```
•Spur XM 783540.5 | OG0 |
      85
              Skow XM 002735713.2 | OG0 |
               •Bralan_BLAG10001018_1 | OG0 |
        76
    95
                  •Hsap_ENST00000472947 | OG0 |
                         •Cscu XM 023374284.1 | OG0 |
                         Cscu XM 023355155.1 | OG0 |
      57
                       •Dpul_mRNA3385 | OG0 |
               100
                          •Tcas_TC011038_001 | OG0 |
        65
                    •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA211705 | OG0 |
                <sup>100</sup> Ctel gnl WGS AMQN CAPTEDRAFT mRNA174567 | OG0 |
                     Cgig XM 034461624.1 | OG0 |
           87
                    •Acagra_model.g18791.t1 | OG0 |
                 <sup>1001</sup>•Acagra_model.g18788.t1 | OG0 |
                    •Hvul_g8261_1 | OG0 |
            100
                     Chem_TCONS_00050093 | OG0 |
 30
                  •Morvir scaffold31.g10.t1 | OG0 |
       100
                   •Sanmal_Sma_023684-T1 | OG0 |
          99
                    -Nemnom_g3113.t1 | OG0 |
             100
                <sup>100</sup> Rhoesc_Res_004372-T1 | OG0 |
     62
                 -Dgig XM 028550118.1 | OG0 |
                  •Xesp 002436-T1 | OG0 |
                   •Exapal_XM_021039758.2 | OG0 |
                  Nvec_v1g11392 | OG0 |
            100
                <sup>1001</sup>Nvec_v1g144377 | OG0 |
          100
                •Gfas gfas1.m1.7423.m1 | OG0 |
                     -Amil Amillepora20789-RA | OG0 |
            100
                     -Adig_XM_015921716.1 | OG0 |
   78
                       •Spis_XP_022808029_1 | OG0 |
                    <sup>100</sup>-Pocdam_XM_027187342.1 | OG0 |
                      <sub>-</sub>-Fspp ffun1.m4.23558.m1 | OG0 |
                        •Gasp_gasp1.m3.16589.m1 | OG0 |
                    •Lcom lcpid223796 | OG0 |
                        Salkve EP00050 Salpingoeca kvevrii P020433 | OG0 |
                    <sup>100</sup>└-Salkve_EP00050_Salpingoeca_kvevrii_P020436 | OG0 |
       99
                         Saldol EP00054 Salpingoeca dolichothecata P016255 | OG0 |
                             •Lcom | lcpid255834 | OG0 |
          50
                             Salurc_EP00051_Salpingoeca_urceolata_P018920 | OG0 |
                       <sup>100</sup> Salurc_EP00051_Salpingoeca_urceolata_P018921 | OG0 |
                         41
                               -Codhol_EP00042_Codosiga_hollandica_P044129 | OG0 |
                                 •Microa EP00043 Microstomoeca roanoka P012383 | OG0 |
                          100
                                   •Sros_EGD82533 | OG0 |
                               Salinf_EP00049_Salpingoeca_infusionum_P023184 | OG0 |
                  90
                               •Mbre_EDQ85029 | OG0 |
                               Chofle EP00730 Choanoeca flexa P014179 | OG0 |
                          100
                                Choper_EP00045_Choanoeca_perplexa_P017164 | OG0 |
                               Salmac_EP00052_Salpingoeca_macrocollata_P001167 | OG0 |
                      100
                               Salpun_EP00053_Salpingoeca_punica_P010047 | OG0 |
                                 Didcos_EP00039_Didymoeca_costata_P019978 | OG0 |
                                  Diagra EP00040 Diaphanoeca grandis P029390 | OG0 |
                     100
                                      Acaspe EP00035 Acanthoeca spectabilis P022832 | OG0 |
                        100
                                     •Helnan_EP00037_Helgoeca_nana_P013545 | OG0 |
                           100
                                   -Stedip_EP00041_Stephanoeca_diplocostata_P027749 | OG0 |
                                1001Stedip_EP00041_Stephanoeca_diplocostata_P027753 | OG0 |
               Clacor_Ccor_scaffold10430 01 | OG1 |
               Lcom | lcpid84672 | OG1 |
      100
                  Scil_scict016148.1 | OG1 |
         100
                  Gracom_Gcom_scaffold18648_01 | OG1 |
                   Leuniv_Lniv_scaffold23771_01 | OG1 |
                 <sup>100</sup><sup>1</sup>Leuniv_Lniv_scaffold23772_01 | OG1 |
                   •Plajan Pjan C562402 01 | OG2 |
                   Opea EP00118 Oscarella pearsei P013320 | OG2 |
        86
 30
                    )car_g429 | OG2 |
                  <sub>[</sub>Aque_Aqu2.1.08516_001 | OG2 |
     28
               <sup>1001</sup>•Aque_Aqu2.1.36122_001 | OG2 |
                  •Tetwil_g11002.t2 | OG2 |
            100
