TABLE S1 PCR primers utilized in this study

Primer name	Primer sequence (5'-3')	Reference
P1F1-F	TCTCTGTTCCATGAACTCG	This study
P1F2-F	TTGAGTGAAATACCTGTGCG	This study
P1R1-R	CTAAATCATGGCTTGAGCATTTAG	This study
P1R2-R	TTTCTGAACCAAACAATTCTTCTG	This study
cfr-F	GAATGAGAGAGTAGAAACGGTAA	This study
cfr-R	TTTTCAATCCAATGTCGCCT	This study
optrA-F	AACAGCTTGCTCAAATCAGT	This study
optrA-R	GAGGACACCGGTCTAAAAAC	This study
poxtA-F	TGACAATGTGGAGTCTGAAG	This study
poxtA-R	ACGGGAATAGGGTTCAATTC	This study
fexA-F	GTATTGGTGTTGGAACTGCTGC	This study
fexA-R	TGAACAGGACAGGTGGTACAA	This study
cat-F	GGAAACTTGGGATAGAAAAGAATA	This study
cat-R	CCATTCATTTACACTATCAACCA	This study

TABLE S2 Data from *optrA*-positive *E. faecalis* included in Figure 3
V1 *Enterococcus avium* [MH018573.1] human (fecal sample from a healthy child) China
V1 *Enterococcus faecalis* [KX620939.1] human China
V1 *Staphylococcus sciuri* [KX447567.1] swine (nasal swabs) China
V1 *Staphylococcus sciuri* [KX447572.1] swine (nasal swabs) China
V1 *Staphylococcus sciuri* [KX982168.1] swine China
V1 *Staphylococcus sciuri* [MF805731.1] Sus scrofa (ear swab) China
V2 *Enterococcus faecalis* [CP028725.1] food animal (heifers) US
V3 *Staphylococcus simulans* [MF805730.1] Sus scrofa (ear swab) China
V4 *Enterococcus faecium* [KT892063.1] human (blood) Italy
V5 *Streptococcus suis* [MK359990.1] swine (diseased lung) China
V6 *Staphylococcus sciuri* [KT601170.1] swine (nasal sample) China
V6 *Staphylococcus sciuri* [KX982166.1] swine China
V6 *Staphylococcus sciuri* [KX982169.1] swine China
V6 *Staphylococcus sciuri* [KX982171.1] swine China
V7 *Enterococcus faecalis* [MF443374.1] ST103 human (bone/joint culture) Panama
V8 *Enterococcus faecalis* [KT862781.1] ST16 human China
V8 *Enterococcus faecalis* [MH225413.1] human China
V8 *Enterococcus faecalis* [NHNF01000009.1] ST86 urban wastewaters Tunisia
V8 *Enterococcus faecium* [KX620938.1] human China
V8 *Enterococcus faecium* [MH225417.1] human China
V8 *Enterococcus faecium* [MK251152.1] Sus scrofa (fecal swab) China
V9 *Enterococcus faecalis* L8 [CP042216.1] ST710 swine (faeces) Brazil
V9 *Enterococcus faecalis* L9 [CP041776.1] ST29 swine (faeces) Brazil
V10 *Enterococcus faecalis* [MF443378.1] ST86 human (blood culture) Ecuador
V11 *Enterococcus faecalis* [KX620936.1] human China
V12 *Enterococcus faecalis* L10 ST711 swine (faeces) Brazil
V12 *Enterococcus faecalis* L11 ST591 swine (faeces) Brazil
V12 *Enterococcus faecalis* L12 ST711 swine (faeces) Brazil
V12 *Enterococcus faecalis* L13 ST591 swine (faeces) Brazil
V12 *Enterococcus faecalis* L15 [CP042214.1] ST591 swine (faeces) Brazil
V12 *Enterococcus faecalis* L16 ST591 swine (faeces) Brazil
V12 *Enterococcus faecalis* L18 ST591 swine (faeces) Brazil
V12 *Enterococcus faecalis* L21 ST591 swine (faeces) Brazil
V13 *Enterococcus faecalis* L14 [CP043725.1] ST330 swine (faeces) Brazil
V13 *Enterococcus faecalis* L17 ST330 swine (faeces) Brazil
V13 *Enterococcus faecalis* L19 ST330 swine (faeces) Brazil
V13 *Enterococcus faecalis* [KT862782.1] ST27 human China

