

BWA Mapping

RefSeq database with all complete bacterial genomes

BWA Mapped

Operational taxonomic unit

Bacterial Read 1

		Kingdom	Phylum	Class	Order	Family	Genus	Species	Strain
gi 169794206 ref NC_010410.1	<i>Acinetobacter baumannii</i> AYE	N	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Moraxellaceae	<i>Acinetobacter</i>	<i>Acinetobacter baumannii</i> AYE
gi 126640115 ref NC_009085.1	<i>Acinetobacter baumannii</i> ATCC 17978	N	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Moraxellaceae	<i>Acinetobacter</i>	<i>Acinetobacter baumannii</i> ATCC 17978
gi 159184118 ref NC_003062.2	<i>Agrobacterium tumefaciens</i> str. C58 chromosome circular	N	Bacteria	Proteobacteria	α-proteobacteria	Rhizobiales	Rhizobiaceae	<i>Agrobacterium</i>	<i>Agrobacterium fabrum</i> str. C58, chromosome circular
gi 159185562 ref NC_003063.2	<i>Agrobacterium tumefaciens</i> str. C58 chromosome linear	N	Bacteria	Proteobacteria	α-proteobacteria	Rhizobiales	Rhizobiaceae	<i>Agrobacterium</i>	<i>Agrobacterium fabrum</i> str. C58, chromosome linear
gi 33598993 ref NC_002927.3	<i>Bordetella bronchiseptica</i> RB50	N	Bacteria	Proteobacteria	β-proteobacteria	Burkholderiales	Alcaligenaceae	<i>Bordetella</i>	<i>Bordetella bronchiseptica</i> RB50
gi 115350056 ref NC_008390.1	<i>Burkholderia ambifaria</i> AMMD chromosome 1	N	Bacteria	Proteobacteria	β-proteobacteria	Burkholderiales	Burkholderiaceae	<i>Burkholderia</i>	<i>Burkholderia ambifaria</i> AMMD chromosome 1
gi 296100371 ref NC_014121.1	<i>Enterobacter cloacae</i> subsp. <i>cloacae</i> ATCC 13047 chromosome	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Enterobacter</i>	<i>Enterobacter cloacae</i> subsp. <i>cloacae</i> ATCC 13047
gi 117622295 ref NC_008563.1	<i>Escherichia coli</i> APEC O1	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Escherichia</i>	<i>Escherichia coli</i> APEC O1
gi 91209055 ref NC_007946.1	<i>Escherichia coli</i> UTI89	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Escherichia</i>	<i>Escherichia coli</i> UTI89
gi 187930913 ref NC_010677.1	<i>Francisella tularensis</i> subsp. <i>mediasiatica</i> FSC147	N	Bacteria	Proteobacteria	γ-proteobacteria	Thiotrichales	Francisellaceae	<i>Francisella</i>	<i>Francisella tularensis</i> subsp. <i>mediasiatica</i> FSC147
gi 162960935 ref NC_007146.2	<i>Haemophilus influenzae</i> 86-028NP	N	Bacteria	Proteobacteria	γ-proteobacteria	Pasteurellales	Pasteurellaceae	<i>Haemophilus</i>	<i>Haemophilus influenzae</i> 86-028NP
gi 15611071 ref NC_000921.1	<i>Helicobacter pylori</i> J99	N	Bacteria	Proteobacteria	ε-proteobacteria	Campylobacteriales	Helicobacteraceae	<i>Helicobacter</i>	<i>Helicobacter pylori</i> J99
gi 116332681 ref NC_008497.1	<i>Lactobacillus brevis</i> ATCC 367	N	Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	<i>Lactobacillus</i>	<i>Lactobacillus brevis</i> ATCC 367
gi 54295983 ref NC_006368.1	<i>Legionella pneumophila</i> str. Paris	N	Bacteria	Proteobacteria	γ-proteobacteria	Legionellales	Legionellaceae	<i>Legionella</i>	<i>Pseudomonas fluorescens</i> SBW25
gi 284800255 ref NC_013766.1	<i>Listeria monocytogenes</i> 08-5578	N	Bacteria	Firmicutes	Bacilli	Bacillales	Listeriaceae	<i>Listeria</i>	<i>Listeria monocytogenes</i> 08-5578
gi 148821191 ref NC_009565.1	<i>Mycobacterium tuberculosis</i> F11	N	Bacteria	Actinobacteria	Actinobacteridae	Actinomycetales	Mycobacteriaceae	<i>Mycobacterium</i>	<i>Mycobacterium tuberculosis</i> F11
gi 194097589 ref NC_011035.1	<i>Neisseria gonorrhoeae</i> NCCP11945	N	Bacteria	Proteobacteria	β-proteobacteria	Neisseriales	Neisseriaceae	<i>Neisseria</i>	<i>Neisseria gonorrhoeae</i> NCCP11945
gi 229587578 ref NC_012660.1	<i>Pseudomonas fluorescens</i> SBW25	Y	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	<i>Pseudomonas fluorescens</i> SBW25
gi 21888746 ref NC_011770.1	<i>Pseudomonas aeruginosa</i> LESB58	Y	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	<i>Pseudomonas aeruginosa</i> LESB58
gi 229586230 ref NC_012633.1	<i>Rickettsia africae</i> ESF-5 chromosome	N	Bacteria	Proteobacteria	α-proteobacteria	Rickettsiales	Rickettsiaceae	<i>Rickettsia</i>	<i>Rickettsia africae</i> ESF-5
gi 116515308 ref NC_008533.1	<i>Streptococcus pneumoniae</i> D39	N	Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	<i>Streptococcus</i>	<i>Streptococcus pneumoniae</i> D39
gi 42519920 ref NC_002978.6	<i>Wolbachia</i> endosymbiont of <i>Drosophila melanogaster</i>	N	Bacteria	Proteobacteria	α-proteobacteria	Rickettsiales	Anaplasmataceae	<i>Wolbachia</i>	<i>Wolbachia</i> endosymbiont of <i>Drosophila melanogaster</i>
...									

