

Table S2. Average percent taxonomy

Phylum	HC	SSc	Family	HC	SSc
Actinobacteria	39.58	33.01	Propionibacteriaceae	27.29	20.41
Firmicutes	28.03	25.74	Not_Assigned	15.41	16.59
Proteobacteria	19.76	22.88	Streptococcaceae	6.16	5.81
Bacteroidetes	5.79	7.63	Corynebacteriaceae	5.90	3.99
Not_Assigned	5.38	8.82	Moraxellaceae	4.84	5.86
Fusobacteria	0.87	0.84	Lactobacillaceae	3.65	2.56
Class			Enterobacteriaceae	3.03	2.56
Actinobacteria	39.54	32.98	Pseudomonadaceae	1.99	1.20
Bacilli	22.14	16.57	Ruminococcaceae	1.88	3.23
Gammaproteobacteria	12.47	12.32	Prevotellaceae	1.78	2.45
Clostridia	5.87	9.13	Bifidobacteriaceae	1.73	2.31
Not_Assigned	5.38	8.82	Neisseriaceae	1.52	2.53
Bacteroidia	4.04	6.11	Weeksellaceae	1.50	1.08
Betaproteobacteria	3.66	5.58	Tissierellaceae	1.43	1.50
Alphaproteobacteria	3.55	4.88	Bacteroidaceae	1.41	2.63
Flavobacteriia	1.73	1.42	Staphylococcaceae	1.36	1.01
Fusobacteriia	0.87	0.84	Xanthomonadaceae	1.31	1.44
Order			Veillonellaceae	1.20	2.49
Actinomycetales	37.81	30.67	Micrococcaceae	1.14	1.70
Not_Assigned	13.14	13.96	Genus		
Lactobacillales	11.94	9.50	Propionibacterium	27.29	20.41
Pseudomonadales	6.83	7.06	Not_Assigned	25.11	26.56

Clostridiales	5.87	9.13	Streptococcus	6.01	5.73
Bacteroidales	4.04	6.11	Corynebacterium	5.90	3.99
Enterobacteriales	3.03	2.56	Pediococcus	2.86	1.26
Bacillales	2.73	2.16	Enhydrobacter	2.58	3.62
Burkholderiales	1.84	2.75	Acinetobacter	2.25	2.24
Bifidobacteriales	1.73	2.31	Pseudomonas	1.99	1.20
Flavobacteriales	1.73	1.42	Prevotella	1.95	2.55
Neisseriales	1.52	2.53	Bacteroides	1.41	2.63
Xanthomonadales	1.31	1.44	Staphylococcus	1.36	1.01
			Chryseobacterium	1.23	0.75
			Faecalibacterium	1.19	2.24
			Bifidobacterium	1.18	1.01

HC Healthy control, *SSc* Systemic sclerosis