

**Table S1.** Bacterial strains used in this study.

Strains	Genotype and relevant features <sup>a</sup>	References
<i>E. coli</i>		
TG1	<i>supE hsdΔ5 thi Δ(lac-proAB) F' [traD36 proAB+ lacIq lacZΔM15]</i>	(Gibson, 1984)
TG1Nal	Nal <sup>R</sup> derivative of TG1	(Kiss et al., 2012)
TG2	<i>supE hsdΔ5 thi Δ(lac-proAB)Δ(srl-recA)306::Tn10(Tc<sup>R</sup>) F' [traD36 proAB+ lacIq lacZΔM15]</i>	(Sambrook et al., 1989)
TG90	<i>pcn B80 zad::Tn10 (Tc<sup>R</sup>)</i> derivative of TG1	(Gonzy-Treboul et al., 1992)
TG90Nal	Nal <sup>R</sup> derivative of the TG90, Tc <sup>R</sup> , Nal <sup>R</sup>	(Kiss et al., 2012)
TG1/R55	TG1 strain containing R55, Ap <sup>R</sup> , Cm <sup>R</sup> , Flo <sup>R</sup> , Sul <sup>R</sup> , Km <sup>R</sup> , Gm <sup>R</sup>	(Kiss et al., 2015)
TG1Nal/R55	TG1Nal strain containing R55, Nal <sup>R</sup> , Ap <sup>R</sup> , Cm <sup>R</sup> , Flo <sup>R</sup> , Su <sup>R</sup> , Km <sup>R</sup> , Gm <sup>R</sup>	(Kiss et al., 2015)
TG1Nal/R16a	TG1Nal strain containing R16a, Nal <sup>R</sup> , Ap <sup>R</sup> , Km <sup>R</sup> , Sul <sup>R</sup>	(Szabó et al., 2016)
TG1Nal::SGI1-C	TG1Nal strain containing SGI1-C variant integrated into <i>E. coli thdF</i> , Nal <sup>R</sup> , Sm <sup>R</sup> , Sp <sup>R</sup> , Sul <sup>R</sup>	(Kiss et al., 2015)
TG1Nal::SGI1-C <sup>ΔoriT</sup>	TG1Nal strain containing the <i>ΔoriT</i> mutant SGI1-C, in which the 18016-18140 bp region was replaced, Nal <sup>R</sup> , Sm <sup>R</sup> , Sp <sup>R</sup> , Sul <sup>R</sup>	this work
TG1Nal::SGI1-C <sup>ΔS019</sup>	TG1Nal strain containing the <i>mpsB</i> (S019) KO mutant SGI1-C, in which the 16656-16739 bp region was replaced, Nal <sup>R</sup> , Sm <sup>R</sup> , Sp <sup>R</sup> , Sul <sup>R</sup>	this work
TG1Nal::SGI1-C <sup>ΔS020</sup>	TG1Nal strain containing the <i>mpsA</i> (S020) KO mutant SGI1-C, in which the 17571-17709 bp region was replaced, Nal <sup>R</sup> , Sm <sup>R</sup> , Sp <sup>R</sup> , Sul <sup>R</sup>	this work
TG1Nal::mob <sub>SGI1</sub> /R55	TG1Nal::[ miniTn10::mob <sub>SGI1</sub> -Km <sup>R</sup> ] mobilization helper strain containing R55 and the 16447-18680 bp SGI1 region integrated into the chromosome by miniTn10 transposition, Nal <sup>R</sup> , Km <sup>R</sup> , Ap <sup>R</sup> , Cm <sup>R</sup> , Flo <sup>R</sup> , Sul <sup>R</sup> , Gm <sup>R</sup>	this work
S17-1 λpir	S17-1 λpir, a λ lysogen derivative of S17-1 ( <i>pro thi recA hsdR (r m<sup>+</sup>) Tp<sup>R</sup> Sm<sup>R</sup> Km<sup>S</sup> [Ω RP4-2-Tc::Mu-Km::Tn7]</i> ) expressing II protein from <i>pir</i> gene of R6K	(Simon et al., 1983)
BM14	J5-3 derivative, <i>pro met azi; Az<sup>R</sup></i>	Inst.Pasteur, France
<i>Salmonella enterica</i>		
S. Agona 47SA97	SGI1-C <sup>WT</sup> ; Sm <sup>R</sup> Sp <sup>R</sup> Sul <sup>R</sup>	(Boyd et al., 2002)
S. Agona 47SA97 SGI1 <sup>Δint</sup>	Derivative of S. Agona 47SA97 harbouring Δint mutant SGI1-C, Sm <sup>R</sup> Sp <sup>R</sup> Sul <sup>R</sup>	(Doublet et al., 2005)

