



Additional file 4. The diversity of gut DNA virome of migratory seagulls in this study.

a. The Chao1 index between HG and HXQ group

b. The Shannon index between HG and HXQ group

c. The Chao1 index between Nov and Jan group

d. The Shannon index between Nov and Jan group

e. The PCoA of annotated contigs between HG and HXQ group

f. The PCoA of annotated contigs between Nov and Jan group

g. LefSe analysis of different abundance between HG and HXQ group at order level

h. LefSe analysis of different abundance between Nov and Jan group at order level

i. LefSe analysis of different abundance of contigs between Nov and Jan group