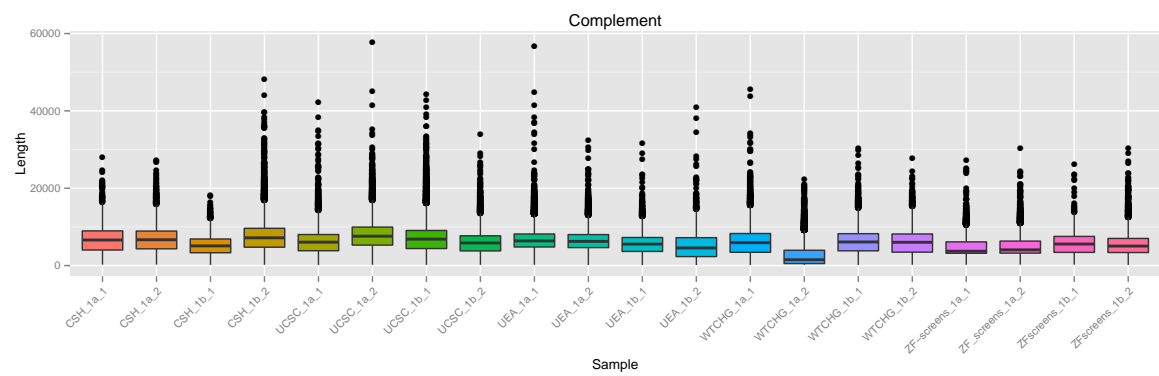
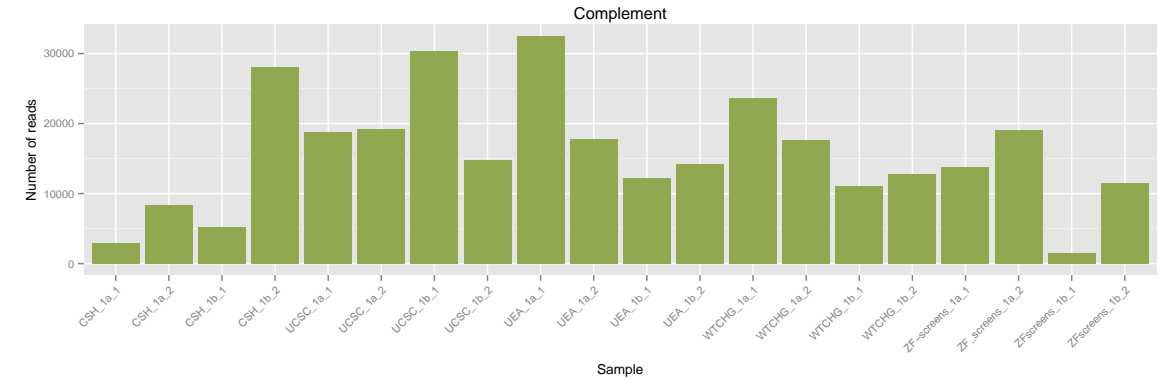


