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# Complete genomes of 568 diverse *Klebsiella pneumoniae* species complex isolates from humans, animals and marine sources in Norway from 2001-2020

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## Keywords

*Klebsiella pneumoniae*, hybrid assembly, ONT, Illumina, One Health

## Abstract

We report 579 hybrid genome assemblies (568 complete) of *Klebsiella pneumoniae* species complex isolates from human, animal and marine sources in Norway collected 2001-2020, belonging to five phylogroups including *K. pneumoniae* (n=493) and *K. variicola* (n=69) and 364 unique sequence types.

## Main

*Klebsiella pneumoniae* species complex are opportunistic pathogens that can transmit between humans, animals and the environment<sup>1</sup>. Here, we report hybrid genome assemblies of 579 (568 complete) genetically diverse isolates from human, animal and marine sources (Figure 1).

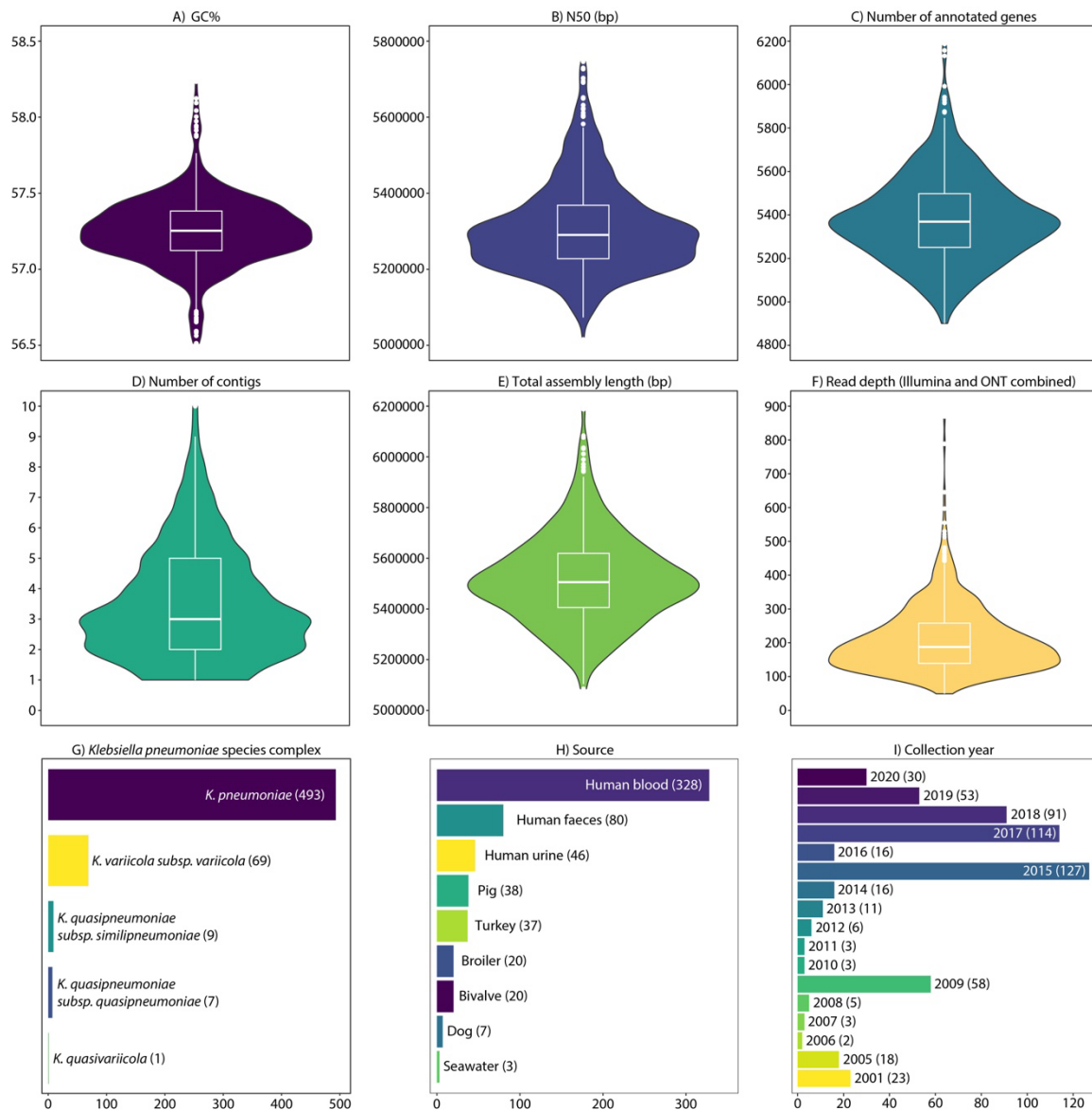
The isolates were sampled as described previously<sup>2-10</sup>. They were cultivated on blood agar plates and incubated overnight at 35°C. For short-read sequencing, DNA was isolated and purified using the MagNA Pure 96 DNA and Viral NA Small Volume Kit on the MagNA Pure 96 System (Roche Diagnostics, Rotkreutz, Switzerland). Libraries were prepared with Illumina DNA prep or Nextera XT DNA Library preparation kits. Sequencing was performed on the Illumina MiSeq (Illumina Inc, San Diego, USA), using MiSeq Reagents kit v2 or v3 sequencing chemistry, generating 2x150 bp, 2x250 bp or 2x300 bp paired-end reads. Twelve isolates were sequenced on the Illumina HiSeq 2500, generating 2x125 bp paired-end reads. The FASTQ files were quality-filtered with trimgalore v0.6.7 (<https://github.com/FelixKrueger/TrimGalore>). For long-read sequencing, DNA was extracted using the GenFind V3 reagent kit with the Bacteria protocol (Beckman Coulter Life sciences, Indianapolis, USA). Library preparation was performed with the ligation (SQK-LSK-109) or rapid (SQK-RBK114-24) kits (Oxford Nanopore Technologies [ONT], Oxford, UK). DNA libraries were then loaded onto R9.4.1 (n=533) or R10.4.1 (n=46) MinION flow cells and sequenced on the ONT GridION, aiming for  $\geq 100X$  average read depth. The fast5 files were basecalled with Guppy v6.4.2+97a7f06, using the super-accurate basecalling model. The FASTQ files were subsampled with Filtlong v0.2.1 (<https://github.com/rrwick/Filtlong>), discarding reads shorter than 1 kbp and removing the 5% lowest quality reads.

We performed both long-read-first (Flye v2.9-b1768<sup>11</sup>) and short-read-first (Unicycler v0.5.0<sup>12</sup>) hybrid assembly. Flye does not assemble small plasmids (<10 kbp) as well as Unicycler<sup>13</sup>. However, Unicycler employs a contamination filter which can exclude low-copy-number plasmids. We therefore used both approaches to maximise plasmid recovery. Using clinopore-nf v1.1 (<https://github.com/HughCottingham/clinopore-nf>), the genomes were assembled with Flye and polished with Medaka v1.5.0 (<https://github.com/nanoporetech/medaka>), Polypolish v0.5.0<sup>14</sup> and POLCA v4.0.5<sup>15</sup>. The same genomes were assembled with Unicycler, using SPAdes v3.15.4<sup>16</sup>, and polished using the same tools. Trycycler v0.5.3<sup>17</sup> was used to cluster plasmid contigs (<1 Mbp) from the two assemblers by a mash distance of  $\leq 0.01$ . If a plasmid was found by both assemblers, both were closed and of similar length, we kept the one from Flye; if a plasmid was found by only one assembler, we kept it. All plasmids were rotated with Circlator v1.5.5<sup>18</sup>.

Default parameters were used for all methods except where otherwise noted. Assembly quality was assessed with fast\_count (<https://github.com/rrwick/MinION-desktop>), FastQC v0.11.9 (<https://www.bioinformatics.babraham.ac.uk/projects/fastqc/>), Quast v5.2.0<sup>19</sup> and Kleborate v2.4.1<sup>20</sup> (Figure 1 and Table S1). The replicons of 568 genomes were fully closed (circularised or linear), the remaining 11 had unclosed plasmids and 3 also unclosed chromosomes. There were 2,010 contigs in total, of which 579 were chromosomal (576 were closed) and 1,431 were plasmid sequences (1,418 were circularised, one was linear, and 12 were not closed). The genomes were annotated using NCBI's prokaryotic assembly pipeline.

## Data availability

The genomes have been deposited under the umbrella BioProject: [PRJEB74192](https://www.ncbi.nlm.nih.gov/bioproject/PRJEB74192). Sequencing details, metadata, and accession numbers for the hybrid assemblies, Illumina and ONT reads are listed in Table S1.



**Figure 1. Quality metrics and metadata of the 579 (568 complete) hybrid-assembled *Klebsiella pneumoniae* species complex (KpSC) genomes.** Showing the distributions of **A)** GC%, **B)** N50, **C)** Number of annotated genes, **D)** Number of contigs, **E)** Total assembly length, **F)** Average read depth per genome, **G)** KpSC species, **H)** source type and **I)** year of collection.

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## Conflict of interest

The authors declare that there is no conflict of interest.

## Author contributions

Marit A K Hetland (<https://orcid.org/0000-0003-4247-8304>): Conceptualisation, Methodology, Software, Formal analysis, Data Curation, Visualisation, Funding, Writing - Original Draft, Writing – Review & Editing

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Table S1. Genome quality and metadata.

