```
Lampan Lpan 7847 01 | OG0 |
                    Vmul_Simscaffold5372_01 | OG0 |
         99
                   rCoemet_Cmet_C598329_01 | OG0 |
             100
                <sup>100</sup><sup>1</sup>-Coeast_Cast_sb790406 | OG0 |
                *Bolinf Binf sb1212331 | OG0 |
       96
             <sup>100</sup> Mertsp_Mesp_sb563067 | OG0 |
                   Beraby_Baby_sb343963 | OG0 |
                      •Coeast_Cast_sb756091 | OG0 |
         98
                          •Pbac_sb2668122 | OG0 |
                  100
                       <sup>991</sup>-Pbac_sb2661681 | OG0 |
                         Horcal Hcv1.av93.c11.g459.i1 | OG0 |
                       <sup>59</sup> -Pbac sb2668121 | OG0 |
                      •Drygla_Dgla_sb292944 | OG0 |
                   <sup>100</sup> Drygla_Dgla_sb292943 | OG0 |
    100
                     Mlei ML0007.g2.i1 | OG0 |
                  <sup>100</sup> Vmul sbMO421673 | OG0 |
                      •Bolinf_Binf_sb1256631 | OG0 |
                        •Bolinf_Binf_sb1256633 | OG0 |
                   100
                          Mertsp_Mesp_sb547346 | OG0 |
                        <sup>381</sup>Bolinf_Binf_sb1256632 | OG0 |
              •Eupdun Edun sb10646753 | OG0 |
                  •Vmul_sbMO456107 | OG0 |
                      •Vmul_Simscaffold9858_01 | OG0 |
       99
           100
                   Coemet_Cmet_scaffold44_01 | OG0 |
               1001-Coeast Cast_sb791987 | OG0 |
                 •Lampan Lpan 3378 01 | OG0 |
         99
                    •Mertsp_Mesp_sb549880 | OG0 |
                     Bolinf Binf sb1228954 | OG0 |
           97
                   63 | Mertsp_Mesp_sb549879 | OG0 |
                         •Coeast_Cast_sb756687 | OG0 |
                          Horcal Hcv1.av93.c11.g825.i1 | OG0 |
                     100
              98
                                Pbac sb2668241 | OG0 |
                                   -Pbac_sb2659355 | OG0 |
                            •Drygla_Dgla_sb296186 | OG0 |
                100
                           Beraby Baby sb343537 | OG0 |
                             Mertsp Mesp sb539832 | OG0 |
                           <sup>75]</sup>-Bolinf_Binf_sb1185411 | OG0 |
                              •Vmul_sbMO441604 | OG0 |
                               <sub>f</sub>Mlei_ML3342.g4.i1 | OG0 |
                         100
                            <sup>100</sup> Vmul_sbMO441613 | OG0 |
                      100
                               •Bolinf Binf sb1256626 | OG0 |
                              Bolinf_Binf_sb1256625 | OG0 |
                         100
                                Bolinf_Binf_sb1256629 | OG0 |
                                  Mertsp_Mesp_sb582559 | OG0 |
                                <sup>991</sup>-Mertsp_Mesp_sb582562 | OG0 |
                           •Clacor Ccor scaffold6213 01 | OG0 |
                           •Clacor_Ccor_scaffold6214_01 | OG0 |
                   Clacor_Ccor_C534865_01 | OG0 |
       89
                      com_lcpid102095 | OG0 |
           100
                     Gracom_Gcom_C539198_01 | OG0 |
         46
                   .com | lcpid82304 | OG0 |
                      .com_lcpid190141 | OG0 |
                     -Leuniv_Lniv_scaffold24700_01 | OG0 |
                          •Gracom_Gcom_C545940_01 | OG0 |
                         Lcom | lcpid126337 | OG0 |
                   Opea EP00118 Oscarella_pearsei_P002041 | OG0 |
           100
                 •Plajan Pjan C557403 01 | OG0 |
                      •Plespi_Pspi_scaffold16125_01 | OG0 |
         80
                      •Tetwil_g18759.t1 | OG0 |
    100
                       •Stycar_maker-SC_scaffold4630-snap-gene-0.8-mRNA-1 | OG0 |
           98
                         -Emue_Em0020g1100a.t1 | OG0 |
                      <sup>100</sup><sup>_</sup>-Spolac_c78092_g1_i1_m.2014c78092-g1 | OG0 |
