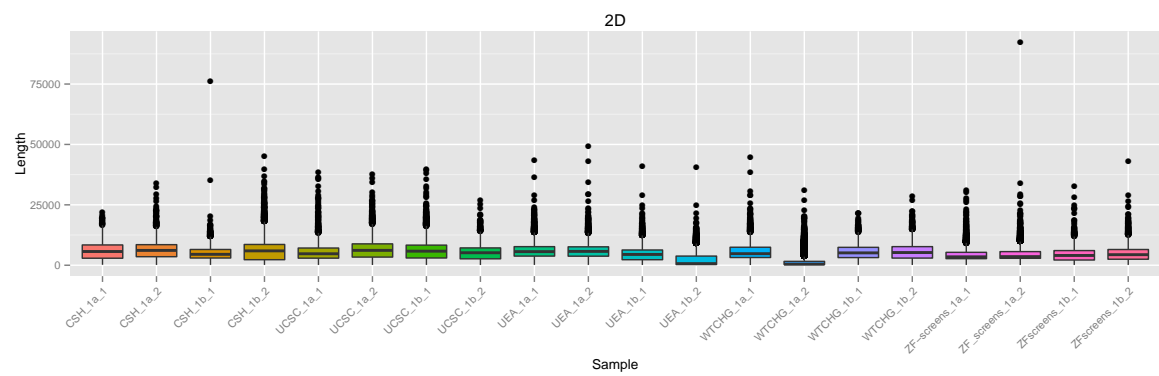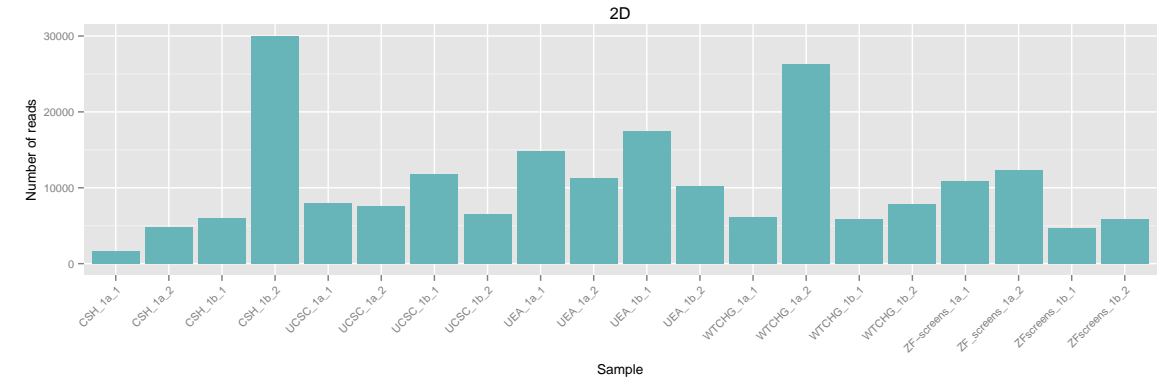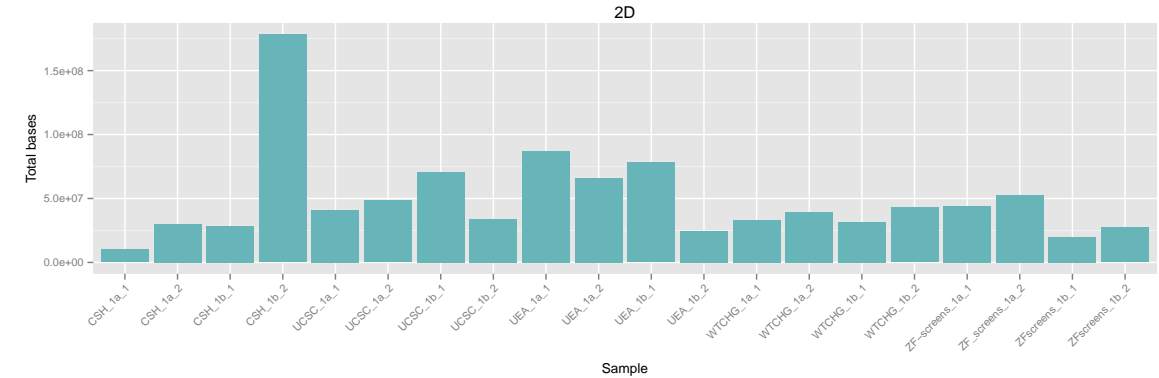# NanoOK comparison report

Read lengths
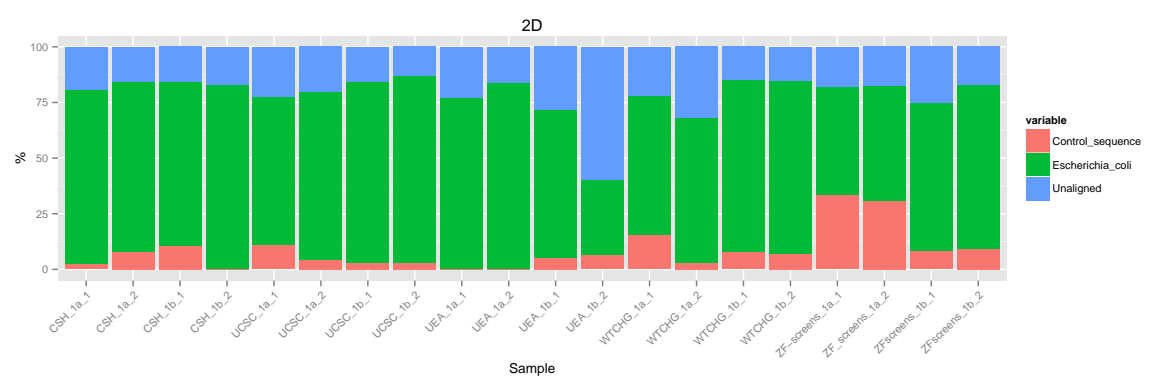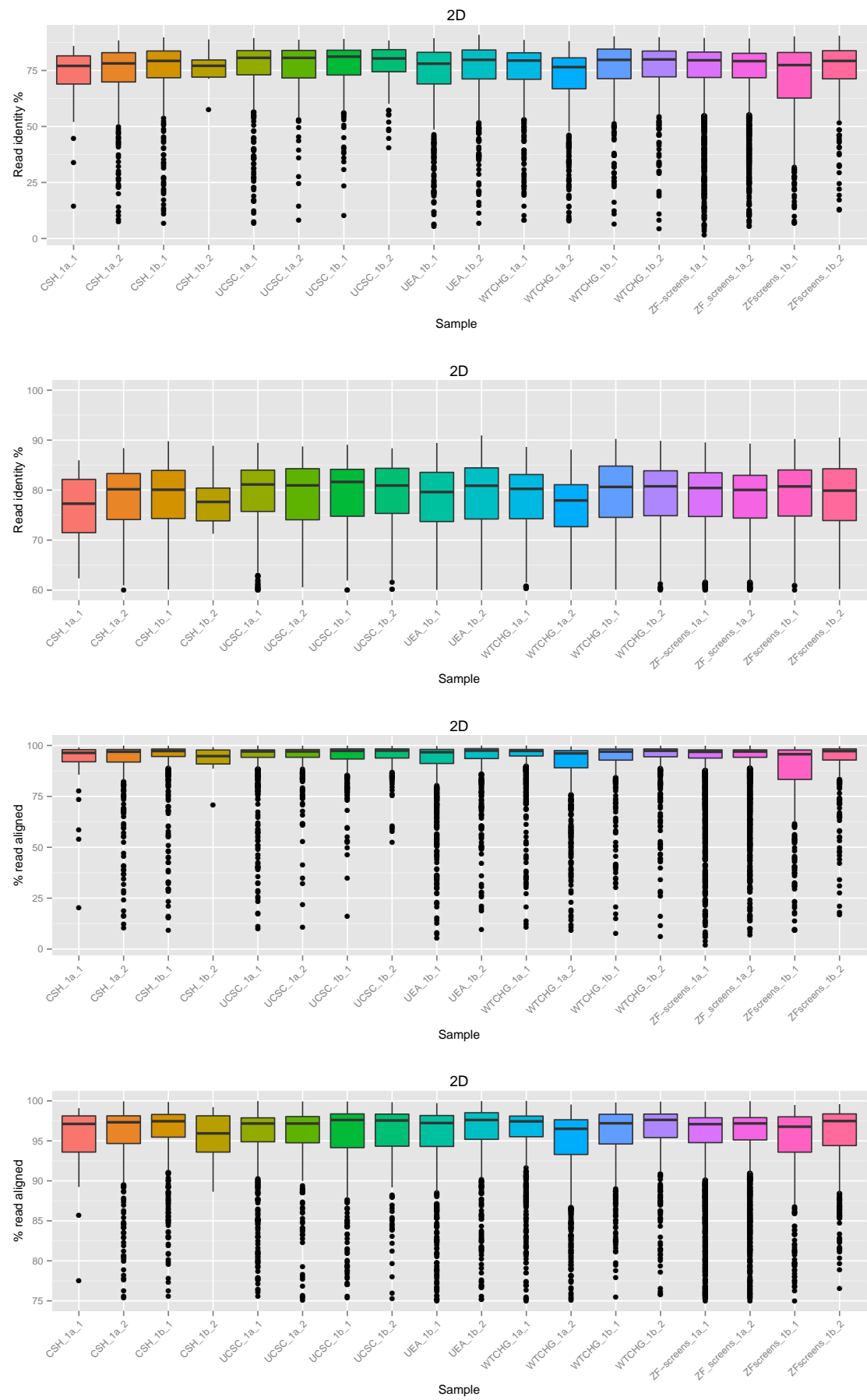

Number of reads

Total bases
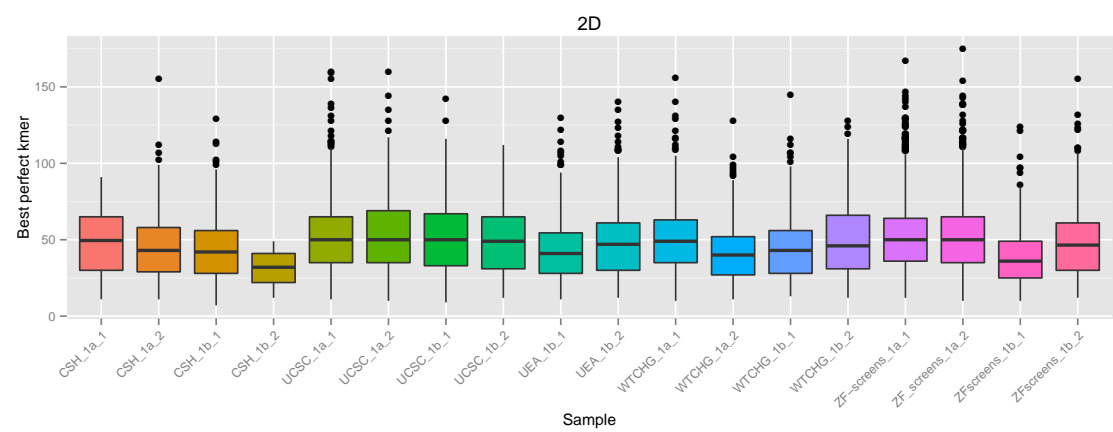

Alignment summary
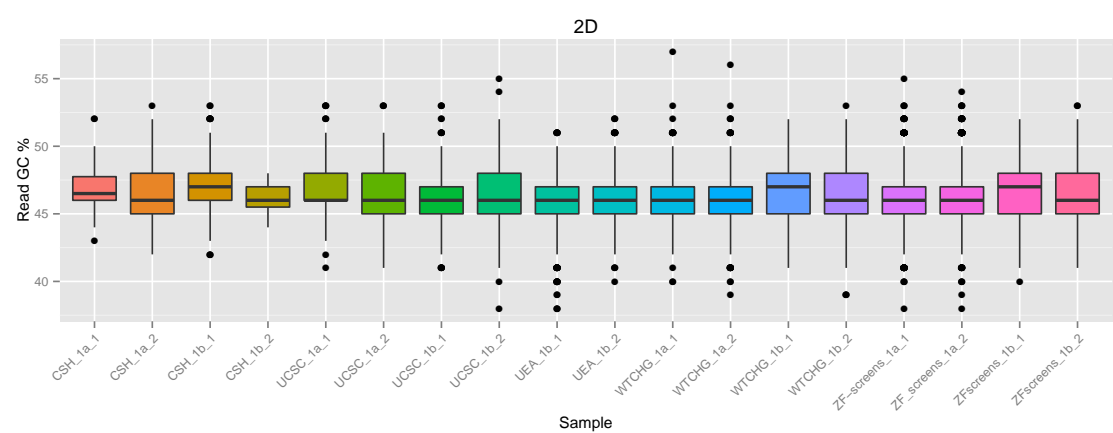
Control sequence identity

Control sequence best perfect kmer

Control sequence GC

## Control sequence 2D Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TCTAC	TACGC	AACCA	TCTTA	GTCGA	ATCTA	GCATC	CATCT	TTAGA	GCTCC
CSH_1a_2	AACCA	TCAGC	GCATC	GTCGA	CATCT	CAGCA	ATCAG	ACCAA	CTTTG	ATCTA
UCSC_1a_1	GCATC	TCAGC	GTCGA	CTTTG	ACGCA	CATCT	CAGCA	CCCGC	ATCTA	TTAGA
UCSC_1a_2	CTTTG	TCAGC	GCATC	ATCTA	CAGCA	CATCT	AACCA	CCCGC	GTCGA	TCTAC
UEA_1a_1	GTACA	GTACT	ACCGG	ACAAG	ACACC	TTATA	GTAGG	GTGGG	GCTTG	GCGAG