Strain	Total length (Mbp)	GC%	No. contigs *	Illumina read depth	ONT read depth	Phyl ogro up **	SL	ST	Collectio n year	Host	Source	Infection status	BioSample accession	GenBank accession	Illumina read accession	ONT read accession	No. annotate d genes	Illumina sequencer (kits)	ONT Flow cell (kit)
2018-01-2353	5.46	57.43	3	96.93	116.56	Kp1	SL11172	ST4386	2018	Broiler	caecal	colonisation	SAMEA8399304	CP153558-CP153560	ERR5530435	ERR13600276	5373	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2734	5.50	57.27	3	100.97	112.56	Kp1	SL11217	ST4719	2018	Broiler	caecal	colonisation	SAMEA8399335	CP153539-CP153541	ERR5530492	ERR13600280	5388	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2782	5.25	57.43	1	81.21	90.70	Kp1	SL290	ST290	2018	Broiler	caecal	colonisation	SAMEA8399337	CP153538	ERR5530493	ERR13600281	5083	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-3723	5.54	57.17	2	45.08	73.21	Kp1	SL661	ST4106	2018	Broiler	caecal	colonisation	SAMEA8399398	CP153511-CP153512	ERR5530450	ERR13600287	5405	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-389	5.33	57.48	1	106.00	89.55	Kp1	SL35	ST35	2018	Broiler	caecal	colonisation	SAMEA8399414	CP153510	ERR5530396	ERR13600288	5091	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-4203	5.24	57.53	1	67.49	52.38	Kp1	SL10066	ST2439	2018	Broiler	caecal	colonisation	SAMEA8399433	CP153502	ERR5530457	ERR13600290	5060	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-4639	5.75	56.70	4	71.54	129.40	Kp1	SL463	ST463	2018	Broiler	caecal	colonisation	SAMEA8399445	CP153498-CP153501	ERR5530474	ERR13600291	5597	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-710	5.26	57.33	4	92.35	151.51	Kp1	SL10868	ST590	2018	Broiler	caecal	colonisation	SAMEA8399471	CP153482-CP153485	ERR5530448	ERR13600294	5133	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-711	5.23	57.61	5	96.91	85.35	Kp1	SL11049	ST776	2018	Broiler	caecal	colonisation	SAMEA8399472	CP153477-CP153481	ERR5530423	ERR13600295	5036	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-714	5.33	57.19	2	103.01	67.23	Kp1	SL17	ST636	2018	Broiler	caecal	colonisation	SAMEA8399473	CP153475-CP153476	ERR5530509	ERR13600296	5139	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2018-04-44577	5.17	57.57	3	65.98	63.94	Kp1	SL200	ST200	2018	Broiler	spleen	infection	SAMEA115162996	CP154463-CP154465	ERR12791267	ERR13600322	5028	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2318-1	5.53	57.01	2	64.69	86.97	Kp1	SL3020	ST3020	2020	Broiler	caecal	colonisation	SAMN32676066	CP153718-CP153719	SRR23048652	ERR13600332	5446	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2846-1	5.40	57.31	1	130.26	103.42	Kp1	SL10139	ST46	2020	Broiler	caecal	colonisation	SAMN32676088	CP153701	SRR23048628	ERR13600339	5293	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3513-1	5.35	57.42	1	70.82	147.67	Kp1	SL37	ST37	2020	Broiler	caecal	colonisation	SAMN32676116	CP153689	SRR23048597	ERR13600343	5246	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3514	5.35	57.29	1	108.18	81.89	Kp1	SL2513	ST2513	2020	Broiler	caecal	colonisation	SAMN32676117	CP153688	SRR23048596	ERR13600344	5185	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3515	5.52	56.94	2	43.57	97.36	Kp1	SL10870	ST3175	2020	Broiler	caecal	colonisation	SAMN32676118	CP153686-CP153687	SRR23048595	ERR13600345	5383	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-4188-1	5.23	57.45	1	90.67	127.30	Kp1	SL292	ST292	2020	Broiler	caecal	colonisation	SAMN32676136	CP153680	SRR23048575	ERR13600348	5087	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-4327	5.31	57.49	1	47.55	145.41	Kp1	SL10334	ST5841	2020	Broiler	caecal	colonisation	SAMN32676144	CP153674	SRR23048567	ERR13600350	5144	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-468-1	5.54	57.07	4	118.27	148.72	Kp1	SL37	ST394	2020	Broiler	caecal	colonisation	SAMN32676150	CP153670-CP153673	SRR23048673	ERR13600351	5455	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KGMAR-2016-319	5.49	57.34	2	84.38	45.55	Kp1	SL10077	ST556	2016	C. gigas		unknown	SAMN13382562	CP085101-CP085102	SRR18543896	ERR13600305	5349	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGMAR-2020-314	6.08	56.56	10 (1)	41.81	152.80	Kp1	SL3010	ST3041	2020	C. gigas		unknown	SAMN17766502	CP144893-CP144902	SRR18543853	ERR13600318	6132	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2018-01-3794	5.27	57.61	1	77.02	97.26	Kp1	SL10176	ST148	2018	Dog	lung	infection	SAMEA115162995	CP154466	ERR12791266	ERR13600321	5115	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2019-01-2264	5.25	57.44	1	85.82	88.41	Kp1	SAMEA114492489	ST458	2019	Dog	faecal	colonisation	CP154462	ERR12132087	ERR13600323	5033	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGVT-2019-01-3472-4	5.22	57.43	4	90.98	205.20	Kp1	SL10871	ST5824	2019	Dog	faecal	infection	SAMEA115162997	CP154458-CP154461	ERR12791268	ERR13600324	5100	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2019-01-3619	5.69	57.02	8	101.92	240.75	Kp1	SL34	ST5825	2019	Dog	faecal	infection	SAMEA115374738	CP154480-CP154487	ERR12867068	ERR13600325	5600	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
KGVT-2020-01-1661	5.69	56.99	4	56.34	212.75	Kp1	SL1583	ST1583	2020	Dog	ear	infection	SAMEA115162998	CP154449-CP154452	ERR12791270	ERR13600328	5609	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2019-01-4848	5.62	56.94	5	68.45	77.25	Kp1	SL37	ST727	2019	Dog	skin	infection	SAMEA115163001	CP154475-CP154479	ERR12865917	ERR13600374	5498	Illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1032	5.69	57.08	5	72.19	180.01	Kp1	SL420	ST420	2005	Human	blood	infection	SAMEA8948184	CP152518-CP152522	ERR6293473	ERR13600380	5597	Illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 110772	5.42	57.33	3	32.90	92.07	Kp1	SL846	ST2459	2015	Human	blood	infection	SAMEA8948730	CP152515-CP152517	ERR6293491	ERR13600381	5242	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 115588	5.45	57.40	3	40.66	57.29	Kp1	SL25	ST25	2015	Human	blood	infection	SAMEA8948740	CP152512-CP152514	ERR6293494	ERR13600382	5278	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112590	5.44	57.29	2	46.76	47.71	Kp1	SL34	ST643	2015	Human	blood	infection	SAMEA8948756	CP131468-CP131469	ERR6293512	ERR13600384	5374	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112596	5.45	57.32	4	45.58	91.35	Kp1	SL1626	ST485	2015	Human	blood	infection	SAMEA8948757	CP152508-CP152511	ERR6293513	ERR13600385	5320	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112603	5.59	57.32	3	39.92	198.78	Kp1	SL10	ST10	2015	Human	blood	infection	SAMEA8948759	CP152505-CP152507	ERR6293515	ERR13600386	5537	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112904	5.64	57.16	5	43.49	150.10	Kp1	SL3010	ST253	2015	Human	blood	infection	SAMEA8948761	CP152500-CP152504	ERR6293517	ERR13600387	5619	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112908	5.47	57.17	2	43.24	143.05	Kp1	SL1630	ST1630	2015	Human	blood	infection	SAMEA8948762	CP152498-CP152499	ERR6293518	ERR13600388	5207	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112916	5.52	57.22	4	56.82	54.00	Kp1	SL33	ST33	2015	Human	blood	infection	SAMEA8948765	CP153834-CP153837	ERR6293521	ERR13600390	5462	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112922	5.65	57.01	6	50.80	160.87	Kp1	SL34	ST643	2015	Human	blood	infection	SAMEA8948767	CP153828-CP153833	ERR6293523	ERR13600391	5576	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 112925	5.42	57.28	2	34.48	96.53	Kp1	SL180	ST180	2015	Human	blood	infection	SAMEA8948768	CP153826-CP153827	ERR6293524	ERR13600392	5236	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 113315	5.70	57.05	3	57.85	6.86	Kp1	SL23	ST23-1LV	2015	Human	blood	infection	SAMEA8948777	CP153823-CP153825	ERR6293531	ERR13600393	5476	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 113321	5.43	57.22	2	27.54	165.35	Kp1	SL17	ST20	2015	Human	blood	infection	SAMEA8948778	CP153821-CP153822	ERR6293532	ERR13600394	5281	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 113888	5.56	57.17	7	48.05	88.62	Kp1	SL37	ST37	2015	Human	blood	infection	SAMEA8948794	CP153809-CP153815	ERR6293546	ERR13600396	5495	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 114458	5.59	57.16	4	81.81	157.73	Kp1	SL15	ST15	2015	Human	blood	infection	SAMEA8948830	CP153801-CP153804	ERR6293580	ERR13600399	5396	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 114487	5.54	57.21	2	62.01	80.05	Kp1	SL101	ST101	2015	Human	blood	infection	SAMEA8948839	CP153392-CP153393	ERR6293589	ERR13600402	5415	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 114603	5.28	57.43	2	44.98	39.35	Kp1	SL34	ST592	2015	Human	blood	infection	SAMEA8948842	CP153787-CP153788	ERR6293592	ERR13600403	5149	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 115332	5.32	57.45	1	63.10	192.35	Kp1	SL37	ST37	2015	Human	blood	infection	SAMEA8948851	CP153786	ERR6293600	ERR13600404	5176	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 115351	5.64	57.02	3	76.10	49.21	Kp1	SL17	ST20	2015	Human	blood	infection	SAMEA8948855	CP153783-CP153785	ERR6293604	ERR13600405	5509	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM BLD 115369	5.45	57.35	3	42.77	239.70	Kp1	SL37	ST37	2015	Human	blood	infection	SAMEA8948859	CP153780-CP153782	ERR6293608	ERR13600406	5328	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 115796	5.47	57.28	4	36.04	34.60	Kp1	SL11174	ST4024	2015	Human	blood	infection	SAMEA8948884	CP153772-CP153775	ERR6293632	ERR13600408	5337	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 116239	5.32	57.50	1	35.78	130.29	Kp1	SL37	ST37	2015	Human	blood	infection	SAMEA8948902	CP153771	ERR6293650	ERR13600409	5205	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 116241	5.33	57.56	1	46.18	56.46	Kp1	SL11502	ST4252	2015	Human	blood	infection	SAMEA8948903	CP154246	ERR6293651	ERR13600410	5148	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 116378	5.22	57.57	1	45.17	53.40	Kp1	SL11152	ST4283	2015	Human	blood	infection	SAMEA8948920	CP154245	ERR6293666	ERR13600411	5022	Illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 116392	5.26	57.53	3																

KP NORM BLD 13375	5.57	57.07	6	105.20	158.63	Kp1	SL15	ST15	2001	Human	blood	infection	SAMEA8948324	CP154214-CP154219	ERR6293754	ERR13600423	5406	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13379	5.73	57.22	4	67.70	207.58	Kp1	SL10	ST10	2001	Human	blood	infection	SAMEA8948328	CP154209-CP154212	ERR6293758	ERR13600425	5704	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13380	5.73	57.13	6	79.75	111.02	Kp1	SL76	ST4327	2001	Human	blood	infection	SAMEA8948329	CP154203-CP154208	ERR6293759	ERR13600426	5674	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13382	5.43	57.37	5	27.56	57.25	Kp1	SL3010	ST26	2001	Human	blood	infection	SAMEA8948331	CP154198-CP154202	ERR6293761	ERR13600427	5350	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13383	5.38	57.49	1	84.39	183.14	Kp1	SL3370	ST3370	2001	Human	blood	infection	SAMEA8948332	CP154197	ERR6293762	ERR13600428	5188	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1347	5.41	57.44	2	54.54	223.17	Kp1	SL11065	ST4228	2005	Human	blood	infection	SAMEA8948203	CP154194-CP154195	ERR6293771	ERR13600430	5237	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13534	5.53	57.22	5	55.30	89.25	Kp1	SL1082	ST129	2001	Human	blood	infection	SAMEA8948337	CP154186-CP154190	ERR6293774	ERR13600432	5413	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13738	5.54	57.16	7	62.73	127.33	Kp1	SL27	ST27	2001	Human	blood	infection	SAMEA8948345	CP154179-CP154185	ERR6293784	ERR13600433	5495	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13748	5.65	57.10	9	15.37	128.01	Kp1	SL6	ST299	2001	Human	blood	infection	SAMEA8948351	CP154170-CP154178	ERR6293790	ERR13600434	5534	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13880	5.79	57.00	5	42.08	183.87	Kp1	SL453	ST453	2001	Human	blood	infection	SAMEA8948358	CP154161-CP154165	ERR6293797	ERR13600436	5743	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13889	5.36	57.32	6	66.77	110.14	Kp1	SL416	ST416	2001	Human	blood	infection	SAMEA8948364	CP154153-CP154158	ERR6293803	ERR13600438	5234	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 14177	5.47	57.29	5	20.94	147.74	Kp1	SL3010	ST253	2001	Human	blood	infection	SAMEA8948389	CP154144-CP154148	ERR6293828	ERR13600440	5408	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 14179	5.41	57.21	3	30.98	118.63	Kp1	SL359	ST359	2001	Human	blood	infection	SAMEA8948391	CP154141-CP154143	ERR6293830	ERR13600441	5329	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM BLD 14222	5.46	57.27	4	35.00	155.85	Kp1	SL30	ST30	2001	Human	blood	infection	SAMEA8948393	CP154137-CP154140	ERR6293832	ERR13600442	5311	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1692	5.21	57.53	1	61.24	126.67	Kp1	SL10375	ST2344	2005	Human	blood	infection	SAMEA8948219	CP154136	ERR6293845	ERR13600443	5045	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1883	5.81	56.66	5	71.46	128.83	Kp1	SL3010	ST163	2005	Human	blood	infection	SAMEA8948228	CP154131-CP154135	ERR6293854	ERR13600444	5690	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2005 1167	5.74	56.93	6	51.19	297.94	Kp1	SL35	ST35	2005	Human	blood	infection	SAMEA8948196	CP154125-CP154130	ERR6293858	ERR13600445	5568	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2006 36504	5.59	57.15	4	51.55	269.56	Kp1	SL22	ST22	2006	Human	blood	infection	SAMEA8948395	CP154121-CP154124	ERR6293859	ERR13600446	5476	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2006 37102	5.47	57.33	4	32.74	283.62	Kp1	SL874	ST874	2006	Human	blood	infection	SAMEA8948396	CP153382-CP153385	ERR6293860	ERR13600447	5405	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 2007 46666	5.50	57.38	3	137.20	226.39	Kp1	SL10971	ST2946	2007	Human	blood	infection	SAMEA8948397	CP154118-CP154120	ERR6293861	ERR13600448	5341	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2007 48102	5.63	57.19	3	65.73	10.56	Kp1	SL45	ST45	2007	Human	blood	infection	SAMEA115163002	CP153379-CP153381	ERR12791273	ERR13600449	5505	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2007 48114	5.32	57.45	1	35.21	97.81	Kp1	SL111	ST111	2007	Human	blood	infection	SAMEA115163003	CP153378	ERR12791274	ERR13600450	5204	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2008 54367	5.57	57.14	6	90.00	388.93	Kp1	SL231	ST231	2008	Human	blood	infection	SAMEA8948402	CP154112-CP154117	ERR6293866	ERR13600451	5477	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2008 54823	5.76	57.08	5	99.20	116.05	Kp1	SL258	ST258	2008	Human	blood	infection	SAMEA115163004	CP153373-CP153377	ERR12791275	ERR13600452	5748	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2008 54824	5.51	57.33	2	77.31	236.74	Kp1	SL397	ST397	2008	Human	blood	infection	SAMEA115374654	CP153371-CP153372	ERR12867069	ERR13600453	5379	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 2008 55014	5.58	56.99	4	86.81	122.52	Kp1	SL10194	ST753	2008	Human	blood	infection	SAMEA8948403	CP154108-CP154111	ERR6293867	ERR13600454	5415	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2008 55153	5.64	56.99	4	77.78	223.54	Kp1	SL27	ST27	2008	Human	blood	infection	SAMEA8948404	CP154104-CP154107	ERR6293868	ERR13600455	5560	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 61298	5.38	57.40	2	69.18	83.88	Kp1	SL14	ST14	2009	Human	blood	infection	SAMEA8948470	CP154102-CP154103	ERR6293871	ERR13600456	5202	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 61895	5.65	56.98	7	113.99	118.58	Kp1	SL15	ST15	2009	Human	blood	infection	SAMEA5063293	CP154095-CP154101	ERR2866466	ERR13600457	5480	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 62172	5.74	56.99	4	92.78	189.13	Kp1	SL231	ST2947	2009	Human	blood	infection	SAMEA8948510	CP154091-CP154094	ERR6293874	ERR13600458	5654	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 62777	5.38	57.40	2	82.34	102.18	Kp1	SL231	ST14	2009	Human	blood	infection	SAMEA8948556	CP154089-CP154090	ERR6293876	ERR13600459	5200	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 63475	5.95	56.94	6	62.70	273.76	Kp1	SL35	ST35	2009	Human	blood	infection	SAMEA8948585	CP154083-CP154088	ERR6293878	ERR13600460	5839	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2009 63807	5.45	57.25	4	48.59	157.84	Kp1	SL17	ST336	2009	Human	blood	infection	SAMEA8948592	CP154079-CP154082	ERR6293881	ERR13600461	5368	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2010 70236	5.52	57.23	3	73.07	115.72	Kp1	SL70	ST70	2010	Human	blood	infection	SAMEA8948610	CP154076-CP154078	ERR6293882	ERR13600462	5392	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM BLD 2010 70364	5.50	57.35	4	82.43	215.30	Kp1	SL10972	ST2949	2010	Human	blood	infection	SAMEA8948611	CP154072-CP154075	ERR6293883	ERR13600463	5426	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2010 71621	5.57	57.30	6	62.62	110.69	Kp1	SL258	ST2948	2010	Human	blood	infection	SAMEA8602826	CP073791-CP073796	ERR5757359	ERR13600464	5498	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2011 74838	5.51	57.22	4	73.42	173.41	Kp1	SL383	ST110	2011	Human	blood	infection	SAMEA8948626	CP153367-CP153370	ERR6293898	ERR13600465	5411	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 2011 75117	5.90	56.96	4	70.65	140.01	Kp1	SL45	ST45	2011	Human	blood	infection	SAMEA8948630	CP154068-CP154071	ERR6293902	ERR13600466	5797	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2011 75461	5.68	56.84	5	107.60	105.57	Kp1	SL37	ST37	2011	Human	blood	infection	SAMEA8948633	CP154063-CP154067	ERR6293905	ERR13600467	5612	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2012 85054	5.53	57.29	3	51.18	88.71	Kp1	SL307	ST307	2012	Human	blood	infection	SAMEA4724625	CP073627-CP073629	ERR2631532	ERR13600468	5353	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2012 85408	5.52	57.27	6	148.34	64.17	Kp1	SL258	ST340	2012	Human	blood	infection	SAMEA9972033	CP154057-CP154062	ERR6847224	ERR13600469	5464	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2012 86925	5.37	57.35	2	93.18	147.14	Kp1	SL10395	ST904	2012	Human	blood	infection	SAMEA8948655	CP154055-CP154056	ERR6293918	ERR13600470	5187	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2012 86962	5.50	57.25	2	86.53	151.30	Kp1	SL70	ST70	2012	Human	blood	infection	SAMEA8948657	CP154053-CP154054	ERR6293920	ERR13600471	5372	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2013 88977	5.59	57.18	4	57.49	89.45	Kp1	SL258	ST258	2013	Human	blood	infection	SAMEA9972036	CP154049-CP154052	ERR6847227	ERR13600472	5557	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2013 90851	5.40	57.42	4	51.11	148.30	Kp1	SL427	ST2943	2013	Human	blood	infection	SAMEA8948660	CP154045-CP154048	ERR6293923	ERR13600473	5238	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2013 91198	5.54	57.18	3	43.20	129.10	Kp1	SL231	ST2947	2013	Human	blood	infection	SAMEA8948662	CP154042-CP154044	ERR6293925	ERR13600474	5412	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2013 91444	5.63	57.16	5	85.66	109.93	Kp1	SL258	ST340	2013	Human	blood	infection	SAMEA8948664	CP154037-CP154041	ERR6293927	ERR13600475	5588	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2013 92320	5.58	57.20	3 (1)	61.65	121.58	Kp1	SL10147	ST2552	2013	Human	blood	infection	SAMEA8948666	CP153364-CP153366	ERR6293929	ERR13600476	5403	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 2013 92328	5.59	57.13	5	72.43	83.86	Kp1	SL6	ST950	2013	Human	blood	infection	SAMEA8948669	CP154032-CP154036	ERR6293931	ERR13600477	5481	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2014 100833	5.67	57.12	5	401.02	244.30	Kp1	SL258	ST340	2014	Human	blood	infection	SAMEA8948698	CP154027-CP154031	ERR6293936	ERR13600478	5617	illumina HiSeq 2500 (HiSeq High-Output + 2x125 bp)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2014 100848	5.51	57.32	2	88.60	120.39	Kp1	SL307	ST307	2014	Human	blood	infection	SAMEA4724627	CP154025-CP154026	ERR2631534	ERR13600479	5321	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2014 101325	5.51	57.23	2	227.54	46.54	Kp1	SL307	ST307	2014	Human	blood	infection	SAMEA4724630	CP154023-CP154024	ERR2631537	ERR13600480	5343	illum	

