

Table 3. ASVs represented in all four host families as either positively (+) or negatively (-) associated with ectoparasitism

ASV taxonomy			Ectoparasite Association
Actinobacteria			
Actinobacteri			
a			
Actinomycetales			
	Corynebacteriaceae	<i>Corynebacterium</i> sp.	+
	Dermabacteraceae	<i>Brachybacterium</i> sp.	-
	Dermacoccaceae	<i>Dermacoccus</i> sp.	+
	Geodermatophilaceae		
	e	<i>Geodermaphilus</i> sp.	-
	Intrasporangiaceae	<i>Janibacter</i> sp.	+
	Microbacteriaceae	<i>Fronthabitans</i> sp.	-
	Micrococcaceae	<i>Kocuria</i> sp.	+
	Pseudonocardiaceae	<i>Actinomycetospora</i> sp.	-
Firmicutes			
Bacilli			
Bacillales			
	Bacillaceae	<i>Lentibacillus</i> sp.	+
Proteobacteria			
Alphaproteobacteria			
Rhizobiales			
	Rhizobiaceae	<i>Agrobacterium</i> sp.	+
Betaproteobacteria			
Sphingomonadales			
	Sphingomonadaceae	<i>Kaistobacter</i> sp.	+
		<i>Sphingomonas</i> sp.	-
Burkholderiales			
	Oxalobacteraceae	<i>Janthinobacterium lividum</i>	+
Gammaproteobacteria			
Pseudomonadales			
	Moraxellaceae	<i>Acinetobacter</i> sp.	+