UEA_1a_2	GTACA	GTACT	ACCGG	ACAAG	ACACC	TTATA	GTAGG	GTGGG	GCTTG	GCGAG
WTCHG_1a_1	AACCA	TCAGC	CATCT	GCATC	GTCGA	GATTC	TACGC	ATCTA	CCCGC	TTAGA
WTCHG_1a_2	TCAGC	GAGGA	AACCA	CAGCA	CATCT	GTCGA	TACTT	TCTTA	ACCAA	GACGA
ZF-screens_1a_1	GCATC	TCAGC	CATCT	AACCA	ATCTA	GTCGA	CAGCA	CCCGC	TCTAC	CTTTG
ZF_screens_1a_2	GCATC	TCAGC	CATCT	ATCTA	AACCA	TACGC	GTCGA	CCCGC	TCTAC	CAGCA
CSH_1b_1	ATCTA	TCAGC	GCATC	CAGCA	TCTAC	CCCGC	TACAT	CTTTG	CATCT	TACGC
CSH_1b_2	AACCA	TGCTT	TGTGC	ACTAA	GTCGA	ATTAG	TCAGC	CTCCC	TCACA	CATGC
UCSC_1b_1	TCAGC	CCCGC	CAGCA	TCTAC	TACGC	CTTTG	ATCTA	CATCT	AACCA	GCATC
UCSC_1b_2	TCAGC	TCTAC	ATCTA	CATCT	GCATC	TACAT	CTTTG	AACCA	CCCGC	ACCAA
UEA_1b_1	TCAGC	TACAT	AACCA	CATCT	TTAGA	ATCTA	ACCAA	TACTT	CAGCA	GCATC
UEA_1b_2	GCATC	AACCA	CATCT	ATCTA	TTAGA	TCAGC	GTCGA	CTTTG	TACGC	CCCGC
WTCHG_1b_1	ATCTA	GCATC	CCCGC	TCAGC	CATCT	CAGCA	GTCGA	TCTAC	TACGC	TACAT
