

Metadata category	Metadata	Requirement	Description	Syntax	Example value	Specificity to UVIGs
General genome metadata	source of UVIGs	Mandatory	Type of dataset from which the UVIG was obtained	[metagenome (not viral targeted) viral fraction metagenome (virome) sequence-targeted metagenome metatranscriptome (not viral targeted) viral fraction RNA metagenome (RNA virome) sequence-targeted RNA metagenome microbial single amplified genome (SAG) viral single amplified genome (vSAG) isolate microbial genome other]	viral fraction metagenome (virome)	New and specific to UVIGs
	assembly software	Mandatory	Tool(s) used for assembly and/or binning, including version number and parameters	{software};{version};{parameters}	metaSPAdes; 3.11.0; kmer set 21,33,55,77,99,121, default parameters otherwise	Identical MIMAG / MISAG
	viral identification software	Mandatory	Tool(s) used for the identification of UVIG as a viral genome, software or protocol name including version number, parameters, and cutoffs used (see Table S2)	{software};{version};{parameters}	VirSorter; 1.0.4; Virome database, category 2	New and specific to UVIGs
	predicted genome type	Mandatory	Type of genome predicted for the UVIG	[DNA dsDNA ssDNA RNA dsRNA ssRNA ssRNA (+) ssRNA (-) mixed uncharacterized]	dsDNA	New and specific to UVIGs
	predicted genome structure	Mandatory	Expected structure of the viral genome	[segmented non-segmented undetermined]	non-segmented	New and specific to UVIGs
	detection type	Mandatory	Type of UVIG detection	[independent sequence (UVIG) provirus (UpViG)]	independent sequence (UVIG)	New and specific to UVIGs
Genome quality	assembly quality	Mandatory	The assembly quality categories, specific for virus genomes, are based on sets of criteria as follows. Finished: Single, validated, contiguous sequence per replicon without gaps or ambiguities, with extensive manual review and editing to annotate putative gene functions and transcriptional units. High-quality draft genome: One or multiple fragments, totaling ≥ 90% of the expected genome or replicon sequence or predicted complete. Genome fragment(s): One or multiple fragments, totalling < 90% of the expected genome or replicon sequence, or for which no genome size could be estimated.	[Finished genome High-quality draft genome Genome fragment(s)]	High-quality draft genome	Comparable to and adapted from MIMAG / MISAG
	number of contigs	Mandatory	Total number of contigs composing the UVIG	{number}	1	Identical MIMAG / MISAG
	completeness score	Conditional (required for finished genomes and high-quality draft genomes, optional for other categories)	Estimated completeness of the UVIG	{quality};{percentage}	high;92%	Comparable to and adapted from MIMAG / MISAG
	completeness approach	Conditional (required if a completeness estimation is provided)	Approach used to estimate the UVIG completeness, including reference genome or group used, and contig feature suggesting a complete genome	{text}	UVIG length compared to the average length of reference genomes from the P22virus genus (NCBI RefSeq v83)	Comparable to and adapted from MIMAG / MISAG
Genome annotation	feature prediction	Conditional (required if genome annotation is provided)	Method used to predict UVIGs features such as ORFs, integration site, etc.	{software};{version};{parameters}	Prodigal; 2.6.3; default parameters	Comparable to and adapted from MIMAG / MISAG
	reference database(s)	Conditional (required if a viral-specific ORF annotation is provided)	List of database(s) used for ORF annotation, along with version number and reference to website or publication	{database};{version};{reference}	pVOGs; 5; http://dmk-brain.ecn.uiowa.edu/pVOGs/ Graziotin et al. 2017 doi:10.1093/nar/gkw975	Comparable to and adapted from MIMAG / MISAG
	similarity search method	Conditional (required if a viral reference database is provided)	Tool used to compare ORFs with database, along with version and cutoffs used	{software};{version};{parameters}	HMMER3; 3.1b2; hmmsearch, cutoff of 50 on score	Comparable to and adapted from MIMAG / MISAG
	taxonomic classification	Conditional (required if a taxonomic classification is provided)	Method used for taxonomic classification, along with reference database used, classification rank, and thresholds used to classify new genomes Cutoffs and approach used when clustering new UVIGs in "species-level" vOTUs.	{text}	e.g. vConTACT vContact2 (references from NCBI RefSeq v83, genus rank classification, default parameters)	Comparable to and adapted from MIMAG / MISAG
	vOTU classification approach	Conditional (required if a vOTU classification is provided)	Note that results from standard 95% ANI / 85% AF clustering should be provided alongside vOTUS defined from another set of thresholds, even if the latter are the ones primarily used during the analysis.	{ANI cutoff};{AF cutoff};{clustering method}	95% ANI;85% AF; greedy incremental clustering	New and specific to UVIGs
	vOTU sequence comparison approach	Conditional (required if a vOTU classification is provided)	Tool and thresholds used to compare sequences when computing "species-level" vOTUs.	{software};{version};{parameters}	blastn; 2.6.0+; e-value cutoff: 0.001	New and specific to UVIGs
	vOTU database	Conditional (required if a vOTU classification is provided)	Reference database (i.e. sequences not generated as part of the current study) used to cluster new genomes in "species-level" vOTUs, if any	{database};{version}	NCBI Viral RefSeq; 83	New and specific to UVIGs
	host prediction approach	Conditional (required if a predicted host is provided)	Tool or approach used for host prediction	[provirus host sequence similarity CRISPR spacer match kmer similarity co-occurrence combination other]	CRISPR spacer match	New and specific to UVIGs
	host prediction estimated accuracy	Conditional (required if a host prediction is provided, except for proviruses)	For each tool or approach used for host prediction, estimated false discovery rates should be included, either computed de novo or from the literature (see Table S4)	{text}	CRISPR spacer match: 0 or 1 mismatches, estimated 8% FDR at the host genus rank (Edwards et al. 2016 doi:10.1093/femsre/fuv048)	New and specific to UVIGs
viral SAG metadata	sorting technology	Conditional (required for UVIG obtained from vSAGs)	Method used to sort/isolate cells or particles of interest	[flow cytometric cell sorting microfluidics laser-tweezing optical manipulation micromanipulation other]	flow cytometry cell sorting	Comparable to and adapted from MIMAG / MISAG
	single cell or viral particle lysis approach	Conditional (required for UVIG obtained from vSAGs)	Method used to free DNA from interior of the cell(s) or particle(s)	[chemical enzymatic physical combination]	chemical	Comparable to and adapted from MIMAG / MISAG
	single cell or viral particle lysis kit protocol	Optional	Name of the kit or standard protocol used for cell(s) or particle(s) lysis	{text}	MagMAX™ Viral RNA Isolation Kit	Comparable to and adapted from MIMAG / MISAG
	WGA amplification approach	Conditional (required for UVIG obtained from vSAGs)	Method used to amplify genomic DNA in preparation for sequencing	[pcr based mda based none]	mda based	Identical MIMAG / MISAG
	WGA amplification kit	Optional	Kit used to amplify genomic DNA in preparation for sequencing	{text}	REPLI-g Mini Kit	Identical MIMAG / MISAG
viral MAG metadata	size fraction selected	Conditional (required for UVIG assembled from metagenomes)	Filtering pore size used in sample preparation	{float}-{float} {unit}	0-0.22 µm	New and specific to UVIGs
	virus enrichment approach	Conditional (required for UVIG assembled from metagenomes)	List of approaches used to enrich the sample for viruses, if any	[filtration ultrafiltration centrifugation ultracentrifugation PEG Precipitation FeCl Precipitation CsCl density gradient DNase RNase targeted sequence capture other none]	filtration + FeCl Precipitation + ultracentrifugation + DNase	New and specific to UVIGs
	nucleic acid extraction	Conditional (required for UVIG assembled from metagenomes)	A link to a literature reference, electronic resource or a standard operating procedure (SOP), that describes the material separation to recover the nucleic acid fraction from a sample	{PMID} {DOI} {URL}	10.1111/j.1462-2920.2012.02836.x	Identical MIMAG / MISAG
	WGA amplification approach	Conditional (required for UVIG assembled from metagenomes)	Description of the approach used for whole genome amplification, if any	[pcr based mda based none]	none	Identical MIMAG / MISAG
	binning parameters	Conditional (required if genome bin(s) were defined)	The parameters that have been applied during the extraction of genomes from metagenomic datasets	[homology search kmer coverage codon usage combination]	kmer and coverage	Identical MIMAG / MISAG
	binning software	Conditional (required if genome bin(s) were defined)	Tool(s) used for the extraction of genomes from metagenomic datasets	[metabat maxbin concoct groupm esom metawatt combination other]	metabat	Identical MIMAG / MISAG
	reassembly post binning	Conditional (required if genome bin(s) were defined)	Has an assembly been performed on a genome bin extracted from a metagenomic assembly?	[yes no]	yes	Identical MIMAG / MISAG
	MAG coverage software	Optional	Tool(s) used to determine the genome coverage if coverage is used as a binning parameter in the extraction of genomes from metagenomic datasets	[bwa bmap bowtie other]	bowtie	Identical MIMAG / MISAG

Metadata category	Metadata	Requirement	Description	Syntax	Example value	Specificity to UVIGs	UVIGs in this study
General genome metadata	source of UVIGs	Mandatory	Type of dataset from which the UVIG was obtained	[metagenome (not viral targeted) viral fraction metagenome (virome) sequence-targeted metagenome metatranscriptome (not viral targeted) viral fraction RNA metagenome (RNA virome) sequence-targeted RNA metagenome microbial single amplified genome (SAG) viral single amplified genome (vSAG) isolate microbial genome other]	viral fraction metagenome (virome)	New and specific to UVIGs	viral fraction metagenome (virome)
	assembly software	Mandatory	Tool(s) used for assembly and/or binning, including version number and parameters	{software};{version};{parameters}	metaSPAdes; 3.11.0; kmer set 21,33,55,77,99,121, default parameters otherwise	Identical MIMAG / MISAG	Flye; v.2.9, --meta
	viral identification software	Mandatory	Tool(s) used for the identification of UVIG as a viral genome, software or protocol name including version number, parameters, and cutoffs used (see Table S2)	{software};{version};{parameters}	VirSorter; 1.0.4; Virome database, category 2	New and specific to UVIGs	VirSorter2; 2.2.3; --min-score 0.5, --min-length 4000; CheckV; 0.7.0, viral genes > 0 or viral genes = 0 & host genes = 0 or VirSorter2 score = 0.95 or hallmark genes > 2.
	predicted genome type	Mandatory	Type of genome predicted for the UVIG	[DNA dsDNA ssDNA RNA dsRNA ssRNA ssRNA (+) ssRNA (-) mixed uncharacterized]	dsDNA	New and specific to UVIGs	dsDNA
	predicted genome structure	Mandatory	Expected structure of the viral genome	[segmented non-segmented undetermined]	non-segmented	New and specific to UVIGs	undetermined
	detection type	Mandatory	Type of UVIG detection	[independent sequence (UVIG) provirus (UpVIG)]	independent sequence (UVIG)	New and specific to UVIGs	Independent sequence (UVIG)
Genome quality	assembly quality	Mandatory	The assembly quality categories, specific for virus genomes, are based on sets of criteria as follows. Finished: Single, validated, contiguous sequence per replicon without gaps or ambiguities, with extensive manual review and editing to annotate putative gene functions and transcriptional units. High-quality draft genome: One or multiple fragments, totaling ≥ 90% of the expected genome or replicon sequence or predicted complete. Genome fragment(s): One or multiple fragments, totaling < 90% of the expected genome or replicon sequence, or for which no genome size could be estimated.	[Finished genome High-quality draft genome Genome fragment(s)]	High-quality draft genome	Comparable to and adapted from MIMAG / MISAG	reported in next sheet
	number of contigs	Mandatory	Total number of contigs composing the UVIG	{number}	1	Identical MIMAG / MISAG	1
	completeness score	Conditional (required for finished genomes and high-quality draft genomes, optional for other categories)	Estimated completeness of the UVIG	{quality};{percentage}	high92%	Comparable to and adapted from MIMAG / MISAG	reported in next sheet
	completeness approach	Conditional (required if a completeness estimation is provided)	Approach used to estimate the UVIG completeness, including reference genome or group used, and contig feature suggesting a complete genome	{text}	UVIG length compared to the average length of reference genomes from the P22virus genus (NCBI RefSeq v83)	Comparable to and adapted from MIMAG / MISAG	reported in next sheet
Genome annotation	feature prediction	Conditional (required if genome annotation is provided)	Method used to predict UVIGs features such as ORFs, integration site, etc.	{software};{version};{parameters}	Prodigal; 2.6.3; default parameters	Comparable to and adapted from MIMAG / MISAG	Prodigal; 2.6.3; default parameters
	reference database(s)	Conditional (required if a viral-specific ORF annotation is provided)	List of database(s) used for ORF annotation, along with version number and reference to website or publication	{database};{version};{reference}	pVOGs; 5; http://dmk-brain.ecn.uio.no/pVOGs/ ; Grazziotin et al. 2017 doi:10.1093/nar/gkx975	Comparable to and adapted from MIMAG / MISAG	
	similarity search method	Conditional (required if a viral reference database is provided)	Tool used to compare ORFs with database, along with version and cutoffs used	{software};{version};{parameters}	HMMER3; 3.1b2; hmmsrch, cutoff of 50 on score	Comparable to and adapted from MIMAG / MISAG	
	taxonomic classification	Conditional (required if a taxonomic classification is provided)	Method used for taxonomic classification, along with reference database used, classification rank, and thresholds used to classify new genomes	{text}	e.g. vContact vContact2 (references from NCBI RefSeq v83, genus rank classification, default parameters)	Comparable to and adapted from MIMAG / MISAG	vContact2 (References from NCBI RefSeq v201 and list of Crass-like phages https://doi.org/10.1038/s41467-021-21350-w , family rank classification, default parameters), HMM profile similarities (ViPhOGs database (29/06/2021), family rank classification, significant hits = sequence evaluate <= 0.001 and domain evaluate <= 0.1, >=20% of ORFs with significant hits and >=60% of those hits assigned to the same taxon
	vOTU classification approach	Conditional (required if a vOTU classification is provided)	Cutoffs and approach used when clustering new UVIGs in "species-level" vOTUs. Note that results from standard 95% ANI / 85% AF clustering should be provided alongside vOTUs defined from another set of thresholds, even if the latter are the ones primarily used during the analysis.	{ANI cutoff};{AF cutoff};{clustering method}	95% ANI;85% AF; greedy incremental clustering	New and specific to UVIGs	
	vOTU sequence comparison approach	Conditional (required if a vOTU classification is provided)	Tool and thresholds used to compare sequences when computing "species-level" vOTUs.	{software};{version};{parameters}	blastn; 2.6.0+; e-value cutoff: 0.001	New and specific to UVIGs	vContact2; 0.9.19; default parameters. Hmmer; 3.3.2; sequence evaluate <= 0.001 & domain evaluate <= 0.1
	vOTU database	Conditional (required if a vOTU classification is provided)	Reference database (i.e. sequences not generated as part of the current study) used to cluster new genomes in "species-level" vOTUs, if any	{database};{version}	NCBI Viral RefSeq; 83	New and specific to UVIGs	NCBI Prokaryotic RefSeq; 201 ViPhOGs; (29/06/2021)
	host prediction approach	Conditional (required if a predicted host is provided)	Tool or approach used for host prediction	[provirus host sequence similarity CRISPR spacer match kmer similarity co-occurrence combination other]	CRISPR spacer match	New and specific to UVIGs	VirHostMatcher-Net; 1.0
host prediction estimated accuracy	Conditional (required if a host prediction is provided, except for proviruses)	For each tool or approach used for host prediction, estimated false discovery rates should be included, either computed de novo or from the literature (see Table S4)	{text}	CRISPR spacer match: 0 or 1 mismatches, estimated 8% FDR at the host genus rank (Edwards et al. 2016 doi:10.1093/femsref/uv048)	New and specific to UVIGs	VirHostMatcher-Net; Estimated 10% FDR at the host phylum level; https://doi.org/10.1093/nar/gab/lqaa044	
viral SAG metadata	sorting technology	Conditional (required for UVIG obtained from vSAGs)	Method used to sort/isolate cells or particles of interest	[flow cytometric cell sorting microfluidics laser-tweezing optical manipulation micromanipulation other]	flow cytometry cell sorting	Comparable to and adapted from MIMAG / MISAG	
	single cell or viral particle lysis approach	Conditional (required for UVIG obtained from vSAGs)	Method used to free DNA from interior of the cell(s) or particle(s)	[chemical enzymatic physical combination]	chemical	Comparable to and adapted from MIMAG / MISAG	
	single cell or viral particle lysis kit protocol	Optional	Name of the kit or standard protocol used for cell(s) or particle(s) lysis	{text}	MagMAX™ Viral RNA Isolation Kit	Comparable to and adapted from MIMAG / MISAG	
	WGA amplification approach	Conditional (required for UVIG obtained from vSAGs)	Method used to amplify genomic DNA in preparation for sequencing	[pcr based mda based none]	mda based	Identical MIMAG / MISAG	
	WGA amplification kit	Optional	Kit used to amplify genomic DNA in preparation for sequencing	{text}	REPLI-g Mini Kit	Identical MIMAG / MISAG	
viral MAG metadata	size fraction selected	Conditional (required for UVIG assembled from metagenomes)	Filtering pore size used in sample preparation	{float};{float} (unit)	0-0.22 µm	New and specific to UVIGs	None
	virus enrichment approach	Conditional (required for UVIG assembled from metagenomes)	List of approaches used to enrich the sample for viruses, if any	[filtration ultrafiltration centrifugation ultracentrifugation PEG Precipitation FeCl Precipitation CsCl density gradient DNase RNase targeted sequence capture other none]	filtration + FeCl Precipitation + ultracentrifugation + DNase	New and specific to UVIGs	centrifugation + PEG precipitation + chloroform + DNase
	nucleic acid extraction	Conditional (required for UVIG assembled from metagenomes)	A link to a literature reference, electronic resource or a standard operating procedure (SOP), that describes the material separation to recover the nucleic acid fraction from a sample	{PMID} {DOI} {URL}	10.1111/j.1462-2920.2012.02836.x	Identical MIMAG / MISAG	
	WGA amplification approach	Conditional (required for UVIG assembled from metagenomes)	Description of the approach used for whole genome amplification, if any	[pcr based mda based none]	none	Identical MIMAG / MISAG	
	binning parameters	Conditional (required if genome bin(s) were defined)	The parameters that have been applied during the extraction of genomes from metagenomic datasets	[homology search kmer coverage codon usage combination]	kmer and coverage	Identical MIMAG / MISAG	
	binning software	Conditional (required if genome bin(s) were defined)	Tool(s) used for the extraction of genomes from metagenomic datasets	[metabat maxbin concoct groupm esom metawalt combination other]	metabat	Identical MIMAG / MISAG	
	reassembly post binning	Conditional (required if genome bin(s) were defined)	Has an assembly been performed on a genome bin extracted from a metagenomic assembly?	[yes no]	yes	Identical MIMAG / MISAG	
	MAG coverage software	Optional	Tool(s) used to determine the genome coverage if coverage is used as a binning parameter in the extraction of genomes from metagenomic datasets	[bwa bmap bowtie other]	bowtie	Identical MIMAG / MISAG	

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TM16_26wk_k141_14730	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides uniformis</i>
TF37_6wk_k141_98120	0.987	dsDNA	No	High-quality	90.38	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF10_6wk_k141_80791	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TM36_BL_k141_9530	1	dsDNA	No	High-quality	97.03	High-quality draft genome	AAI-based (high-confidence)			
TF32_BL_k141_101121	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF43_BL_k141_98600	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM23_26wk_k141_12581	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Coprococcus catus</i>
TF02_12wk_k141_110135	1	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM05_12wk_k141_128743	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF13_6wk_k141_64666	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides stercoris</i>
TM06_BL_k141_189536	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TM10_26wk_k141_132283	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM12_D6_k141_173055	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF50_12wk_k141_110792	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides vulgatus</i>
TF21_6WK_k141_77470	0.973	dsDNA	No	High-quality	97.55	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF22_26wk_k141_154527	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM13_26wk_k141_102305	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM01_26wk_k141_70454	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium bifidum</i>
TF25_26wk_k141_80825	0.993	dsDNA	No	High-quality	98.51	High-quality draft genome	AAI-based (high-confidence)			
DF16_D3_k141_237558	0.98	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_BL_k141_95302	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM15_6wk_k141_38966	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF05_26wk_k141_77383	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
DF14_D2_k141_70346	1	dsDNA	No	High-quality	95.06	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM22_26wk_k141_88877	1	dsDNA	No	High-quality	93.05	High-quality draft genome	AAI-based (medium-confidence)			
DF17_D3_k141_68508	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF05_6wk_k141_116220	0.98	dsDNA	Yes	High-quality	94.48	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM13_6wk_k141_32692	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Marvinbryantia formatexigens</i>
