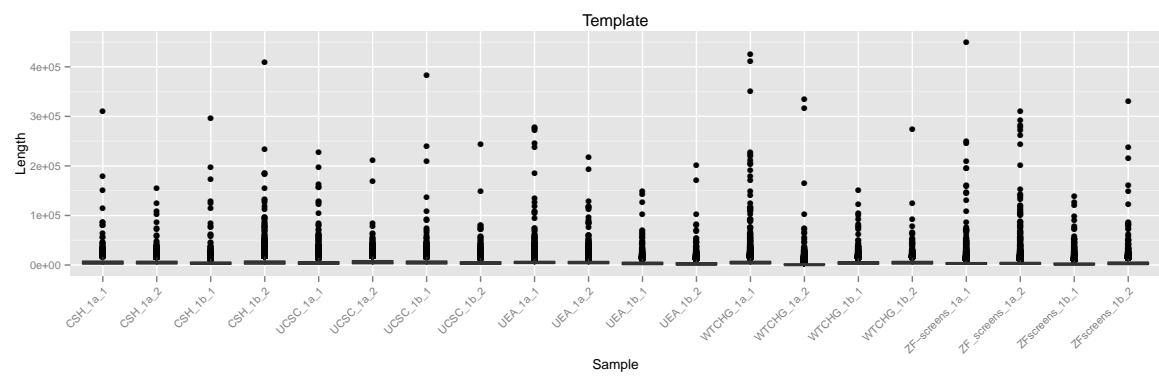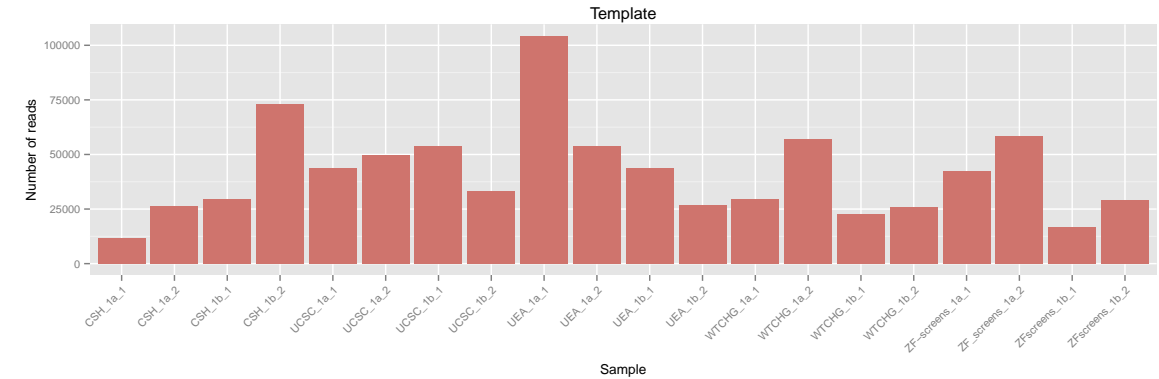# NanoOK comparison report
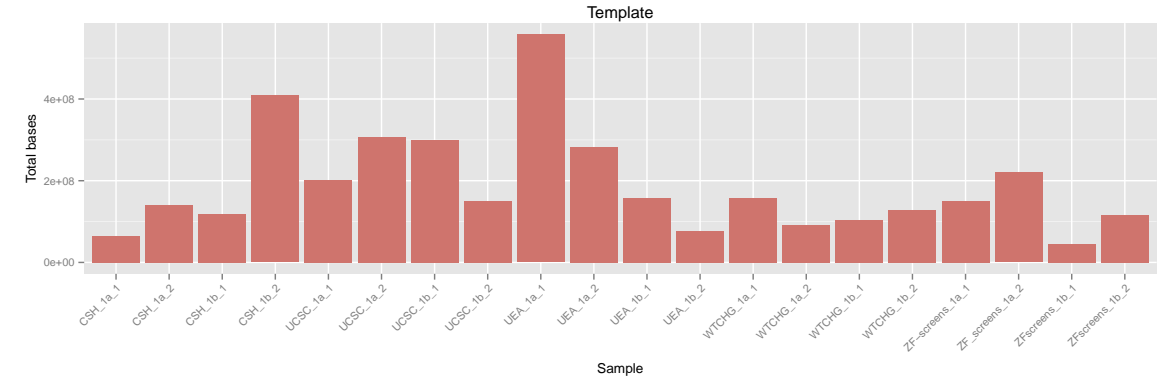
Read lengths
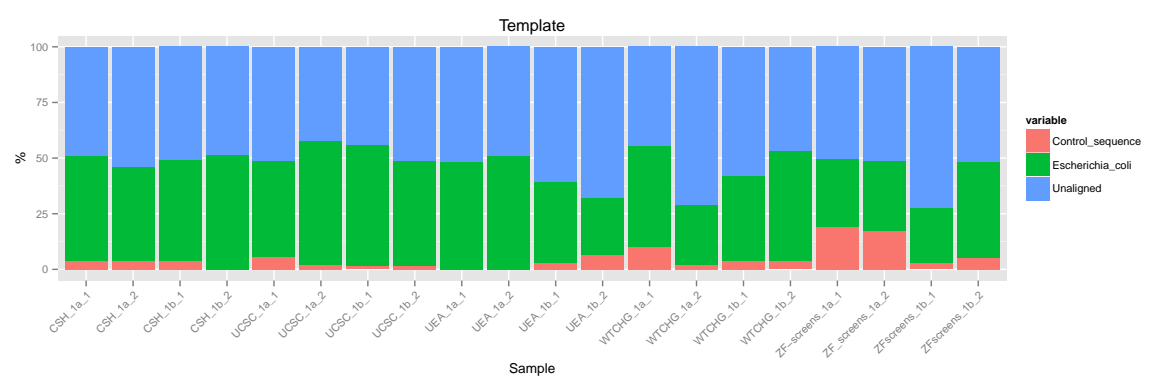