              98
                      Kestes_maker-XT_scaffold138953-augustus-gene-0.6-mRNA-1 | OG0 |
                       •Halamb_c46692_g1_i1mm.2045 | OG0 |
                          -Aque_Aqu2.1.38560_001 | OG0 |
                             •Halamb_c38230_g1_i1m.10634 | OG0 |
                         <sup>1001</sup>-Halamb_c17908_g1_i1m.3018 | OG0 |
                       •Lcom_lcpid127624 | OG0 |
                100
                            •Lcom_lcpid124590 | OG0 |
                        •Morvir_scaffold37.g79.t1 | OG0 |
                              •Hvul_g11020_1 | OG0 |
       68
                100
                      98
                              Chem_TCONS_00065953 | OG0 |
           80
                   80
                           •Sanmal_Sma_009179-T1 | OG0 |
                            <sub>Γ</sub>•Nemnom_g7447.t1 | OG0 |
                      100
                         1001-Rhoesc_Res_013887-T1 | OG0 |
                       -Dgig_XM_028539498.1 | OG0 |
                          •Xesp_017552-T1 | OG0 |
                            •Exapal_XM_021056155.2 | OG0 |
                100
                            •Nvec_v1g236117 | OG0 |
                              •Gfas_gfas1.m1.19821.m1 | OG0 |
                   100
                                <sub>f</sub>Adig_XM_015912982.1 | OG0 |
                             <sup>100</sup>-Amil_Amillepora14460-RA | OG0 |
                      100
                              •Gasp_gasp1.m3.16749.m1 | OG0 |
         62
                              •Fspp_ffun1.m4.20164.m1 | OG0 |
                                 -Spis_XP_022802874_1 | OG0 |
                              <sup>99</sup>Ū-Pocdam_XM_027195480.1 | OG0 |
                            -Lcom_lcpid138940 | OG0 |
                                  •Lcom_lcpid135785 | OG0 |
                 98
                     98
                                       •Lcom_lcpid119224 | OG0 |
                             <sub>[</sub>TrH2_TrispH2_010047-RA | OG0 |
              53
                          <sup>100]</sup>Tadh_TriadT60814 | OG0 |
                               HoiH23_PIH23_008879-RA | OG0 |
                      100
                            <sup>100</sup> HoiH06_mRNA7451 | OG0 |
                               <sub>f</sub>Hhon_g09535.t1 | OG0 |
                            <sup>100</sup> HoiH04_mRNA10735 | OG0 |
           63
                              -Lcom_lcpid170381 | OG0 |
                            -Hsap_ENST00000427217 | OG0 |
                          •Hsap_ENST00000638617 | OG0 |
                  100
                     <sup>100</sup> Hsap_ENST00000262942 | OG0 |
                           •Cgig_XM_011419181.3 | OG0 |
                              •Lcom_lcpid163405 | OG0 |
                              Lcom_lcpid176690 | OG0 |
                              •Lcom_lcpid114645 | OG0 |
                              -Acagra_model.g3214.t1.1.5d3b8243 | OG0 |
                           <sup>1001</sup>Acagra_model.g3214.t1 | OG0 |
                45
                           •Bralan_BLAG09000472_2 | OG0 |
                                 •Dpul_mRNA1282 | OG0 |
                                •Tcas_TC000050_001 | OG0 |
                  32
                              Cscu_XM_023363294.1 | OG0 |
                           <sup>1001</sup>•Cscu_XM_023357941.1 | OG0 |
                                 Skow_XM_006820252.1 | OG0 |
                    35
                                     Ctel gnl_WGS_AMQN_CAPTEDRAFT_mRNA115556 | OG0 |
                                 •Lcom_lcpid174223 | OG0 |
                                  Clacor Ccor C507603 01 | OG0 |
                                    Lcom | lcpid195246 | OG0 |
                                       •Spur_XM_011676863.2 | OG0 |
                                     Spur XM 030984194.1 | OG0 |
0.416667
```