TF18_6wk_k141_191356	0.94	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF35_26wk_k141_215962	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF21_26wk_k141_220385	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF05_6wk_k141_28950	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF02_BL_k141_64800	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D2_k141_104847	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM18_BL_k141_23206	1	dsDNA	No	High-quality	91.45	High-quality draft genome	AAI-based (high-confidence)			
TF02_6wk_k141_156294	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF42_12wk_k141_192419	1	dsDNA	No	High-quality	96.13	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Catenibacterium mitsuokai</i>
TF35_12wk_k141_204050	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM07_D3_k141_105307	0.967	dsDNA	No	High-quality	94.06	High-quality draft genome	AAI-based (high-confidence)			
TF26_12wk_k141_127668	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella stercora</i>
DF17_D8_k141_66990	0.973	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF14_6wk_k141_141212	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM15_6wk_k141_103289	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus lactaris</i>
TM09_BL_k141_92076	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF16_26wk_k141_122745	0.993	dsDNA	No	High-quality	93.1	High-quality draft genome	AAI-based (medium-confidence)		Bacteroidetes	<i>Bacteroides uniformis</i>
TF33_6wk_k141_15405	1	dsDNA	No	High-quality	90.74	High-quality draft genome	AAI-based (high-confidence)	Podoviridae	Bacteroidetes	<i>Prevotella melaninogenica</i>
DM03_D6_k141_54817	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM30_12wk_k141_4819	1	dsDNA	No	High-quality	91.92	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Coprococcus catus</i>
TF20_BL_k141_175365	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF46_6wk_k141_194078	0.967	dsDNA	No	High-quality	98.42	High-quality draft genome	AAI-based (high-confidence)			
TM05_6wk_k141_3980	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF18_12wk_k141_4905	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus epidermidis</i>
TF31_26wk_k141_43880	1	dsDNA	No	High-quality	98.92	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM15_6wk_k141_91005	1	dsDNA	No	High-quality	99.51	High-quality draft genome	AAI-based (high-confidence)			
TM30_BL_k141_133743	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF45_12wk_k141_91818	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM29_BL_k141_193829	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF09_6WK_k141_100724	0.907	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM09_BL_k141_53663	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF06_26wk_k141_94505	1	dsDNA	No	High-quality	95.26	High-quality draft genome	AAI-based (high-confidence)			
TF05_BL_k141_72410	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM23_26wk_k141_126527	0.98	dsDNA	No	High-quality	91.05	High-quality draft genome	AAI-based (high-confidence)			
TM07_12wk_k141_236405	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM08_26wk_k141_77775	1	dsDNA	No	High-quality	94.95	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
DF14_D2_k141_8237	0.98	dsDNA	Yes	High-quality	98.46	High-quality draft genome	AAI-based (high-confidence)			
TF03_6wk_k141_237804	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus epidermidis</i>
TM20_12wk_k141_203274	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Tyzzerella nexilis</i>
TF47_BL_k141_15608	1	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF17_26wk_k141_35170	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF10_26wk_k141_51069	0.967	dsDNA	Yes	High-quality	91.76	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF01_26wk_k141_25705	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF09_6WK_k141_22712	0.993	dsDNA	No	High-quality	95.25	High-quality draft genome	AAI-based (high-confidence)			
TF32_BL_k141_54858	0.967	dsDNA	No	High-quality	95.34	High-quality draft genome	AAI-based (high-confidence)			
TF28_BL_k141_47332	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM17_26wk_k141_55672	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF34_BL_k141_122199	0.993	dsDNA	No	High-quality	96.99	High-quality draft genome	AAI-based (high-confidence)			
TF27_6wk_k141_222733	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF43_6wk_k141_24603	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_6wk_k141_54746	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF41_26wk_k141_102042	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF09_BL_k141_12896	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM36_6WK_k141_89349	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella sp. oral taxon 306</i>
TF32_6wk_k141_4581	1	dsDNA	No	High-quality	97.43	High-quality draft genome	AAI-based (high-confidence)			
TF50_6wk_k141_103474	1	dsDNA	No	High-quality	99.59	High-quality draft genome	AAI-based (high-confidence)			
TF13_6wk_k141_236604	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM09_BL_k141_8686	1	dsDNA	No	High-quality	93.79	High-quality draft genome	AAI-based (high-confidence)			
TF28_12wk_k141_51290	1	dsDNA	No	High-quality	98.75	High-quality draft genome	AAI-based (high-confidence)			
DM03_D4_k141_119	0.733	dsDNA	Yes	High-quality	91.51	High-quality draft genome	AAI-based (high-confidence)			
TF02_BL_k141_90577	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF04_BL_k141_59896	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM23_12wk_k141_14991	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium longum</i>
TF33_6wk_k141_176483	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae	Proteobacteria	<i>Escherichia coli</i>
TM14_12wk_k141_77861	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
DM12_D3_k141_149316	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF10_12wk_k141_28949	0.993	ssDNA	No	High-quality	96.39	High-quality draft genome	AAI-based (high-confidence)			
TF22_26wk_k141_236072	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM34_6wk_k141_6041	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium bifidum</i>
TM06_26wk_k141_146411	0.993	dsDNA	No	High-quality	95.92	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Anaerostipes hadrus</i>
TF06_BL_k141_52433	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_25321	1	dsDNA	No	High-quality	99.21	High-quality draft genome	AAI-based (high-confidence)			
DM12_D3_k141_142433	0.993	dsDNA	No	High-quality	93.92	High-quality draft genome	AAI-based (high-confidence)			
TF17_12wk_k141_65625	1	dsDNA	No	High-quality	93.86	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides uniformis</i>
TM09_6wk_k141_125736	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF25_6WK_k141_506	1	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)	Siphoviridae	Firmicutes	<i>Anerobutyrium hallii</i>
DF14_D8_k141_13616	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
DF12_D4_k141_18488	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM04_12wk_k141_78696	0.993	dsDNA	No	Complete	100	High-quality draft genome	ITR (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF02_6wk_k141_131917	0.927	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF22_BL_k141_162553	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TF34_6wk_k141_201745	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF15_BL_k141_14479	1	dsDNA	No	High-quality	93.57	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM02_BL_k141_49248	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM36_12wk_k141_83567	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Coprococcus comes
TF23_6wk_k141_184596	0.973	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Anaerobutyrium hallii
TM33_12wk_k141_38344	1	dsDNA	No	High-quality	92.5	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Megamonas hypermegale
DM03_D6_k141_32168	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17a_D2_k141_377	0.62	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF04_BL_k141_10907	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17a_D2_k141_46944	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF13_6wk_k141_72315	0.987	dsDNA	Yes	High-quality	93.59	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Dorea longicatena
TM11_BL_k141_72848	0.987	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM12_D3_k141_11631	0.987	dsDNA	Yes	High-quality	93.39	High-quality draft genome	AAI-based (high-confidence)			
TF12_6wk_k141_152538	0.68	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM20_BL_k141_82676	0.987	dsDNA	No	High-quality	90.79	High-quality draft genome	AAI-based (high-confidence)			
TF12_26wk_k141_126462	1	dsDNA	No	High-quality	99.2	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Roseburia inulinivorans
TF30_BL_k141_71792	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Podoviridae		
TM34_12wk_k141_95669	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Roseburia intestinalis
TF42_26wk_k141_180290	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Coprococcus catus
TF36_26wk_k141_40510	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Bacteroidetes	Bacteroides clarus
TM05_26wk_k141_23036	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM20_BL_k141_152324	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM03_BL_k141_3571	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF47_26wk_k141_224084	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM07_6wk_k141_223424	1	dsDNA	No	High-quality	98.42	High-quality draft genome	AAI-based (high-confidence)			
DM08_D2_k141_157809	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF14_6wk_k141_211817	0.993	dsDNA	No	High-quality	95.87	High-quality draft genome	AAI-based (high-confidence)			
TF22_BL_k141_110462	1	dsDNA	No	High-quality	91.12	High-quality draft genome	AAI-based (medium-confidence)			
TM30_6wk_k141_6917	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF24_26wk_k141_101372	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium bifidum
DF12_D6_k141_66449	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM14_6wk_k141_5173	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Blautia obeum
TM08_BL_k141_237776	1	dsDNA	No	High-quality	99.36	High-quality draft genome	AAI-based (high-confidence)			
TF11_26wk_k141_92863	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Tyzzrella nexilis
TM21_BL_k141_11158	0.987	dsDNA	No	High-quality	100	High-quality draft genome	DTR (high-confidence)			
TM06_26wk_k141_11158	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TM10_BL_k141_57849	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF27_26wk_k141_176972	1	dsDNA	No	High-quality	93.18	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF12_26wk_k141_150112	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM09_6wk_k141_14876	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Anaerostipes hadrus
TF03_12wk_k141_41672	0.993	dsDNA	No	High-quality	96.73	High-quality draft genome	AAI-based (medium-confidence)			
TF18_12wk_k141_37938	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Butyrivibrio crossotus
TF20_6WK_k141_90159	1	dsDNA	No	High-quality	94.91	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Dorea longicatena
DF16_D6_k141_276724	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM15_BL_k141_7777	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D2_k141_19310	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF17_26wk_k141_71629	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Tyzzrella nexilis
TF22_12wk_k141_3927	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_38324	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF24_26wk_k141_17202	1	dsDNA	Yes	High-quality	93.37	High-quality draft genome	AAI-based (high-confidence)			
TM03_26wk_k141_18483	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF23_6wk_k141_34094	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF40_6wk_k141_54507	0.993	dsDNA	No	High-quality	97.06	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
DM08_D5_k141_187999	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)	Myoviridae		
TF48_6wk_k141_135683	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF22_6wk_k141_47159	0.993	dsDNA	No	High-quality	90.74	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF29_12wk_k141_172614	0.973	dsDNA	No	High-quality	97.52	High-quality draft genome	AAI-based (medium-confidence)			
TF31_12wk_k141_68010	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Hungatella hathewayi
TM10_BL_k141_50059	0.973	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF21_12wk_k141_84989	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
DF17a_D2_k141_22436	0.987	dsDNA	No	High-quality	96.36	High-quality draft genome	AAI-based (medium-confidence)			
TF44_12wk_k141_10745	0.993	dsDNA	No	High-quality	96.73	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Dorea longicatena
DM12_D4_k141_113302	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM30_12wk_k141_76583	1	dsDNA	No	High-quality	94.02	High-quality draft genome	AAI-based (high-confidence)			
TF42_26wk_k141_182494	0.98	dsDNA	No	High-quality	95.81	High-quality draft genome	AAI-based (high-confidence)			
TF49_12wk_k141_211932	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	Staphylococcus aureus
TM30_26wk_k141_25266	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF30_12wk_k141_176618	0.967	dsDNA	No	High-quality	98.43	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Marvinbryantia formatexigens
TF45_12wk_k141_148419	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Blautia obeum
TF28_6wk_k141_23703	1	dsDNA	No	High-quality	96.97	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium longum
TF44_6wk_k141_124374	0.98	dsDNA	No	High-quality	99.99	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM14_BL_k141_174143	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF08_BL_k141_6144	0.993	dsDNA	No	High-quality	97.51	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus bromii
TM08_6wk_k141_167840	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM13_26wk_k141_100935	0.993	dsDNA	No	High-quality	96.83	High-quality draft genome	AAI-based (high-confidence)	Crass_like	Firmicutes	Clostridium sporogenes
TM04_BL_k141_127596	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D6_k141_363298	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
IM24_26wk_k141_117345	0.933	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF17_26wk_k141_211864	0.993	dsDNA	No	High-quality	97.43	High-quality draft genome	AAI-based (high-confidence)			
TM39_12wk_k141_62233	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
DM03_D6_k141_61947	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM17_BL_k141_83176	0.973	dsDNA	No	High-quality	95.29	High-quality draft genome	AAI-based (high-confidence)			
TM17_12wk_k141_72302	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM27_26wk_k141_94343	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	Megamonas funiformis
DM07_D4_k141_2815	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_12wk_k141_146475	0.98	dsDNA	Yes	High-quality	91.54	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Faecalibacterium prausnitzii
TF35_BL_k141_33687	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D2_k141_7271	1	dsDNA	No	High-quality	91.46	High-quality draft genome	AAI-based (high-confidence)			
TM05_BL_k141_80740	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM15_BL_k141_71595	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF26_6wk_k141_50121	0.653	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM07_D3_k141_15303	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF46_12wk_k141_4985	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF40_BL_k141_109655	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM12_BL_k141_5680	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF10_6wk_k141_18539	0.98	dsDNA	Yes	High-quality	96.6	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae	Firmicutes	Roseburia inulinivorans
TF26_26wk_k141_186896	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF32_6wk_k141_34497	0.853	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF08_BL_k141_80911	0.993	dsDNA	No	High-quality	95.67	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF24_26wk_k141_185490	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Circoviridae		
TF47_26wk_k141_180730	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF47_12wk_k141_214962	1	dsDNA	No	High-quality	98.85	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_177825	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF17_D8_k141_20193	0.98	dsDNA	Yes	High-quality	90.38	High-quality draft genome	AAI-based (high-confidence)			
TF24_26wk_k141_52157	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	<i>Bifidobacterium adolescentis</i>
TF50_12wk_k141_95797	0.98	dsDNA	No	High-quality	97.73	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus catus</i>
TF25_6WK_k141_67510	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Flavonifractor plautii</i>
TM08_26wk_k141_2118	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM12_6WK_k141_101783	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia inulinivorans</i>
TF23_12wk_k141_93478	0.96	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF09_BL_k141_31304	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM02_12wk_k141_121593	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella disiens</i>
TM06_26wk_k141_63973	1	dsDNA	No	High-quality	98.42	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TF13_12wk_k141_118769	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM13_BL_k141_5783	1	dsDNA	No	High-quality	99.5	High-quality draft genome	AAI-based (high-confidence)			
TF28_12wk_k141_53195	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Actinobacteria		<i>Bifidobacterium pseudocatenulatum</i>
TF03_26wk_k141_13452	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF31_12wk_k141_95311	1	dsDNA	No	High-quality	96.88	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium adolescentis</i>
TF38_12wk_k141_24213	0.66	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF20_12wk_k141_136695	0.973	dsDNA	No	High-quality	94.7	High-quality draft genome	AAI-based (high-confidence)			
FM06_26wk_k141_179906	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TF25_BL_k141_143955	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM36_12wk_k141_92020	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF45_26wk_k141_140194	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF03_6wk_k141_218677	0.667	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF39_6wk_k141_16376	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
DF14_D8_k141_45534	0.993	dsDNA	No	High-quality	93.15	High-quality draft genome	AAI-based (high-confidence)			
DF16_D3_k141_273741	0.733	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)		Actinobacteria	<i>Bifidobacterium longum</i>
TF48_26wk_k141_2715	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D2_k141_33379	1	dsDNA	No	High-quality	94.38	High-quality draft genome	AAI-based (high-confidence)			
TF48_26wk_k141_63513	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17a_D2_k141_130185	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF47_26wk_k141_21056	1	dsDNA	No	High-quality	99.79	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
FM30_12wk_k141_173995	1	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF19_12wk_k141_38265	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF12_D7_k141_72295	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Siphoviridae	
DM03_D1_k141_111992	0.993	dsDNA	Yes	High-quality	98.57	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Anaerostipes hadrus</i>
DM12_D4_k141_118158	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF20_BL_k141_203010	0.987	dsDNA	No	High-quality	97.66	High-quality draft genome	AAI-based (high-confidence)			
TF40_BL_k141_83210	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TM24_6wk_k141_81188	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Megamonas funiformis</i>
TF06_12wk_k141_37859	1	dsDNA	No	High-quality	97.93	High-quality draft genome	AAI-based (high-confidence)			
DF16_D5_k141_306272	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF26_26wk_k141_84687	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_6WK_k141_144767	1	dsDNA	No	High-quality	98.34	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TF37_6wk_k141_46257	0.96	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF11_26wk_k141_46942	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF10_12wk_k141_132867	0.987	dsDNA	No	High-quality	92.1	High-quality draft genome	AAI-based (medium-confidence)			
TF47_26wk_k141_213576	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM04_BL_k141_165097	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF51_6wk_k141_3137	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM13_6wk_k141_142067	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Coprococcus comes</i>
TM28_BL_k141_98145	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF31_12wk_k141_5018	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Bacteroidetes		<i>Bacteroides uniformis</i>
TF22_26wk_k141_92929	1	dsDNA	No	High-quality	94.66	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF30_26wk_k141_96576	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TF44_BL_k141_38987	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF42_6wk_k141_38866	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF41_BL_k141_47565	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF48_BL_k141_94050	0.987	dsDNA	No	High-quality	90.81	High-quality draft genome	AAI-based (high-confidence)			
TF15_BL_k141_117091	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM16_12wk_k141_28174	0.96	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Euryarchaeota		<i>Methanobrevibacter smithii</i>
TM08_26wk_k141_191922	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM20_BL_k141_158691	1	dsDNA	No	High-quality	96.27	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TF37_6wk_k141_78318	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	<i>Staphylococcus aureus</i>
