```
Spur XM 779219.5 | OG0 |
                 TrH2 TrispH2 000021-RA|OG0|
   61
               <sub>e</sub>Hhon_g04012.t1 | OG0 |
            100
                     •HoiH04 mRNA4090 | OG0 |
                        •HoiH11 mRNA7275 | OG0 |
                         HoiH23 PIH23 000871-RA | OG0 |
                      <sup>98</sup> HoiH06_mRNA14292 | OG0 |
                •Plespi_Pspi_scaffold13048_01 | OG0 |
 68
                        Lcom | lcpid240107 | OG0 |
     49
                       •Tetwil g1703.t2 | OG0 |
                    -Emue_Em0071g21a.t1 | OG0 |
        57
               <sup>100</sup><sup>1</sup>-Spolac_c99753_g2_i1_m.20497c99753-g2 | OG0 |
          86
                     ·Xestes_maker-XT_scaffold21070-augustus-gene-0.60-mRNA-1 | OG0 |
                     -•Aque_Aqu2.1.37477_001 | OG0 |
                      Halamb c9991 g1 i1m.1577 | OG0 |
                   Bolinf_Binf_sb1253063 | OG0 |
                <sup>100</sup> Mertsp_Mesp_sb577530 | OG0 |
                          Eupdun_Edun_sb10641748 | OG0 |
                       <sup>100</sup> -Eupdun_Edun_sb10641749 | OG0 |
             100
                             Lampan Lpan C405201 01 | OG0 |
                             •Vmul sbMO426119 | OG0 |
                              Coeast_Cast_sb782404 | OG0 |
               62
                          •Horcal_Hcv1.av93.c2.g837.i1 | OG0 |
                             Pbac sb2655891 | OG0 |
                          <sup>100</sup> Pbac sb2655892 | OG0 |
                          Drygla_Dgla_sb284382 | OG0 |
                            <sub>"</sub>Bolinf_Binf_sb1208981 | OG0 |
                              <sub>_</sub>Mertsp_Mesp_sb560250 | OG0 |
                            <sup>67</sup> Beraby_Baby_sb332551 | OG0 |
                             Drygla Dgla sb289890 | OG0 |
                               Mlei ML0935.g2.i1 | OG0 |
                            <sup>100</sup> Vmul_sbMO426120 | OG0 |
                         100
                               •Mertsp_Mesp_sb557919 | OG0 |
                                 Bolinf_Binf_sb1243146 | OG0 |
                               <sup>62</sup> Mertsp_Mesp_sb557918 | OG0 |
                 •Hsap_ENST00000356708 | OG2 |
                •Clacor_Ccor_C531383_01 | OG2 |
                     Clacor_Ccor_scaffold11369_01 | OG2 |
                        Lcom_lcpid105696 | OG2 |
             100
                          Gracom Gcom scaffold15232 01 | OG2 |
                           •Leuniv_Lniv_scaffold2840_01 | OG2 |
                             <sub>'</sub>Scil_scict007932.3 | OG2 |
                       99
   37
                          <sup>100</sup> Lcom_lcpid210959 | OG2 |
               •Skow XM 002739503.2 | OG3 |
                    ·Cscu XM 023364964.1 | OG3 |
            88
                           Bralan_BLAG05000792_2 | OG3 |
                      •Dpul_mRNA23433 | OG3 |
     64
                       ·Tcas_TC009010_001 | OG3 |
                         Lcom Icpid167711 | OG3 |
        75
                      •Lcom _lcpid212646 | OG3 |
                      •Lcom_lcpid162701 | OG3 |
                 <sup>100</sup> •Lcom_lcpid108856 | OG3 |
          78
                         •Cgig_XM_034449570.1 | OG3 |
                         •Aaur_scaffold6777.g1.t1 | OG3 |
            69
                   <sup>85</sup> Acagra model.g8491.t1 | OG3 |
                               •Lcom | lcpid129497 | OG3 |
              61
                              •Ctel_gnl_WGS_AMQN_CAPTEDRAFT_mRNA95270 | OG3 |
                        <sup>100</sup> Ctel _gnl_WGS_AMQN_CAPTEDRAFT_mRNA173744 | OG3 |
                    -Lcom_lcpid164555 | OG1 |
                 100<sup>1</sup>-Lcom | lcpid229256 | OG1 |
                     •Lcom_lcpid255626 | OG1 |
                 Coemet_Cmet_C559737_01 | OG1 |
                     Hvul_g27472_1 | OG1 |
                  Chem TCONS_00050799 | OG1 |
       89
                  Morvir_scaffold282.g24.t1 | OG1 |
                 Sanmal_Sma_009560-T1 | OG1 |
                  •Nemnom_g16894.t1 | OG1 |
               <sup>100</sup><sup>1</sup>-Rhoesc_Res_013804-T1 | OG1 |
                   Opea_EP00118_Oscarella_pearsei_P017648 | OG1 |
                <sup>100</sup><sup>1</sup>-Ocar_g10153 | OG1 |
                    -Xesp_003605-T1 | OG1 |
        61
               <sup>100</sup><sup>1</sup>-Dgig_XM_028542341.1 | OG1 |
                       •Nvec_v1g239595 | OG1 |
          70
                     Exapal XM 021044681.2 | OG1 |
                      Amil_Amillepora03635-RA | OG1 |
            100
                   <sup>100</sup> Adig_XM_015919148.1 | OG1 |
                      •Gfas_gfas1.m1.6075.m1 | OG1 |
                            •Pocdam_XM_027183669.1 | OG1 |
                             -Spis_Spis5580_1 | OG1 |
                          •Fspp_ffun1.m4.9920.m1 | OG1 |
                        <sup>96]</sup>-Gasp_gasp1.m3.7689.m1 | OG1 |
0.416667
```