

Report For Order # _____



Operator: _____
Name Last, First Position Date

Reviewed By: _____
Name Last, First Position Date

Service Provided: _____

Samples: _____
Type(s) Date Recieved

Customer: _____
Name Last, First Institution Phone Number

Email Address

Results on attached pages.



16S Metagenomics Report

Sample: Sample6

Report Date: 02/04/2018 23:33:54

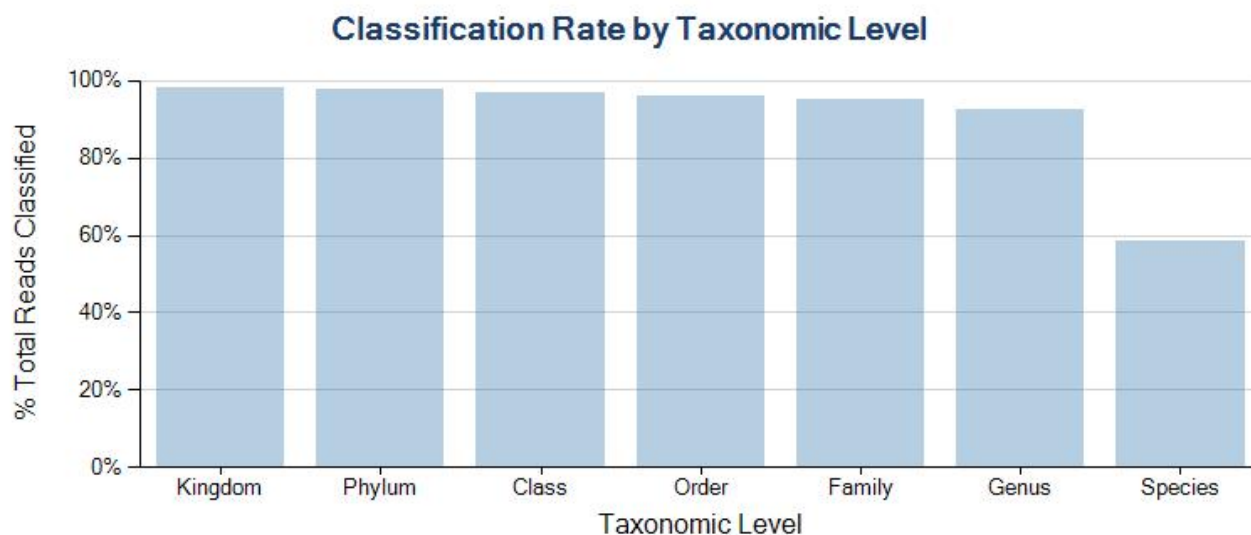
16S Metagenomics Sample Report

Sequencing Statistics

Total Reads	Reads Passing Quality Filtering	% Reads Passing Quality Filtering
95,308	89,067	93.5%

Classification Rate Summary

Taxonomic Level	Reads Classified to Taxonomic Level	% Total Reads Classified to Taxonomic Level
Kingdom	87,298	98.01%
Phylum	86,910	97.58%
Class	86,204	96.79%
Order	85,476	95.97%
Family	84,589	94.97%
Genus	82,178	92.27%
Species	51,898	58.27%