TF07_26wk_k141_85994	1	dsDNA	No	High-quality	91.09	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TM34_6wk_k141_98401	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TM08_12wk_k141_51210	0.987	dsDNA	No	High-quality	92.13	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TM23_BL_k141_48430	1	dsDNA	No	High-quality	97.2	High-quality draft genome	AAI-based (high-confidence)			
DF17_D6_k141_139028	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM32_12wk_k141_40057	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	<i>Parabacteroides johnsonii</i>
DM07_D4_k141_214202	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF40_6wk_k141_109570	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides caccae</i>
DF17_D6_k141_14665	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Siphoviridae		
DM12_D2_k141_96457	0.793	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF22_BL_k141_119577	1	dsDNA	No	High-quality	90.93	High-quality draft genome	AAI-based (medium-confidence)			
TF21_6WK_k141_22343	1	dsDNA	No	High-quality	90.76	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium adolescentis</i>
TF17_26wk_k141_7585	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Marvinbryantia formatexigens</i>
TF25_BL_k141_15551	1	dsDNA	No	High-quality	98.31	High-quality draft genome	AAI-based (high-confidence)			
DM03_D1_k141_127167	0.98	dsDNA	Yes	High-quality	92.37	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_72445	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM18_BL_k141_21724	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF06_26wk_k141_106312	1	dsDNA	No	High-quality	90.32	High-quality draft genome	AAI-based (medium-confidence)			
TF07_12wk_k141_181182	0.987	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_26wk_k141_84392	1	dsDNA	No	Complete	100	High-quality draft genome	ITR (high-confidence)	Podoviridae	Actinobacteria	<i>Bifidobacterium pseudocatenulatum</i>
TM15_BL_k141_157103	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM27_26wk_k141_81847	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_BL_k141_117557	0.98	dsDNA	No	High-quality	92.29	High-quality draft genome	AAI-based (high-confidence)			
FM34_26wk_k141_176244	0.993	dsDNA	No	High-quality	93.29	High-quality draft genome	AAI-based (high-confidence)			
DM05_D1_k141_121870	0.96	dsDNA	Yes	High-quality	90.44	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF08_BL_k141_10721	0.927	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM06_6wk_k141_83380	0.993	dsDNA	No	High-quality	99.69	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
DF17_D4_k141_101905	0.993	dsDNA	No	High-quality	98.49	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF25_6WK_k141_132570	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM24_6wk_k141_127016	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM09_6wk_k141_55346	1	dsDNA	No	High-quality	91.44	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF10_6wk_k141_92630	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TF22_BL_k141_42604	0.993	dsDNA	No	High-quality	93.21	High-quality draft genome	AAI-based (high-confidence)			
TF31_12wk_k141_26422	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Bacteroidetes	<i>Parabacteroides johnsonii</i>
DF14_D5_k141_15624	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF46_6wk_k141_14621	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TM32_12wk_k141_21945	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Staphylococcus epidermidis</i>
DF17_D4_k141_121942	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_26wk_k141_13666	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Ruminococcus bromii</i>
TF12_6wk_k141_162359	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Ruminococcus bromii</i>
TF18_6wk_k141_180922	1	dsDNA	Yes	High-quality	98.54	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF02_12wk_k141_49281	1	dsDNAphage	Yes	High-quality	94.04	High-quality draft genome	AAI-based (high-confidence)			
TM30_12wk_k141_82377	1	dsDNAphage	No	High-quality	95.38	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides salyersiae</i>
TF19_26wk_k141_54529	1	dsDNAphage	Yes	High-quality	94.67	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM02_26wk_k141_43732	0.993	dsDNAphage	No	High-quality	92.98	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TF37_12wk_k141_4021	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides ovatus</i>
TF43_BL_k141_15613	0.993	dsDNAphage	No	High-quality	99.81	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides dorei</i>
TF42_6wk_k141_136123	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF11_12wk_k141_20235	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF47_26wk_k141_63935	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF48_6wk_k141_78420	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus catus</i>
TM30_6wk_k141_262485	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM35_BL_k141_15263	0.993	dsDNAphage	No	High-quality	99.24	High-quality draft genome	AAI-based (high-confidence)			
TF15_12wk_k141_56504	1	dsDNAphage	No	High-quality	90.73	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TF49_6wk_k141_167669	1	dsDNAphage	No	High-quality	94.32	High-quality draft genome	AAI-based (high-confidence)			
TF41_BL_k141_55306	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Proteobacteria	<i>Escherichia coli</i>
TM09_26wk_k141_1410	1	dsDNAphage	No	High-quality	94.84	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TF43_26wk_k141_71876	0.993	dsDNAphage	No	High-quality	98.16	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
DM03_D1_k141_35998	0.993	dsDNAphage	Yes	High-quality	99.04	High-quality draft genome	AAI-based (high-confidence)			
TF43_BL_k141_151454	0.767	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF23_6wk_k141_141296	1	dsDNAphage	No	High-quality	99.83	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella veroralis</i>
TF06_12wk_k141_6417	1	dsDNAphage	No	High-quality	97.31	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
DF14_D7_k141_109096	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM32_12wk_k141_9246	1	dsDNAphage	No	High-quality	96.95	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides dorei</i>
TF42_6wk_k141_36598	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium bifidum</i>
TM20_BL_k141_168269	1	dsDNAphage	No	High-quality	94.13	High-quality draft genome	AAI-based (high-confidence)			
TM14_BL_k141_46199	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF24_12wk_k141_141674	0.96	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF05_6wk_k141_18557	1	dsDNAphage	No	High-quality	96.06	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
DM12_D3_k141_10325	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TF01_26wk_k141_119301	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF41_BL_k141_59395	1	dsDNAphage	No	High-quality	98.27	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF13_BL_k141_9193	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM27_6wk_k141_47861	1	dsDNAphage	No	High-quality	94.16	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Bacteroidetes	<i>Bacteroides xylanisolvens</i>
TM04_6wk_k141_34760	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium bifidum</i>
TF45_6wk_k141_68204	1	dsDNAphage	No	High-quality	96.71	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TM04_6wk_k141_66059	0.987	dsDNAphage	No	High-quality	97.43	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides uniformis</i>
TF02_6wk_k141_241988	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF46_BL_k141_58164	0.887	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM08_D6_k141_124210	0.993	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF26_26wk_k141_186839	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF32_6wk_k141_123728	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
IM09_12wk_k141_114263	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Podoviridae		
TM39_12wk_k141_25349	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
DM08_D5_k141_160924	1	dsDNAphage	No	High-quality	91.27	High-quality draft genome	AAI-based (high-confidence)			
TF41_26wk_k141_22355	0.993	dsDNAphage	No	High-quality	94.86	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF49_6wk_k141_104453	0.787	dsDNAphage	No	High-quality	98.96	High-quality draft genome	AAI-based (medium-confidence)			
IM16_6WK_k141_234568	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TF30_6wk_k141_166440	1	dsDNAphage	Yes	High-quality	90.7	High-quality draft genome	AAI-based (medium-confidence)			
TF03_26wk_k141_108973	1	dsDNAphage	No	High-quality	96.1	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM05_BL_k141_107025	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF24_BL_k141_71389	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF09_6WK_k141_10296	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Ruminococcus bromii</i>
TF40_BL_k141_77591	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
IM12_6WK_k141_103922	0.767	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF32_6wk_k141_42025	0.987	dsDNAphage	No	High-quality	95.52	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM30_BL_k141_206919	0.64	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM23_BL_k141_6899	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF37_6wk_k141_147746	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF31_12wk_k141_35541	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D5_k141_47380	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF29_6WK_k141_192249	0.98	dsDNAphage	No	High-quality	93.12	High-quality draft genome	AAI-based (high-confidence)			
TF16_BL_k141_30264	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_BL_k141_42758	0.947	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
IM28_12wk_k141_153361	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF15_12wk_k141_87358	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM29_6wk_k141_31288	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Anaerobutyrium hallii</i>
DF16_D9_k141_288034	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF08_BL_k141_129009	1	dsDNAphage	No	High-quality	97.7	High-quality draft genome	AAI-based (high-confidence)			
DM07_D6_k141_28949	1	dsDNAphage	No	High-quality	93.86	High-quality draft genome	AAI-based (medium-confidence)			
TF41_BL_k141_56275	0.7	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF08_BL_k141_47815	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF05_6wk_k141_101786	0.993	dsDNAphage	No	High-quality	94.08	High-quality draft genome	AAI-based (medium-confidence)			
TM07_BL_k141_17779	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF27_12wk_k141_2686	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Coprococcus comes</i>
TF48_BL_k141_50957	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF22_26wk_k141_49766	0.54	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TM39_12wk_k141_74908	0.967	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM17_6WK_k141_13455	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM16_BL_k141_23190	0.667	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM28_6wk_k141_96273	1	dsDNAphage	No	High-quality	96.85	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF32_6wk_k141_23758	0.96	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Bacteroides nordii</i>
TF45_26wk_k141_50684	0.96	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_12wk_k141_29569	0.953	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM05_D1_k141_124655	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Tyzzrella nexilis</i>
TF32_12wk_k141_5005	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TM06_26wk_k141_78863	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF23_BL_k141_75286	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF42_6wk_k141_61314	1	dsDNAphage	No	High-quality	94.32	High-quality draft genome	AAI-based (high-confidence)			
TF04_BL_k141_115524	0.993	dsDNAphage	No	High-quality	97.23	High-quality draft genome	AAI-based (high-confidence)			
IM16_6WK_k141_248566	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D3_k141_33250	0.993	dsDNAphage	Yes	High-quality	99.17	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF39_12wk_k141_91660	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
IM36_12wk_k141_126382	1	dsDNAphage	No	High-quality	98.49	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Prevotella copri</i>
TM30_BL_k141_244284	1	dsDNAphage	No	High-quality	99.04	High-quality draft genome	AAI-based (high-confidence)			
TF48_BL_k141_193477	0.893	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF33_BL_k141_164065	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Proteobacteria	<i>Escherichia coli</i>
TM24_6wk_k141_114866	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_114639	1	dsDNAphage	No	High-quality	96.35	High-quality draft genome	AAI-based (high-confidence)			
TF43_12wk_k141_183239	0.933	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM05_6wk_k141_136407	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D9_k141_149327	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM23_BL_k141_77532	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM35_BL_k141_50710	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_169960	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TM34_26wk_k141_60367	0.713	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF38_6wk_k141_141002	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF05_12wk_k141_82869	0.993	dsDNA	No	High-quality	99.79	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium adolescentis</i>
TM19_BL_k141_64230	1	dsDNA	No	High-quality	94.1	High-quality draft genome	AAI-based (high-confidence)			
TM05_12wk_k141_175843	0.993	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae	Bacteroidetes	<i>Prevotella disiens</i>
TF02_6wk_k141_181592	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF27_6wk_k141_8247	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF18_6wk_k141_92629	1	dsDNA	No	High-quality	93.53	High-quality draft genome	AAI-based (high-confidence)			
TF43_BL_k141_26960	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF48_26wk_k141_48243	0.993	dsDNA	No	High-quality	99.3	High-quality draft genome	AAI-based (high-confidence)			
TF44_12wk_k141_105166	0.993	dsDNA	No	High-quality	95.85	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
DF16_D5_k141_255005	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF33_BL_k141_175106	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF43_12wk_k141_112503	0.993	dsDNA	No	High-quality	90.34	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM25_26wk_k141_114486	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF24_12wk_k141_88094	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF45_BL_k141_47053	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF16_12wk_k141_104461	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TM23_BL_k141_57832	0.9	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_134014	1	dsDNA	No	High-quality	93.85	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides stercoris</i>
DM07_D1_k141_126862	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM29_12wk_k141_15508	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF50_12wk_k141_184527	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Bacteroidetes	<i>Prevotella timonensis</i>
DF16_D6_k141_88966	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM30_6wk_k141_2632	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Streptococcus constellatus</i>
TF32_6wk_k141_75754	1	dsDNA	Yes	High-quality	99.94	High-quality draft genome	AAI-based (high-confidence)			
DF14_D2_k141_113350	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TF27_26wk_k141_60934	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF10_BL_k141_174044	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)	Siphoviridae		
TF16_26wk_k141_3488	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella bivia</i>
TF28_12wk_k141_45624	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TF04_BL_k141_69875	1	dsDNA	No	High-quality	93.42	High-quality draft genome	AAI-based (high-confidence)			
TF12_26wk_k141_54118	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF30_BL_k141_6116	1	dsDNA	No	High-quality	97.94	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF35_BL_k141_9170	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM34_26wk_k141_40405	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF28_6wk_k141_4884	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM28_6wk_k141_92215	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
DF16_D9_k141_170555	0.987	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TF37_12wk_k141_109543	1	dsDNA	No	High-quality	93.3	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides xylanisolvens</i>
TF32_6wk_k141_35434	0.973	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D5_k141_194492	1	dsDNA	No	High-quality	97.9	High-quality draft genome	AAI-based (high-confidence)			
TF11_26wk_k141_130760	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
DM08_D6_k141_97169	0.987	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM13_26wk_k141_198286	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM24_BL_k141_25888	0.993	dsDNA	No	High-quality	96.3	High-quality draft genome	AAI-based (high-confidence)			
TF20_12wk_k141_137878	0.933	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16a_D4_k141_51821	0.64	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM23_BL_k141_127515	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM08_D2_k141_173461	0.827	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D2_k141_264002	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_99527	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
DF17_D8_k141_139493	0.953	dsDNA	Yes	High-quality	90.02	High-quality draft genome	AAI-based (high-confidence)			
TM06_BL_k141_126282	1	dsDNA	No	High-quality	99.08	High-quality draft genome	AAI-based (medium-confidence)			
TF06_6WK_k141_197893	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF12_26wk_k141_41173	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM27_26wk_k141_143112	0.98	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM28_12wk_k141_57905	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea formicigenerans</i>
TF30_6wk_k141_191726	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF18_BL_k141_171432	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D5_k141_68866	0.993	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TF18_6wk_k141_51530	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_26wk_k141_122583	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM08_D6_k141_102573	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_BL_k141_166984	0.893	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM24_6wk_k141_221350	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_12wk_k141_34055	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus champanellensis</i>
TM12_GWK_k141_72406	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM17_12wk_k141_151255	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF50_BL_k141_157761	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Podoviridae		
TM10_BL_k141_15129	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TM07_12wk_k141_142355	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TM04_12wk_k141_17859	1	dsDNA	No	High-quality	99.49	High-quality draft genome	AAI-based (medium-confidence)			
TF44_6wk_k141_46839	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TF30_BL_k141_115070	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM03_D4_k141_72208	0.987	dsDNA	No	High-quality	90.53	High-quality draft genome	AAI-based (medium-confidence)			
TF32_BL_k141_103813	0.727	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM22_12wk_k141_10484	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TF20_BL_k141_53272	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM25_26wk_k141_88015	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Crass_like	Bacteroidetes	<i>Bacteroides xylanisolvens</i>
TF47_6wk_k141_201604	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16b_D4_k141_88070	1	dsDNA	Yes	High-quality	95.62	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella disiens</i>
TF43_26wk_k141_176960	1	dsDNA	No	High-quality	93.3	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TF37_26wk_k141_120171	0.987	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides ovatus</i>
TM14_6wk_k141_32763	0.993	dsDNA	No	High-quality	98.73	High-quality draft genome	AAI-based (high-confidence)			
TF41_BL_k141_83801	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_12wk_k141_92972	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Streptococcus pneumoniae</i>
TF33_BL_k141_136424	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF28_6wk_k141_38058	0.993	dsDNA	No	High-quality	96.71	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF38_12wk_k141_242282	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM20_12wk_k141_44978	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM20_6wk_k141_109637	0.993	dsDNA	No	High-quality	98.36	High-quality draft genome	AAI-based (high-confidence)			
DF12_D2_k141_76088	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Eubacterium ventriosum</i>
FM13_26wk_k141_160912	0.987	dsDNA	No	High-quality	95.89	High-quality draft genome	AAI-based (high-confidence)			
DF12_D3_k141_63948	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TM33_6wk_k141_108591	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
FM16_12wk_k141_222452	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_6WK_k141_179007	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM15_BL_k141_13658	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF06_BL_k141_20226	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF45_6wk_k141_54433	0.993	dsDNA	No	High-quality	93.07	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TF37_BL_k141_33504	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM30_26wk_k141_102224	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TM21_12wk_k141_55236	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM35_BL_k141_232929	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM02_BL_k141_109066	0.94	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TM30_12wk_k141_43651	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Butyrivibrio crossotus</i>
TF37_BL_k141_166384	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	<i>Siphoviridae</i>		
TM05_BL_k141_122283	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF21_26wk_k141_24858	0.993	dsDNA	No	High-quality	96.7	High-quality draft genome	AAI-based (high-confidence)			