KP NORM BLD 228	5.15	57.61	1	99.10	122.97	Kp1	SL76	ST76	2005	Human	blood	infection	SAMEA8948156	CP153732	ERR6293970	ERR13600494	4980	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 231	5.48	57.21	5	91.62	123.27	Kp1	SL416	ST416	2005	Human	blood	infection	SAMEA8948158	CP154018-CP154022	ERR6293972	ERR13600495	5365	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2395	5.47	57.21	2	85.63	189.06	Kp1	SL107	ST107	2005	Human	blood	infection	SAMEA8948241	CP154016-CP154017	ERR6293974	ERR13600496	5330	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2497	5.41	57.34	3	44.11	171.83	Kp1	SL870	ST870	2005	Human	blood	infection	SAMEA8948250	CP154013-CP154015	ERR6293983	ERR13600497	5251	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2508	5.30	57.49	3	42.80	104.86	Kp1	SL10300	ST2108	2005	Human	blood	infection	SAMEA8948256	CP154010-CP154012	ERR6293989	ERR13600498	5145	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 2799	5.54	57.18	2	52.83	118.38	Kp1	SL35	ST35	2005	Human	blood	infection	SAMEA8948264	CP154008-CP154009	ERR6293997	ERR13600499	5364	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM BLD 3074	5.62	57.15	4	69.18	88.94	Kp1	SL134	ST134	2005	Human	blood	infection	SAMEA8948270	CP154004-CP154007	ERR6294003	ERR13600500	5502	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 60429	5.85	56.94	7	42.63	85.94	Kp1	SL3010	ST163	2009	Human	blood	infection	SAMEA8948414	CP153357-CP153363	ERR6294034	ERR13600501	5833	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 60723	5.44	57.21	3	62.79	122.83	Kp1	SL11107	ST4334	2009	Human	blood	infection	SAMEA8948430	CP153998-CP154000	ERR6294050	ERR13600503	5347	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 60874	5.37	57.44	2	62.72	233.91	Kp1	SL10874	ST3048	2009	Human	blood	infection	SAMEA8948439	CP153993-CP153994	ERR6294059	ERR13600506	5190	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61295	5.50	57.38	2	57.70	215.16	Kp1	SL323	ST323	2009	Human	blood	infection	SAMEA8948468	CP153988-CP153989	ERR6294087	ERR13600508	5346	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61439	5.80	57.00	3	83.24	44.94	Kp1	SL461	ST461	2009	Human	blood	infection	SAMEA8948474	CP153985-CP153987	ERR6294092	ERR13600509	5694	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61459	5.42	57.33	2	102.15	154.56	Kp1	SL38	ST776	2009	Human	blood	infection	SAMEA8948481	CP153982-CP153983	ERR6294099	ERR13600511	5231	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61894	5.63	57.38	3	35.94	68.57	Kp1	SL12	ST876	2009	Human	blood	infection	SAMEA8948500	CP153978-CP153980	ERR6294117	ERR13600513	5527	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62164	5.24	57.55	3	70.93	247.45	Kp1	SL43	ST43	2009	Human	blood	infection	SAMEA8948506	CP153975-CP153977	ERR6294124	ERR13600514	5064	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62202	5.32	57.34	4	74.94	85.06	Kp1	SL1035	ST1035	2009	Human	blood	infection	SAMEA8948518	CP153971-CP153974	ERR6294136	ERR13600515	5169	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62504	5.47	57.05	5	84.06	315.55	Kp1	SL359	ST359	2009	Human	blood	infection	SAMEA8948538	CP153964-CP153968	ERR6294157	ERR13600517	5357	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62638	5.38	57.40	2	46.22	119.33	Kp1	SL432	ST432	2009	Human	blood	infection	SAMEA8948543	CP153960-CP153961	ERR6294162	ERR13600519	5300	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62649	5.37	57.37	2	43.90	85.37	Kp1	SL152	ST105	2009	Human	blood	infection	SAMEA8948546	CP153958-CP153959	ERR6294165	ERR13600520	5177	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62912	5.56	57.10	3	46.83	277.31	Kp1	SL881	ST881	2009	Human	blood	infection	SAMEA8948557	CP153955-CP153957	ERR6294175	ERR13600521	5379	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62914	5.44	57.34	3	39.92	145.92	Kp1	SL967	ST967	2009	Human	blood	infection	SAMEA8948558	CP153952-CP153954	ERR6294176	ERR13600522	5263	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62920	5.52	57.13	2	41.79	309.07	Kp1	SL11106	ST4229	2009	Human	blood	infection	SAMEA8948561	CP153950-CP153951	ERR6294179	ERR13600523	5358	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62922	5.52	57.15	5	42.67	56.76	Kp1	SL11105	ST4340	2009	Human	blood	infection	SAMEA8948562	CP153945-CP153949	ERR6294180	ERR13600524	5390	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62926	5.19	57.55	1	38.76	173.60	Kp1	SL294	ST294	2009	Human	blood	infection	SAMEA8948564	CP153944	ERR6294181	ERR13600525	5030	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62934	5.30	57.49	1	33.06	274.21	Kp1	SL1436	ST189	2009	Human	blood	infection	SAMEA8948568	CP153356	ERR6294185	ERR13600526	5109	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM BLD 63395	5.49	57.24	4	65.62	140.13	Kp1	SL3010	ST26	2009	Human	blood	infection	SAMEA8948584	CP153940-CP153943	ERR6294201	ERR13600527	5435	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 63801	5.63	57.04	5	83.34	37.38	Kp1	SL17	ST422	2009	Human	blood	infection	SAMEA8948589	CP153935-CP153939	ERR6294203	ERR13600528	5558	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 63815	5.75	56.73	2	85.03	216.46	Kp1	SL10899	ST417	2009	Human	blood	infection	SAMEA8948595	CP153933-CP153934	ERR6294208	ERR13600529	5530	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 63832	5.50	57.09	3 (1)	93.74	124.65	Kp1	SL86	ST86	2009	Human	blood	infection	SAMEA8948601	CP153930-CP153932	ERR6294214	ERR13600530	5369	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 63839	5.47	57.38	6	89.33	163.17	Kp1	SL322	ST322	2009	Human	blood	infection	SAMEA8948604	CP153924-CP153929	ERR6294217	ERR13600531	5407	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 63842	5.52	57.08	3	90.16	76.43	Kp1	SL152	ST152	2009	Human	blood	infection	SAMEA8948605	CP153921-CP153923	ERR6294218	ERR13600532	5367	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM BLD 70	5.50	57.35	5	51.52	96.63	Kp1	SL11089	ST4231	2005	Human	blood	infection	SAMEA8948152	CP153916-CP153920	ERR6294227	ERR13600533	5339	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 106847	5.56	57.14	2	75.99	41.50	Kp1	SL17	ST336	2015	Human	urine	infection	SAMEA114492509	CP153912-CP153913	ERR12132107	ERR13600535	5438	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 107976	5.75	56.79	6	68.97	325.75	Kp1	SL3010	ST26	2015	Human	urine	infection	SAMEA115163005	CP153350-CP153355	ERR12791276	ERR13600536	5676	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 113027	5.39	57.28	2	78.84	139.55	Kp1	SL528	ST528	2015	Human	urine	infection	SAMEA114492575	CP153908-CP153909	ERR12132173	ERR13600538	5225	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 114421	5.63	57.02	5	83.95	27.44	Kp1	SL13	ST13	2015	Human	urine	infection	SAMEA114492582	CP153903-CP153907	ERR12132180	ERR13600539	5428	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2009 57401	5.51	57.29	3 (1)	62.04	171.65	Kp1	SL10970	ST261	2009	Human	urine	infection	SAMEA8948408	CP153900-CP153902	ERR6294242	ERR13600540	5391	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2012 81416	5.57	57.24	3	23.83	125.54	Kp1	SL10970	ST261	2012	Human	urine	infection	SAMEA8948464	CP153347-CP153349	ERR6294246	ERR13600541	5435	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
KP NORM URN 2012 81428	5.86	56.95	5	59.41	184.93	Kp1	SL307	ST307	2012	Human	urine	infection	SAMEA4724642	CP153895-CP153899	ERR2631549	ERR13600542	5706	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
KP NORM URN 2013 95439	5.96	56.59	6	91.84	128.58	Kp1	SL147	ST147	2013	Human	urine	infection	SAMEA8948675	CP153889-CP153894	ERR6294253	ERR13600543	5846	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2013 95788	5.66	57.14	6	49.77	46.01	Kp1	SL258	ST340	2013	Human	urine	infection	SAMEA8948679	CP154247-CP154252	ERR6294255	ERR13600544	5616	illumina MiSeq (MiSeq V3 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2013 95819	5.57	57.13	5	58.79	128.23	Kp1	SL39	ST39	2013	Human	urine	infection	SAMEA8948680	CP153884-CP153888	ERR6294258	ERR13600545	5464	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2013 95951	5.35	57.48	4	49.03	171.65	Kp1	SL48	ST48	2013	Human	urine	infection	SAMEA8948682	CP153880-CP153883	ERR6294266	ERR13600546	5209	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2013 97392	5.28	57.57	3	269.24	212.50	Kp1	SL48	ST48	2014	Human	urine	infection	SAMEA8948687	CP153863-CP153865	ERR6294271	ERR13600550	5131	illumina HiSeq 2500 (HiSeq High-Output + 2x125 bp)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2014 97411	5.45	57.31	2	236.19	207.13	Kp1	SL416	ST416	2014	Human	urine	infection	SAMEA8948688	CP153861-CP153862	ERR6294272	ERR13600551	5293	illumina HiSeq 2500 (HiSeq High-Output + 2x125 bp)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2014 97671	5.63	57.15	4	375.66	412.85	Kp1	SL45	ST45	2014	Human	urine	infection	SAMEA8948689	CP153857-CP153860	ERR6294273	ERR13600552	5536	illumina HiSeq 2500 (HiSeq High-Output + 2x125 bp)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2014 97677	5.34	57.41	2	81.84	320.84	Kp1	SL11073	ST4246	2014	Human	urine	infection	SAMEA8948690	CP153855-CP153856	ERR6294274	ERR13600553	5182	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2014 99206	5.47	57.37	3	221.11	207.13	Kp1	SL17	ST16	2014	Human	urine	infection	SAMEA8948693	CP153852-CP153854	ERR6294277	ERR13600554	5411	illumina HiSeq 2500 (HiSeq High-Output + 2x125 bp)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2015 10783	5.39	57.45	2	50.87	77.68	Kp1	SL198	ST198	2015	Human	urine	infection	SAMEA8948712	CP153850-CP153851	ERR6294279	ERR13600555	5238	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2015 10796	5.64	57.06	3	64.49	71.13	Kp1	SL10016	ST659	2015	Human	urine	infection	SAMEA8948713	CP153847-CP153849	ERR6294280	ERR13600556	5496	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2015 10905	5.29	57.54	3	58.39	158.33	Kp1	SL37	ST37	2015	Human	urine	infection	SAMEA8948722	CP153844-CP153846	ERR6294283	ERR13600557	5158	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 2015 10923	5.50	57.15	2	75.47	90.85	Kp1	SL10975	ST2952	2015	Human	urine	infection	SAMEA8948724	CP153842-CP153843	ERR6294285	ERR13600558	5385	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 201																			

