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<sup>100</sup>Tadh TriadT19292 | OG0 |
 -HoiH11 mRNA1572 | OG0 |
     +HoiH23 PIH23 002250-RA | OG0 |
   <sup>94</sup>-HoiH06 mRNA3528 | OG0 |
                                                         Hhon g05701.t1 | OG0 |
      -HoiH04 mRNA3681 | OG0 |
     75 HoiH04 mRNA17465 | OG0 |
      Bralan BLAG01001080 1 | OG0
           Spur XM 030992853.1 | OG0
                 -Plespi Pspi scaffold16049 01 | OG0 |
                  -Spolac_c97586_g1_i1_m.15341c97586-g1 | OG0 |
                   -Stycar maker-SC scaffold4614-augustus-gene-0.42-mRNA-1 | OG0 |
40
                 •Tetwil g16912.t2 | OG0 |
       97
                     -Aque_Aqu2.1.20221_001 | OG0 |
                       -Halamb c50398 g1 i2mm.3475 | OG0 |
  49
             -Plajan Pjan C551223 01 | OG0 |
                 Opea EP00118 Oscarella pearsei P012447 | OG0 |
              100 Ocar g1439 | OG0 |
                                   Xestes augustus masked-XT scaffold192200-processed-gene-0.268-mRNA-1 | OG0 |

   -Xestes augustus masked-XT scaffold74227-processed-gene-0.0-mRNA-1 | OG0 |

       69
                                                   Xestes augustus masked-XT scaffold160033-processed-gene-0.0-mRNA-1 | OG0 |
                        90
                                                   •Xestes augustus masked-XT scaffold79761-processed-gene-0.1-mRNA-1 | OG0 |
                                                            -Stycar snap masked-SC scaffold16229-processed-gene-0.4-mRNA-1 | OG0 |
                     •Clacor Ccor scaffold6095 01 | OG0 |
                     -Gracom_Gcom_C550444_01 | OG0 |
                          Leuniv Lniv C800924 01 | OG0 |
                         -Scil scict011426.1 | OG0 |
                           -Lcom | lcpid108201 | OG0 |
                        100 Lcom | lcpid80251 | OG0 |
           •Skow XM 002733138.2 | OG0 |
               •Nvec v1g237765 | OG0 |
                •Exapal XM 021050479.2 | OG0 |
                 •Gfas gfas1.m1.1105.m1 | OG0 |
                 Adig XM 015908952.1 | OG0 |
               Amil Amillepora10153-RA | OG0 |
                 -Fspp ffun1.m4.588.m1 | OG0 |
                 -Gasp gasp1.m3.6137.m1 | OG0 |
                -Spis XP 022799991 1 | OG0 |
             <sup>100</sup> Pocdam XM 027181811.1 | OG0 |
                •Dgig XM 028543956.1 | OG0 |
         100
                  •Xesp 022332-T1 | OG0 |
                         •Hvul g7943 1 | OG0 |
                65
                                                                                                     -Xestes maker-XT scaffold189520-augustus-gene-0.623-mRNA-1 | OG0 |
                         -Morvir scaffold82.g14.t1 | OG0 |
                      Sanmal Sma 022969-T1 | OG0 |
                          -Aaur scaffold1714.g4.t1 | OG0 |
                     -Nemnom g1580.t1 | OG0 |
                   <sup>23</sup>L-Rhoesc Res 004064-T1 | OG0 |
                    •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA225838 | OG0 |
                       -Hsap ENST00000040663 | OG0 |
                      •Cgig XM 011456563.3 | OG0 |
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                     Acagra model.g22545.t1.1.5d3b8a97 | OG0 |
                                -Cscu XM 023356999.1 | OG0 |
                            •Cscu_XM_023384107.1 | OG0 |
                           •Tcas TC002054 001 | OG0 |
                            •Dpul mRNA29147 | OG0 |
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TrH2 TrispH2 006357-RA | OG0 |