

Table S3. Primers used for analysis of Shimaa village strains

Primer region, name	Primer sequence (5' to 3')
<i>cagA</i> (3' region)	
<i>cagTF</i>	accctagtcggtaatggg
<i>cagTR</i>	gcttagcttctgayacygc (y=c+t)
<i>cag</i> PAI Right Junction	
4584	gtaatacaaaaagggtggttccaaaaatc
5280	ggttgcacgcatttccctaatac
<i>vacA</i> mid region	
VAmF	ggccccaatgccagtcagtgat
VAmR	gctgttagtcctaaagaagcat
<i>vacA</i> signal sequence	
VA1-F	atggaatacaacaaacacac
VA1-R	ctgctgaatgcgccaac
<i>hp0519</i> region	
hp518A1F	caagtgctattataatggaaaaata
hp519/520 F4	attatagcaaaaaatataaaacctat
IS605	
orf19F	ggctgttctagggctgtgataac
orf19R	caagctagatgcaatctagctacc
IS606	
FB2-F	ggagggtagttgataagcaaatc
RB3-R	gttagactttaacaccctacgg
IS606-Shi (remnant)	
IS606shima-F	gaacaagaaagcaaactgcaac
IS606shima-R	tgttcgcaacgtaatatctctg
ISHp607	
IS607F2	gcatagatatttaagccattaga
IS607R2	tgattatttaaaaaacctaactacc
ISHp608 universal	
IS608F1univ	ccataacgccttaatagtggtgc
IS608R	caagctttggagtgatgaagttc
ISHp608 type 2	
608all2F	tatataaaaacaaccacaaca
608all2R	ttttgtcaatcttactctta
ISHp609	
609F1	cacaacaggtattaatgctt
609R1	cttagctctgtttccagc
<i>atpA</i>	

atpA1	gcttaaatggtgatgtcg
atpA6	cttattcgccctgcccatt
cysS	
cysS-F	ctacggtgatgatgacgctca
cysS-R	ccttgtaggggtccatcaaag
glr	
5733F	cacatcgccgctcgcatga
6564R	aagcttgtgtattctaaaatgcaac
ppa	
ppa8	cccctagaaaatcctatttgataatc
ppa9	agtggtagcttagcgacgctc
glmM (ureC)	
glmF	tttgggactgatggcgtgaggg
glmR	tctttaattcttgcattttggattcta
recA	
recA1F	gcgttggtacgccttggggataagcaa
recA4R	gcctgcccctagcttttatcctggt