```
•Eupdun_Edun_sb10686863 | OG0 |
                           •Lampan_Lpan_1734_01 | OG0 |
                             rCoemet_Cmet_C600591_01 | OG0 |
                   98
                                •Coeast_Cast_sb801809 | OG0 |
    97
                                   Coeast_Cast_sb801811 | OG0
                                100 Coeast Cast_sb801808 | OG0 |
                               -Mertsp_Mesp_sb589263 | OG0 |
                100
                                   Bolinf Binf sb1265065 | OG0 |
                                 <sup>55</sup> Mertsp_Mesp_sb589253 | OG0 |
                                   Bolinf Binf_sb1265066 | OG0 |
                                 <sup>99</sup> Mertsp_Mesp_sb589262 | OG0 |
                    100
                                Drygla_Dgla_sb284706 | OG0 |
                                         -Pbac_sb2652923 | OG0 |
                                   <sup>100</sup><sup>1</sup>-Horcal_Hcv1.av93.c10.g42.i1 | OG0 |
                       85
                                   Beraby_Baby_sb341136 | OG0 |
                                     _Beraby_Baby_sb341137 | OG0 |
                         91
                                   64 Bolinf_Binf_sb1197162 | OG0 |
                                     rVmul_sbMO402845 | OG0 |
                           90
                                   <sup>100</sup> Mlei_ML0598.g6.i1 | OG0 |
                                     <u> Mertsp_Mesp_sb578681 | OG0 |</u>
                                          <sub>r</sub>Bolinf_Binf_sb1275167 | OG0 |
                                  100
                                       <sup>79</sup> Mertsp_Mesp_sb578680 | OG0 |
                                         Mertsp_Mesp_sb578682 | OG0 |
                                           Bolinf_Binf_sb1275177 | OG0 |
                                          83 Bolinf_Binf_sb1275174 | OG0 |
                        Clacor Ccor scaffold8224 01 | OG0
                           -Leuniv_Lniv_scaffold24053_01 | OG0 |
            100
                                Lcom | lcpid90899 | OG0 |
                                •Gracom_Gcom_C554746_01 | OG0 |
                Opea EP00118_Oscarella_pearsei_P023013 | OG0 |
                          Opea_EP00118_Oscarella_pearsei_P023014 | OG0 |
        49
                       100 Opea EP00118_Oscarella_pearsei_P023011 | OG0 |
                     •Plajan_Pjan_scaffold21793_01 | OG0 |
           49
    97
                                  Opea_EP00118_Oscarella_pearsei_P019935 | OG0 |
              50
                                   _-Ocar_g5988 | OG0 |
                                 56<sup>1</sup>-Opea_EP00118_Oscarella_pearsei_P023012 | OG0 |
                          •Spur_XM_030976786.1 | OG0 |
                          •Skow_XM_002740421.2 | OG0 |
                             Bralan_BLAG02001670_1 | OG0 |
                99
      33
                               •Hsap ENST00000270538 | OG0 |
                               •Cscu_XM_023377967.1 | OG0 |
                                  •Dpul_mRNA18389 | OG0 |
                                  •Tcas_TC008130_001 | OG0 |
                               •Acagra_model.g9898.t1 | OG0 |
                                   ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA183511 | OG0 |
                                          •Cgig XM 034470212.1 | OG0 |
                                           -Stycar_augustus_masked-SC_scaffold69856-processed-gene-0.1-mRNA-1 | OG0 |
                                   •Aque_Aqu2.1.37817_001 | OG0 |
                      89
                                         •Halamb_c51113_g1_i3mm.3794 | OG0 |
                                  stycar_maker-SC_scaffold139468-snap-gene-0.74-mRNA-1 | OG0 |
                   99
                               1001-Stycar_maker-SC_scaffold19114-augustus-gene-0.5-mRNA-1 | OG0 |
                                  •Emue_Em0009g998a.t1 | OG0 |
                                   •Spolac_c100595_g1_i1_m.22943c100595-g1 | OG0 |
                                Stycar_maker-SC_scaffold139468-augustus-gene-0.66-mRNA-1 | OG0 |
                             99<sup>1</sup>Stycar_maker-SC_scaffold125809-augustus-gene-0.5-mRNA-1 | OG0 |
                           -HoiH11 mRNA5834 | OG0 |
                             TrH2_TrispH2_001286-RA | OG0 |
                          100 Tadh_TriadT54556 | OG0 |
                     100
                             <sub>"</sub>HoiH23_PIH23_000568-RA | OG0 |
                          <sup>100</sup> HoiH06 mRNA10780 | OG0 |
                             Hhon g05925.t1 | OG0 |
                          <sup>100</sup> HoiH04 mRNA7821 | OG0 |
                               ig_XM_028551308.1 | OG0 |
             82
                             •Xesp_003037-T1 | OG0 |
                              •Hvul_g15838_1 | OG0 |
                                Chem TCONS 00031980 | OG0 |
                               •Morvir_scaffold22.g88.t1 | OG0 |
               100
                               •Sanmal_Sma_013843-T1 | OG0 |
                                •Aaur_scaffold422.g2.t1 | OG0 |
                                  -Nemnom g3478.t1 | OG0 |
                               <sup>100</sup><sup>1</sup>-Rhoesc Res 009496-T1 | OG0 |
                           •Nvec_NVE24870 | OG0 |
                                •Exapal_XM_021051936.2 | OG0 |
                                •Nvec v1g41423 | OG0 |
                               -Spis_XP_022804154 1 | OG0 |
                     100
                            100 Pocdam XM 027199464.1 OG0 I
                                 Fspp_ffun1.m4.6885.m1 | OG0 |
                                  •Gasp gasp1.m3.8951.m1 | OG0 |
                                  Gfas_gfas1.m1.10252.m1 | OG0 |
                                    Amil Amillepora02693-RA | OG0 |
                                 <sup>100</sup><sup>1</sup>-Adig XM 015908455.1 | OG0 |
0.416667
```