# NanoOK comparison report

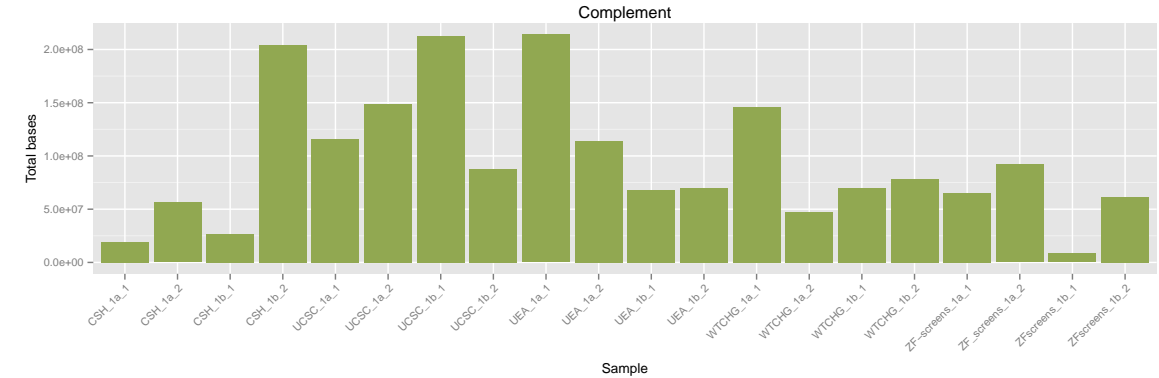
## Read lengths



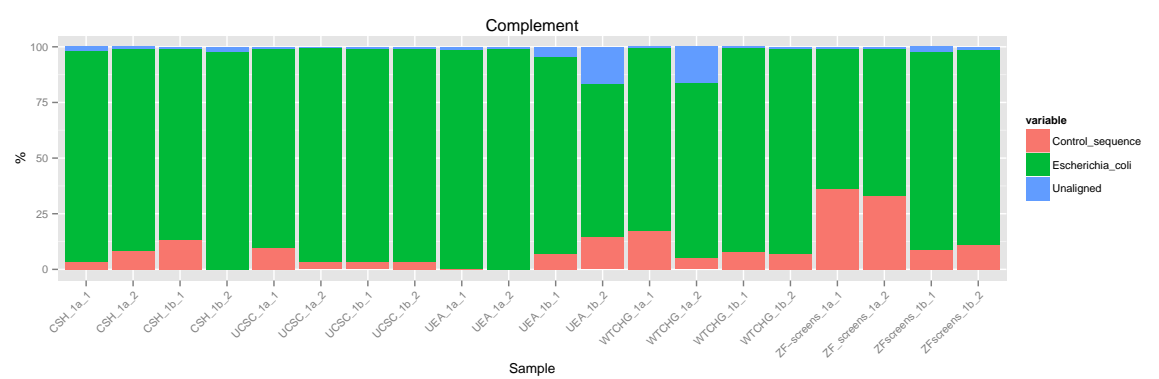
## Number of reads



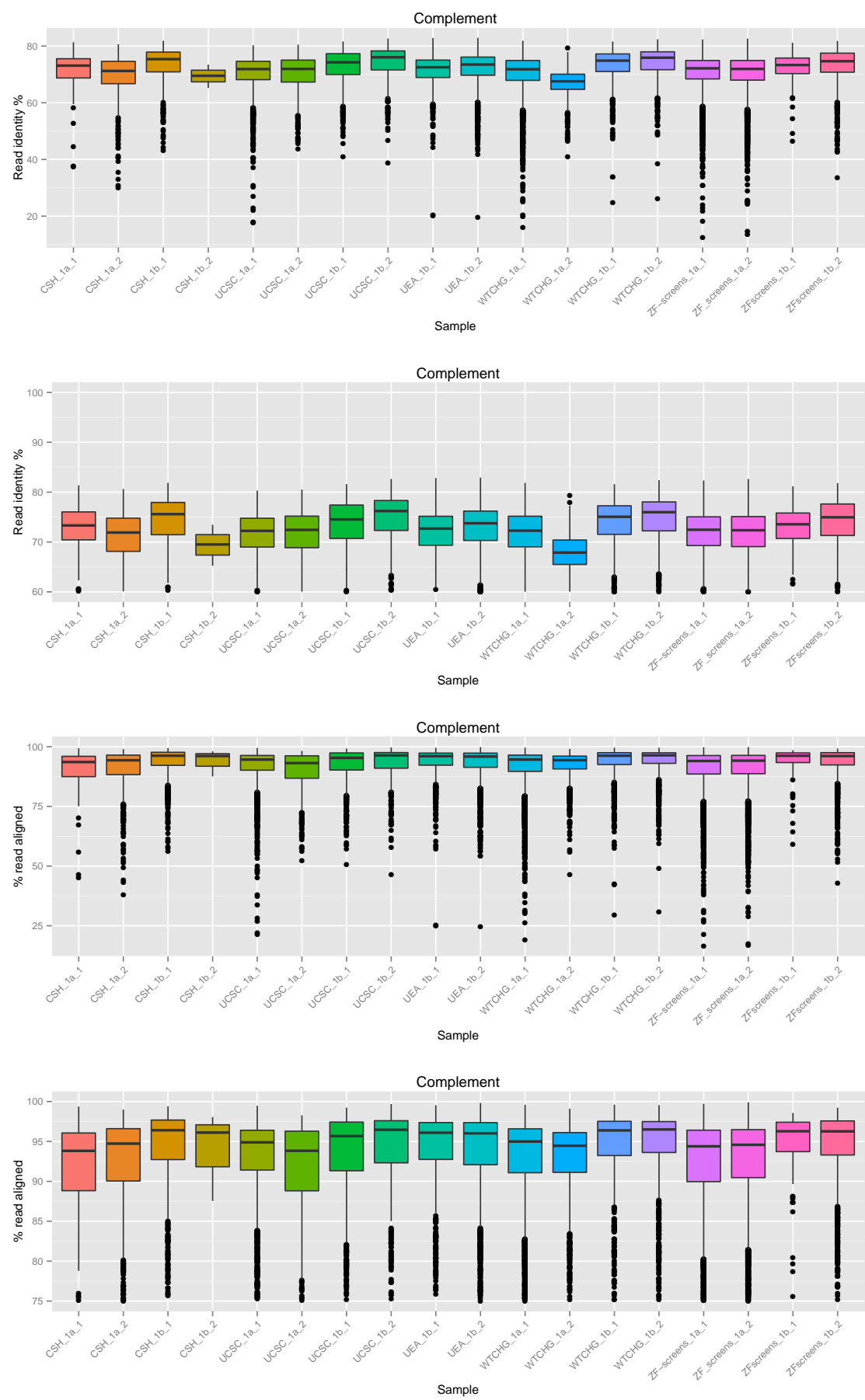
## Total bases



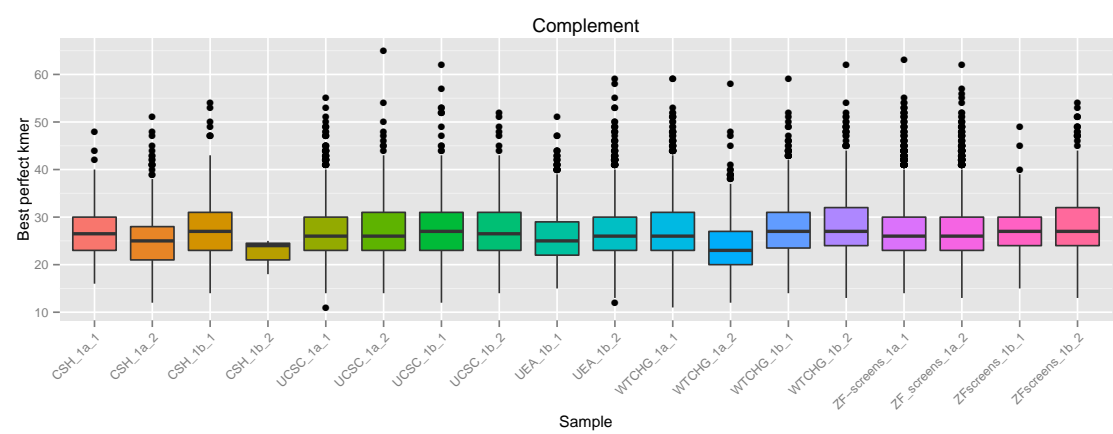
## Alignment summary



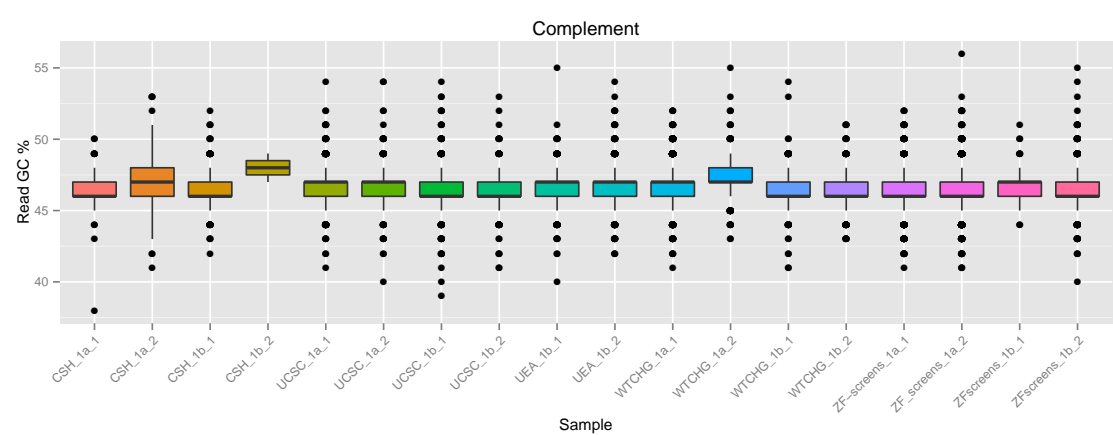
Control sequence identity



Control sequence best perfect kmer



Control sequence GC



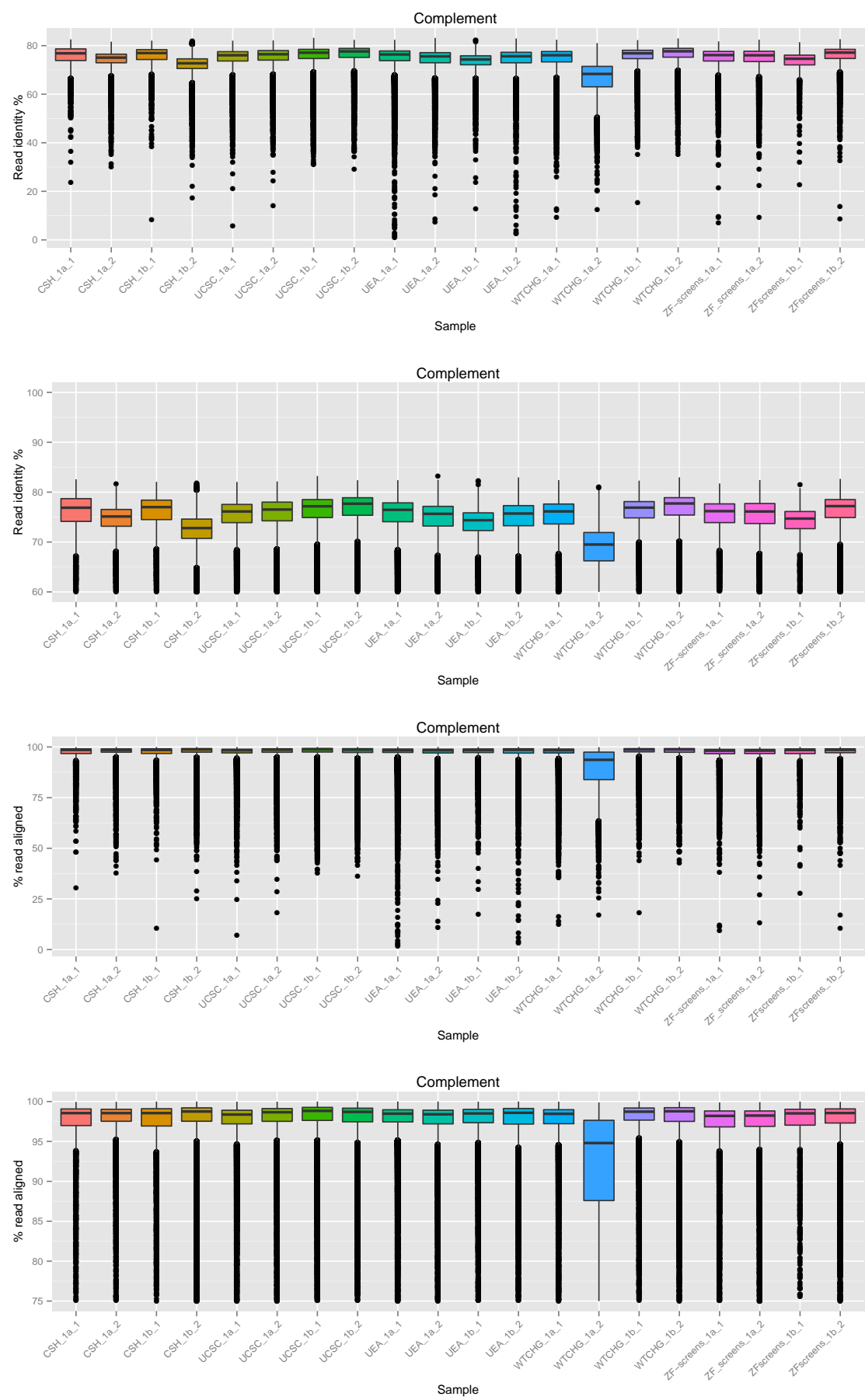
