```
<sub>|</sub>-Beraby_Baby_sb333208 | OG0 |
                 <sup>100</sup>_-Beraby_Baby_sb333209 | OG0 |
                  Mlei_ML0645.g4.i1 | OG0 |
                       •Drygla_Dgla_sb290161 | OG0 |
                                                     •Pbac_sb2645278 | OG0 |
           100
                                                 <sup>100</sup><sup>1</sup> Pbac_sb2640048 | OG0 |
                    •Lampan_Lpan_13881_01 | OG0 |
                      Vmul Simscaffold8225 01 | OG0 |
                      •Coemet_Cmet_scaffold20062_01 | OG0 |
                         Coeast Cast sb802899 | OG0 |
                      11 Coeast_Cast_sb802900 | OG0 |
                            TrH2_TrispH2_009586-RA | OG0 |
                         <sup>100</sup><sup>1</sup>Tadh_TriadT28870 | OG0 |
                             <sub>]</sub>•HoiH23_PIH23_005551-RA | OG0 |
                           <sup>96</sup> HoiH06 mRNA12757 | OG0 |
                              <sub>f</sub>Hhon_g02302.t1 | OG0 |
                            100 HoiH04 mRNA3833 | OG0 |
                          Xestes maker-XT scaffold1001-augustus-gene-0.22-mRNA-1 | OG0 |
              80
                            •Aque_Aqu2.1.37413_001 | OG0 |
                                  •Aque Aqu2.1.13699 001 | OG0 |
                                       •Halamb_c40930_g1_i1m.13241 | OG0 |
                81
                         Stycar_maker-SC_scaffold2473-augustus-gene-0.2-mRNA-1 | OG0 |
                             •Tetwil_g24724.t1 | OG0 |
                  84
                             •Stycar_maker-SC_scaffold1914-augustus-gene-0.9-mRNA-1 | OG0 |
                               Emue Em0001g2529a.t1 | OG0 |
                    92
                                     -Emue_Em0001g2533a.t1 | OG0 |
                                 -Spolac_c100717_g3_i2_m.23323c100717-g3 | OG0 |
                                 <sub>s</sub>Spolac_c100717_g3_i2_m.23324c100717-g3 | OG0 |
                                99<sup>1</sup>Spolac_c100717_g3_i1_m.23320c100717-g3 | OG0 |
                            •Plajan Pjan scaffold18563 01 | OG0 |
                                <del>-</del>Ocar_g552 | OG0 |
                    100
                                 Opea EP00118 Oscarella pearsei P005300 | OG0 |
                            100
           100
                               99 Opea_EP00118_Oscarella_pearsei_P005301 | OG0 |
                             •Spur XM 031000251.1 | OG0 |
                38
                     98
                              Skow XM 002740277.2 | OG0 |
                               •Bralan_BLAG05000049_2 | OG0 |
                                    -Hsap ENST00000380274 | OG0 |
                          <sup>100</sup>L-Hsap_ENST00000393600 | OG0 |
                                   •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA159933 | OG0 |
                     64
                                 •Cgig XM 011419757.3 | OG0 |
                                  Acagra_model.g1541.t1.1.5d3b8307 | OG0 |
                                <sup>1001</sup>Acagra_model.g1541.t1 | OG0 |
                       98
                                 Cscu_XM_023382421.1 | OG0 |
                              <sup>100</sup> Cscu_XM_023382423.1 | OG0 |
                         100
                                   •Tcas TC008623 001 | OG0 |
                                   <sup>100</sup> Dpul_mRNA4106 | OG0 |
                           -Dgig_XM_028542517.1 | OG0 |
                       <sup>100</sup><sup>1</sup>-Xesp_003619-T1 | OG0 |
                            •Exapal XM 021051561.2 | OG0 |
                  82
                               •Nvec_NVE8551 | OG0 |
                          •Fspp_ffun1.m4.12844.m1 | OG0 |
                    100
                              •Pocdam_XM_027189198.1 | OG0 |
                                       -Spis_XP_022801148_1 | OG0 |
                               Gasp_gasp1.m3.19161.m1 | OG0 |
                                 -Gfas_gfas1.m1.15680.m1 | OG0 |
                                   Amil Amillepora03661-RA | OG0 |
                                        -Adig_XM_015919121.1 | OG0 |
                                   <sup>100</sup> Adig _XM_015919149.1 | OG0 |
                                -Hvul g9638 1 | OG0 |
                          100
                                -Chem TCONS 00031369 | OG0 |
                                     •Morvir_scaffold269.g16.t2 | OG0 |
                      100
                             88
                                        •Aaur_scaffold136.g20.t1 | OG0 |
                                 Sanmal Sma 009252-T1 | OG0 |
                         89
                                  •Rhoesc Res 013323-T1 | OG0 |
                           89
                                   Nemnom g9577.t1 | OG0 |
                              89
                                1001 Nemnom_g1689.t1 | OG0 |
                                  •Clacor_Ccor_scaffold13601_01 | OG0 |
                  66
                                    Leuniv Lniv scaffold23338_01 | OG0 |
                          100
                                     Lcom | lcpid58973 | OG0 |
                               100
                                        •Gracom Gcom_C544164_01 | OG0 |
                                         -Scil_scict006826.1 | OG0 |
                                       <sub>!</sub>Saldol_EP00054_Salpingoeca_dolichothecata_P011506 | OG0 |
                                          -Saldol EP00054 Salpingoeca dolichothecata P011508 | OG0 |
                                            Codhol EP00042 Codosiga hollandica P059044 | OG0 |
                          83
                                             •Salinf_EP00049_Salpingoeca_infusionum_P027408 | OG0 |
                                                     -Microa_EP00043_Microstomoeca_roanoka_P006557 | OG0 |
                            92
                                  97
                                                    -Sros EGD77535 | OG0 |
                                99
                                              Mbre EDQ85791 | OG0 |
                                              •Choper_EP00045_Choanoeca_perplexa_P003809 | OG0 |
                       100
                                               Chofle_EP00730_Choanoeca_flexa_P007404 | OG0 |
                                         100
                                             <sup>1001</sup>-Chofle_EP00730_Choanoeca_flexa_P007407 | OG0 |
                                                                 Salurc_EP00051_Salpingoeca_urceolata_P026093 | OG0 |
                                          Salkve EP00050 Salpingoeca kvevrii P002308 | OG0 |
                             85
                                     100
                                              Salkve EP00050 Salpingoeca kvevrii P002313 | OG0 |
                                         Salurc_EP00051_Salpingoeca_urceolata_P001646 | OG0 |
                          80
                                            Salmac_EP00052_Salpingoeca_macrocollata_P009283 | OG0 |
                              87
                                 90
                                             Salpun_EP00053_Salpingoeca_punica_P020603 | OG0 |
                                            Didcos EP00039 Didymoeca costata P028300 | OG0 |
                                            Stedip EP00041 Stephanoeca diplocostata P010231 | OG0 |
                                              Diagra_EP00040_Diaphanoeca_grandis_P000215 | OG0 |
                                              Acaspe_EP00035_Acanthoeca_spectabilis_P036667 | OG0 |
                                              •Helnan_EP00037_Helgoeca_nana_P020227 | OG0 |
0.416667
```