NanoOK comparison report

Read lengths

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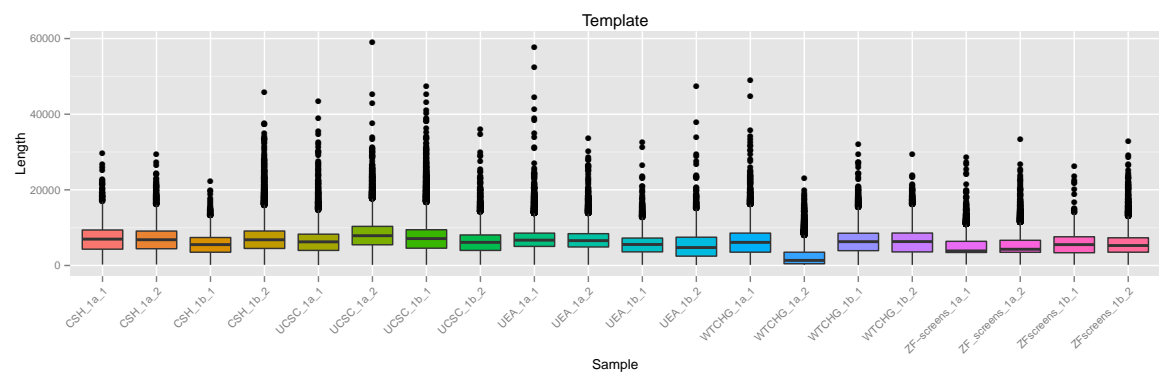
Number of reads
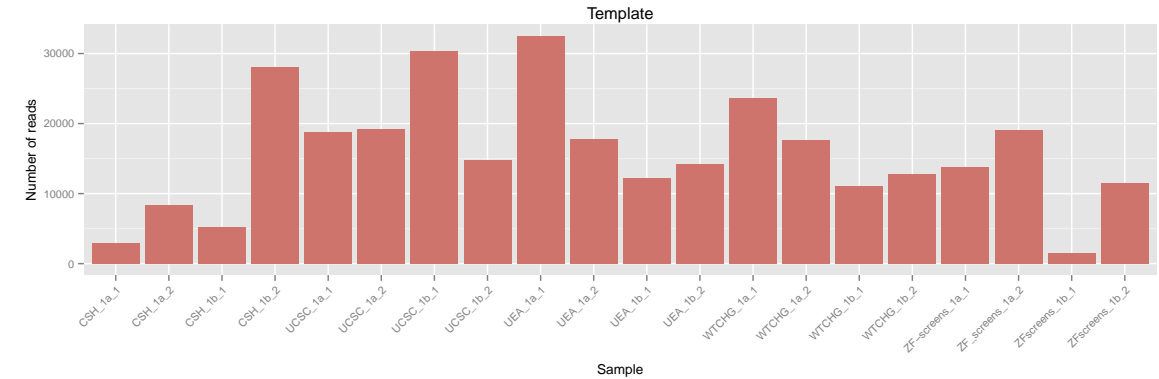
Template

