

Table S3. DESeq results: ESVs from the skin that were identified as significantly enriched in either non-ectoparasitized (positive log2FoldChange values; black or ectoparasitized (negative log2FoldChange values; red) bats.

Host_family	baseMean	log2FoldChange	lfcSE	stat	pvalue	padj	Rank1	Rank2	Rank3	Rank4	Rank5	Rank6	Rank7
Hipposideridae	33.3360233	-25.65717963	2.84165626	-9.0289526	1.73E-19	4.77E-17	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Saprosiraceae	Unclassified	Unclassified
Hipposideridae	24.9053051	-25.44743324	2.961084869	-8.5939561	8.40E-18	1.54E-15	Bacteria	Proteobacteria	Gammaproteobacteria	Salinisphaerales	Salinisphaeraceae	Salinisphaera	Unclassified
Hipposideridae	21.6441823	-25.2429634	2.961117027	-8.5248111	1.53E-17	2.68E-15	Bacteria	Bacteroidetes	[Rhodothermi]	[Rhodothermales]	[Balneolaceae]	KSA1	Unclassified
Hipposideridae	35.4879494	-25.2388568	2.420732479	-10.426124	1.88E-25	3.63E-22	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Unclassified	Unclassified
Hipposideridae	20.5283726	-25.17048193	2.799904489	-8.9897645	2.48E-19	6.36E-17	Archaea	Euryarchaeota	Halobacteria	Halobacteriales	Halobacteriaceae	Natronomonas	Unclassified
Hipposideridae	33.6261871	-24.50404309	2.849792516	-8.5985358	8.07E-18	1.54E-15	Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Unclassified	Unclassified
Hipposideridae	11.6313092	-24.40177521	2.306373551	-10.580149	3.68E-26	1.42E-22	Bacteria	Proteobacteria	Gammaproteobacteria	Salinisphaerales	Salinisphaeraceae	Salinisphaera	Unclassified
Hipposideridae	5.78175293	-23.45826935	2.497594017	-9.3923469	5.87E-21	3.23E-18	Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Alcanivoracaceae	Alcanivorax	Unclassified
Hipposideridae	44.391983	-9.110914131	2.339431242	-3.8944996	9.84E-05	0.01148019	Bacteria	Proteobacteria	Gammaproteobacteria	Chromatiales	Ectothiorhodospiraceae	Unclassified	Unclassified
Hipposideridae	277.237854	-6.60493886	1.518580924	-4.3494151	1.37E-05	0.00175176	Bacteria	Bacteroidetes	[Rhodothermi]	[Rhodothermales]	[Balneolaceae]	KSA1	Unclassified
Hipposideridae	70.8563568	-6.389388446	1.413078047	-4.5216104	6.14E-06	0.00081475	Bacteria	Proteobacteria	Gammaproteobacteria	Salinisphaerales	Salinisphaeraceae	Salinisphaera	Unclassified
Hipposideridae	403.611788	-6.270630576	1.107148163	-5.6637682	1.48E-08	2.28E-06	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Unclassified	Unclassified
Hipposideridae	44.8861438	7.644821161	1.885374384	4.05480271	5.02E-05	0.00615871	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Chitinophagaceae	Unclassified	Unclassified
Hipposideridae	15.8097063	9.002077621	2.222664025	4.05012972	5.12E-05	0.00615871	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Luteibacter	rhizovicinus
Hipposideridae	36.9729559	9.667104592	2.044794813	4.72766486	2.27E-06	0.00032385	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Hipposideridae	0.89485376	20.86870844	2.959888545	7.05050482	1.78E-12	2.86E-10	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiodiaceae	Unclassified	Unclassified
Hipposideridae	0.89485376	20.86870883	2.959888544	7.05050495	1.78E-12	2.86E-10	Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Devosia	Unclassified
Hipposideridae	4.93611809	23.27919885	2.527845745	9.20910578	3.29E-20	1.06E-17	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nakamurellaceae	Unclassified	Unclassified
Hipposideridae	6.0392616	23.56015701	2.546061692	9.25356879	2.17E-20	8.36E-18	Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Unclassified	Unclassified
Hipposideridae	6.15431009	23.58277186	2.72388647	8.65776607	4.81E-18	9.75E-16	Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	[Weeksellaceae]	Unclassified	Unclassified
Hipposideridae	6.20940611	23.59952012	2.545088156	9.27257473	1.82E-20	7.77E-18	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Sinobacteraceae	Unclassified	Unclassified
