```
Vmul_sbMO379035 | OG0 |
     100
                Bolinf Binf sb1236317 | OG0 |
        100
           93
             61
              •Hvul_g5593 1 | OG0 |
                   100
                      •Ocar g4654 | OG0 |
           100
     100
                  100
                     83
            61
                   96
                      100
        66
                 93
                       48
                   96
                       100
          58
                  100
                           100
                                 100
               98
                     88
                   79
                 100
                       100
                    100
                       100
                      98
                  99
                         83
                    86
                       72
                           65
0.416667
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•Coemet_Cmet_scaffold17246_01 | OG0 |
  -Lampan_Lpan_16117_01 | OG0 |
67 Mertsp Mesp sb580811 | OG0 |
  Drygla_Dgla_sb288724 | OG0 |
    Bolinf Binf sb1235741 | OG0 |
  <sup>99</sup> Mertsp_Mesp_sb550130 | OG0 |
        •Beraby_Baby_sb326803 | OG0 |
          Drygla Dgla sb288722 | OG0 |
          •Mlei_ML1565.g8.i1 | OG0 |
           •Pbac_sb2654388 | OG0 |
          •Pbac_sb2669209 | OG0 |
            Pbac sb2654390 | OG0 |
              Pbac_sb2646197 | OG0 |
                Horcal Hcv1.av93.c1.g680.i1 | OG0 |
                  Pbac sb2669211 | OG0 |
                            -Pbac sb2658268 | OG0 |
           TrH2 TrispH2 006685-RA | OG0 |
             *Tadh_TriadT55877 | OG0 |
           <sup>57</sup> Tadh_TriadT55878 | OG0 |
           •HoiH11_mRNA8869 | OG0 |
               <sub>"</sub>HoiH23_PIH23_006802-RA | OG0 |
             <sup>99]</sup>•HoiH06 mRNA4848 | OG0 |
                <sub>e</sub>Hhon_g03307.t1 | OG0 |
             <sup>100</sup> HoiH04_mRNA13904 | OG0 |
      •Plajan_Pjan_scaffold12866_01 | OG0 |
     <sup>100</sup> Opea_EP00118_Oscarella_pearsei_P011225 | OG0 |
               Clacor_Ccor_C529409_01 | OG0 |
                •Clacor_Ccor_scaffold2497_01 | OG0 |
                  ·Clacor_Ccor_C528965_01 | OG0 |
                Leuniv_Lniv_C769109 01 | OG0 |
                  Lcom_lcpid18089 | OG0 |
                     •Leuniv_Lniv_scaffold17966_01 | OG0 |
                     •Gracom_Gcom_C561202_01 | OG0 |
                    •Plespi_Pspi_scaffold18527_01 | OG0 |
                   •Xestes_maker-XT_scaffold4718-snap-gene-0.12-mRNA-1 | OG0 |
               •Xestes_maker-XT_scaffold1854-augustus-gene-0.4-mRNA-1 | OG0 |
                 •Halamb_c55542_g1_i10mm.6623 | OG0 |
                 •Aque_Aqu2.1.26009_001 | OG0 |
           | Stycar_maker-SC_scaffold7115-snap-gene-0.113-mRNA-1                         | OG0
                 Stycar_maker-SC_scaffold3786-augustus-gene-0.8-mRNA-1 | OG0 |
            <sup>100</sup>-Stycar maker-SC_scaffold7115-snap-gene-0.114-mRNA-1 | OG0 |
                Stycar maker-SC scaffold73233-snap-gene-0.4-mRNA-1 | OG0 |
                  •Tetwil_g9639.t2 | OG0 |
                   Stycar_maker-SC_scaffold7494-augustus-gene-0.2-mRNA-1 | OG0 |
              <sub>|</sub>Spolac_c84134_g2_i1_m.3393c100354-g1 | OG0 |
           <sup>961</sup>Spolac_c84134_g1_i1_m.3391c100354-g1 | OG0 |
              •Spolac_c81407_g1_i1_m.2855c100354-g1 | OG0 |
                •Spolac_c87767_g1_i1_m.4467c100354-g1 | OG0 |
                    Spolac_c92369_g1_i1_m.7771c100354-g1 | OG0 |
                    Spolac c33568 g1 i1 m.712c100354-g1 | OG0 |
                      <u>•</u>Emue_Em0015g306a.t1 | OG0 |
                          •Spolac_c92369_g2_i1_m.7772c100354-g1 | OG0 |
                      <sup>53</sup> -Emue_Em0015g298a.t1 | OG0 |
                  •Tcas_TC010518_001 | OG0 |
                   •Dpul mRNA3648 | OG0 |
                <sup>971</sup>•Dpul mRNA3440 | OG0 |
                   •Dpul_mRNA28213 | OG0 |
                         pul_mRNA2598 | OG0 |
                        •Dpul_mRNA28730 | OG0 |
                                    •Dpul_mRNA9082 | OG0 |
                                     Dpul mRNA9073 | OG0 |
                                   <sup>98</sup>□•Dpul_mRNA9074 | OG0 |
              <sub>r</sub>Cscu_XM_023356040.1 | OG0 |
            <sup>99</sup> Cscu_XM_023356035.1 | OG0 |
                •Bralan_BLAG17000750_1 | OG0 |
                 Hsap ENST00000372371 | OG0 |
                   Skow_XM_002736806.2 | OG0 |
                     •Spur_XM_030979523.1 | OG0 |
                     •Acagra_model.g4559.t1 | OG0 |
                  Ctel gnl WGS AMQN CAPTEDRAFT mRNA219447 | OG0 |
                  Cgig XM 011418714.3 | OG0 |
                  •Acagra_model.g4558.t1 | OG0 |
             •Dgig_XM_028546258.1 | OG0 |
              Xesp_002465-T1 | OG0 |
                Nvec_v1g190300 | OG0 |
                 Exapal XM 028657999.1 | OG0 |
                Spis_XP_022799682_1 | OG0 |
                   •Fspp_ffun1.m4.2726.m1 | OG0 |
                   •Gasp_gasp1.m3.5505.m1 | OG0 |
                •Gfas_gfas1.m1.3562.m1 | OG0 |
                  •Adig_XM_015919741.1 | OG0 |
                     •Amil Amillepora21464-RA | OG0 |
                  <sup>100</sup> -Adig_XM_015908563.1 | OG0 |
              Chem_TCONS_00033137 | OG0 |
                 •Hvul_g5594_1 | OG0 |
              •Morvir_scaffold43.g4.t2 | OG0 |
                Aaur scaffold390.g1.t1 | OG0 |
                  Aaur scaffold2350.g2.t1 | OG0 |
                    •Sanmal_Sma_017052-T1 | OG0 |
                <sup>100]</sup>Sanmal_Sma_017053-T1 | OG0 |
                  Aaur_scaffold2350.g3.t3 | OG0 |
               <sup>100</sup>-Aaur_scaffold62.g6.t1 | OG0 |
                      •Sanmal Sma 017055-T1 | OG0 |
                     •Aaur_scaffold390.g5.t1 | OG0 |
                     Rhoesc_Res_012575-T1 | OG0 |
                   Nemnom_g11561.t1 | OG0 |
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