Template

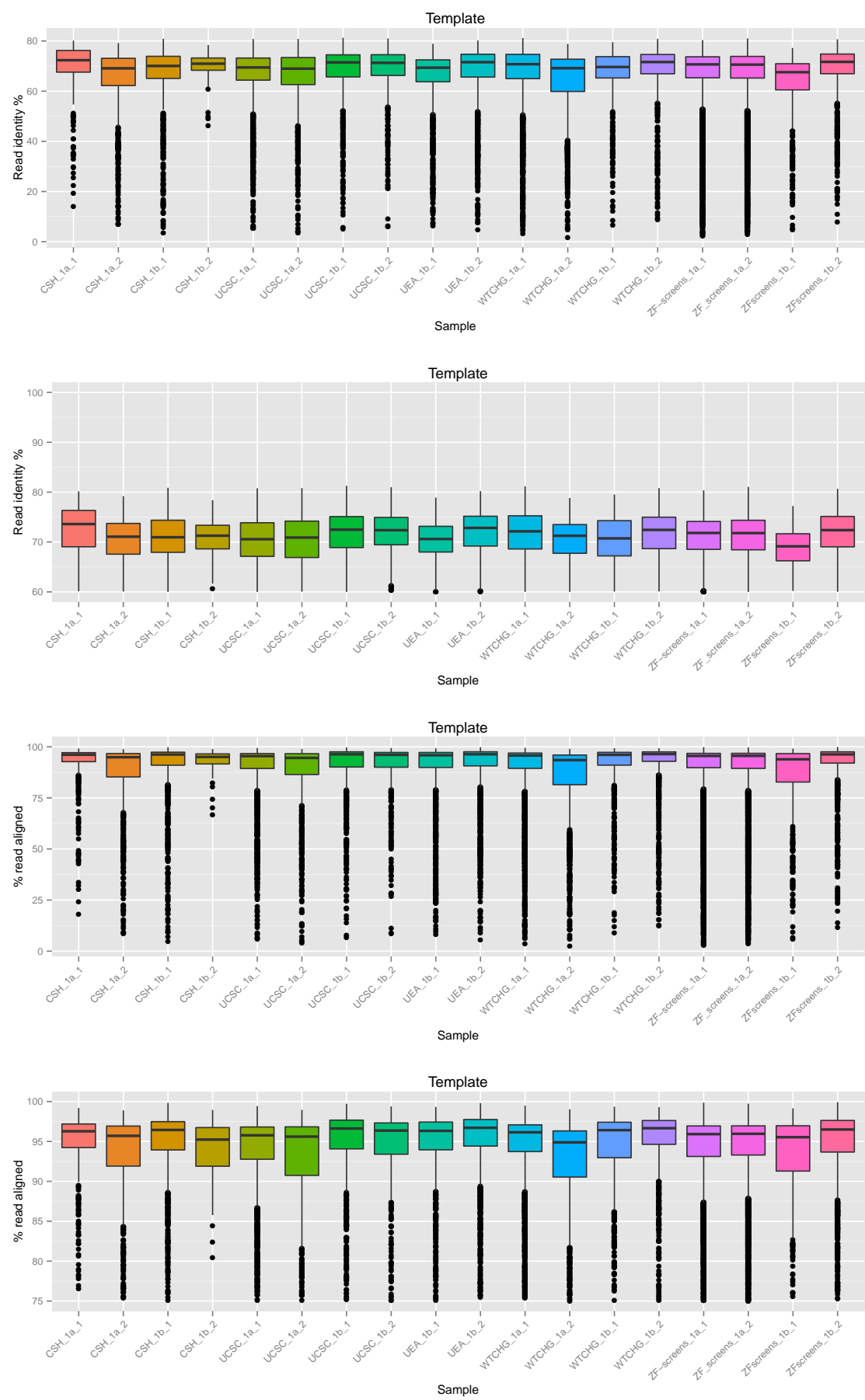## Number of reads

Template

Total bases

Template

Alignment summary

