Corresponding class	Genus	aHLT	aHLT-Wmean	aHLT02	aHLT03	aHLT05	aHLT06	aHLT07	aHLT08	aHLT09	aHLT10	aHLT11	aHLT13
Deltaproteobacteria	Geopsychrobacter		0.03%	-	-	-	-	-	0.64%	-	-	-	-
Alphaproteobacteria	Pannonibacter		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Novosphingobium		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Mesorhizobium		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Bradyrhizobium		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Methylobacterium		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Terasakiella		-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Roseospirillum		0.13%	-	-	-	-	-	-	-	2.38%	-	-
Betaproteobacteria	Ralstonia		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Wautersia		0.00%	-	0.02%	-	-	-	-	-	-	-	-
Betaproteobacteria	Oxalobacter		0.03%	-	0.02%	-	-	0.45%	-	-	-	-	-
Betaproteobacteria	Herbaspirillum		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Kerstersia		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Sutterella		0.77%	-	2.67%	-	0.33%	2.44%	2.37%	-	3.41%	-	-
Betaproteobacteria	Limnobacter		0.17%	0.05%	0.04%	0.03%	0.16%	0.04%	0.31%	0.29%	0.07%	0.77%	0.24%
Betaproteobacteria	Paucimonas		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Neisseria		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Laribacter		-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Microvirgula		-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Rhodanobacter		-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Acinetobacter		-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Succinivibrio		-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Escherichia		0.01%	-	0.07%	-	-	-	-	-	-	0.05%	-
Gammaproteobacteria	Klebsiella		-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Raoultella		0.00%	-	-	-	-	-	-	-	-	0.04%	-
Gammaproteobacteria	Yersinia		0.00%	-	0.01%	-	-	-	-	0.01%	-	-	-
Gammaproteobacteria	Enterobacter		0.01%	0.02%	-	0.02%	0.03%	0.02%	-	-	0.02%	0.03%	-
Gammaproteobacteria	Shigella		0.07%	-	0.65%	0.03%	-	0.01%	0.04%	0.05%	0.04%	0.25%	0.02%
Gammaproteobacteria	Haemophilus		0.15%	0.02%	0.32%	0.28%	0.01%	0.96%	0.04%	0.03%	0.04%	0.03%	0.38%
Deltaproteobacteria	Desulfovibrio		0.71%	1.77%	0.89%	0.07%	-	1.28%	0.82%	-	0.75%	-	1.56%
Epsilonproteobacteria	Campylobacter		0.01%	-	-	-	-	-	-	-	0.02%	0.07%	-
Epsilonproteobacteria	Helicobacter		-	-	-	-	-	-	-	-	-	-	-
Clostridia	Clostridium		1.82%	1.13%	3.05%	3.43%	1.33%	0.86%	2.29%	2.43%	1.19%	1.94%	1.21%
Clostridia	Acetivibrio		2.54%	1.72%	1.56%	2.47%	5.16%	1.65%	2.59%	2.60%	4.33%	2.56%	1.91%
Clostridia	Anaerotruncus		3.08%	4.82%	2.54%	2.74%	6.71%	3.52%	2.33%	2.75%	3.61%	1.86%	1.57%
Clostridia	Bryantella		0.05%	0.12%	0.05%	0.09%	0.08%	0.01%	0.03%	0.07%	0.01%	0.06%	0.02%
