```
TrH2 TrispH2 005523-RA | OG0 |
                                  Tadh TriadT61806 | OG0 |
                                 •HoiH23_PIH23_004629-RA | OG0 |
                        100
                              <sup>100</sup><sup>1</sup>-HoiH06_mRNA11320 | OG0 |
                                Hhon g03381.t1 | OG0 |
                              <sup>100</sup> HoiH04_mRNA8322 | OG0 |
                   Stycar_maker-SC_scaffold27897-snap-gene-0.7-mRNA-1 | OG0 |
 76
                           Emue_Em0011g541a.t1 | OG0 |
                                      <sub>'</sub>Spolac_c104730_g4_i1_m.42845c100720-g2 | OG0 |
                        100
                                        Spolac_c104730_g4_i2_m.42848c100720-g2 | OG0 |
                                      <sup>74]</sup>-Spolac_c104730_g4_i3_m.42853c100720-g2 | OG0 |
     100
                          •Plespi_Pspi_C609974_01 | OG0 |

    Xestes augustus masked-XT scaffold137503-processed-gene-0.0-mRNA-1 | OG0 |

                          •Aque_Aqu2.1.44169_001 | OG0 |
        84
                         •Halamb_c50357_g1_i1m.28153 | OG0 |
                       Stycar maker-SC scaffold145393-snap-gene-0.25-mRNA-1 | OG0 |
           98
                    100<sup>1</sup>-Stycar_augustus_masked-SC_scaffold52567-processed-gene-0.2-mRNA-1 | OG0 |
                          Tetwil g10690.t1 | OG0 |
             93
                         <sup>100</sup>-Spolac_c100720_g2_i2_m.23334c100720-g2 | OG0 |
                     Lcom Icpid70939 | OG0 |
                     Leuniv_Lniv_C804588_01 | OG0 |
              100
                        •Gracom_Gcom_C553768_01 | OG0 |
                 59
                         •Scil_scict007497.1 | OG0 |
                   •Plajan_Pjan_C564210_01 | OG0 |
                        Popea_EP00118_Oscarella_pearsei_P015097 | OG0 |
        100
                     100 Ocar_g7547 | OG0 |
                           •Eupdun_Edun_sb10620250 | OG0 |
     73
                                •Lampan_Lpan_15745_01 | OG0 |
                                      •Vmul sbMO394452 | OG0 |
                   100
                                       Coemet Cmet C597231 01 | OG0 |
                                    <sup>100</sup> Coeast_Cast_sb765630 | OG0 |
                                  Drygla_Dgla_sb297286 | OG0 |
                        76
                                     •Pbac_sb2666920 | OG0 |
                                  <sup>100</sup> Horcal_Hcv1.av93.c5.g786.i1 | OG0 |
                                     Bolinf_Binf_sb1235841 | OG0 |
                          93
                                  100 Mertsp Mesp sb573993 | OG0 |
                              100
                                     •Mertsp Mesp sb628974 | OG0 |
                                  •Mlei_ML0481.g28.i1 | OG0 |
                                    Mertsp_Mesp_sb568515 | OG0 |
   68
                                       Bolinf_Binf_sb1259847 | OG0 |
                                    <sup>100</sup>1•Bolinf_Binf_sb1259849 | OG0 |
                    •Hsap ENST00000412830 | OG0 |
                       Bralan_BLAG07001432_1 | OG0 |
                        Skow_XM_006823503.1 | OG0 |
       87
                           Spur_XM_030990643.1 | OG0 |
                         <sup>100</sup> Spur XM 030988483.1 | OG0 |
                                 •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA174087 | OG0 |
                           Cgig_XM_011456730.3 | OG0 |
                           •Acagra_model.g7008.t1 | OG0 |
            90
                             •Dpul mRNA19137 | OG0 |
                              •Cscu_XM_023371278.1 | OG0 |
                                     •Tcas_TC007893_001 | OG0 |
     66
                     •Dgig_XM_028553351.1 | OG0 |
                                     •Xesp_008727-T1 | OG0 |
                                          •Morvir_scaffold221.g11.t1 | OG0 |
                           •Hvul_g18937_1 | OG0 |
                         Sanmal Sma 017487-T1 | OG0 |
                            •Sanmal Sma_017485-T1 | OG0 |
                             •Aaur_scaffold128.g22.t1 | OG0 |
                            •Nemnom_g8549.t1 | OG0 |
                       -Rhoesc Res 002241-11 | OG0 |
                   •Exapal_XM_021052057.1 | OG0 |
                   •Nvec_v1g109727 | OG0 |
                               •Nvec_v1g223413 | OG0 |
                    Gfas_gfas1.m1.16992.m1 | OG0 |
                     Amil_Amillepora04737-RA | OG0 |
                   <sup>100</sup><sup>1</sup>-Adig_XM_015921297.1 | OG0 |
                     -Fspp_ffun1.m4.17070.m1 | OG0 |
                     -Gasp gasp1.m3.8027.m1 | OG0 |
                     •Spis XP 022786165 1 | OG0 |
                  100 Pocdam XM 027193073.1 OG0
0.416667
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