TF37_12wk_k141_94607	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_15741	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_79461	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF08_BL_k141_71550	0.993	dsDNA	No	High-quality	91.49	High-quality draft genome	AAI-based (high-confidence)			
TF29_BL_k141_1434	0.973	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF49_BL_k141_92403	1	dsDNA	No	High-quality	92.96	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides vulgatus</i>
TM19_BL_k141_96364	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF16_BL_k141_70513	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Myoviridae</i>		
TF19_26wk_k141_198265	0.993	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF01_6wk_k141_130802	0.933	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM08_D5_k141_7795	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM25_26wk_k141_48917	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Proteobacteria	<i>Bilophila wadsworthia</i>
TM17_12wk_k141_29044	1	dsDNA	No	High-quality	92.17	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM05_6wk_k141_138539	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TF34_6wk_k141_13267	1	dsDNA	No	High-quality	97.43	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF34_12wk_k141_130865	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dialister invisus</i>
DF17_D4_k141_66600	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_26wk_k141_81962	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF12_6wk_k141_8226	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides ovatus</i>
TM37_BL_k141_3065	1	dsDNA	No	High-quality	92.6	High-quality draft genome	AAI-based (high-confidence)			
TM22_26wk_k141_48107	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella multiformis</i>
TM24_12wk_k141_118915	0.667	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM16_BL_k141_224760	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D6_k141_36597	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
LM06_26wk_k141_16095f	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Butyrivibrio crossotus</i>
DF14_D3_k141_17632	0.753	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
DF17_D8_k141_144264	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Microviridae</i>		
TF45_26wk_k141_33946	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF20_12wk_k141_131965	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF19_26wk_k141_28863	0.893	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF21_26wk_k141_14522	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Firmicutes</i>		<i>Ruminococcus bromii</i>
DF14_D3_k141_54474	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM03_12wk_k141_41255	0.993	dsDNA	No	High-quality	96.03	High-quality draft genome	AAI-based (high-confidence)			
TF32_26wk_k141_27678	0.967	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF19_BL_k141_40941	0.993	dsDNA	No	High-quality	98.09	High-quality draft genome	AAI-based (high-confidence)			
TF14_6wk_k141_124765	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella disiens</i>
TF20_12wk_k141_195392	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D4_k141_96687	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM15_BL_k141_112441	0.987	dsDNA	No	High-quality	91.92	High-quality draft genome	AAI-based (high-confidence)			
TM16_12wk_k141_254331	0.94	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_144777	1	dsDNA	No	High-quality	94.39	High-quality draft genome	AAI-based (high-confidence)			
TF15_BL_k141_40241	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Microviridae</i>		
TF22_12wk_k141_152484	1	dsDNA	No	High-quality	95.29	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TM08_6wk_k141_78781	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Myoviridae</i>		
TF17_BL_k141_20504	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF45_6wk_k141_67386	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF24_12wk_k141_37755	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF44_6wk_k141_7097	0.993	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF27_12wk_k141_46313	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Firmicutes</i>		<i>Dorea longicatena</i>
TF19_BL_k141_128186	1	dsDNA	No	High-quality	92.21	High-quality draft genome	AAI-based (medium-confidence)	<i>Bacteroidetes</i>		<i>Bacteroides stercoris</i>
DM12_D3_k141_8054	0.98	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
LM03_12wk_k141_11288c	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	<i>Firmicutes</i>		<i>Blautia obeum</i>
TM30_26wk_k141_60199	1	dsDNA	No	High-quality	97.08	High-quality draft genome	AAI-based (high-confidence)			
TM15_BL_k141_159356	1	dsDNA	No	High-quality	96.33	High-quality draft genome	AAI-based (medium-confidence)			
TF40_12wk_k141_65235	1	dsDNA	No	High-quality	92.58	High-quality draft genome	AAI-based (high-confidence)			
LM03_26wk_k141_13918f	1	dsDNA	No	High-quality	97.92	High-quality draft genome	AAI-based (high-confidence)	<i>Crass_like</i>	Firmicutes	<i>Staphylococcus aureus</i>
TM04_12wk_k141_64301	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Myoviridae</i>	Firmicutes	<i>Roseburia inulinivorans</i>
TF44_BL_k141_2963	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	<i>Microviridae</i>		
TF06_26wk_k141_191656	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
TF48_6wk_k141_153623	0.993	dsDNA	No	High-quality	99.91	High-quality draft genome	AAI-based (high-confidence)			
TF30_BL_k141_7378	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF21_12wk_k141_101072	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF40_12wk_k141_111014	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Siphoviridae</i>		
TF23_12wk_k141_39847	0.947	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF33_6wk_k141_179667	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	<i>Crass_like</i>	Firmicutes	<i>Staphylococcus aureus</i>
TF20_26wk_k141_137534	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF38_6wk_k141_59732	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF05_26wk_k141_98900	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM03_D6_k141_18204	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_12wk_k141_85142	0.98	dsDNA	Yes	High-quality	98.07	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF49_26wk_k141_137702	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Streptococcus constellatus</i>
TF32_12wk_k141_97667	0.993	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF20_12wk_k141_80255	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF38_6wk_k141_4238	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF21_12wk_k141_236017	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM25_6wk_k141_84989	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF09_BL_k141_183195	1	dsDNA	No	High-quality	91.78	High-quality draft genome	AAI-based (high-confidence)			
DF17_D3_k141_38721	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D5_k141_238761	0.767	dsDNA	No	High-quality	99.95	High-quality draft genome	AAI-based (high-confidence)			
DF16_D5_k141_209532	0.84	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM12_D6_k141_122806	1	dsDNA	No	High-quality	90.99	High-quality draft genome	AAI-based (high-confidence)			
TM16_12wk_k141_102187	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF39_6wk_k141_147909	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D6_k141_20648	0.96	dsDNA	No	High-quality	90.71	High-quality draft genome	AAI-based (high-confidence)	<i>Siphoviridae</i>		
TF45_26wk_k141_10335	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	<i>Crass_like</i>	Bacteroidetes	<i>Parabacteroides distans</i>
TF15_BL_k141_119305	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF36_6wk_k141_162382	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TF34_6wk_k141_267756	1	dsDNA	Yes	High-quality	99.72	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Butyrivibrio crossotus</i>
TF51_6wk_k141_45771	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
LM27_12wk_k141_179423	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
DF14_D5_k141_12684	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_BL_k141_42158	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Siphoviridae</i>		
DF16_D9_k141_287896	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TF13_26wk_k141_190997	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	<i>Microviridae</i>		
TM08_6wk_k141_166189	0.82	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM09_26wk_k141_56815	1	dsDNA	No	High-quality	94.5	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TF49_BL_k141_147319	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM08_D2_k141_48681	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D4_k141_131391	1	dsDNA	No	High-quality	91.97	High-quality draft genome	AAI-based (high-confidence)	<i>Siphoviridae</i>		
TF33_BL_k141_43709	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
DF16_D2_k141_32125	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	<i>Podoviridae</i>		

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TM04_BL_k141_78047	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TM07_BL_k141_194303	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF29_12wk_k141_82220	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TF14_BL_k141_133814	1	dsDNAphage	No	High-quality	90.57	High-quality draft genome	AAI-based (high-confidence)			
TF21_26wk_k141_127106	0.62	ssDNA	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF11_6wk_k141_189848	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF23_BL_k141_43771	0.947	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF26_6wk_k141_49227	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF39_12wk_k141_83711	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_147749	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TM30_12wk_k141_46568	0.993	dsDNAphage	No	High-quality	99.63	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF35_26wk_k141_132706	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_12wk_k141_50150	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TM16_12wk_k141_20335	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM34_6wk_k141_5649	1	dsDNAphage	No	High-quality	90.23	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium bifidum</i>
TM35_BL_k141_219044	0.98	dsDNAphage	No	High-quality	99.48	High-quality draft genome	AAI-based (high-confidence)			
TF34_26wk_k141_158075	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM08_26wk_k141_23830	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
TF38_6wk_k141_54044	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF31_6wk_k141_81915	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium longum</i>
TF26_12wk_k141_77616	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF40_BL_k141_3744	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_6wk_k141_186761	1	dsDNAphage	No	High-quality	90.84	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM14_12wk_k141_87780	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium bifidum</i>
DF14_D7_k141_140558	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D6_k141_5516	0.993	dsDNAphage	No	High-quality	95.25	High-quality draft genome	AAI-based (high-confidence)			
TF30_12wk_k141_27549	0.987	dsDNAphage	No	High-quality	99.83	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Streptococcus pyogenes</i>
TF23_BL_k141_62365	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16a_D4_k141_25439	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM12_12wk_k141_110910	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
DM03_D6_k141_19138	1	dsDNAphage	No	High-quality	98.95	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM18_BL_k141_52293	0.993	dsDNAphage	No	High-quality	92.07	High-quality draft genome	AAI-based (high-confidence)			
TF03_26wk_k141_128142	1	dsDNAphage	No	High-quality	92.76	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia intestinalis</i>
TF44_6wk_k141_29164	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Clostridioides difficile</i>
TF05_12wk_k141_18694	0.993	dsDNAphage	Yes	High-quality	96.21	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TF15_BL_k141_39114	1	dsDNAphage	Yes	High-quality	98.09	High-quality draft genome	AAI-based (medium-confidence)			
DM07_D1_k141_15556	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM17_6wk_k141_100150	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM22_26wk_k141_94127	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF46_12wk_k141_116711	0.88	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM08_D4_k141_66400	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF34_BL_k141_27748	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF02_12wk_k141_80668	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TM19_BL_k141_44432	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF33_BL_k141_155278	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF41_BL_k141_184976	0.967	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF12_6wk_k141_15275	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
DF16_D3_k141_296681	1	dsDNAphage	No	High-quality	94.62	High-quality draft genome	AAI-based (high-confidence)			
TF50_BL_k141_118405	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D7_k141_195504	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM27_BL_k141_150840	1	dsDNAphage	No	High-quality	99.17	High-quality draft genome	AAI-based (high-confidence)			
TF33_6wk_k141_21460	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF41_12wk_k141_54461	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TF30_6wk_k141_47348	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM13_12wk_k141_122826	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM03_26wk_k141_184746	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae	Bacteroidetes	<i>Prevotella bivia</i>
TM03_26wk_k141_37683	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Tyzzrella nexilis</i>
TF05_6wk_k141_48120	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia henselii</i>
TM18_26wk_k141_82553	1	dsDNAphage	No	High-quality	94.34	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Eubacterium ventriosum</i>
TM24_12wk_k141_47367	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF23_6wk_k141_139786	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF16_BL_k141_142243	0.987	dsDNAphage	No	High-quality	98.83	High-quality draft genome	AAI-based (high-confidence)			
DF12_D7_k141_66552	0.993	dsDNAphage	No	High-quality	96.88	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF37_BL_k141_157812	1	dsDNAphage	No	High-quality	94.24	High-quality draft genome	AAI-based (high-confidence)			
TM01_26wk_k141_150163	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Enterococcus faecalis</i>
TF08_BL_k141_76711	1	dsDNAphage	No	High-quality	95.89	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
DM08_D5_k141_146857	0.993	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF32_12wk_k141_27758	0.987	dsDNAphage	No	High-quality	96.92	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Tyzzrella nexilis</i>
DM07_D1_k141_17355	1	dsDNAphage	Yes	High-quality	91.87	High-quality draft genome	AAI-based (high-confidence)			
TF05_26wk_k141_80647	1	dsDNAphage	No	High-quality	91.04	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF40_6wk_k141_91504	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF11_26wk_k141_113147	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM39_BL_k141_39466	0.993	dsDNAphage	No	High-quality	94.67	High-quality draft genome	AAI-based (high-confidence)			
TM24_12wk_k141_83482	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Megamonas hypermegale</i>
TF41_12wk_k141_158414	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM24_12wk_k141_171086	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	ITR (medium-confidence)	Actinobacteria		<i>Bifidobacterium adolescentis</i>
TM03_26wk_k141_6498	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae	Firmicutes	<i>Tyzzrella nexilis</i>
TF35_26wk_k141_136493	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
TM03_6wk_k141_2150	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	<i>Parabacteroides distasonis</i>
TM25_26wk_k141_26896	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_26wk_k141_2813	0.993	dsDNAphage	No	High-quality	99.21	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
TF34_BL_k141_45326	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF40_6wk_k141_21761	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF37_6wk_k141_143572	0.993	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM14_26wk_k141_31235	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF30_BL_k141_46259	1	dsDNAphage	No	High-quality	98.91	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea formicigenerans</i>
TF12_BL_k141_163785	0.987	dsDNAphage	No	High-quality	98.01	High-quality draft genome	AAI-based (medium-confidence)			
TM12_BL_k141_27026	0.66	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM37_BL_k141_114302	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia inulinivorans</i>
TM24_6wk_k141_203648	1	dsDNAphage	No	High-quality	95.17	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TM09_26wk_k141_59038	0.973	dsDNAphage	No	High-quality	97.23	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium adolescentis</i>
TM30_26wk_k141_247145	0.993	dsDNAphage	No	High-quality	95.33	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Ruminococcus bromii</i>
TM05_6wk_k141_233898	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF01_BL_k141_2359	0.973	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF15_BL_k141_95229	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF16_12wk_k141_4005	0.967	dsDNAphage	No	High-quality	93.32	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF25_26wk_k141_24915	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM39_BL_k141_174763	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF37_6wk_k141_17139	0.8	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF44_6wk_k141_48081	1	dsDNAphage	No	High-quality	91.86	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
DM12_D5_k141_147447	0.967	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF34_6wk_k141_261981	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Proteobacteria		<i>Oxalobacter formigenes</i>
TF43_26wk_k141_111451	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF17_26wk_k141_81993	1	dsDNAphage	No	High-quality	97.91	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Tyzzrella nexilis</i>
TM13_12wk_k141_122499	0.987	dsDNAphage	No	High-quality	97.91	High-quality draft genome	AAI-based (high-confidence)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF51_BL_k141_4182	0.993	dsDNAphage	No	High-quality	98.98	High-quality draft genome	AAI-based (high-confidence)			
TF38_BL_k141_25887	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF27_BL_k141_97127	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D8_k141_133585	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)	Myoviridae		
TM27_26wk_k141_78970	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus bromii
TM18_12wk_k141_53544	1	dsDNAphage	No	High-quality	97.31	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF34_6wk_k141_187095	1	dsDNAphage	Yes	High-quality	98.68	High-quality draft genome	AAI-based (high-confidence)			
TF10_6wk_k141_109108	1	dsDNAphage	No	High-quality	97.87	High-quality draft genome	AAI-based (high-confidence)	Microviridae	Bacteroidetes	Prevotella disiens
DF14_D4_k141_111545	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Blautia hansenii
TM25_26wk_k141_47442	1	dsDNAphage	No	High-quality	96.98	High-quality draft genome	AAI-based (high-confidence)			
TM34_BL_k141_155966	1	dsDNAphage	No	High-quality	98.96	High-quality draft genome	AAI-based (high-confidence)			
TF50_BL_k141_127135	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D3_k141_162318	0.947	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_157662	1	dsDNAphage	No	High-quality	91.55	High-quality draft genome	AAI-based (high-confidence)			
TF01_12wk_k141_9254	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Bacteroides vulgatus
TM27_6wk_k141_20975	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Ruminococcus bromii
FM16_12wk_k141_25432c	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		Ruminococcus bromii
TF01_26wk_k141_102933	0.993	dsDNAphage	No	High-quality	99.06	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Prevotella timonensis
DM12_D3_k141_25161	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_12wk_k141_75936	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF13_BL_k141_121504	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF25_BL_k141_91908	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM10_BL_k141_11520	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF20_26wk_k141_144503	0.927	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus champanellensis
TM24_12wk_k141_14735	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_6wk_k141_38885	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus lactaris
DF17_D8_k141_98	0.967	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Microviridae		
FM20_26wk_k141_13428f	1	dsDNAphage	No	High-quality	92.67	High-quality draft genome	AAI-based (high-confidence)			
TF33_BL_k141_89761	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF11_26wk_k141_46397	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF44_BL_k141_11103	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TM21_12wk_k141_71824	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM10_26wk_k141_89564	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus champanellensis
TF01_26wk_k141_71959	0.567	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF40_BL_k141_104397	0.927	dsDNAphage	No	High-quality	90.16	High-quality draft genome	AAI-based (high-confidence)			
FM13_26wk_k141_189021	1	dsDNAphage	No	High-quality	99.82	High-quality draft genome	AAI-based (high-confidence)			
DM07_D4_k141_106094	0.987	dsDNAphage	No	High-quality	94.55	High-quality draft genome	AAI-based (high-confidence)			
DM08_D1_k141_142557	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D6_k141_113288	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF01_26wk_k141_20546	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF40_12wk_k141_23422	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM07_12wk_k141_45722	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM12_26wk_k141_131406	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	Roseburia intestinalis