Total bases
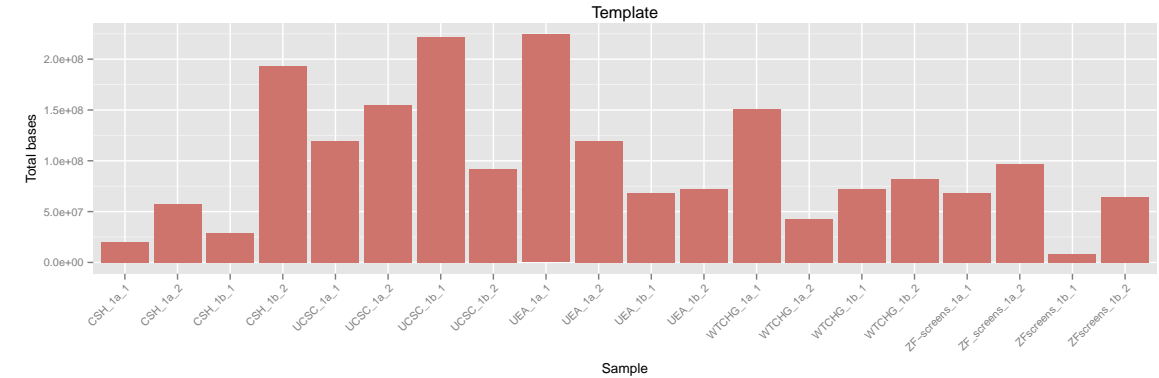
Template

Alignment summary

Template

Control sequence identity

Control sequence best perfect kmer

Control sequence GC

Control sequence Template Over-represented 5-mers

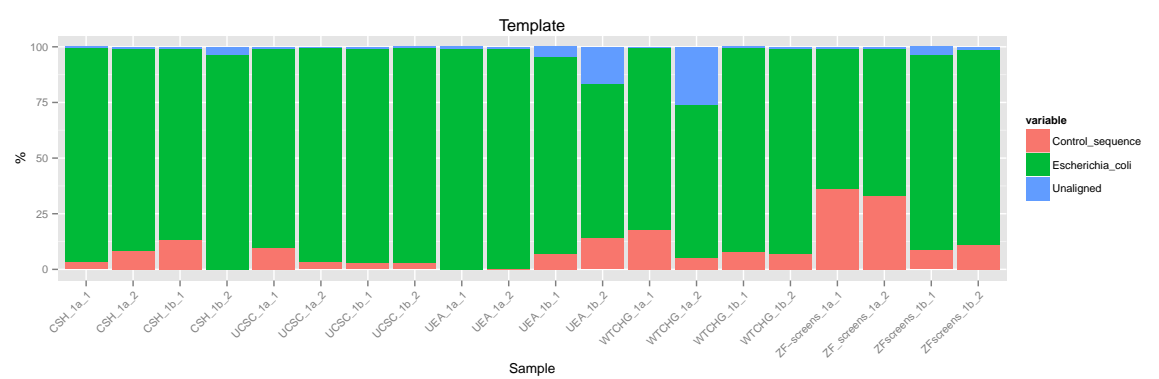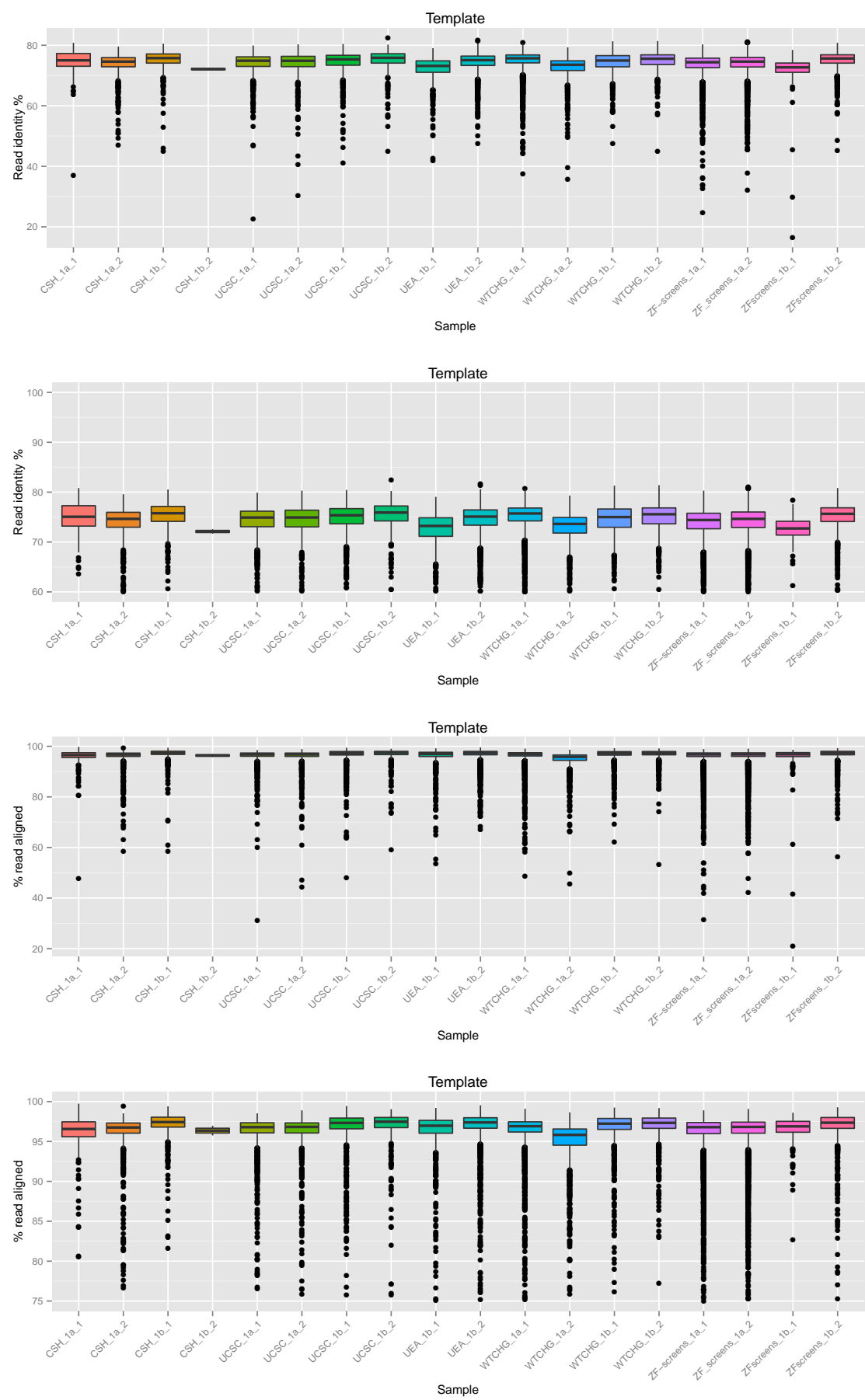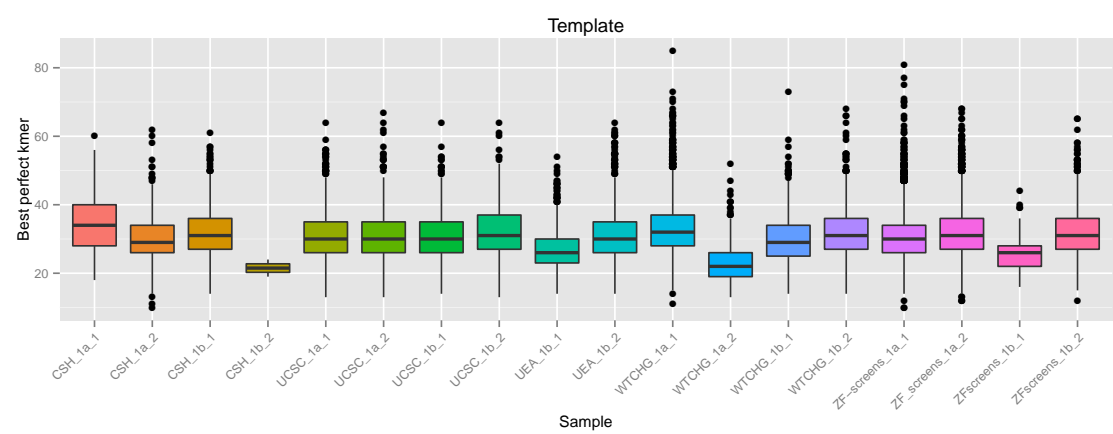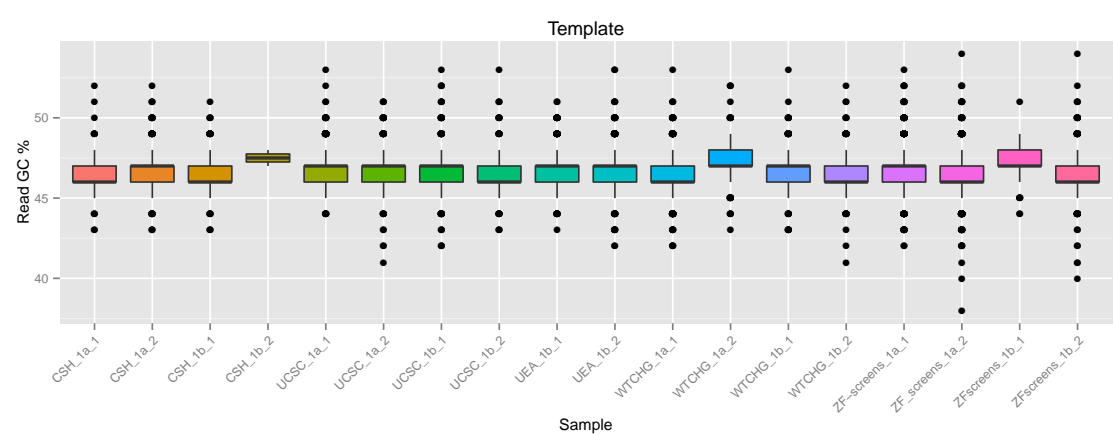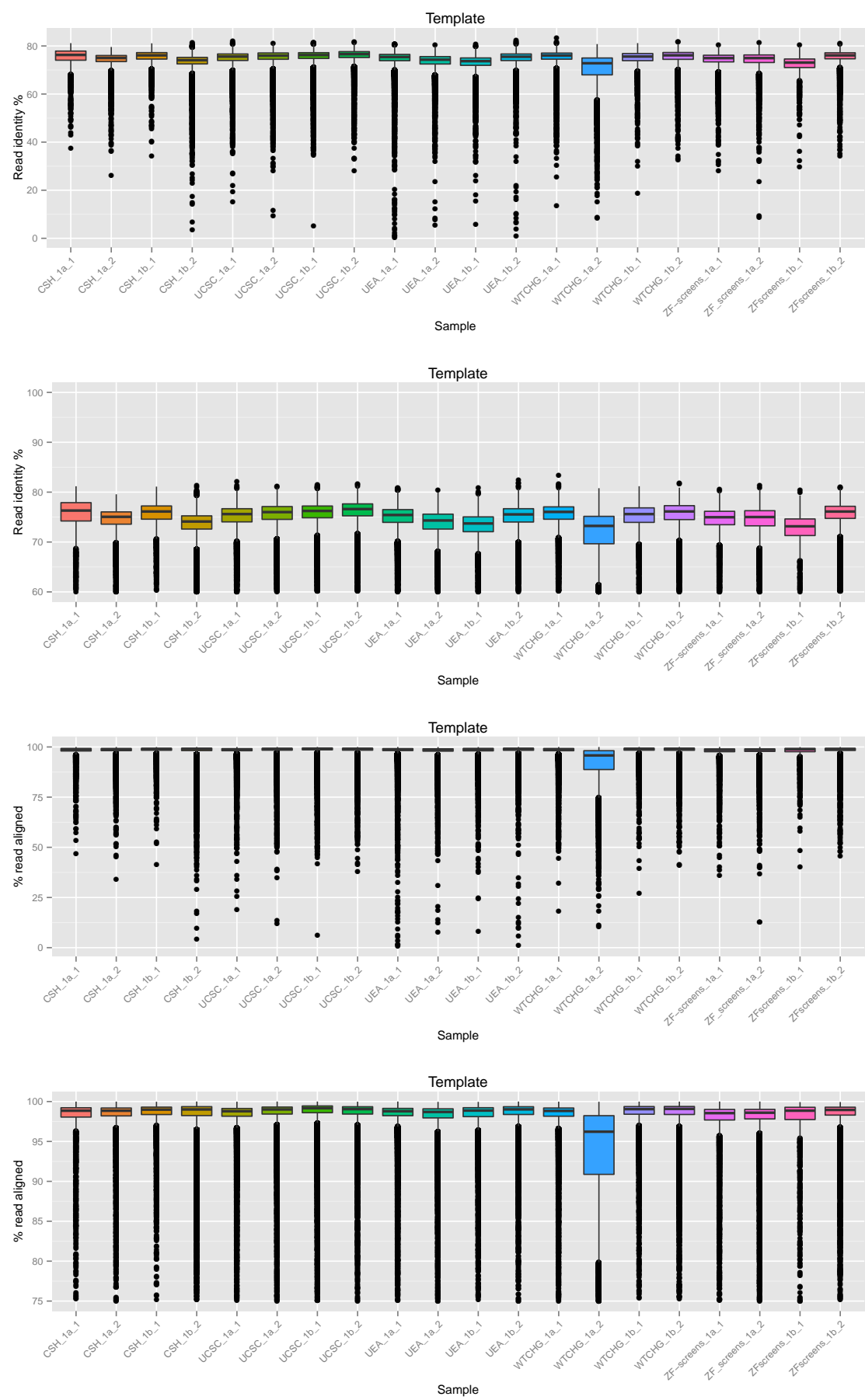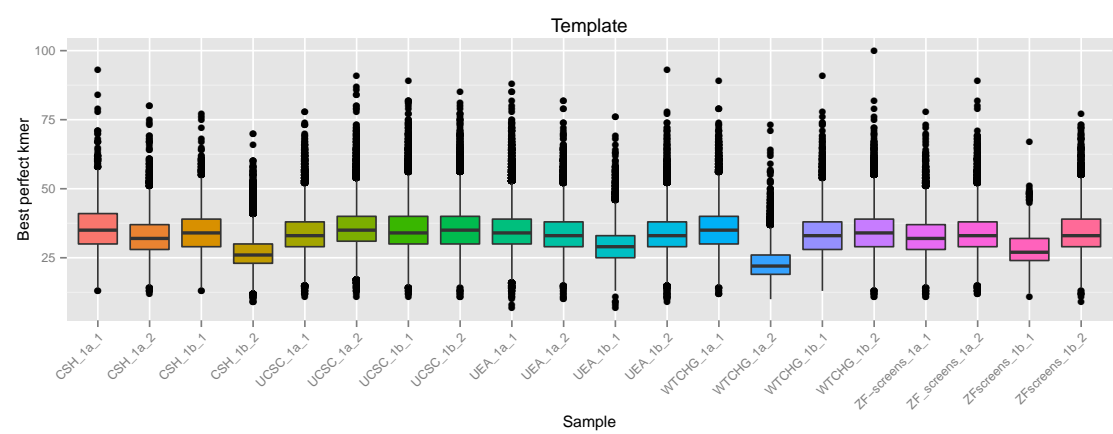| Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	