Control sequence Complement Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a.1	ACCCC	TATAC	TACTT	CTTTG	GAGGA	CGGCG	CTTAC	CCCCA	GATTTC	GGCTT
CSH_1a.2	ACCCC	CCCCA	TCAGC	TATAC	ACTCT	CATCT	GCCGA	CGGCC	TACTT	CTTTG
UCSC_1a.1	ACCCC	CCCCA	TCAGC	TATAC	GAGGA	TACTT	CTTTG	ACTCT	GCCGA	TCTAC
UCSC_1a.2	ACCCC	TCAGC	TATAC	CCCCA	TGCTT	TACTT	CTTTG	GAGGA	ACTCT	TAAGC
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	ACCCC	CCCCA	TCAGC	TATAC	GAGGA	TACTT	ACTCT	CTTTG	GCCGA	TCTAC
WTCHG_1a.2	GAGAG	AGAGA	ACCCC	CCCCA	CGAGA	ACTCT	GTATC	GAGGA	GTGTG	CCCGC
ZF_screens_1a.1	ACCCC	TATAC	TACTT	CTTTG	TCAGC	GAGGA	GGAAT	TGCTT	CCCCA	TCTAC
ZF_screens_1a.2	ACCCC	TATAC	TCAGC	GAGGA	TACTT	CTTTG	CCCCA	GGAAT	TGCTT	TCTAC
CSH_1b.1	TATAC	TGCGA	ACCCC	GGAAT	GAGGA	CTTTG	CCCCA	TACTT	TCAGC	TGCTT
CSH_1b.2	GAGAT	TCTAC	CGAGA	CTACC	CTCTC	ACACT	AGCTC	CCCCA	CCCGC	CTTGT
UCSC_1b.1	TATAC	ACCCC	GGAAT	GAGGA	CTTTG	CCCCA	TCAGC	TGCTT	TACTT	TGCGA
UCSC_1b.2	GGAAT	TATAC	CTTTG	TGCGA	ACCCC	GAGGA	GGCTT	CCCCA	TGCTT	GATTTC
UEA_1b.1	ACCCC	GAGGA	CCCCA	GTATC	TATAC	ACTCT	TACTT	TGCGA	CTTTG	CGAGA
UEA_1b.2	ACCCC	CCCCA	GAGGA	TATAC	TCAGC	ACTCT	CTTTG	GCCGA	TGCGA	TACTT
WTCHG_1b.1	ACCCC	CCCCA	GAGGA	TATAC	CTTTG	TGCGA	TCAGC	TACTT	ACTCT	GGAAT
WTCHG_1b.2	GGAAT	TATAC	CTTTG	GAGGA	ACCCC	TGCGA	TACTT	TCAGC	GATTTC	CCCCA
ZFscreens_1b.1	GAGGA	ACCCC	CCCCA	GAGAG	TATAC	TGCGA	ACTCT	CCCGC	GCGAA	GGAGA
ZFscreens_1b.2	ACCCC	GAGGA	GGAAT	CTTTG	CCCCA	TATAC	TACTT	TCAGC	GATTTC	TCTAC