Classification Results by Taxonomic Level

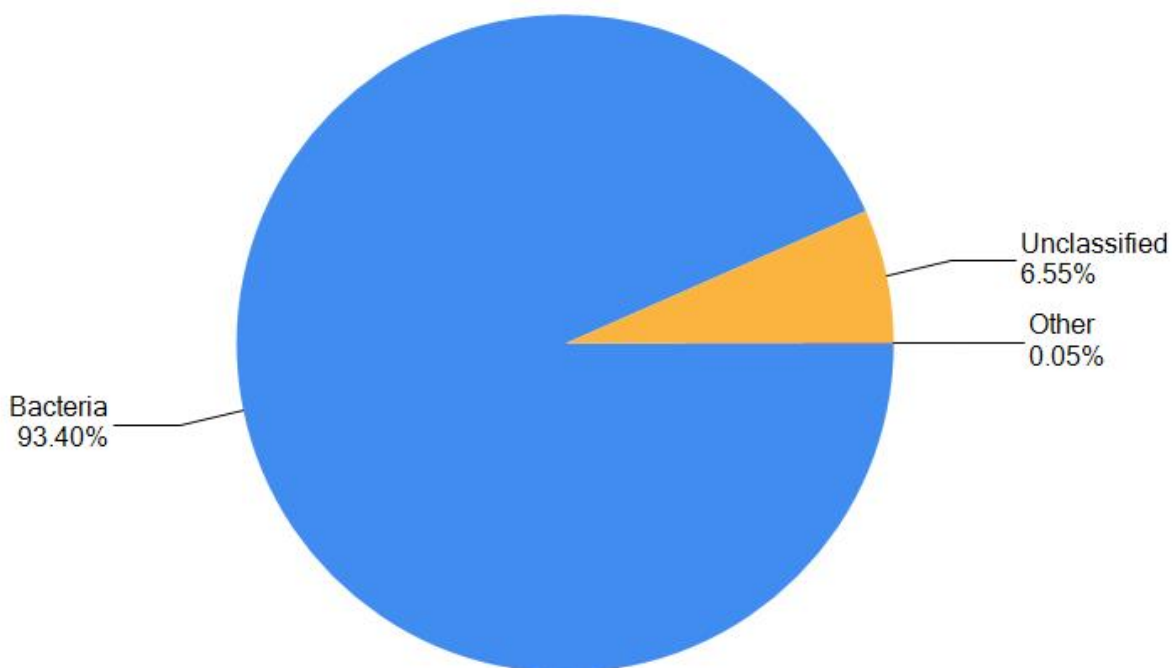
Tables show the highest 8 taxonomic classifications at each level.
Pie charts show all classifications above 3.5% abundance.

Top Kingdom Classification Results

Classification	Number of Reads	% Total Reads
Bacteria	87,235	97.94%
Unclassified at Kingdom level	1,769	1.99%
Archaea	62	0.07%
Viruses	1	0.00%

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Kingdom Classification Results