Clostridia	Coprobacillus		0.76%	0.79%	0.15%	0.82%	0.74%	0.59%	0.50%	0.92%	0.69%	1.25%	1.16%
Clostridia	Dorea		2.21%	2.05%	2.44%	2.58%	0.63%	1.82%	1.56%	3.30%	1.83%	2.68%	3.03%
Clostridia	Faecalibacterium		8.86%	8.98%	8.94%	6.18%	3.76%	8.06%	9.61%	12.01%	8.98%	9.89%	10.58%
Clostridia	Sporobacter		0.40%	0.42%	0.29%	0.62%	0.52%	0.21%	-	0.11%	0.89%	0.35%	0.63%
Clostridia	Subdoligranulum		2.53%	1.66%	0.69%	2.26%	3.38%	2.41%	2.77%	3.12%	2.14%	3.08%	3.15%
Clostridia	Acetanaerobacterium		0.83%	1.02%	0.05%	1.31%	0.74%	0.77%	1.11%	0.88%	1.01%	0.48%	0.76%
Clostridia	Parasporobacterium		0.10%	0.01%	0.02%	0.17%	0.03%	0.29%	0.08%	0.02%	0.31%	0.32%	-
Clostridia	Lachnospira		4.16%	4.32%	2.81%	7.38%	3.28%	4.22%	4.42%	3.28%	4.02%	4.04%	4.31%
Clostridia	Anaerofilum		0.02%	0.03%	-	0.01%	0.14%	0.04%	0.01%	-	0.01%	0.01%	-
Clostridia	Anaerostipes		2.04%	1.60%	1.93%	2.79%	2.48%	1.87%	2.19%	1.86%	1.84%	2.50%	1.76%
Clostridia	Butyrivibrio		0.11%	0.10%	0.07%	0.02%	0.75%	0.18%	-	0.03%	0.27%	-	0.02%
Clostridia	Catenibacterium		0.00%	-	0.01%	-	-	-	-	-	-	-	-
Clostridia	Coprococcus		1.80%	1.18%	0.05%	2.26%	0.41%	1.41%	2.39%	2.61%	4.45%	1.50%	2.03%
Clostridia	Pseudobutyrivibrio		-	-	-	-	-	-	-	-	-	-	-
Clostridia	Roseburia		6.10%	7.66%	3.57%	7.39%	4.75%	8.11%	4.97%	5.80%	6.63%	6.69%	5.07%
Clostridia	Ruminococcus		21.36%	22.78%	18.77%	23.17%	22.11%	20.36%	15.79%	23.95%	17.90%	22.09%	24.21%
Clostridia	Oribacterium		0.00%	-	-	-	-	-	-	0.02%	-	-	-
Clostridia	Lachnobacterium		0.62%	0.92%	0.38%	0.22%	1.14%	0.12%	1.38%	0.58%	0.70%	0.70%	0.15%
Clostridia	Peptostreptococcus		0.00%	0.02%	-	-	-	-	-	-	-	-	-
Clostridia	Anaerococcus		0.01%	-	0.01%	-	0.01%	-	0.01%	-	-	0.10%	-
Clostridia	Micromonas		0.01%	0.06%	0.01%	0.01%	-	0.01%	-	-	0.01%	0.01%	0.01%
Clostridia	Eubacterium		4.23%	4.06%	4.64%	4.61%	4.41%	3.60%	2.16%	5.56%	3.39%	4.88%	4.35%
Clostridia	Anaerovorax		0.59%	1.42%	0.35%	0.48%	0.29%	0.81%	0.60%	0.75%	0.67%	0.28%	0.51%
Clostridia	Mogibacterium		0.01%	0.04%	-	-	0.01%	0.01%	-	-	-	0.01%	0.01%
Clostridia	Anaerofustis		0.06%	0.16%	0.07%	0.04%	0.21%	-	-	0.13%	-	-	0.09%
Clostridia	Peptococcus		0.25%	1.45%	1.48%	-	0.45%	-	0.66%	-	-	-	-
Clostridia	Desulfitobacterium		-	-	-	-	-	-	-	-	-	-	-
Clostridia	Acidaminococcus		0.05%	-	0.94%	-	-	-	-	-	-	-	-
Clostridia	Allisonella		-	-	-	-	-	-	-	-	-	-	-
Clostridia	Dialister		0.17%	0.69%	1.20%	0.85%	-	-	0.03%	-	-	0.03%	-
Clostridia	Megasphaera		0.01%	0.01%	0.01%	0.02%	-	0.02%	0.02%	0.02%	0.01%	-	0.01%
Clostridia	Mitsuokella		0.00%	-	-	-	-	0.01%	-	-	-	-	-
Clostridia	Papillibacter		6.61%	7.23%	5.35%	4.87%	10.25%	5.71%	9.28%	5.05%	6.69%	7.32%	6.13%
Clostridia	Phascolarctobacterium		0.73%	-	-	0.84%	1.78%	0.21%	1.35%	1.35%	0.22%	0.30%	1.35%
Clostridia	Succiniclasticum		-	-	-	-	-	-	-	-	-	-	-
Clostridia	Veillonella		0.17%	0.05%	0.73%	0.25%	0.04%	0.05%	0.02%	0.45%	0.05%	0.03%	0.65%