**Table S2.** Relevant features of plasmids used in this study.

Plasmid name	Relevant features <sup>a</sup>	References
R55	IncC Type2, tra+, Cm <sup>R</sup> , Flo <sup>R</sup> , Sul <sup>R</sup> , Ap <sup>R</sup> , Km <sup>R</sup> , Gm <sup>R</sup>	(Chabbert et al., 1972)
R55 <sup>ΔTn6/87</sup>	R55 derivative, Tn6/87 was deleted, tra+, Cm <sup>R</sup> , Flo <sup>R</sup> , Sul <sup>R</sup> , Ap <sup>S</sup> , Km <sup>S</sup> , Gm <sup>S</sup>	this work
R16a	IncC Type1, tra+, Ap <sup>R</sup> , Km <sup>R</sup> , Sul <sup>R</sup>	(Chabbert et al., 1972)
R16a <sup>ΔtraI</sup>	IncC Type1, tra-, ΔtraI::Cm <sup>R</sup> , Ap <sup>R</sup> , Km <sup>R</sup> , Sul <sup>R</sup>	(Hegyi et al., 2017)
pACYC184	p15A-based Tc <sup>R</sup> Cm <sup>R</sup> cloning vector	(Rose, 1988)
pBluescript II-SK	pMB1-based Ap <sup>R</sup> cloning vector	(Short et al., 1988)
pEMBL19	pMB1-based Ap <sup>R</sup> cloning vector	(Dente et al., 1988)
pKD3	R6Kγ-based PCR template plasmid with FRT-flanked <i>cat</i> gene for one-step recombination gene-KO Cm <sup>R</sup> , Ap <sup>R</sup>	(Datsenko and Wanner, 2000)
pKD46	Ap <sup>R</sup> ara-inducible expression vector of λ Red recombinase, temperature-sensitive pSC101 replication system	(Datsenko and Wanner, 2000)
pCP20	Thermo-inducible FLP recombinase expression (λ p <sub>R</sub> ::FLP), temperature-sensitive pSC101 replication system, λ <i>cI857</i> ; Ap <sup>R</sup> , Cm <sup>R</sup>	(Cherepanov and Wackernagel, 1995)
pACYC-1	145-1351 bp region of SGI1 cloned in pACYC184	this work
pACYC-2	1331-2324 bp region of SGI1 cloned in pACYC184	this work
pACYC-3	2354-3874 bp region of SGI1 cloned in pACYC184	this work
pACYC-4	3921-6536 bp region of SGI1 cloned in pACYC184	this work
pACYC-5	6516-8851 bp region of SGI1 cloned in pACYC184	this work
pACYC-6	8860-11754 bp region of SGI1 cloned in pACYC184	this work
pACYC-7	11734-13434 bp region of SGI1 cloned in pACYC184	this work
pACYC-8	13414-15164 bp region of SGI1 cloned in pACYC184	this work
pACYC-9	15144-16913 bp region of SGI1 cloned in pACYC184	this work
pACYC-10	17005-19833 bp region of SGI1 cloned in pACYC184	this work
pACYC-11	19852-21930 bp region of SGI1 cloned in pACYC184	this work
pACYC-12	21981-23590 bp region of SGI1 cloned in pACYC184	this work
pACYC-13	23570-25250 bp region of SGI1 cloned in pACYC184	this work
pACYC-14	25230-28141 bp region of SGI1 cloned in pACYC184	this work
pACYC-10A	17005-18348 bp region of SGI1 cloned in pACYC184	this work

