

Supplemental Data file 1: OTU Table (includes non-16S sequences)

# Constructed from biom file	skool	taxonomy					
OTU ID							
Otu1191		24 d: Bacteria(0.9951)	p:Firmicutes(0.1465)	c:BaIII(0.0900)	o:Lactobacillales(0.0344)	f:Carnobacteriaceae(0.0125)	g:Alloiooccus(0.0019)
Otu814		121 d: Bacteria(0.9951)	p:Firmicutes(0.3837)	c:BaIII(0.2164)	o:Lactobacillales(0.0310)	f:Lactobacillaceae(0.0114)	g:Lactobacillus(0.0019)
Otu492		171 d: Bacteria(0.9951)	p:Firmicutes(0.5458)	c:BaIII(0.3071)	o:Lactobacillales(0.0710)	f:Enterococcaceae(0.0302)	g:Tetragenococcus(0.0032)
Otu973		616 d: Bacteria(1.0000)	p:Firmicutes(0.6134)	c:BaIII(0.3893)	o:Lactobacillales(0.2035)	f:Carnobacteriaceae(0.0938)	g:Atopostipes(0.0236)
Otu1309		369 d: Bacteria(1.0000)	p:Firmicutes(0.6134)	c:BaIII(0.3893)	o:Lactobacillales(0.1239)	f:Leuonostocaceae(0.0536)	g>Weissella(0.0102)
Otu1326		64 d: Bacteria(1.0000)	p:Firmicutes(0.6134)	c:BaIII(0.3071)	o:Lactobacillales(0.1239)	f:Carnobacteriaceae(0.0419)	g:Dolosigranulum(0.0023)
Otu1016		1312 d: Bacteria(1.0000)	p:Firmicutes(0.7485)	c:BaIII(0.5525)	o:Lactobacillales(0.3117)	f:Carnobacteriaceae(0.1610)	g:Atopostipes(0.0236)
Otu173		3030 d: Bacteria(1.0000)	p:Firmicutes(0.8161)	c:BaIII(0.6341)	o:Lactobacillales(0.2846)	f:Aerococcaceae(0.0652)	g:Ignavigranulum(0.0146)
Otu448		12472 d: Bacteria(1.0000)	p:Firmicutes(0.8837)	c:BaIII(0.7157)	o:Lactobacillales(0.4198)	f:Carnobacteriaceae(0.1610)	g:Marinilactibacillus(0.0236)
Otu70		4316 d: Bacteria(1.0000)	p:Firmicutes(0.9174)	c:BaIII(0.7565)	o:Lactobacillales(0.2846)	f:Lactobacillaceae(0.1442)	g:Pediococcus(0.0388)
Otu794		25 d: Bacteria(1.0000)	p:Firmicutes(0.9174)	c:BaIII(0.6341)	o:Lactobacillales(0.2846)	f:Carnobacteriaceae(0.1442)	g:Dolosigranulum(0.0236)
Otu92		526 d: Bacteria(1.0000)	p:Firmicutes(0.9174)	c:BaIII(0.6341)	o:Lactobacillales(0.3387)	f:Enterococcaceae(0.0770)	g:Bavariococcus(0.0191)
Otu64		40098 d: Bacteria(1.0000)	p:Firmicutes(0.9512)	c:BaIII(0.7973)	o:Lactobacillales(0.4468)	f:Carnobacteriaceae(0.1610)	g:Lactigenium(0.0236)
Otu1317		77 d: Bacteria(1.0000)	p:Firmicutes(0.9512)	c:BaIII(0.4301)	o:Lactobacillales(0.1504)	f:Enterococcaceae(0.0652)	g:Tetragenococcus(0.0102)
Otu15		2164 d: Bacteria(1.0000)	p:Firmicutes(0.9810)	c:BaIII(0.8179)	o:Lactobacillales(0.3387)	f:Lactobacillaceae(0.1778)	g:Pediococcus(0.0550)
Otu1075		89 d: Bacteria(1.0000)	p:Firmicutes(0.9810)	c:BaIII(0.7565)	o:Lactobacillales(0.3927)	f:Carnobacteriaceae(0.2114)	g:Atopostipes(0.0712)
Otu381		16203 d: Bacteria(1.0000)	p:Firmicutes(0.9818)	c:BaIII(0.8287)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.2282)	g:Marinilactibacillus(0.0550)
Otu214		14786 d: Bacteria(1.0000)	p:Firmicutes(0.9818)	c:BaIII(0.8287)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.1946)	g:Marinilactibacillus(0.0469)
Otu75		7418 d: Bacteria(1.0000)	p:Firmicutes(0.9818)	c:BaIII(0.8287)	o:Lactobacillales(0.5260)	f:Carnobacteriaceae(0.3375)	g:Alloiooccus(0.0792)
Otu282		1548 d: Bacteria(1.0000)	p:Firmicutes(0.9818)	c:BaIII(0.8287)	o:Lactobacillales(0.4468)	f:Carnobacteriaceae(0.2282)	g:Atopostipes(0.0469)
Otu369		22279 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8396)	o:Lactobacillales(0.4468)	f:Carnobacteriaceae(0.2114)	g:Dolosigranulum(0.0388)
Otu157		48953 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8396)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.1946)	g:Marinilactibacillus(0.0388)
Otu1		31472 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8396)	o:Lactobacillales(0.4738)	f:Carnobacteriaceae(0.2114)	g:Marinilactibacillus(0.0388)
Otu950		5810 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8287)	o:Lactobacillales(0.3657)	f:Carnobacteriaceae(0.1946)	g:Atopostipes(0.0631)
Otu507		3652 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8396)	o:Lactobacillales(0.5515)	f:Carnobacteriaceae(0.2819)	g:Atopostipes(0.0469)
Otu1067		154 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8179)	o:Lactobacillales(0.4738)	f:Carnobacteriaceae(0.2819)	g:Atopostipes(0.0954)
Otu881		106 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.6341)	o:Lactobacillales(0.3657)	f:Carnobacteriaceae(0.1946)	g:Atopostipes(0.0631)
Otu1005		11 d: Bacteria(1.0000)	p:Firmicutes(0.9826)	c:BaIII(0.8396)	o:Lactobacillales(0.4738)	f:Carnobacteriaceae(0.2819)	g:Dolosigranulum(0.0712)
Otu1334		7046 d: Bacteria(1.0000)	p:Firmicutes(0.9835)	c:BaIII(0.8504)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.2819)	g:Marinilactibacillus(0.0325)
Otu1031		14009 d: Bacteria(1.0000)	p:Firmicutes(0.9835)	c:BaIII(0.8504)	o:Lactobacillales(0.4738)	f:Carnobacteriaceae(0.2282)	g:Dolosigranulum(0.0469)
Otu880		2857 d: Bacteria(1.0000)	p:Firmicutes(0.9835)	c:BaIII(0.8287)	o:BaIIales(0.3927)	f:Staphylococcaceae(0.2114)	g:Staphylococcus(0.0712)
Otu405		4652 d: Bacteria(1.0000)	p:Firmicutes(0.9835)	c:BaIII(0.8504)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.2541)	g:Marinilactibacillus(0.0388)
Otu32		16392 d: Bacteria(1.0000)	p:Firmicutes(0.9843)	c:BaIII(0.8612)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.3097)	g:Dolosigranulum(0.0712)
Otu109		2497 d: Bacteria(1.0000)	p:Firmicutes(0.9843)	c:BaIII(0.8612)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3097)	g:Atopostipes(0.0712)
Otu683		3730 d: Bacteria(1.0000)	p:Firmicutes(0.9843)	c:BaIII(0.8504)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3375)	g:Alkalibacterium(0.0792)
Otu468		726 d: Bacteria(1.0000)	p:Firmicutes(0.9843)	c:BaIII(0.8612)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.4208)	g:Atopostipes(0.1035)
Otu193		12622 d: Bacteria(1.0000)	p:Firmicutes(0.9851)	c:BaIII(0.8720)	o:Lactobacillales(0.5515)	f:Carnobacteriaceae(0.2541)	g:Dolosigranulum(0.0550)
Otu1114		1475 d: Bacteria(1.0000)	p:Firmicutes(0.9851)	c:BaIII(0.8612)	o:Lactobacillales(0.4738)	f:Carnobacteriaceae(0.2819)	g:Alloiooccus(0.0873)
Otu798		3514 d: Bacteria(1.0000)	p:Firmicutes(0.9859)	c:BaIII(0.8829)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3375)	g:Dolosigranulum(0.0469)
Otu150		1439 d: Bacteria(1.0000)	p:Firmicutes(0.9859)	c:BaIII(0.8829)	o:BaIIales(0.5771)	f:Paenibacillaceae_2(0.3930)	g:Aneurinibacillus(0.1850)
Otu37		405 d: Bacteria(1.0000)	p:Firmicutes(0.9859)	c:BaIII(0.8829)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.3375)	g:Marinilactibacillus(0.1035)
Otu1078		469 d: Bacteria(1.0000)	p:Firmicutes(0.9859)	c:BaIII(0.8829)	o:Lactobacillales(0.6281)	f:Streptococcaceae(0.3375)	g:Streptococcus(0.1159)
Otu354		204 d: Bacteria(1.0000)	p:Firmicutes(0.9859)	c:BaIII(0.8396)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.2282)	g:Alloiooccus(0.0792)
Otu533		9782 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8720)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.3097)	g:Marinilactibacillus(0.1035)
Otu46		44080 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8937)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.3375)	g:Alloiooccus(0.1035)
