

Supplementary Table S2.	Primer Sequences	
Primer Name	Sequence	Reference
	<b>Primers for metagenome sequencing</b>	
1st PCR		
Forward mlCOIintF	ACA CTC TTT CCC TAC ACG ACG CTC TTC CGA TCT NNN NNN GGW ACW GGW TGA ACW GTW TAY CCY CC	Leray et al., 2013
Reverse HCO2198	GTG ACT GGA GTT CAG ACG TGT GCT CTT CCG ATC TNN NNN NTA AAC TTC AGG GTG ACC AAA AAA TCA	Folmer et al., 1994
2nd PCR i5		
S501	AAT GAT ACG GCG ACC ACC GAG ATC TAC AC TAGATCGC ACA CTC TTT CCC TAC ACG ACG CTC TTC CGA TCT	
S502	AAT GAT ACG GCG ACC ACC GAG ATC TAC AC CTCTCTAT ACA CTC TTT CCC TAC ACG ACG CTC TTC CGA TCT	
2nd PCR i7		
N701	CAA GCA GAA GAC GGC ATA CGA GAT TAAGGCGA G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
N702	CAA GCA GAA GAC GGC ATA CGA GAT CGTACTAG G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
N703	CAA GCA GAA GAC GGC ATA CGA GAT AGGCAGAA G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
N704	CAA GCA GAA GAC GGC ATA CGA GAT TCCTGAGC G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
N705	CAA GCA GAA GAC GGC ATA CGA GAT GGACTCCT G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
N706	CAA GCA GAA GAC GGC ATA CGA GAT TAGGCATG G TGA CTG GAG TTC AGA CGT GTG CTC TTC CGA TCT	
	<b>Primers for mitochondrial 16S rRNA to check the haplotype of Placozoa</b>	
Forward	GTT AAT TGC TGG CCT GTA TG	Voight et al., 2004
Reverse	TAC GCT GTT ATC CCC ATG GTA ACT TT	Signoroovitch et al., 2006