```
•Pbac sb2648446 | OG1 |
--Pbac_sb2664293 | OG2 |
  Pbac_sb2666821 | OG3 |
    Horcal_Hcv1.av93.c4.g262.i2 | OG4 |
      •Pbac_sb2669480 | OG5 |
          •Pbac sb2654090 | OG0 |
           -Horcal_Hcv1.av93.c4.g262.i1 | OG0 |
                 -Mlei ML1320.g20.i1 | OG0 |
                  -Beraby_Baby_sb328272 | OG0 |
      46
                    -Lampan Lpan 12847 01 | OG0 |
                   781-Mertsp_Mesp_sb619040 | OG0 |
                  -Drygla_Dgla_sb293632 | OG0 |
                   Prygla_Dgla_sb293630 | OG0 |
                     Drygla_Dgla_sb293629 | OG0 |
                    98 - Drygla_Dgla_sb293631 | OG0 |
                  Vmul sbMO459417 | OG0 |
                      Coeast_Cast_sb795310 | OG0 |
                        Coeast_Cast_sb795311 | OG0
               100
                         Coeast Cast sb795312 | OG0 |
                        54 Coeast_Cast_sb795316 | OG0
                          941Coeast_Cast_sb795317 | OG0 |
                      Coemet_Cmet_scaffold1428_01 | OG0 |
                        Coemet_Cmet_scaffold1429_01 | OG0 |
                          Coeast_Cast_sb795313 | OG0 |
                            Coeast_Cast_sb795315 | OG0
                              rCoeast_Cast_sb795318 | OG0 |
                                Coeast_Cast_sb795322 | OG0 |
                              941 Coeast Cast sb795321 | OG0 |
                   Eupdun_Edun_sb10630642 | OG0 |
                    Eupdun_Edun_sb10630644 | OG0 |
                   81 Eupdun_Edun_sb10630648 | OG0 |
                     <sup>28</sup>L-Eupdun_Edun_sb10630646 | OG0 |
                               •HoiH04_mRNA3743 | OG0 |
                            <sup>79</sup> Hhon_g09213.t1 | OG0 |
                                  <sub>_</sub>Tadh_TriadT64000 | OG0 |
                               <sup>100</sup>TrH2_TrispH2_005085-RA | OG0 |
                                *HoiH06 mRNA12490 | OG0 |
               50
                                  <sub>r</sub>HoiH23_PIH23_001377-RA | OG0 |
                                 85 - HoiH11_mRNA3231 | OG0 |
                                 <sub>l</sub>•Ocar_g8005 | OG0 |
                              <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P005444 | OG0 |
                                 •Clacor Ccor scaffold4982 01 | OG0 |
                                   ⊢•Lcom_lcpid59577 | OG0 |
                             100
                                100 Gracom_Gcom_scaffold11789_01 | OG0 |
                                   89 Scil_scict002726.1 | OG0 |
                    88
                                     88 Leuniv_Lniv_C803950_01 | OG0 |
                                   Stycar_maker-SC_scaffold4892-augustus-gene-0.10-mRNA-1 | OG0 |
                                       rTetwil_g25221.t2 | OG0 |
                                                 •Lcom_lcpid163403 | OG0 |
                                      •Spolac_c104148_g1_i1_m.38457c104148-g1 | OG0 |
                                         -Xestes_maker-XT_scaffold4676-snap-gene-0.27-mRNA-1 | OG0 |
                                          -Aque_Aqu2.1.18863_001 | OG0 |
                                            _Halamb_c12599_g1_i1m.2048 | OG0 |
                                          931-Halamb_c22069_g1_i1m.3959 | OG0 |
                      88
                                 •Spur_XM_774810.5 | OG0 |
                                      -Lcom_lcpid184660 | OG0 |
                                   Lcom_lcpid128044 | OG0 |
                           60
                                •Hsap_ENST00000411763 | OG0 |
                                   Bralan_BLAG11000701_1 | OG0 |
                            52
                                      Cscu XM 023353962.1 | OG0 |
                                       -Dpul mRNA21708 | OG0 |
                                     99 Tcas TC011923 001 | OG0
                                      •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA168189 | OG0 |
                                       -Acagra_model.g30555.t1.1.5d3b8d08 | OG0 |
                                        ~Cgig_XM_011453509.3 | OG0 |
                                          -Lcom_lcpid88818 | OG0 |
                         49
                                                     Lcom_lcpid198604 | OG0 |
                                 •Morvir scaffold23.g41.t2 | OG0 |
                                          -Chem_TCONS_00002816 | OG0 |
                                     <sub>_</sub>-Hvul_g21590_1 | OG0 |
                            99
                                 91
                                   881-Chem_TCONS_00002819 | OG0 |
                               96
                                       Morvir scaffold807.g1.t1 | OG0 |
                                     -Sanmal_Sma_020409-T1 | OG0
                                        -Sanmal Sma 020411-T1 | OG0 |
                                     34 Nemnom_g6303.t1 | OG0 |
                                       95 Rhoesc Res 010390-T1 | OG0 |
                                  *Xesp_013347-T1 | OG0 |
                                100 Dgig XM 028538396.1 OG0 L
                                     -Nvec_v1g102934 | OG0 |
                             100
                                  <sup>[99]</sup>•Exapal_XM_021062107.1 | OG0 |
                                        •Gfas_gfas1.m1.21216.m1 | OG0 |
                                100
                                          rAdig_XM_015924150.1 | OG0 |
                                       100 Amil_Amillepora32202-RA | OG0 |
                                       Fspp_ffun1.m4.32872.m1 | OG0 |
                                         Gasp_gasp1.m3.22689.m1 | OG0 |
                                       97 Pocdam_XM_027195667.1 | OG0 |
                                          <sup>99</sup> Spis XP 022783411_1 | OG0 |
```

0.416667