TF07_12wk_k141_30645	0.94	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM13_BL_k141_92780	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TM09_26wk_k141_20519	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Coprococcus comes
FM04_26wk_k141_112323	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		Bifidobacterium adolescentis
TF45_12wk_k141_88106	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		Roseburia intestinalis
TF21_26wk_k141_207047	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	Roseburia inulinivorans
TF25_12wk_k141_69517	1	dsDNAphage	Yes	High-quality	91.66	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		Faecalibacterium prausnitzii
DF16a_D4_k141_170832	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM23_12wk_k141_9581	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Bacteroides uniformis
TF05_BL_k141_93097	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM08_12wk_k141_18578f	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF09_BL_k141_245662	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM22_6wk_k141_66523	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	Parabacteroides johnsonii
TF34_12wk_k141_168414	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF41_BL_k141_181721	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM39_6wk_k141_94819	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Coprococcus comes
TM23_6wk_k141_109742	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF41_BL_k141_149250	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
FM08_12wk_k141_145775	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Bacteroides caccae
TF32_12wk_k141_46327	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus bromii
TF26_26wk_k141_101416	0.993	dsDNAphage	Yes	High-quality	95.64	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		Bifidobacterium adolescentis
TF32_BL_k141_103279	0.947	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF30_12wk_k141_149558	0.967	dsDNAphage	No	High-quality	90.85	High-quality draft genome	AAI-based (high-confidence)			
TM04_6wk_k141_53940	1	dsDNAphage	No	High-quality	91.76	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TF25_26wk_k141_130479	0.887	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF51_26wk_k141_34861	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM35_BL_k141_45190	0.96	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DF14_D5_k141_71033	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF19_BL_k141_202732	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF31_12wk_k141_143969	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus bromii
TM13_12wk_k141_231955	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF39_BL_k141_6810	0.987	dsDNAphage	No	High-quality	92.29	High-quality draft genome	AAI-based (high-confidence)			
TF17_BL_k141_70197	1	dsDNAphage	No	High-quality	97.69	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM03_12wk_k141_37259	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF31_26wk_k141_121452	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF37_12wk_k141_87188	1	dsDNAphage	No	High-quality	98	High-quality draft genome	AAI-based (high-confidence)	Podoviridae	Proteobacteria	Escherichia coli
TF24_26wk_k141_92860	0.973	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF11_6wk_k141_134814	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF03_26wk_k141_2242	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Staphylococcus aureus
TF23_6wk_k141_124286	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Faecalibacterium prausnitzii
TF51_12wk_k141_15106	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Tyzzzeria nexilis
TM32_6WK_k141_94902	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Lactobacillus ruminis
TM09_BL_k141_91984	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TF27_BL_k141_24768	0.98	dsDNAphage	No	High-quality	98.68	High-quality draft genome	AAI-based (high-confidence)			
TF38_12wk_k141_37896	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TM11_BL_k141_76349	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_12wk_k141_96622	0.947	dsDNAphage	No	High-quality	93.17	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TM13_6wk_k141_165640	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
FM27_12wk_k141_103662	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
DF14_D3_k141_122457	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
TF33_6wk_k141_75749	0.933	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF47_26wk_k141_32256	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF45_26wk_k141_4414	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Bacteroides ovatus
TF50_BL_k141_9558	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_53180	0.94	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF09_BL_k141_41779	0.94	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM33_6wk_k141_2615	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF13_BL_k141_164829	0.98	dsDNAphage	Yes	High-quality	99.21	High-quality draft genome	AAI-based (high-confidence)			
TM35_BL_k141_26246	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF02_6wk_k141_20695	0.94	dsDNAphage	No	High-quality	93.01	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF01_6wk_k141_52681	0.987	dsDNAphage	Yes	High-quality	93.42	High-quality draft genome	AAI-based (high-confidence)			
TF10_6wk_k141_8115	0.993	dsDNAphage	Yes	High-quality	94.16	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
DM12_D6_k141_145981	1	dsDNAphage	No	High-quality	93.68	High-quality draft genome	AAI-based (high-confidence)			
TF16_12wk_k141_100185	1	dsDNAphage	No	High-quality	97.18	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	Prevotella copri
TF51_BL_k141_62319	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM08_D4_k141_226715	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D2_k141_106996	1	dsDNAphage	No	High-quality	94.1	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF48_6wk_k141_134178	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM23_BL_k141_127508	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF01_12wk_k141_46864	0.833	dsDNAphage	No	High-quality	98.01	High-quality draft genome	AAI-based (medium-confidence)			
TF47_26wk_k141_215682	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF39_12wk_k141_6572	0.673	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_12wk_k141_19951	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF03_BL_k141_15633	0.993	dsDNAphage	No	High-quality	93.94	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae		
TF17_12wk_k141_47652	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_26wk_k141_114132	0.933	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
DM03_D3_k141_52828	0.987	dsDNAphage	Yes	High-quality	93.4	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF04_BL_k141_130514	1	dsDNAphage	No	High-quality	95.99	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM18_BL_k141_81350	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF23_6wk_k141_128569	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TF29_BL_k141_12258	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF47_26wk_k141_214781	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium adolescentis
TF38_6wk_k141_122910	1	dsDNAphage	No	High-quality	98.2	High-quality draft genome	AAI-based (high-confidence)			
DM05_D1_k141_6144	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_197090	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM14_BL_k141_174462	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Bacteroidetes		Bacteroides vulgatus
TM27_6wk_k141_9396	0.967	dsDNAphage	No	High-quality	90.73	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Faecalibacterium prausnitzii
TF40_BL_k141_63536	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D8_k141_63223	0.987	dsDNAphage	No	High-quality	96.96	High-quality draft genome	AAI-based (high-confidence)			
TF41_6wk_k141_160329	0.72	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
IM16_12wk_k141_254288	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Roseburia intestinalis
TF03_26wk_k141_185363	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM37_BL_k141_41808	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D3_k141_58498	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM36_12wk_k141_23814	0.933	dsDNAphage	No	High-quality	96.97	High-quality draft genome	AAI-based (medium-confidence)		Bacteroidetes	Prevotella histicola
TF47_26wk_k141_98701	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF03_BL_k141_88398	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Crass_like	
TF40_6wk_k141_127426	0.987	dsDNAphage	No	High-quality	96.9	High-quality draft genome	AAI-based (medium-confidence)	Bacteroidetes		Bacteroides uniformis
DF14_D3_k141_85899	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D4_k141_23828	1	dsDNAphage	No	High-quality	99.17	High-quality draft genome	AAI-based (high-confidence)			
TM24_26wk_k141_26287	0.907	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF42_26wk_k141_66774	0.993	dsDNAphage	No	High-quality	97.81	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF39_BL_k141_182776	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM39_26wk_k141_55535	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF15_12wk_k141_55494	0.967	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Firmicutes		Ruminococcus bromii
TF36_6wk_k141_162450	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	Coprococcus catus
TF03_12wk_k141_21995	0.973	dsDNAphage	No	High-quality	94.66	High-quality draft genome	AAI-based (medium-confidence)			
DF16_D5_k141_23413	1	dsDNAphage	No	High-quality	90.45	High-quality draft genome	AAI-based (medium-confidence)			
TF14_6wk_k141_110916	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae	Firmicutes	Staphylococcus aureus
TM33_6wk_k141_120657	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Ruminococcus bromii
TM09_26wk_k141_4254	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Staphylococcus aureus
TF24_6WK_k141_14748	0.987	dsDNAphage	No	High-quality	94	High-quality draft genome	AAI-based (medium-confidence)	Bacteroidetes		Prevotella denticola
TM12_BL_k141_89394	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF09_6WK_k141_56624	1	dsDNAphage	No	High-quality	97.02	High-quality draft genome	AAI-based (high-confidence)	Crass_like	Bacteroidetes	Parabacteroides distasonis
TF07_12wk_k141_54118	0.973	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TF50_6wk_k141_140722	0.993	dsDNAphage	No	High-quality	91.44	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium pseudocatenulatum
IM16_12wk_k141_254323	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM35_BL_k141_37764	1	dsDNAphage	No	High-quality	99.87	High-quality draft genome	AAI-based (high-confidence)			
TM01_26wk_k141_111926	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium adolescentis
TM34_12wk_k141_177144	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Coprococcus comes
TF01_BL_k141_18041	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Streptococcus pyogenes
TM30_12wk_k141_1453	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM06_12wk_k141_3662	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF01_6wk_k141_90254	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM12_D5_k141_127278	0.993	dsDNAphage	No	High-quality	97.71	High-quality draft genome	AAI-based (high-confidence)			
DF16_D2_k141_159604	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM39_26wk_k141_56750	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	Parabacteroides distasonis
TF09_6WK_k141_63588	1	dsDNAphage	Yes	High-quality	97.28	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
DM03_D6_k141_36196	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM39_12wk_k141_38545	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM14_BL_k141_106576	1	dsDNAphage	No	High-quality	99.99	High-quality draft genome	AAI-based (medium-confidence)			
TF50_6wk_k141_37733	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TM05_26wk_k141_22040	0.8	dsDNAphage	No	High-quality	98.65	High-quality draft genome	AAI-based (medium-confidence)			
TM39_6wk_k141_80309	0.953	dsDNAphage	No	High-quality	95.95	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus champanellensis
TF31_BL_k141_2337	0.967	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF07_6wk_k141_165759	0.907	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM02_12wk_k141_34573	1	dsDNAphage	No	High-quality	93.33	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TM23_BL_k141_121447	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF19_6WK_k141_168875	0.973	dsDNAphage	Yes	High-quality	97.07	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TM02_26wk_k141_29555	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Blautia obeum
TM07_BL_k141_121955	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16a_D4_k141_35454	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
IM01_26wk_k141_150957	0.613	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM20_12wk_k141_86293	0.973	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM22_6wk_k141_1255	0.94	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_BL_k141_7610	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF20_6WK_k141_160151	1	dsDNAphage	No	Complete	100	High-quality draft genome	ITR (high-confidence)	Podoviridae	Actinobacteria	Bifidobacterium pseudocatenulatum
TF32_12wk_k141_8461	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Anaerobutyrium hallii
TF02_6wk_k141_270153	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	Staphylococcus aureus
TF19_6WK_k141_62835	0.973	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TM28_BL_k141_234449	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF18_12wk_k141_46559	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Faecalibacterium prausnitzii
TM19_BL_k141_26001	0.993	dsDNAphage	No	High-quality	90.62	High-quality draft genome	AAI-based (high-confidence)			
IM16_26wk_k141_113398	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		Prevotella multiformis
TF51_BL_k141_27449	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM28_6wk_k141_73645	1	dsDNAphage	No	High-quality	91.68	High-quality draft genome	AAI-based (high-confidence)			
DF14_D8_k141_31191	1	dsDNAphage	No	High-quality	99.52	High-quality draft genome	AAI-based (high-confidence)			
DF14_D8_k141_77022	1	dsDNAphage	No	High-quality	94.33	High-quality draft genome	AAI-based (medium-confidence)			
TM05_BL_k141_211466	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
DM12_D3_k141_105979	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF08_6wk_k141_40443	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM03_BL_k141_68743	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM45_BL_k141_65363	0.873	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF45_BL_k141_23009	0.953	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF27_6wk_k141_20475	1	dsDNAphage	No	Complete	100	High-quality draft genome	AAI-based (medium-confidence)			
TF05_12wk_k141_99575	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
IM14_26wk_k141_126486	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Coprococcus comes

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF35_BL_k141_68394	1	dsDNA	No	High-quality	91.64	High-quality draft genome	AAI-based (high-confidence)			
TF17_BL_k141_37790	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM13_BL_k141_42765	1	dsDNA	No	High-quality	96.85	High-quality draft genome	AAI-based (medium-confidence)			
TM24_BL_k141_81302	1	dsDNA	No	High-quality	92.17	High-quality draft genome	AAI-based (high-confidence)			
TM05_26wk_k141_219781	1	dsDNA	No	High-quality	99.73	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM14_BL_k141_127016	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF32_6wk_k141_35588	0.987	dsDNA	No	High-quality	99.12	High-quality draft genome	AAI-based (high-confidence)			
TM05_BL_k141_112731	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
DM12_D4_k141_55424	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_26wk_k141_187736	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Tyzzrella nexilis</i>
TF33_BL_k141_137790	1	dsDNA	No	High-quality	90.52	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Bacteroides vulgatus</i>
TF19_BL_k141_195246	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF14_BL_k141_198259	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM39_12wk_k141_167671	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF27_BL_k141_127685	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF36_6wk_k141_138313	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF12_D5_k141_6854	1	dsDNA	No	High-quality	95.91	High-quality draft genome	AAI-based (high-confidence)			
TF47_BL_k141_64390	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF01_BL_k141_83586	0.993	dsDNA	No	High-quality	91.72	High-quality draft genome	AAI-based (high-confidence)			
DM12_D5_k141_94251	0.88	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM07_D6_k141_114616	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM01_6WK_k141_131383	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF02_6wk_k141_166652	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		<i>Staphylococcus epidermidis</i>
TF11_26wk_k141_64422	0.98	dsDNA	Yes	High-quality	98.48	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dorea longicatena</i>
TF24_26wk_k141_145003	0.893	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
DM12_D6_k141_20507	0.987	dsDNA	No	High-quality	97.21	High-quality draft genome	AAI-based (high-confidence)			
TF40_BL_k141_53225	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF32_26wk_k141_75324	0.987	dsDNA	No	High-quality	96.96	High-quality draft genome	AAI-based (high-confidence)			
TM06_6wk_k141_20637	0.987	dsDNA	No	High-quality	91.7	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF37_6wk_k141_124012	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF17_26wk_k141_23920	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF18_BL_k141_96694	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Bacteroides uniformis</i>
TF40_6wk_k141_5774	1	dsDNA	No	High-quality	94.41	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF41_26wk_k141_133752	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF45_26wk_k141_41927	0.927	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF34_12wk_k141_41927	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Tyzzrella nexilis</i>
TF42_BL_k141_109215	0.993	dsDNA	No	Complete	100	High-quality draft genome	ITR (high-confidence)			
TM24_26wk_k141_37422	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM17_BL_k141_22068	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF35_6wk_k141_37114	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Tyzzrella nexilis</i>
TM09_BL_k141_3239	0.98	dsDNA	No	High-quality	93.34	High-quality draft genome	AAI-based (high-confidence)			
TM27_12wk_k141_62643	1	dsDNA	No	High-quality	96.87	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TM35_BL_k141_222994	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF50_26wk_k141_148583	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Actinobacteria		<i>Bifidobacterium adolescentis</i>
TF22_BL_k141_122122	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF37_12wk_k141_161552	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM03_D3_k141_86702	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM36_BL_k141_23034	0.98	dsDNA	No	High-quality	98.54	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF36_6wk_k141_98280	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM01_12wk_k141_21084	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Megamonas funiformis</i>
TF41_6wk_k141_208863	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM03_26wk_k141_4974	1	dsDNA	No	High-quality	98.16	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Prevotella copri</i>
DF12_D9_k141_64418	1	dsDNA	No	High-quality	97.7	High-quality draft genome	AAI-based (medium-confidence)			
TF17_26wk_k141_84228	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF36_6wk_k141_189960	0.98	dsDNA	Yes	High-quality	97.31	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Coprococcus comes</i>
TM27_6wk_k141_19145	0.987	dsDNA	No	High-quality	96.41	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Flavonifractor plautii</i>
TM05_26wk_k141_74482	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		<i>Faecalibacterium prausnitzii</i>
TM30_BL_k141_65637	0.993	dsDNA	No	High-quality	94.31	High-quality draft genome	AAI-based (high-confidence)			
TF23_12wk_k141_91970	0.993	dsDNA	No	High-quality	92.14	High-quality draft genome	AAI-based (high-confidence)			
TF20_12wk_k141_160505	1	dsDNA	Yes	High-quality	99.71	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Prevotella copri</i>
TM10_12wk_k141_93744	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		<i>Faecalibacterium prausnitzii</i>
TM28_26wk_k141_136011	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF35_6wk_k141_185803	0.987	dsDNA	No	High-quality	92.6	High-quality draft genome	AAI-based (high-confidence)			
TF06_6WK_k141_83677	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Bacteroidetes		<i>Bacteroides xylanisolvens</i>
TF05_12wk_k141_48035	0.987	dsDNA	No	High-quality	93.08	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF42_12wk_k141_137319	0.987	dsDNA	No	High-quality	98.05	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		<i>Faecalibacterium prausnitzii</i>
TF41_BL_k141_111562	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TM15_6wk_k141_63231	0.84	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF12_6wk_k141_74424	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM33_12wk_k141_64841	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		<i>Megamonas hypermegale</i>
TF25_BL_k141_12814	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF08_BL_k141_73109	1	dsDNA	No	High-quality	93.32	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
DM12_D3_k141_44693	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF20_12wk_k141_144594	0.993	dsDNA	No	High-quality	93.8	High-quality draft genome	AAI-based (medium-confidence)			