pACYC-10D	17534-18348 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D2	17534-17939 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D4	17799-18348 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D4B	18017-18348 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D4C	18132-18348 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D4E	18017-18261 bp region of SGI1 cloned in pACYC184	this work
pACYC-10D7	18017-18151 bp region of SGI1 cloned in pACYC184	this work
pFOL1343	Sm <sup>R</sup> derivative of pJKI671.	this work
pFOL1362	15444-22496 bp (S015-S025) region of SGI1 cloned in pJK708.	this work
pFOL1365	BglII deletion derivative of pFOL1362 containing 15444-16807 bp and 21056-22496 bp regions of SGI1.	this work
pFOL1372	EcoRI deletion derivative of pFOL1362 containing 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI88	p15A-based Km <sup>R</sup> cloning vector deriving from pACYC177 (Rose, 1988).	(Kiss and Olasz, 1999)
pJKI391	p15A-based Km <sup>R</sup> expression vector deriving from pJKI88.	(Kiss et al., 2015)
pJKI669	d1 deletion derivative of SGI1-C (SGI1-C-d1, (Kiss et al., 2012)) containing DRL-S004 and S013-DRR regions of SGI1-C cloned in the pJKI88-derived vector pJKI633.	this work
pJKI672	BssHII deletion derivative of pJKI669 containing DRL-S004, S019 and intII-DRR regions of SGI1-C.	this work
pJKI678	MfeI deletion derivative of pJKI669 containing DRL and S025-DRR regions of SGI1-C.	this work
pJKI708	Sm <sup>R</sup> derivative of the p15A-based cloning vector, pJKI88	(Hegyi et al., 2017)
pJKI710	16807-19427 bp (S020-S023) region of SGI1 cloned in pJK708.	this work
pJKI725	PstI-SacI deletion derivative of pFOL1372 containing the 16594-19843 bp (S020-S023) region of SGI1.	this work
pJKI726	15439-16595 bp (S015-S019) region of SGI1 cloned in pJK708.	this work
pJKI731	15439-18050 bp (S015-S021) region of SGI1 cloned in pJK708.	this work
pJKI737	pFOL1372 derivative carrying KO mutation in S020 in the 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI772	pFOL1372 derivative carrying KO mutation in S019 in the 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI774	pFOL1372 derivative carrying KO mutation in S022 in the 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI775	15439-18680 bp (S015-S022) region of SGI1 cloned in pJK708.	this work
pJKI776	15849-18680 bp (S018-S022) region of SGI1 cloned in pJK708.	this work
pJKI777	16087-18680 bp (S019-S022) region of SGI1 cloned in pJK708.	this work
pJKI780	16447-18680 bp mob <sub>SGI1</sub> region (S019-S022) of SGI1 cloned in pJK708.	this work
pJKI781	16447-18140 bp (S019-S021) region of SGI1 cloned in pJK708.	this work
pJKI791	18304-18680 bp of SGI1 (upstream region of S022) cloned in pJK708.	this work
pJKI796	pLOFKm (Herrero et al., 1990) derivative R6K-based delivery plasmid containing the 16447-18680 bp (S019-S022) region of SGI1 with a Km <sup>R</sup> gene in the transposable mini-Tn10 unit. R6K <sub>yori</sub> , oriT <sub>RK2</sub> , Ap <sup>R</sup> , lac <sup>f</sup> , P <sub>lac</sub> ::Tn10 transposase, miniTn10::SGI1 <sub>16447-18680</sub> -Km <sup>R</sup> .	this work
pJKI810	17713-18140 bp region of SGI1 cloned in pJK708.	this work
pJKI811	17713-18050 bp region of SGI1 cloned in pJK708.	this work
pJKI818	17961-18140 bp region of SGI1 cloned in pJK708.	this work
pJKI833	Cm <sup>R</sup> , Sm/Sp <sup>S</sup> derivative of pJKI737 carrying KO mutation in mpsA in the 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI835	Cm <sup>R</sup> , Sm/Sp <sup>S</sup> derivative of pJKI772 carrying KO mutation in mpsB in the 15444-19843bp (S015-S023) region of SGI1.	this work
pJKI836	Cm <sup>R</sup> , Sm/Sp <sup>S</sup> derivative of pFOL1372.	this work