WTCHG_1b_2	GCATC	ATCTA	TCAGC	TCTAC	CCCGC	CATCT	CAGCA	TACGC	AACCA	ACCAA
ZFscreens_1b_1	GCATC	TACGC	ATCTA	TCAGC	CATCT	TACAT	GCTCC	TTAGA	GTCGA	ATCCA
ZFscreens_1b_2	GCATC	CATCT	CCCGC	TCAGC	TCTAC	ATCTA	TACGC	CTTTG	GCTCC	CAGCA

Control sequence 2D Under-represented 5-mers

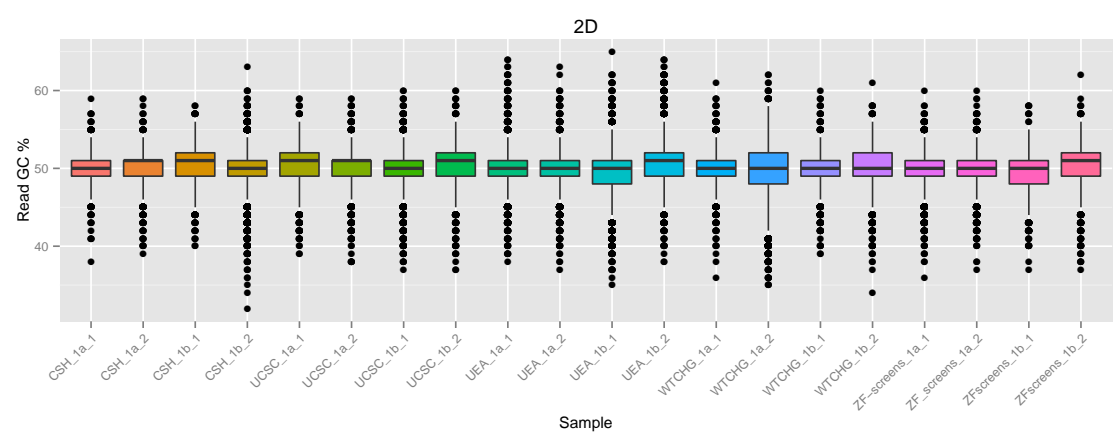| Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	AATAT	GTTTT	CTTTT	GCAAT
CSH_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TTATC	GCTGA	CTTTT	GCAAT
UCSC_1a_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	CTTTT	TTATC	AATAT	GCAAT
UCSC_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTTTT	CTGAT	TTATC	GCAAT	AATAT
UEA_1a_1	TTTTT	AAAAA	TGATG	AAAAC	AATAT	CTGAT	TGATT	GATGT	ATTAT	GCAAT
UEA_1a_2	TTTTT	AAAAA	TGATG	AAAAC	AATAT	CTGAT	TGATT	GATGT	ATTAT	GCAAT
WTCHG_1a_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCTGA	TTATC	AATAT	GCAAT