Otu513		31137 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8829)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3097)	g:Marinilactibacillus(0.0631)
Otu263		23093 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8829)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.2819)	g:Dolosigranulum(0.0550)
Otu314		28071 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8937)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3930)	g:Dolosigranulum(0.0792)
Otu419		10284 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8937)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4486)	g:Atopostipes(0.0954)
Otu408		495 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8937)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.4486)	g:Alkalibacterium(0.1159)
Otu339		2268 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8720)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.3097)	g:Atopostipes(0.0954)
Otu857		2968 d: Bacteria(1.0000)	p:Firmicutes(0.9868)	c:BaIII(0.8937)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3375)	g:Alkalibacterium(0.0792)
Otu248		21558 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.8720)	o:BaIIales(0.5004)	f:Staphylococcaceae(0.3097)	g:Staphylococcus(0.1035)
Otu256		6298 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.8937)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3375)	g:Atopostipes(0.1159)
Otu594		352 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.9045)	o:Lactobacillales(0.5515)	f:Enterococcaceae(0.3097)	g:Tetragenococcus(0.1035)
Otu77		806 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.9045)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu1199		170 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.8937)	o:BaIIales(0.5515)	f:BaIIaceae_2(0.3653)	g:Oceanobacillus(0.1504)
Otu1122		2 d: Bacteria(1.0000)	p:Firmicutes(0.9876)	c:BaIII(0.8720)	o:Lactobacillales(0.4198)	f:Enterococcaceae(0.2114)	g:Enterococcus(0.0712)
Otu143		7384 d: Bacteria(1.0000)	p:Firmicutes(0.9884)	c:BaIII(0.9045)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu1223		4351 d: Bacteria(1.0000)	p:Firmicutes(0.9884)	c:BaIII(0.8829)	o:Lactobacillales(0.5004)	f:Carnobacteriaceae(0.3097)	g:Marinilactibacillus(0.0954)
Otu910		181 d: Bacteria(1.0000)	p:Firmicutes(0.9884)	c:BaIII(0.9045)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Alkalibacterium(0.1035)
Otu221		95210 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.9045)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3375)	g:Marinilactibacillus(0.1035)
Otu26		16051 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.9045)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu544		6140 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.9262)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.4764)	g:Atopostipes(0.1035)
Otu1062		695 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.8287)	o:Lactobacillales(0.5260)	f:Carnobacteriaceae(0.3097)	g:Alloiooccus(0.1035)
Otu915		984 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.8504)	o:Lactobacillales(0.4738)	f:Enterococcaceae(0.2819)	g:Tetragenococcus(0.0954)
Otu360		154 d: Bacteria(1.0000)	p:Firmicutes(0.9892)	c:BaIII(0.9262)	o:Lactobacillales(0.7303)	f:Enterococcaceae(0.5075)	g:Tetragenococcus(0.2886)
Otu42		66822 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9153)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.3653)	g:Marinilactibacillus(0.1504)
Otu118		76257 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9370)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.5075)	g:Dolosigranulum(0.1159)
Otu353		11690 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9370)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4764)	g:Alkalibacterium(0.1159)
Otu835		1175 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.8720)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.4208)	g:Alloiooccus(0.1850)
Otu156		10173 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9045)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu3		16629 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9370)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4764)	g:Dolosigranulum(0.1504)
Otu635		2432 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9045)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.4208)	g:Dolosigranulum(0.1850)
Otu283		635 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9370)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.4208)	g:Atopostipes(0.2195)
Otu284		1355 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.8937)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1504)
Otu389		1244 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.8829)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3653)	g:Alloiooccus(0.1504)
Otu517		2987 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9153)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.3653)	g:Atopostipes(0.1159)
Otu155		6373 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9370)	o:BaIIales(0.6026)	f:BaIIaceae_1(0.4208)	g:BaIIillus(0.2195)
Otu693		2101 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.9045)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1504)
Otu476		1496 d: Bacteria(1.0000)	p:Firmicutes(0.9901)	c:BaIII(0.8829)	o:Lactobacillales(0.5771)	f:Lactobacillaceae(0.3930)	g:Lactobacillus(0.1850)
Otu83		121004 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9262)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.3930)	g:Alloiooccus(0.1850)
Otu41		18803 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9153)	o:Lactobacillales(0.5260)	f:Carnobacteriaceae(0.3375)	g:Marinilactibacillus(0.1035)
Otu54		8204 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9262)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4764)	g:Dolosigranulum(0.1159)
Otu680		6659 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9262)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1159)
Otu1134		1351 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9478)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5075)	g:Atopostipes(0.1035)
Otu290		6991 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9153)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu494		328 d: Bacteria(1.0000)	p:Firmicutes(0.9909)	c:BaIII(0.9478)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.5075)	g:Marinilactibacillus(0.1504)
Otu509		6396 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9586)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.1159)
Otu439		31365 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9586)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5771)	g:Alkalibacterium(0.1504)
Otu204		2054 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9153)	o:Lactobacillales(0.5771)	f:Carnobacteriaceae(0.3930)	g:Atopostipes(0.1850)