KP NORM URN 58233	5.46	57.17	2	80.13	72.56	Kp1	SL3747	ST534	2009	Human	urine	infection	SAMEA115163018	CP153306-CP153307	ERR12791289	ERR13600574	5283	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 58251	5.47	57.26	3	115.25	182.97	Kp1	SL322	ST322	2009	Human	urine	infection	SAMEA115163019	CP153303-CP153305	ERR12791290	ERR13600575	5395	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 58261	5.47	57.34	2	89.95	43.99	Kp1	SL15	ST15	2009	Human	urine	infection	SAMEA115163020	CP153301-CP153302	ERR12791291	ERR13600576	5281	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 58288	5.75	56.95	5 (1)	78.33	155.32	Kp1	SL45	ST45	2009	Human	urine	infection	SAMEA115163023	CP153296-CP153300	ERR12791292	ERR13600577	5680	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-LSK-109)
KP NORM URN 58342	5.59	57.33	5	61.61	47.50	Kp1	SL10	ST10	2009	Human	urine	infection	SAMEA115163021	CP153291-CP153295	ERR12791293	ERR13600578	5532	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 58394	5.39	57.36	5	86.89	63.61	Kp1	SL4	ST4	2009	Human	urine	infection	SAMEA115163022	CP153286-CP153290	ERR12791294	ERR13600579	5253	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_001	5.46	57.29	3	58.92	185.07	Kp1	SL188	ST3419	2017	Human	blood	infection	SAMEA113604969	CP153469-CP153471	ERR11578019	ERR13600580	5301	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H1_002	5.54	57.25	3	54.40	53.29	Kp1	SL35	ST449	2017	Human	blood	infection	SAMEA113604970	CP153005-CP153007	ERR11578020	ERR13600581	5360	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_011	5.54	57.15	2	70.36	57.89	Kp1	SL3583	ST2039	2017	Human	blood	infection	SAMEA113604977	CP153003-CP153004	ERR11578022	ERR13600582	5391	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_012	5.20	57.48	1	46.45	188.04	Kp1	SL1966	ST1966	2017	Human	blood	infection	SAMEA113604978	CP153002	ERR11578028	ERR13600583	5036	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_037	5.35	57.37	3	36.85	30.11	Kp1	SL10019	ST234	2017	Human	blood	infection	SAMEA113604995	CP152999-CP153001	ERR11578045	ERR13600584	5197	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_040	5.63	57.11	3	103.94	46.75	Kp1	SL551	ST551	2017	Human	blood	infection	SAMEA113604997	CP152996-CP152998	ERR11578047	ERR13600585	5497	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_041	5.44	57.10	3	102.81	232.22	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113604998	CP152993-CP152995	ERR11578048	ERR13600586	5288	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_050	5.29	57.40	1	64.32	101.07	Kp1	SL1997	ST4321	2017	Human	blood	infection	SAMEA113605006	CP152991	ERR11578056	ERR13600588	5102	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_074	5.60	57.18	4	90.83	39.12	Kp1	SL461	ST3660	2018	Human	blood	infection	SAMEA113605007	CP152984-CP152987	ERR11578077	ERR13600590	5494	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_084	5.67	56.82	2	66.80	377.84	Kp1	SL35	ST35	2018	Human	blood	infection	SAMEA113605036	CP152982-CP152983	ERR11578086	ERR13600591	5508	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_091	5.52	57.19	3	156.83	208.67	Kp1	SL882	ST882	2018	Human	blood	infection	SAMEA113605042	CP152979-CP152981	ERR11578092	ERR13600592	5368	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_098	5.54	57.22	4	96.00	376.51	Kp1	SL383	ST4295	2018	Human	blood	infection	SAMEA113605049	CP152975-CP152978	ERR11578099	ERR13600593	5436	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_109	5.37	57.24	6	72.53	272.25	Kp1	SL278	ST278	2018	Human	blood	infection	SAMEA113605055	CP152969-CP152974	ERR11578105	ERR13600594	5243	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_111	5.53	57.21	3	70.33	26.68	Kp1	SL461	ST3660	2018	Human	blood	infection	SAMEA113605057	CP152966-CP152968	ERR11578107	ERR13600595	5349	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H10_003	5.43	57.36	3	48.00	38.68	Kp1	SL611	ST2158	2017	Human	blood	infection	SAMEA113605348	CP152963-CP152965	ERR11578118	ERR13600596	5293	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H11_006	5.58	57.24	3	55.06	95.20	Kp1	SL23	ST23	2017	Human	blood	infection	SAMEA113605358	CP152939-CP152941	ERR11578126	ERR13600597	5381	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H11_013	5.47	57.36	2	66.08	168.17	Kp1	SL14	ST4066	2018	Human	blood	infection	SAMEA113605363	CP152961-CP152962	ERR11578131	ERR13600598	5310	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_018	5.37	57.19	3	72.98	70.34	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605380	CP152958-CP152960	ERR11578148	ERR13600599	5205	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H12_023	5.65	57.11	3	61.41	94.23	Kp1	SL2042	ST2042	2017	Human	blood	infection	SAMEA113605372	CP152955-CP152957	ERR11578152	ERR13600600	5463	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H12_028	5.44	57.10	3	36.77	91.98	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605386	CP152952-CP152954	ERR11578154	ERR13600601	5289	illumina MiSeq (MiSeq V2 + 2x150bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_034	5.86	57.13	4	34.24	368.78	Kp1	SL25	ST25	2017	Human	blood	infection	SAMEA113605391	CP152948-CP152951	ERR11578159	ERR13600602	5767	illumina MiSeq (MiSeq V2 + 2x150bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_035	5.75	57.12	3	35.37	86.94	Kp1	SL23	ST4380	2017	Human	blood	infection	SAMEA113605392	CP152945-CP152947	ERR11578160	ERR13600603	5556	illumina MiSeq (MiSeq V2 + 2x150bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_038	5.65	57.11	3	33.27	48.49	Kp1	SL2042	ST2042	2017	Human	blood	infection	SAMEA113605373	CP152942-CP152944	ERR11578163	ERR13600604	5466	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_041	5.49	57.40	5	69.31	104.35	Kp1	SL1626	ST485	2017	Human	blood	infection	SAMEA113605398	CP152934-CP152938	ERR11578166	ERR13600605	5329	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_048	5.44	57.35	3	61.87	61.39	Kp1	SL3647	ST3647	2017	Human	blood	infection	SAMEA113605405	CP152931-CP152933	ERR11578173	ERR13600606	5269	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_053	5.62	57.10	6	52.21	80.61	Kp1	SL1269	ST1269	2017	Human	blood	infection	SAMEA113605410	CP152925-CP152930	ERR11578178	ERR13600607	5512	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_062	5.65	56.71	6 (1)	54.19	285.14	Kp1	SL10174	ST1362	2018	Human	blood	infection	SAMEA113605417	CP153008-CP153013	ERR11578185	ERR13600609	5521	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
NK H12_063	5.46	57.27	1	36.16	240.92	Kp1	SL101	ST4391	2018	Human	blood	infection	SAMEA113605418	CP153468	ERR11578186	ERR13600610	5339	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H12_086	5.41	57.36	3	68.71	57.97	Kp1	SL15	ST15	2018	Human	blood	infection	SAMEA113605435	CP152917-CP152919	ERR11578203	ERR13600612	5231	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H14_001	5.45	57.42	2	44.87	46.73	Kp1	SL17	ST17	2017	Human	blood	infection	SAMEA111533192	CP152909-CP152910	ERR10447212	ERR13600615	5364	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_010	5.44	57.10	3	88.39	91.98	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605482	CP152906-CP152908	ERR11578240	ERR13600616	5288	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_036	5.41	57.39	3	70.05	32.48	Kp1	SL45	ST45	2017	Human	blood	infection	SAMEA113605506	CP152895-CP152897	ERR11578264	ERR13600619	5234	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_037	5.54	57.07	5	59.29	72.53	Kp1	SL186	ST458	2017	Human	blood	infection	SAMEA113605507	CP152890-CP152894	ERR11578265	ERR13600620	5388	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_050	5.67	56.92	4	65.43	43.55	Kp1	SL461	ST4652	2017	Human	blood	infection	SAMEA113605519	CP152882-CP152885	ERR11578277	ERR13600622	5599	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_057	5.29	57.54	1	65.81	57.43	Kp1	SL49	ST49	2017	Human	blood	infection	SAMEA113605525	CP152881	ERR11578283	ERR13600623	5109	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H14_063	5.58	57.12	4	65.75	51.71	Kp1	SL1785	ST999	2018	Human	blood	infection	SAMEA113605530	CP152875-CP152878	ERR11578287	ERR13600625	5450	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_002	5.49	57.40	3	53.04	111.09	Kp1	SL25	ST25	2017	Human	blood	infection	SAMEA113605555	CP152870-CP152872	ERR11578312	ERR13600627	5301	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_021	5.60	57.15	2	65.35	59.42	Kp1	SL101	ST101	2017	Human	blood	infection	SAMEA113605573	CP152867-CP152868	ERR11578330	ERR13600629	5452	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_022	5.54	57.16	3	67.35	62.71	Kp1	SL86	ST86	2017	Human	blood	infection	SAMEA113605574	CP152864-CP152866	ERR11578331	ERR13600630	5369	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_032	5.54	57.32	4	32.66	434.22	Kp1	SL133	ST133	2017	Human	blood	infection	SAMEA113605583	CP152854-CP152857	ERR11578340	ERR13600632	5327	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_042	5.63	57.18	3	59.47	53.70	Kp1	SL3370	ST3370	2017	Human	blood	infection	SAMEA113605590	CP152851-CP152853	ERR11578347	ERR13600633	5465	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_047	5.45	57.27	2	45.66	91.74	Kp1	SL2004	ST441	2017	Human	blood	infection	SAMEA113605594	CP152849-CP152850	ERR11578351	ERR13600634	5293	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_048	5.44	57.10	3	63.13	38.98	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605595	CP152846-CP152848	ERR11578352	ERR13600635	5284	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_056	5.71	57.05	4	64.84	209.75	Kp1	SL66	ST66	2018	Human	blood	infection	SAMEA113605602	CP152842-CP152845	ERR11578359	ERR13600636	5589	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-LSK-109)
NK H15_060	5.31	57.46	2	49.32	56.61	Kp1	SL10175	ST5849	2018	Human	blood	infection	SAMEA113605606	CP152840-CP152841	ERR11578363	ERR13600637	5151	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H16_005	5.44	57.10	3	87.21	50.19	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605622	CP152837-CP152839	ERR11578379	ERR13600638	5288	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H16_012	5.46	57.25	3	89.42	34.64	Kp1	SL152	ST152											