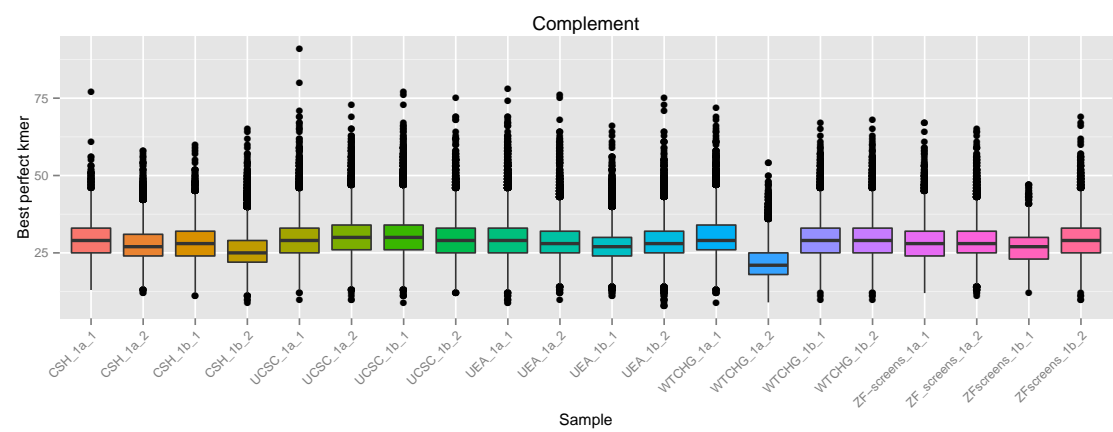
## Control sequence Complement Under-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TTTTT	AAAAA	AAAAC	GATGT	TGATG	GCAAT	ACACG	TTATC	AACAA	GTCAG
CSH_1a_2	TTTTT	AAAAA	AAAAC	TGATG	GATGT	GCAAT	AACAA	TGAAG	GTCAG	TTATC
UCSC_1a_1	TTTTT	AAAAA	AAAAC	TGATG	GATGT	GCAAT	AACAA	TTATC	CTGAT	TGAAG
UCSC_1a_2	TTTTT	AAAAA	AAAAC	TGATG	GATGT	GCAAT	AACAA	TTATC	TGAAG	GTCAG
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	AAAAC	TGATG	GATGT	GCAAT	AACAA	TTATC	TGAAG	AGTAA
WTCHG_1a_2	TTTTT	AAAAA	TGATG	GATGT	AAAAC	GCAAT	AGTAA	TGAAG	TAATA	AACAA
ZF-screens_1a_1	TTTTT	AAAAA	AAAAC	TGATG	GATGT	GCAAT	AACAA	TTATC	ACACG	TGAAG
ZF-screens_1a_2	TTTTT	AAAAA	AAAAC	GATGT	TGATG	GCAAT	AACAA	TTATC	ACACG	AGTAA
CSH_1b_1	TTTTT	AAAAA	AAAAC	AACAA	GCAAT	TGAAG	GTCAG	ACACG	GATGT	TTATC
CSH_1b_2	TTTTT	AAAAA	AAAAC	TGAAG	TAATA	GCTGA	ATGTT	GAGCA	GATGT	GATGC
UCSC_1b_1	TTTTT	AAAAA	AAAAC	GCAAT	GATGT	TGAAG	GTCAG	AACAA	ACACG	TGATG
UCSC_1b_2	TTTTT	AAAAA	AAAAC	GTCAG	TGAAG	GCAAT	ACACG	AACAA	GATGT	TTATC
UEA_1b_1	TTTTT	AAAAA	AAAAC	GCAAT	GATGT	GTCAG	TGATG	TGAAG	AACAA	AGTAA
UEA_1b_2	TTTTT	AAAAA	AAAAC	GATGT	GCAAT	TGATG	AACAA	GTCAG	TGAAG	ACACG
WTCHG_1b_1	TTTTT	AAAAA	AAAAC	GATGT	GCAAT	TGATG	GTCAG	TGAAG	AACAA	ACACG
WTCHG_1b_2	TTTTT	AAAAA	AAAAC	GCAAT	GATGT	ACACG	GTCAG	TGAAG	AACAA	TTATC
ZFscreens_1b_1	TTTTT	AAAAA	AAAAC	GATGT	TGAAG	GCAAT	AACAA	GTCAG	TGATG	AGTAA
ZFscreens_1b_2	TTTTT	AAAAA	AAAAC	GATGT	GCAAT	TGATG	AACAA	GTCAG	ACACG	TGAAG