Otu699		1302 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9478)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.3232)
Otu1153		2438 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9370)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4486)	g:Alkalibacterium(0.1850)
Otu1263		33 d: Bacteria(1.0000)	p:Firmicutes(0.9917)	c:BaIII(0.9370)	o:BaIIales(0.7814)	f:BaIIaceae_2(0.4486)	g:Ornithinibacillus(0.1035)
Otu194		40467 d: Bacteria(1.0000)	p:Firmicutes(0.9926)	c:BaIII(0.9478)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.4486)	g:Alloiooccus(0.1035)
Otu13		38273 d: Bacteria(1.0000)	p:Firmicutes(0.9926)	c:BaIII(0.9478)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5075)	g:Alloiooccus(0.1159)
Otu827		2001 d: Bacteria(1.0000)	p:Firmicutes(0.9926)	c:BaIII(0.9695)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.1159)
Otu1103		923 d: Bacteria(1.0000)					

Otu1174		108 d: Bacteria(1.0000)	p:Firmicutes(0.9926)	c:Baillii(0.9478)	o:Lactobacillales(0.6281)	f:Aerococcaceae(0.3375)	g:Facklamia(0.1159)
Otu21		40329 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9370)	o:Lactobacillales(0.6537)	f:Enterococcaceae(0.3653)	g:Enterococcus(0.1504)
Otu65		17412 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9478)	o:Lactobacillales(0.6026)	f:Carnobacteriaceae(0.4208)	g:Marinilactibacillus(0.1159)
Otu625		14987 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9695)	o:Lactobacillales(0.6537)	f:Carnobacteriaceae(0.4208)	g:Marinilactibacillus(0.1159)
Otu655		7004 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9586)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5075)	g:Atopostipes(0.2195)
Otu318		20719 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9586)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.4764)	g:Alkalibacterium(0.1504)
Otu302		19077 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9695)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5075)	g:Alkalibacterium(0.1504)
Otu834		903 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9586)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.3232)
Otu668		4193 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9586)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.2541)
Otu459		4881 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9695)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.4764)	g:Atopostipes(0.2541)
Otu987		1652 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9695)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5075)	g:Alkalibacterium(0.1850)
Otu244		2454 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9478)	o:Lactobacillales(0.6281)	f:Carnobacteriaceae(0.4486)	g:Atopostipes(0.2541)
Otu385		467 d: Bacteria(1.0000)	p:Firmicutes(0.9934)	c:Baillii(0.9803)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.5075)	g:Alkalibacterium(0.2195)
Otu93		63220 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9695)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5423)	g:Alloiooccus(0.1850)
Otu390		7957 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9803)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.3577)
Otu47		53348 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9891)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.6119)	g:Dolosigranulum(0.2195)
Otu652		17283 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9891)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5075)	g:Marinilactibacillus(0.1504)
Otu300		1128 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9695)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5771)	g:Atopostipes(0.3923)
Otu526		9572 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9586)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5771)	g:Atopostipes(0.3232)
Otu736		3218 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9695)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5075)	g:Atopostipes(0.2541)
Otu413		9787 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9586)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.2886)
Otu575		4787 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9891)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5423)	g:Alkalibacterium(0.1850)
Otu111		1952 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9586)	o:Bailliales(0.6281)	f:Bailliales_1(0.4486)	g:Baillus(0.2541)
Otu350		3344 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9586)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.2886)
Otu20		201 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9370)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.6468)	g:Alloiooccus(0.4269)
Otu1340		1140 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9478)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5075)	g:Atopostipes(0.3232)
Otu1136		43 d: Bacteria(1.0000)	p:Firmicutes(0.9942)	c:Baillii(0.9891)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.5075)	g:Marinilactibacillus(0.1159)
Otu61		47019 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9896)	o:Lactobacillales(0.8069)	f:Carnobacteriaceae(0.5771)	g:Alkalibacterium(0.1504)
Otu631		3053 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9896)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.6468)	g:Atopostipes(0.1504)
Otu469		5699 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9586)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.6119)	g:Atopostipes(0.3577)
Otu599		9837 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9803)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5075)	g:Alkalibacterium(0.2541)
Otu618		1418 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9896)	o:Lactobacillales(0.8069)	f:Carnobacteriaceae(0.6816)	g:Atopostipes(0.1850)
Otu692		2481 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9586)	o:Lactobacillales(0.7048)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.2541)
Otu795		1442 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9803)	o:Lactobacillales(0.6792)	f:Carnobacteriaceae(0.5075)	g:Atopostipes(0.3232)
Otu1323		14 d: Bacteria(1.0000)	p:Firmicutes(0.9950)	c:Baillii(0.9896)	o:Bailliales(0.8342)	f:Bailliales_2(0.5075)	g:Oceanobacillus(0.3232)
Otu159		23603 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9901)	o:Lactobacillales(0.8342)	f:Carnobacteriaceae(0.6468)	g:Alkalibacterium(0.1850)
Otu311		4182 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9803)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.6119)	g:Atopostipes(0.4269)
Otu689		1892 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9891)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.6119)	g:Atopostipes(0.4269)
Otu892		1281 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9891)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.6468)	g:Atopostipes(0.4269)