NK H18_050	5.27	57.46	1	40.59	30.91	Kp1	SL200	ST966	2018	Human	blood	infection	SAMEA113605724	CP152784	ERR11578481	ERR13600654	5052	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H18_054	5.40	57.31	1	50.04	238.23	Kp1	SL11135	ST4260	2018	Human	blood	infection	SAMEA113605728	CP152783	ERR11578485	ERR13600655	5238	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H18_072	5.46	57.04	1	83.32	113.09	Kp1	SL611	ST2510	2018	Human	blood	infection	SAMEA113605745	CP152782	ERR11578502	ERR13600656	5305	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H18_073	5.54	57.34	3	34.02	41.36	Kp1	SL25	ST25	2018	Human	blood	infection	SAMEA113605746	CP152779-CP152781	ERR11578503	ERR13600657	5360	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H18_074	5.46	57.39	2	57.41	455.51	Kp1	SL3682	ST1203	2018	Human	blood	infection	SAMEA113605747	CP153459-CP153460	ERR11578504	ERR13600658	5261	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H19_011	5.67	57.09	3	108.08	154.71	Kp1	SL66	ST66	2017	Human	blood	infection	SAMEA113605759	CP152776-CP152778	ERR11578516	ERR13600659	5556	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H19_015	5.47	57.31	5	99.19	28.89	Kp1	SL997	ST997	2017	Human	blood	infection	SAMEA113605762	CP152771-CP152775	ERR11578519	ERR13600660	5312	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H2_007	5.57	56.84	3	77.10	29.56	Kp1	SL314	ST4267	2017	Human	blood	infection	SAMEA113605072	CP152768-CP152770	ERR11578535	ERR13600661	5437	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H2_020	5.57	57.20	2	78.22	314.89	Kp1	SL45	ST45	2018	Human	blood	infection	SAMEA113605085	CP153457-CP153458	ERR11578548	ERR13600663	5413	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
NK H2_021	5.57	57.18	3	56.65	94.67	Kp1	SL10371	ST382	2018	Human	blood	infection	SAMEA113605086	CP152763-CP152765	ERR11578549	ERR13600664	5413	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H20_007	5.23	57.48	2	123.07	199.29	Kp1	SL1629	ST1629	2017	Human	blood	infection	SAMEA113605777	CP152761-CP152762	ERR11578568	ERR13600665	5048	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H20_010	5.47	57.29	2	96.21	138.21	Kp1	SL3614	ST4107	2017	Human	blood	infection	SAMEA113605780	CP152759-CP152760	ERR11578571	ERR13600666	5340	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H20_015	5.75	57.01	2	71.11	274.85	Kp1	SL252	ST252	2018	Human	blood	infection	SAMEA113605785	CP152757-CP152758	ERR11578576	ERR13600667	5718	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H21_005	5.49	57.29	4	62.40	43.80	Kp1	SL11101	ST4244	2017	Human	blood	infection	SAMEA113605794	CP152753-CP152756	ERR11578580	ERR13600668	5394	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_010	5.41	57.28	2	66.22	125.59	Kp1	SL35	ST35	2017	Human	blood	infection	SAMEA113605798	CP152751-CP152752	ERR11578584	ERR13600669	5263	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_011	5.43	57.28	4	57.24	160.30	Kp1	SL6	ST299	2017	Human	blood	infection	SAMEA113605799	CP153453-CP153456	ERR11578585	ERR13600670	5284	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H21_014	5.32	57.34	5	59.95	42.19	Kp1	SL359	ST359	2017	Human	blood	infection	SAMEA113605802	CP152746-CP152750	ERR11578588	ERR13600671	5187	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_015	5.43	57.12	3	66.40	363.81	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605031	CP152743-CP152745	ERR11578589	ERR13600672	5276	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_023	5.63	57.25	4	66.94	147.12	Kp1	SL25	ST25	2017	Human	blood	infection	SAMEA113605810	CP152739-CP152742	ERR11578596	ERR13600673	5518	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_029	5.75	56.90	3	59.74	58.93	Kp1	SL873	ST873	2017	Human	blood	infection	SAMEA113605816	CP152736-CP152738	ERR11578602	ERR13600674	5639	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_036	5.52	57.04	4	55.48	247.72	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605823	CP152732-CP152735	ERR11578609	ERR13600675	5391	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_037	5.50	57.31	2	84.66	225.42	Kp1	SL307	ST4335	2017	Human	blood	infection	SAMEA113605824	CP152730-CP152731	ERR11578610	ERR13600676	5320	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H21_076	5.47	57.26	2	34.61	91.47	Kp1	SL301	ST2113	2018	Human	blood	infection	SAMEA113605855	CP152719-CP152720	ERR11578641	ERR13600681	5382	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H21_078	5.54	57.22	5	56.04	186.77	Kp1	SL17	ST20	2018	Human	blood	infection	SAMEA113605857	CP152714-CP152718	ERR11578643	ERR13600682	5452	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H22_013	5.51	57.12	4	76.87	164.57	Kp1	SL17	ST20	2017	Human	blood	infection	SAMEA114492473	CP153441-CP153444	ERR12132189	ERR13600685	5412	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_015	5.35	57.48	2	66.25	58.10	Kp1	SL11306	ST128	2017	Human	blood	infection	SAMEA114492475	CP153439-CP153440	ERR12132191	ERR13600686	5138	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_027	5.56	57.21	4	129.37	246.57	Kp1	SL17	ST3247	2017	Human	blood	infection	SAMEA113605861	CP153432-CP153435	ERR11578647	ERR13600688	5481	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H22_045	5.48	57.29	3	81.88	150.53	Kp1	SL380	ST380	2017	Human	blood	infection	SAMEA113605878	CP152710-CP152712	ERR11578664	ERR13600689	5282	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_053	5.49	57.31	2	74.01	47.03	Kp1	SL251	ST251	2017	Human	blood	infection	SAMEA113605884	CP152708-CP152709	ERR11578670	ERR13600690	5369	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_060	5.96	56.51	7	57.81	42.04	Kp1	SL244	ST4289	2017	Human	blood	infection	SAMEA113605890	CP152701-CP152707	ERR11578676	ERR13600691	5917	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_070	5.30	57.53	1	82.35	68.45	Kp1	SL11308	ST993	2018	Human	blood	infection	SAMEA113605899	CP152700	ERR11578686	ERR13600692	5114	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_075	5.50	57.20	3	77.42	101.03	Kp1	SL462	ST462	2018	Human	blood	infection	SAMEA113605904	CP153429-CP153431	ERR11578691	ERR13600693	5359	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
NK H22_076	5.81	56.72	4	70.33	276.94	Kp1	SL37	ST37	2018	Human	blood	infection	SAMEA113605905	CP152696-CP152699	ERR11578692	ERR13600694	5738	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_002	5.44	57.10	3	69.25	215.05	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605925	CP152693-CP152695	ERR11578712	ERR13600695	5289	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_005	5.36	57.37	2	76.30	292.37	Kp1	SL3598	ST1540	2017	Human	blood	infection	SAMEA113605928	CP152691-CP152692	ERR11578715	ERR13600696	5217	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_006	5.49	57.19	2	60.68	273.61	Kp1	SL45	ST45	2017	Human	blood	infection	SAMEA113605929	CP153427-CP153428	ERR11578716	ERR13600697	5347	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
NK H23_007	5.41	57.43	3	71.72	61.33	Kp1	SL14	ST14	2017	Human	blood	infection	SAMEA113605930	CP152688-CP152690	ERR11578717	ERR13600698	5213	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_014	5.46	57.27	2	46.47	41.51	Kp1	SL882	ST882	2017	Human	blood	infection	SAMEA113605937	CP152686-CP152687	ERR11578724	ERR13600699	5263	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H23_015	5.60	57.25	2	82.05	82.08	Kp1	SL23	ST23	2017	Human	blood	infection	SAMEA113605938	CP152684-CP152685	ERR11578725	ERR13600700	5362	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H23_019	5.33	57.50	3	67.34	60.61	Kp1	SL133	ST133	2017	Human	blood	infection	SAMEA113605942	CP152681-CP152683	ERR11578729	ERR13600701	5196	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_027	5.44	57.10	3	87.21	31.60	Kp1	SL107	ST107	2018	Human	blood	infection	SAMEA113605949	CP152678-CP152680	ERR11578736	ERR13600702	5288	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_041	5.45	57.22	4	66.25	55.39	Kp1	SL268	ST3586	2018	Human	blood	infection	SAMEA113605963	CP152674-CP152677	ERR11578750	ERR13600703	5355	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_045	5.50	57.10	4	93.24	85.52	Kp1	SL234	ST234	2018	Human	blood	infection	SAMEA113605967	CP152670-CP152673	ERR11578754	ERR13600704	5385	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H23_049	5.49	57.11	3	72.87	139.12	Kp1	SL293	ST293	2018	Human	blood	infection	SAMEA113605970	CP152667-CP152669	ERR11578757	ERR13600705	5361	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H24_006	5.25	57.46	3	89.44	120.90	Kp1	SL11126	ST4276	2017	Human	blood	infection	SAMEA113605977	CP152664-CP152666	ERR11578764	ERR13600706	5075	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H24_010	5.42	57.13	3	70.60	287.98	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605981	CP152661-CP152663	ERR11578768	ERR13600707	5268	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H24_016	5.36	57.50	2	83.30	34.90	Kp1	SL2701	ST2701	2017	Human	blood	infection	SAMEA113605987	CP152659-CP152660	ERR11578774	ERR13600708	5221	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H24_028	5.53	57.32	2	105.79	88.15	Kp1	SL307	ST307	2017	Human	blood	infection	SAMEA113605997	CP152657-CP152658	ERR11578784	ERR13600709	5344	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H24_044	5.10	57.66	1	173.51	136.37	Kp1	SL200	ST200	2018	Human	blood	infection	SAMEA113606012	CP152656	ERR11578799	ERR13600710	4922	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H24_054	5.52	57.28	2	119.88	103.70	Kp1	SL405	ST405	2018	Human	blood	infection	SAMEA113606021	CP152654-CP152655	ERR11578808	ERR13600711	5315	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H25_002	5.46	57.42	2	63.86	130.84	Kp1	SL268	ST268	2017	Human	blood	infection	SAMEA113606025	CP152652-CP152653	ERR11578812	ERR13600712	5282	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H25_013	5.67	57.20	6	137.43	45.60	Kp1	SL133	ST943	2018	Human	blood	infection	SAMEA113606035	CP152646-CP152651	ERR11578822	ERR13600713	5583	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H26_006	5.19	57.57	2	72.62	50.28	Kp1	SL188	ST4318	2017	Human</									