CATCT	ATCTA	TCTAC	CTTTG	ACCCC	CGAGA	GATTC	TCAGC	CGTTC	TACTT
CSH_1a_2	CGAGA	CTTTG	CATCT	TCAGC	TCTTA	GATTC	CGTTC	GTCTT	CCCGC	ACCCC
UCSC_1a_1	CTTTG	CATCT	CGAGA	TCTAC	GCGAA	CCCCA	ATCTA	TCTTA	ACCCC	TCAGC
UCSC_1a_2	CATCT	CTTTG	TCTAC	ATCTA	GCGAA	TCAGC	CGAGA	ACCCC	TACTT	TCTTA
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	CTTTG	CATCT	CGAGA	TCTAC	TCAGC	ATCTA	GATTC	TCTTA	ACCCC	CGTTC
WTCHG_1a_2	TCTTA	CTTTG	GTCTT	TCAGC	AACGT	GCTCC	TTCGT	GAGGA	CATCT	CAGCA
ZF-screens_1a_1	CTTTG	CATCT	TCTAC	ATCTA	ACCCC	CGAGA	GCGAA	CCCCA	TACTT	TCTTA
ZF_screens_1a_2	CTTTG	CATCT	TCTAC	ATCTA	CGAGA	ACCCC	GCGAA	TCTTA	CCCCA	TCAGC
CSH_1b_1	CATCT	CTTTG	TCTAC	ATCTA	AACCA	TACTT	ACCCC	TACAT	GCTCC	TCAGC
CSH_1b_2	TCCCA	GCGAA	CGTAG	TCTAC	TCAGC	CTCAT	AGCCT	ACTCT	GTCTA	TAGCC
UCSC_1b_1	CTTTG	TCTAC	CATCT	ATCTA	ACCCC	CGAGA	GCGAA	CCCCA	TCTTA	GCTCC
UCSC_1b_2	CTTTG	CATCT	TCTAC	ATCTA	TACTT	GCTCC	AACCA	ACCCC	TCAGC	GCGAA
UEA_1b_1	CTTTG	TCTTA	CATCT	GCTCC	CGAGA	TCAGC	CCCGC	TCTAC	GCGAA	GTATC
UEA_1b_2	CTTTG	CATCT	TCTAC	CGAGA	TCAGC	ACCCC	CCCGC	TCTTA	GCGAA	CCCCA
WTCHG_1b_1	CTTTG	CATCT	TCTAC	CGAGA	ATCTA	CCCGC	ACCCC	CCCCA	GCGAA	GCTCC
WTCHG_1b_2	CTTTG	CATCT	TCTAC	ATCTA	TACTT	GCTCC	ACCCC	AACCA	GCGAA	TACAT
ZFscreens_1b_1	CTTTG	GCTCC	CATCT	CCCCA	TCTAC	GCGAA	TCTTA	ACTCT	CGAGA	CCCGC
ZFscreens_1b_2	CTTTG	CATCT	TCTAC	ATCTA	GCTCC	GCGAA	TACTT	ACCCC	TCTTA	TCAGC

