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                •Lcom | lcpid52390 | OG0 |
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                Gracom_Gcom_scaffold13893_01 | OG0 |
       100
              Leuniv_Lniv_scaffold18430_01 | OG0 |
           <sup>1001</sup>-Leuniv Lniv_scaffold18431_01 | OG0 |
                    •Lampan Lpan C417521 01 | OG0 |
                            Vmul sbMO442131 | OG0 |
96
              86
                     <sup>100</sup> Vmul_SimC403884 | OG0 |
                        •Coemet_Cmet_C605288_01 | OG0 |
                     100 Coeast Cast sb819783 | OG0 |
                          Eupdun Edun sb10654075 | OG0 |
                       <sup>1001</sup>•Eupdun_Edun_sb10654076 | OG0 |
                      Bolinf_Binf_sb1245591 | OG0 |
                83
                        Mertsp_Mesp_sb593234 | OG0 |
                          Mertsp_Mesp_sb593231 | OG0 |
                        <sup>49</sup> Mertsp Mesp_sb593233 | OG0 |
                       Horcal Hcv1.av93.c7.g705.i1 | OG0 |
                         Pbac_sb2664062 | OG0 |
                           Pbac_sb2663265 | OG0 |
                          <sup>47</sup>-Pbac sb2640957 | OG0 |
                          Drygla Dgla sb306962 | OG0 |
                       <sup>100</sup> Drygla_Dgla_sb306963 | OG0 |
                           -Mertsp_Mesp_sb520950 | OG0 |
                             Drygla_Dgla_sb278994 | OG0 |
                   88
                               Bolinf_Binf_sb1215772 | OG0 |
                             <sup>51</sup> Beraby Baby sb330343 | OG0 |
                     93
                             <u>rMlei_ML2835.g10.i1 | OG0 |</u>
                          <sup>1001</sup>Vmul_sbMO415191 | OG0 |
                              •Mertsp_Mesp_sb573774 | OG0 |
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                               Bolinf_Binf_sb1267377 | OG0 |
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                                 Bolinf Binf sb1267379 | OG0 |
                                    Mertsp_Mesp_sb573772 | OG0 |
                                      -Mertsp Mesp sb573773 | OG0 |
                                    <sup>37</sup> Bolinf_Binf_sb1267385 | OG0 |
            Opea EP00118 Oscarella pearsei P007005 | OG1 |
         <sup>100</sup> •Ocar _g8800 | OG1 |
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          •Plajan_Pjan_C523531_01 | OG1 |
            •Plajan_Pjan_scaffold6839_01 | OG1 |
                   •Plespi_Pspi_scaffold17616_01 | OG1 |
                •Emue Em0022g764a.t1 | OG1 |
                --Spolac_c102169_g1_i1_m.28202c102169-g1 | OG1 |
                -Stycar maker-SC_scaffold3807-snap-gene-0.33-mRNA-1 | OG1 |
                   •Tetwil_g14965.t1 | OG1 |
                    •Lcom_lcpid245227 | OG1 |
                   Halamb c52706 g1 i1m.33749 | OG1 |
                            -Aque Aqu2.1.12542 001 | OG1 |
                 -Xestes_maker-XT_scaffold13585-augustus-gene-0.40-mRNA-1 | OG1
                      •Aque_Aqu2.1.41762_001 | OG1 |
                       •Aque_Aqu2.1.14129_001 | OG1 |
                   •Halamb_c48914_g1_i1m.25092 | OG1 |
                    -Tcas TC007521 001 | OG1 |
        59
                   •Spur XM 030980424.1 | OG1 |
                   •Bralan_BLAG06000873_1 | OG1 |
                        Skow_XM_002735087.2 | OG1 |
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                       •Hsap ENST00000231572 | OG1 |
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      67
                              •Cscu XM 023375845.1 | OG1 |
             65
                                    Lcom | lcpid124427 | OG1 |
                           •Cgig_XM_034443964.1 | OG1 |
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                            •Acagra_model.g10256.t1_model.g10249.t1_model.g10253.t1 | OG1 |
        59
                              -Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA225710 | OG1 |
                          Tool-Ctel gnl WGS AMQN_CAPTEDRAFT_mRNA159812 | OG1 |
                      •Dpul mRNA8898 | OG1 |
                         66
                     <sup>100</sup><sup>1</sup>Tadh_TriadT56467 | OG1 |
                        •HoiH11_mRNA1777 | OG1 |
                             -HoiH23 PIH23 000320-RA | OG1 |
                              -HoiH06 mRNA13480 | OG1 |
                              •Hhon_g10107.t1 | OG1 |
    94
                                <sub>_</sub>Hhon_g11732.t1 | OG1 |
                           100
                              <sup>1001</sup>•HoiH04_mRNA3975 | OG1 |
                   Exapal XM 021058347.2 | OG1 |
                   Nvec_v1g229489 | OG1 |
           100
                <sup>100</sup> Nvec_v1g207386 | OG1 |
                   Gfas_gfas1.m1.16419.m1 | OG1 |
        100
                    Amil Amillepora08106-RA | OG1 |
                      Amil Amillepora08146-RA | OG1 |
                    <sup>981</sup>•Adig_XM_015920926.1 | OG1 |
            100
                    Spis XP 022809273 1 | OG1 |
                 <sup>100</sup> Spis XP 022795390 1 | OG1 |
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                     Fspp ffun1.m4.5904.m1 | OG1 |
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                  •Xesp_015776-T1 | OG1 |
                      Chem_TCONS_00014250 | OG1 |
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              100
                       •Hvul g29760 1 | OG1 |
                                  -Lcom_lcpid180219 | OG1 |
           89
                      •Morvir_scaffold197.g34.t1 | OG1 |
                         Sanmal_Sma_010797-T1 | OG1 |
                       ·Aaur scaffold106.g19.t1 | OG1 |
                        Aaur scaffold106.g21.t1 | OG1 |
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                              •Aaur_scaffold106.g20.t1 | OG1 |
                   99
                           •Rhoesc_Res_000472-T2 | OG1 |
                       <sup>100</sup><sup>1</sup>-Nemnom_g2496.t1 | OG1 |
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