NK_H5_014	5.47	57.28	2	42.60	72.70	Kp1	SL3010	ST2800	2017	Human	blood	infection	SAMEA113605164	CP152604-CP152605	ERR11578913	ERR13600729	5366	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H5_016	5.29	57.37	2	60.30	71.17	Kp1	SL186	ST4257	2017	Human	blood	infection	SAMEA113605166	CP152602-CP152603	ERR11578915	ERR13600730	5118	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H5_031	5.55	57.22	6	67.88	341.56	Kp1	SL258	ST11	2018	Human	blood	infection	SAMEA113605180	CP152599-CP152601	ERR11578929	ERR13600731	5459	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R10.4.1 (SQK-RBK114-24)
NK_H7_005	5.63	57.22	5	60.68	71.51	Kp1	SL3010	ST26	2017	Human	blood	infection	SAMEA113605213	CP152594-CP152598	ERR11578954	ERR13600732	5587	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H7_010	5.66	57.14	5	75.96	259.45	Kp1	SL147	ST392	2018	Human	blood	infection	SAMEA113605218	CP152589-CP152593	ERR11578959	ERR13600733	5590	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_002	5.44	57.10	3	34.18	234.64	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605223	CP152586-CP152588	ERR11578964	ERR13600734	5284	illumina MiSeq (MiSeq V2 + 2x150bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_008	5.57	57.16	2	60.99	186.82	Kp1	SL461	ST461	2017	Human	blood	infection	SAMEA113605229	CP152584-CP152585	ERR11578970	ERR13600735	5428	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_011	6.04	56.59	4	56.23	54.34	Kp1	SL321	ST321	2017	Human	blood	infection	SAMEA113605232	CP152580-CP152583	ERR11578973	ERR13600736	5929	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_022	5.44	57.10	3	39.33	27.01	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605243	CP152577-CP152579	ERR11578984	ERR13600737	5287	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_044	5.31	57.46	1	82.66	62.74	Kp1	SL35	ST35	2017	Human	blood	infection	SAMEA113605263	CP152576	ERR11579004	ERR13600738	5142	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_052	5.21	57.62	1	81.99	77.29	Kp1	SL10554	ST4343	2017	Human	blood	infection	SAMEA113605271	CP152570	ERR11579012	ERR13600740	5030	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_057	5.47	57.11	3	72.54	45.70	Kp1	SL107	ST107	2017	Human	blood	infection	SAMEA113605275	CP152567-CP152569	ERR11579016	ERR13600741	5316	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_060	5.55	57.23	3	78.30	43.55	Kp1	SL111	ST111	2017	Human	blood	infection	SAMEA113605278	CP152564-CP152566	ERR11579019	ERR13600742	5431	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_070	5.60	56.97	3	73.50	274.29	Kp1	SL10873	ST279	2018	Human	blood	infection	SAMEA113605287	CP152561-CP152563	ERR11579028	ERR13600743	5440	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_077	5.72	57.14	6	69.53	87.49	Kp1	SL10	ST10	2018	Human	blood	infection	SAMEA113605294	CP152555-CP152560	ERR11579035	ERR13600744	5687	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_083	5.52	57.26	3	57.62	276.18	Kp1	SL45	ST45	2018	Human	blood	infection	SAMEA113605300	CP152552-CP152554	ERR11579041	ERR13600745	5353	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_100	5.57	57.10	6	85.88	59.73	Kp1	SL3010	ST26	2018	Human	blood	infection	SAMEA113605314	CP152546-CP152551	ERR11579055	ERR13600746	5520	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H8_111	5.44	57.10	3	113.67	301.87	Kp1	SL107	ST107	2018	Human	blood	infection	SAMEA113605325	CP152543-CP152545	ERR11579066	ERR13600747	5283	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_114	5.38	57.38	2	113.67	39.29	Kp1	SL37	ST37	2018	Human	blood	infection	SAMEA113605328	CP152541-CP152542	ERR11579069	ERR13600748	5233	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_118	5.33	57.41	4	132.35	81.77	Kp1	SL17	ST17	2018	Human	blood	infection	SAMEA111533205	CP152537-CP152540	ERR10447223	ERR13600749	5189	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H8_121	5.38	57.44	6	109.56	72.30	Kp1	SL17	ST20	2018	Human	blood	infection	SAMEA113605334	CP152531-CP152536	ERR11579075	ERR13600750	5292	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK_H9_001	5.52	57.11	3	88.17	185.52	Kp1	SL882	ST882	2017	Human	blood	infection	SAMEA113605336	CP152528-CP152530	ERR11579077	ERR13600751	5322	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H9_003	5.33	57.47	2	80.94	62.71	Kp1	SL10508	ST4262	2017	Human	blood	infection	SAMEA113605338	CP152526-CP152527	ERR11579079	ERR13600752	5165	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK_H9_006	5.48	57.25	3	126.02	56.13	Kp1	SL3804	ST25	2017	Human	blood	infection	SAMEA113605341	CP152523-CP152525	ERR11579082	ERR13600753	5346	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-007	5.69	57.05	8	81.00	189.81	Kp1	SL3010	ST26	2015	Human	faecal	colonisation	SAMEA7773558	CP153168-CP153175	ERR0506296	ERR13600754	5664	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-010	5.56	57.26	3	78.18	71.69	Kp1	SL3010	ST3041	2015	Human	faecal	colonisation	SAMEA7773561	CP153165-CP153167	ERR0506265	ERR13600755	5467	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-011	5.40	57.49	2	82.08	92.31	Kp1	SL10828	ST1862	2015	Human	faecal	colonisation	SAMEA7773562	CP153163-CP153164	ERR0506266	ERR13600756	5220	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-012	5.37	57.27	5	74.92	116.24	Kp1	SL17	ST20	2015	Human	faecal	colonisation	SAMEA7773563	CP153158-CP153162	ERR0506267	ERR13600749	5250	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-013	5.48	57.30	3	85.66	38.86	Kp1	SL45	ST45	2015	Human	faecal	colonisation	SAMEA7773564	CP153155-CP153157	ERR0506268	ERR13600758	5349	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-019	5.62	57.21	6	70.09	38.00	Kp1	SL3010	ST26	2015	Human	faecal	colonisation	SAMEA7773569	CP153149-CP153154	ERR0506273	ERR13600759	5585	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-020	5.50	57.20	4	77.01	101.82	Kp1	SL17	ST17	2015	Human	faecal	colonisation	SAMEA7773570	CP153209-CP153212	ERR0506274	ERR13600760	5374	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-034	5.82	56.86	8	59.96	161.51	Kp1	SL10830	ST4255	2015	Human	faecal	colonisation	SAMEA7773584	CP153199-CP153206	ERR0506288	ERR13600762	5748	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-036	5.22	57.34	1	88.49	93.96	Kp1	SL716	ST1958	2015	Human	faecal	colonisation	SAMEA7773586	CP153198	ERR0506290	ERR13600763	5042	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-051	5.51	57.10	2	97.94	56.25	Kp1	SL1799	ST1799	2015	Human	faecal	colonisation	SAMEA7773601	CP153195-CP153196	ERR0506305	ERR13600765	5339	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-078	5.56	57.21	3	102.09	180.48	Kp1	SL3583	ST2039	2015	Human	faecal	colonisation	SAMEA7773628	CP153176-CP153178	ERR0506332	ERR13600767	5382	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-085	5.65	57.12	10	83.40	105.99	Kp1	SL34	ST34	2015	Human	faecal	colonisation	SAMEA7773635	CP153184-CP153193	ERR0506339	ERR13600768	5634	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-096	6.03	56.65	4	89.30	145.87	Kp1	SL2791	ST2791	2015	Human	faecal	colonisation	SAMEA7773646	CP153179-CP153182	ERR0506350	ERR13600770	5915	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-097	5.79	56.92	4	115.89	196.54	Kp1	SL461	ST461	2015	Human	faecal	colonisation	SAMEA7773647	CP153245-CP153248	ERR0506351	ERR13600771	5684	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-103	5.38	57.47	3	65.72	259.58	Kp1	SL2004	ST584	2015	Human	faecal	colonisation	SAMEA7773653	CP153242-CP153244	ERR0506357	ERR13600772	5230	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-115	5.58	57.13	6	73.43	155.01	Kp1	SL17	ST20	2015	Human	faecal	colonisation	SAMEA7773665	CP153233-CP153238	ERR0506369	ERR13600774	5521	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-125	5.56	56.85	3	68.43	241.47	Kp1	SL10838	ST1613	2015	Human	faecal	colonisation	SAMEA7773675	CP153230-CP153232	ERR0506379	ERR13600775	5418	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-129	5.34	57.42	2	108.76	219.30	Kp1	SL867	ST867	2015	Human	faecal	colonisation	SAMEA7773679	CP153228-CP153229	ERR0506383	ERR13600776	5185	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-141	5.63	56.96	5	95.63	501.22	Kp1	SL37	ST37	2015	Human	faecal	colonisation	SAMEA7773690	CP153217-CP153221	ERR0506394	ERR13600778	5555	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-146	5.41	57.38	2	68.49	78.80	Kp1	SL10334	ST1832	2015	Human	faecal	colonisation	SAMEA7773695	CP153215-CP153216	ERR0506399	ERR13600779	5261	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-153	5.65	57.13	2	85.15	130.10	Kp1	SL461	ST4652	2015	Human	faecal	colonisation	SAMEA7773702	CP153213-CP153214	ERR0506406	ERR13600780	5516	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-158	5.49	57.22	2	94.76	196.74	Kp1	SL10799	ST4640	2015	Human	faecal	colonisation	SAMEA7773707	CP153284-CP153285	ERR0506411	ERR13600781	5313	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-180	5.43	57.36	3	70.47	131.00	Kp1	SL152	ST152	2015	Human	faecal	colonisation	SAMEA7773729	CP153274-CP153276	ERR0506433	ERR13600785	5309	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-181	5.27	57.52	3	64.45	127.76	Kp1	SL1189	ST1189	2015	Human	faecal	colonisation	SAMEA7773730	CP153271-CP153273	ERR0506434	ERR13600786	5177	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-185	5.51	57.26	4	49.58	89.82	Kp1	SL314	ST4649	2015	Human	faecal	colonisation	SAMEA7773734	CP153267-CP153270	ERR0506438	ERR13600787	5319	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-189	5.65	57.17	7	62.92	122.66	Kp1	SL3010	ST4379	2015	Human	faecal	colonisation	SAMEA7773738	CP153260-CP153266	ERR0506442	ERR13600788	5648	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-200	5.43	57.17	4	69.35	129.13	Kp1	SL3010	ST253	2015	Human	faecal	colonisation	SAMEA7773749	CP153256-CP153259	ERR0506453	ERR13600789	5329	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-209	5.71	57.01	4	71.50	77.07	Kp1	SL10332	ST4248	2015	Human	faecal	colonisation	SAMEA7773758	CP153252-CP153255	ERR0506462	ERR13600790	5566	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-211	5.34	57.39	3	81.14	40.95	Kp1	SL29	ST29	2015	Human	faecal	colonisation	SAMEA7773760	CP153249-CP153251	ERR0506464	ERR13600791	5167	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LS

T7-326	5.39	57.09	3	89.82	92.76	Kp1	SL661	ST661	2015	Human	faecal	colonisation	SAMEA7773874	CP153046-CP153048	ERR5056578	ERR13600810	5291	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-333	5.29	57.51	1	95.87	160.95	Kp1	SL2004	ST2004	2015	Human	faecal	colonisation	SAMEA7773881	CP153045	ERR5056585	ERR13600811	5143	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-349	5.61	57.17	6	70.75	141.81	Kp1	SL3010	ST26	2015	Human	faecal	colonisation	SAMEA7773896	CP153113-CP153118	ERR5056600	ERR13600813	5545	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-365	5.59	57.04	7	54.73	333.66	Kp1	SL17	ST20	2015	Human	faecal	colonisation	SAMEA7773911	CP153106-CP153112	ERR5056615	ERR13600814	5558	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-378	5.43	57.30	5	83.29	181.74	Kp1	SL34	ST643	2015	Human	faecal	colonisation	SAMEA7773924	CP153394-CP153398	ERR5056628	ERR13600815	5300	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
T7-393	5.47	57.21	3	121.09	81.01	Kp1	SL10221	ST4007	2015	Human	faecal	colonisation	SAMEA7773938	CP153103-CP153105	ERR5056642	ERR13600816	5322	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-394	5.66	57.11	3	150.38	307.21	Kp1	SL2042	ST2042	2015	Human	faecal	colonisation	SAMEA7773939	CP153100-CP153102	ERR5056643	ERR13600817	5472	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-398	5.45	57.19	4	65.60	57.51	Kp1	SL359	ST359	2015	Human	faecal	colonisation	SAMEA7773943	CP153096-CP153099	ERR5056647	ERR13600818	5385	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-410	5.78	56.99	6	66.29	137.06	Kp1	SL461	ST461	2015	Human	faecal	colonisation	SAMEA7773954	CP153085-CP153090	ERR5056658	ERR13600820	5678	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-414	5.37	57.30	7	200.09	242.02	Kp1	SL34	ST34	2015	Human	faecal	colonisation	SAMEA7773958	CP153078-CP153084	ERR5056662	ERR13600821	5268	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-439	5.60	57.28	5	84.58	77.40	Kp1	SL3010	ST704	2015	Human	faecal	colonisation	SAMEA7773982	CP153144-CP153148	ERR5056688	ERR13600824	5534	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-442	5.61	57.18	3	83.83	41.51	Kp1	SL23	ST23	2015	Human	faecal	colonisation	SAMEA7773985	CP153141-CP153143	ERR5056689	ERR13600825	5420	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-445	5.31	57.52	3	81.86	57.81	Kp1	SL1145	ST1145	2015	Human	faecal	colonisation	SAMEA7773988	CP153138-CP153140	ERR5056692	ERR13600826	5101	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-457	5.37	57.46	3	78.09	190.15	Kp1	SL10399	ST515	2015	Human	faecal	colonisation	SAMEA7774000	CP153135-CP153137	ERR5056704	ERR13600827	5278	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-460	5.61	57.17	3	84.85	143.00	Kp1	SL1496	ST1496	2015	Human	faecal	colonisation	SAMEA7774003	CP153132-CP153134	ERR5056707	ERR13600828	5435	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-475	5.35	57.48	2	92.28	188.90	Kp1	SL151	ST151	2016	Human	faecal	colonisation	SAMEA7774018	CP153129-CP153130	ERR5056722	ERR13600830	5193	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-488	5.65	57.11	3	80.67	194.22	Kp1	SL2042	ST4660	2016	Human	faecal	colonisation	SAMEA7774031	CP153122-CP153124	ERR5056735	ERR13600832	5466	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGMAR-2016-1076	5.61	57.19	8	72.73	62.47	Kp1	SL22	ST22	2016	<i>M. edulis</i>	unknown	SAMN13382579	CP145007-CP145014	SRR18543897	ERR13600299	5544	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1178	5.47	57.32	4	108.45	253.15	Kp1	SL11219	ST4675	2016	<i>M. edulis</i>	unknown	SAMN13382581	CP145003-CP145006	SRR18543894	ERR13600300	5362	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1198	5.51	57.15	2	109.89	90.73	Kp1	SL37	ST2167	2016	<i>M. edulis</i>	unknown	SAMN13382582	CP085097-CP085098	SRR18543893	ERR13600301	5387	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1200	5.50	57.39	3	73.48	90.87	Kp1	SL25	ST25	2016	<i>M. edulis</i>	unknown	SAMN13382583	CP085033-CP085035	SRR18543892	ERR13600302	5317	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1396	5.49	57.26	6	65.60	181.45	Kp1	SL3010	ST240	2016	<i>M. edulis</i>	unknown	SAMN13382596	CP144997-CP145002	SRR18543878	ERR13600303	5406	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1397	5.53	57.16	6	60.77	47.01	Kp1	SL1496	ST4676	2016	<i>M. edulis</i>	unknown	SAMN13382597	CP144991-CP144996	SRR18543877	ERR13600304	5502	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-1400	5.28	57.39	2	46.87	22.26	Kp1	SL1035	ST1035	2016	<i>M. edulis</i>	unknown	SAMEA7293484	CP065034-CP065035	ERR4570363	ERR4859178	5143	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-563	5.47	57.27	5	85.96	106.79	Kp1	SL383	ST110	2016	<i>M. edulis</i>	unknown	SAMN13382564	CP144986-CP144990	SRR18543874	ERR13600306	5382	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2016-733	5.83	56.91	7	73.00	68.14	Kp1	SL252	ST252	2016	<i>M. edulis</i>	unknown	SAMN13382572	CP144979-CP144985	SRR18543904	ERR13600307	5824	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-1417-2	5.32	57.38	2	98.18	52.05	Kp1	SL3157	ST3157	2019	<i>M. edulis</i>	unknown	SAMN17766468	CP144977-CP144978	SRR18543867	ERR13600308	5182	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-1459	5.75	56.93	6	82.72	148.81	Kp1	SL922	ST922	2019	<i>M. edulis</i>	unknown	SAMN17766472	CP144962-CP144967	SRR18543862	ERR13600310	5693	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-1497	5.61	57.15	7	64.19	132.68	Kp1	SL45	ST45	2019	<i>M. edulis</i>	unknown	SAMN17766475	CP144955-CP144961	SRR18543833	ERR13600311	5441	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-1764	5.34	57.33	2	68.95	93.72	Kp1	SL292	ST292	2019	<i>M. edulis</i>	unknown	SAMN17766478	CP085099-CP085100	SRR18543830	ERR13600312	5193	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-1792	5.58	57.25	3	96.57	89.64	Kp1	SL324	ST4267	2019	<i>M. edulis</i>	unknown	SAMN17766482	CP085103-CP085105	SRR18543825	ERR13600314	5500	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2019-2186	5.31	57.39	1	104.05	179.72	Kp1	SL3676	ST2441	2019	<i>M. edulis</i>	unknown	SAMN17766494	CP144946	SRR18543812	ERR13600315	5150	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGMAR-2020-428	5.60	57.06	7	102.20	167.40	Kp1	SL34	ST643	2020	<i>M. edulis</i>	unknown	SAMN17766507	CP154867-CP154873	SRR18543848	ERR13600319	5522	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)	
KGMAR-2020-440	5.43	57.37	3	131.06	103.01	Kp1	SL1877	ST1026	2020	<i>M. edulis</i>	unknown	SAMN17766508	CP144936-CP144938	SRR18543847	ERR13600320	5325	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)	
KGVTES-2019-01-1336	5.50	57.18	4	84.82	221.51	Kp1	SL10076	ST1426	2019	Pig	caecal	colonisation	SAMN28106918	JAMCDDJ01000001-4	SRR19372431	SRR19667671	5376	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1378	5.60	56.93	3	56.96	264.26	Kp1	SL221	ST168	2019	Pig	caecal	colonisation	SAMN28626224	CP153667-CP153669	SRR19372497	ERR13600353	5437	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1382	5.60	57.14	5	81.86	72.53	Kp1	SL113	ST113	2019	Pig	caecal	colonisation	SAMN28626228	CP153660-CP153664	SRR19372425	ERR13600355	5468	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1759	5.39	57.14	3	41.24	133.09	Kp1	SL107	ST219	2019	Pig	caecal	colonisation	SAMN28106919	JAMCDDI01000001-3	SRR19372430	SRR19667670	5273	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1760	5.47	57.12	4	55.34	35.67	Kp1	SL107	ST219	2019	Pig	caecal	colonisation	SAMN28626241	CP153656-CP153659	SRR19372373	ERR13600356	5327	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1761	5.59	57.13	2	57.94	192.75	Kp1	SL2411	ST2411	2019	Pig	caecal	colonisation	SAMN28626242	CP153654-CP153655	SRR19372427	ERR13600357	5459	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1806	5.64	56.92	6	45.19	190.53	Kp1	SL37	ST37	2019	Pig	caecal	colonisation	SAMN28106920	JAMCDDH01000001-6	SRR19372432	SRR19667669	5539	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1844	5.62	57.08	5	51.43	86.55	Kp1	SL113	ST113	2019	Pig	caecal	colonisation	SAMN28626246	CP153649-CP153653	SRR19372367	ERR13600358	5471	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-1961	5.53	57.27	4	52.94	141.02	Kp1	SL10300	ST2108	2019	Pig	caecal	colonisation	SAMN28106921	JAMCDDG01000001-4	SRR19372428	SRR19667668	5373	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-2201	5.42	57.34	1	44.63	215.53	Kp1	SL10130	ST289	2019	Pig	caecal	colonisation	SAMN28626263	CP153646	SRR19372461	ERR13600360	5295	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-2870	5.70	56.75	8	100.75	219.63	Kp1	SL10880	ST4717	2019	Pig	caecal	colonisation	SAMN28626275	CP153636-CP153643	SRR19372447	ERR13600362	5542	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-2871	5.26	57.44	2	106.09	66.06	Kp1	SL200	ST1537	2019	Pig	caecal	colonisation	SAMN28626276	CP153634-CP153635	SRR19372446	ERR13600363	5090	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-3127	5.45	57.27	3	64.15	194.50	Kp1	SL1626	ST788	2019	Pig	caecal	colonisation	SAMN28626287	CP153631-CP153633	SRR19372406	ERR13600364	5281	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-3162	5.52	57.11	4	93.68	113.59	Kp1	SL290	ST290	2019	Pig	caecal	colonisation	SAMN28106922	JAMCDDF01000001-4	SRR19372427	SRR19667667	5382	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-3185	5.72	57.01	5	50.48	124.39	Kp1	SL10878	ST3689	2019	Pig	caecal	colonisation	SAMN28106923	JAMCDDO01000001-5	SRR19372426	SRR19667666	5593	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-3187	5.44	57.24	2	59.66	69.70	Kp1	SL37	ST37	2019	Pig	caecal	colonisation	SAMN28626296	CP153628-CP153629	SRR19372396	ERR13600366	5321	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-326	5.42	57.28	2	86.10	171.42	Kp1	SL35	ST35	2019	Pig	caecal	colonisation	SAMN28106924	JAMCDDD01000001-2	SRR19372424	SRR19667679	5265	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-376	5.54	57.10	2	62.74	368.16	Kp1	SL1198	ST866	2019	Pig	caecal	colonisation	SAMN28626299	CP153626-CP153627	SRR19372393	ERR13600367	537		