Hipposideridae	7.48028504	23.62760844	2.562780411	9.21952124	2.98E-20	1.04E-17	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Unclassified	Unclassified
Hipposideridae	6.8718056	23.73606007	2.731340242	8.69026118	3.62E-18	7.73E-16	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Hipposideridae	8.66930761	24.05903572	2.574969728	9.34342468	9.33E-21	4.49E-18	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Hipposideridae	10.1050997	24.23263237	2.758293021	8.78537276	1.56E-18	3.53E-16	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Chitinophagaceae	Unclassified	Unclassified
Hipposideridae	11.7961065	24.49313991	2.767890018	8.84902931	8.83E-19	2.12E-16	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Hipposideridae	13.3303502	24.62715736	2.597856709	9.4797982	2.55E-21	1.63E-18	Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Alcanivoracaceae	Alcanivorax	Unclassified
Hipposideridae	15.0738992	24.73109623	2.44240381	10.1257196	4.25E-24	4.09E-21	Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Alcanivoracaceae	Alcanivorax	Unclassified
Hipposideridae	33.8904008	25.96995682	2.521288461	10.300272	7.03E-25	9.02E-22	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Miniopterus	9.91594853	-25.58567541	2.017479186	-12.682002	7.44E-37	1.13E-33	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Alkanindiges	Unclassified
Miniopterus	9.86344729	-8.50285269	2.025199058	-4.1985269	2.69E-05	0.00870641	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Acinetobacter	Unclassified
Miniopterus	606.594629	-2.376277139	0.559035525	-4.2506729	2.13E-05	0.00743821	Bacteria	Firmicutes	Bacilli	Bacillales	Staphylococcaceae	Staphylococcus	Unclassified
Miniopterus	475.832275	2.315050715	0.485464246	4.76873577	1.85E-06	0.00076463	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified
Miniopterus	92.5081738	4.319454662	1.138716109	3.79326737	0.00014868	0.04497011	Archaea	Euryarchaeota	Halobacteria	Halobacteriales	Halobacteriaceae	Halococcus	Unclassified
Miniopterus	96.4689286	4.819654198	1.073981799	4.4876498	7.20E-06	0.00272217	Bacteria	Proteobacteria	Gammaproteobacteria	Legionellales	Coxiellaceae	Rickettsiella	Unclassified
Miniopterus	16.2221811	6.873850559	1.233974991	5.57049422	2.54E-08	1.15E-05	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Miniopterus	59.749205	8.111218933	1.329825481	6.09946121	1.06E-09	5.37E-07	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified
Miniopterus	0.98024775	20.38460648	2.931930405	6.9526229	3.59E-12	2.03E-09	Bacteria	Proteobacteria	Deltaproteobacteria	Myxococcales	unclassified	Unclassified	Unclassified
Miniopterus	15.314646	21.98481035	1.96908994	11.16496	6.05E-29	5.49E-26	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Miniopterus	46.8275783	23.45661248	1.763147258	13.3038306	2.20E-40	4.99E-37	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Miniopterus	10.2817702	23.72426544	2.024424912	11.7190148	1.02E-31	1.16E-28	Bacteria	Cyanobacteria	Chloroplast	Stramenopiles	unclassified	Unclassified	Unclassified
Miniopterus	29.1518671	24.8954245	2.440446386	10.2011766	1.96E-24	1.27E-21	Bacteria	Tenericutes	Mollicutes	Entomoplasmatales	Entomoplasmataceae	Entomoplasma	Unclassified
Miniopterus	26.8833469	25.05865373	1.665395292	15.0466702	3.63E-51	1.65E-47	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Pteropodidae	197.918879	-7.705987738	1.445731453	-5.3301654	9.81E-08	4.38E-05	Bacteria	Proteobacteria	Gammaproteobacteria	Pasteurellales	Pasteurellaceae	Avibacterium	Unclassified
Pteropodidae	11.6562082	-5.19327303	1.577955943	-3.2911394	0.00099782	0.0306917	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Pseudonocardiaceae	Actinomycetospora	Unclassified
Pteropodidae	46.3280145	-3.177959536	0.941405521	-3.3757605	0.00073612	0.02626475	Bacteria	Proteobacteria	Gammaproteobacteria	Oceanospirillales	Halomonadaceae	Candidatus Portiera	Unclassified