Clostridia	Anaerosinus		0.01%	0.22%	-	-	-	-	-	-	-	-	-
Clostridia	Caloranaerobacter		0.05%	0.06%	0.01%	0.07%	0.14%	0.06%	0.06%	0.04%	0.03%	-	-
Clostridia	Dehalobacter		0.04%	-	-	0.08%	0.26%	0.09%	0.19%	-	-	-	-
Clostridia	Fusibacter		0.00%	-	-	0.02%	0.02%	-	0.01%	-	-	-	-
Clostridia	Hespellia		0.07%	0.01%	-	0.07%	-	0.23%	0.27%	-	0.15%	0.12%	-
Clostridia	Garciella		0.20%	-	0.52%	-	-	-	1.28%	-	0.40%	-	1.08%
Clostridia	Pelotomaculum		0.06%	-	-	-	1.22%	-	-	-	-	-	-
Clostridia	Acidaminobacter		0.22%	-	-	1.08%	1.85%	0.46%	0.01%	-	0.08%	-	0.01%
Clostridia	Mahella		0.04%	-	-	0.11%	0.05%	0.24%	-	-	0.16%	-	0.03%
Clostridia	Caminicella		0.02%	-	-	0.38%	0.02%	-	-	-	-	-	0.01%
Clostridia	Oxobacter		0.04%	-	-	0.33%	-	0.31%	-	-	0.07%	-	-
Mollicutes	Holdemania		1.32%	1.46%	0.49%	5.71%	6.36%	2.06%	0.32%	0.24%	0.38%	0.17%	0.59%
Mollicutes	Solobacterium		0.24%	0.26%	0.30%	0.33%	0.51%	0.21%	0.28%	0.15%	0.17%	0.20%	0.11%

Corresponding class	Genus	kHLT	kHLT-Wmean	kHLT05	kHLT06	kHLT07	kHLT08	kHLT09	kHLT10	kHLT11	kHLT12	kHLT13	kHLT14	kHLT15	kHLT16	kHLT17	kHLT18	kHLT19	kHLT20	kHLT22	kHLT23	kHLT24	kHLT26	kHLT27	kHLT28
Deltaproteobacteria	Geopsychrobacter		0.03%	0.28%	-	-	-	-	0.80%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Pannonibacter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Novosphingobium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Mesorhizobium		0.00%	0.02%	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Bradyrhizobium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Methylobacterium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Terasakiella		0.04%	0.18%	-	-	-	-	1.56%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alphaproteobacteria	Roseospirillum		0.00%	-	0.03%	-	-	-	-	-	-	0.01%	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Ralstonia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Wautersia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Oxalobacter		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	0.02%	-	-	-	-	-	-	-	-	0.01%
Betaproteobacteria	Herbaspirillum		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Kerstersia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Sutterella		0.17%	1.65%	0.82%	1.18%	-	-	-	-	0.98%	-	-	-	-	-	-	-	-	-	-	1.96%	-	-	-
Betaproteobacteria	Limnobacter		0.38%	0.06%	0.05%	0.07%	0.02%	-	0.22%	0.02%	0.16%	0.76%	1.27%	1.15%	1.17%	0.75%	0.52%	-	0.31%	0.62%	0.48%	0.12%	0.41%	0.34%	0.42%
Betaproteobacteria	Paucimonas		0.00%	-	-	-	-	-	-	-	-	-	-	-	0.02%	-	-	-	-	-	0.01%	-	-	-	-
Betaproteobacteria	Neisseria		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Laribacter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Betaproteobacteria	Microvirgula		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Rhodanobacter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Acinetobacter		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Succinivibrio		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gammaproteobacteria	Escherichia		0.04%	-	0.13%	-	0.32%	0.01%	-	0.05%	-	0.20%	0.02%	0.02%	-	0.03%	-	0.01%	0.03%	0.01%	0.19%	-	0.04%	0.03%	0.05%