KGVTES-2019-01-897	5.42	57.26	3	83.19	250.51	Kp1	SL661	ST661	2019	Pig	caecal	colonisation	SAMN28106928	JAMCCZ01000001-3	SRR19372420	SRR19667675	5274	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-901	5.33	57.42	2	69.87	86.60	Kp1	SL3050	ST4527	2019	Pig	caecal	colonisation	SAMN28626347	CP153593-CP153594	SRR19372432	ERR13600379	5196	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVTES-2019-01-902	5.61	57.07	2	75.78	151.76	Kp1	SL45	ST485	2019	Pig	caecal	colonisation	SAMN28106929	JAMCCZ01000001-2	SRR19372419	SRR19667674	5463	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGMAR-2019-1766	5.45	57.41	8	50.95	170.28	Kp1	SL17	ST2695	2019	Seawater		unknown	SAMN17766480	CP144947-CP144954	SRR18543828	SRR18543828	5277	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGMAR-2019-400-2	5.51	57.18	5	43.14	107.18	Kp1	SL37	ST1083	2019	Seawater		unknown	SAMN17766463	CP144941-CP144945	SRR18543872	ERR13600316	5411	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGMAR-2019-604	5.38	57.39	2	65.44	253.01	Kp1	SL111	ST111	2019	Seawater		unknown	SAMN17766464	CP144939-CP144940	SRR18543871	ERR13600317	5208	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-1001	5.55	56.97	7	100.97	90.09	Kp1	SL35	ST35	2018	Turkey	caecal	colonisation	SAMEA8399237	CP153586-CP153592	ERR5530452	ERR13600271	5424	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-1024	5.34	57.27	9	81.00	92.69	Kp1	SL10868	ST590	2018	Turkey	caecal	colonisation	SAMEA8399241	CP153577-CP153585	ERR5530365	ERR13600272	5236	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-1097	5.51	57.06	6 (2)	87.21	10.69	Kp1	SL290	ST4710	2018	Turkey	caecal	colonisation	SAMEA8399243	SAMEA8399243	ERR5530459	ERR5726972	5358	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-1439	5.56	57.14	6	96.54	58.46	Kp1	SL1229	ST1229	2018	Turkey	caecal	colonisation	SAMEA8399260	CP153571-CP153576	ERR5530511	ERR13600273	5390	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-1584	5.34	57.38	5	78.39	264.63	Kp1	SL35	ST35	2018	Turkey	caecal	colonisation	SAMEA8399265	CP153566-CP153570	ERR5530399	ERR13600274	5182	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2085	5.42	57.32	5	91.41	86.43	Kp1	SL35	ST35	2018	Turkey	caecal	colonisation	SAMEA8399289	CP153561-CP153565	ERR5530345	ERR13600275	5279	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2485	5.54	57.01	5	62.30	104.32	Kp1	SL290	ST4710	2018	Turkey	caecal	colonisation	SAMEA8399314	CP153553-CP153557	ERR5530470	ERR13600277	5389	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2640	5.62	57.14	6	72.70	214.19	Kp1	SL37	ST1779	2018	Turkey	caecal	colonisation	SAMEA8399324	CP153547-CP153552	ERR5530404	ERR13600278	5535	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
2018-01-2730	5.58	57.16	5	89.39	152.60	Kp1	SL37	ST1779	2018	Turkey	caecal	colonisation	SAMEA8399332	CP153542-CP153546	ERR5530455	ERR13600279	5465	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-2860	5.24	57.45	4	85.40	107.34	Kp1	SL528	ST4726	2018	Turkey	caecal	colonisation	SAMEA8399341	CP153534-CP153537	ERR5530460	ERR13600282	5082	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-3030	5.50	57.20	8 (1)	37.44	176.32	Kp1	SL35	ST35	2018	Turkey	caecal	colonisation	SAMEA8399352	CP153526-CP153533	ERR5530361	ERR13600283	5379	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-LSK-109)
2018-01-3094	5.47	57.19	8	67.59	158.94	Kp1	SL1944	ST4712	2018	Turkey	caecal	colonisation	SAMEA8399355	CP153518-CP153525	ERR5530335	ERR13600284	5341	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
2018-01-3218	5.28	57.43	1	81.79	45.51	Kp1	SL10503	ST2	2018	Turkey	caecal	colonisation	SAMEA8399363	CP153517	ERR5530514	ERR13600285	5222	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-3465	5.37	57.38	4	42.00	160.64	Kp1	SL10475	ST70	2018	Turkey	caecal	colonisation	SAMEA8399380	CP153513-CP153516	ERR5530408	ERR13600286	5113	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-4107	5.36	57.24	7	95.29	51.09	Kp1	SL35	ST35	2018	Turkey	caecal	colonisation	SAMEA8399427	CP153503-CP153509	ERR5530405	ERR13600289	5234	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-4735	5.31	57.43	5	103.21	90.65	Kp1	SL37	ST37	2018	Turkey	caecal	colonisation	SAMEA8399450	CP153493-CP153497	ERR5530471	ERR13600292	5243	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-707	5.55	57.00	7	93.28	131.98	Kp1	SL290	ST4710	2018	Turkey	caecal	colonisation	SAMEA8399469	CP153486-CP153492	ERR5530330	ERR13600293	5398	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-778	5.37	57.43	3	81.80	94.82	Kp1	SL17	ST17	2018	Turkey	caecal	colonisation	SAMEA8399476	CP153472-CP153474	ERR5530356	ERR13600297	5211	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
2018-01-880	5.27	57.50	2	93.21	119.90	Kp1	SL432	ST3069	2018	Turkey	caecal	colonisation	SAMEA8399486	CP154488-CP154489	ERR5530513	ERR13600298	5169	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2018-01-4546	5.54	57.01	6 (2)	75.59	220.04	Kp1	SL290	ST4710	2018	Turkey	air sac	infection	SAMN32747447	DAMSMH01000001-9	SRR23086951	SRR23096344	5387	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-126	5.19	57.59	1	62.98	117.12	Kp1	SL1628	ST187	2020	Turkey	caecal	colonisation	SAMN32676047	CP153731	SRR23048654	ERR13600327	5015	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-202-1	5.13	57.76	2	61.61	131.15	Kp1	SL2097	ST2097	2020	Turkey	caecal	colonisation	SAMN32676060	CP153729-CP153730	SRR23048659	ERR13600329	4950	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2067-1	5.37	57.38	2	45.55	288.65	Kp1	SL49	ST49	2020	Turkey	caecal	colonisation	SAMN32676061	CP153727-CP153728	SRR23048658	ERR13600330	5169	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2158-1	5.51	57.05	8	72.87	223.58	Kp1	SL290	ST4710	2020	Turkey	caecal	colonisation	SAMN32676062	DAMSPZ01000001-69	SRR23048657	SRR23096343	5374	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2209-1	5.51	57.05	7	64.29	82.11	Kp1	SL290	ST4710	2020	Turkey	caecal	colonisation	SAMN32676063	CP153720-CP153726	SRR23048656	ERR13600331	5374	llumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-236-2	5.35	57.37	5	89.62	93.44	Kp1	SL37	ST37	2020	Turkey	caecal	colonisation	SAMN32676069	CP153712-CP153716	SRR23048648	ERR13600334	5206	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2496-3	5.48	57.07	2	86.43	109.70	Kp1	SL10561	ST1241	2020	Turkey	caecal	colonisation	SAMN32676075	CP153710-CP153711	SRR23048642	ERR13600335	5356	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2661	5.51	57.11	3	91.39	113.38	Kp1	SL152	ST152	2020	Turkey	caecal	colonisation	SAMN32676082	CP153707-CP153709	SRR23048635	ERR13600336	5408	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2677-1	5.36	57.29	4	105.63	66.95	Kp1	SL10178	ST5827	2020	Turkey	caecal	colonisation	SAMN32676084	CP153703-CP153706	SRR23048633	ERR13600337	5227	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2800-1	5.28	57.55	1	67.42	164.13	Kp1	SL1999	ST1999	2020	Turkey	caecal	colonisation	SAMN32676085	CP153702	SRR23048631	ERR13600338	5160	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-2959-1	5.26	57.45	3	51.90	125.47	Kp1	SL13	ST13	2020	Turkey	caecal	colonisation	SAMN32676095	CP153698-CP153700	SRR23048620	ERR13600340	5100	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3043-2	5.11	57.75	1	82.44	179.14	Kp1	SL17	ST636	2020	Turkey	caecal	colonisation	SAMN32676100	CP153697	SRR23048615	ERR13600341	4950	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3421-1	5.41	57.32	7	77.34	40.61	Kp1	SL10873	ST279	2020	Turkey	caecal	colonisation	SAMN32676111	CP153690-CP153696	SRR23048603	ERR13600342	5289	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3721-3	5.47	57.36	2	61.96	48.80	Kp1	SL1628	ST187	2020	Turkey	caecal	colonisation	SAMN32676123	CP153684-CP153685	SRR23048590	ERR13600346	5342	llumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-3775-3	5.29	57.46	3	83.09	256.84	Kp1	SL10114	ST5836	2020	Turkey	caecal	colonisation	SAMN32676124	CP153681-CP153683	SRR23048589	ERR13600347	5149	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-01-4249-1	5.39	57.35	5	82.79	65.45	Kp1	SL10538	ST4356	2020	Turkey	caecal	colonisation	SAMN32676138	CP153675-CP153679	SRR23048573	ERR13600349	5242	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KGVT-2020-04-18146	5.72	56.99	5	109.78	78.06	Kp1	SL10475	ST370	2020	Turkey	gizzard	infection	SAMEA115163000	CP154444-CP154448	ERR12791271	ERR13600352	5581	llumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 114473	5.68	57.58	11	87.41	363.71	Kp2	SL526	ST338	2015	Human	blood	infection	SAMEA8948834	CP153790-CP153800	ERR6293584	ERR13600400	5523	llumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 60803	5.34	58.00	1	66.29	114.93	Kp2	SL11785	ST4350	2009	Human	blood	infection	SAMEA8948436	CP153995	ERR6294056	ERR13600505	5140	llumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61273	5.68	57.40	3	51.33	382.21	Kp2	SL526	ST526	2009	Human	blood	infection	SAMEA8948460	CP153990-CP153992	ERR6294079	ERR13600507	5541	llumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H13 003	5.76	57.71	4	64.11	50.91	Kp2	SL11303	ST2663	2017	Human	blood	infection	SAMEA113605461	CP152911-CP152914	ERR11578225	ERR13600614	5637	llumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
T7-072	5.23	58.23	1	119.42	65.89	Kp2	SL10771	ST4618	2015	Human	faecal	colonisation	SAMEA7773622	CP153194	ERR5056326	ERR13600766	5033	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-089	5.38	58.09	1	99.41	245.30	Kp2	SL10786	ST4611	2015	Human	faecal	colonisation	SAMEA7773639	CP153183	ERR5056343	ERR13600769	5190	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-262	5.42	58.04	2	88.11	98.64	Kp2	SL10199	ST144	2015	Human	faecal	colonisation	SAMEA7773811	CP153019-CP153020	ERR5056515	ERR13600799	5220	llumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13377	5.09	58.12	1	103.55	140.46	Kp4	SL11781	ST4217	2001	Human	blood	infection	SAMEA8948326	CP154213	ERR6293756	ERR13600424	4901	llumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13757	5.29	57.91	4	38.92	100.03	Kp4	SL1535</												

