(A) Results of analysis

(B) Distribution of bacterial groups

- Actinobacteria
- Alphaproteobacteria
- Bacteroides
- Cyanobacteria
- Gammaproteobacteria
- Marine Group II
- SAR11
- SAR116
- SAR324

- - - - 1% (≈ 10^4 cells)
- - - - 0.1% (≈ 10^3 cells)
**Abundance of putative host ASVs**

- **1% (≥10⁴ cells)**
- **0.1%~1% (≥10³ cells)**
- **<0.1% (<10³ cells)**

**D**

- **Numbers of detected viruses by host prediction**
- **Number of co-occurring viruses per ASV (average)**
Absolute

Relative

True host taxa
False host taxa

Number of interaction/ASV

(E)

(F)

(G)

Number of interaction/ASV

(H)

(I)

1.0E+00
1.0E+02
1.0E+04
1.0E+06
1.0E+08

Prokaryotic cell counts
VLP

(H)

Number of pairs

(I)

Absolute
Relative