Pteropodidae	222.317519	2.145584572	0.618996233	3.46623203	0.00052781	0.02264072	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermabacteraceae	Brachy bacterium	Unclassified
Pteropodidae	726.212554	2.457775804	0.700785138	3.50717455	0.00045289	0.02244331	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Brevibacteriaceae	Brevibacterium	aureum
Pteropodidae	13.2685055	2.509635649	0.824569764	3.04356982	0.00233789	0.04739544	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified

Pteropodidae	372.152047	2.716938071	0.870978721	3.1194081	0.00181215	0.0413651	Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	Lactococcus	garvieae
Pteropodidae	151.569379	2.914848464	0.882657155	3.30235635	0.00095876	0.03054341	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified
Pteropodidae	169.414871	2.947354462	0.768660819	3.83440197	0.00012587	0.01122762	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Rhodococcus	Unclassified
Pteropodidae	26.3950706	2.995492927	0.915443259	3.2721776	0.00106723	0.03107064	Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Unclassified	Unclassified
Pteropodidae	41.0912537	3.061484864	0.845280699	3.62185588	0.0002925	0.01922586	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Rhodococcus	fascians
Pteropodidae	59.1688549	3.074215379	0.962941686	3.19252497	0.00141035	0.03787161	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Rhodococcus	Unclassified
Pteropodidae	16.0799288	3.184695056	0.974251879	3.26886211	0.00107981	0.03107064	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Micrococcus	Unclassified
Pteropodidae	9.96279949	3.352163162	1.00234675	3.34431489	0.00082486	0.02829906	Bacteria	Firmicutes	Bacilli	Lactobacillales	Leuconostocaceae	Unclassified	Unclassified
Pteropodidae	32.229834	3.388681904	0.985558957	3.43833505	0.0005853	0.0233889	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiaceae	Nocardia	Unclassified
Pteropodidae	98.8625562	3.419943337	1.062502587	3.21876236	0.00128745	0.03588771	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Dermabacteraceae	Unclassified	Unclassified
Pteropodidae	14.4704316	3.468398712	1.001388823	3.4635884	0.00053302	0.02264072	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Xanthomonas	Unclassified
Pteropodidae	30.8523866	3.610840904	1.090269038	3.31188063	0.00092671	0.03054341	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Alkanindiges	Unclassified
Pteropodidae	219.403137	3.882183276	1.095733525	3.54299945	0.0003956	0.02075755	Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	[Weeksellaceae]	Chryseobacterium	Unclassified
Pteropodidae	837.095064	3.968944289	1.296094202	3.06223443	0.00219691	0.04557318	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Corynebacteriaceae	Corynebacterium	Unclassified
Pteropodidae	14.0749496	4.010380328	1.304276362	3.07479339	0.00210648	0.04923771	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Unclassified	Unclassified
Pteropodidae	56.4996028	4.25907289	1.336892154	3.1858014	0.00144354	0.03787161	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Gordoniaceae	Gordonia	Unclassified
Pteropodidae	15.8728715	4.356749352	1.20558942	3.61379196	0.00030175	0.01922586	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Chitinophagaceae	Unclassified	Unclassified
Pteropodidae	178.794782	4.452743212	1.409556552	3.15896741	0.00158329	0.03817017	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified
Pteropodidae	6.21886086	4.663028428	1.469938289	3.17226136	0.00151257	0.04473371	Bacteria	Bacteroidetes	[Saprosirae]	Unclassified	Unclassified	Unclassified	Unclassified
Pteropodidae	5.96221438	4.749096228	1.363012276	3.48426519	0.00049349	0.02264072	Bacteria	Proteobacteria	Epsilonproteobacteria	Campylobacterales	Campylobacteraceae	Arcobacter	Unclassified
