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Codhol EP00042 Codosiga hollandica P040423 | OG0 |
                        -Xestes_augustus_masked-XT_scaffold92364-processed-gene-0.340-mRNA-1 | OG0 |
                Saldol_EP00054_Salpingoeca_dolichothecata_P004354 | OG0 |
    55
                                 Lcom_lcpid197344 | OG0 |
                             Salpun EP00053 Salpingoeca punica P017053 | OG1 |

    Salmac EP00052 Salpingoeca macrocollata P000873 | OG1 |

       85
               Galmac_EP00052_Salpingoeca_macrocollata_P000874 | OG1 |
     73
                   Didcos_EP00039_Didymoeca_costata_P019951 | OG1 |
                -Stedip_EP00041_Stephanoeca_diplocostata_P039654 | OG1 |
       98
                     Diagra EP00040 Diaphanoeca grandis P023495 | OG1 |
                       Acaspe EP00035 Acanthoeca spectabilis P019820 | OG1 |
                       •Helnan_EP00037_Helgoeca_nana_P010371 | OG1 |
                •Salurc_EP00051_Salpingoeca_urceolata_P027280 | OG1 |
                   •Mbre_EDQ91319 | OG1 |
                    •Chofle_EP00730_Choanoeca_flexa_P014808 | OG1 |
          100
                   •Choper EP00045 Choanoeca perplexa P004069 | OG1 |
     66
                        •Mylflu_EP00047_Mylnosiga_fluctuans_P004405 | OG1 |
           96
                     •Mylflu_EP00047_Mylnosiga_fluctuans_P005334 | OG1 |
                   •Salkve_EP00050_Salpingoeca_kvevrii_P022635 | OG1 |
                        Salkve EP00050 Salpingoeca kvevrii P022636 | OG1 |
                     Salinf EP00049 Salpingoeca infusionum P025396 | OG1 |
         63
                     Sros EGD80844 | OG1 |
           100
                          •Microa_EP00043_Microstomoeca_roanoka_P002756 | OG1 |
               100
                  1001-Microa EP00043_Microstomoeca_roanoka_P002757 | OG1 |
                           •Nvec v1g159424 | OG1 |
                          •Plespi Pspi C592568 01 | OG1 |
                      Chem_TCONS_00047906 | OG1 |
                       -Chem_TCONS_00023132 | OG1 |
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                      •Hvul_g12518_1 | OG1 |
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               Aaur_scaffold255.g3.t1 | OG1 |
                   Sanmal Sma 026151-T1 | OG1 |
                    •Nemnom_g4424.t1 | OG1 |
                <sup>100</sup><sup>-</sup>-Rhoesc Res 013037-T1 | OG1 |
                  •Plajan_Pjan_C542706_01 | OG1 |
                 ·Opea EP00118 Oscarella pearsei P025449 | OG1 |
              <sup>100</sup><sup>1</sup>•Ocar_g1754 | OG1 |
     47
                    Clacor_Ccor_C524651_01 | OG1 |
                        •Lcom_lcpid31558 | OG1 |
           88
                          Clacor Ccor C522069 01 | OG1 |
                            •Lcom | lcpid74805 | OG1 |
                100
                           Leuniv_Lniv_scaffold25193_01 | OG1 |
                   100
                              •Gracom_Gcom_scaffold11373_01 | OG1 |
                                ·Scil_scict012527.1 | OG1 |
               -Stycar maker-SC scaffold2125-snap-gene-0.162-mRNA-1 | OG1 |
                    •Aque Aqu2.1.43368 001 | OG1 |
                100
                      -Xestes maker-XT scaffold40347-augustus-gene-0.27-mRNA-1 | OG1 |
                       Stycar_augustus_masked-SC_scaffold2910-processed-gene-0.2-mRNA-1 | OG1 |
             76
                       •Tetwil_g6834.t1 | OG1 |
               69
                        •Emue Em0010g908a.t1 | OG1 |
                          <sub>|</sub>Spolac_c102351_g2_i2_m.28982c102351-g2 | OG1 |
         49
                             •Spolac_c102351_g2_i3_m.28984c102351-g2 | OG1 |
                   •Xesp_020614-T1 | OG1 |
                   <sub>!</sub>Dgig_XM_028543669.1 | OG1 |
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                 <sup>1001</sup>Dgig XM 028557897.1 | OG1 |
                    •Exapal XM 021044922.2 | OG1 |
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                    •Nvec_v1g165649 | OG1 |
