```
<sub>5</sub>Emue_Em0018g1128a.t1 | OG0 |
     99 - Spolac_c39635_g1_i1_m.1009c39635-g1 | OG0 |
          •Tetwil_g18806.t1 | OG0 |
                Stycar_maker-SC_scaffold1751-augustus-gene-0.18-mRNA-1 | OG0 |
 100
      75
                          -Stycar_snap_masked-SC_scaffold54579-processed-gene-0.13-mRNA-1 | OG0 |
                        -Stycar_maker-SC_scaffold131829-snap-gene-0.7-mRNA-1 | OG0 |
    76
            -Halamb_c20431_g1_i1m.3668 | OG0 |
          <sup>81</sup> Xestes_augustus_masked-XT_scaffold2006-processed-gene-0.2-mRNA-1 | OG0 |
             •Halamb_c41902_g1_i1m.14309 | OG0 |
              Aque_Aqu2.1.21919_001 | OG0 |
                             -•Aque Aqu2.1.04364 001 | OG0 |
                       <sup>90</sup> Aque_Aqu2.1.16298_001 | OG0 |
     -Spur_XM_777444.5 | OG0 |
        <sub>!</sub>Skow_XM_002736728.2 | OG0 |
             -Hsap_ENST00000262646 | OG0 |
                    -•Vmul_SimC379670 | OG0 |
      65
                 <sup>981</sup>-Coemet_Cmet_scaffold16167_01 | OG0 |
                    -Lampan_Lpan_5885_01 | OG0 |
        51
                      -Eupdun_Edun_sb10659591 | OG0 |
                       ─-Mlei ML1859.g2.i1 | OG0 |
                     <sup>97</sup><sup>_</sup>•Drygla_Dgla_sb285642 | OG0 |
          58
                     -Lcom_lcpid149006 | OG0 |
 100
               99
                    •Lcom_lcpid112683 | OG0 |
                      •Hsap_ENST00000397762 | OG0 |
             58
                             -Vmul_Simscaffold15456_01 | OG0 |
                             Coemet Cmet scaffold22192 01 | OG0 |
               83
                           99 Coeast_Cast_sb787874 | OG0 |
                           Lampan_Lpan_15769_01 | OG0 |
                                Pbac sb2642489 | OG0 |
                         98
                             <sup>1001</sup>Horcal_Hcv1.av93.c1.g396.i1 | OG0 |
                               Beraby_Baby_sb338215 | OG0 |
                                    <sub>f</sub>Mlei_ML3588.g3.i1 | OG0 |
    66
                                  <sup>99</sup> Vmul_sbMO409045 | OG0 |
                                      <sub>•</sub>Bolinf_Binf_sb1226322 | OG0 |
                                    Drygla_Dgla_sb298727 | OG0 |
                                        Mertsp_Mesp_sb575233 | OG0 |
                                          Bolinf_Binf_sb1226320 | OG0 |
                                        98 Bolinf Binf sb1226321 | OG0 |
            Clacor Ccor scaffold4884 01 | OG0 |
                    •Scil scict009174.3 | OG0 |
                •Gracom_Gcom_scaffold2315_01 | OG0 |
          100
                   <sub></sub>--Lcom_lcpid84342 | OG0 |
                <sup>100</sup> Leuniv_Lniv_scaffold3197_01 | OG0 |
                -Chem_TCONS_00065816 | OG0 |
                   •Hvul_g4216_1 | OG0 |
                 Acagra_model.g29365.t1 | OG0 |
                   -Lcom_lcpid162399 | OG0 |
          36
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                     _•Cgig_XM_011427481.3 | OG0 |
                   <sup>641</sup>--Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA179964 | OG0 |
                   •Dpul_mRNA15901 | OG0 |
                    -Cscu_XM_023388548.1 | OG0 |
                     r-Tcas_TC010138_001 | OG0 |
                           •Cscu_XM_023359236.1 | OG0 |
                  -Sanmal_Sma_025380-T1 | OG0 |
        40
                    _•Nemnom_g12449.t1 | OG0 |
                 <sup>100</sup> Rhoesc Res 011415-T1 | OG0 |
                  •Morvir_scaffold82.g53.t1 | OG0 |
                      <u>-</u>Opea_EP00118_Oscarella_pearsei_P024788 | OG0 |
                   <sup>991</sup>Ocar_g4744 | OG0 |
                       Plajan Pjan scaffold17299 01 | OG0 |
                                 -Plajan Pjan scaffold17300 01 | OG0 |
                  •Dgig_XM_028536350.1 | OG0 |
               <sup>100</sup><sup>1</sup> •Xesp_005644-T1 | OG0 |
                      TrH2_TrispH2_011069-RA | OG0 |
                    <sup>991</sup>Tadh TriadT30079 | OG0 |
             69
                      Hhon_g09076.t1 | OG0 |
                         HoiH04_mRNA17710 | OG0 |
                            HoiH23 PIH23 005509-RA | OG0 |
                          100 HoiH06 mRNA12042 | OG0 |
                    •Nvec v1g189983 | OG0 |
                     Exapal_XM_021059854.2 | OG0 |
                          -Gfas gfas1.m1.5105.m1 | OG0 |
                        <sup>991</sup>Adig XM 015909477.1 | OG0 |
                          Spis XP 022781040 1 | OG0 |
                            Gasp_gasp1.m3.3251.m1 | OG0 |
                          92 Fspp_ffun1.m4.9967.m1 | OG0 |
                            <sup>1</sup>•Pocdam_XM_027181661.1 | OG0 |
0.416667
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