pJKI842	Tc <sup>R</sup> , Ap <sup>S</sup> derivative of pKD46, the ara-inducible expression vector of λ Red recombinase with temperature-sensitive pSC101 replication system	this work
pJKI871	18016-18140 bp region of SGI1 (oriT <sub>SGI1</sub> ) cloned in pJK708.	this work
pJKI872	18016-18119 bp region of SGI1 (oriTΔIR3R) cloned in pJK708. The truncated oriT lacks the right copy of IR3.	this work
pJKI873	18016-18140 bp region of SGI1 (oriTΔIR2R) cloned in pJK708. The right copy of IR2 in oriT is eliminated by base substitutions.	this work
pJKI874	18035-18140 bp region of SGI1 (oriTΔIR1L) cloned in pJK708. The truncated oriT lacks the left copy of IR1.	this work
pJKI935	Cm <sup>R</sup> pJKI391 derivative p15A-based vector expressing mpsA under the control of P <sub>lac</sub> promoter	this work
pJKI937	Cm <sup>R</sup> pJKI391 derivative p15A-based vector expressing mpsB under the control of P <sub>lac</sub> promoter	this work
pJKI948	16447-18680 bp mob <sub>SGI1</sub> region (S019-S022) of SGI1, a Cm <sup>R</sup> derivative of pJKI780	this work
pJKI990	ColE1-based cloning vector for β-gal assays, containing promoterless lacZ gene preceded by pHP45Ω (Prentki and Krisch, 1984) and rrnB terminators.	(Kiss et al., 2015)
pJKI1023	Sm <sup>R</sup> /Sp <sup>R</sup> derivative of the R6K <sub>y</sub> -based PCR template plasmid pSG76-CS (Kolisnychenko et al., 2002), where I-SceI cleavage sites flank the resistance cassette.	this work
pMNI41	Km <sup>R</sup> derivative of pJKI871, carrying the oriT <sub>SGI1</sub> .	this work
pMSZ934	Ap <sup>R</sup> , Km <sup>R</sup> mobilizable derivative of the I-SceI producer plasmid pSTKST (Kolisnychenko et al., 2002). Temperature-sensitive pSC101 replication system, Tc <sup>R</sup> , P <sub>lac</sub> ::SCEI, oriT <sub>RK2</sub>	this work
pMSZ947	pJKI990-derivative β-galactosidase tester plasmid containing the non-coding upstream region of mpsA (17710-18681 bp) fused to the promoterless lacZ gene.	this work
pMSZ948	pJKI990-derivative β-galactosidase tester plasmid containing the non-coding upstream region of mpsA (17710-18050 bp) fused to the promoterless lacZ gene.	this work
pMSZ949	16447-18680 bp mob <sub>SGI1</sub> region (S019-S022) of SGI1 cloned in pJKI88, a Km <sup>R</sup> equivalent of pJKI780.	this work
pMSZ957	16447-18680 bp mob <sub>SGI1</sub> region (S019-S022) of SGI1 cloned in pJKI88, a Km <sup>R</sup> equivalent of pJKI780. pMSZ957 contains a single T insertion at 17816 <sup>th</sup> position, which generates a new StuI site and cause frameshift in S021.	this work
pMSZ976	16447-17805 bp region of SGI1 (mpsAB+94 bp upstream of mpsA) cloned in pJKI88.	this work
pMSZ980	16447-17881 bp region of SGI1 (mpsAB+170 bp upstream of mpsA) cloned in the pJKI88-analogue pasmid pMSZ973.	this work
pMSZ981	16447-17712 bp region of SGI1 (mpsAB) cloned in pJKI88.	this work
pMSZ984	16447-17781 bp region of SGI1 (mpsAB+70 bp upstream of mpsA) cloned in pJKI88.	this work
pMSZ988	16447-16743 bp region of SGI1 (mpsB) cloned in pJKI88.	this work
pMSZ989	18042-18140 bp region (oriTΔIR1) of SGI1 cloned in pJK708. The truncated oriT <sub>SGI1</sub> fragment lacks the IR1 repeat.	this work
pMSZ990	18048-18140 bp region (oriTΔIR1+spacer to IR2L) of SGI1 cloned in pJK708. The truncated oriT <sub>SGI1</sub> fragment lacks the IR1 repeat and the 6-bp spacer sequence to IR2L.	this work
pMSZ991	18024-18140 bp region oriT <sub>SGI1</sub> cloned in pJK708. This fragment lacks the 7 bp preceding IR1L and contains a single base (C) deletion at 18038 bp position in IR1R.	this work
pMSZ993	16447-17732 bp region of SGI1 (mpsAB+20 bp upstream of mpsA) cloned in pJKI88.	this work
pMSZ995	18024-18140 bp region oriT <sub>SGI1</sub> cloned in pJK708. This fragment lacks the 7 bp preceding IR1L and contains a single base	this work

