```
Plespi Pspi scaffold18310 01 | OG0 |
                 <sup>100</sup> Plespi_Pspi_scaffold18311_01 | OG0 |
  63
              -Stycar_maker-SC_scaffold687-snap-gene-0.23-mRNA-1 | OG0 |
               •Tetwil_g11874.t1 | OG0 |
    99
           <sup>1001</sup>Tetwil_g11876.t1 | OG0 |
67
              •Emue Em0022g172a.t1 | OG0 |
         <sup>1001</sup>-Spolac_c101988_g1_i1_m.27510c101988-g1 | OG0 |
                        •Aque_Aqu2.1.32973_001 | OG0 |
  90
                         --Aque_Aqu2.1.16304_001 | OG0 |
                    •Halamb_c43814_g1_i3mm.1348 | OG0 |
                         •Aque_Aqu2.1.02131_001 | OG0 |
                60
                                        -Aque_Aqu2.1.02662_001 | OG0 |
                                       •Aque_Aqu2.1.07252_001 | OG0 |
           ·Stycar_maker-SC_scaffold3782-snap-gene-0.4-mRNA-1 | OG1 |
                  •Plajan_Pjan_scaffold3811_01 | OG1 |
                Popea EP00118 Oscarella pearsei P027094 | OG1 |
      99
                  •Ocar_g2744 | OG1 |
                     •Skow_XM_006814640.1 | OG1 |
                     •Hsap_ENST00000417647 | OG1 |
          78
                        Spur_XM_030980579.1 | OG1 |
       100
                   Bralan BLAG06001125 1 | OG1 |
                         Cscu_XM_023377462.1 | OG1 |
                                    -Dpul_mRNA926 | OG1 |
          96
               99
                     100
                               •Tcas_TC015452_001 | OG1 |
            75
                            Cgig XM 034446981.1 | OG1 |
              100
                          •Acagra_model.g13070.t1 | OG1 |
                    100
                             •Lcom_lcpid192818 | OG1 |
     70
67
                          Chem_TCONS_00010526 | OG1 |
                 100
                           •Hvul_g32580_1 | OG1 |
                        -Morvir_scaffold471.g7.t1 | OG1 |
            100
                          •Sanmal_Sma_011129-T1 | OG1 |
                               •Morvir scaffold471.g6.t1 | OG1 |
                 100
                      <sup>88</sup><sup>_</sup>•Aaur_scaffold120.g11.t1 | OG1 |
                            Nemnom g7339.t1 | OG1 |
                    88
                             Nemnom_g7338.t1 | OG1 |
       96
                         <sup>98</sup>□-Rhoesc_Res_000354-T1 | OG1 |
                      •Dgig_XM_028541742.1 | OG1 |
                         •Xesp_016042-T1 | OG1 |
                      Nvec v1g211930 | OG1 |
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                       •Exapal XM 021050598.2 | OG1 |
                       Gfas_gfas1.m1.15126.m1 | OG1 |
  74
            67
                        Amil_Amillepora06369-RA | OG1 |
                     <sup>100</sup> -Adig_XM_015907688.1 | OG1 |
                          Fspp_ffun1.m4.13924.m1 | OG1 |
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                        Gasp_gasp1.m3.30502.m1 | OG1 |
                         •Spis_XP_022781293_1 | OG1 |
                     <sup>100</sup> Pocdam_XM_027198174.1 | OG1 |
                                       •Lcom_lcpid195125 | OG1 |
                          TrH2_TrispH2_011155-RA | OG1 |
       51
                       <sup>100</sup><sup>-</sup>Tadh_TriadT64358 | OG1 |
                            HoiH11_mRNA5476 | OG1 |
                    100
                              •HoiH04_mRNA1166 | OG1 |
                                <sub>|</sub>•HoiH23_PIH23_007825-RA | OG1 |
                             <sup>1001</sup>•HoiH06_mRNA3583 | OG1 |
                          •Clacor_Ccor_scaffold15288_01 | OG1 |
    58
                        •Lcom | lcpid142160 | OG1 |
           100
                            <sub>•</sub>Lcom_lcpid179657 | OG1 |
                    100
                         <sup>1001</sup>Lcom_lcpid105481 | OG1 |
                       97
                              •Leuniv_Lniv_scaffold25163_01 | OG1 |
                                •Gracom_Gcom_scaffold14747_01 | OG1 |
      48
                                Pbac_sb2666842 | OG1 |
                                      --Pbac_sb2645036 | OG1 |
                                99 Horcal_Hcv1.av93.c5.g623.i1 | OG1 |
                                   Coemet Cmet scaffold16945 01 | OG1 |
                      100
                                   Coeast Cast sb810932 | OG1 |
                                     ampan Lpan C417119 01 | OG1 |
                                              •Eupdun_Edun_sb10624849 | OG1 |
                                      •Eupdun Edun sb10653038 | OG1 |
                                   Bolinf Binf sb1241293 | OG1 |
                                <sup>100</sup> Mertsp_Mesp_sb573651 | OG1 |
                                     Beraby Baby sb325766 | OG1 |
                                         Drygla Dgla sb284424 | OG1 |
                                        •Drygla_Dgla_sb278703 | OG1 |
                                         •Vmul_sbMO371531 | OG1 |
                                           Mlei_ML2679.g22.i1 | OG1 |
                                        <sup>53</sup> Vmul_sbMO377219 | OG1 |
                                        Bolinf_Binf_sb1238051 | OG1 |
                                           Bolinf_Binf_sb1238054 | OG1 |
                                             Bolinf Binf sb1238055 | OG1 |
                                           <sup>50</sup> Mertsp Mesp sb535751 | OG1 |
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