Table S3A Alpha diversity indices of positive and negative subjects, grouped in <1year and >1year.

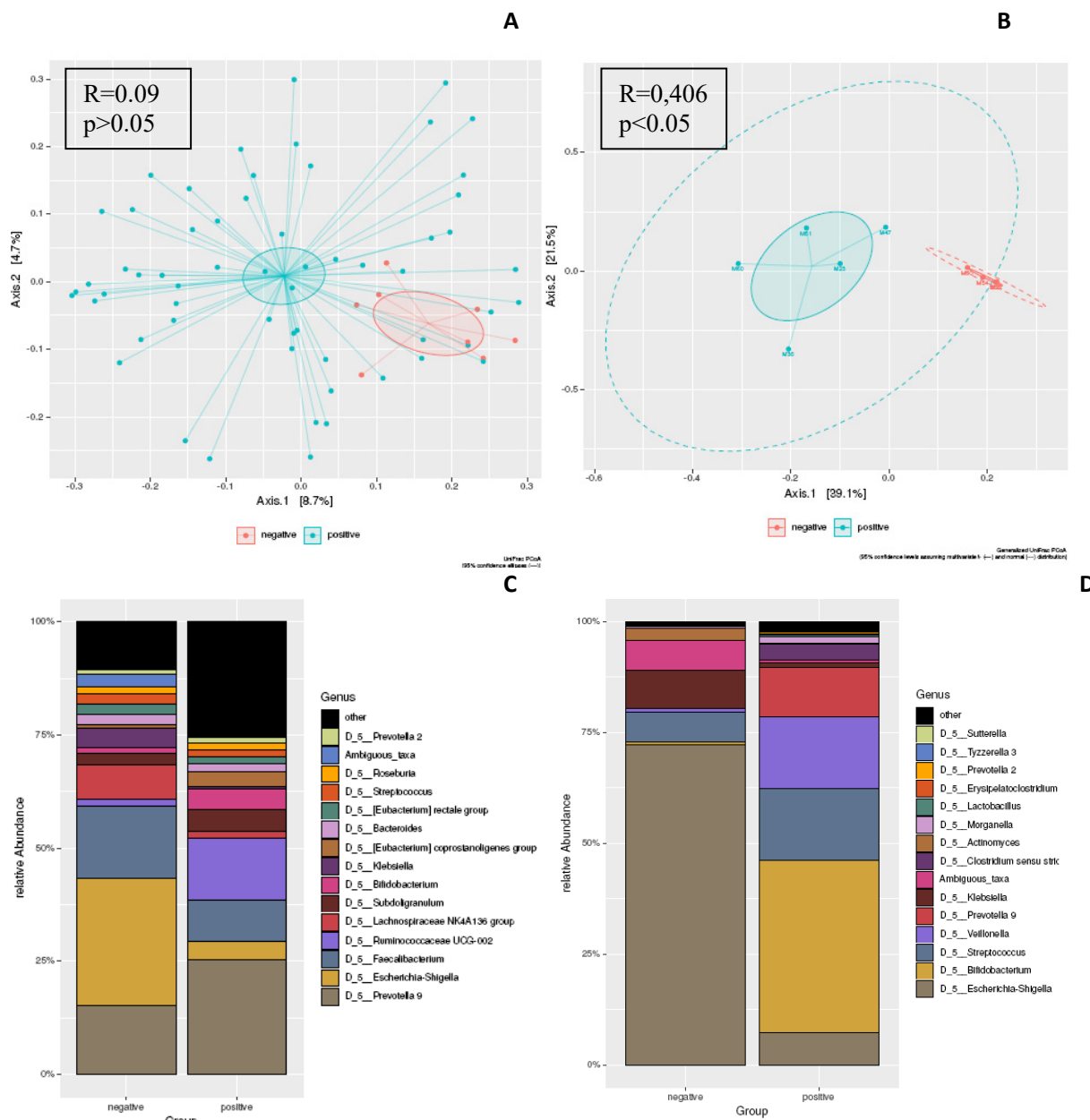| Variables	<1year	Median [min－max]	p value	>1year	Median [min－max]	p value
Patients (number)	Negative (4)	0.10 [0.02－0.17]	0.1271	Negative (8)	9.00 [3.00－30.00]	0.6389
	Positive (5)	0.25 [0.10－0.75]		Positive (59)	10.00 [1.80－59.00]	
Chao1 index	Negative (4)	30.25 [19.00－49.27]	0.1462	Negative (8)	150.70 [100.40－278.80]	0.0087
	Positive (5)	67.00 [20.00－95.07]	0.1462	Positive (59)	221.50 [98.60－610.00]	
Observed OTUs	Negative (4)	30.00 [19.00－46.00]	0.2359	Negative (8)	125.00 [82.00－201.00]	0.0037
	Positive (5)	46.00 [20.00－86.00]	0.2359	Positive (59)	179.00 [79.00－459.00]	
Faith's phylogenetic diversity	Negative (4)	2.259 [0.9572－12.040]	0.8066	Negative (8)	11.42 [8.457－15.23]	8.005E-05
	Positive (5)	4.654 [2.7080－8.697]	0.8066	Positive (59)	16.17 [7.271－34.15]	
Pielou's evenness	Negative (4)	0.5158 [0.3748－0.6605]	0.7370	Negative (8)	0.6546 [0.3435－0.7211]	0.1752
	Positive (5)	0.5549 [0.1764－0.6777]	0.7370	Positive (59)	0.7239 [0.4092－0.8355]	
Shannon index	Negative (4)	1.569 [1.3800－2.420]	0.8576	Negative (8)	3.138 [1.514－3.817]	0.0760
	Positive (5)	1.887 [0.6059－3.019]	0.8576	Positive (59)	3.636 [2.194－4.962]	

Figure S3. Positive versus negative subjects comparisons: Beta diversity analysis.
(S3 FigA): The UniFrac distances between positive (n=59) and negative (n=8) subjects (>1 year) using principal coordinate analysis (PCoA). (S3 FigB) The UniFrac distances between positive(n=5) and negative (n=4) subjects (< 1 year). (S3 FigC) The plot of top 15 relative bacterial abundances at the Genus level, showing a diversity of positive versus negative in > 1 year subjects (S3 FigD) The plot of top 15 relative bacterial abundances at the genus level, showing a diversity of positive versus negative in <1 year subjects.