WTCHG_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCAAT	CTTTT	TTATC	AATAT
ZF-screens_1a_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	CTTTT	TTATC	GCAAT	GCTGA
ZF_screens_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TTATC	CTTTT	GCAAT	GCTGA
CSH_1b_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCAAT	TTATC	CTTTT	TGATT
CSH_1b_2	TTTTT	AAAAA	TGATG	CTTTT	AAAAC	TTTTG	TGATT	GTAAT	GTCAG	ATTAT
UCSC_1b_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TTATC	GCTGA	CTTTT	GCAAT
UCSC_1b_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCTGA	TTATC	GCAAT	TGATT
UEA_1b_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	CTTTT	GCAAT	GTTTT	TTTTG
UEA_1b_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TTATC	GCTGA	CTTTT	GCAAT
WTCHG_1b_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	CTTTT	TTATC	GCAAT	GTTTT
WTCHG_1b_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCAAT	CTTTT	TTATC	GCTGA
ZFscreens_1b_1	TTTTT	AAAAA	TGATG	AAAAC	CTTTT	GTTTT	TTATC	GATGT	GCAAT	TTTTG
ZFscreens_1b_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TTATC	CTTTT	GCAAT	GCTGA

Escherichia coli identity
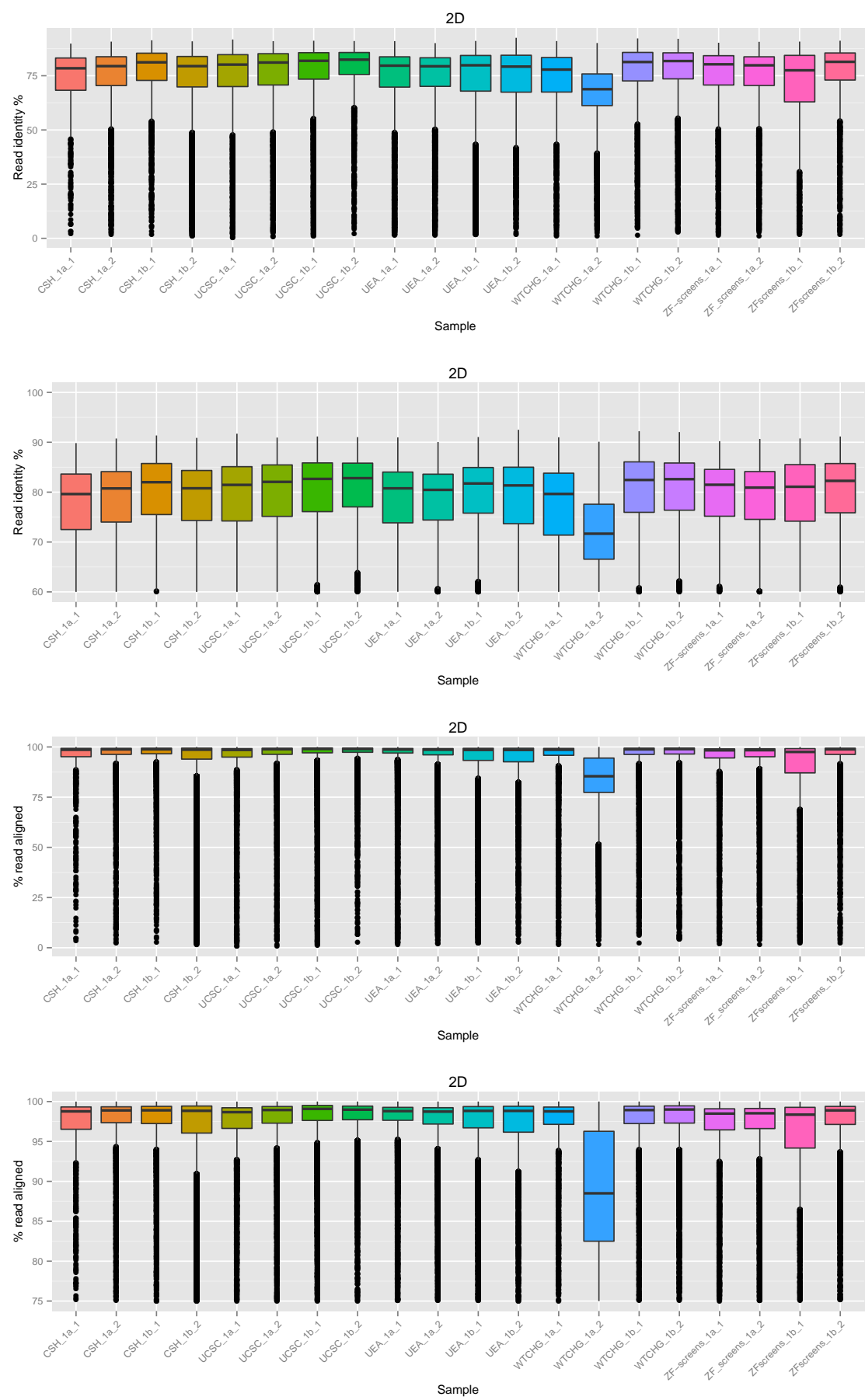
Escherichia coli best perfect kmer
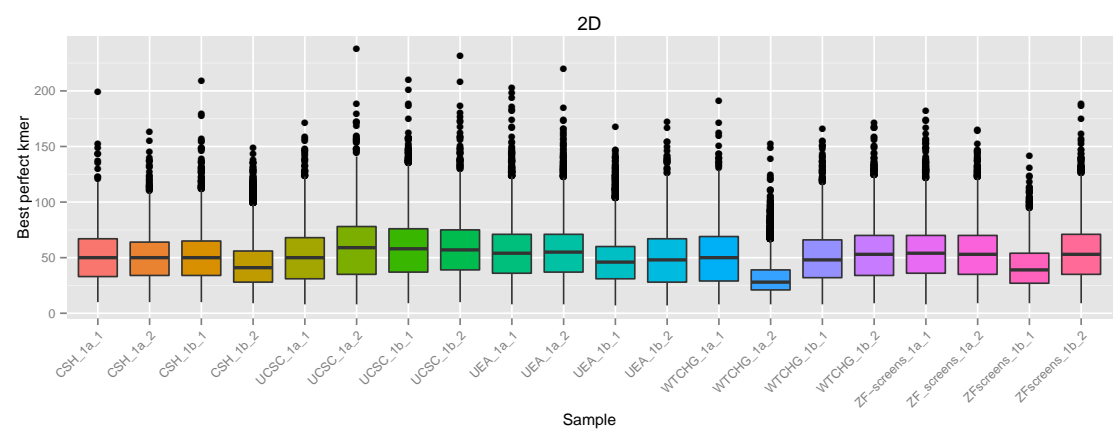
Escherichia coli GC

Escherichia coli 2D Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TCTAG	CTAGA	CTCGT	GGGGT	TCTAA	GGGTC	TCCGT	CGGGG	CTCCC	CCCAA
CSH_1a_2	CTCGT	TCTAG	GGGTC	CTAGA	GGGGT	TCTAA	TTAGA	GAGTC	CGGGG	CCCAA
UCSC_1a_1	TCTAG	CTAGA	CTCGT	TCTAA	TTAGA	CCCAA	TAGAT	GGGTC	CCGTA	ATCTA
UCSC_1a_2	CTAGA	TCTAG	TCTAA	CTCGT	GGGTC	TTAGA	ATCTA	CCCAA	TAGAT	GGGGT
UEA_1a_1	TCTAG	CTAGA	TCTAA	CTCGT	GGGTC	TCCGT	TTAGA	CCCAA	GGATT	TTCTA