Otu101		616 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9803)	o:Lactobacillales(0.8217)	f:Carnobacteriaceae(0.6119)	g:Atopostipes(0.1504)
Otu1255		566 d: Bacteria(1.0000)	p:Firmicutes(0.9959)	c:Baillii(0.9586)	o:Lactobacillales(0.6537)	f:Enterococcaceae(0.4764)	g:Tetragenococcus(0.2886)
Otu60		42040 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9907)	o:Lactobacillales(0.8342)	f:Carnobacteriaceae(0.7164)	g:Alkalibacterium(0.3232)
Otu549		2080 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9896)	o:Lactobacillales(0.8720)	f:Enterococcaceae(0.6816)	g:Tetragenococcus(0.3577)
Otu407		2720 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9803)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.5423)	g:Atopostipes(0.3577)
Otu127		4566 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9891)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.5771)	g:Atopostipes(0.3577)
Otu738		1374 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9891)	o:Lactobacillales(0.8069)	f:Carnobacteriaceae(0.6468)	g:Atopostipes(0.3577)
Otu993		1174 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9891)	o:Lactobacillales(0.7814)	f:Carnobacteriaceae(0.6468)	g:Atopostipes(0.3577)
Otu191		2010 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9891)	o:Lactobacillales(0.7303)	f:Carnobacteriaceae(0.5075)	g:Alkalibacterium(0.2886)
Otu497		146 d: Bacteria(1.0000)	p:Firmicutes(0.9967)	c:Baillii(0.9907)	o:Lactobacillales(0.8217)	f:Enterococcaceae(0.7164)	g:Tetragenococcus(0.4728)
Otu223		21091 d: Bacteria(1.0000)	p:Firmicutes(0.9975)	c:Baillii(0.9912)	o:Lactobacillales(0.8468)	f:Carnobacteriaceae(0.7512)	g:Alkalibacterium(0.2541)
Otu742		11730 d: Bacteria(1.0000)	p:Firmicutes(0.9975)	c:Baillii(0.9912)	o:Lactobacillales(0.8342)	f:Carnobacteriaceae(0.7164)	g:Alkalibacterium(0.2195)
Otu617		1940 d: Bacteria(1.0000)	p:Firmicutes(0.9975)	c:Baillii(0.9896)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.5423)	g:Marinilactibacillus(0.2886)
Otu172		514 d: Bacteria(1.0000)	p:Firmicutes(0.9975)	c:Baillii(0.9912)	o:Lactobacillales(0.8594)	f:Enterococcaceae(0.8209)	g:Tetragenococcus(0.7086)
Otu200		19169 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9901)	o:Lactobacillales(0.8069)	f:Carnobacteriaceae(0.5771)	g:Alkalibacterium(0.3232)
Otu614		3965 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9917)	o:Lactobacillales(0.8594)	f:Carnobacteriaceae(0.8209)	g:Atopostipes(0.4728)
Otu102		5265 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9901)	o:Lactobacillales(0.8468)	f:Carnobacteriaceae(0.7861)	g:Atopostipes(0.3577)
Otu996		1031 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9917)	o:Lactobacillales(0.8846)	f:Carnobacteriaceae(0.8829)	g:Atopostipes(0.4728)
Otu516		80 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9917)	o:Lactobacillales(0.8217)	f:Enterococcaceae(0.7164)	g:Tetragenococcus(0.5907)
Otu675		726 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9907)	o:Lactobacillales(0.7559)	f:Enterococcaceae(0.6119)	g:Tetragenococcus(0.4269)
Otu62		199 d: Bacteria(1.0000)	p:Firmicutes(0.9983)	c:Baillii(0.9901)	o:Lactobacillales(0.8069)	f:Carnobacteriaceae(0.5771)	g:Atopostipes(0.2886)
Otu5		24415 d: Bacteria(1.0000)	p:Firmicutes(0.9992)	c:Baillii(0.9912)	o:Lactobacillales(0.7559)	f:Carnobacteriaceae(0.6119)	g:Marinilactibacillus(0.2886)
Otu479		2276 d: Bacteria(1.0000)	p:Firmicutes(0.9992)	c:Baillii(0.9907)	o:Lactobacillales(0.8468)	f:Carnobacteriaceae(0.7164)	g:Atopostipes(0.2541)
Otu358		182 d: Bacteria(1.0000)	p:Firmicutes(0.9992)	c:Baillii(0.9917)	o:Lactobacillales(0.8720)	f:Carnobacteriaceae(0.8557)	g:Atopostipes(0.6496)
Otu1296		966 d: Bacteria(1.0000)	p:Firmicutes(0.9992)	c:Baillii(0.9901)	o:Lactobacillales(0.8217)	f:Carnobacteriaceae(0.6816)	g:Atopostipes(0.3923)
Otu739		3763 d: Bacteria(1.0000)	p:Firmicutes(0.9993)	c:Baillii(0.9928)	o:Lactobacillales(0.9098)	f:Enterococcaceae(0.9060)	g:Tetragenococcus(0.8265)
Otu24		5334 d: Bacteria(1.0000)	p:Firmicutes(0.9993)	c:Baillii(0.9917)	o:Lactobacillales(0.8594)	f:Carnobacteriaceae(0.7164)	g:Atopostipes(0.4269)
Otu551		2493 d: Bacteria(1.0000)	p:Firmicutes(0.9993)	c:Baillii(0.9928)	o:Lactobacillales(0.8972)	f:Carnobacteriaceae(0.8829)	g:Atopostipes(0.7675)
Otu345		4652 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9933)	o:Lactobacillales(0.8846)	f:Enterococcaceae(0.8829)	g:Tetragenococcus(0.8265)
Otu367		778 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Bailliales(0.8972)	f:Bailliales_1(0.7512)	g:Baillus(0.6496)
Otu262		26180 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Lactobacillales(0.9224)	f:Enterococcaceae(0.9175)	g:Tetragenococcus(0.8265)
Otu514		2456 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9917)	o:Lactobacillales(0.8468)	f:Enterococcaceae(0.6816)	g:Tetragenococcus(0.5317)
Otu23		11404 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Lactobacillales(0.9603)	f:Enterococcaceae(0.9443)	g:Tetragenococcus(0.9443)
Otu286		14514 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Lactobacillales(0.9224)	f:Carnobacteriaceae(0.8557)	g:Marinilactibacillus(0.3923)
Otu489		2208 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9928)	o:Lactobacillales(0.8846)	f:Enterococcaceae(0.8557)	g:Tetragenococcus(0.8265)
Otu471		7806 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9933)	o:Lactobacillales(0.9224)	f:Enterococcaceae(0.9175)	g:Tetragenococcus(0.8854)
Otu315		6248 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Lactobacillales(0.8720)	f:Enterococcaceae(0.7512)	g:Tetragenococcus(0.5317)
Otu687		1219 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Lactobacillales(0.9603)	f:Enterococcaceae(0.9175)	g:Tetragenococcus(0.8265)
Otu1135		246 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9939)	o:Bailliales(0.9224)	f:Bailliales_1(0.8854)	g:Baillus(0.8854)
Otu464		925 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9933)	o:Lactobacillales(0.8846)	f:Enterococcaceae(0.8209)	g:Tetragenococcus(0.7675)
Otu1161		1178 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Lactobacillales(0.9603)	f:Carnobacteriaceae(0.9521)	g:Atopostipes(0.8854)
Otu840		1378 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Lactobacillales(0.9350)	f:Carnobacteriaceae(0.9290)	g:Atopostipes(0.6496)
Otu764		3745 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9928)	o:Lactobacillales(0.8594)	f:Enterococcaceae(0.7164)	g:Tetragenococcus(0.5317)
Otu561		1231 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9928)	o:Lactobacillales(0.8594)	f:Enterococcaceae(0.7164)	g:Tetragenococcus(0.5317)
Otu888		3204 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9917)	o:Lactobacillales(0.8972)	f:Carnobacteriaceae(0.7164)	g:Atopostipes(0.3923)
Otu167		4749 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Lactobacillales(0.9575)	f:Enterococcaceae(0.9443)	g:Tetragenococcus(0.9443)