Gammaproteobacteria	Klebsiella		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-
Gammaproteobacteria	Raoultella		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03%	-	-	-	-	-
Gammaproteobacteria	Yersinia		0.00%	-	0.01%	-	-	-	-	-	-	0.01%	-	0.01%	-	-	0.01%	-	-	-	-	-	-	0.01%	-
Gammaproteobacteria	Enterobacter		0.00%	-	-	0.02%	-	-	0.01%	0.02%	-	-	-	-	-	0.01%	-	-	-	0.04%	-	-	-	-	-
Gammaproteobacteria	Shigella		0.15%	-	0.73%	0.01%	1.16%	0.04%	-	0.21%	-	0.61%	-	0.08%	0.03%	0.11%	-	0.03%	0.15%	0.02%	0.55%	-	0.15%	0.16%	0.46%
Gammaproteobacteria	Haemophilus		0.16%	0.02%	-	0.07%	0.28%	0.25%	0.07%	2.10%	0.05%	0.06%	-	0.04%	0.18%	0.93%	0.11%	0.14%	0.02%	0.37%	0.03%	0.03%	0.08%	0.10%	0.08%
Deltaproteobacteria	Desulfovibrio		0.98%	2.05%	1.03%	1.12%	1.46%	-	1.70%	-	0.73%	1.10%	1.28%	1.42%	1.25%	-	-	1.09%	1.03%	0.02%	2.84%	1.12%	1.11%	-	0.67%
Epsilonproteobacteria	Campylobacter		0.00%	-	-	0.07%	-	-	-	0.08%	-	-	-	-	-	-	-	-	-	-	-	-	0.04%	-	-
Epsilonproteobacteria	Helicobacter		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Clostridium		2.82%	1.36%	1.77%	2.27%	4.32%	2.49%	2.21%	3.59%	2.39%	1.97%	3.72%	4.21%	2.88%	3.23%	3.21%	1.84%	3.35%	1.92%	3.87%	2.36%	3.54%	2.83%	2.86%
Clostridia	Acetivibrio		2.07%	2.18%	2.42%	2.52%	1.71%	0.28%	4.60%	1.95%	1.85%	2.32%	1.80%	1.95%	1.39%	3.24%	3.27%	1.94%	0.99%	2.53%	2.49%	1.45%	2.04%	1.66%	1.84%
Clostridia	Anaerotruncus		3.19%	3.19%	4.45%	3.30%	0.80%	3.66%	4.49%	3.20%	5.77%	4.44%	3.36%	0.76%	3.05%	1.60%	1.56%	3.70%	3.28%	2.54%	2.92%	4.42%	3.57%	2.91%	2.38%
Clostridia	Bryantella		0.05%	0.04%	0.05%	0.12%	-	0.06%	0.05%	0.51%	0.02%	0.04%	0.04%	0.08%	0.01%	0.05%	0.01%	0.06%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.01%
Clostridia	Coprobacillus		0.75%	0.82%	0.20%	1.27%	0.08%	0.88%	0.72%	1.06%	0.10%	0.87%	0.29%	0.72%	0.89%	1.09%	0.85%	0.69%	0.50%	0.98%	1.03%	0.92%	0.87%	0.55%	0.54%
Clostridia	Dorea		1.99%	3.23%	1.61%	1.68%	2.77%	2.62%	1.30%	0.76%	1.86%	1.60%	1.56%	3.21%	1.41%	2.08%	2.42%	2.23%	2.57%	1.84%	1.14%	2.21%	1.58%	2.35%	2.09%
Clostridia	Faecalibacterium		8.98%	7.30%	6.60%	9.00%	4.41%	9.97%	5.52%	4.69%	8.28%	7.64%	9.53%	7.71%	12.18%	9.84%	14.60%	13.62%	10.10%	9.69%	6.25%	12.18%	10.48%	9.50%	8.38%
Clostridia	Sporobacter		0.35%	-	0.74%	0.17%	-	0.36%	1.07%	-	0.14%	0.05%	-	-	-	-	0.15%	0.59%	0.34%	0.33%	1.28%	0.75%	1.06%	0.80%	0.67%
Clostridia	Subdoligranulum		2.79%	1.45%	3.17%	2.68%	3.16%	3.85%	2.07%	5.08%	1.58%	1.96%	4.00%	1.09%	1.94%	3.33%	1.68%	3.12%	3.97%	3.25%	2.99%	2.59%	2.57%	3.24%	2.67%