TM08_26wk_k141_63987	0.54	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF45_6wk_k141_28625	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM35_BL_k141_211301	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_169754	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF42_6wk_k141_209285	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF06_BL_k141_51221	1	dsDNA	No	High-quality	90.71	High-quality draft genome	AAI-based (high-confidence)			
TM18_12wk_k141_41591	0.987	dsDNA	No	High-quality	91.4	High-quality draft genome	AAI-based (high-confidence)			
TF04_BL_k141_39365	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF45_12wk_k141_123180	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF06_12wk_k141_86417	1	dsDNA	No	High-quality	92.67	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Ruminococcus bromii</i>
TM16_BL_k141_129376	0.6	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF32_26wk_k141_123813	0.987	dsDNA	Yes	High-quality	96.95	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM14_BL_k141_50481	0.953	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF01_26wk_k141_114883	0.987	dsDNA	No	High-quality	98.38	High-quality draft genome	AAI-based (high-confidence)			
TF23_12wk_k141_222111	1	dsDNA	Yes	High-quality	94.35	High-quality draft genome	AAI-based (high-confidence)			
TM16_BL_k141_122284	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM14_BL_k141_9153	1	dsDNA	No	Complete	100	High-quality draft genome	ITR (high-confidence)	Podoviridae		
TF35_12wk_k141_196315	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM16_26wk_k141_142559	0.993	dsDNA	No	High-quality	97.91	High-quality draft genome	AAI-based (high-confidence)	Crass_like		<i>Staphylococcus aureus</i>
TF11_6wk_k141_83592	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Actinobacteria		<i>Bifidobacterium longum</i>
TF01_26wk_k141_173443	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM32_12wk_k141_4432	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>
DM03_D5_k141_82861	1	dsDNA	No	High-quality	99.28	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF28_26wk_k141_50239	1	dsDNA	No	High-quality	99.23	High-quality draft genome	AAI-based (high-confidence)			
TM21_12wk_k141_10022	1	dsDNA	No	High-quality	99.39	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Anaerobutyricum hallii</i>
TF34_12wk_k141_125985	0.967	dsDNA	No	High-quality	94.7	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Alistipes putredinis</i>
TF03_BL_k141_13648	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16a_D4_k141_81188	1	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM34_26wk_k141_96011	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM09_26wk_k141_82006	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		<i>Faecalibacterium prausnitzii</i>
TF49_BL_k141_20012	0.993	dsDNA	No	High-quality	91.1	High-quality draft genome	AAI-based (high-confidence)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
FM04_12wk_k141_189035	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	<i>Bifidobacterium pseudocatenulatum</i>
TF40_6wk_k141_5999	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides xyloamylolvens</i>
TF06_BL_k141_174128	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM21_12wk_k141_129166	0.987	dsDNA	No	High-quality	96.62	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF12_6wk_k141_64713	0.993	dsDNA	No	High-quality	97.39	High-quality draft genome	AAI-based (high-confidence)			
TF02_6wk_k141_164916	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM30_26wk_k141_187095	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF07_26wk_k141_143495	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Tyzzerella nexilis</i>
TF39_26wk_k141_42665	0.927	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TM13_6wk_k141_75078	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF03_26wk_k141_148633	0.96	dsDNA	No	High-quality	92.45	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF03_26wk_k141_266027	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus lactaris</i>
TM18_6wk_k141_114813	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF30_6wk_k141_202339	1	dsDNA	No	High-quality	91.58	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides dorei</i>
TF26_6wk_k141_27552	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	<i>Bifidobacterium pseudocatenulatum</i>
FM07_26wk_k141_147337	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D7_k141_140613	0.96	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM24_BL_k141_218959	1	dsDNA	No	High-quality	92.39	High-quality draft genome	AAI-based (medium-confidence)			
TM09_26wk_k141_37902	1	dsDNA	No	High-quality	91	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Anaerostipes hadrus</i>
TF05_6wk_k141_123632	1	dsDNA	No	High-quality	98.93	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF12_12wk_k141_152325	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF19_BL_k141_93493	0.52	dsDNA	No	High-quality	94.35	High-quality draft genome	AAI-based (high-confidence)			
TM01_BL_k141_70138	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF42_12wk_k141_4892	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
DF16_D3_k141_247867	0.967	dsDNA	No	High-quality	95.08	High-quality draft genome	AAI-based (high-confidence)			
TF01_BL_k141_77709	0.953	dsDNA	No	High-quality	91.01	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides vulgatus</i>
TF43_26wk_k141_107901	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D3_k141_123490	0.973	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF42_6wk_k141_108513	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF04_BL_k141_40649	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
DM03_D5_k141_17080	0.987	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF48_BL_k141_152754	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TF04_BL_k141_17372	1	dsDNA	No	High-quality	90.96	High-quality draft genome	AAI-based (high-confidence)			
TM14_BL_k141_34805	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF17_D2_k141_12489	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_BL_k141_54512	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_BL_k141_29916	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF22_26wk_k141_44673	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF02_6wk_k141_270701	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	<i>Staphylococcus epidermidis</i>
TF45_26wk_k141_66517	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Bacteroidetes	<i>Bacteroides intestinalis</i>
TF36_BL_k141_125732	1	dsDNA	No	High-quality	97.21	High-quality draft genome	AAI-based (medium-confidence)		Bacteroidetes	<i>Bacteroides fragilis</i>
TF25_6WK_k141_69492	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Proteobacteria	<i>Escherichia coli</i>
TF34_26wk_k141_180812	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM24_BL_k141_59765	1	dsDNA	No	High-quality	92.89	High-quality draft genome	AAI-based (high-confidence)			
TF01_BL_k141_45634	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D6_k141_260134	1	dsDNA	No	High-quality	95.18	High-quality draft genome	AAI-based (high-confidence)			
DF12_D2_k141_8632	1	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF19_26wk_k141_164496	0.993	dsDNA	Yes	High-quality	91.12	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TM30_26wk_k141_10145	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM13_12wk_k141_61983	1	dsDNA	No	High-quality	96.47	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
TF40_12wk_k141_7234	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM32_BL_k141_12693	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF12_6wk_k141_140624	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TF38_6wk_k141_7534	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF16_BL_k141_82309	0.98	dsDNA	Yes	High-quality	97.3	High-quality draft genome	AAI-based (high-confidence)			
TF40_BL_k141_90947	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_26wk_k141_72520	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium pseudocatenulatum</i>
TF41_26wk_k141_21634	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TM18_BL_k141_69432	1	dsDNA	No	High-quality	98.7	High-quality draft genome	AAI-based (high-confidence)			
TF28_BL_k141_5465	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM18_26wk_k141_36774	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM08_D2_k141_117788	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_26wk_k141_115102	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM08_D4_k141_132874	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF26_BL_k141_43273	0.74	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM12_D3_k141_18221	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM16_26wk_k141_180442	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TM34_6wk_k141_115380	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM27_6wk_k141_177973	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_193097	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF15_12wk_k141_95029	0.98	dsDNA	No	High-quality	98.47	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Ruminococcus bromii</i>
TF15_26wk_k141_73975	0.987	dsDNA	No	High-quality	97.39	High-quality draft genome	AAI-based (high-confidence)			
TF34_BL_k141_20299	0.993	dsDNA	No	High-quality	98.84	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
FM20_26wk_k141_19622	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM24_6wk_k141_101680	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Bacteroidetes	<i>Parabacteroides distans</i>
DM12_D4_k141_44761	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D6_k141_69013	0.993	dsDNA	No	High-quality	97.55	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TF18_26wk_k141_4359	0.993	dsDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM22_BL_k141_99182	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TM16_26wk_k141_34299	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae	Bacteroidetes	<i>Bacteroides clarus</i>
TF01_BL_k141_27375	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF30_26wk_k141_119382	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM33_6wk_k141_33998	0.993	dsDNA	No	High-quality	94.83	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium adolescentis</i>
TF16_26wk_k141_7919	1	dsDNA	No	High-quality	96.27	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Streptococcus anginosus</i>
TM16_26wk_k141_231153	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	<i>Staphylococcus aureus</i>
TF05_BL_k141_94355	0.993	dsDNA	No	High-quality	97.42	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF37_12wk_k141_62943	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF39_26wk_k141_133657	0.92	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
TF07_6wk_k141_132234	0.94	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF06_26wk_k141_164813	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TM24_26wk_k141_15180	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM30_6wk_k141_27613	1	dsDNA	No	High-quality	98.23	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Bacteroidetes	<i>Bacteroides massiliensis</i>
DF14_D5_k141_126398	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM13_6wk_k141_49548	0.847	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_6WK_k141_113157	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Butyrivibrio crossotus</i>
DM03_D4_k141_30619	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM03_D1_k141_93346	0.94	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM21_6wk_k141_88983	0.993	dsDNA	No	High-quality	94.55	High-quality draft genome	AAI-based (high-confidence)			
DM07_D2_k141_98811	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_6wk_k141_6893	0.993	dsDNA	No	High-quality	99.54	High-quality draft genome	AAI-based (high-confidence)			
DF16_D9_k141_99627	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM16_12wk_k141_110359	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
DF16_D6_k141_138752	0.993	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TM13_BL_k141_26623	0.987	dsDNA	No	High-quality	90.51	High-quality draft genome	AAI-based (high-confidence)			
TF49_BL_k141_188979	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae		

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF36_BL_k141_26183	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF06_12wk_k141_137063	1	dsDNAphage	No	High-quality	96.91	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides xylinisolvans</i>
DM03_D5_k141_34702	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF06_26wk_k141_58487	0.993	dsDNAphage	No	High-quality	97.76	High-quality draft genome	AAI-based (high-confidence)			
TF41_BL_k141_1239	0.98	dsDNAphage	No	High-quality	95.11	High-quality draft genome	AAI-based (high-confidence)			
TF28_BL_k141_54429	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM23_12wk_k141_61369	0.96	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF17_26wk_k141_27412	0.98	dsDNAphage	Yes	High-quality	99.86	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Phascolarctobacterium succinatutens</i>
TM06_12wk_k141_147377	1	dsDNAphage	No	High-quality	94.19	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Phascolarctobacterium succinatutens</i>
TF14_6wk_k141_212491	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM03_BL_k141_76794	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF35_6wk_k141_20828	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF19_12wk_k141_45850	0.96	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF49_6wk_k141_156915	1	dsDNAphage	No	High-quality	95.16	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Staphylococcus aureus</i>
DM07_D1_k141_809	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF50_6wk_k141_220701	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TF50_6wk_k141_72099	1	dsDNAphage	No	High-quality	92.85	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TM15_6wk_k141_93895	0.987	dsDNAphage	No	High-quality	93.56	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF35_BL_k141_86399	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF45_6wk_k141_25007	0.973	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides xylinisolvans</i>
TF34_6wk_k141_60407	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM24_26wk_k141_18632	1	dsDNAphage	No	High-quality	99.31	High-quality draft genome	AAI-based (high-confidence)			
TF24_12wk_k141_24571	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF04_BL_k141_152263	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM01_26wk_k141_116885	1	dsDNAphage	No	High-quality	99.63	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF12_6wk_k141_156256	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM05_BL_k141_137060	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
TM10_BL_k141_2577	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM08_BL_k141_90468	0.993	dsDNAphage	No	High-quality	95.01	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Butyrivibrio crossotus</i>
TM36_12wk_k141_48778	0.993	dsDNAphage	No	High-quality	92.23	High-quality draft genome	AAI-based (high-confidence)			
TM08_12wk_k141_163892	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF18_12wk_k141_156214	1	dsDNAphage	Yes	High-quality	99.21	High-quality draft genome	AAI-based (high-confidence)			
TF02_BL_k141_249967	1	dsDNAphage	Yes	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TM03_12wk_k141_152605	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Tyzzereella nexilis</i>
TF07_6wk_k141_155442	1	dsDNAphage	No	High-quality	92.42	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF12_D2_k141_14657	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF09_6WK_k141_59142	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella multififormis</i>
TM39_26wk_k141_97164	1	dsDNAphage	No	High-quality	99.22	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TF29_26wk_k141_58048	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TF27_6wk_k141_222548	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)	Podoviridae	Firmicutes	<i>Clostridium sporogenes</i>
TF22_BL_k141_22678	0.993	dsDNAphage	No	High-quality	95.69	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
DF16_D2_k141_127400	0.98	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D2_k141_18619	1	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)	Myoviridae		
TF41_BL_k141_50668	1	dsDNAphage	No	High-quality	95.41	High-quality draft genome	AAI-based (high-confidence)			
TM34_6wk_k141_26193	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TF44_6wk_k141_7681	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Bacteroidetes	<i>Prevotella copri</i>
DM07_D4_k141_18516	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_12wk_k141_102159	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM14_12wk_k141_42089	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM20_12wk_k141_18780	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF18_26wk_k141_72469	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TM30_12wk_k141_61193	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF09_6WK_k141_197715	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TF44_6wk_k141_74504	0.867	dsDNAphage	No	High-quality	95.5	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Anaerobutyrium hallii</i>
TF48_12wk_k141_41655	1	dsDNAphage	No	High-quality	95.45	High-quality draft genome	AAI-based (high-confidence)			
TF21_BL_k141_91460	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM25_26wk_k141_73028	0.9	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF37_26wk_k141_78985	1	dsDNAphage	Yes	High-quality	91.99	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dorea longicatena</i>
TF37_BL_k141_107475	1	dsDNAphage	Yes	High-quality	98.49	High-quality draft genome	AAI-based (high-confidence)			
TF37_BL_k141_134872	1	dsDNAphage	Yes	High-quality	97.74	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Anaerostipes hadrus</i>
TF37_BL_k141_70116	0.987	dsDNAphage	Yes	High-quality	99.94	High-quality draft genome	AAI-based (high-confidence)			
TF37_BL_k141_76854	0.993	dsDNAphage	Yes	High-quality	98.98	High-quality draft genome	AAI-based (high-confidence)			
TF38_6wk_k141_146440	1	dsDNAphage	Yes	High-quality	90.63	High-quality draft genome	AAI-based (high-confidence)			
TF40_12wk_k141_106649	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF40_6wk_k141_91768	0.987	dsDNAphage	Yes	High-quality	95.99	High-quality draft genome	AAI-based (high-confidence)			
TF41_12wk_k141_144134	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF41_26wk_k141_12202	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF42_12wk_k141_71595	0.993	dsDNAphage	Yes	High-quality	96.88	High-quality draft genome	AAI-based (high-confidence)			
TF42_26wk_k141_125867	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF42_26wk_k141_166229	1	dsDNAphage	Yes	High-quality	98.56	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Eubacterium ventriosum</i>
TF42_6wk_k141_127766	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Staphylococcus aureus</i>
TF42_BL_k141_19766	1	ssDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
TF43_12wk_k141_95207	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	DTR (medium-confidence)	Firmicutes		<i>Ruminococcus bromii</i>
TF43_26wk_k141_95639	0.973	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF43_6wk_k141_148312	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF43_BL_k141_35049	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF44_12wk_k141_28497	0.993	dsDNAphage	Yes	High-quality	93.94	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TF44_12wk_k141_43901	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium adolescentis</i>
TF46_12wk_k141_89080	0.973	dsDNAphage	Yes	High-quality	92.14	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dorea longicatena</i>
TF46_6wk_k141_102721	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium longum</i>
TF46_BL_k141_110370	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF46_BL_k141_118276	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF46_BL_k141_38989	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)			
TF46_BL_k141_4714	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF47_12wk_k141_47082	1	dsDNAphage	Yes	High-quality	91.74	High-quality draft genome	AAI-based (high-confidence)	Actinobacteria		<i>Bifidobacterium bifidum</i>
TF47_6wk_k141_133679	0.98	dsDNAphage	Yes	High-quality	97.37	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dorea formicigenerans</i>
TF47_BL_k141_41904	0.98	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)	Myoviridae		
TF48_26wk_k141_71318	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF48_6wk_k141_3254	0.96	dsDNAphage	Yes	High-quality	92.33	High-quality draft genome	AAI-based (high-confidence)			
TF48_BL_k141_133798	0.987	dsDNAphage	Yes	High-quality	98.33	High-quality draft genome	AAI-based (high-confidence)			
TF49_6wk_k141_30886	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Ruminococcus bromii</i>
TF49_6wk_k141_7353	0.987	dsDNAphage	Yes	High-quality	90.45	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TF49_6wk_k141_93399	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF49_BL_k141_80100	0.973	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF50_26wk_k141_164910	0.987	dsDNAphage	Yes	High-quality	95.98	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Phascolarctobacterium succinatutens</i>
TF51_6wk_k141_120240	0.993	dsDNAphage	Yes	High-quality	95.67	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Streptococcus anginosus</i>
TF51_6wk_k141_27821	0.987	dsDNAphage	Yes	High-quality	92.38	High-quality draft genome	AAI-based (high-confidence)			
TF51_BL_k141_4535	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF51_BL_k141_83967	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM03_BL_k141_187643	0.993	dsDNAphage	Yes	High-quality	90.11	High-quality draft genome	AAI-based (high-confidence)			
TM04_12wk_k141_115676	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM04_12wk_k141_121875	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Streptococcus anginosus</i>
TM04_12wk_k141_1739	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Bacteroides caecae</i>
FM04_26wk_k141_15336	0.973	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM04_6wk_k141_93255	0.987	dsDNAphage	Yes	High-quality	90.37	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Ruminococcus bromii</i>