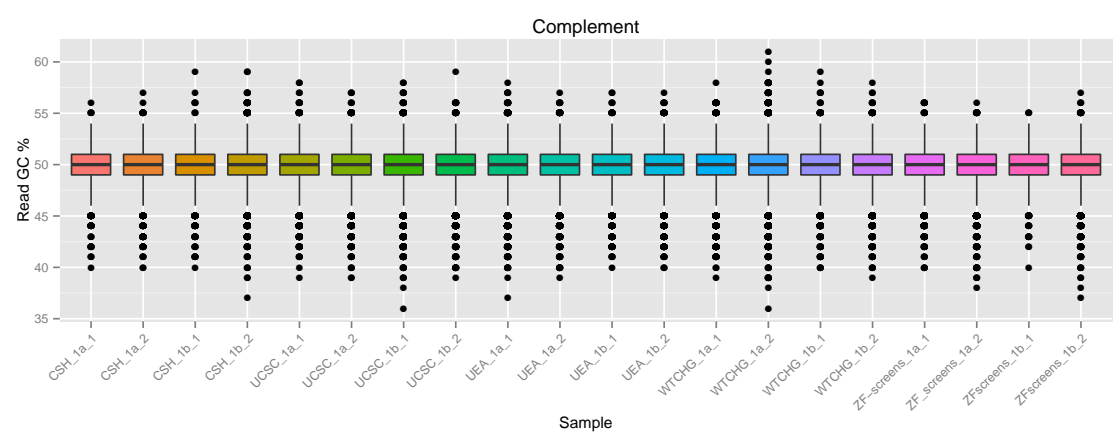
Escherichia coli identity



Escherichia coli best perfect kmer



Escherichia coli GC



Escherichia coli Complement Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a.1	ACCCC	CCCCG	CCTAG	CGGCT	CTAGA	CTGAG	TAGGA	GAGGC	TACCC	TCCTA
CSH_1a.2	ACCCC	CCCCG	CCCCA	TCCCC	TACCC	GAGAG	CCCCC	CTACC	CTCTC	CTGAG
UCSC_1a.1	ACCCC	CCCCG	CCCCA	GAGAG	TACCC	TCCCC	CTGAG	GACCC	CCTAA	CCTAG
UCSC_1a.2	ACCCC	CCCCG	CCCCA	CTGAG	TACCC	CCTAA	CCTAG	CGGCT	TCCTA	GACCC
UEA_1a.1	ACCCC	CCCCG	CCCCA	TACCC	CCTAG	CTGAG	TCCCC	CCTAA	GACCC	TCCTA
UEA_1a.2	ACCCC	CCCCG	CCCCA	TACCC	CGGCT	CTGAG	CCTAA	CCTAG	GAGGC	TCCTA
WTCHG_1a.1	ACCCC	CCCCG	CCCCA	GAGAG	TACCC	TCCCC	CCTAG	CCTAA	CTGAG	GACCC
WTCHG_1a.2	GAGAG	AGAGA	ACCCC	CCCCG	CTCTC	CCCCA	CCCCC	TGTGT	TCCCC	TATCT
ZF-screens_1a.1	ACCCC	CCCCG	TACCC	CCCCA	CTGAG	CCTAG	CCTAA	TCCTA	TACCT	TAGGA
ZF-screens_1a.2	ACCCC	CCCCG	TACCC	CTGAG	CCCCA	CCTAG	TCCTA	CCTAA	TAGGA	CGGCT
CSH_1b.1	ACCCC	CCCCG	CTGAG	TCCTA	TACCC	CCCCA	CCTAG	CCTAA	TACCT	TCCCC
CSH_1b.2	ACCCC	CCCCG	GAGAG	CCCCA	AGAGA	TACCC	CTCTC	TCCCC	CCCCC	CTAGC
UCSC_1b.1	ACCCC	CCCCG	CCCCA	CCTAG	CTGAG	TACCC	CCTAA	GACCC	TCCCC	CGGCT
UCSC_1b.2	ACCCC	CCCCG	CTGAG	CCTAG	TCCTA	TACCC	TAGGA	CCTAA	TACCT	GAACC
UEA_1b.1	ACCCC	GAGAG	CCCCG	AGAGA	CCCCA	CTCTC	TCCCC	CTGAG	CTAGC	CCCCT
UEA_1b.2	ACCCC	CCCCG	CCCCA	GAGAG	TACCC	TCCCC	CCTAA	CCTAG	CCCCT	GACCC
WTCHG_1b.1	ACCCC	CCCCG	CCCCA	TACCC	TCCCC	CTGAG	CCTAG	CCTAA	GACCC	CCCCT
WTCHG_1b.2	ACCCC	CCCCG	CTGAG	TAGGA	CTAGC	GAACC	TCCTA	TACCC	TACCT	CGGCT
ZFscreens_1b.1	ACCCC	GAGAG	CCCCG	AGAGA	CCCCA	TACCC	TCCCC	CCCCT	CTCTC	GACCC
ZFscreens_1b.2	ACCCC	CCCCG	CTGAG	CCTAG	TACCC	CCCCA	CCTAA	TAGGA	GACCC	TCCTA

