**Supplementary materials**

**Figure legends:**

**Figure S1.** Venn diagram representing the overlap of OTUs among different samples. FLR: FL fraction at RNA level; FLD: FL fraction at DNA level; PAR: PA fraction at RNA level; PAD: PA fraction at DNA level.

**Figure S2.** UPGMA clustering based on square root transformed OTUs abundance from different samples at DNA (A) and RNA (B) level.



**Figure S1**



**Figure S2**