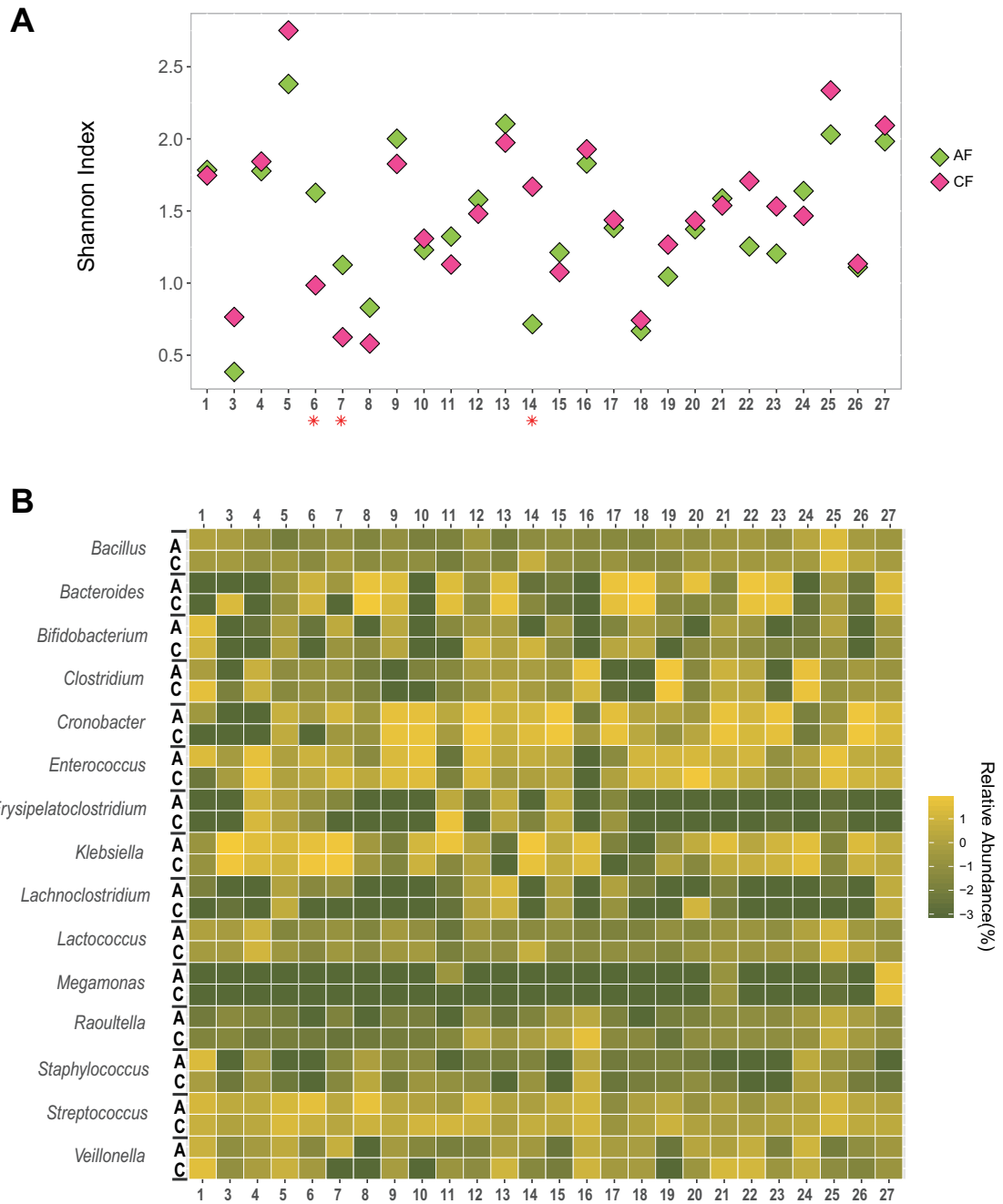


Title: Dynamic oropharyngeal and faecal microbiota during treatment in infants hospitalized for bronchiolitis compared with age-matched healthy subjects

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Supplementary Figure 1. Dynamic FM of pediatric patients during therapy.

A: AF and CF represent samples taken from diseased children before and after treatment. The 2nd sample was removed because lack of post-treatment data. Star signed below the patient number means Shannon index change >50%. **B:** The log₁₀ value of relative abundance was calculated and described in different colors. The X-axis provides the samples' ids. The Y-axis shows accumulated genera at different stages (A: 24 h after hospitalization; C: clinically recovered).



Supplementary Figure 2. Dynamic OP microbiota of pediatric patients

during therapy. **A:** AP and CP represent samples taken from children before and after treatment, respectively. The Y-axis shows the Shannon index (alpha-diversity) and the X-axis shows the sample id. Star signed below the patient number means Shannon index change >50%. **B:** The log₁₀ value of relative abundance was calculated and described in different colors. The X-axis