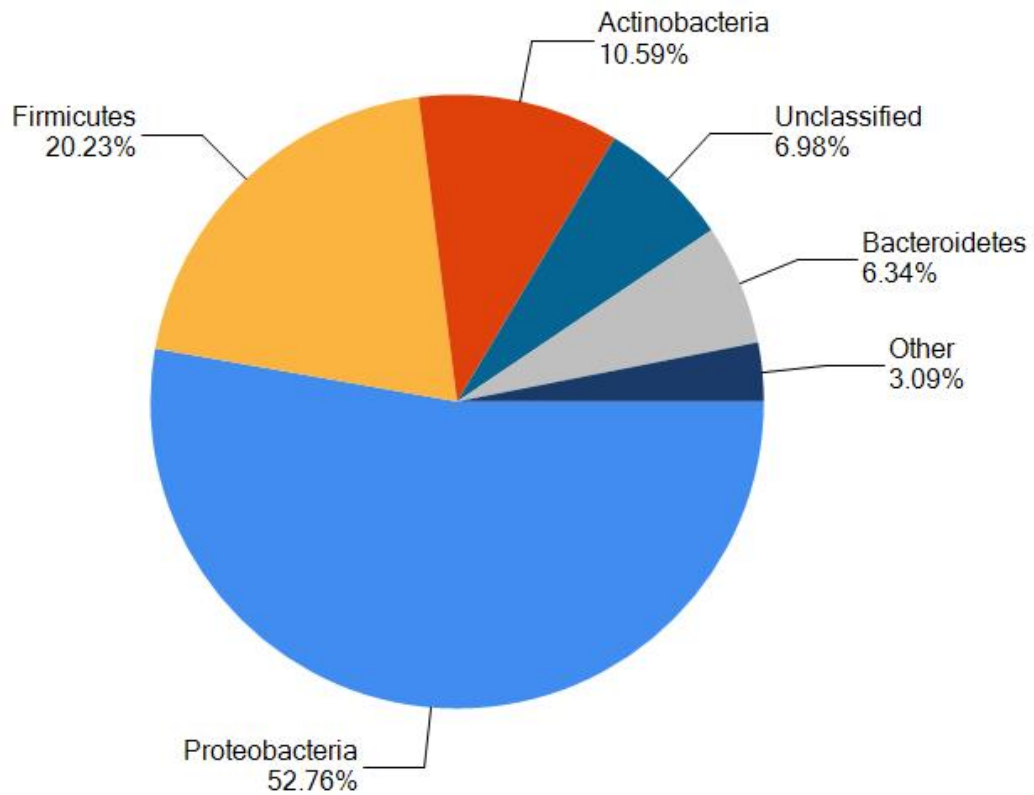
Top Phylum Classification Results

Classification	Number of Reads	% Total Reads
Proteobacteria	48,639	54.61%
Firmicutes	18,903	21.22%
Actinobacteria	10,256	11.51%
Bacteroidetes	6,013	6.75%
Unclassified at Phylum level	2,157	2.42%
Fusobacteria	918	1.03%
Cyanobacteria	804	0.90%
Verrucomicrobia	381	0.43%

Total Phylum-level Taxonomic Categories Identified: 28. This table shows the top 8 of 28 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Phylum Classification Results