Control sequence Template Under-represented 5-mers

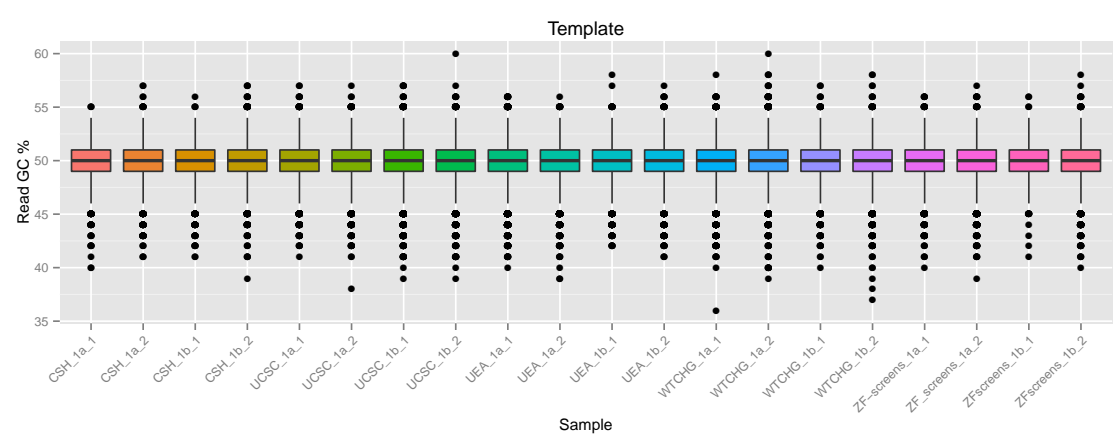| Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	TAATA	AACAA	GCAAT	GCTGA
CSH_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	AACAA	GCAAT	GCTGA	AATAT
UCSC_1a_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	AGTAA	AATAT	AACAA	GCTGA
UCSC_1a_2	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	AGTAA	GCTGA	AACAA	GCAAT
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	AACAA	GCTGA	GCAAT	AGTAA
WTCHG_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	AATAT	AGTAA	TAAAA	GCAAT
ZF-screens_1a_1	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	AACAA	GCTGA	AGTAA	GCAAT
ZF_screens_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	AACAA	GCTGA	AGTAA	GCAAT
CSH_1b_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCTGA	GCAAT	AATAT	AACAA
CSH_1b_2	TTTTT	AAAAA	TGATG	AAAAC	CTGAT	GATGT	GCAAT	TATCG	AATAT	TTATC
UCSC_1b_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCAAT	AGTAA	AACAA	AATAT
UCSC_1b_2	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCTGA	GCAAT	AATAT	AACAA
UEA_1b_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	AATAT	GCAAT	AGTAA	TGAAG
UEA_1b_2	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCTGA	GCAAT	AGTAA	AATAT
WTCHG_1b_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCAAT	AGTAA	AATAT	AACAA
WTCHG_1b_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCAAT	AGTAA	GCTGA	AATAT
ZFscreens_1b_1	TTTTT	AAAAA	TGATG	GATGT	CTGAT	AAAAC	AATAT	GCAAT	AGTAA	TGAAG
ZFscreens_1b_2	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	AGTAA	GCTGA	AATAT	GCAAT

