```
•Spur XM 030981674.1 | OG0 |
               Bralan BLAG02001166 1 | OG0 |
     96
                  •Skow XM 006823898.1 | OG0 |
              Cgig XM 034472803.1 | OG0 |
   93
                     •Ctel gnl WGS AMQN CAPTEDRAFT mRNA229193 | OG0 |
                          •Acagra model.g17120.t1 | OG0 |
     96
              100
                                   -Acagra model.g22173.t1 | OG0 |
       87
                      •Acagra_model.g21861.t1 | OG0 |
                         •Cscu_XM_023381384.1 | OG0 |
                   <sup>100</sup>1-Cscu XM 023381399.1 | OG0 |
 49
                            -Tcas TC003450 001 | OG0 |
                          Lcom_lcpid159338 | OG0 |
                          •Dpul_mRNA15485 | OG0 |
            -Dgig_XM_028546269.1 | OG0 |
             •Xesp 014837-T1 | OG0 |
               Exapal XM 021047960.2 | OG0 |
                 •Nvec_v1g204006 | OG0 |
   89
                   •Nvec NVE1510 | OG0 |
               Fspp_ffun1.m2b.18149.m1 | OG0 |
     97
                 Spis XP 022808569 1 | OG0 |
                  -Fspp ffun1.m4.14855.m1 | OG0 |
                   -Gasp_gasp1.m3.20598.m1 | OG0 |
        100
               Gfas gfas1.m1.14886.m1 | OG0 |
                Adig_XM_015895820.1 | OG0 |
                  Amil Amillepora15046-RA | OG0 |
                <sup>87</sup> Adig_XM_015895819.1 | OG0 |
          •Morvir scaffold68.g66.t1 | OG1 |
                   •Hvul_g9717_1 | OG1 |
                   rChem_TCONS_00026748 | OG1 |
         100
                 <sup>1001</sup>Chem TCONS 00056105 | OG1 |
     50
                  Sanmal Sma 015840-T1 | OG1 |
                  •Aaur_scaffold748.g8.t2 | OG1 |
                    •Nemnom_g5546.t1 | OG1 |
           100
              <sup>100</sup><sup>1</sup>-Rhoesc_Res_007886-T1 | OG1 |
                     Opea EP00118_Oscarella_pearsei_P004583 | OG1 |
           100
                     •Plajan_Pjan_C565510_01 | OG1 |
                       -HoiH11 mRNA3113 | OG1 |
   33
        98
                            TrH2_TrispH2_009190-RA | OG1 |
                    100
                         <sup>100</sup><sup>1</sup>Tadh TriadT63413 | OG1 |
                             HoiH23 PIH23 005118-RA | OG1 |
                           <sup>95</sup>]•HoiH06 mRNA2383 | OG1 |
                             Hhon g01093.t1 | OG1 |
                           <sup>98</sup> HoiH04 mRNA4788 | OG1 |
      93
                                                      •Gasp_gasp1.m3.20600.m1 | OG1 |
                          Clacor Ccor scaffold13683 01 | OG1 |
                           Leuniv Lniv scaffold18044 01 | OG1 |
                              •Scil scict000104.1 | OG1 |
                   100
                                •Gracom_Gcom_scaffold11286_01 | OG1 |
                              •Lcom_lcpid76455 | OG1 |
                      •Plespi Pspi scaffold10986 01 | OG1 |
                           •Tetwil g20404.t1 | OG1 |
                             Stycar_maker-SC_scaffold7291-augustus-gene-0.4-mRNA-1 | OG1 |
          100
                                 Stycar_maker-SC_scaffold81711-augustus-gene-0.15-mRNA-1 | OG1 |
                       100
                             <sup>1001</sup>-Stycar_maker-SC_scaffold124488-augustus-gene-0.14-mRNA-1 | OG1 |

    Xestes augustus masked-XT scaffold3976-processed-gene-0.4-mRNA-1 | OG1 |

             86
                                •Halamb_c51007_g1_i1mm.3735 | OG1 |
                      100
                                   Aque Aqu2.1.31840 001 | OG1 |
                                <sup>1001</sup>•Aque_Aqu2.1.14231_001 | OG1 |
                71
                                •Emue_Em0016g273a.t1 | OG1 |
                              Spolac_c103686_g1_i2_m.35569c103686-g1 | OG1 |
                                •Spolac c103686 g1 i1 m.35568c103686-g1 | OG1 |
                        100
                                  •Spolac_c103686_g1_i5_m.35573c103686-g1 | OG1 |
                                •Spolac_c103686_g1_i3_m.35571c103686-g1 | OG1 |
                             <sup>100</sup> Spolac_c103686_g1_i4_m.35572c103686-g1 | OG1 |
0.416667
```