V14 *Streptococcus suis* [MK359991.1] swine (diseased lung) China
V13 *Enterococcus faecalis* [KT862785.1] ST21 chicken China
V13 *Enterococcus faecalis* [KU354267.1] swine (faeces) China
V13 *Enterococcus faecalis* [KX620933.1] human China
V13 *Enterococcus faecium* [CP040236.1] human (pus) India
V13 *Enterococcus faecium* [CP040238.1] human (pus) India
V13 *Enterococcus faecium* [CP040368.1] human (pus) India
V13 *Enterococcus faecium* [KY579372.1] human Ireland
V15 *Enterococcus faecalis* [MF443373.1] ST16 human (skin/soft tissue) Thailand
V16 *Streptococcus pasteurianus* [KY828437.1] human (urine) Thailand
V17 *Enterococcus faecium* [MK251153.1] Sus scrofa (fecal swab) China
V17 *Enterococcus faecium* [MK251154.1] Sus scrofa (fecal swab) China
V17 *Streptococcus suis* [MK359989.1] swine (diseased lung) China
V18 *Enterococcus faecalis* [CP030042.1] ST691 swine China
V18 *Enterococcus faecalis* [MK251150.1] Sus scrofa (fecal swab) China
V19 *Enterococcus faecalis* [KT862783.1] ST476 human China
V19 *Enterococcus faecalis* [MH018572.1] human (fecal sample/ healthy person) China
V19 *Enterococcus faecalis* [MH225416.1] human China
V19 *Enterococcus faecalis* [MH225421.1] human China
V19 *Enterococcus faecalis* [MH225424.1] human China
V19 *Enterococcus faecalis* [MH830363] swine (manure) China
V20 *Enterococcus faecalis* [KT862777.1] ST480 human China
V20 *Enterococcus faecalis* [KT862779.1] ST330 chicken China
V20 *Enterococcus faecalis* [KX579977.1] chicken China
V20 *Enterococcus faecalis* [KX620940.1] human China
V21 *Enterococcus faecalis* [MH225423.1] human China
V22 *Enterococcus faecalis* [KT862784.1] ST93 swine China
V22 *Enterococcus faecalis* [KX620937.1] human China
V22 *Enterococcus faecalis* [MF443377.1] ST767 human (blood culture) Taiwan
V22 *Enterococcus faecalis* [MF443386.1] ST766 human (plueral fluid) Taiwan
V22 *Enterococcus faecium* [MK251151.1] Sus scrofa (fecal swab) China
V22 *Staphylococcus sciuri* [KX447566.1] swine (nasal swabs) China
V22 *Staphylococcus sciuri* [KX447568.1] swine (nasal swabs) China
V22 *Staphylococcus sciuri* [KX447569.1] swine (nasal swabs) China
V22 *Staphylococcus sciuri* [KX447570.1] swine (nasal swabs) China
V22 *Staphylococcus sciuri* [KX447571.1] swine (nasal swabs) China
V22 *Staphylococcus sciuri* [KX982167.1] swine China
V22 *Staphylococcus sciuri* [KX982170.1] swine China

