Table S1. Strains used in this study

Bacterial strain	Clonal complex (CC)	Property	Origin
8325-4	CC8	Phage-cured	Dorte Frees, University of Copenhagen, Denmark
8325-4-Strep	CC8	Phage-cured, resistant against streptomycin	This study
8325-4Φ13-kana	CC8	Single-lysogen	This study
8325-4ΦN315-tet	CC8	Single-lysogen	This study
8325-4Φ13-kanaΔrep	CC8	Single-lysogen carrying replication-deficient mutant	This study
SH1000	CC8	Phage cured	Susanne Engelmann, TU Braunschweig, Germany
SH1000-Strep	CC8	Phage-cured, resistant against Streptomycin	This study
SH1000Φ13-kana	CC8	Single-lysogen	This study
SH1000ΦN315-tet	CC8	Single-lysogen	This study
USA300c	CC8	Phage-cured	This study
USA300c-Strep	CC8	Phage-cured, resistant against Streptomycin	This study
USA300cΦ13-kana	CC8	Single-Lysogen	This study
USA300cΦN315-tet	CC8	Single-lysogen	This study
Newman-c	CC8	Phage-cured	T. Bae et al., 2006
Newman-c-Strep	CC8	Phage-cured, resistant against Streptomycin	This study
Newman-cΦ13-kana	CC8	Single-Lysogen	This study
Newman-cΦN315-tet	CC8	Single-Lysogen	This study
MW2c	CC1	Phage-cured	Tang et al., 2017
MW2c-Strep	CC1	Phage-cured, resistant against Streptomycin	This study
MW2cpΦ13-kana	CC1	Single-Lysogen	This study
MW2cΦN315-tet	CC1	Single-lysogen	This study
MW2cΦ13-kanaΔrep	CC1	Single-lysogen carrying replication-deficient mutant	This study
USA300_Δ*tagO*	CC8	WTA-deficient isolate used as control for adsorption-assay	Wanner et al., 2008
E. coli DC10B	-	Used for cloning procedures	Monk et al.,2012

Table S2. Primer used in this study

Name	Sequence
circlefor	TTTTATTTTATATGGGGTATTATTGA
circlrev	GTGTATTCTCATTTGTTAGAAGAAAA
hlb675	GCTATCATTATCGAATCCAC
hlb258	
IEC::tet_A	GACGAATTCGTGAAAAGGGTTGTTTATGGGGC
IEC::tet_B	CTTATATTTTGTTCTAGGATCCCTGTGAATAGTCATAGGCGTCCATACATAATC
IEC::tet_C	GAGTTTTTAGAACAAGGATCCGGTAAAGAAAGTGTTAGGTTACTAGGCCACTTAAC
IEC::tet_D	CTCGAGCTCCCCTGGATTCAACTTAATTACAAAGG
phi13clDIGfor	TCATACTTCGGATTTAGAGATACC
phi13clDIGrev	CGAAACCTTATCAAAAGAAACTAGG
phi13croDIGfor	CGGTAAAGTTGGTTGGAA
phi13croDIGrev	ATTGGAGTGGCGTTGATT
phi13sieDIGrev	GAAATCGCTACCAGCTGA
phi13sieDIGfor	CGCTTCTTCTTACAGGAGTT
Primer434	GGGGACAAGTTTGTACAAAAAAGCAGGCTCCGTTCACAGTGATTGTGTATGG
Primer435	GGGGACCACTTTGTACAAGAAAGCTGGGTGCCTGCTACATAGAATGTAGTAGG
Primer627	GGGGACAAGTTTGTACAAAAAAGCAGGCTCAATTACATCATCAACTGTATTGTC
Primer628	GGGGACCACTTTGTACAAGAAAGCTGGGTGATGCGTTGAGTAAACTGATTAC
recAF1	GCTCAAGCATTAGGCGTAGAT
recA661	ATTTTAATGCACGTCCACCTGG
sa3intfor	GAAAAACAAACGGTGCTAT
sa3intrev	TTATTGACTCTACAGGCTGA
phi13circlefor	TCTAGCTTTTGGGGTGTACATTCC
phi13circlerev	GCTTTGAAATCAGCCTGTAGAG
pIMAYrepdelrev	TCGATAAGCTTGATATCGACTAGAAAACGGATATCCACT
pIMAYrepdelfor	GATCCCCCGGGCTGCAGGTCTCGCTCCCTGAAATCGTC
repdelfor	AAATGGCAACAGAAACACTTTTTGGCAGT
repdelrev	GTGTTTCTGTTGCCATTTCGTTATCTCCTTTCTG
Tet2-F BamHI	TTCACAGGGATCCTAGAACAAAATATAAG
Tet2-R BamHI	TCTTTACCGGATCCTTGTTCTAAAAACTC

Table S3. TSS prediction and corresponding gene expression. Table includes summarized information on predicted TSSs obtained from TSSpredator (https://uni-tuebingen.de/fakultaeten/mathematisch-naturwissenschaftliche-fakultaet/fachbereiche/informatik/lehrstuehle/integrative-transkriptomik/software/tsspredator/). Detailed description of included information are given in the user guide for TSSpredator V1.1 (https://itnc.informatik.uni-tuebingen.de/index.php/s/en3s7fegaCzWQQy). Information contained in Mastertable are given for each predicted TSS (listed in rows). TSS number (Column A), neighbouring gene (Column B) or potential gene according to direction and position (Column O). Sequence -50 nt upstream + TSS (51nt) contains the base of the TSS and the 50 nucleotides upstream of the TSS (Column E). Column F-M indicate under which conditions the predicted TSS was enriched and the gene expression of the corresponding gene according to the direction and position of the TSS.

Table S4. Differential gene expression analysis of extracted prophage genomic region. Table contains combined data obtained from CLC genomics workbench (QIAGEN) including expression analysis for prophage genomic region for comparison of MW2 versus 8325 gene locus (**Column A**). Expression values of uninduced condition of MW2vs8325 comparison is marked in yellow (**Column D-F**), expression values for induced condition MW2vs8325 comparison are marked in green (**Column G-I**). Expression values for comparison of condition (induced versus control) are marked in dark blue for 8325 (**column J-L**) and dark red for MW2 (**Column M-O**). RPKM values are listed in Column P-AA and marked in light blue for 8325 and red for MW2 for both conditions.