	(G) deletion at 18037 bp position in IR1R.	
pMSZ996	16447-17619 bp region of SGII ( <i>mpsB-mpsA</i> beginnig with the 2 <sup>nd</sup> inframe ATG codon) cloned in pJKI88.	this work
pMSZ997	18024-18140 bp region <i>oriT</i> <sub>SGII</sub> cloned in pJK708. This fragment lacks the 7 bp preceding IR1L.	this work
pMSZ1017	pJKI990-derivative β-galactosidase tester plasmid containing the upstream region of <i>mpsB</i> (16741-16975 bp) fused to the promoterless <i>lacZ</i> gene.	this work

**Table S3.** List of oligonucleotides used.

S020for3	<u>aactgcagaatcgaagcccttatttagtag</u>	this work
S020for4	<u>aactgcagttaaatcgagcgggttttttg</u>	this work
S020Nde_for2	<u>gatgatcatatgaa</u> gagttttcagttccatagcc	this work
S020Ndefor	<u>gatgatcatatcggtcag</u> gaggactaatecgat	this work
S020promfor_Nc	<u>aaccatggatccccctaactcgtaatc</u>	this work
S020promrev	<u>aagaattcttcgeacccgcac</u> gaatg	this work
S021for	<u>aactgcagtgcataaggcc</u> taacgtggatc	this work
S021for_Stu,Sph	<u>ctgcgtgcataaggcc</u> tattttgg	this work
S021for2	<u>ccggctgcagtcgtgcattttgg</u>	this work
S021promrev	<u>aagaattccatgtc</u> cacccgtctctg	this work
S022promfor	<u>cactgcagtgc</u> aacatgtgataaacatc	this work
S022promrev	<u>aagaatttgcgt</u> taatgttgacatccaaac	this work
S022promrev_P	<u>aactgcagtaatgt</u> gacatccaaac	this work
sg1_17781rev	<u>gtgaattcggatccgtcgacttca</u> cttaccacccggatacgac	this work
sg1_orf019rev	<u>aactgcaggatc</u> ttaatcagcagacgggttttttg	this work
sg1_orf020for	<u>aacatatgcgttca</u> gagcggactaattc	this work
sg1_S020rev	<u>aaggatcc</u> tacccaaataactatggtcac	this work
SGI1orf020_17119for	<u>gaacagtgcgcgcccggcac</u>	this work
SmRforSmP	<u>cgctgcagccccgggtgcgggtgacgac</u>	this work
SmRevSmP	<u>aactgcagccccgggtcggt</u> gaacgaatttttagac	this work

<sup>a</sup> Uppercase shows the template plasmid sequence in primers used for producing the KO amplicons. Restriction cleavage sites are underlined.