Otu975		92 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Bailliales(0.9350)	f:Bailliales_1(0.7512)	g:Baillus(0.6496)
Otu712		1059 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9939)	o:Lactobacillales(0.8594)	f:Enterococcaceae(0.8209)	g:Tetragenococcus(0.7675)
Otu154		462 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Lactobacillales(0.9475)	f:Enterococcaceae(0.8854)	g:Tetragenococcus(0.8854)
Otu702		640 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9944)	o:Bailliales(0.9098)	f:Bailliales_1(0.7512)	g:Baillus(0.6496)
Otu539		177 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Bailliales(0.8972)	f:Planococcaceae(0.7512)	g:Lysinibacillus(0.6496)
Otu1173		137 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9939)	o:Lactobacillales(0.9475)	f:Enterococcaceae(0.8945)	g:Tetragenococcus(0.8265)
Otu732		187 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9949)	o:Bailliales(0.9823)	f:Bailliales_1(0.9823)	g:Baillus(0.9222)
Otu945		12 d: Bacteria(1.0000)	p:Firmicutes(0.9994)	c:Baillii(0.9923)	o:Bailliales(0.8217)	f:Bailliales_2(0.4764)	g:Virgibacillus(0.2541)
Otu45		12166 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9981)	o:Lactobacillales(0.9630)	f:Enterococcaceae(0.9443)	g:Tetragenococcus(0.9443)
Otu565		2761 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9988)	o:Lactobacillales(0.9658)	f:Enterococcaceae(0.9584)	g:Tetragenococcus(0.9584)
Otu218		3364 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9960)	o:Lactobacillales(0.9098)	f:Enterococcaceae(0.8209)	g:Tetragenococcus(0.6496)
Otu175		11845 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9928)	o:Lactobacillales(0.9224)	f:Carnobacteriaceae(0.8209)	g:Atopostipes(0.4728)
Otu512		4391 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9944)	o:Lactobacillales(0.8720)	f:Enterococcaceae(0.8209)	g:Tetragenococcus(0.6496)
Otu274		16162 d: Bacteria(1.0000)	p:Firmicutes(0.9995)	c:Baillii(0.9949)	o:Lactobacillales(0.8972)	f:Enterococcaceae(0.786	

Otu580		3171 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9965)	o: Lactobacillales(0.9528)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu604		640 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Bacillales(0.9350)	f: Bacillaceae_1(0.8557)	g: Bacillus(0.8265)
Otu149		9785 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9965)	o: Lactobacillales(0.9350)	f: Carnobacteriaceae(0.8945)	g: Marinilactibacillus(0.3923)
Otu1229		1793 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9939)	o: Lactobacillales(0.8846)	f: Enterococcaceae(0.8829)	g: Tetragnococcus(0.8265)
Otu11		6117 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9960)	o: Lactobacillales(0.9224)	f: Carnobacteriaceae(0.8829)	g: Marinilactibacillus(0.3923)
Otu418		7556 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9965)	o: Lactobacillales(0.9658)	f: Enterococcaceae(0.9636)	g: Tetragnococcus(0.9584)
Otu85		831 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Lactobacillales(0.9603)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu593		952 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9944)	o: Lactobacillales(0.8594)	f: Enterococcaceae(0.8209)	g: Tetragnococcus(0.7086)
Otu769		1136 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Lactobacillales(0.9611)	f: Enterococcaceae(0.9611)	g: Tetragnococcus(0.9611)
Otu319		7793 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Lactobacillales(0.9630)	f: Carnobacteriaceae(0.9405)	g: Atopostipes(0.8265)
Otu392		525 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Lactobacillales(0.9224)	f: Carnobacteriaceae(0.9175)	g: Atopostipes(0.7086)
Otu199		2491 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9944)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu8		4612 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9965)	o: Lactobacillales(0.9575)	f: Carnobacteriaceae(0.8829)	g: Alkalibacterium(0.7086)
Otu1042		427 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9989)	o: Bacillales(0.9905)	f: Bacillaceae_1(0.9828)	g: Bacillus(0.9749)
Otu1034		1644 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9960)	o: Lactobacillales(0.9630)	f: Carnobacteriaceae(0.9290)	g: Atopostipes(0.8265)
Otu819		999 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9988)	o: Bacillales(0.9611)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu427		1022 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9988)	o: Lactobacillales(0.9686)	f: Enterococcaceae(0.9639)	g: Tetragnococcus(0.9639)
Otu1159		1687 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Lactobacillales(0.9575)	f: Carnobacteriaceae(0.9290)	g: Atopostipes(0.8854)
Otu1195		1338 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9949)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu943		61 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9955)	o: Bacillales(0.9098)	f: Bacillaceae_1(0.7861)	g: Bacillus(0.7086)
Otu168		349 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9944)	o: Lactobacillales(0.9098)	f: Carnobacteriaceae(0.8557)	g: Atopostipes(0.5907)
Otu1150		323 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9939)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu1011		226 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9928)	o: Bacillales(0.9098)	f: Bacillaceae_1(0.7512)	g: Bacillus(0.6496)
Otu1107		205 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9933)	o: Lactobacillales(0.8594)	f: Enterococcaceae(0.8209)	g: Tetragnococcus(0.7086)
Otu730		184 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9944)	o: Bacillales(0.9528)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu700		44 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9939)	o: Lactobacillales(0.8468)	f: Enterococcaceae(0.7861)	g: Tetragnococcus(0.7086)
Otu673		118 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9988)	o: Bacillales(0.9880)	f: Bacillaceae_1(0.9823)	g: Bacillus(0.9722)
Otu868		44 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9939)	o: Bacillales(0.8846)	f: Bacillaceae_1(0.7861)	g: Bacillus(0.7086)
Otu1093		6 d: Bacteria(1.0000)	p:Firmicutes(0.9995) c: Bacilli(0.9960)	o: Bacillales(0.9611)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu467		1076 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9949)	o: Lactobacillales(0.9350)	f: Carnobacteriaceae(0.8557)	g: Atopostipes(0.5907)
Otu758		975 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9949)	o: Lactobacillales(0.9528)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu1090		2999 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9224)	f: Enterococcaceae(0.8829)	g: Tetragnococcus(0.7675)
Otu252		8887 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9475)	f: Enterococcaceae(0.7861)	g: Tetragnococcus(0.7086)
Otu805		7062 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Lactobacillales(0.9832)	f: Enterococcaceae(0.9832)	g: Tetragnococcus(0.9694)