                    Stycar maker-SC scaffold504-augustus-gene-0.5-mRNA-1 | OG2 |
         98
                   -Spolac_c103618_g2_i1_m.35209c103618-g2 | OG2 |
               <sup>100</sup><sup>1</sup>-Emue_Em0005g1591a.t1 | OG2 |
                 <sub>!</sub>TrH2_TrispH2_009163-RA | OG2 |
   50
              <sup>1001</sup>Tadh_TriadT27425 | OG2 |
                 •HoiH11_mRNA7572 | OG2 |
           100
                    -HoiH23 PIH23 004701-RA | OG2 |
                  <sup>941</sup>•HoiH06 mRNA9059 | OG2 |
                     Hhon g06698.t1 | OG2 |
                  <sup>1001</sup>HoiH04 mRNA8428 | OG2 |
     47
                            •Lcom_lcpid196665 | OG2 |
                         Eupdun_Edun_sb10670797 | OG2 |
                          <sub>j</sub>Eupdun_Edun_sb10670796 | OG2 |
                         <sup>56</sup> Eupdun_Edun_sb10670795 | OG2 |
        75
                          •Drygla_Dgla_sb283321 | OG2 |
                              <sub>•</sub>Bolinf_Binf_sb1186726 | OG2 |
                 100
                           <sup>1001</sup>Mertsp_Mesp_sb540075 | OG2 |
                                -Lampan_Lpan_C414915_01 | OG2 |
                                  •Vmul_SimC399318 | OG2 |
                           100
                    97
                                    Coemet Cmet scaffold21220 01 | OG2 |
                              100
                                       Coeast_Cast_sb815191 | OG2 |
                                        Coeast_Cast_sb815192 | OG2 |
                                       Coeast_Cast_sb815193 | OG2 |
                      49
                                <sub>f</sub>Horcal_Hcv1.av93.c2.g1560.i1 | OG2 |
                             <sup>100</sup> -Pbac_sb2649620 | OG2 |
                           85
                                Beraby_Baby_sb334839 | OG2 |
                                  Beraby_Baby_sb334840 | OG2 |
                                68 Beraby_Baby_sb334841 | OG2 |
                                 <sub>f</sub>Mlei_ML0657.g5.i1 | OG2 |
                              <sup>[100]</sup>Vmul_sbMO412585 | OG2 |
                         48
                                    Mertsp_Mesp_sb590131 | OG2 |
                                      Mertsp_Mesp_sb590118 | OG2 |
                                        Bolinf_Binf_sb1289815 | OG2 |
                           100
                                          <sup>11</sup>Mertsp_Mesp_sb590125 | OG2 |
                                            Mertsp_Mesp_sb590114 | OG2 |
                                               Bolinf_Binf_sb1289814 | OG2 |
                                                  Bolinf Binf sb1289808 | OG2 |
                              100
                                                 <sup>11</sup>Mertsp_Mesp_sb590137 | OG2 |
                                                   Bolinf_Binf_sb1289809 | OG2 |
                                                    Bolinf_Binf_sb1289801 | OG2 |
                                                   <sup>1]</sup>Mertsp_Mesp_sb590132 | OG2 |
                                   Bolinf Binf sb1289822 | OG2 |
                                     Mertsp_Mesp_sb590126 | OG2 |
                                       Mertsp_Mesp_sb590138 | OG2 |
                                   16
                                               Mertsp_Mesp_sb590127 | OG2 |
                                            <sup>1</sup>Mertsp_Mesp_sb590136 | OG2 |
                                            Mertsp_Mesp_sb590128 | OG2 |
                                              Mertsp Mesp sb590116 | OG2 |
                                         59
                                                Bolinf Binf sb1289817 | OG2 |
                                                   Bolinf_Binf_sb1289813 | OG2 |
                                                  <sup>11</sup>Mertsp_Mesp_sb590123 | OG2 |
                                                    Mertsp Mesp sb590112 | OG2 |
                                                       Bolinf_Binf_sb1289810 | OG2 |
                                                          Bolinf_Binf_sb1289803 | OG2 |
                                                         <sup>1</sup> Mertsp_Mesp_sb590134 | OG2 |
                                                      28
                                                           <sub>!</sub>Bolinf_Binf_sb1289804 | OG2 |
                                                         82 Mertsp Mesp sb590130 | OG2 |
├────
0.416667
```