```
| Sanmal_Sma_025365-T1 | OG0
           •Aaur_scaffold172.g9.t1 | OG0 |
 36
                              -Hvul_g30198_1 | OG0 |
   19
          •Aaur_scaffold172.g10.t1 | OG0 |
         •Rhoesc_Res_010748-T1 | OG0 |
     97
          -Nemnom_g15932.t1 | OG0 |
          •Hvul_g30194_1 | OG1 |
    100
         •Chem_TCONS_00009362 | OG1 |
          -Bralan_BLAG07001362_1 | OG1 |
             Skow_XM_002739576.2 | OG1 |
                Cscu XM 023366209.1 | OG1 |
                  •Tcas_TC009261_001 | OG1 |
 36
                  •Hsap_ENST00000305885 | OG1 |
       40
                   •Xestes_maker-XT_scaffold23255-augustus-gene-0.11-mRNA-1 | OG1 |
         61
                     •Aque_Aqu2.1.44077_001 | OG1 |
                       •Plespi Pspi scaffold15933 01 | OG1 |
            95
   57
                        •Tetwil g19116.t1 | OG1 |
                        Stycar_maker-SC_scaffold7007-snap-gene-0.38-mRNA-1 | OG1 |
                       •Emue_Em0018g283a.t1 | OG1 |
                        -Spolac_c100178_g1_i1_m.21719c100178-g1 | OG1 |
                           •Spolac_c100178_g1_i2_m.21720c100178-g1 | OG1 |
                                       -Tetwil_g19115.t1 | OG1 |
                •Cgig_XM_011420664.3 | OG1 |
                <sub>!</sub>Acagra_model.g28781.t1_model.g28779.t1 | OG1 |
             <sup>100</sup> -Acagra_model.g28781.t1_model.g28779.t1.1.5d401131 | OG1 |
                    ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA21886 | OG1 |
                       •Dpul_mRNA4743 | OG1 |
                    •Dgig XM 028536205.1 | OG1 |
                     •Xesp_005672-T1 | OG1 |
                     Exapal XM 021056378.2 | OG1 |
                     Nvec v1g201054 | OG1 |
                         •Nvec_v1g152036 | OG1 |
                        •Adig_XM_015919043.1 | OG1 |
       10
                          Gfas_gfas1.m1.20086.m1 | OG1 |
             30
                             •Gasp_gasp1.m3.30629.m1 | OG1 |
                         Fspp_ffun1.m4.8877.m1 | OG1 |
                            •Spis_XP_022801961_1 | OG1 |
                        <sup>100</sup><sup>-</sup>-Pocdam XM 027191758.1 | OG1 |
                46
                            <sub>"</sub>TrH2_TrispH2_001514-RA | OG1 |
                         100 Tadh TriadT24563 | OG1 |
                            •HoiH11 mRNA8154 | OG1 |
                      100
                               •HoiH23_PIH23_005708-RA | OG1 |
         30
                             <sup>941</sup>•HoiH06_mRNA2090 | OG1 |
                                <sub>•</sub>Hhon_g02547.t1 | OG1 |
                             <sup>100</sup> HoiH04_mRNA10641 | OG1 |
                      •Morvir_scaffold77.g69.t1 | OG1 |
                         •Plajan_Pjan_C562776_01 | OG1 |
                        Opea_EP00118_Oscarella_pearsei_P007479 | OG1 |
                  99
                           Opea_EP00118_Oscarella_pearsei_P007480 | OG1 |
                                    •Amil_Amillepora27542-RA | OG1 |
                          Lcom | lcpid40538 | OG1 |
                            •Gracom_Gcom_scaffold15161_01 | OG1 |
                              •Leuniv_Lniv_scaffold24128_01 | OG1 |
                      •Spur_XM_030975875.1 | OG1 |
                          •Pbac_sb2651446 | OG1 |
                             Pbac sb2651445 | OG1 |
              98
                          •Mlei_ML1043.g26.i1 | OG1 |
                   100
                              •Bolinf_Binf_sb1194705 | OG1 |
                               Drygla Dgla sb294984 | OG1 |
                      96
                             <sup>100]</sup>•Drygla Dgla sb294986 | OG1 |
                                 3eraby_Baby_sb336486 | OG1 |
                        28
                                  Bolinf_Binf_sb1216864 | OG1 |
                                    Mertsp_Mesp_sb570373 | OG1 |
                                      Bolinf_Binf_sb1216863 | OG1 |
                                    <sup>77</sup> Mertsp Mesp sb570372 | OG1 |
                                   Lampan Lpan 12770 01 | OG1 |
                                      Vmul_Simscaffold12274_01 | OG1 |
                                        Coeast Cast sb797107 | OG1 |
                                          Coemet_Cmet_scaffold21280_01 | OG1 |
                                       <sup>78</sup> Coeast Cast sb797106 | OG1 |
0.416667
```