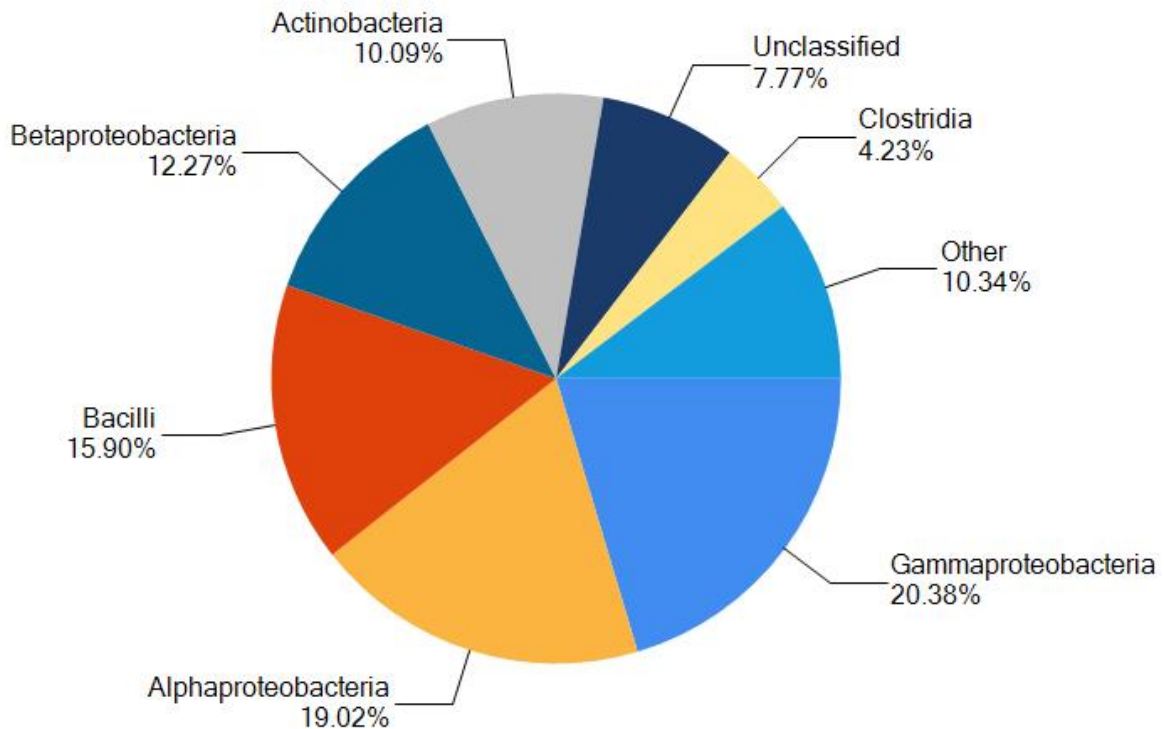
Top Class Classification Results

Classification	Number of Reads	% Total Reads
Gammaproteobacteria	18,825	21.14%
Alphaproteobacteria	17,487	19.63%
Bacilli	14,738	16.55%
Betaproteobacteria	11,236	12.62%
Actinobacteria	9,774	10.97%
Clostridia	4,055	4.55%
Unclassified at Class level	2,863	3.21%
Flavobacteriia	2,115	2.37%

Total Class-level Taxonomic Categories Identified: 57. This table shows the top 8 of 57 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Class Classification Results



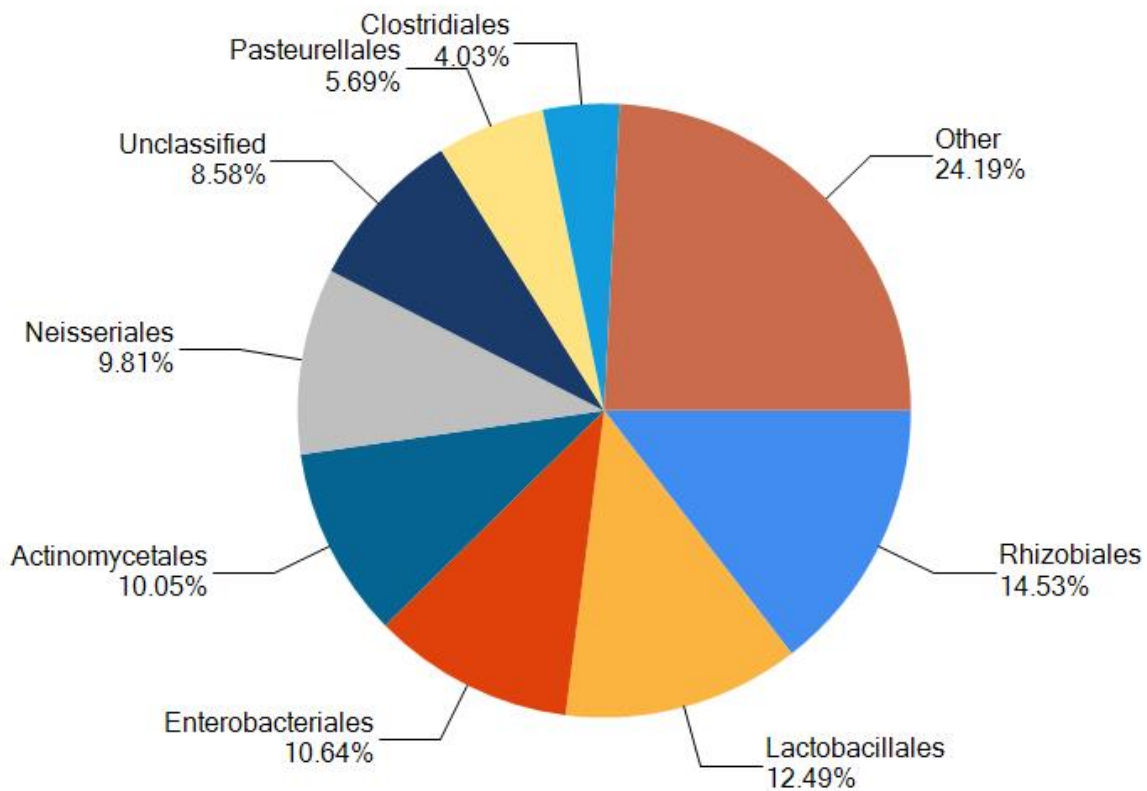
Top Order Classification Results

Classification	Number of Reads	% Total Reads
Rhizobiales	13,176	14.79%
Lactobacillales	11,335	12.73%
Actinomycetales	9,733	10.93%
Enterobacteriales	9,583	10.76%
Neisseriales	8,766	9.84%
Pasteurellales	5,083	5.71%
Clostridiales	3,827	4.30%
Unclassified at Order level	3,591	4.03%