## Supplementary References

- Boyd, D., Cloeckaert, A., Chaslus-Dancla, E., and Mulvey, M. R. (2002). Characterization of Variant *Salmonella* Genomic Island 1 Multidrug Resistance Regions from Serovars Typhimurium DT104 and Agona. *Antimicrob. Agents Chemother.* 46, 1714–1722. doi:10.1128/AAC.46.6.1714-1722.2002.
- Chabbert, Y. A., Scavizzi, M. R., Witchitz, J. L., Gerbaud, G. R., and Bouanchaud, D. H. (1972). Incompatibility Groups and the Classification of f-Resistance Factors. *J. Bacteriol.* 112, 666–675.
- Cherepanov, P. P., and Wackernagel, W. (1995). Gene disruption in *Escherichia coli*: TcR and KmR cassettes with the option of Flp-catalyzed excision of the antibiotic-resistance determinant. *Gene* 158, 9–14. doi:10.1016/0378-1119(95)00193-A.
- Datsenko, K. A., and Wanner, B. L. (2000). One-step inactivation of chromosomal genes in *Escherichia coli* K-12 using PCR products. *Proc. Natl. Acad. Sci. U. S. A.* 97, 6640–5. doi:10.1073/pnas.120163297.
- Dente, L., Cesareni, G., and Cortese, R. (1983). pEMBL: A new family of single stranded plasmids. *Nucleic Acids Res.* 11, 1645–1655. doi:10.1093/nar/11.6.1645.
- Doublet, B., Boyd, D., Mulvey, M. R., and Cloeckaert, A. (2005). The *Salmonella* genomic island 1 is an integrative mobilizable element. *Mol. Microbiol.* 55, 1911–1924. doi:10.1111/j.1365-2958.2005.04520.x.
- Gibson, T. J. (1984). Studies on the Epstein-Barr virus genome. Thesis.
- Gonzy-Treboul, G., Karmazyn-Campelli, C., and Stragier, P. (1992). Developmental regulation of transcription of the *Bacillus subtilis* ftsAZ operon. *J. Mol. Biol.* 224, 967–979. doi:10.1016/0022-2836(92)90463-T.
- Hegyi, A., Szabó, M., Olasz, F., and Kiss, J. (2017). Identification of oriT and a recombination hot spot in the IncA/C plasmid backbone. *Sci. Rep.* 7, 10595. doi:10.1038/s41598-017-11097-0.
- Herrero, M., De Lorenzo, V., and Timmis, K. N. (1990). Transposon vectors containing non-antibiotic resistance selection markers for cloning and stable chromosomal insertion of foreign genes in gram-negative bacteria. *J. Bacteriol.* 172, 6557–6567. doi:10.1128/jb.172.11.6557-6567.1990.
- Kiss, J., Nagy, B., and Olasz, F. (2012). Stability, entrapment and variant formation of *Salmonella* genomic island 1. *PLoS One* 7, e32497. doi:10.1371/journal.pone.0032497.
- Kiss, J., and Olasz, F. (1999). Formation and transposition of the covalently closed IS 30 circle : the relation between tandem dimers and monomeric circles. *Mol. Microbiol.* 34, 37–52.
- Kiss, J., Papp, P. P. P., Szabó, M., Farkas, T., Murányi, G., Szakállás, E., et al. (2015). The master regulator of IncA/C plasmids is recognized by the *Salmonella* Genomic island SGI1 as a signal for excision and conjugal transfer. *Nucleic Acids Res.* 43, 8735–8745. doi:10.1093/nar/gkv758.
- Kolisnychenko, V., Plunkett, G., Herring, C. D., Fehér, T., Pósfai, J., Blattner, F. R., et al. (2002). Engineering a reduced *Escherichia coli* genome. *Genome Res.* 12, 640–7. doi:10.1101/gr.217202.
- Prentki, P., and Krisch, H. M. (1984). In vitro insertional mutagenesis with a selectable DNA fragment. *Gene* 29, 303–313. doi:10.1016/0378-1119(84)90059-3.
- Rose, R. E. (1988). The nucleotide sequence of pACYC184. *Nucleic Acids Res.* 16, 355. doi:10.1093/nar/16.1.356.
- Sambrook, J., Fritsch, E. F., and Maniatis, T. (1989). *Molecular Cloning: A Laboratory Manual*. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY.
- Short, J. M., Fernandez, J. M., Sorge, J. A., and Huse, W. D. (1988). Lambda ZAP: A bacteriophage lambda expression vector with in vivo excision properties. *Nucleic Acids Res.* 16, 7583–7600. doi:10.1093/nar/16.15.7583.
- Simon, R., Priefer, U., and Pühler, A. (1983). A Broad Host Range Mobilization System for In Vivo Genetic Engineering: Transposon Mutagenesis in Gram Negative Bacteria. *Bio/Technology* 1, 784–791. doi:10.1038/nbt1183-784.
- Szabó, M., Nagy, T., Wilk, T., Farkas, T., Hegyi, A., Olasz, F., et al. (2016). Characterization of Two Multidrug-Resistant IncA/C Plasmids from the 1960s by Using the MinION Sequencer Device. *Antimicrob. Agents Chemother.* 60, 6780–6786. doi:10.1128/AAC.01121-16.