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TM04_BL_k141_51317	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_6wk_k141_170751	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Lactobacillus ruminis</i>
TM06_12wk_k141_56887	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM06_26wk_k141_40999	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM06_26wk_k141_54758	0.993	dsDNAphage	Yes	High-quality	96.71	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Staphylococcus epidermidis</i>
TM06_26wk_k141_80864	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM06_6wk_k141_23281	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Siphoviridae	Firmicutes	<i>Staphylococcus aureus</i>
TM06_6wk_k141_81743	0.927	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM07_12wk_k141_52208	0.987	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM07_6wk_k141_201457	0.987	dsDNAphage	Yes	High-quality	97.67	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM08_26wk_k141_119495	0.993	dsDNAphage	Yes	High-quality	91.5	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM08_6wk_k141_75625	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM08_BL_k141_118205	0.98	dsDNAphage	Yes	High-quality	96.39	High-quality draft genome	AAI-based (high-confidence)			
TM09_6wk_k141_88720	0.973	ssDNA	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM09_BL_k141_80919	0.993	dsDNAphage	Yes	High-quality	98.51	High-quality draft genome	AAI-based (high-confidence)			
TM10_BL_k141_2265	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Bacteroidetes	<i>Bacteroides xylinisolvans</i>
TM12_12wk_k141_97202	0.98	dsDNAphage	Yes	High-quality	94.33	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM12_BL_k141_14288	0.98	dsDNAphage	Yes	High-quality	92.25	High-quality draft genome	AAI-based (high-confidence)			
TM12_BL_k141_60911	1	dsDNAphage	Yes	High-quality	94.51	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea formicigenerans</i>
TM13_26wk_k141_61821	0.867	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM13_BL_k141_123531	0.9	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM13_BL_k141_15337	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM13_BL_k141_81986	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM14_12wk_k141_53427	1	dsDNAphage	Yes	High-quality	98.66	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM14_26wk_k141_109166	0.987	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)	Siphoviridae		
TM14_6wk_k141_135968	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TM16_6WK_k141_39087	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TM18_12wk_k141_28700	0.987	dsDNAphage	Yes	High-quality	99.74	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM18_26wk_k141_69502	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TM18_BL_k141_68032	0.993	dsDNAphage	Yes	High-quality	98.88	High-quality draft genome	AAI-based (high-confidence)			
TM18_BL_k141_71605	0.993	dsDNAphage	Yes	High-quality	98	High-quality draft genome	AAI-based (high-confidence)			
TM19_BL_k141_104926	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM20_12wk_k141_92644	0.94	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM20_26wk_k141_100251	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TM20_26wk_k141_167872	1	dsDNAphage	Yes	High-quality	90.92	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		<i>Prevotella distiens</i>
TM20_26wk_k141_59709	0.993	dsDNAphage	Yes	High-quality	95.4	High-quality draft genome	AAI-based (high-confidence)			
TM20_6wk_k141_80689	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia inulinivorans</i>
TM20_BL_k141_177337	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Streptococcus pyogenes</i>
TM22_6wk_k141_125897	0.993	dsDNAphage	Yes	High-quality	94.41	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Prevotella distiens</i>
TM23_12wk_k141_9965	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TM23_26wk_k141_150024	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM23_26wk_k141_67534	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Bacteroidetes	<i>Bacteroides vulgatus</i>
TM24_12wk_k141_158886	1	dsDNAphage	Yes	High-quality	99.21	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Staphylococcus aureus</i>
TM24_12wk_k141_163784	1	dsDNAphage	Yes	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae	Firmicutes	<i>Streptococcus pyogenes</i>
TM24_12wk_k141_52913	0.993	dsDNAphage	Yes	High-quality	94.09	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Ruminococcus bromii</i>
TM24_12wk_k141_53955	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Ruminococcus lactaris</i>
TM25_12wk_k141_142965	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia intestinalis</i>
TM25_12wk_k141_69979	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM25_26wk_k141_13191	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Proteobacteria	<i>Escherichia coli</i>
TM25_6wk_k141_12323	0.993	dsDNAphage	Yes	High-quality	91.36	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Coprococcus comes</i>
TM25_BL_k141_22837	0.993	dsDNAphage	Yes	High-quality	93.14	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM25_BL_k141_33361	0.993	dsDNAphage	Yes	High-quality	96.61	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Tyzzrella nexilis</i>
TM25_BL_k141_70406	0.98	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM27_12wk_k141_69175	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM27_26wk_k141_73681	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TM27_BL_k141_67452	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM28_26wk_k141_169172	1	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)			
TM28_BL_k141_111121	0.987	dsDNAphage	Yes	High-quality	91.46	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TM29_12wk_k141_24600	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea longicatena</i>
FM30_12wk_k141_108182	1	dsDNAphage	Yes	High-quality	94.53	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
FM30_26wk_k141_20748	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM32_12wk_k141_1648	1	dsDNAphage	Yes	High-quality	99.23	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM32_BL_k141_103800	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae		
TM32_BL_k141_9783	0.987	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)		Firmicutes	<i>Tyzzrella nexilis</i>
TM33_BL_k141_85036	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TM34_6wk_k141_18050	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM34_BL_k141_148153	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM34_BL_k141_39027	0.987	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia inulinivorans</i>
TM35_BL_k141_100928	0.993	dsDNAphage	Yes	High-quality	95.38	High-quality draft genome	AAI-based (high-confidence)			
TM35_BL_k141_148296	0.987	ssDNA	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
TM35_BL_k141_228064	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM36_12wk_k141_56187	0.993	dsDNAphage	Yes	High-quality	93.3	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	<i>Roseburia intestinalis</i>
TM37_BL_k141_55499	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM39_26wk_k141_99362	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM39_6wk_k141_23816	0.987	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM39_BL_k141_105211	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM13_12wk_k141_232021	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
FM13_26wk_k141_215680	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF26_12wk_k141_95061	1	dsDNAphage	No	High-quality	98.01	High-quality draft genome	AAI-based (high-confidence)			
DF16_D6_k141_363535	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF14_6wk_k141_89992	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TM05_6wk_k141_6620	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM05_26wk_k141_11993	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D2_k141_214701	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM07_D5_k141_222374	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF42_12wk_k141_118416	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TF41_12wk_k141_109208	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DM03_D4_k141_146730	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Roseburia inulinivorans</i>
TF12_6wk_k141_40773	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF36_26wk_k141_105312	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D7_k141_330256	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D8_k141_307561	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D6_k141_363379	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D5_k141_340608	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16a_D4_k141_290409	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D3_k141_292651	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D2_k141_356115	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF03_12wk_k141_128199	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D5_k141_120251	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D3_k141_107020	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D4_k141_10216	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D2_k141_109468	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D6_k141_104099	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF48_12wk_k141_216464	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM27_12wk_k141_84521	0.933	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
FM07_12wk_k141_250564	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM13_12wk_k141_98681	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF27_6wk_k141_142122	0.993	dsDNAphage	Yes	High-quality	91.76	High-quality draft genome	AAI-based (high-confidence)			
DF16_D7_k141_330302	0.587	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TF29_6WK_k141_204308	0.587	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
DF16_D5_k141_340650	0.56	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TM18_6wk_k141_74364	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
FM16_12wk_k141_254345	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF49_12wk_k141_212026	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF28_12wk_k141_46624	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TF28_26wk_k141_86575	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	<i>Bifidobacterium longum</i>
TF25_12wk_k141_97906	1	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)		Firmicutes	<i>Catenibacterium mitsuokai</i>
TF03_26wk_k141_54501	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
FM28_12wk_k141_166975	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF03_BL_k141_183968	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF07_6wk_k141_50137	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM33_12wk_k141_83144	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DM03_D4_k141_59668	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM03_D3_k141_117151	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM03_D1_k141_128571	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF27_6wk_k141_28515	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D5_k141_191450	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D7_k141_11319	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
DF16_D3_k141_132500	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
DF16_D2_k141_355860	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF14_D6_k141_163880	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D4_k141_109549	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_177905	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF17_D6_k141_159669	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF15_12wk_k141_105118	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Blautia obeum</i>
TM28_26wk_k141_91299	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF01_26wk_k141_80283	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF18_12wk_k141_156362	0.5	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM24_6wk_k141_111847	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
FM24_26wk_k141_162516	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM09_12wk_k141_51901	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like	Firmicutes	<i>Staphylococcus aureus</i>
DF17_D9_k141_67828	0.94	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM05_26wk_k141_95493	1	dsDNAphage	No	High-quality	99.4	High-quality draft genome	AAI-based (high-confidence)			
TF38_12wk_k141_60436	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D6_k141_353683	0.953	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM08_6wk_k141_183819	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Roseburia intestinalis</i>
TF01_6wk_k141_156584	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF17_D7_k141_136533	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF14_D2_k141_165816	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF16_12wk_k141_30168	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D3_k141_106946	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM15_6wk_k141_779	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF15_26wk_k141_58107	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TM27_26wk_k141_143177	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_6wk_k141_209036	0.973	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF41_BL_k141_183067	0.973	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF30_26wk_k141_136064	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
DM07_D3_k141_218716	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D2_k141_71232	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D4_k141_52149	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM28_6wk_k141_74786	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM28_26wk_k141_183006	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D8_k141_307179	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM17_26wk_k141_153535	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF34_12wk_k141_15495	1	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF02_6wk_k141_11103	0.993	dsDNAphage	No	High-quality	97.61	High-quality draft genome	AAI-based (high-confidence)			
DF12_D8_k141_68431	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF25_26wk_k141_24427	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF28_6wk_k141_61207	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Actinobacteria		<i>Bifidobacterium longum</i>
DF12_D4_k141_66543	1	dsDNAphage	Yes	High-quality	95.23	High-quality draft genome	AAI-based (high-confidence)			
DF12_D3_k141_37475	0.987	dsDNAphage	Yes	High-quality	95.23	High-quality draft genome	AAI-based (high-confidence)			
TM06_6wk_k141_139838	0.967	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF12_26wk_k141_41279	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D5_k141_75317	0.993	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF30_12wk_k141_161613	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_26wk_k141_173757	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_12wk_k141_189927	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF50_26wk_k141_201912	0.78	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF20_12wk_k141_18491	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF02_12wk_k141_241533	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM25_6wk_k141_132671	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF29_12wk_k141_134741	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
TF39_6wk_k141_78000	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TF39_26wk_k141_97296	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TM27_6wk_k141_182960	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TF48_12wk_k141_216544	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
TF48_26wk_k141_239515	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Faecalibacterium prausnitzii</i>
DF12_D5_k141_120229	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF39_26wk_k141_80391	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF14_D4_k141_58199	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF29_26wk_k141_214396	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Blautia obeum</i>
DM07_D5_k141_111780	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF26_26wk_k141_103398	1	dsDNAphage	No	High-quality	98.01	High-quality draft genome	AAI-based (high-confidence)			
DM07_D2_k141_214782	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF36_12wk_k141_144092	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF36_6wk_k141_208763	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF23_6wk_k141_84139	0.913	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF19_26wk_k141_222089	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF16_D8_k141_262997	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Myoviridae		
TF28_12wk_k141_170284	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Bacteroidetes		<i>Prevotella copri</i>
TF03_26wk_k141_272766	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF25_12wk_k141_133733	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF39_26wk_k141_257019	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF10_6wk_k141_30673	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
DM07_D4_k141_217314	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF29_6WK_k141_239691	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM24_26wk_k141_88803	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TF42_26wk_k141_72286	0.98	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Anaerobutyrium hallii</i>
TF48_6wk_k141_128410	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
DF14_D2_k141_166028	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF25_26wk_k141_121241	1	dsDNA	Yes	Complete	100	High-quality draft genome	Provirus (high-confidence)		Firmicutes	<i>Catenibacterium mitsuokai</i>
TF51_12wk_k141_58032	0.993	dsDNA	Yes	High-quality	92.91	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM06_6wk_k141_40054	1	dsDNA	Yes	High-quality	91.55	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Faecalibacterium prausnitzii</i>
TM39_BL_k141_164480	0.993	dsDNA	No	High-quality	91.16	High-quality draft genome	AAI-based (high-confidence)			
TM37_BL_k141_27034	1	dsDNA	No	High-quality	99.93	High-quality draft genome	AAI-based (high-confidence)			
TM37_BL_k141_30158	1	dsDNA	No	High-quality	98.05	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	<i>Dorea formicigenerans</i>
TM37_BL_k141_43650	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM37_BL_k141_120569	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM35_BL_k141_100454	0.993	dsDNA	No	High-quality	91.04	High-quality draft genome	AAI-based (high-confidence)			
TM34_BL_k141_103427	0.773	dsDNA	No	High-quality	96.64	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
FM34_26wk_k141_189966	0.98	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM32_GWK_k141_22930	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM32_26wk_k141_31249	0.993	dsDNA	No	High-quality	98.12	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
TM32_12wk_k141_72721	0.973	ssDNA	No	High-quality	99.32	High-quality draft genome	HMM-based (lower-bound)			
TM30_6wk_k141_21578	0.967	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM28_26wk_k141_92496	0.613	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM25_26wk_k141_26515	0.533	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Firmicutes		<i>Tyzzrella nexilis</i>
FM25_26wk_k141_109670	0.92	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Microviridae	Bacteroidetes	<i>Bacteroides finegoldii</i>
FM25_26wk_k141_159600	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
FM25_26wk_k141_159800	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM24_BL_k141_56009	0.947	dsDNA	No	High-quality	97.48	High-quality draft genome	AAI-based (medium-confidence)			
TM24_BL_k141_154851	1	dsDNA	No	High-quality	98.02	High-quality draft genome	AAI-based (high-confidence)			
TM24_26wk_k141_45193	1	dsDNA	No	High-quality	97.73	High-quality draft genome	AAI-based (high-confidence)			
TM24_26wk_k141_52951	1	dsDNA	No	High-quality	96.93	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM24_26wk_k141_89335	1	dsDNA	No	High-quality	93.75	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
FM24_26wk_k141_162457	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM23_BL_k141_8924	1	dsDNA	No	High-quality	99.38	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM23_BL_k141_91299	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM23_6wk_k141_75867	1	dsDNA	No	High-quality	97.96	High-quality draft genome	AAI-based (high-confidence)			
TM22_BL_k141_81824	1	ssDNA	No	High-quality	94.51	High-quality draft genome	AAI-based (medium-confidence)			
TM22_6wk_k141_23618	0.947	dsDNA	No	High-quality	93.83	High-quality draft genome	AAI-based (high-confidence)			
TM22_6wk_k141_33082	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM22_6wk_k141_67646	1	dsDNA	No	High-quality	93.59	High-quality draft genome	AAI-based (high-confidence)			
TM22_6wk_k141_88888	1	dsDNA	No	High-quality	97.2	High-quality draft genome	AAI-based (high-confidence)			
FM22_26wk_k141_123795	1	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae	Bacteroidetes	<i>Prevotella disiens</i>
FM22_26wk_k141_137784	1	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Actinobacteria		<i>Bifidobacterium bifidum</i>
TM19_BL_k141_96266	0.993	dsDNA	No	High-quality	98.94	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM19_BL_k141_102104	0.993	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM19_BL_k141_154505	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM17_6WK_k141_120947	0.953	dsDNA	No	High-quality	98.56	High-quality draft genome	AAI-based (high-confidence)			
TM17_26wk_k141_24353	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM17_26wk_k141_67207	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Intestinibacter bartlettii</i>
TM17_26wk_k141_31210	0.993	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM17_26wk_k141_153615	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM16_BL_k141_184790	0.9	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM16_26wk_k141_126584	1	dsDNA	No	High-quality	99.39	High-quality draft genome	AAI-based (high-confidence)			
TM16_12wk_k141_171603	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Staphylococcus epidermidis</i>
