



**Figure S8. Anterior nares' community diversity in children infected with picornavirus (PV) indicated by total phylotype number, Simpson index (1-Lambda), and Pielou's evenness (J').**

A1 to C1: samples within the same individuals before and during PV infection (PVI) (n=6); A2 to C2: samples within the same individuals during and after PVI (n=8); A1 and A2: total number of phylotypes per child; B1 and B2: diversity calculated by Simpson index (1-Lambda); C1 and C2: comparison of the evenness calculated by Pielou's evenness (J'); Values of each child are represented as one dot; Calculation was based on phylotype level using PRIMER v6 software.