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•Eupdun_Edun_sb10627861 | OG0 |
                                         •Vmul SimC386990 | OG0 |
                                  Coemet_Cmet_C592313_01 | OG0 |
                                    Coeast_Cast_sb754605 | OG0 |
                                 <sup>1001</sup>•Coeast Cast_sb754606 | OG0 |
                                 •Drygla Dgla sb283945 | OG0 |
100
                               -Lampan_Lpan_7715_01 | OG0 |
                    100
                                  -Pbac_sb2658681 | OG0 |
                       89
                                   Pbac_sb2657701 | OG0 |
                                  991 Horcal Hcv1.av93.c5.g183.i1 | OG0 |
                         94
                                   Mertsp Mesp sb557335 | OG0 |
                                       •Bolinf_Binf_sb1227190 | OG0 |
     79
                                                    -Mlei_ML0245.g9.i1 | OG0 |
               •Coemet_Cmet_scaffold17459_01 | OG0 |
                 •Vmul sbMO436774 | OG0 |
                   --Vmul Simscaffold14341 01 | OG0 |
                    •Beraby_Baby_sb325370 | OG0 |
                       •Lampan Lpan 13239 01 | OG0 |
        96
                   •Bolinf_Binf_sb1257244 | OG0 |
                 <sup>87</sup>-Mertsp Mesp_sb587965 | OG0 |
                   Mertsp Mesp sb587959 | OG0 |
                 73 Bolinf_Binf_sb1257243 | OG0 |
                 Drygla_Dgla_sb294392 | OG0 |
                     •Bolinf_Binf_sb1237190 | OG0 |
                      <sup>100</sup> Mlei_ML2617.g1.i1 | OG0 |
                      Pbac sb2637553 | OG0 |
               69
                    <sup>99</sup> Pbac_sb2637983 | OG0 |
                      ¡Horcal_Hcv1.av93.c5.g182.i1 | OG0 |
                    <sup>76</sup> Pbac sb2658680 | OG0 |
                          <sub>'</sub>Spolac c99202 g1 i2 m.19095c101697-g1|OG0|
                       <sup>100</sup>-Spolac_c99202_g1_i1_m.19094c101697-g1 | OG0 |
           100
                    •Emue_Em0017g63a.t1 | OG0 |
               <sup>100</sup>-Spolac c101697_g1_i1_m.26452c101697-g1 | OG0 |
        100
                         Spolac c97964 g1 i1 m.16102c97964-g1 | OG0 |
                          Emue Em0017g60a.t1 | OG0 |
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                          •Spolac c97964 g1 i1 m.16101c97964-g1 | OG0 |
                          •Emue_Em0004g1055a.t1 | OG0 |
  83
           Tetwil_g10969.t1 | OG0 |
                   •Plespi Pspi scaffold19328 01 | OG0 |
                   •Aque Aqu2.1.44096 001 | OG0 |
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                    •Halamb_c51402_g1_i2m.30523 | OG0 |
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                              Stycar_maker-SC_scaffold4225-augustus-gene-0.72-mRNA-1 | OG0 |
       51
                      |Stycar_snap_masked-SC_scaffold560-processed-gene-0.3-mRNA-1                  | OGO
                            Stycar snap masked-SC scaffold100973-processed-gene-0.5-mRNA-1 | OG0 |
                   Stycar_maker-SC_scaffold5741-snap-gene-0.151-mRNA-1 | OG0 |
                       Stycar_snap_masked-SC_scaffold560-processed-gene-0.2-mRNA-1 | OG0 |
                       •Stycar_maker-SC_scaffold96036-snap-gene-0.11-mRNA-1 | OG0 |
            95
                   Gtycar maker-SC scaffold5741-snap-gene-0.154-mRNA-1 | OG0 |
                 88
                        Stycar maker-SC scaffold5741-snap-gene-0.153-mRNA-1 | OG0 |
                    <sup>100</sup>lStycar_maker-SC_scaffold6133-augustus-gene-0.21-mRNA-1 | OG0 |
                 •Skow_XM_002742076.2 | OG0 |
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                  -Hsap_ENST00000319017 | OG0 |
                   •Bralan_BLAG05000635_1 | OG0 |
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                    •Ctel gnl WGS AMQN CAPTEDRAFT mRNA176506 | OG0 |
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                        •Cgig XM 011449504.3 | OG0 |
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                        •Acagra_model.g8559.t1 | OG0 |
                     •Dpul mRNA28699 | OG0 |
                         Lcom | lcpid119623 | OG0 |
                           •Tcas_TC004690_001 | OG0 |
     47
                Tadh TriadT25969 | OG0 |
             <sup>100</sup><sup>1</sup>-TrH2_TrispH2_001139-RA | OG0 |
                HoiH11 mRNA2810 | OG0 |
                  HoiH23 PIH23 000213-RA | OG0 |
                   •Hhon_g04341.t1 | OG0 |
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       58
                   96 HoiH04_mRNA538 | OG0 |
                              •Morvir scaffold7.g156.t4 | OG0 |
                                                     Aaur scaffold3704.g1.t1 | OG0 |
                                                  <sup>100</sup> -Aaur scaffold2495.g1.t1 | OG0 |
           72
                            -Sanmal_Sma_010697-T1 | OG0 |
   82
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                         <sup>100</sup>Ū-Sanmal_Sma_010696-T1 | OG0 |
                             Nemnom g7362.t1 | OG0 |
                        <sup>100</sup><sup>1</sup>-Rhoesc_Res_000380-T1 | OG0 |
                Spur XM 782368.5 | OG0 |
                •Clacor Ccor scaffold13486 01 | OG0 |
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                 Gracom Gcom scaffold16536 01 | OG0 |
          100
                   Leuniv Lniv scaffold10681 01 | OG0 |
            99
                       -Scil scict004980.1 | OG0 |
                      Lcom | lcpid100301 | OG0 |
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                   •Xesp_016021-T1 | OG0 |
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                    •Plajan Pjan scaffold5042 01 | OG0 |
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                            -Plajan Pjan scaffold5041 01 | OG0 |
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                    -Ocar_g3692 | OG0 |
                 100 Opea EP00118_Oscarella_pearsei_P027654 | OG0 |
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                        •Hvul g21094 1 | OG0 |
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                      •Chem_TCONS_00014234 | OG0 |
                    •Nemnom_g7363.t1 | OG0 |
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                       •Rhoesc_Res_000381-T1 | OG0 |
                         -Aaur scaffold1032.g5.t1 | OG0 |
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                      ·Gasp_gasp1.m3.827.m1 | OG0 |
                         Pocdam XM 027198997.1 | OG0 |
                       <sup>99</sup> Spis XP 022801656 1 | OG0 |
                          -Gfas_gfas1.m1.18678.m1 | OG0 |
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\_\_\_\_Adig\_XM\_015911873.1 | OG0 | <sup>100</sup>\_-Amil\_Amillepora07261-RA | OG0 |