Otu638		156 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Bacillales(0.9769)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu291		3375 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9987)	o: Lactobacillales(0.9630)	f: Enterococcaceae(0.9611)	g: Tetragnococcus(0.9611)
Otu220		13540 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Lactobacillales(0.9686)	f: Enterococcaceae(0.9636)	g: Tetragnococcus(0.9556)
Otu567		2669 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9350)	f: Enterococcaceae(0.8854)	g: Tetragnococcus(0.8854)
Otu232		2200 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Lactobacillales(0.9832)	f: Carnobacteriaceae(0.9832)	g: Atopostipes(0.9722)
Otu547		2246 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9630)	f: Carnobacteriaceae(0.9290)	g: Atopostipes(0.8854)
Otu930		4134 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9987)	o: Lactobacillales(0.9828)	f: Enterococcaceae(0.9828)	g: Tetragnococcus(0.9722)
Otu578		1367 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9751)	f: Carnobacteriaceae(0.9751)	g: Atopostipes(0.9584)
Otu7		1228 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9751)	f: Enterococcaceae(0.9751)	g: Tetragnococcus(0.9694)
Otu938		2349 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Lactobacillales(0.9832)	f: Enterococcaceae(0.9832)	g: Tetragnococcus(0.9694)
Otu1158		6100 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Lactobacillales(0.9823)	f: Enterococcaceae(0.9823)	g: Tetragnococcus(0.9584)
Otu201		2841 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9098)	f: Enterococcaceae(0.8209)	g: Tetragnococcus(0.6496)
Otu818		975 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9556)	f: Enterococcaceae(0.9556)	g: Tetragnococcus(0.9556)
Otu498		1642 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9949)	o: Lactobacillales(0.9528)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu634		4704 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9960)	o: Lactobacillales(0.9575)	f: Carnobacteriaceae(0.9175)	g: Atopostipes(0.8265)
Otu449		392 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9939)	o: Bacillales(0.9224)	f: Bacillaceae_2(0.7512)	g: Virgibacillus(0.6496)
Otu941		2314 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Lactobacillales(0.9575)	f: Enterococcaceae(0.9060)	g: Tetragnococcus(0.8854)
Otu656		2339 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9636)	f: Enterococcaceae(0.9636)	g: Tetragnococcus(0.9528)
Otu914		820 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9611)	f: Enterococcaceae(0.9611)	g: Tetragnococcus(0.9611)
Otu602		1240 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9960)	o: Lactobacillales(0.9475)	f: Carnobacteriaceae(0.9060)	g: Atopostipes(0.7675)
Otu488		3126 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9751)	f: Enterococcaceae(0.9751)	g: Tetragnococcus(0.9611)
Otu998		1579 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9224)	f: Enterococcaceae(0.9175)	g: Tetragnococcus(0.8854)
Otu52		1013 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Bacillales(0.9630)	f: Bacillaceae_1(0.8854)	g: Bacillus(0.8854)
Otu587		414 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu486		102 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9933)	o: Bacillales(0.9475)	f: Bacillaceae_1(0.7861)	g: Bacillus(0.7086)
Otu660		1659 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Lactobacillales(0.9751)	f: Enterococcaceae(0.9751)	g: Tetragnococcus(0.9666)
Otu1094		853 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Lactobacillales(0.9828)	f: Enterococcaceae(0.9828)	g: Tetragnococcus(0.9584)
Otu308		254 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9949)	o: Lactobacillales(0.8846)	f: Enterococcaceae(0.8557)	g: Tetragnococcus(0.6496)
Otu523		369 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9976)	o: Bacillales(0.9823)	f: Bacillaceae_1(0.9823)	g: Bacillus(0.9694)
Otu770		3581 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9575)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu1010		399 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Bacillales(0.9475)	f: Bacillaceae_1(0.8854)	g: Bacillus(0.8854)
Otu714		818 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Bacillales(0.9475)	f: Bacillaceae_1(0.9443)	g: Bacillus(0.9443)
Otu144		782 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9639)	f: Enterococcaceae(0.9639)	g: Tetragnococcus(0.9639)
Otu1088		1266 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9475)	f: Enterococcaceae(0.8945)	g: Tetragnococcus(0.8265)
Otu959		488 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9224)	f: Enterococcaceae(0.8945)	g: Tetragnococcus(0.8265)
Otu210		96 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9528)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu133		553 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9714)	f: Carnobacteriaceae(0.9636)	g: Atopostipes(0.9443)
Otu1057		1166 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9630)	f: Carnobacteriaceae(0.9528)	g: Atopostipes(0.9528)
Otu1033		319 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9960)	o: Bacillales(0.9475)	f: Bacillaceae_1(0.8209)	g: Bacillus(0.7675)
Otu576		661 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu1282		414 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Bacillales(0.9630)	f: Bacillaceae_1(0.9443)	g: Bacillus(0.9443)
Otu1316		520 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9981)	o: Bacillales(0.9686)	f: Bacillaceae_1(0.9584)	g: Bacillus(0.9584)
Otu1291		614 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9960)	o: Lactobacillales(0.9575)	f: Enterococcaceae(0.9521)	g: Tetragnococcus(0.9443)
Otu246		504 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9528)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu691		352 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9611)	f: Enterococcaceae(0.9611)	g: Tetragnococcus(0.9611)
Otu568		187 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9955)	o: Bacillales(0.9475)	f: Bacillaceae_1(0.9443)	g: Bacillus(0.9443)
Otu442		92 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9971)	o: Lactobacillales(0.9443)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu27		150 d: Bacteria(1.0000)	p:Firmicutes(0.9996) c: Bacilli(0.9965)	o: Lactobacillales(0.9828)	f: Enterococcaceae(0.9828)	g: Tetragnococcus(0.9749)
Otu1024		2096 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9981)	o: Lactobacillales(0.9603)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu205		2116 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9976)	o: Lactobacillales(0.9350)	f: Enterococcaceae(0.8209)	g: Tetragnococcus(0.7675)
Otu623		3002 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9976)	o: Lactobacillales(0.9823)	f: Enterococcaceae(0.9823)	g: Tetragnococcus(0.9639)