Escherichia coli identity

Escherichia coli best perfect kmer

Template

Escherichia coli GC

Template

Escherichia coli Template Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	ACCCC	CCCCG	CCCCC	CCTAG	TAGGA	TCTAC	TACCC	CTAGG	CTCCC	AGGCA
CSH_1a_2	CCCCG	ACCCC	CCCCC	CCCCA	CCAAG	CCTAG	GGGTC	GCCCC	CTCCC	TTCGT
UCSC_1a_1	ACCCC	CCCCG	CCCCC	CCCCA	GAGAG	CTCCC	CCTAG	GCCCC	TCCCC	TCTAC
UCSC_1a_2	ACCCC	CCCCG	CCCCC	CCTAG	CCCCA	GCCCC	TCTAC	CTCCC	TACCC	CCCCT
UEA_1a_1	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	CTCCC	TCTAC	GCCCC	TACCC	TCCCC
UEA_1a_2	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	CTCCC	AGGCA	GCCCC	TACCC	TCTAC
WTCHG_1a_1	ACCCC	CCCCG	CCCCC	GAGAG	CCCCA	CCTAG	CTCCC	GCCCC	GGGTC	TCTAC
WTCHG_1a_2	TCGTA	TCGTC	CGTCT	GTCGT	CGTAT	TTCGT	CTCGT	CGTAG	GTCTT	CGTCG
ZF-screens_1a_1	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	GCCCC	CTCCC	TCTAC	TCCCC	TACCC
ZF_screens_1a_2	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	CTCCC	TCTAC	GCCCC	TACCC	TCCCC
CSH_1b_1	ACCCC	CCCCG	CCCCC	CCTAG	CCCCA	GCCCC	TCTAC	CTCCC	CCCCT	TACCC
CSH_1b_2	CCCCG	ACCCC	CCCCC	CTCCC	CCCCA	TCGTA	TCCCC	TATCT	TCTAC	CGTAT
UCSC_1b_1	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	GCCCC	CTCCC	TCCCC	TCTAC	TACCC
UCSC_1b_2	ACCCC	CCCCG	CCCCC	CCTAG	CCCCA	TCTAC	GCCCC	CTCCC	TAGGA	CCCCT
UEA_1b_1	ACCCC	CCCCG	GAGAG	CCCCC	CTCCC	CCCCA	TCCCC	TATCT	CCCAA	CGGGG
UEA_1b_2	CCCCG	ACCCC	CCCCC	CCCCA	GCCCC	CCTAG	CTCCC	GAGAG	TCTAC	TACCC
WTCHG_1b_1	CCCCG	ACCCC	CCCCC	CCCCA	GCCCC	CTCCC	CCTAG	TCCCC	GAGAG	TCTAC
WTCHG_1b_2	ACCCC	CCCCG	CCCCC	CCTAG	CCCCA	TCTAC	CTCCC	GCCCC	TACCC	TCCCC
ZFscreens_1b_1	CCCCC	ACCCC	CCCCG	CCCCA	CTCCC	GAGAG	GCCCC	TCCCC	TACCC	TCTAC
ZFscreens_1b_2	ACCCC	CCCCG	CCCCC	CCTAG	CCCCA	TCTAC	CTCCC	GCCCC	TACCC	TCCCC

Escherichia coli Template Under-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	AAAAA	TTTTT	CGCTG	CGCCA	GCTGG	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG
CSH_1a_2	AAAAA	CGCTG	TTTTT	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	TGGCG	CGGCA
UCSC_1a_1	CGCTG	TTTTT	AAAAA	GCTGG	CGCCA	GCCAG	CCAGC	CTGGC	TGGCG	CAGCA
UCSC_1a_2	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG
UEA_1a_1	AAAAA	CGCTG	TTTTT	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	TGGCG	CAGCA
UEA_1a_2	CGCTG	AAAAA	TTTTT	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	TGGCG	CAGCA
WTCHG_1a_1	CGCTG	AAAAA	TTTTT	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	TGGCG	CAGCA
WTCHG_1a_2	AAAAA	TTTTT	CGCTG	CGCCA	GCTGG	GCCAG	CTGGC	TGGCG	CGCCG	ACGCC
ZF-screens_1a_1	CGCTG	AAAAA	TTTTT	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG
ZF_screens_1a_2	AAAAA	CGCTG	TTTTT	GCTGG	CGCCA	GCCAG	CCAGC	CTGGC	TGGCG	CAGCA
CSH_1b_1	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG
CSH_1b_2	AAAAA	CGCTG	TTTTT	GCTGG	CGCCA	GCCAG	CTGGC	TGGCG	CCAGC	CGCCG
UCSC_1b_1	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	CGGCA
UCSC_1b_2	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	CGGCA
UEA_1b_1	CGCTG	AAAAA	TTTTT	CGCCA	GCTGG	GCCAG	CCAGC	CTGGC	TGGCG	CGGCA
UEA_1b_2	CGCTG	TTTTT	AAAAA	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG
WTCHG_1b_1	CGCTG	TTTTT	AAAAA	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	CGGCA
WTCHG_1b_2	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	CGGCA
ZFscreens_1b_1	CGCTG	AAAAA	GCTGG	TTTTT	CGCCA	GCCAG	CCAGC	CTGGC	TGGCG	CGGCA
ZFscreens_1b_2	AAAAA	TTTTT	CGCTG	GCTGG	CGCCA	CCAGC	GCCAG	CTGGC	CAGCA	TGGCG