                       •Nemnom_g4554.t1 | OG1 |
                  100 L
                      •Rhoesc Res 008527-T1 | OG1 |
                       Chem TCONS 00062708 | OG1 |
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                         •Coeast_Cast_sb751164 | OG1 |
                          -Coemet_Cmet_C600285_01 | OG1 |
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                        67 Coeast_Cast_sb773050 | OG1 |
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