Bacterial Read 2

		Kingdom	Phylum	Class	Order	Family	Genus	Species	Strain
gi 169794206 ref NC_010410.1	<i>Acinetobacter baumannii</i> AYE	N	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Moraxellaceae	<i>Acinetobacter</i>	<i>Acinetobacter baumannii</i> AYE
gi 126640115 ref NC_009085.1	<i>Acinetobacter baumannii</i> ATCC 17978	N	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Moraxellaceae	<i>Acinetobacter</i>	<i>Acinetobacter baumannii</i> ATCC 17978
gi 159184118 ref NC_003062.2	<i>Agrobacterium tumefaciens</i> str. C58 chromosome circular	N	Bacteria	Proteobacteria	α-proteobacteria	Rhizobiales	Rhizobiaceae	<i>Agrobacterium</i>	<i>Agrobacterium fabrum</i> str. C58, chromosome circular
gi 159185562 ref NC_003063.2	<i>Agrobacterium tumefaciens</i> str. C58 chromosome linear	N	Bacteria	Proteobacteria	α-proteobacteria	Rhizobiales	Rhizobiaceae	<i>Agrobacterium</i>	<i>Agrobacterium fabrum</i> str. C58, chromosome linear
gi 33598993 ref NC_002927.3	<i>Bordetella bronchiseptica</i> RB50	N	Bacteria	Proteobacteria	β-proteobacteria	Burkholderiales	Alcaligenaceae	<i>Bordetella</i>	<i>Bordetella bronchiseptica</i> RB50
gi 115350056 ref NC_008390.1	<i>Burkholderia ambifaria</i> AMMD chromosome 1	N	Bacteria	Proteobacteria	β-proteobacteria	Burkholderiales	Burkholderiaceae	<i>Burkholderia</i>	<i>Burkholderia ambifaria</i> AMMD chromosome 1
gi 296100371 ref NC_014121.1	<i>Enterobacter cloacae</i> subsp. <i>cloacae</i> ATCC 13047 chromosome	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Enterobacter</i>	<i>Enterobacter cloacae</i> subsp. <i>cloacae</i> ATCC 13047
gi 117622295 ref NC_008563.1	<i>Escherichia coli</i> APEC O1	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Escherichia</i>	<i>Escherichia coli</i> APEC O1
gi 91209055 ref NC_007946.1	<i>Escherichia coli</i> UTI89	N	Bacteria	Proteobacteria	γ-proteobacteria	Enterobactirales	Enterobacteriaceae	<i>Escherichia</i>	<i>Escherichia coli</i> UTI89
gi 187930913 ref NC_010677.1	<i>Francisella tularensis</i> subsp. <i>mediasiatica</i> FSC147	N	Bacteria	Proteobacteria	γ-proteobacteria	Thiotrichales	Francisellaceae	<i>Francisella</i>	<i>Francisella tularensis</i> subsp. <i>mediasiatica</i> FSC147
gi 162960935 ref NC_007146.2	<i>Haemophilus influenzae</i> 86-028NP	N	Bacteria	Proteobacteria	γ-proteobacteria	Pasteurellales	Pasteurellaceae	<i>Haemophilus</i>	<i>Haemophilus influenzae</i> 86-028NP