UEA_1a_2	CTAGA	TCTAG	GGGTC	TCTAA	CTCGT	TCCGT	TTAGA	GATTC	TAGAA	GCCTC
WTCHG_1a_1	CTAGA	TCTAG	TCTAA	CTCGT	CCCAA	TCCGT	TTAGA	GGGTC	TTCTA	GATTC
WTCHG_1a_2	TCTAG	CTCGT	CTAGA	GGGGT	TTAGT	CCTCC	TAGAT	CTTAG	GGGTC	CGGGG
ZF-screens_1a_1	CTAGA	TCTAG	TCTAA	CTCGT	CCTCC	TAGAT	GGGTC	ATCTA	TTAGA	CCGTA
ZF_screens_1a_2	CTAGA	TCTAG	CTCGT	TCTAA	GGGTC	CCTCC	GCCTC	TAGAT	GGGGT	ATCTA
CSH_1b_1	CTAGA	GGGGT	TCTAG	GGGTC	CTCGT	CCCAA	TCTAA	CCTAG	ATCTA	TAGAT
CSH_1b_2	CTCGT	TCTAG	CTAGA	GGGGT	TCTAA	CCCAA	CGGGG	ATCTA	TAGAT	TCGTA
UCSC_1b_1	CTAGA	TCTAG	CTCGT	TCTAA	CCCAA	GGGGT	GGGTC	CGGGG	TTAGA	CTAGG
UCSC_1b_2	GGGGT	CTAGA	TCTAG	CTCGT	GGGTC	CCTAG	CCCAA	CTAGG	CGGGG	TCTAA
UEA_1b_1	CTAGA	TCTAG	TAGAT	TCTAA	TTAGA	ATCTA	CTCGT	GCTAG	CCTCC	ACTAG
UEA_1b_2	CTAGA	TCTAG	GGGTC	CTCGT	TCTAA	CCCAA	GGGGT	TTAGA	GCCTC	TAGAT
WTCHG_1b_1	CTAGA	TCTAG	GGGTC	CTCGT	GGGGT	TCTAA	TAGAT	ATCTA	GTACC	CCCAA