Otu931		3087 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9658)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu426		4803 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9965)	o: Lactobacillales(0.9603)	f: Enterococcaceae(0.9528)	g: Tetragnococcus(0.9528)
Otu177		4309 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9981)	o: Lactobacillales(0.9603)	f: Enterococcaceae(0.9060)	g: Tetragnococcus(0.8854)
Otu955		1844 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9988)	o: Lactobacillales(0.9837)	f: Carnobacteriaceae(0.9837)	g: Atopostipes(0.9694)
Otu4		6554 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9832)	f: Enterococcaceae(0.9832)	g: Tetragnococcus(0.9666)
Otu1268		2160 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9988)	o: Lactobacillales(0.9751)	f: Enterococcaceae(0.9751)	g: Tetragnococcus(0.9666)
Otu196		2847 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9988)	o: Lactobacillales(0.9823)	f: Enterococcaceae(0.9823)	g: Tetragnococcus(0.9694)
Otu637		4579 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9630)	f: Enterococcaceae(0.9556)	g: Tetragnococcus(0.9556)
Otu503		4651 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9981)	o: Lactobacillales(0.9575)	f: Enterococcaceae(0.9443)	g: Tetragnococcus(0.9443)
Otu616		108 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Bacillales(0.9714)	f: Bacillaceae_1(0.9175)	g: Bacillus(0.8854)
Otu961		7581 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9988)	o: Lactobacillales(0.9842)	f: Enterococcaceae(0.9842)	g: Tetragnococcus(0.9722)
Otu1235		1329 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9837)	f: Enterococcaceae(0.9837)	g: Tetragnococcus(0.9694)
Otu316		1124 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9828)	f: Enterococcaceae(0.9828)	g: Tetragnococcus(0.9666)
Otu518		690 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9965)	o: Bacillales(0.9350)	f: Bacillaceae_1(0.8557)	g: Bacillus(0.8265)
Otu970		1393 d: Bacteria(1.0000)	p:Firmicutes(0.9997) c: Bacilli(0.9987)	o: Lactobacillales(0.9837)	f: Carnobacteriaceae(0.9837)	g: Atopostipes(0.9694)

Otu460		3086 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Lactobacillales(0.9686)	f: Enterococaceae(0.9639)	g: Tetragenococcus(0.9639)
Otu919		656 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Bacillales(0.9769)	f: Bacillaceae_1(0.9639)	g: Bacillus(0.9639)
Otu586		4826 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9976)	o: Lactobacillales(0.9603)	f: Enterococaceae(0.8854)	g: Tetragenococcus(0.8854)
Otu1064		1825 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9694)
Otu1032		101 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9666)	f: Bacillaceae_1(0.9666)	g: Bacillus(0.9666)
Otu169		6233 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9722)
Otu1124		1439 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9666)
Otu1083		911 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9666)
Otu963		1667 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Lactobacillales(0.9828)	f: Enterococaceae(0.9828)	g: Tetragenococcus(0.9749)
Otu650		885 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Bacillales(0.9584)	f: Bacillaceae_1(0.9584)	g: Bacillus(0.9584)
Otu913		152 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9528)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu1210		232 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9965)	o: Bacillales(0.9575)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu430		71 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9528)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu860		240 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9832)	f: Bacillaceae_1(0.9832)	g: Bacillus(0.9777)
Otu923		1490 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Lactobacillales(0.9686)	f: Enterococaceae(0.9528)	g: Tetragenococcus(0.9528)
Otu1278		177 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Bacillales(0.9611)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu1113		301 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9960)	o: Bacillales(0.9686)	f: Bacillaceae_1(0.9528)	g: Bacillus(0.9528)
Otu944		445 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9965)	o: Bacillales(0.9575)	f: Bacillaceae_1(0.9443)	g: Bacillus(0.9443)
Otu1117		476 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Bacillales(0.9575)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9556)
Otu1061		187 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9584)	f: Bacillaceae_1(0.9584)	g: Bacillus(0.9584)
Otu1003		121 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9981)	o: Bacillales(0.9742)	f: Bacillaceae_1(0.9584)	g: Bacillus(0.9584)
Otu1000		321 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9611)
Otu537		206 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9988)	o: Bacillales(0.9837)	f: Bacillaceae_1(0.9837)	g: Bacillus(0.9804)
Otu722		50 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9976)	o: Bacillales(0.9769)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu762		170 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9987)	o: Bacillales(0.9630)	f: Bacillaceae_1(0.8854)	g: Bacillus(0.8854)
Otu1185		2 d: Bacteria(1.0000)	p: Firmicutes(0.9997)	c: Bacilli(0.9976)	o: Bacillales(0.9797)	f: Paenibacillaceae_1(0.9636)	g: Paenibacillus(0.9443)
Otu595		745 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Bacillales(0.9885)	f: Bacillaceae_1(0.9666)	g: Bacillus(0.9666)
Otu848		4157 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9987)	o: Lactobacillales(0.9658)	f: Enterococaceae(0.9528)	g: Tetragenococcus(0.9528)
Otu557		3748 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9686)	f: Enterococaceae(0.9611)	g: Tetragenococcus(0.9611)
Otu368		9385 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9658)	f: Enterococaceae(0.9584)	g: Tetragenococcus(0.9584)
Otu161		11742 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9981)	o: Lactobacillales(0.9751)	f: Enterococaceae(0.9751)	g: Tetragenococcus(0.9584)
Otu1242		1177 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9686)	f: Enterococaceae(0.9528)	g: Tetragenococcus(0.9528)
Otu885		2411 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9751)	f: Enterococaceae(0.9751)	g: Tetragenococcus(0.9639)
Otu387		5878 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9998)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9777)
Otu328		2200 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9853)	f: Carnobacteriaceae(0.9842)	g: Atopostipes(0.9694)
Otu905		638 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9851)	f: Enterococaceae(0.9851)	g: Tetragenococcus(0.9832)
Otu979		827 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9722)
Otu796		321 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Bacillales(0.9611)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu1250		562 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Bacillales(0.9686)	f: Bacillaceae_1(0.9611)	g: Bacillus(0.9611)
