

Table S4. PCR primers and nanoString probes used in the study.

Pimer name	Primer Sequence	Application
Sp23F_12750_Flank1F	ACCGACCAAATTCCCAACATATCTC	Deletion of <i>tprA2</i>
Sp23F_12750_Flank1R_XhoI	ATATATCTCGAGTGGTCATCTCTAACCCCTCTTTAAA	Deletion of <i>tprA2</i>
Sp23F_12750_Flank2F_NheI	ATATATGCTAGCGATAGGTGACTTCGATTGTAATAAG	Deletion of <i>tprA2</i>
Sp23F_12750_Flank2R	CGGCGAAATATTTTAGTCGAACA	Deletion of <i>tprA2</i>
Sp23F_12750_F1SpecF2F	CCATGGGAATTAAAGATACCACTACTCA	Deletion of <i>tprA2</i>
Sp23F_12750_F1SpecF2R	GAAATCCATCATGTGAGAAAATAAAGG	Deletion of <i>tprA2</i>
F1_ermB_no_promo_fwd	GCGCTTCTATGATTTTCAG	Overexpression of <i>tprA2</i>
F1_ermB_no_promo_rev	aaccctctTATTTTCTCCCGTTAAATAATAG	Overexpression of <i>tprA2</i>
plcR_no_promo_fwd	gaggaaataaAGAGGGTTAGAGATGACC	Overexpression of <i>tprA2</i>
plcR_no_promo_rev	taactttccTACCTATCCTTATCTTTCAAAAAATG	Overexpression of <i>tprA2</i>
F2_no_promo_fwd	gatagtggaGAAAGTTACACGTTACTAAAG	Overexpression of <i>tprA2</i>
F2_no_promo_rev	GCCCACGAGTAAAGAGAC	Overexpression of <i>tprA2</i>
F1_ermB_promo_fwd	CCCATTTCATGCAGGAATTATG	Overexpression of <i>tprA2</i>
F1_ermB_promo_rev	tttctaatacTTATTTCTCCCGTTAAATAATAG	Overexpression of <i>tprA2</i>
plcR_with_promo_fwd	gaggaaataaGTATTAGAAAGTTGAAAAATAGAGATTAAGG	Overexpression of <i>tprA2</i>
plcR_with_promo_rev	taactttccTACCTATCCTTATCTTTCAAAAAATG	Overexpression of <i>tprA2</i>
F2_promo_fwd	gatagtggaGAAAGTTACACGTTACTAAAGG	Overexpression of <i>tprA2</i>
F2_promo_rev	GCTTGAGTTTGCCACGA	Overexpression of <i>tprA2</i>
spec_fwd	aaatgagaatccagGGATCCCCCGTTTGATTTTAAATG	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT
spec_rev	aatgttcatcatgcgTGGATCCAATTTTTTTATAATTTTTTTAA TCTG	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT
ABC_F2_fwd	aaaaaattggatccaCGCATGATGAACATTATTTTTG	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT
ABC_F2_rev	CTCCAGTTTCACCTTTTAAAC	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT
Pep+ABC_F1_fwd	GCCATCATGAGCTTGTGTTCC	For $\Delta$ <i>phrA2-ABC</i>
Pep+ABC_F1_rev	tcaaacgggggatccCTCATATTAACCACCTTTTTCTTATC	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT
Spec_term_rev	agcgggggtttttgcgTGGATCCAATTTTTTTATAATTTTTTTA ATCTG	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT::OE <i>phrA2-ABC</i>
Pep+ABC_F1_fwd	GCCATCATGAGCTTGTGTTCC	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT::OE <i>phrA2-ABC</i>
Pep+ABC_F1_rev	tcaaacgggggatccCTCATATTAACCACCTTTTTCTTATC	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT::OE <i>phrA2-ABC</i>
spec_fwd (+pep)	ggtggttaatatgagGGATCCCCCGTTTGATTTTAAATG	For $\Delta$ <i>phrA2-ABC/OE</i> lanAMT::OE <i>phrA2-ABC</i>
Spec-F	ATCGATTTTCGTTTCGTGAATACATGTTAT	For D39 $\Delta$ <i>phrA2</i>
Spec-R	GTTATGCAAGGGTTTATTGTTTTCTA	For D39 $\Delta$ <i>phrA2</i>
LF-SOE1745-F	GCGTCCAACGTGGCTCTGCACCA	For D39 $\Delta$ <i>phrA2</i>
LF-SOE1745-R	TATTCACGAACGAAAATCGATTTTCTCTGCGAGTGTAT TCATTA	For D39 $\Delta$ <i>phrA2</i>
RF-SOE1745-F	AACAATAAACCCCTTGCATAACAAGGAACTAGATACTGTT TAGTT	For D39 $\Delta$ <i>phrA2</i>
RF-SOE1745-R	GCTAGGACACTATGGACTTCTTG	For D39 $\Delta$ <i>phrA2</i>
<b>Nanostring Probe Name</b>		
<i>tprA2</i>	AGAAGCCGTCCAAGAAGCCTTAGAAACCATTGACTTTT GTAACAAAAAGAGACCAGCTATCAGCTGGCTCCTCTT TTAACTATCGTTGCGAATGCCGGA	enumeration of <i>tprA2</i> mRNA transcripts in nCounter
<i>ABC ATPase</i>	GAGAAATCTATGGCTTACTAGGAAGAAATGGTACTGGA AAGACAACCTTTATCAAGGCTATTTTAGGCTTGACAGC TATGGATAGTGGTGAAGTGAATAT	enumeration of <i>phrA2</i> and <i>ABC ATPase</i> mRNA transcripts in nCounter
<i>lcpA</i>	AAAAAACCTATTTACGAATCACTAAGTACAGAAGGTAAT CCAGCTGGGGATATCTTGCGTGAACCTAGCGATAGCG AGATGGATCAAGCTATGGCTGGCG	enumeration of <i>lcpA</i> mRNA transcripts in nCounter
<i>lcpM</i>	TTACCTAATATAGTTTGGGGTAAAGATGGGAACCTCTG GGGTGGATATTAGCGGTCTAAGTTCAAGCGCAGGAGA GATGATCCGATTGAACGTTGCAAGTA	enumeration of <i>lcpM</i> mRNA transcripts in nCounter
<i>lcpT</i>	CAATTATCTGAGACCAGTTGTGGTTTAGCATGCATGG CAATGATTTTAGATTATATGGGCATGAGGCAAACTTA TATGAATTATGCTGTGATTTTGAGA	enumeration of <i>lcpT</i> mRNA transcripts in nCounter
<i>gyrB</i>	AAGTTTGAAGCGAGATTAAAGAATATATCCAGCCGG GTGCAGATCAAGAAATCAAACCTCAAGAAGCTTTAGCC CGTTATAGTGAAGGTCGTACCAAAC	enumeration of <i>gyrB</i> mRNA transcripts in nCounter
<i>metG</i>	GGTCGCCTTAATGAAATGCTACGCAACTTCATCGAGC CAGGTTTGAAGATTTGGCGGTATCTCGTACAACCTT TACATGGGGAGTGCCTGTCCCATCAA	enumeration of <i>metG</i> mRNA transcripts in nCounter