

1 Additional file 12. Table S7. Relative abundance of top 15 genera in airway bacteriome differing significantly between CON and untreated asthma
2 group.

Gram stain	Phylum	Class	Order	Family	Genus	More abundant (Untreated vs CON)
Positive	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Streptococcus	Untreated asthma
					Lactococcus	CON
				Lactobacillaceae	Pediococcus	CON
					Lactobacillus	CON
				Leuconostocaceae	Weissella	CON
		Clostridia	Clostridiales	Lachnospiraceae	Oribacterium	CON
					Catonella	CON
	Actinobacteria	Actinobacteria	Micrococcales	Demequinaceae	g__unclassified_f__Demequinaceae	CON
			Bifidobacteriales	Bifidobacteriaceae	Bifidobacterium	Untreated asthma
-	Patescibacteria	Saccharimonadia	Saccharimonadales	Saccharimonadaceae	norank_f_Saccharimonadaceae	CON
				norank_o__Saccharimonadales	norank_o__Saccharimonadales	CON
Negative	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	unclassified_f_Rhodobacteraceae	CON
		Gammaproteobacteria	Cellvibrionales	Halieaceae	unclassified_f_Halieaceae	CON
	Cyanobacteria	Oxyphotobacteria	Chloroplast	norank_o__Chloroplast	norank_o__Chloroplast	CON

-	unclassified_k_no rank_d__Bacteria	unclassified_k_noran k_d__Bacteria	unclassified_k_no rank_d__Bacteria	unclassified_k_no rank_d__Bacteria	unclassified_k_no rank_d__Bacteria	Untreated asthma
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