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## Taxonomy

Bacteroidetes(100);Flavobacteriia(100);Flavobacteriales(100);Flavobacteriaceae(100);Cloacibacterium(100);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Comamonadaceae(100);Acidovorax(99);  
Bacteroidetes(100);Sphingobacteriia(100);Sphingobacteriales(100);Chitinophagaceae(99);Chitinophagaceae\_unclassified(99);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Comamonadaceae(100);Diaphorobacter(51);  
Bacteroidetes(100);Bacteroidia(100);Bacteroidales(100);Bacteroidaceae(100);Bacteroides(100);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Comamonadaceae(100);Comamonadaceae\_unclassified(99);  
Bacteroidetes(100);Bacteroidia(99);Bacteroidales(99);Prevotellaceae(97);Prevotellaceae\_unclassified(72);  
Proteobacteria(100);Gammaproteobacteria(100);Pseudomonadales(100);Pseudomonadaceae(100);Pseudomonas(100);  
Bacteroidetes(100);Bacteroidia(100);Bacteroidales(100);Prevotellaceae(100);Prevotella(100);  
Proteobacteria(100);Epsilonproteobacteria(100);Campylobacteriales(100);Helicobacteraceae(100);Helicobacter(100);  
Firmicutes(100);Clostridia(100);Clostridiales(100);Clostridiaceae\_1(100);Clostridium\_sensu\_stricto(100);  
Firmicutes(100);Bacilli(100);Bacillales(100);Bacillaceae\_1(91);Bacillus(91);  
Firmicutes(100);Bacilli(100);Lactobacillales(100);Streptococcaceae(100);Streptococcus(100);  
Proteobacteria(100);Gammaproteobacteria(100);Pasteurellales(100);Pasteurellaceae(100);Haemophilus(96);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Burkholderiaceae(100);Ralstonia(98);  
Proteobacteria(100);Alphaproteobacteria(100);Rhizobiales(100);Methylobacteriaceae(100);Methylobacterium(100);  
Proteobacteria(100);Gammaproteobacteria(100);Pasteurellales(100);Pasteurellaceae(100);Actinobacillus(85);  
Proteobacteria(100);Gammaproteobacteria(100);Pseudomonadales(100);Moraxellaceae(100);Acinetobacter(100);  
Proteobacteria(100);Alphaproteobacteria(100);Sphingomonadales(100);Sphingomonadaceae(100);Sphingobium(100);  
Bacteroidetes(100);Bacteroidia(100);Bacteroidales(100);Prevotellaceae(100);Prevotella(100);  
Firmicutes(100);Bacilli(100);Lactobacillales(100);Aerococcaceae(100);Globicatella(100);  
Firmicutes(100);Clostridia(100);Clostridiales(100);Peptostreptococcaceae(100);Clostridium\_XI(100);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Alcaligenaceae(100);Castellaniella(100);  
Bacteroidetes(100);Flavobacteriia(100);Flavobacteriales(100);Flavobacteriaceae(100);Flavobacteriaceae\_unclassified(99);  
Proteobacteria(100);Gammaproteobacteria(100);Pseudomonadales(100);Pseudomonadaceae(100);Pseudomonas(100);  
Firmicutes(100);Erysipelotrichia(100);Erysipelotrichales(100);Erysipelotrichaceae(100);Turicibacter(100);  
Firmicutes(100);Clostridia(100);Clostridiales(100);Peptostreptococcaceae(100);Peptostreptococcus(100);  
Proteobacteria(100);Betaproteobacteria(100);Burkholderiales(100);Comamonadaceae(100);Variovorax(94);  
Actinobacteria(100);Actinobacteria(100);Actinomycetales(100);Corynebacteriaceae(100);Corynebacterium(100);  
Proteobacteria(100);Gammaproteobacteria(100);Enterobacteriales(100);Enterobacteriaceae(100);Enterobacteriaceae\_unclassified(99);  
Actinobacteria(100);Actinobacteria(100);Actinomycetales(100);Actinomycetaceae(100);Actinomyces(100);  
Firmicutes(100);Clostridia(100);Clostridiales(100);Peptostreptococcaceae(100);Clostridium\_XI(100);  
Firmicutes(100);Bacilli(100);Lactobacillales(100);Lactobacillaceae(94);Lactobacillus(89);  
Firmicutes(100);Negativicutes(100);Selenomonadales(100);Veillonellaceae(100);Megasphaera(100);  
Firmicutes(100);Bacilli(100);Lactobacillales(100);Enterococcaceae(100);Enterococcus(100);

AllBiopsy (avg)	SE	AllSwab (avg)	SE	p-value	Pig1swab (avg)	SE	Pig1biopsy (avg)
					0.467	0.058	2.900

assified(99);

8.100	0.695	3.500
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nclassified(99);

2.472	0.600	0.464	0.140	0.001
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00);					0	0	2.233
0.594	0.178	1.345	0.295	0.041			

0.839	0.187	0.093	0.034	0.001
0.500	0.270	0.006	0.006	0.001

;	0.622	0.190	0.081	0.033	0.001
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0.133	0.027	0
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0.083	0.028	0.354	0.145	0.044	0.700	0.117	0.067
s(99);					0.033	0.017	0.233
0.139	0.066	0.377	0.088	0.030	0.800	0.139	0.100

0.661	0.440	0.052	0.042	0.048
0.111	0.100	0.029	0.020	0.004

ceae\_unclassified(63);

0.044	0.025	0.128	0.046	0.010
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Pig3biopsy (avg)	SE	p-value	Pig4swab (avg)	SE	Pig4biopsy (avg)	SE	p-value
			11.533	0.835	7.200	0.596	0.039
			6.367	0.450	3.567	0.326	0.018
0.533	0.105	0.048					
			0.633	0.107	1.433	0.145	0.033
			0.600	0.145	0	0	0.042
			2.433	0.212	1.333	0.141	0.038
			0.133	0.027	0	0	0.018
			0.600	0.019	1.567	0.160	0.007
0.933	0.233	0.030					
0	0	0.026					
0.767	0.191	0.038					
			0.700	0.074	0.033	0.017	0.001
			1.133	0.079	0.267	0.027	0.001
			0.467	0.079	0.067	0.019	0.020
			0.200	0.043	0	0	0.026
0.067	0.033	0.003					
			0.367	0.083	0	0	0.034

Pig5swab (avg)	SE	Pig5biopsy (avg)	SE	p-value	Pig6swab (avg)	SE	Pig6biopsy (avg)
					2.200	0.306	6.633
					3.200	0.450	10.767
					0.567	0.110	0.067
					0.367	0.032	0.800

0	0	0.400	0.113	0.044
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0.033	0.017	0.400
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					0.567	0.050	0.133
0	0	0.833	0.179	0.016			

SE	p-value
0.846	0.021
1.529	0.025
0.033	0.043

0.072	0.016
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0.047	0.004
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0.047	0.010
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