Clostridia	Acetanaerobacterium		0.88%	0.41%	2.05%	1.40%	-	1.03%	0.48%	1.41%	1.24%	0.74%	1.10%	0.07%	1.01%	1.37%	0.05%	1.31%	0.14%	0.74%	1.95%	0.09%	1.12%	0.57%	0.95%
Clostridia	Parasporobacterium		0.02%	0.01%	-	-	-	0.02%	0.01%	-	0.01%	0.01%	0.05%	0.01%	0.02%	0.01%	0.02%	-	0.02%	0.02%	0.01%	-	-	0.01%	0.23%
Clostridia	Lachnospira		3.59%	1.89%	2.53%	3.16%	6.30%	7.43%	3.47%	4.87%	2.62%	3.73%	3.29%	4.91%	3.34%	4.30%	5.72%	4.76%	2.52%	4.27%	2.41%	0.83%	1.80%	3.01%	3.50%
Clostridia	Anaerofilum		0.00%	-	0.01%	0.02%	-	-	0.04%	-	-	0.03%	-	-	-	-	-	-	-	-	0.01%	0.02%	-	-	-
Clostridia	Anaerostipes		2.31%	3.13%	2.53%	2.77%	1.46%	1.68%	1.50%	4.77%	2.70%	2.06%	2.21%	2.32%	2.10%	1.16%	2.45%	1.99%	2.59%	1.79%	2.24%	2.08%	3.26%	2.00%	2.96%
Clostridia	Butyrivibrio		0.00%	-	0.02%	-	-	-	0.05%	-	-	0.03%	-	-	-	-	-	-	-	-	0.02%	-	0.01%	0.02%	-
Clostridia	Catenibacterium		0.00%	-	-	-	-	-	-	-	-	0.02%	-	-	-	-	-	-	0.01%	-	-	-	0.01%	-	0.03%
Clostridia	Coprococcus		1.36%	2.64%	1.75%	2.14%	0.74%	1.54%	3.18%	0.92%	0.02%	1.66%	1.22%	0.03%	0.01%	1.19%	1.11%	1.63%	2.10%	0.09%	2.09%	0.86%	1.30%	1.26%	2.47%
Clostridia	Pseudobutyrivibrio		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Roseburia		5.19%	4.56%	1.78%	6.14%	6.51%	4.85%	6.68%	7.63%	1.87%	8.23%	3.95%	3.26%	6.87%	6.69%	6.95%	7.48%	4.03%	3.97%	3.75%	2.75%	2.60%	6.23%	5.95%
Clostridia	Ruminococcus		21.42%	20.84%	17.79%	18.18%	32.74%	28.64%	17.14%	22.19%	19.52%	19.21%	25.98%	28.20%	21.96%	23.75%	24.64%	21.59%	19.12%	21.81%	14.52%	22.16%	19.00%	19.80%	18.49%
Clostridia	Oribacterium		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-
Clostridia	Lachnobacterium		0.50%	0.15%	1.08%	0.11%	2.56%	0.31%	0.59%	1.94%	0.22%	1.38%	0.20%	0.15%	1.06%	0.26%	1.68%	0.10%	0.44%	0.11%	0.22%	0.21%	0.13%	0.84%	0.23%
Clostridia	Peptostreptococcus		0.00%	0.01%	-	-	-	-	0.01%	0.02%	-	-	-	0.04%	0.01%	-	-	-	-	0.01%	-	-	-	-	-
Clostridia	Anaerococcus		0.03%	-	0.51%	0.03%	-	-	0.01%	-	-	0.02%	0.23%	0.01%	-	-	-	0.07%	0.09%	0.03%	0.01%	-	0.04%	-	-
Clostridia	Micromonas		0.01%	0.01%	-	0.01%	-	0.02%	0.03%	-	-	0.01%	0.14%	0.10%	-	0.01%	-	-	0.01%	0.02%	0.01%	-	-	0.01%	0.01%
Clostridia	Eubacterium		4.07%	4.10%	2.55%	3.33%	1.56%	6.20%	3.71%	5.73%	4.47%	4.00%	5.61%	4.39%	5.51%	2.95%	3.86%	5.24%	5.87%	2.91%	3.48%	3.91%	4.06%	3.38%	3.87%
Clostridia	Anaerovorax		0.88%	0.32%	1.14%	1.93%	0.45%	1.00%	0.78%	0.11%	0.67%	1.01%	1.92%	0.14%	1.02%	0.14%	0.60%	0.07%	1.25%	0.31%	2.00%	0.20%	1.17%	1.79%	1.67%
Clostridia	Mogibacterium		0.01%	0.01%	0.01%	0.02%	-	-	-	0.03%	-	0.01%	0.02%	-	0.02%	-	-	-	0.01%	0.02%	0.04%	-	0.01%	0.02%	0.01%
Clostridia	Anaerofustis		0.09%	0.41%	0.11%	0.22%	0.06%	-	0.12%	0.08%	-	0.16%	0.14%	-	-	0.08%	0.06%	-	0.11%	0.11%	0.09%	0.13%	0.08%	0.15%	0.04%
Clostridia	Peptococcus		0.03%	0.01%	0.04%	-	-	-	0.39%	-	-	-	-	-	0.01%	-	-	-	0.14%	-	0.71%	-	-	-	-
