



Figure S2. Estimated sequence diversity increase by parallel sequencing amplicons in LCO and HCO direction on the MiSeq. Estimated proportion of nucleotides per read position based on a majority consensus sequence of the 31 *Dinocras cephalotes* specimens using all 10 primer pairs developed in this study. The mean deviation from an ideal distribution of bases (each 25%) is indicated at the top right of each plot. **A** and **B** show the distribution of bases when LCO (read 1) and then HCO (read 2) is sequenced in the MiSeq run. In **C** both primers are sequenced in parallel in read 1 and read 2, which increases per-position diversity.