TM16_12wk_k141_30993	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM16_12wk_k141_254319	0.787	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM15_BL_k141_121071	0.933	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM15_6wk_k141_66091	1	dsDNA	No	High-quality	92.76	High-quality draft genome	AAI-based (high-confidence)			
TM15_6wk_k141_96473	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM14_BL_k141_145828	1	dsDNA	No	High-quality	91.03	High-quality draft genome	AAI-based (high-confidence)			
TM14_BL_k141_91088	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM14_6wk_k141_32965	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM14_26wk_k141_46317	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TM12_12wk_k141_231815	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Podoviridae		
TM12_6WK_k141_120422	0.993	dsDNA	No	Complete	100	High-quality draft genome	ITR (high-confidence)	Podoviridae	Bacteroidetes	<i>Prevotella disiens</i>
TM11_BL_k141_898	0.92	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM11_BL_k141_10988	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TM11_BL_k141_72415	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TM11_BL_k141_113598	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Podoviridae		
TM10_BL_k141_75400	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TM10_6wk_k141_2525	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM09_12wk_k141_87196	0.867	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM08_6wk_k141_130099	0.94	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
FM08_26wk_k141_189248	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dialister invisus</i>
FM08_26wk_k141_238530	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM07_26wk_k141_98131	0.987	dsDNA	No	High-quality	98.57	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae	Firmicutes	<i>Blautia obeum</i>
TM07_26wk_k141_54199	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Firmicutes		<i>Lactobacillus paracasei</i>
FM07_12wk_k141_104682	0.98	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM06_BL_k141_167295	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM06_6wk_k141_141348	0.993	dsDNA	No	High-quality	93.57	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	<i>Anaerobutyrium hallii</i>
TM05_BL_k141_226998	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM05_BL_k141_227004	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TM05_12wk_k141_13307	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Podoviridae		
TM05_12wk_k141_162119	0.747	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TM04_BL_k141_166734	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM04_12wk_k141_25554	1	dsDNA	No	High-quality	97.82	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TM02_GWK_k141_87411	1	dsDNA	No	High-quality	91.7	High-quality draft genome	AAI-based (medium-confidence)			
TM01_BL_k141_12466	0.993	dsDNA	No	High-quality	91.77	High-quality draft genome	AAI-based (medium-confidence)			
TF51_12wk_k141_13075	0.993	dsDNA	No	High-quality	99.47	High-quality draft genome	AAI-based (high-confidence)			
TF51_12wk_k141_115105	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF50_6wk_k141_4396	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF50_6wk_k141_36784	0.88	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF50_26wk_k141_77055	0.907	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF50_12wk_k141_167888	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TF49_BL_k141_704	0.993	dsDNA	No	High-quality	99.91	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF49_BL_k141_9149	0.913	ssDNA	No	High-quality	98.62	High-quality draft genome	HMM-based (lower-bound)			
TF49_BL_k141_163529	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TF49_6wk_k141_210838	0.94	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		<i>Blautia obeum</i>
TF49_26wk_k141_214480	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Dialister invisus</i>
TF49_26wk_k141_139971	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF48_BL_k141_16267	1	dsDNA	No	High-quality	93.92	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		<i>Intestinibacter bartlettii</i>
TF48_BL_k141_65679	0.993	dsDNA	No	High-quality	95.11	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF48_BL_k141_13497	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF48_26wk_k141_239356	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF47_BL_k141_13475	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF47_BL_k141_180785	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF47_12wk_k141_81813	0.767	ssDNA	No	High-quality	99.97	High-quality draft genome	HMM-based (lower-bound)			
TF46_BL_k141_17880	1	dsDNA	No	High-quality	95.89	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF46_BL_k141_10724	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF46_BL_k141_138304	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF45_6wk_k141_136558	0.82	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF45_26wk_k141_25561	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF44_BL_k141_38566	0.627	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF44_6wk_k141_107989	0.98	dsDNA	No	High-quality	93.03	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF42_BL_k141_62593	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF42_26wk_k141_114658	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Filifactor alocis
TF41_BL_k141_26780	0.987	dsDNA	No	High-quality	91.41	High-quality draft genome	AAI-based (medium-confidence)			
TF41_6wk_k141_126188	1	dsDNA	No	High-quality	99.13	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF41_26wk_k141_179052	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF41_26wk_k141_120233	0.967	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF40_BL_k141_78896	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF40_12wk_k141_74375	1	dsDNA	No	High-quality	96.7	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF39_BL_k141_31829	0.773	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF38_BL_k141_14896	1	dsDNA	No	High-quality	92.97	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF38_BL_k141_43564	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF38_26wk_k141_26497	0.873	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF38_26wk_k141_28908	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae	Bacteroidetes	Prevotella melaninogenica
TF37_BL_k141_4890	0.947	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF37_6wk_k141_64363	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_73459	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF37_6wk_k141_147751	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF37_26wk_k141_101200	1	dsDNA	No	High-quality	97.63	High-quality draft genome	AAI-based (high-confidence)			
TF37_26wk_k141_13701	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Crass_like		
TF37_26wk_k141_58524	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF37_12wk_k141_18942	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF36_BL_k141_107271	0.967	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Myoviridae		
TF36_BL_k141_70518	0.947	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF35_12wk_k141_213321	0.973	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF34_26wk_k141_21747	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Actinobacteria	Bifidobacterium bifidum
TF33_BL_k141_60141	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Proteobacteria	Escherichia coli
TF33_6wk_k141_63824	0.96	dsDNA	No	Complete	100	High-quality draft genome	TTR (high-confidence)	Myoviridae	Proteobacteria	Escherichia coli
TF33_6wk_k141_89482	0.987	dsDNA	No	High-quality	95.24	High-quality draft genome	AAI-based (high-confidence)	Microviridae	Bacteroidetes	Prevotella bivia
TF33_6wk_k141_118252	0.993	dsDNA	No	High-quality	93.16	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF32_6wk_k141_17027	1	dsDNA	No	High-quality	90.23	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF32_6wk_k141_84476	0.88	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF32_26wk_k141_64677	1	dsDNA	No	High-quality	99.73	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF32_26wk_k141_69232	1	dsDNA	No	High-quality	90.15	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF32_26wk_k141_83340	1	dsDNA	No	High-quality	96.42	High-quality draft genome	AAI-based (high-confidence)			
TF31_26wk_k141_109853	0.593	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF31_12wk_k141_146830	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF31_12wk_k141_146868	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF30_BL_k141_145842	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF30_26wk_k141_66601	0.807	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF30_12wk_k141_22187	0.98	dsDNA	No	High-quality	96.91	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Faecalibacterium prausnitzii
TF28_12wk_k141_2575	1	dsDNA	No	High-quality	98.37	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae	Firmicutes	Streptococcus gallolyticus
TF28_12wk_k141_137855	0.993	ssDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF27_BL_k141_206392	0.933	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF27_6wk_k141_132810	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF27_6wk_k141_211955	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF27_6wk_k141_222623	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae	Bacteroidetes	Prevotella disiens
TF27_6wk_k141_153318	0.967	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF27_26wk_k141_10767	0.9	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF27_26wk_k141_193710	0.853	dsDNA	No	High-quality	99.98	High-quality draft genome	AAI-based (high-confidence)			
TF27_12wk_k141_84208	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF26_6wk_k141_32366	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF26_26wk_k141_122718	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TF25_BL_k141_2711	1	dsDNA	No	High-quality	96.22	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF25_26wk_k141_3449	1	dsDNA	No	High-quality	96.88	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Staphylococcus aureus
TF25_12wk_k141_133747	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF24_BL_k141_128850	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF24_12wk_k141_112342	0.613	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF23_BL_k141_92706	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF23_BL_k141_92707	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF22_BL_k141_85607	1	dsDNA	No	High-quality	92.19	High-quality draft genome	AAI-based (medium-confidence)			
TF22_12wk_k141_147790	0.993	dsDNA	No	High-quality	92.75	High-quality draft genome	AAI-based (medium-confidence)			
TF20_BL_k141_200764	0.933	dsDNA	No	High-quality	91.81	High-quality draft genome	AAI-based (high-confidence)			
TF20_BL_k141_3999	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF20_26wk_k141_233647	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF19_BL_k141_202808	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF19_BL_k141_127090	0.987	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF19_6WK_k141_141110	0.607	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF19_6WK_k141_170573	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF18_BL_k141_42110	0.62	dsDNA	No	High-quality	94.52	High-quality draft genome	AAI-based (high-confidence)			
TF18_BL_k141_163513	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF18_BL_k141_170467	1	dsDNA	No	High-quality	98.98	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF18_BL_k141_168027	0.9	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF18_12wk_k141_54481	0.927	dsDNA	No	High-quality	94.85	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Anaerobutyrium hallii
TF14_BL_k141_45314	0.52	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
TF14_6wk_k141_58937	0.513	dsDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF14_6wk_k141_212672	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF13_6wk_k141_94654	1	dsDNA	No	High-quality	91.46	High-quality draft genome	AAI-based (high-confidence)			
TF13_6wk_k141_130362	0.973	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF12_6wk_k141_51350	0.987	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF12_6wk_k141_19426	0.893	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF12_26wk_k141_1260	0.72	dsDNA	No	High-quality	99.71	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
TF11_BL_k141_25374	1	dsDNA	No	High-quality	99.19	High-quality draft genome	AAI-based (high-confidence)			
TF11_6wk_k141_189853	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF10_BL_k141_6998	0.927	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF10_6wk_k141_12732	0.96	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Blautia obeum
TF10_26wk_k141_34775	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Dorea formicigenerans
TF10_12wk_k141_105830	1	dsDNA	No	Complete	100	High-quality draft genome	TTR (high-confidence)	Podoviridae	Actinobacteria	Bifidobacterium pseudocatenulatum
TF09_6WK_k141_44928	1	dsDNA	No	High-quality	98.5	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF09_6WK_k141_33108	0.953	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF09_6WK_k141_151028	1	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF09_6WK_k141_179770	0.987	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF09_6WK_k141_197621	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF08_BL_k141_106168	1	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF08_BL_k141_107198	0.993	dsDNA	No	High-quality	99.5	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF08_6wk_k141_22027	0.993	dsDNA	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF07_26wk_k141_60620	0.887	dsDNA	No	High-quality	99.29	High-quality draft genome	AAI-based (medium-confidence)		Firmicutes	Ruminococcus bromii
TF07_26wk_k141_172533	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF06_12wk_k141_138425	1	dsDNA	No	High-quality	93.01	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Staphylococcus epidermidis
TF06_12wk_k141_223411	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TF06_12wk_k141_64301	1	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae	Firmicutes	Ruminococcus bromii
TF05_BL_k141_23701	0.993	dsDNA	No	High-quality	91.88	High-quality draft genome	AAI-based (high-confidence)	Podoviridae		
TF05_12wk_k141_99670	0.993	dsDNA	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Firmicutes	Blautia obeum

UViG	VirSorter2 score	Predicted genome type	Provirus	Completeness quality	Completeness (%)	Assembly quality	Completeness approach	Family	Host phylum	Host species
TF04_BL_k141_120155	0.987	dsDNAphage	No	High-quality	92.6	High-quality draft genome	AAI-based (high-confidence)			
TF04_BL_k141_49760	1	dsDNAphage	No	High-quality	93.47	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF04_BL_k141_17732	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_52388	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF04_BL_k141_170090	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF03_6wk_k141_69214	1	dsDNAphage	No	High-quality	93.21	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF03_26wk_k141_44390	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF03_26wk_k141_296978	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)		Actinobacteria	Bifidobacterium longum
TF03_26wk_k141_165433	0.893	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF02_BL_k141_182005	0.987	dsDNAphage	No	High-quality	90.44	High-quality draft genome	AAI-based (high-confidence)			
TF02_6wk_k141_53938	1	dsDNAphage	No	High-quality	94.75	High-quality draft genome	AAI-based (high-confidence)			
TF01_BL_k141_26495	0.987	dsDNAphage	No	High-quality	94.77	High-quality draft genome	AAI-based (high-confidence)	Siphoviridae		
TF01_BL_k141_84458	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF01_6wk_k141_186464	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
TF01_12wk_k141_22742	1	dsDNAphage	No	High-quality	91.59	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
DM08_D5_k141_143815	1	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM08_D2_k141_182366	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM08_D1_k141_116917	1	dsDNAphage	No	High-quality	90.04	High-quality draft genome	AAI-based (high-confidence)			
DM07_D6_k141_181298	1	dsDNAphage	No	High-quality	94.87	High-quality draft genome	AAI-based (high-confidence)			
DM07_D3_k141_218728	0.993	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DM07_D2_k141_21788	1	dsDNAphage	No	High-quality	96.17	High-quality draft genome	AAI-based (high-confidence)	Crass_like		
DM07_D2_k141_190278	0.987	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM05_D1_k141_93639	0.747	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
DM05_D1_k141_34991	0.92	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM03_D6_k141_71870	1	dsDNAphage	No	High-quality	99.36	High-quality draft genome	AAI-based (high-confidence)			
DM03_D6_k141_130918	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DM03_D1_k141_40827	0.813	dsDNAphage	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
DF17_D9_k141_160210	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Microviridae		
DF17_D9_k141_160260	1	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF17_D8_k141_15289	0.687	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF17_D7_k141_161441	0.987	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF16_D7_k141_68837	0.587	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Circoviridae		
DF16_D6_k141_173953	0.86	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Circoviridae		
DF14_D9_k141_30325	0.993	dsDNAphage	No	High-quality	90.04	High-quality draft genome	AAI-based (high-confidence)			
DF14_D8_k141_126097	0.893	ssDNA	No	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DF14_D7_k141_156058	0.933	dsDNAphage	No	High-quality	97.9	High-quality draft genome	AAI-based (high-confidence)			
DF14_D7_k141_29281	0.938	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)	Siphoviridae		
TM24_BL_k141_226221	0.827	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
FM16_6WK_k141_244986	0.84	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (medium-confidence)			
TM15_6wk_k141_100939	0.853	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TM14_12wk_k141_111444	0.56	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
FM13_26wk_k141_215705	0.947	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF43_12wk_k141_135518	0.527	dsDNAphage	No	High-quality	99.72	High-quality draft genome	AAI-based (medium-confidence)			
TF42_26wk_k141_222356	0.66	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
TF17_26wk_k141_22992	0.873	ssDNA	No	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF05_26wk_k141_64923	0.52	dsDNAphage	No	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM29_BL_k141_27404	0.66	dsDNAphage	No	Complete	100	High-quality draft genome	DTR (high-confidence)			
DF12_D4_k141_19442	0.94	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DF16_D5_k141_31488	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
DM07_D2_k141_203513	0.913	ssDNA	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
DM08_D5_k141_107386	0.933	ssDNA	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF02_6wk_k141_180773	0.913	ssDNA	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			
TF03_6wk_k141_178762	0.94	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF10_BL_k141_167042	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF14_BL_k141_145060	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Myoviridae		
TF16_12wk_k141_46692	0.993	dsDNAphage	Yes	High-quality	96.16	High-quality draft genome	AAI-based (high-confidence)			
TF19_BL_k141_3399	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF20_26wk_k141_213384	0.927	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF21_BL_k141_2517	0.64	dsDNAphage	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)	Circoviridae		
TF25_26wk_k141_49146	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF25_6WK_k141_132125	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Proteobacteria	Escherichia coli	
TF29_6WK_k141_191250	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF29_BL_k141_53177	0.98	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF30_BL_k141_117602	0.993	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TF33_BL_k141_20531	0.92	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF34_26wk_k141_91691	0.993	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)	Myoviridae	Firmicutes	Anaerostipes hadrus
TF36_12wk_k141_57272	0.987	dsDNAphage	Yes	High-quality	96.54	High-quality draft genome	AAI-based (high-confidence)	Myoviridae	Firmicutes	Faecalibacterium prausnitzii
TF37_BL_k141_91034	0.56	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)			
TF41_6wk_k141_92433	0.82	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)	Microviridae		
TF44_BL_k141_13693	0.993	dsDNAphage	Yes	High-quality	91.78	High-quality draft genome	AAI-based (high-confidence)			
TF45_12wk_k141_97145	0.987	dsDNAphage	Yes	Complete	100	High-quality draft genome	Provirus (medium-confidence)		Firmicutes	Hungatella hathewayi
TF48_BL_k141_71125	0.98	dsDNAphage	Yes	High-quality	98.02	High-quality draft genome	AAI-based (high-confidence)			
TF50_6wk_k141_162815	0.973	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Ruminococcus bromii
TF51_6wk_k141_110554	1	dsDNAphage	Yes	High-quality	98.75	High-quality draft genome	AAI-based (high-confidence)		Firmicutes	Coproccoccus catus
TF51_BL_k141_18208	1	dsDNAphage	Yes	High-quality	96.66	High-quality draft genome	AAI-based (high-confidence)			
TM07_26wk_k141_179554	1	dsDNAphage	Yes	High-quality	93.94	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		Prevotella bivia
TM07_BL_k141_202197	1	dsDNAphage	Yes	High-quality	93.98	High-quality draft genome	AAI-based (high-confidence)	Bacteroidetes		Prevotella bivia
TM10_26wk_k141_126582	0.993	dsDNAphage	Yes	High-quality	92.29	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		Roseburia intestinalis
TM23_26wk_k141_8253	1	dsDNAphage	Yes	High-quality	95.07	High-quality draft genome	AAI-based (high-confidence)	Firmicutes		Coproccoccus catus
TM27_26wk_k141_29921	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (high-confidence)			
TM35_BL_k141_169923	1	dsDNAphage	Yes	High-quality	100	High-quality draft genome	AAI-based (medium-confidence)	Firmicutes		Anaerobutyrium hallii
TM39_BL_k141_47331	0.947	dsDNAphage	Yes	High-quality	100	High-quality draft genome	HMM-based (lower-bound)			