Template
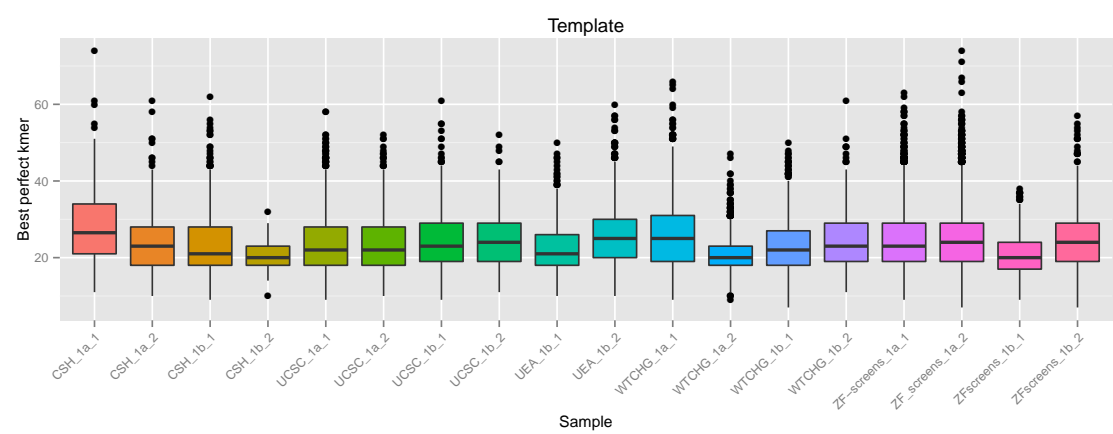
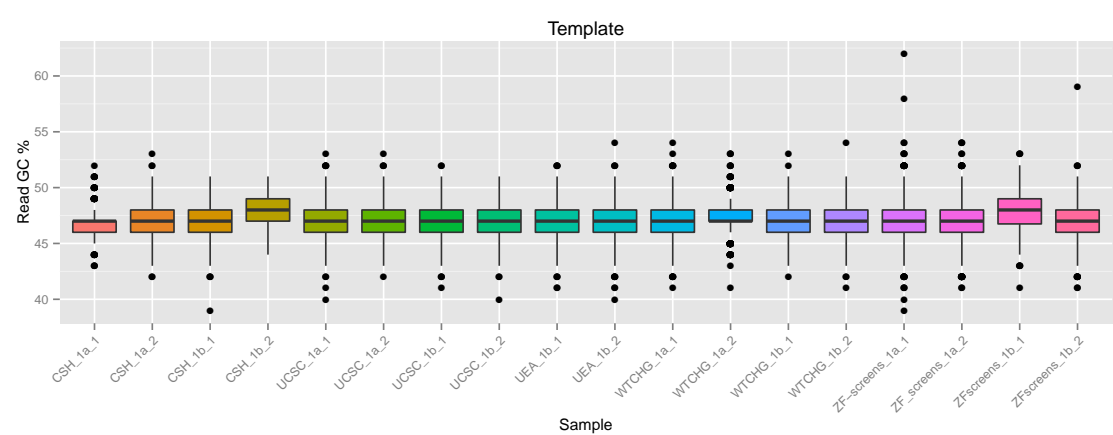# Control sequence identity