Clostridia	Desulfitobacterium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Acidaminococcus		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Allisonella		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Dialister		0.32%	-	0.25%	-	-	1.17%	0.14%	0.40%	0.41%	0.48%	-	0.09%	1.41%	-	-	0.72%	0.15%	0.88%	-	0.88%	0.45%	0.26%	0.25%
Clostridia	Megasphaera		0.01%	0.01%	-	0.02%	-	0.01%	0.02%	-	-	0.01%	-	0.02%	0.01%	-	0.01%	0.02%	-	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
Clostridia	Mitsuokella		0.00%	-	0.01%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Papillibacter		5.89%	4.04%	6.28%	7.27%	4.40%	2.57%	6.19%	4.07%	7.82%	7.52%	7.45%	3.11%	3.61%	2.96%	6.24%	3.96%	7.97%	5.99%	6.53%	7.18%	6.86%	8.54%	7.07%
Clostridia	Phascolarctobacterium		0.34%	1.22%	0.97%	1.19%	-	-	1.14%	-	-	0.01%	1.72%	1.82%	-	-	1.35%	-	1.52%	-	0.01%	-	-	0.03%	0.60%
Clostridia	Succiniclasticum		0.01%	-	-	-	0.30%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05%	-	-	-
Clostridia	Veillonella		0.22%	0.01%	0.01%	0.13%	0.62%	0.30%	-	1.39%	-	0.22%	0.03%	0.04%	0.36%	0.86%	0.14%	0.24%	0.04%	1.27%	0.09%	0.08%	0.16%	0.14%	0.02%
Clostridia	Anaerosinus		0.01%	-	-	-	-	0.14%	-	0.01%	-	-	-	0.07%	-	-	-	-	-	-	-	-	-	-	-
Clostridia	Caloranaerobacter		0.07%	0.15%	0.16%	0.12%	-	-	0.19%	-	-	0.10%	0.09%	-	-	-	0.05%	0.02%	0.09%	-	0.27%	0.06%	0.11%	0.15%	0.08%
Clostridia	Dehalobacter		0.04%	-	0.23%	0.46%	-	-	0.03%	-	-	-	-	-	-	-	0.02%	0.04%	-	-	-	-	0.07%	0.35%	0.12%
Clostridia	Fusibacter		0.01%	-	-	0.02%	-	-	0.02%	-	-	0.01%	-	-	-	-	0.02%	-	-	-	0.05%	0.12%	0.13%	-	-
Clostridia	Hespellia		0.00%	0.01%	-	-	-	-	0.04%	-	-	-	-	-	-	-	-	0.04%	-	-	-	-	-	-	0.11%
Clostridia	Garciella		0.20%	0.96%	-	-	-	-	1.16%	-	-	0.59%	-	-	-	-	-	-	1.19%	-	1.20%	-	1.29%	-	0.86%
Clostridia	Pelotomaculum		0.03%	-	0.76%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.15%	0.17%	-	-
Clostridia	Acidaminobacter		0.30%	-	2.38%	0.01%	-	-	1.55%	0.01%	-	0.01%	-	0.01%	0.01%	-	0.23%	0.01%	-	-	2.58%	-	2.42%	-	2.13%
Clostridia	Mahella		0.03%	-	0.04%	0.19%	-	-	0.39%	-	-	0.04%	-	-	-	-	-	-	-	-	0.03%	0.07%	0.29%	-	0.03%
Clostridia	Caminicella		0.02%	0.01%	0.01%	0.04%	-	-	-	-	-	-	0.02%	0.01%	0.01%	-	-	-	-	-	0.33%	0.02%	0.03%	-	0.08%
Clostridia	Oxobacter		0.08%	-	0.10%	0.39%	-	-	0.22%	-	-	0.04%	-	-	-	-	0.29%	-	0.14%	-	0.56%	0.15%	0.35%	-	0.46%
Mollicutes	Holdemania		0.99%	0.92%	6.02%	0.98%	1.37%	0.42%	0.26%	3.25%	0.06%	0.27%	1.03%	0.11%	0.19%	2.16%	0.35%	0.47%	0.51%	1.36%	5.05%	0.32%	1.10%	0.40%	0.48%
Mollicutes	Solobacterium		0.20%	0.26%	0.16%	0.23%	0.10%	0.04%	0.36%	0.10%	0.16%	0.22%	0.47%	0.34%	0.10%	0.59%	0.15%	0.12%	0.17%	0.20%	0.18%	0.30%	0.18%	0.19%	0.11%

Corresponding class	Genus	aHLT	aHLT-Wmean	aHLT02	aHLT03	aHLT05	aHLT06	aHLT07	aHLT08	aHLT09	aHLT10	aHLT11	aHLT13
Mollicutes	Bulleidia		0.00%	-	-	-	-	0.05%	-	-	-	-	-