                      -Spis_XP_022783627_1 | OG1 |
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                   <sup>97</sup>-Pocdam_XM_027186983.1 | OG1 |
                        -Gasp_gasp1.m3.24740.m1 | OG1 |
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                         Fspp ffun1.m4.3100.m1 | OG1 |
                        <sup>64</sup>L-Gfas_gfas1.m1.19896.m1 | OG1 |
                         •Gfas_gfas1.m1.18670.m1 | OG1 |
                          <sub>J</sub>Adig_XM_015911106.1 | OG1 |
                        <sup>100</sup> Amil Amillepora04491-RA | OG1 |
                •Morvir scaffold48.g27.t1 | OG1 |
                    <sub>[</sub>TrH2_TrispH2_006716-RA | OG1 |
         80
                  <sup>901</sup>Tadh_TriadT20253 | OG1 |
                       •HoiH11_mRNA1911 | OG1 |
                        HoiH23 PIH23 010104-RA | OG1 |
                      <sup>99</sup> HoiH06 mRNA5959 | OG1 |
                         Hhon g10284.t1 | OG1 |
       88
                      <sup>100</sup> HoiH04_mRNA14974 | OG1 |
                   Spur_XM_789971.5 | OG1 |
            88
                      •Cscu XM 023365518.1 | OG1 |
                     Acagra model.g1284.t1.1.5d3b82d5 | OG1 |
         100
                        •Cgig_XM_011446477.3 | OG1 |
              100
                             ·Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA177112 | OG1 |
            89
                               •Dpul mRNA5113 | OG1 |
                              •Hsap ENST00000085068 | OG1 |
                         Bralan BLAG09000553 1 | OG1 |
                        •Skow_XM_002739020.2 | OG1 |
                    •Hsap_ENST00000173527 | OG1 |
                   Spur_XM_030985596.1 | OG1 |
                <sup>1001</sup>Spur XM 030973278.1 | OG1 |
                   Bralan BLAG04000285 1 | OG1 |
         95
                    Skow_XM_002735371.2 | OG1 |
                            •Dpul_mRNA14986 | OG1 |
                     Acagra_model.g14031.t1 | OG1 |
                           •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA225831 | OG1 |
                             •Cgig XM 034482424.1 | OG1 |
                      •TrH2 TrispH2 000038-RA | OG1 |
                   <sup>99</sup> -Tadh_TriadT52383 | OG1 |
                100
                         •Hhon_g11561.t1 | OG1 |
                        Hhon g11562.t1 | OG1 |
                      <sup>58</sup> HoiH04 mRNA17393 | OG1 |
                      •Vmul_SimC385746 | OG1 |
                                Coeast_Cast_sb774114 | OG1 |
         86
                 85
                             1001 Coeast_Cast_sb774115 | OG1 |
                              Coemet Cmet scaffold5635 01 | OG1 |
                            <sup>991</sup>Coemet Cmet_scaffold5636_01 | OG1 |
                       Horcal_Hcv1.av93.c5.g942.i1 | OG1 |
                          Pbac sb2656770 | OG1 |
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                    100
                                         fHorcal_Hcv1.av93.c5.g942.i3 | OG1 |
                                       Horcal_Hcv1.av93.c5.g942.i5 | OG1 |
                                          <sup>1</sup> Horcal_Hcv1.av93.c5.g942.i4 | OG1 |
                           Drygla_Dgla_sb291341 | OG1 |
                         <sup>65</sup> Drygla_Dgla_sb291340 | OG1 |
                      100
                           Drygla Dgla sb291342 | OG1 |
                         <sup>1001</sup>Drygla Dgla_sb291343 | OG1 |
                              -Lampan_Lpan_7827_01 | OG1 |
                             •Mlei_ML0028.g12.i1 | OG1 |
                        86
                                Bolinf_Binf_sb1231457 | OG1 |
                             100 Bolinf Binf sb1231458 | OG1 |
                             Bolinf Binf sb1295683 | OG1 |
                          <sup>100</sup> Mertsp_Mesp_sb533529 | OG1 |
                             Beraby_Baby_sb335879 | OG1 |
                          <sup>11</sup>Beraby Baby sb335880 | OG1 |
0.416667
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