Total Order-level Taxonomic Categories Identified: 114. This table shows the top 8 of 114 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Order Classification Results



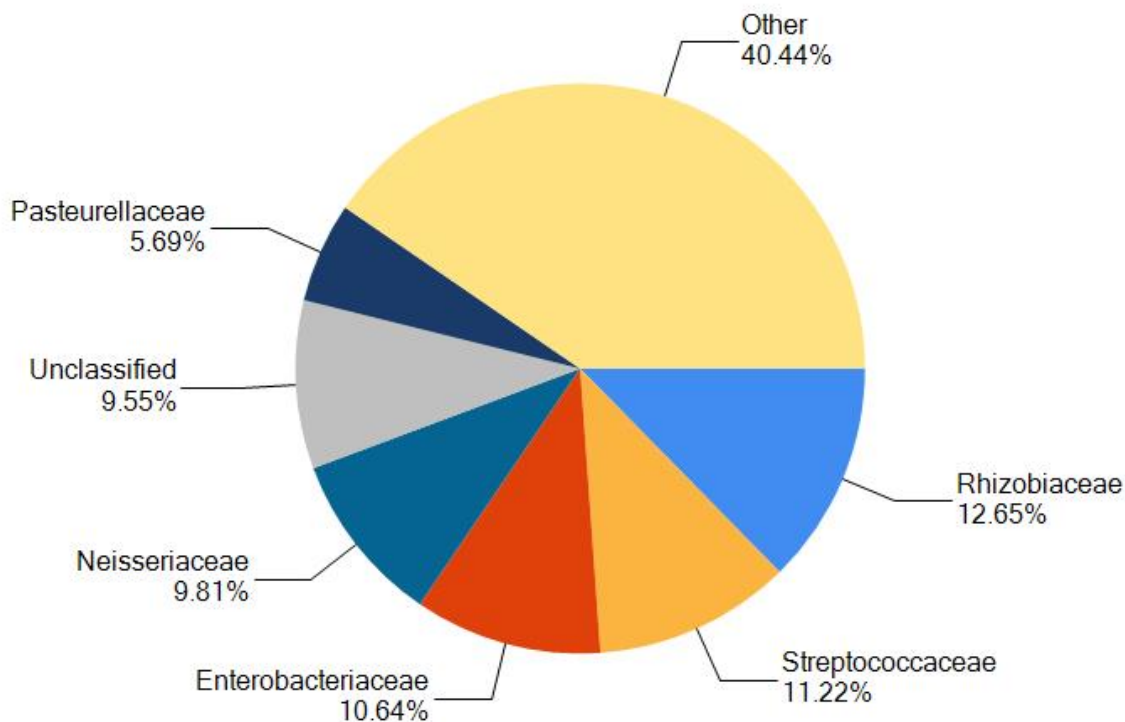
Top Family Classification Results

Classification	Number of Reads	% Total Reads
Rhizobiaceae	11,294	12.68%
Streptococcaceae	10,027	11.26%
Enterobacteriaceae	9,583	10.76%
Neisseriaceae	8,766	9.84%
Pasteurellaceae	5,083	5.71%
Unclassified at Family level	4,478	5.03%
Veillonellaceae	2,663	2.99%
Sphingomonadaceae	2,148	2.41%

Total Family-level Taxonomic Categories Identified: 251. This table shows the top 8 of 251 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Family Classification Results