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	ATCTA	TCTAC	CTTTG	TACTT	CATCT	ACCCC	TCTTA	GATTC	CCCCA	GGAAT
CSH_1a_2	CTTTG	TCAGC	TACTT	CATCT	ACTCT	GAGGA	TCTTA	ATCTA	TTCGT	CCCCA
UCSC_1a_1	CTTTG	TACTT	GAGGA	TCAGC	ATCTA	CCCCA	ACTCT	CATCT	GCTCC	TCTTA
UCSC_1a_2	CTTTG	ATCTA	TACTT	TCAGC	GCTCC	CATCT	ACTCT	CCCCA	GAGGA	GTCGA
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	CATCT	ATCTA	CTTTG	GAGGA	TACTT	TCAGC	GCTCC	TTCGT	GATTC	CCCCA
WTCHG_1a_2	TCTTA	GAGGA	GCTCC	CTTTG	TCAGC	GTCTT	ACTCT	TACTT	CCCCA	TTCGT
ZF-screens_1a_1	CTTTG	ATCTA	TACTT	CATCT	CCCCA	GCTCC	TCTAC	ACCCC	ACTCT	TCAGC
ZF_screens_1a_2	CTTTG	ATCTA	TACTT	CATCT	CCCCA	GCTCC	TCTAC	ACCCC	GAGGA	TCAGC
CSH_1b_1	ATCTA	CTTTG	TACTT	GCTCC	CCCCA	CATCT	ACCCC	TCTAC	TACAT	GCCGA
CSH_1b_2	TCTTA	CCCCA	CTTTG	CGAGA	TACAT	GCGAA	CCCGC	ACCCC	CATCT	AACCA
UCSC_1b_1	ATCTA	CTTTG	TACTT	GCTCC	CCCCA	CATCT	ACCCC	TCTAC	GAGGA	GATTC
UCSC_1b_2	CTTTG	ATCTA	TACTT	CATCT	GCTCC	GAGGA	TACAT	GAAAC	TCTAC	GGATT
UEA_1b_1	CTTTG	GAGGA	CCCCA	TACTT	TCTTA	GCTCC	ATCTA	ACTCT	GTATC	CATCT
UEA_1b_2	CTTTG	ACCCC	CCCCA	CATCT	TCTAC	ATCTA	GAGGA	GCTCC	TACTT	TCTTA
WTCHG_1b_1	CTTTG	CCCCA	ATCTA	TACTT	GCTCC	ACTCT	CATCT	ACCCC	GAGGA	TCTAC
WTCHG_1b_2	CTTTG	ATCTA	TACTT	GCTCC	CATCT	CCCCA	TCTAC	ACCCC	TCAGC	TACAT
ZFscreens_1b_1	CCCCA	CTTTG	ACCCC	ACTCT	ATCTA	CCAAG	GCTCC	TCTTA	CCCGC	TCTAC
ZFscreens_1b_2	ATCTA	CTTTG	TACTT	CATCT	GCTCC	TCTAC	TACAT	CCCCA	ACCCC	GTGCC

