Table 1. TAXAPRO analysis results

COVID-19 samples	SUPERKINGDOM	PHYLUM	CLASS	ORDER	FAMILY	GENUS	SPECIES	STRAIN	HITS	Relative abundance (%)
SAMPLE 1	Bacteria	Firmicutes	Clostridia	Eubacteriales	Peptococcaceae	Pelotomaculum	Pelotomaculumthermop ropionicum	Pelotomaculumthermo propionicum SI	5000	10.15
	Bacteria	Firmicutes	Clostridia	Eubacteriales	Peptococcaceae	DesulfoFarcimen	Desulfotomaculumacet oxidans	Desulfotomaculumace toxidans DSM 771	5209	10.58
	Bacteria	Proteobacteria	Betaproteo- bacteria	Burkholderiales	Burkholderiace ae	Ralstonia	Ralstonia solanacearum	Ralstonia solanacearum PSI07	4079	8.28
SAMPLE 2	Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides	Bacteroides fragilis	Bacteroides fragilis NCTC 9343	1976	8.30
	Bacteria	Proteobacteria	Gammaprot eo-bacteria	Enterobacterales	Morganellaceae	Xenorhabdus	Xenorhabdusnematophi la	Xenorhabdusnematop hila ATCC 19061	1911	8.03
	Bacteria	Tenericutes	Mollicutes	Mycoplasmatale s	Mycoplasmatac eae	Mycoplasma	Mycoplasma pneumoniae	Mycoplasma pneumoniae M129	1864	7.83
SAMPLE 3	Bacteria	Cyanobacteria		Nostocales	Nostocaceae	Trichormus	Trichormus azollae	Nostoc azollae 0708	522	19.39
	Bacteria	Proteobacteria	Gammaprot eo-bacteria	Enterobacterales	Morganellaceae	Xenorhabdus	Xenorhabdusnematophi la	Xenorhabdusnematop hila ATCC 19061	499	18.53
	Bacteria	Bacteroidetes	Cytophagia	Cytophagales	Amoebophilace ae	CandidatusAmoe bophilus	CandidatusAmoebophil us asiaticus	CandidatusAmoeboph ilus asiaticus 5a2	433	16.08
SAMPLE 4	Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides	Bacteroides fragilis	Bacteroides fragilis NCTC 9343	8282	10.56
	Bacteria	Proteobacteria	Gammaprot eo-bacteria	Enterobacterales	Enterobacteriac eae	Escherichia	Escherichia coli	Escherichia coli UMN026	7133	9.09
	Bacteria	Firmicutes	Clostridia	Eubacteriales	Peptococcaceae	Pelotomaculum	Pelotomaculumthermop ropionicum	Pelotomaculumthermo propionicum SI	4836	6.16

SAMPLE 5	Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides	Bacteroides fragilis	Bacteroides fragilis NCTC 9343	13919	13.10
	Bacteria	Firmicutes	Clostridia	Eubacteriales	Peptococcaceae	DesulfoFarcimen	Desulfotomaculumacet oxidans	Desulfotomaculumace toxidans DSM 771	8783	8.27
	Bacteria	Firmicutes	Clostridia	Eubacteriales	Peptococcaceae	Pelotomaculum	Pelotomaculumthermop ropionicum	Pelotomaculumthermo propionicum SI	8045	7.57
SAMPLE 6	Bacteria	Bacteroidetes	Bacteroidia	Bacteroidales	Bacteroidaceae	Bacteroides	Bacteroides fragilis	Bacteroides fragilis NCTC 9343	5205	13.09
	Bacteria	Cyanobacteria	Bacteria	Nostocales	Nostocaceae	Trichormus	Trichormus azollae	Nostoc azollae 0708	4029	10.13
	Bacteria	Proteobacteria	Gammaprot eo-bacteria	Enterobacterales	Morganellaceae	Xenorhabdus	Xenorhabdusnematophi la	Xenorhabdusnematop hila ATCC 19061	3393	8.53