V22 *Staphylococcus sciuri* [KX982173.1] swine China
V22 *Staphylococcus sciuri* [KX982174.1] swine China
V22 *Staphylococcus sciuri* [KY056650.1] swine China
V22 *Staphylococcus sciuri* [MF805732.1] Canis lupus familiaris (nasal swab) China
V14 *Enterococcus faecium* [CP028728.1] food animal (cattle-steer) US
V23 *Streptococcus suis* [CP030125.1] swine (tonsil) China
V13 *Enterococcus faecalis* [MH225418.1] human China
V24 *Enterococcus* spp. [MK425644.1]
V25 *Enterococcus faecalis* [MF443380.1] ST59 human (blood culture) Malaysia
V26 *Enterococcus faecalis* [MF443385.1] ST775 human (blood culture) France
V19 *Enterococcus faecalis* [KP399637.1] ST116 human (blood) China
V19 *Enterococcus faecalis* [KT862780.1] ST27 swine China
V27 *Enterococcus faecalis* [MK993385.1] human (necrotic tissues) China
V19 *Enterococcus faecalis* [MF443375.1] ST116 human (ureteral catheter) Ireland
V28 *Enterococcus faecalis* [MF443372.1] ST116 human (abscess/ pus) China
V19 *Enterococcus faecalis* [KX620932.1] human China
V19 *Enterococcus faecalis* [KY513280.1] ST116 human (pus) Poland
V19 *Enterococcus faecalis* [LC371257.1] human (urine) Japan
V19 *Enterococcus faecalis* [MF443368.1] ST116 human (skin/soft tissue) China
V19 *Enterococcus faecalis* [MF443381.1] ST41 human (urine) Ireland
V19 *Enterococcus faecalis* [MF443382.1] ST768 human Ireland
V19 *Enterococcus faecalis* [NG048023.1] China
V19 *Streptococcus suis* [CP017667.1] Sus scrofa (tonsil scrape) China
V29 *Enterococcus faecalis* [CP030043.1] swine (fecal swab) China
V29 *Enterococcus faecalis* [CP030046.1] ST74 swine China
V29 *Enterococcus faecalis* [KX620942.1] human China
V29 *Enterococcus faecalis* [MF443384.1] ST256 human (wound/drainage/ulcer) Guatemala
V29 *Enterococcus faecalis* [MH225420.1] human China
V29 *Enterococcus faecalis* [MH225422.1] human China
V29 Uncultured bacterium [KU736872.1] swine (manure) China
V29 Uncultured bacterium [KU736873.1] swine (manure) China
V30 *Enterococcus faecalis* [KX620934.1] human China
V31 *Enterococcus faecalis* [LC499744.1] human (bile) Japan
V31 *Enterococcus faecalis* [MF443367.1] ST67 human (blood culture) Sweden
V31 *Enterococcus faecalis* [MK140641.1] ST692 swine China
V20 *Enterococcus faecalis* [AP018542.1] human (urine) Japan
V20 *Enterococcus faecalis* [AP018547.1] human Japan
V20 *Enterococcus faecalis* [CP028723.1] food animals US

V20 *Enterococcus faecalis* [MH225414.1] human China
V20 *Enterococcus faecalis* [MH225419.1] human China
V32 *Enterococcus faecalis* [KX620941.1] human China
V32 *Enterococcus faecalis* [MH225415.1] human China
V33 *Enterococcus faecalis* [MH225425.1] human China
V34 *Enterococcus faecalis* [KT862775.1] ST59 swine China
V34 *Enterococcus faecalis* [KT862776.1] ST480 human China
V34 *Enterococcus faecalis* [KT862778.1] ST622 swine China
V34 *Enterococcus faecalis* [KX620935.1] human China
V34 *Enterococcus faecalis* [MF443369.1] ST632 human (urine/urinary tract) China
V34 *Enterococcus faecalis* [MF443370.1] ST69 human (urine/urinary tract) China
V34 *Enterococcus faecalis* [MF443371.1] ST69 human (blood culture) China
V34 *Enterococcus faecalis* [MF443376.1] ST585 human (wound/drainage/ulcer) China
V34 *Enterococcus faecalis* [MF443379.1] ST585 human (urine) US
V34 *Enterococcus faecalis* [MF443383.1] ST179 human (ureteral catheter) US
V34 *Enterococcus faecalis* [MF443387.1] ST480 human (wound/drainage/ulcer) Mexico
V34 *Enterococcus faecalis* [MF443388.1] ST480 human (urine) Mexico
V34 *Enterococcus* spp. [MK425645.1]