Bacilli	Staphylococcus		0.00%	-	-	0.01%	-	-	-	-	-	-	-
Bacilli	Gemella		0.02%	0.08%	0.02%	-	-	0.09%	-	-	-	0.02%	0.03%
Bacilli	Turicibacter		0.16%	0.10%	0.39%	0.47%	-	0.05%	0.08%	0.23%	0.01%	0.01%	0.59%
Bacilli	Lactobacillus		0.03%	-	-	-	-	0.47%	-	0.06%	-	0.03%	-
Bacilli	Enterococcus		0.06%	-	-	0.22%	-	0.70%	0.09%	-	0.01%	-	-
Bacilli	Streptococcus		2.18%	3.90%	1.71%	1.01%	0.75%	4.24%	0.89%	2.63%	1.35%	2.08%	4.45%
Bacilli	Lactococcus		0.36%	0.28%	-	1.11%	0.03%	0.69%	-	0.82%	-	0.01%	1.78%
Bacilli	Syntrophococcus		0.54%	-	-	1.54%	-	1.61%	0.70%	0.94%	1.05%	0.09%	-
Actinobacteria	Collinsella		1.10%	-	2.11%	0.75%	-	1.06%	1.71%	1.90%	1.08%	1.26%	1.03%
Actinobacteria	Eggerthella		0.45%	0.86%	0.42%	0.08%	0.91%	0.26%	1.11%	0.27%	0.59%	0.18%	0.26%
Actinobacteria	Slackia		0.06%	-	0.01%	0.08%	-	0.20%	0.13%	-	0.07%	0.11%	-
Actinobacteria	Actinomyces		0.02%	0.06%	0.02%	-	-	0.03%	-	-	0.02%	0.04%	0.06%
Actinobacteria	Rothia		0.01%	0.02%	-	0.02%	0.03%	0.03%	-	-	-	-	0.06%
Actinobacteria	Brachybacterium		-	-	-	-	-	-	-	-	-	-	-
Actinobacteria	Corynebacterium		-	-	-	-	-	-	-	-	-	-	-
Actinobacteria	Bifidobacterium		5.35%	3.35%	12.33%	0.16%	-	0.29%	12.97%	7.59%	3.90%	7.88%	6.68%
Spirochaetes	Brachyspira		0.07%	0.27%	0.10%	0.05%	-	0.07%	-	0.07%	0.11%	0.08%	-
Spirochaetes	Leptospira		-	-	-	-	-	-	-	-	-	-	-
Spirochaetes	Leptonema		-	-	-	-	-	-	-	-	-	-	-
Bacteroidetes	Bacteroides		5.40%	5.67%	4.00%	5.62%	6.83%	7.12%	4.04%	3.50%	4.87%	8.58%	4.46%
Bacteroidetes	Alistipes		1.32%	2.15%	0.94%	0.84%	3.66%	1.11%	1.51%	1.11%	1.21%	0.52%	1.25%
Bacteroidetes	Tannerella		0.30%	0.01%	0.20%	0.70%	-	2.21%	-	0.08%	0.01%	0.43%	0.40%
Bacteroidetes	Prevotella		0.67%	-	5.95%	-	-	2.05%	-	0.02%	2.62%	0.07%	-
Bacteroidetes	Anaerophaga		0.30%	-	1.55%	0.11%	0.03%	0.83%	0.28%	-	0.09%	1.24%	0.04%
Bacteroidetes	Rikenella		0.02%	-	0.03%	0.04%	-	0.03%	-	-	-	0.18%	-
Fusobacteria	Fusobacterium		-	-	-	-	-	-	-	-	-	-	-
Fusobacteria	Cetobacterium		-	-	-	-	-	-	-	-	-	-	-
Verrucomicrobiae	Verrucomicrobium		0.93%	2.83%	1.45%	0.72%	1.18%	0.98%	1.61%	0.33%	-	0.54%	0.24%
Lentisphaerae	Victivallis		0.23%	-	0.62%	-	-	0.02%	0.11%	-	2.97%	-	-

Genus	kHLT	kHLT-Wmean	kHLT05	kHLT06	kHLT07	kHLT08	kHLT09	kHLT10	kHLT11	kHLT12	kHLT13	kHLT14	kHLT15	kHLT16	kHLT17	kHLT18	kHLT19	kHLT20	kHLT22	kHLT23	kHLT24	kHLT26	kHLT27	kHLT28
Bulleidia		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Staphylococcus		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gemella		0.02%	0.02%	0.02%	-	0.02%	0.03%	-	0.10%	-	0.02%	0.04%	0.05%	0.04%	0.09%	-	-	0.02%	0.07%	0.01%	-	-	-	0.01%
Turicibacter		0.39%	0.68%	0.09%	0.46%	1.46%	0.17%	0.52%	0.33%	0.22%	0.23%	0.33%	0.81%	0.08%	0.22%	0.41%	0.32%	0.19%	0.28%	0.88%	0.25%	0.18%	0.50%	0.68%
Lactobacillus		0.03%	0.04%	0.01%	0.02%	-	0.02%	-	0.01%	-	0.83%	-	0.02%	0.03%	0.06%	-	-	0.01%	0.01%	0.01%	-	-	-	-