WTCHG_1b_2	CTAGA	TCTAG	GGGGT	GGGTC	CTCGT	TAGAT	ATCTA	TCTAA	CCCAA	CCTAG
ZFscreens_1b_1	CTAGA	TAGAT	ATCTA	CCTCC	TCTAG	TCTAA	CTAGT	GGGTC	ACTAG	GCCTC
ZFscreens_1b_2	CTAGA	TCTAG	GGGGT	GGGTC	CTCGT	GCCTC	CCCAA	CCTAG	TCTAA	TAGAT

Escherichia coli 2D Under-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TTTTT	AAAAA	CGCCA	GCTGG	GCCAG	CGCTG	CCAGC	CTGGC	TGGCG	CAGCG
CSH_1a_2	TTTTT	AAAAA	CGCCA	GCTGG	GCCAG	CGCTG	TGGCG	CCAGC	CTGGC	AAAAT
UCSC_1a_1	TTTTT	AAAAA	CGCCA	GCTGG	GCCAG	CGCTG	TGGCG	AAAAT	CCAGC	CTGGC
UCSC_1a_2	TTTTT	AAAAA	CGCCA	GCCAG	CGCTG	GCTGG	CCAGC	AAAAT	TGGCG	CTGGC
UEA_1a_1	TTTTT	AAAAA	CGCCA	GCCAG	GCTGG	CGCTG	TGGCG	CCAGC	CTGGC	AAAAT
UEA_1a_2	TTTTT	AAAAA	CGCCA	GCCAG	GCTGG	CGCTG	CCAGC	TGGCG	CTGGC	AAAAT
WTCHG_1a_1	TTTTT	AAAAA	CGCCA	GCCAG	GCTGG	CGCTG	TGGCG	CCAGC	CTGGC	AAAAT
WTCHG_1a_2	TTTTT	AAAAA	CGCCA	GCCAG	GCTGG	CCAGC	TGGCG	CTGGC	CGCTG	CAGCG