3

Control sequence Template Under-represented 5-mers

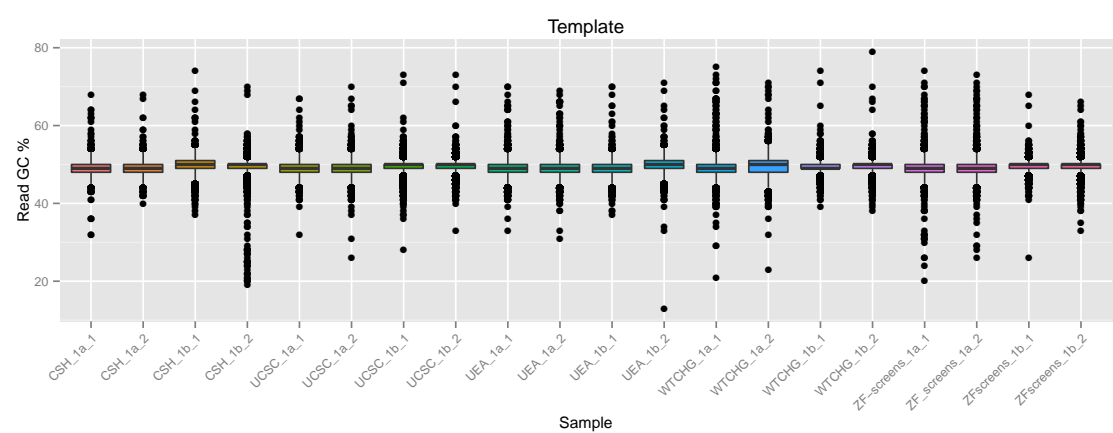| Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	TTTTT	AAAAA	TGATG	AAAAC	CTGAT	GATGT	AACAA	GCTGA	AGAAA	AATAT
CSH_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCAAT	AACAA	AATAT	GCTGA
UCSC_1a_1	TTTTT	AAAAA	TGATG	GATGT	AAAAC	CTGAT	GCAAT	AATAT	AGTAA	GCTGA
UCSC_1a_2	TTTTT	AAAAA	TGATG	AAAAC	GATGT	CTGAT	GCTGA	GCAAT	AATAT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