Enterococcus		0.01%	-	-	-	-	-	-	0.03%	-	-	-	-	-	-	-	-	-	-	-	0.06%	0.02%	-	0.39%
Streptococcus		2.90%	3.95%	1.50%	3.15%	3.44%	4.69%	0.15%	6.16%	1.60%	0.72%	0.30%	2.34%	3.93%	5.06%	2.39%	2.71%	0.88%	5.24%	1.83%	4.42%	4.20%	3.51%	1.65%
Lactococcus		0.27%	1.05%	0.39%	0.17%	0.01%	0.18%	-	0.08%	0.82%	1.09%	0.04%	0.88%	0.03%	1.46%	0.04%	0.06%	1.06%	0.86%	0.02%	0.03%	0.02%	-	-
Syntrophococcus		0.59%	1.28%	-	0.05%	2.49%	0.95%	0.99%	-	-	0.01%	0.33%	0.55%	0.01%	0.43%	1.95%	1.44%	0.54%	1.50%	0.55%	0.26%	0.33%	0.02%	0.56%
Collinsella		1.02%	0.37%	1.57%	2.19%	0.19%	2.70%	0.04%	-	2.53%	1.92%	-	3.38%	2.70%	-	-	-	-	1.81%	0.71%	1.01%	1.27%	-	1.29%
Eggerthella		0.26%	0.61%	0.24%	0.54%	0.32%	0.09%	0.23%	-	0.30%	0.20%	-	0.09%	0.35%	0.16%	0.12%	0.13%	0.33%	0.84%	0.19%	-	0.15%	0.72%	0.82%
Slackia		0.01%	-	-	-	-	-	0.07%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.14%
Actinomyces		0.03%	0.03%	0.06%	0.06%	0.03%	0.05%	-	0.07%	-	0.03%	-	0.03%	0.05%	0.29%	-	-	0.03%	0.05%	-	-	0.03%	0.04%	0.02%
Rothia		0.01%	0.01%	-	0.05%	0.07%	-	0.01%	0.22%	-	-	-	-	0.05%	0.03%	-	-	-	0.02%	-	-	-	0.02%	-
Brachybacterium		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-
Corynebacterium		0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	0.01%	-	0.01%	-	-
Bifidobacterium		8.96%	10.83%	8.63%	7.46%	5.83%	0.03%	9.36%	10.72%	19.18%	11.20%	5.53%	13.28%	9.35%	10.77%	0.11%	7.36%	9.92%	8.30%	5.32%	8.15%	9.12%	12.89%	10.95%
Brachyspira		0.03%	-	-	0.03%	-	-	0.03%	-	0.46%	0.03%	-	0.20%	0.10%	-	-	-	0.02%	0.02%	0.17%	-	-	-	0.03%
Leptospira		0.00%	-	-	0.02%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	0.02%	-
Leptonema		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bacteroides		5.74%	7.58%	5.53%	5.18%	5.59%	9.05%	5.01%	0.01%	7.33%	5.61%	6.48%	6.00%	6.54%	3.85%	7.32%	6.40%	6.20%	7.56%	5.44%	5.24%	4.07%	4.97%	4.74%
Alistipes		1.51%	1.72%	2.26%	1.54%	0.54%	0.14%	2.60%	-	1.29%	1.68%	1.22%	0.65%	0.31%	2.49%	1.49%	1.41%	1.46%	1.45%	3.48%	2.36%	2.44%	1.45%	1.43%
Tannerella		0.15%	0.67%	0.86%	0.37%	-	0.03%	1.10%	-	0.13%	-	-	-	0.01%	0.01%	0.86%	0.14%	-	-	0.01%	0.69%	-	0.10%	0.03%
Prevotella		0.22%	0.33%	0.53%	0.02%	-	-	0.71%	-	0.46%	0.02%	-	-	-	-	0.47%	-	0.01%	0.30%	0.20%	4.73%	0.03%	-	-
Anaerophaga		0.14%	0.74%	0.64%	0.57%	-	0.03%	1.00%	-	-	-	-	-	0.01%	-	0.14%	0.99%	-	-	0.02%	0.04%	0.63%	-	0.02%
Rikenella		0.02%	0.18%	0.02%	-	-	-	0.14%	-	-	-	-	-	-	-	0.01%	-	-	-	-	-	0.29%	-	-
Fusobacterium		0.00%	-	0.02%	-	-	-	-	-	-	-	-	-	-	0.01%	-	-	-	-	-	-	-	-	-
Cetobacterium		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Verrucomicrobium		1.01%	-	2.47%	2.05%	0.34%	-	1.64%	-	-	0.93%	2.01%	0.02%	1.38%	0.22%	0.27%	-	2.41%	1.53%	2.14%	-	1.47%	2.09%	1.34%
Victivallis		0.08%	-	0.04%	0.04%	-	-	0.07%	-	-	0.01%	0.03%	-	-	-	-	0.12%	-	-	2.50%	-	-	-	-