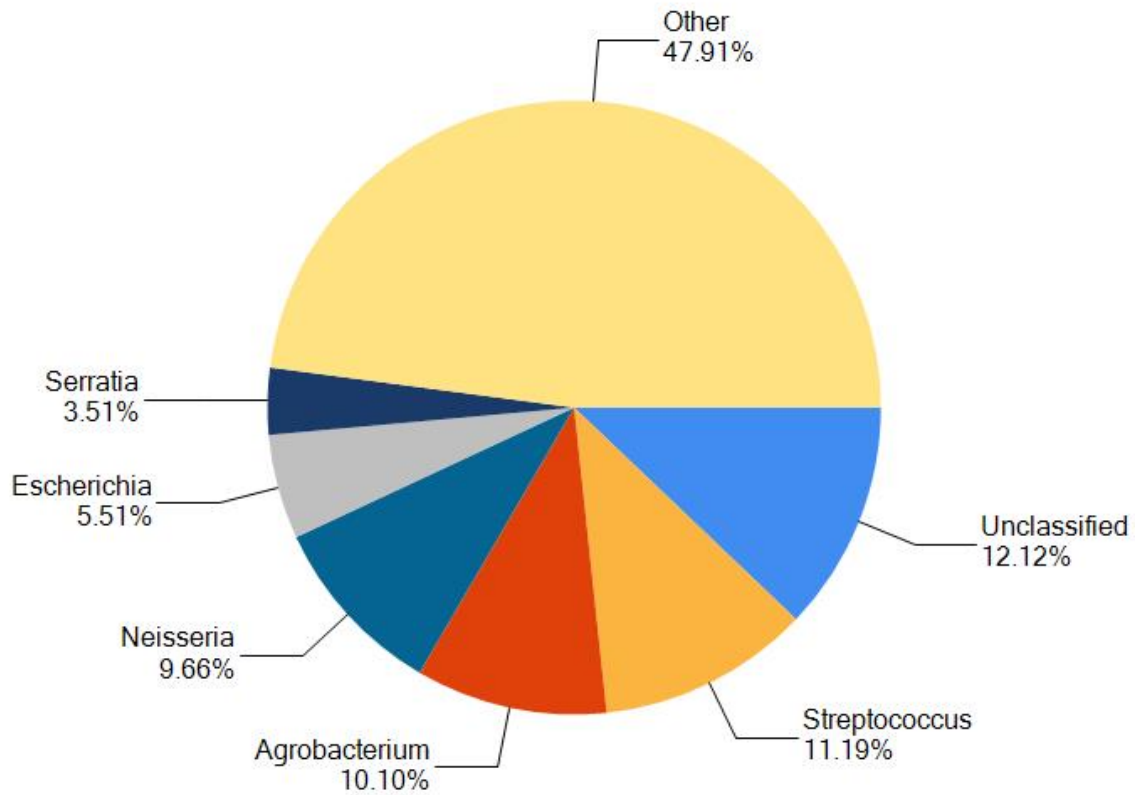
Top Genus Classification Results

Classification	Number of Reads	% Total Reads
Streptococcus	9,993	11.22%
Agrobacterium	8,997	10.10%
Neisseria	8,604	9.66%
Unclassified at Genus level	6,889	7.73%
Escherichia	4,905	5.51%
Serratia	3,133	3.52%
Haemophilus	2,153	2.42%
Veillonella	2,151	2.42%

Total Genus-level Taxonomic Categories Identified: 721. This table shows the top 8 of 721 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Genus Classification Results



Top Species Classification Results

Classification	Number of Reads	% Total Reads
Unclassified at Species level	37,169	41.73%
Agrobacterium tumefaciens	5,991	6.73%
Neisseria mucosa	3,033	3.41%
Serratia entomophila	2,889	3.24%
Streptococcus tigurinus	2,383	2.68%
Streptococcus pseudopneumoniae	1,840	2.07%
Haemophilus parainfluenzae	1,669	1.87%
Shinella yambaruensis	1,162	1.30%

Total Species-level Taxonomic Categories Identified: 1750. This table shows the top 8 of 1750 classifications.

Note: The "Other" category in this pie chart is the sum of all classifications with less than 3.5% abundance.

Top Species Classification Results