KP NORM BLD 114309	5.59	57.36	2	55.26	41.75	Kp3	SL596	ST596	2015	Human	blood	infection	SAMEA8948813	CP153807-CP153808	ERR6293563	ERR13600397	5455	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 114453	5.67	57.25	2	35.36	111.51	Kp3	SL3235	ST1845	2015	Human	blood	infection	SAMEA8948829	CP153805-CP153806	ERR6293579	ERR13600398	5493	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 114482	5.48	57.52	1	76.64	31.66	Kp3	SL11198	ST475	2015	Human	blood	infection	SAMEA8948837	CP153789	ERR6293587	ERR13600401	5285	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 115706	5.70	57.37	4	53.63	118.63	Kp3	SL641	ST641	2015	Human	blood	infection	SAMEA8948874	CP153776-CP153779	ERR6293622	ERR13600407	5541	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 12934	5.63	57.46	2	37.93	46.61	Kp3	SL1875	ST360	2001	Human	blood	infection	SAMEA8948295	CP154234-CP154235	ERR6293725	ERR13600418	5485	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13127	5.80	57.19	4	73.22	154.60	Kp3	SL641	ST641	2001	Human	blood	infection	SAMEA8948311	CP154227-CP154230	ERR6293741	ERR13600420	5677	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1339	5.53	57.43	1	83.05	140.37	Kp3	SL595	ST595	2005	Human	blood	infection	SAMEA8948198	CP154196	ERR6293766	ERR13600429	5375	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 1348	5.51	57.41	3	83.25	188.87	Kp3	SL1875	ST1875	2005	Human	blood	infection	SAMEA8948204	CP154191-CP154193	ERR6293772	ERR13600431	5392	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 13886	5.72	57.17	2	39.23	115.81	Kp3	SL1169	ST347	2001	Human	blood	infection	SAMEA8948361	CP154159-CP154160	ERR6293800	ERR13600437	5566	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 60562	5.71	57.29	3	82.38	87.20	Kp3	SL595	ST906	2009	Human	blood	infection	SAMEA8948424	CP154001-CP154003	ERR6294044	ERR13600502	5534	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 60778	5.55	57.46	2	47.62	127.08	Kp3	SL1478	ST1478	2009	Human	blood	infection	SAMEA8948433	CP153996-CP153997	ERR6294053	ERR13600504	5379	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61444	5.56	57.36	1	82.49	70.92	Kp3	SL11203	ST1778	2009	Human	blood	infection	SAMEA8948476	CP153984	ERR6294094	ERR13600510	5361	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 61886	5.45	57.49	1	56.82	98.79	Kp3	SL11133	ST4169	2009	Human	blood	infection	SAMEA8948497	CP153981	ERR6294114	ERR13600512	5251	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62486	5.60	57.36	2	99.21	111.97	Kp3	SL10763	ST639	2009	Human	blood	infection	SAMEA8948532	CP153969-CP153970	ERR6294150	ERR13600516	5434	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM BLD 62512	5.75	57.00	2	48.37	74.90	Kp3	SL11139	ST4176	2009	Human	blood	infection	SAMEA8948541	CP153962-CP153963	ERR6294160	ERR13600518	5625	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
KP NORM URN 106487	5.85	57.27	2	38.02	60.22	Kp3	SL1456	ST1456	2015	Human	urine	infection	SAMEA114492505	CP153914-CP153915	ERR12132103	ERR13600534	5682	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 109342	5.65	57.37	2	83.44	32.95	Kp3	SL10846	ST5860	2015	Human	urine	infection	SAMEA114492502	CP153910-CP153911	ERR12132140	ERR13600537	5526	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 56847	5.76	57.20	3	50.39	80.84	Kp3	SL595	ST3950	2009	Human	urine	infection	SAMEA115374676	CP153339-CP153341	ERR12867070	ERR13600563	5621	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
KP NORM URN 57023	5.99	57.01	9	81.40	61.42	Kp3	SL641	ST641	2009	Human	urine	infection	SAMEA115163009	CP153328-CP153336	ERR12791280	ERR13600565	5872	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 57447	5.81	57.17	3	69.35	51.31	Kp3	SL11768	ST6489	2009	Human	urine	infection	SAMEA115163013	CP153315-CP153317	ERR12791284	ERR13600569	5626	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 57455	5.43	57.44	1	88.76	94.21	Kp3	SL11769	ST6490	2009	Human	urine	infection	SAMEA115163014	CP153314	ERR12791285	ERR13600570	5253	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
KP NORM URN 58012	5.61	57.34	3	34.56	191.28	Kp3	SL2594	ST2594	2009	Human	urine	infection	SAMEA115163017	CP153308-CP153310	ERR12791288	ERR13600573	5440	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H1_044	5.53	57.43	1	68.24	56.04	Kp3	SL10403	ST4202	2017	Human	blood	infection	SAMEA113605000	CP152992	ERR11578050	ERR13600587	5357	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H1_059	5.52	57.43	3	62.26	125.33	Kp3	SL595	ST527	2017	Human	blood	infection	SAMEA113605013	CP152988-CP152990	ERR11578063	ERR13600589	5337	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H12_068	5.49	57.47	4	115.36	124.74	Kp3	SL11161	ST4394	2017	Human	blood	infection	SAMEA113605421	CP152920-CP152923	ERR11578189	ERR13600611	5320	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK H12_100	5.83	57.09	2	42.47	136.87	Kp3	SL10403	ST725	2018	Human	blood	infection	SAMEA113605447	CP152915-CP152916	ERR11578215	ERR13600613	5636	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H14_033	5.70	57.25	4	80.67	45.59	Kp3	SL250	ST250	2017	Human	blood	infection	SAMEA113605504	CP152898-CP152901	ERR11578262	ERR13600618	5595	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H14_042	5.66	57.37	4	67.05	169.55	Kp3	SL10368	ST1381	2017	Human	blood	infection	SAMEA113605512	CP152886-CP152889	ERR11578270	ERR13600621	5535	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_001	5.89	57.24	2	48.25	122.19	Kp3	SL10763	ST639	2017	Human	blood	infection	SAMEA113605554	CP152873-CP152874	ERR11578311	ERR13600626	5795	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R10.4.1 (SQK-LSK-109)
NK H15_014	5.53	57.30	1	60.57	173.86	Kp3	SL1562	ST1562	2017	Human	blood	infection	SAMEA113605566	CP152869	ERR11578323	ERR13600628	5345	illumina MiSeq (MiSeq V2 + 2x250bp + XT)	R9.4.1 (SQK-LSK-109)
NK H15_025	5.80	57.16	6	72.11	65.33	Kp3	SL641	ST641	2017	Human	blood	infection	SAMEA113605577	CP152858-CP152863	ERR11578334	ERR13600631	5656	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H16_023	5.79	57.26	5	59.11	178.52	Kp3	SL641	ST641	2017	Human	blood	infection	SAMEA113605640	CP152823-CP152827	ERR11578397	ERR13600642	5656	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H17_002	5.71	57.10	8	72.86	104.52	Kp3	SL919	ST919	2018	Human	blood	infection	SAMEA113605642	CP152815-CP152822	ERR11578399	ERR13600643	5601	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H2_019	5.65	57.27	2	66.44	140.46	Kp3	SL1562	ST454	2017	Human	blood	infection	SAMEA113605084	CP152766-CP152767	ERR11578547	ERR13600662	5494	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H21_050	6.03	56.96	7	56.64	169.07	Kp3	SL10052	ST318	2018	Human	blood	infection	SAMEA113605833	CP153446-CP153452	ERR11578619	ERR13600678	5931	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R10.4.1 (SQK-RBK114-24)
NK H21_056A	5.69	57.19	3	40.30	30.69	Kp3	SL3201	ST4179	2018	Human	blood	infection	SAMEA113605370	CP152724-CP152726	ERR11578624	ERR13600679	5539	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H21_067	5.77	57.21	3	61.85	176.59	Kp3	SL11075	ST4183	2018	Human	blood	infection	SAMEA113605847	CP152721-CP152723	ERR11578633	ERR13600680	5627	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H21_080	5.47	57.44	1	85.95	61.39	Kp3	SL10826	ST4146	2018	Human	blood	infection	SAMEA113605346	CP152713	ERR11578645	ERR13600683	5307	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
NK H22_009	5.49	57.42	1	111.75	140.02	Kp3	SL11093	ST4315	2016	Human	blood	infection	SAMEA114492469	CP153445	ERR12132185	ERR13600684	5296	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H22_018	5.75	57.20	3	106.40	235.06	Kp3	SL10012	ST197	2017	Human	blood	infection	SAMEA114492477	CP153436-CP153438	ERR12132193	ERR13600687	5643	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
NK H29_003	5.85	57.06	3	61.84	207.24	Kp3	SL11167	ST4373	2017	Human	blood	infection	SAMEA113605471	CP152637-CP152639	ERR11578840	ERR13600716	5670	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R9.4.1 (SQK-LSK-109)
NK H4_006	5.85	57.15	3	97.44	171.15	Kp3	SL10047	ST616	2017	Human	blood	infection	SAMEA113605127	CP153424-CP153426	ERR11578876	ERR13600725	5757	illumina MiSeq (MiSeq V3 + 2x300bp + XT&FLEX)	R10.4.1 (SQK-RBK114-24)
NK H8_045	5.69	57.13	5	71.28	41.94	Kp3	SL919	ST4173	2017	Human	blood	infection	SAMEA113605264	CP152571-CP152575	ERR11579005	ERR13600739	5606	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
T7-032	5.73	57.30	2	74.46	87.24	Kp3	SL10829	ST790	2015	Human	faecal	colonisation	SAMEA7773582	CP153207-CP153208	ERR5056286	ERR13600761	5581	illumina MiSeq (MiSeq V3 + 2x300bp + XT)	R9.4.1 (SQK-LSK-109)
T7-050	5.44	57.51	1	112.90	107.38	Kp3	SL10056	ST3948	2015	Human	faecal	colonisation	SAMEA7773600	CP153197	ERR5056304	ERR13600764	5237	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-105	5.81	57.15	3	62.23	258.22	Kp3	SL10835	ST3195	2015	Human	faecal	colonisation	SAMEA7773655	CP153239-CP153241	ERR5056359	ERR13600773	5683	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-133	5.73	57.14	6	76.60	134.44	Kp3	SL681	ST681	2015	Human	faecal	colonisation	SAMEA7773683	CP153222-CP153227	ERR5056387	ERR13600777	5698	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-160	5.97	56.92	3	80.63	220.82	Kp3	SL2386	ST2386	2015	Human	faecal	colonisation	SAMEA7773709	CP153281-CP153283	ERR5056413	ERR13600782	5828	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-165	6.01	56.95	8	59.00	177.85	Kp3	SL250	ST250	2015	Human	faecal	colonisation	SAMEA7773714	CP153409-CP153416	ERR5056418	ERR13600783	5942	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R10.4.1 (SQK-RBK114-24)
T7-179	5.73	57.18	4	47.87	225.55	Kp3	SL10840	ST3195	2015	Human	faecal	colonisation	SAMEA7773728	CP153277-CP153280	ERR5056432	ERR13600784	5579	illumina MiSeq (MiSeq V2 + 2x250bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-220	5.87	57.07	3	77.07	176.47	Kp3	SL357	ST357	2015	Human	faecal	colonisation	SAMEA7773769	CP153038-CP153040	ERR5056473	ERR13600793	5679	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-267	6.20	56.51	4	80.29	112.11	Kp3	SL1848	ST1994	2015	Human	faecal	colonisation	SAMEA7773816	CP153067-CP153070	ERR5056520	ERR13600802	6157	illumina MiSeq (MiSeq V3 + 2x300bp + FLEX)	R9.4.1 (SQK-LSK-109)
T7-286	5.34	57.65	1	93.02	75.69	Kp3	SL3937	ST3937											

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