ZF-screens_1a_1	TTTTT	AAAAA	CGCCA	GCTGG	CGCTG	GCCAG	TGGCG	CCAGC	CTGGC	AAAAT
ZF_screens_1a_2	TTTTT	AAAAA	CGCCA	GCCAG	GCTGG	CGCTG	TGGCG	CCAGC	CTGGC	AAAAT
CSH_1b_1	TTTTT	AAAAA	CGCTG	GCTGG	CGCCA	TGGCG	GCCAG	AAAAT	CCAGC	TGCGC
CSH_1b_2	TTTTT	AAAAA	CGCCA	GCTGG	GCCAG	TGGCG	CCAGC	CGCTG	CTGGC	AAAAT
UCSC_1b_1	TTTTT	AAAAA	CGCCA	CGCTG	GCTGG	GCCAG	CCAGC	TGGCG	AAAAT	CTGGC
UCSC_1b_2	TTTTT	AAAAA	CGCTG	CGCCA	GCTGG	GCCAG	CCAGC	TGGCG	AAAAT	TGCGC
UEA_1b_1	TTTTT	AAAAA	CGCCA	TGGCG	CGCTG	GCTGG	GCCAG	CGGCG	AAAAT	GAAAA
UEA_1b_2	TTTTT	AAAAA	CGCCA	CGCTG	GCTGG	GCCAG	TGGCG	CCAGC	CTGGC	AAAAT
WTCHG_1b_1	TTTTT	AAAAA	CGCCA	CGCTG	GCTGG	TGGCG	AAAAT	GCCAG	CGGCG	CAAAA
WTCHG_1b_2	TTTTT	AAAAA	CGCCA	CGCTG	GCTGG	TGGCG	GCCAG	AAAAT	CCAGC	TGGTG
ZFscreens_1b_1	TTTTT	AAAAA	CGCCA	TGGCG	CGCTG	GCTGG	GAAAA	TTTTC	AAAAT	TTTTG
ZFscreens_1b_2	TTTTT	AAAAA	CGCTG	GCTGG	CGCCA	GCCAG	TGGCG	AAAAT	CCAGC	CTGGC