Additional file 8: Phylogenetic tree of ciliates from the SAL (Spirotrichea, Armophorea, Litostomatea) group. The maximum likelihood phylogenetic tree was constructed with PhyML v3.0 using the GTR+G+I model. Branch supports were calculated using a Chi2-based parametric approximate likelihood-ratio test and are represented by black circles for values above 0.90 and gray circles for values between 0.7 and 0.89. OTU sequences are in bold. The horizontal barplots represent the normalized total abundance of each OTU in the three compartments: SW in blue, M.Sarg in brown and T.Sarg in green.