Pteropodidae	20.9436783	4.932987454	1.557435665	3.167378	0.0015382	0.03811324	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Actinomycetaceae	Unclassified	Unclassified
Pteropodidae	29.9474311	5.001377895	1.606855019	3.11252592	0.00185494	0.0413651	Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Unclassified	Unclassified
Pteropodidae	10.2541137	5.014078622	1.385069977	3.62009047	0.0002945	0.01922586	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	Unclassified
Pteropodidae	3.24100976	5.123619144	1.650426241	3.10442177	0.00190651	0.04147829	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Perlucidibaca	Unclassified
Pteropodidae	3.37516681	5.18178447	1.510624461	3.43022677	0.00060308	0.0233889	Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Cytophagaceae	Spirosoma	Unclassified
Pteropodidae	4.95612079	5.221601557	1.59942147	4.50160516	6.74E-06	0.00104039	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Chitinophagaceae	Chitinophaga	Unclassified
Pteropodidae	36.3126387	5.658834091	1.377583532	4.10779743	3.99E-05	0.0476996	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Micrococcus	Unclassified
Pteropodidae	4.87593266	5.711005131	1.671272559	3.41715964	0.00063278	0.02351838	Bacteria	SR1	Unclassified	Unclassified	Unclassified	Unclassified	Unclassified
Pteropodidae	36.6191086	5.804559353	1.291697739	4.4937443	7.00E-06	0.00104039	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Paracoccus	aminovorans
Pteropodidae	15.5814282	5.859034147	1.441500053	4.06453967	4.81E-05	0.00476996	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Microbacteriaceae	Unclassified	Unclassified
Pteropodidae	46.66724	6.009936763	1.620417793	3.708881	0.00020818	0.01688128	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Unclassified	Unclassified
Pteropodidae	6.52515097	6.131913909	1.715182193	3.57508021	0.00035012	0.02075755	Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Clostridium	Unclassified
Pteropodidae	6.99054863	6.230715904	1.991565377	3.12855203	0.0017567	0.0412362	Bacteria	Bacteroidetes	Sphingobacteriia	Sphingobacteriales	Sphingobacteriaceae	Unclassified	Unclassified
Pteropodidae	12.8455406	6.606968105	1.445297111	4.57135634	4.85E-06	0.00104039	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Alkanindiges	Unclassified
Pteropodidae	139.44463	7.14102869	1.506630904	4.73973332	2.14E-06	0.00063629	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Micrococcaceae	Micrococcus	luteus
Pteropodidae	11.7853444	23.96508235	1.691972713	14.1639887	1.53E-45	1.37E-42	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Comamonadaceae	Rhodoferax	Unclassified
Rhinolophidae	6.21690977	-23.8707008	2.717367908	-8.7844935	1.57E-18	1.61E-16	Bacteria	Proteobacteria	Deltaproteobacteria	Syntrophobacterales	Syntrophobacteraceae	Unclassified	Unclassified
Rhinolophidae	5.44483902	-23.68996395	2.90593782	-8.1522611	3.57E-16	1.83E-14	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Dokdonella	Unclassified
Rhinolophidae	5.33513131	-23.65059387	2.705098902	-8.7429683	2.27E-18	2.09E-16	Bacteria	Bacteroidetes	[Saprosirae]	[Saprosirales]	Chitinophagaceae	Unclassified	Unclassified
Rhinolophidae	4.69629323	-23.4884648	2.695621731	-8.7135612	2.94E-18	2.46E-16	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Lysobacter	Unclassified
Rhinolophidae	6.34244731	-6.063086547	1.884632095	-3.2171194	0.00129485	0.04075613	Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Unclassified	Unclassified
Rhinolophidae	10.1070747	-5.160488069	1.60780803	-3.2096419	0.001329	0.04075613	Bacteria	Actinobacteria	Nitriiliruptoria	Nitriiliruptorales	Nitriiliruptoraceae	Unclassified	Unclassified
Rhinolophidae	52.5912353	4.708233337	1.396062002	3.3725102	0.00074486	0.0263567	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Lentibacillus	Unclassified
