

**S2 Table. Primers used in this study**

Name	Sequence (5' to 3')
<b>One-step inactivation of chromosomal genes</b>	
greAP1	CCCTACAGGAATGTTCAAGAGGTATAACAAATGCAAGCTGTGTAGGCTGG AGCTGCTTC
greAP2	TACACCAACAATTTGCGTATTGAGTACTGCTTAAAGGTACATATGAATATC CTCCTTAGT
greAP1UP	TGACCCTGGTATGGCATAT
greAP2DOWN	TCTGTGTAACGAGGGGTT
greBP1	CAATATCGACAGCAAAGGTAAATCAACGAGATGAAAACGGTGTAGGCTGG AGCTGCTTC
greBP2	CATCAGCGGGGCTTAGGATTCTTCTTGTCTTATTTGACCATATGAATATC CTCCTTAGT
greBP1UP	CTTAAATATACAATTAATCGGC
greBP2DOWN	AAAATCAGGGGATAGTTATAC
hilDP1+76	ATGGAATGTAACCTTTGTAAGTAATAGTCATCAGCGTCTGTGTAGGCT GGAGCTGCTTC
hilDP2.1	TTAATGGTTCGCCATTTTTATGAATGTGCGATGGCGTAGTTTTTCATATGAATA TCCTCCTTAGT
hilDP1UP	GTAGGATACCAGTAAGGAAC
hilDP2DOWN	GCGTGTTAATGCGCAGTCTG
hilDP1+1235	GATATTGCCTTATTCACATCGTAAGAATTCGTCCAGATGACACTATCTCCG TGTAGGCTGGAGCTGCTTC
hilDP2.2	TATAAATATGAATAAAATGCCGGCCTTAATCCACAGGGTTAAAGCCGGAA CATATGAATATCCTCCTTAGT
rtsAP1	GCACATTTAATAAAAAGGAAATTATCATGCTAAAAGTATTTAATCCCTCACC GTGTAGGCTGGAGCTGCTTC
rtsAP2	TCTTATACTGCATTGTCAGATATCTCAATTAACATATTGATGACGAGAGGC ATATGAATATCCTCCTTAGT
Hfq-P1	GTACAATTGAGACGTATCGTGCGCAATTTTTTCAGAATCGAGTGTAGGCTG GAGCTGCTTC
Hfq-P2	CCCGACATGGATAAACAGCGCGTGAACCTTATTCAGTCTCTTGATATGAATA TCCTCCTTA
rtsAP1UP	GATCGCCACCTGATACCTTA
rtsAP2DOWN	GCGAGCAACAGAATCCCATC
KT	CGGCCACAGTCGATGAATCC
K2	CGGTGCCCTGAATGAACTGC
C1	CCTTGTCGCCTTGCGTATAA
C2	CCTACCTGTGACGGAAGATC
LACZR	GATGACCTGCAAGGCGATTA

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**Epitope tagging of chromosomal genes in *Salmonella***

InvFP13Flag	GCCGCGGAAATTATCAAATATTATTCAATTGGCAGACAAAGACTACAAAGA CCATGACGG
InvFP23Flag	GCGGCACATGCCAGCACTCTGGCCAAAAGAATATGTGTCTCATATGAATA TCCTCCTTAG
InvFP13FlagUP	GCGTATGGCGCAATCGCTGC
InvFP23FlagDOWN	CCCACCTCCCGTTACAGG

**Cloning**

greASalmUP	<u>GAATTC</u> TCGCGCTAACACCCTGG
greASalmDOWN	<u>GGATCC</u> TCGCTGCCGCGTTAAGG
greBSalmUP	<u>GAATTC</u> GTA CTCCCAAAGGTTCCGC
greBSalmDOWN	<u>GGATCC</u> ATGGGTTAGCTTCGTC
greASallUP	GGGG <u>TCGAC</u> GGA ACTCCAGGGTAAAATGG
greABamHIDOWN	GGGG <u>GATCC</u> TCGCTGCCGCGTTAAGG
pBR-FW	CCATTATTATCATGAACATTAAC
pBR-RV	GATGCCGGCCACGATGCGTCC
hilDNcol1	GGG <u>CCATG</u> GGGAGCGCGTTTACAACATTATA
UTRSall3	GGG <u>TCGACT</u> TAAAATATTTTTTGAACA
UTRSall8	GGG <u>TCGAC</u> GCAAATAGTTCTCAGAGGGAAC
UTRSall6	GGG <u>TCGACA</u> AAGGAGATAGTGTCATCTGGAC
hilDFw322	<u>GGATCC</u> TGTTAGCGATGTCTGTCC
hilDRv322A	<u>GTCGACT</u> GCCTGGCAGAACTAAC
hilDBADFW	CGG <u>AATTC</u> TAACATCAACAAAGGGATAATATGGAA
hilDBADRv	GCT <u>CTAGA</u> TTAATGGTTCCGCATTTTTATGAA

\* Restriction sites underlined

**Quantitative PCR (qPCR)**

hilDRTFW	GCCAGAAGAG AGGTATTTG
hilDqPCRRV	CAGTAAGCAGGAACAGCAG
hilAqPCR1	GGATATTCTTGAGCTCATGG
hilAqPCR2	GAGAAGCGGGTTGGTGTC
hilCqPCR1	CTCACCCGCAAATGGTCAC
hilCqPCR2	GCCTGATTCATACGAGCATC
rtsART-FW	GTATATTACGGCATCAGGGC
rtsART-RV	GCCTGTTTCTATTGGCGC
GAPDHqPCR1	GTCCGTCTAAAGACAACACC
GAPDHqPCR2	CATCAGACCTTCGATGATGC

**RT-PCR**

SipAFor	GAACGGTGTGGAGGTATCTG
SipARev	GAGAATGTTAAAACCGATACC
Sall16S	CTACTGGAAACGGTGGCTAA
Sall116S	AAGCCTGCCAGTTTCAATG

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