gi 15611071 ref NC_000921.1	<i>Helicobacter pylori</i> J99	N	Bacteria	Proteobacteria	ε-proteobacteria	Campylobacteriales	Helicobacteraceae	<i>Helicobacter</i>	<i>Helicobacter pylori</i> J99
gi 116332681 ref NC_008497.1	<i>Lactobacillus brevis</i> ATCC 367	N	Bacteria	Firmicutes	Bacilli	Lactobacillales	Lactobacillaceae	<i>Lactobacillus</i>	<i>Lactobacillus brevis</i> ATCC 367
gi 54295983 ref NC_006368.1	<i>Legionella pneumophila</i> str. Paris	N	Bacteria	Proteobacteria	γ-proteobacteria	Legionellales	Legionellaceae	<i>Legionella</i>	<i>Pseudomonas fluorescens</i> SBW25
gi 284800255 ref NC_013766.1	<i>Listeria monocytogenes</i> 08-5578	N	Bacteria	Firmicutes	Bacilli	Bacillales	Listeriaceae	<i>Listeria</i>	<i>Listeria monocytogenes</i> 08-5578
gi 148821191 ref NC_009565.1	<i>Mycobacterium tuberculosis</i> F11	N	Bacteria	Actinobacteria	Actinobacteridae	Actinomycetales	Mycobacteriaceae	<i>Mycobacterium</i>	<i>Mycobacterium tuberculosis</i> F11
gi 194097589 ref NC_011035.1	<i>Neisseria gonorrhoeae</i> NCCP11945	N	Bacteria	Proteobacteria	β-proteobacteria	Neisseriales	Neisseriaceae	<i>Neisseria</i>	<i>Neisseria gonorrhoeae</i> NCCP11945
gi 229587578 ref NC_012660.1	<i>Pseudomonas fluorescens</i> SBW25	Y	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	<i>Pseudomonas fluorescens</i> SBW25
gi 21888746 ref NC_011770.1	<i>Pseudomonas aeruginosa</i> LESB58	N	Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas</i>	<i>Pseudomonas aeruginosa</i> LESB58
gi 229586230 ref NC_012633.1	<i>Rickettsia africae</i> ESF-5 chromosome	N	Bacteria	Proteobacteria	α-proteobacteria	Rickettsiales	Rickettsiaceae	<i>Rickettsia</i>	<i>Rickettsia africae</i> ESF-5
gi 116515308 ref NC_008533.1	<i>Streptococcus pneumoniae</i> D39	N	Bacteria	Firmicutes	Bacilli	Lactobacillales	Streptococcaceae	<i>Streptococcus</i>	<i>Streptococcus pneumoniae</i> D39
gi 42519920 ref NC_002978.6	<i>Wolbachia</i> endosymbiont of <i>Drosophila melanogaster</i>	N	Bacteria	Proteobacteria	α-proteobacteria	Rickettsiales	Anaplasmataceae	<i>Wolbachia</i>	<i>Wolbachia</i> endosymbiont of <i>Drosophila melanogaster</i>
...									

OTU assignment

Kingdom	Phylum	Class	Order	Family	Genus
Bacteria	Proteobacteria	γ-proteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas