```
Gasp_gasp1.m3.31843.m1 | OG0 |
       •Fspp_ffun1.m4.12338.m1 | OG0 |
         •Spis XP 022790645 1 | OG0 |
      <sup>100</sup><sup>1</sup>-Pocdam_XM_027198103.1 | OG0 |
68
             •Lcom Icpid167589 | OG0 |
                  •Lcom | lcpid149044 | OG0 |
   88
                        -Plajan_Pjan_scaffold22935_01 | OG0 |
     90
                      •Lcom_lcpid137746 | OG0 |
                        •Plespi_Pspi_C586816_01 | OG0 |
                               Lcom lcpid144882 | OG0 |
          •Plespi Pspi scaffold11134 01 | OG1 |
        •Gfas_gfas1.m1.13549.m1 | OG1 |
         Amil_Amillepora25014-RA | OG1 |
    99
      1001-Adig_XM_015899503.1 | OG1 |
        •Exapal_XM_021059009.2 | OG1 |
         •Nvec v1g170199 | OG1 |
                -Sanmal_Sma_019074-T1 | OG1 |
                    •Nemnom_g7783.t1 | OG1 |
         100
68
               <sup>100</sup>1-Rhoesc_Res_007069-T1 | OG1 |
                 Dgig_XM_028540607.1 | OG1 |
                 •Xesp 004957-T1 | OG1 |
                 •Dgig_XM_028540703.1 | OG1 |
        65
                         -Lcom_lcpid140662 | OG1 |
          88
                         Opea_EP00118_Oscarella_pearsei_P024638 | OG1 |
  66
                           •Ocar g2878 | OG1 |
                           POpea EP00118 Oscarella pearsei P027917 | OG1 |
                        100 Ocar_g649 | OG1 |
              <sub>r</sub>Spolac_c95205_g1_i1_m.11125c95205-g1 | OG1 |
               Emue_Em0015g110a.t1 | OG1 |
             76 Spolac c95205_g2_i1_m.11126c95205-g2 | OG1 |
                •Bralan BLAG01001341 1 | OG1 |
        64
                    <sub>"</sub>HoiH23_PIH23_000610-RA|OG1|
                         TrH2_TrispH2_006863-RA | OG1 |
                 100
                      <sup>100</sup><sup>1</sup>Tadh_TriadT50649 | OG1 |
    57
                          •HoiH11 mRNA4252 | OG1 |
                          <sub>-</sub>-HoiH04 mRNA1726 | OG1 |
                        96 -HoiH06_mRNA13848 | OG1 |
                    •Skow_XM_006821045.1 | OG1 |
                          -Hsap ENST00000448750 | OG1 |
                           •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA21290 | OG1 |
                            •Lcom lcpid96394 | OG1 |
               10
                               •Clacor_Ccor_C529659_01 | OG1 |
                               •Cgig_XM_011428558.3 | OG1 |
                             Cscu_XM_023374255.1 | OG1 |
                 14
                          <sup>100</sup>1—Cscu XM_023358557.1 | OG1 |
                           •Tcas TC012793 001 | OG1 |
                           -Dpul_mRNA20187 | OG1 |
      39
                        Clacor_Ccor_C537495_01 | OG1 |
                             •Lcom_lcpid94959 | OG1 |
                                 Scil scict012068.1 | OG1 |
                                  Gracom Gcom scaffold10636 01 | OG1 |
                               Leuniv_Lniv_scaffold18988_01 | OG1 |
                                  •Scil_scict000467.1 | OG1 |
                                         •Leuniv_Lniv_C800846_01 | OG1 |
                     •Aque_Aqu2.1.26010_001 | OG1 |
                  •Aque Aqu2.1.34374 001 | OG1 |
                      -Xestes_snap_masked-XT_scaffold144978-processed-gene-0.2-mRNA-1 | OG1 |
          75
                     <sub>!</sub>Halamb_c43003_g1_i1m.15593 | OG1 |
                   <sup>991</sup>•Halamb_c44916_g2_i2m.18181 | OG1 |
             60
                    •Tetwil_g20136.t1 | OG1 |
                              -Tetwil g1217.t1 | OG1 |
                    Stycar_maker-SC_scaffold3862-snap-gene-0.22-mRNA-1 | OG1 |
                                       -Leuniv_Lniv_scaffold15803_01 | OG1 |
        62
                    Spur_XM_011678073.2 | OG1 |
                     Acagra model.g14135.t1 | OG1 |
                        •Morvir scaffold286.g5.t1 | OG1 |
                        •Chem TCONS 00003662 | OG1 |
                       •Hvul_g33806_1 | OG1 |
                   <sup>68</sup><sup>1</sup>-Halamb_c61753_g1_i1m.45508 | OG1 |
          68
                       -Lampan Lpan C405685 01 | OG1 |
                           Bolinf Binf sb1264373 | OG1 |
                        <sup>100</sup> Mertsp Mesp_sb576652 | OG1 |
                           "Eupdun_Edun_sb10633468 | OG1 |
                         <sup>1001</sup>•Eupdun_Edun_sb10633469 | OG1 |
                  90
                         Pbac sb2645630 | OG1 |
                      <sup>1001</sup>Horcal Hcv1.av93.c5.g729.i1 | OG1 |
                             Coemet Cmet scaffold15114 01 | OG1 |
                                Coeast_Cast_sb792656 | OG1 |
                                   •Coeast Cast sb792657 | OG1 |
                             100
               100
                                <sup>75</sup>-Coeast Cast_sb792658 | OG1 |
                       Drygla_Dgla_sb290422 | OG1 |
                         Drygla_Dgla_sb290423 | OG1 |
                    100
                       99 -Drygla_Dgla_sb290424 | OG1 |
                           Mlei ML2002.g65.i1 | OG1 |
                        <sup>100</sup> Vmul sbMO385038 | OG1 |
                  88
                           Bolinf_Binf_sb1251331 | OG1 |
                      98
                               100
                                 -Mertsp_Mesp_sb579697 | OG1 |
                                    Mertsp Mesp sb579699 | OG1 |
                                 <sup>1001</sup>Mertsp Mesp_sb579700 | OG1 |
                             Beraby_Baby_sb336650 | OG1 |
                           <sup>941</sup>-Beraby_Baby_sb336653 | OG1 |
                             rVmul_sbMO393321 | OG1 |
                        100
                                Beraby_Baby_sb336652 | OG1 |
                                  Mertsp Mesp sb551058 | OG1 |
                                  Drygla_Dgla_sb287078 | OG1 |
```

0.416667