## Escherichia coli Complement Under-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	CGCCA	AAAAA	TTTTT	CCAGC	GCCAG	CACCA	CTGGC	CGCTG	CAGCA	GCGCA
CSH_1a_2	CGCCA	AAAAA	TTTTT	CACCA	CAGCA	CTGGC	CGCTG	CCAGC	TGGCG	GCCAG
UCSC_1a_1	CGCCA	TTTTT	AAAAA	CACCA	CAGCA	CCAGC	CGCTG	CTGGC	GCCAG	TGGCG
UCSC_1a_2	CGCCA	AAAAA	TTTTT	CACCA	CAGCA	CGCTG	CCAGC	CTGGC	GCCAG	TGGCG
UEA_1a_1	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	CGCTG	GCCAG	CAGCA	CTGGC	TGGCG
UEA_1a_2	CGCCA	AAAAA	TTTTT	CCAGC	CACCA	CGCTG	GCCAG	CAGCA	CTGGC	TGGCG
WTCHG_1a_1	CGCCA	AAAAA	TTTTT	CCAGC	CACCA	CGCTG	CAGCA	GCCAG	CTGGC	TGGCG
WTCHG_1a_2	CGCCA	CCAGC	CGCTG	AAAAA	CAGCA	CTGGC	CACCA	GCCAG	TTTTT	TGGCG
ZF-screens_1a_1	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	CAGCA	CGCTG	GCCAG	CTGGC	TGGCG
ZF-screens_1a_2	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	GCCAG	CGCTG	CAGCA	CTGGC	TGGCG
CSH_1b_1	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	CAGCA	GCCAG	CGCTG	CTGGC	TGGCG
CSH_1b_2	CGCCA	AAAAA	CGCTG	CACCA	CCAGC	CAGCA	CTGGC	TTTTT	GCCAG	TGGCG
UCSC_1b_1	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	CGCTG	GCCAG	CAGCA	CTGGC	TGGCG
UCSC_1b_2	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	GCCAG	CAGCA	CGCTG	CTGGC	GCGCA
UEA_1b_1	CGCCA	TTTTT	AAAAA	CACCA	CCAGC	CAGCA	CGCTG	CTGGC	GCCAG	TGGCG
UEA_1b_2	CGCCA	AAAAA	TTTTT	CCAGC	CACCA	CGCTG	CAGCA	GCCAG	CTGGC	TGGCG
WTCHG_1b_1	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	CAGCA	CGCTG	GCCAG	CTGGC	TGGCG
WTCHG_1b_2	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	GCCAG	CAGCA	CGCTG	CTGGC	GCGCA
ZFscreens_1b_1	CGCCA	TTTTT	AAAAA	CACCA	CAGCA	CCAGC	CGCTG	GCCAG	CTGGC	CAGCG
ZFscreens_1b_2	CGCCA	AAAAA	TTTTT	CACCA	CCAGC	GCCAG	CGCTG	CAGCA	CTGGC	GCGCA