



Fig. S1. (A) No correlation between Psoriasis Area and Severity Index (PASI) and Shannon diversity index in pharynx (Spearman's $R = -0.06$, $p > 0.05$) of patients with psoriasis. (B) No correlation between PASI and Shannon diversity index in lesional skin (Spearman's $R = 0.10$, $p > 0.05$) for patients with psoriasis.