Rhinolophidae	286.783152	4.793488406	1.121747608	4.27323256	1.93E-05	0.00088623	Bacteria	Firmicutes	Bacilli	Bacillales	Unclassified	Unclassified	Unclassified
Rhinolophidae	29.0374515	4.948438459	1.493176523	3.31403446	0.0009196	0.03021549	Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Moraxellaceae	Acinetobacter	Unclassified
Rhinolophidae	74.9680408	5.175528257	1.379008178	3.75308018	0.00017468	0.00669587	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Mycobacteriaceae	Mycobacterium	Unclassified
Rhinolophidae	7.84537579	5.932305883	1.610067389	3.68450782	0.00022915	0.00843254	Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacteriales	Enterobacteriaceae	Unclassified	Unclassified
Rhinolophidae	30.9715879	6.023183129	1.795897484	3.35385688	0.00079694	0.02715485	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Unclassified	Unclassified
Rhinolophidae	20.7504911	7.6085716	1.87930866	4.04860136	5.15E-05	0.00215467	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Streptomycetaceae	Streptomycetes	Unclassified
Rhinolophidae	128.396363	8.116688524	1.731467878	4.68774999	2.76E-06	0.00013375	Archaea	Euryarchaeota	Halobacteria	Halobacteriales	Halobacteriaceae	Halobococcus	Unclassified
Rhinolophidae	226.682754	11.28161549	2.703490864	4.17298081	3.01E-05	0.00131709	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiopsaceae	Unclassified	Unclassified
Rhinolophidae	384.620387	11.30748268	2.903543181	3.89437387	9.85E-05	0.00393811	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Nocardiopsaceae	Nocardiopsis	exhalans

Rhinolophidae	13.121515	23.36634892	1.952101243	11.9698448	5.11E-33	4.70E-30	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Unclassified	Unclassified
Rhinolophidae	7.95472357	23.56150973	2.263836033	10.407781	2.28E-25	5.26E-23	Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Sporosarcina	Unclassified
Rhinolophidae	25.9764381	23.68310583	2.905014398	8.15249172	3.57E-16	1.83E-14	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Pigmentiphaga	Unclassified
Rhinolophidae	30.0313576	23.92603537	2.691733283	8.88870956	6.18E-19	7.11E-17	Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Hyphomicrobiaceae	Devosia	Unclassified
Rhinolophidae	10.4559986	23.94359103	2.596320604	9.22212418	2.91E-20	3.83E-18	Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Lentibacillus	Unclassified
Rhinolophidae	11.1543769	24.03396481	2.050336281	11.7219624	9.84E-32	4.52E-29	Archaea	Euryarchaeota	Halobacteria	Halobacteriales	Halobacteriaceae	Halococcus	Unclassified
Rhinolophidae	19.2709528	24.79580547	2.876512782	8.62009223	6.69E-18	3.85E-16	Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Phyllobacteriaceae	Mesorhizobium	Unclassified
Rhinolophidae	20.7016756	24.89752797	2.664359714	9.34465712	9.22E-21	1.41E-18	Bacteria	Bacteroidetes	Flavobacteriia	Flavobacteriales	Flavobacteriaceae	Unclassified	Unclassified
Rhinolophidae	22.0885461	24.99090392	2.888308394	8.65243614	5.04E-18	3.37E-16	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Glycomycetaceae	Glycomyces	Unclassified
Rhinolophidae	23.5924593	25.07911141	2.905037058	8.6329747	5.98E-18	3.67E-16	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Streptomycetaceae	Streptomyces	Unclassified
Rhinolophidae	24.5114842	25.12952762	2.905027754	8.65035715	5.13E-18	3.37E-16	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Unclassified	Unclassified
Rhinolophidae	69.9247038	25.15739443	2.904873199	8.66041053	4.70E-18	3.37E-16	Bacteria	Actinobacteria	Actinobacteria	Actinomycetales	Unclassified	Unclassified	Unclassified
Rhinolophidae	26.6336435	25.18897948	2.687384143	9.3730476	7.05E-21	1.30E-18	Bacteria	Proteobacteria	Betaproteobacteria	Burkholderiales	Alcaligenaceae	Unclassified	Unclassified
Rhinolophidae	27.999455	25.32174644	2.382913512	10.6263808	2.25E-26	6.89E-24	Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Unclassified	Unclassified