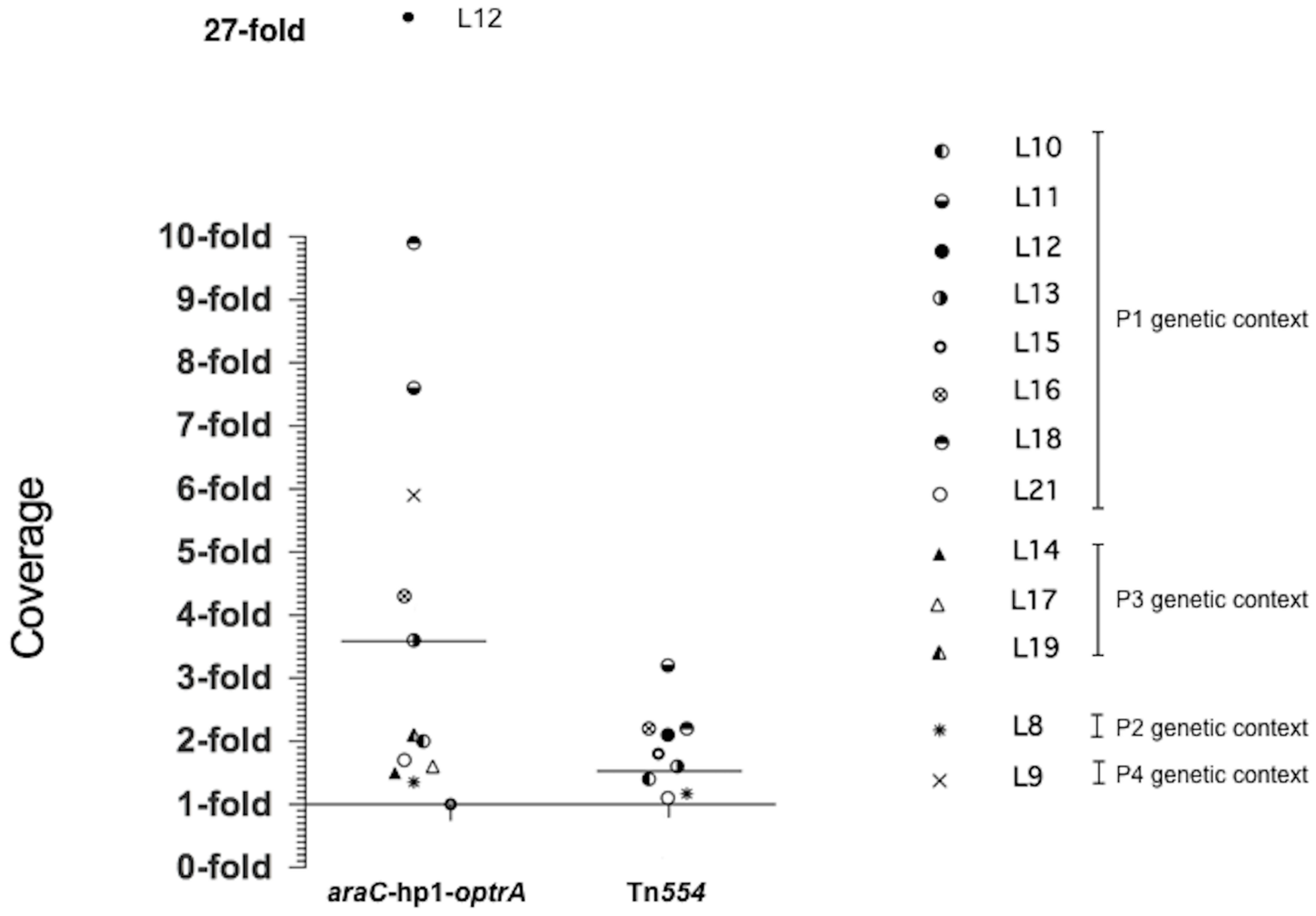

Figure S1 (Supplemental data). Areas of coverage predicted *in silico*. Read counts for the 3,453-bp *araC*-hp1-*optrA* core and 6,568-bp Tn*554* were compared to the chromosome read count, which was set as 1-fold. The *araC*-hp1-*optrA* core had a great disparity in copy number (from 1 to 27-fold coverage compared to the chromosome).

