```
•Fspp ffun1.m4.734.m1 | OG0 |
                       100
          28
                           100
   87
               100
                        100
                   98
        86
                   99
                      100
          45
             46
                 100
                     94
                        100
                                 100
                       100
                            •Ocar g7072 | OG1 |
                100
   87
            92
                  100
                              •Lcom_lcpid5616 | OG1 |
                      100
                          98
              97
                             100
                    99
                       49
                                 100
      81
                      <sup>100</sup><sup>1</sup>Tadh_TriadT58339 | OG1 |
                  100
                      99
                   45
                      92
         91
               100
                      100
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                      100
                          100
            52
                       100
                  100
                      98
                         100
                  99
0.416667
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Salkve EP00050 Salpingoeca kvevrii P018709 | OG0 |
      •Mbre EDQ87874 | OG0 |
       Chofle EP00730 Choanoeca flexa P002597 | OG0 |
     Choper EP00045 Choanoeca perplexa P013840 | OG0 |
     •Microa_EP00043_Microstomoeca_roanoka_P014869 | OG0 |
    Sros EGD75791 | OG0 |
         Salinf EP00049 Salpingoeca infusionum P007666 | OG0 |
              Salinf EP00049 Salpingoeca infusionum P007667 | OG0 |
   Didcos EP00039 Didymoeca costata P028469 | OG0 |
  •Diagra_EP00040_Diaphanoeca_grandis_P041398 | OG0 |
   Stedip_EP00041_Stephanoeca_diplocostata_P000373 | OG0 |
    Acaspe EP00035 Acanthoeca spectabilis P022179 | OG0 |
<sup>100</sup><sup>□</sup>-Helnan_EP00037_Helgoeca_nana_P019705 | OG0 |
    Salurc_EP00051_Salpingoeca_urceolata P027977 | OG0 |
   Salmac_EP00052_Salpingoeca macrocollata P024764 | OG0 |
       -Salpun_EP00053_Salpingoeca_punica_P016055 | OG0 |
    Saldol EP00054 Salpingoeca dolichothecata P017196 | OG0 |
            •Mylflu_EP00047_Mylnosiga_fluctuans_P003355 | OG0 |
              Codhol EP00042 Codosiga hollandica P036716 | OG0 |
Eupdun Edun sb10628603 | OG1 |
   •Lampan_Lpan_13373_01 | OG1 |
     Coemet_Cmet_scaffold21416_01 | OG1 |
     -Vmul_Simscaffold1590_01 | OG1 |
    Horcal Hcv1.av93.c9.g175.i1 | OG1 |
  <sup>100</sup> Pbac sb2656742 | OG1 |
        <u>-</u>Drygla_Dgla_sb300616 | OG1 |
     <sup>100</sup> Drygla_Dgla_sb300617 | OG1 |
        <sub>'</sub>Beraby_Baby_sb336665 | OG1 |
     <sup>1001</sup>Beraby_Baby_sb336666 | OG1 |
     •Mlei ML0179.g18.i1 | OG1 |
          Bolinf Binf sb1258675 | OG1 |
          Bolinf Binf sb1258674 | OG1 |
          <sup>1</sup>Bolinf Binf sb1258676 | OG1 |
          Mertsp Mesp sb541643 | OG1 |
            Bolinf Binf sb1258672 | OG1 |
             Bolinf Binf sb1258671 | OG1 |
            <sup>11</sup>Bolinf Binf sb1258673 | OG1 |
Opea_EP00118_Oscarella_pearsei_P001446 | OG1 |
 •Plajan Pjan_scaffold15526_01 | OG1 |
  Plajan Pjan scaffold15523 01 | OG1 |
<sup>95</sup> Plajan Pjan scaffold15524 01 | OG1 |
Clacor_Ccor_scaffold11981_01 | OG1 |
   Clacor_Ccor_C523893_01 | OG1 |
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        •Gracom_Gcom_C559262_01 | OG1 |
   <sup>98</sup><sup>1</sup>-Scil scict005684.2 | OG1 |
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          •Aque_Aqu2.1.39758_001 | OG1 |
          •Halamb c50453 g1 i6mm.3497 | OG1 |
     •Tetwil_g12287.t3 | OG1 |
     •Stycar_maker-SC_scaffold388-snap-gene-0.6-mRNA-1 | OG1 |
                      Emue Em0015g299a.t1 | OG1 |
           <sup>63</sup> Spolac_c101294_g1_i1_m.25194c101294-g1 | OG1 |
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                          -Emue Em0015g286a.t1 | OG1 |
TrH2_TrispH2_002864-RA |
•HoiH11 mRNA9601 | OG1 |
   •HoiH23 PIH23 009227-RA | OG1 |
   HoiH06_mRNA1027 | OG1 |
    <sub>"</sub>Hhon_g05034.t1 | OG1 |
 <sup>100</sup> HoiH04 mRNA5691 | OG1 |
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       Spur XM 030991425.1 | OG1 |
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                Dpul mRNA1735 | OG1 |
               <sup>74</sup> Dpul mRNA28161 | OG1 |
    Chem_TCONS_00050876 | OG1 |
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  •Exapal XM 021038899.2 | OG1 |
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  •Spis XP 022793454 1 | OG1 |
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        •Gasp gasp1.m3.18441.m1 | OG1 |
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