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    Xestes augustus masked-XT scaffold39675-processed-gene-0.2-mRNA-1 | OG0 |

                                                    Xestes_augustus_masked-XT_scaffold70187-processed-gene-0.0-mRNA-1 | OG0 |
                         Bolinf_Binf_sb1306878 | OG0 |
 95
                         •Lampan_Lpan_7011_01 | OG0 |
               100
                     Drygla Dgla sb304755 | OG0 |
                       _Drygla_Dgla_sb304754 | OG0 |
     93
                     <sup>73</sup> Drygla_Dgla_sb304756 | OG0 |
                       -Lampan_Lpan_C394707_01 | OG0 |
                        Bolinf Binf sb1272792 | OG0 |
                     <sup>100</sup> Mertsp_Mesp_sb595134 | OG0 |
        78
                          -Vmul_SimC387062 | OG0 |
               95
                     100 Coemet_Cmet_C577322_01 | OG0 |
                            •Mlei_ML2931.g8.i1 | OG0 |
                 63
                           •Drygla_Dgla_sb275487 | OG0 |
                          Mertsp Mesp sb526598 | OG0
            94
                       <sup>100</sup> Beraby_Baby_sb329257 | OG0 |
                            Drygla_Dgla_sb279380 | OG0
                         <sup>100</sup> Drygla_Dgla_sb279381 | OG0
                             Bolinf_Binf_sb1264033 | OG0
                  100
                          100 Bolinf_Binf_sb1264034 | OG0
                                  Bolinf_Binf_sb1229241 | OG0 |
                     98
                               <sup>100</sup> Mertsp_Mesp_sb571985 | OG0 |
                                -Vmul_Simscaffold4697_01 | OG0 |
                       97
                            <sup>100</sup> -Vmul_Simscaffold4698_01 | OG0 |
                               <sub>•</sub>Coeast_Cast_sb796041 | OG0 |
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              •Cscu XM 023365205.1 | OG1 |
                 •Cgig_XM_011420540.3 | OG1 |
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                          •Cgig_XM_011453540.3 | OG1 |
                   •Spur XM 001197762.4 | OG1 |
                          Opea EP00118 Oscarella pearsei P025564 | OG1 |
       83
                       <sup>100</sup> Ocar_g9612 | OG1 |
                       <sub>]</sub>TrH2_TrispH2_009187-RA | OG1 |
              84
                    <sup>1001</sup>Tadh TriadT64314 | OG1 |
          41
                         -HoiH11_mRNA8429 | OG1 |
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                        <sub>f</sub>HoiH23_PIH23_005121-RA | OG1 |
                          HoiH06 mRNA14677 | OG1 |
                             Hhon_g01090.t1 | OG1 |
                           <sup>100</sup>1•HoiH04_mRNA6444 | OG1 |
                        •Bralan BLAG16000767 1 | OG1 |
                      •Skow_XM_002732536.2 | OG1 |
                       -Scil_scict002607.1 | OG1 |
                         Lcom_lcpid6341 | OG1 |
              56
                          Gracom_Gcom_scaffold3531_01 | OG1 |
                        18
                                                         -Gfas_gfas1.m1.2055.m1 | OG1 |
                                                            Amil_Amillepora26066-RA | OG1 |
                                                         <sup>100</sup> Adig_XM_015924641.1 | OG1 |
                                                    100
                                                           •Gasp_gasp1.m3.9323.m1 | OG1 |
                                                                    --Nvec_v1g243274 | OG1 |
                                                              <sup>100</sup>Ū--Exapal_XM_021062135.2 | OG1 |
                                                             Fspp_ffun1.m4.14061.m1 | OG1 |
                                                               <sub>_</sub>*Spis_XP_022798574_1 | OG1 |
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                                                •Mlei ML0998.g7.i1 | OG1 |
                                          Horcal_Hcv1.av93.c3.g942.i1 | OG1 |
                                        <sup>62]</sup>•Pbac_sb2655268 | OG1 |
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                         Emue Em0009g1011a.t1 | OG1 |
                         Emue Em0009g1010a.t1 | OG1 |
                      <sup>100</sup>-Emue_Em0009g1013a.t1 | OG1 |
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                      •Tetwil_g2657.t1 | OG1 |
                      •Stycar_maker-SC_scaffold79193-snap-gene-0.3-mRNA-1 | OG1 |
                         •Aque Aqu2.1.42779 001 | OG1 |
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                      <sup>97</sup> Halamb_c20965_g1_i1m.3792 | OG1 |
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                             -Rhoesc Res 014556-T1 | OG1 |
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                                 --Nemnom g9219.t1 | OG1 |
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             94
                            <sup>100</sup><sup>1</sup>•Nemnom_g15041.t1 | OG1 |
                       96
                                   -Aaur_scaffold608.g2.t1 | OG1 |
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                 92
                                          •Nemnom g4377.t1 | OG1 |
                              Chem TCONS 00018379 | OG1 |
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                               -Chem TCONS 00001310 | OG1 |
                        99
                           100 Chem_TCONS_00010977 | OG1 |
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                                       •Coemet_Cmet_scaffold17065 01 | OG1 |
                                                 -Hvul g5451 1 | OG1 |
                                  <sup>100</sup><sup>1</sup>-Hvul_g28962_1 | OG1 |
                                        •Hvul_g28963_1 | OG1 |
                                                      -Hvul_g5452_1 | OG1 |
0.416667
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•Dpul_mRNA9712 | OG0 |