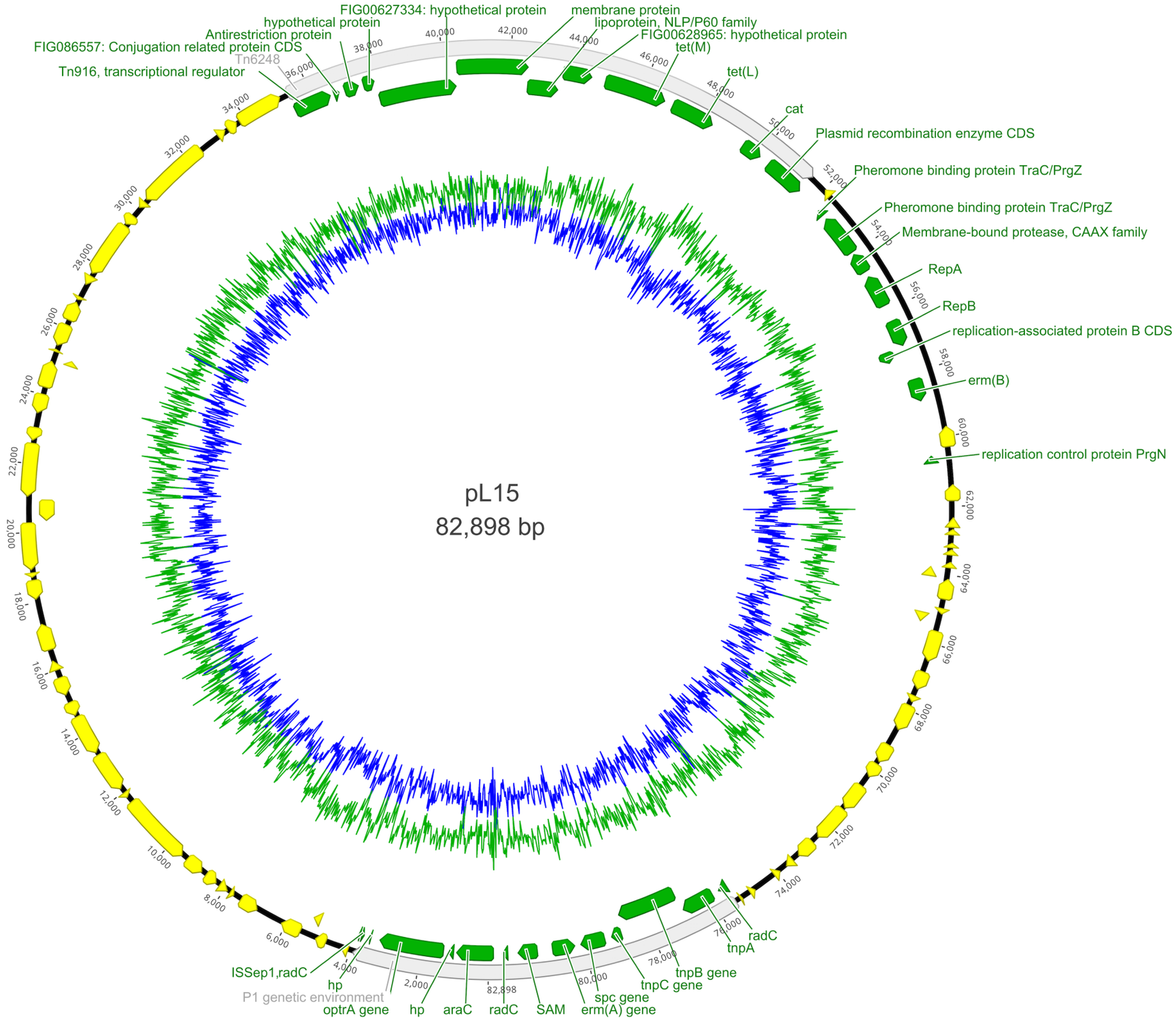

Figure S2 (Supplemental data). Plasmid 82,898-bp pL15. An intact 11,007-bp P1 context and coding sequences for other resistance genes are indicated.