

S7 | Transduction of SaPIs and plasmids to *Listeria monocytogenes*¹

Recipient Strain	Species	Donor phage lysate/strain with the island or plasmid indicated			
		80α/SaPI1	80α/SaPIbov1	φ11/SaPIbov1	80α/pRN8214
RN 4220 (tru)	Sa	1.1×10 ⁹			1.2×10 ⁸
RN 8403 (tru)	Lm	<1	<1	<1	<1
RN 8404 (tru)	Lm	2.2×10 ⁴	4.4×10 ²	3.5	4.9×10 ²
RN 8405 (tru)	Lm	5.0×10 ⁶	1.7×10 ⁴	1.1×10 ³	1.1×10 ⁴
RN 8406 (tru)	Lm	2.2×10 ⁸	2.8×10 ⁵	1.6×10 ⁴	1.8×10 ⁶
RN 8407 (tru)	Lm	7.2×10 ⁷	6.0×10 ⁴	5.0×10 ³	1.4×10 ⁵
RN 8408 (tru)	Lm	1.4×10 ⁶	1.4×10 ³	26	5.8×10 ³
RN 8409 (tru)	Lm	<1	<1	<1	<1
RN 8410 (tru)	Lm	<1	<1	<1	<1
RN4220 (pfu)	Sa	1.3×10 ⁹	7.5×10 ⁸	2.0×10 ⁵	3.0×10 ⁹
RN8406 (pfu)	Lm	<1		<1	

tru – transducing units; pfu – plaque-forming units

1. Chen, J. & Novick, R. P. Phage-mediated intergeneric transfer of toxin genes. *Science* **323**, 139–141 (2009).