Otu277		3264 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9885)	f: Enterococaceae(0.9856)	g: Tetragenococcus(0.9777)
Otu527		1860 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9846)	f: Carnobacteriaceae(0.9846)	g: Atopostipes(0.9722)
Otu105		2835 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9885)	f: Enterococaceae(0.9865)	g: Tetragenococcus(0.9804)
Otu610		1636 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Bacillales(0.9825)	f: Bacillaceae_1(0.9639)	g: Bacillus(0.9639)
Otu519		2110 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9842)	f: Enterococaceae(0.9842)	g: Tetragenococcus(0.9777)
Otu596		1481 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9987)	o: Lactobacillales(0.9842)	f: Enterococaceae(0.9842)	g: Tetragenococcus(0.9804)
Otu701		1395 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9860)	f: Enterococaceae(0.9860)	g: Tetragenococcus(0.9860)
Otu804		1728 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9658)	f: Enterococaceae(0.9584)	g: Tetragenococcus(0.9584)
Otu148		677 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9666)
Otu755		1333 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9828)	f: Enterococaceae(0.9828)	g: Tetragenococcus(0.9722)
Otu139		2260 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9981)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9777)
Otu872		714 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Bacillales(0.9853)	f: Bacillaceae_1(0.9832)	g: Bacillus(0.9694)
Otu866		957 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Bacillales(0.9828)	f: Bacillaceae_1(0.9828)	g: Bacillus(0.9749)
Otu685		1632 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9987)	o: Lactobacillales(0.9630)	f: Enterococaceae(0.9584)	g: Tetragenococcus(0.9584)
Otu98		1272 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9722)
Otu906		505 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9722)
Otu1341		355 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Bacillales(0.9797)	f: Bacillaceae_1(0.9639)	g: Bacillus(0.9584)
Otu768		254 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9989)	o: Bacillales(0.9639)	f: Bacillaceae_1(0.9639)	g: Bacillus(0.9639)
Otu472		142 d: Bacteria(1.0000)	p: Firmicutes(0.9998)	c: Bacilli(0.9988)	o: Bacillales(0.9556)	f: Bacillaceae_1(0.9556)	g: Bacillus(0.9556)
Otu121		938 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9997)	o: Lactobacillales(0.9978)	f: Enterococaceae(0.9889)	g: Tetragenococcus(0.9886)
Otu321		1280 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9971)	o: Lactobacillales(0.9742)	f: Enterococaceae(0.9584)	g: Tetragenococcus(0.9584)
Otu597		11709 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9993)	o: Lactobacillales(0.9823)	f: Enterococaceae(0.9823)	g: Tetragenococcus(0.9528)
Otu985		2195 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9955)	o: Lactobacillales(0.9636)	f: Enterococaceae(0.9636)	g: Tetragenococcus(0.8854)
Otu752		6527 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9993)	o: Lactobacillales(0.9828)	f: Enterococaceae(0.9828)	g: Tetragenococcus(0.9584)
Otu183		881 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9987)	o: Lactobacillales(0.9603)	f: Enterococaceae(0.9584)	g: Tetragenococcus(0.9584)
Otu454		1688 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9991)	o: Lactobacillales(0.9925)	f: Enterococaceae(0.9751)	g: Tetragenococcus(0.9611)
Otu851		803 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9999)	o: Lactobacillales(0.9909)	f: Enterococaceae(0.9894)	g: Tetragenococcus(0.9890)
Otu624		1821 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9955)	o: Lactobacillales(0.9658)	f: Enterococaceae(0.9636)	g: Tetragenococcus(0.9443)
Otu362		1161 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9991)	o: Lactobacillales(0.9925)	f: Enterococaceae(0.9443)	g: Tetragenococcus(0.9443)
Otu833		1152 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9989)	o: Lactobacillales(0.9837)	f: Enterococaceae(0.9837)	g: Tetragenococcus(0.9804)
Otu713		184 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9997)	o: Lactobacillales(0.9978)	f: Enterococaceae(0.9976)	g: Tetragenococcus(0.9860)
Otu1071		58 d: Bacteria(1.0000)	p: Firmicutes(0.9999)	c: Bacilli(0.9944)	o: Lactobacillales(0.9350)	f: Enterococaceae(0.9290)	g: Tetragenococcus(0.8854)
Otu477		4182 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9960)	o: Lactobacillales(0.9475)	f: Enterococaceae(0.9060)	g: Tetragenococcus(0.8265)
Otu729		4203 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9994)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9611)
Otu324		10860 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9996)	o: Lactobacillales(0.9837)	f: Enterococaceae(0.9837)	g: Tetragenococcus(0.9556)
Otu629		5105 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9996)	o: Lactobacillales(0.9837)	f: Enterococaceae(0.9837)	g: Tetragenococcus(0.9556)
Otu240		3298 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9994)	o: Lactobacillales(0.9837)	f: Enterococaceae(0.9837)	g: Tetragenococcus(0.9584)
Otu937		3576 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9994)	o: Lactobacillales(0.9828)	f: Enterococaceae(0.9828)	g: Tetragenococcus(0.9528)
Otu461		6113 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9995)	o: Lactobacillales(0.9832)	f: Enterococaceae(0.9832)	g: Tetragenococcus(0.9611)
Otu521		1608 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9971)	o: Lactobacillales(0.9603)	f: Enterococaceae(0.9556)	g: Tetragenococcus(0.9556)
Otu870		1059 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(1.0000)	o: Lactobacillales(0.9889)	f: Enterococaceae(0.9870)	g: Tetragenococcus(0.9804)
Otu560		1973 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9994)	o: Lactobacillales(0.9949)	f: Enterococaceae(0.9942)	g: Tetragenococcus(0.9722)
Otu600		511 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9997)	o: Lactobacillales(0.9828)	f: Enterococaceae(0.9828)	g: Tetragenococcus(0.9722)
Otu953		1115 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9976)	o: Lactobacillales(0.9630)	f: Enterococaceae(0.9521)	g: Tetragenococcus(0.9443)
Otu887		118 d: Bacteria(1.0000)	p: Firmicutes(1.0000)	c: Bacilli(0.9988)	o: Lactobacillales(0.9885)	f: Enterococaceae(0.9878)	g: Tetragenococcus(0.9878)
Otu1259		11 d: Bacteria(1.0000)	p: Proteobacteria(0.9)	c: Betaproteobact	o: Hydrogenophilales(0.20)	f: Hydrogenophilaceae(0.0938)	g: Thiobacillus(0.0236)
Otu344		79 d: Bacteria(1.0000)	p: Proteobacteria(0.9)	c: Betaproteobact	o: Hydrogenophilales(0.65)	f: Hydrogenophilaceae(0.4764)	g: Thiobacillus(0.2886)
Otu844		2 d: Bacteria(1.0000)	p: Proteobacteria(0.9)	c: Betaproteobact	o: Burkholderiales(0.9769)	f: Comamonadaceae(0.9060)	g: Variovorax(0.6496)