Escherichia coli identity
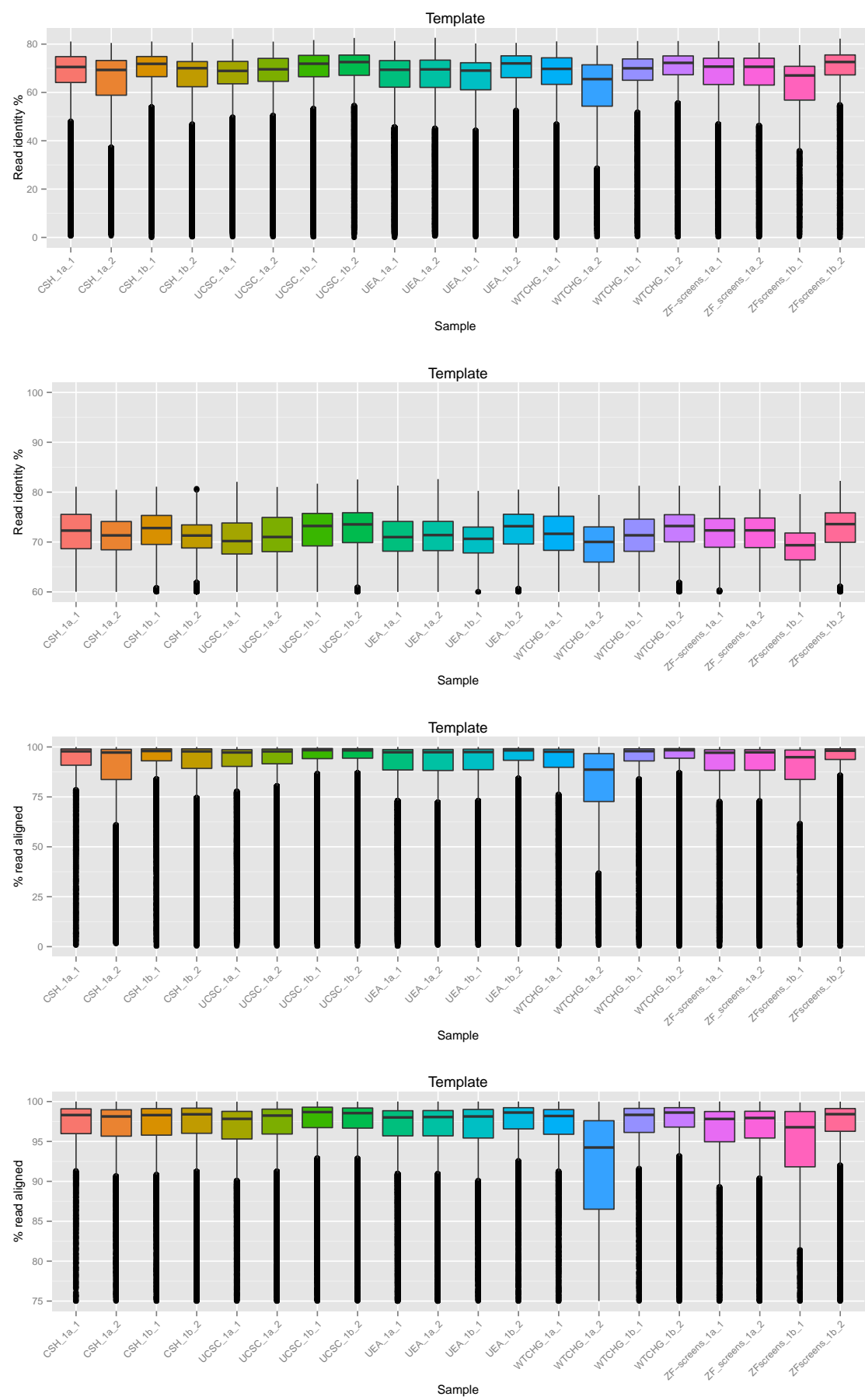
Escherichia coli best perfect kmer
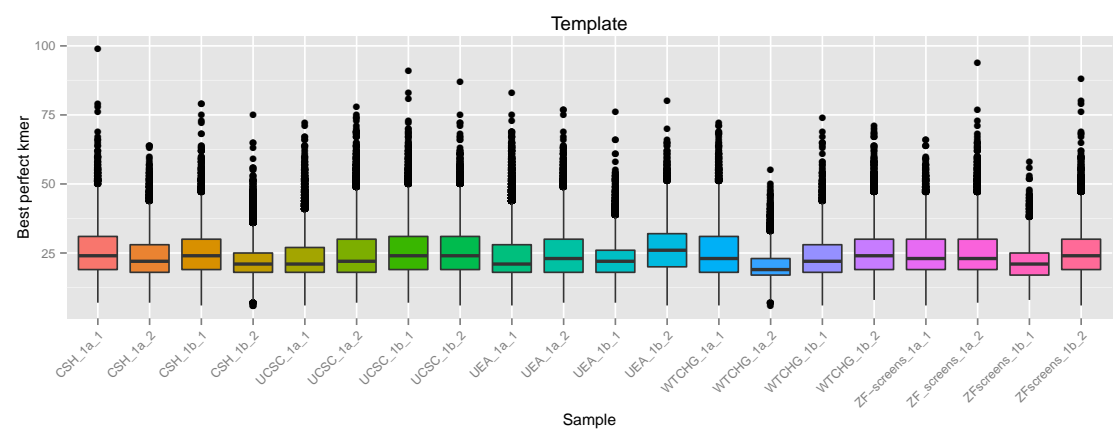
Escherichia coli GC

Escherichia coli Template Over-represented 5-mers

Sample	1	2	3	4	5	6	7	8	9	10
CSH_1a_1	GGATT	TAGGA	TCCGT	AGGCA	GAATT	CCTAG	TTCGT	TTGGA	ACCCC	TTAGT
CSH_1a_2	TTCGT	ACCCC	TCGTA	TCCGT	CCCCG	TCGTC	CCTAG	CCCCC	TAGGA	GTCGT
UCSC_1a_1	TCGTA	TCGTC	TTCGT	CGGGC	TCCGT	TAGGA	GTCGT	CGTCG	ACCCC	CCTAG
UCSC_1a_2	CGGGC	TAGGA	TTCGT	TCCGT	GGATT	CCTAG	TCGTA	TCGTC	TCGGG	GAATT
UEA_1a_1	TTCGT	TCCGT	GGATT	TAGGA	GAATT	TCGTC	TCGTA	TTGGA	TGCGT	CGGGC
UEA_1a_2	TTCGT	ACCCC	TCCGT	TAGGA	CCCCG	CCTAG	CGGGC	GGATT	CCCCC	TCGTA
WTCHG_1a_1	AGGCA	CGAGC	TTCGT	TCCGT	GCGAG	ACCCC	TAGGA	TCGTA	CCTAG	CCCCG
WTCHG_1a_2	TCGTA	TCGTC	GTCGT	CTCCC	TATCT	TTCGT	TCGTG	CGTCG	ATCTA	CTCGT
ZF-screens_1a_1	CCTAG	ACCCC	TAGGA	TTAGT	ATCTA	TCCGT	GGATT	TCCTA	CGAGC	CTCCC
ZF_screens_1a_2	TAGGA	ACCCC	TCCGT	TCCTT	GGATT	AGGCA	CCTAG	AGCCA	ATCTA	TTCGT
CSH_1b_1	CCTAG	ACCCC	ATCTA	TAGGA	CCCCG	GGATT	CCCCA	CTCCC	CCCCC	TCTAA
CSH_1b_2	ACCCC	CCCCG	CCCCC	CCCCA	CTCCC	TATCT	TAGGA	ATCTA	CCTAG	TCCCC
UCSC_1b_1	ACCCC	GGATT	TAGGA	CCTAG	CCCCG	TCCGT	CCCCC	GAATT	ATCTA	CCCCA
UCSC_1b_2	GGATT	CCTAG	TAGGA	ACCCC	ATCTA	TCCGT	TCTAA	TCCTA	TTGGA	GAATT
UEA_1b_1	ACCCC	CTCCC	CCCCA	CCCCC	TATCT	CCCCG	ATCTA	TCCCC	CCTAG	CCCAA
UEA_1b_2	ACCCC	CCCCG	CCCCC	CCCCA	CCTAG	TAGGA	CTCCC	GGATT	TCCGT	TACCC
WTCHG_1b_1	ACCCC	CCCCC	CCTAG	CCCCG	TAGGA	CCCCA	CTCCC	ATCTA	TACAC	GCCCC
WTCHG_1b_2	ACCCC	CCTAG	TAGGA	GGATT	ATCTA	CCCCG	CTCCC	CCCCA	TCCGT	CCCCC
ZFscreens_1b_1	CCCCC	CCCCA	ACCCC	CCCCG	CTCCC	GCCCC	TACCC	TCCCC	CCCAA	CTACA
ZFscreens_1b_2	GGATT	TAGGA	CCTAG	ACCCC	ATCTA	TCCGT	TTGGA	CTCCC	CCCCG	TCTAA

Escherichia coli Template Under-represented 5-mers

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