

Supporting information for Israel *et al.* (November 27, 2001) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.251551698.

**Table 2. Oligonucleotide primers used in this study**

Oligonucleotide name	Forward/reverse	J99 ORF	26695 ORF	Sequence	Gene name	Ref.
JHP39	F	JHP39		GCATCAAAGAAGCTTATGAG		This study
JHP40	F	JHP40		GAATTGCTGCCTAGGATTTG		This study
JHP0130R	R	JHP0130	HP0142	AGAGCTTATGGGTAAGGTCTC	<i>mutY</i>	This study
JHP0130F	F	JHP0130	HP0142	TCTATATCAGCGAAGTGATGAG	<i>mutY</i>	This study
JHP923F	F	JHP923		TAAGGAGCGGTAAGGAATAC		This study
JHP923R	R	JHP923		CTCTTCAATAGGATTTGCTTG		This study
JHP924F	F	JHP924		CTACAATACCGCTAACGAAG		This study
JHP924R	R	JHP924		TGATCCTGCCTTGACAATG		This study
JHP925R	R	JHP925		TCCTTGCTTTCCAGTTCTTC		This study
JHP926F	F	JHP926		AATGGGAGGGCTTAAGCAAG		This study
JHP926R	R	JHP926		TTGTTGCTTTGTTTCATTTGC		This study
JHP927F	F	JHP927		CAACAATTGCTTTCAGCAAC		This study
JHP927R	R	JHP927		GAATGATTGCTTGCACCTAAG		This study
JHP928F	F	JHP928		GGAGCGATCGAGTGATGAAG		This study
JHP928R	R	JHP928		TCACTGCGTCTATCAAGCTC		This study
JHP929/931F	F	JHP929		GAGCCAGCTACAGAACAAGTGA		This study
JHP929/931R	R	JHP931		GAGCATATCTGCAACTCGTCTT		This study
JHP939F	F	JHP939		GCTAAGGTGGACGGCTCTC		This study
JHP939R	R	JHP939		TCGCCACTCATATTAGCCATAG		This study
JHP941F	F	JHP941		TTGCCCTAGATAGACATTACGC		This study
JHP941R	R	JHP941		GCCACTTTCTTGTTATGCTCTTG		This study
JHP944F	F	JHP944		CTAATGAAGAAATGCAAGTGC		This study
JHP944R	R	JHP944		TTTGCTTCCAAGATCCCATG		This study
JHP945F	F	JHP945		CTGCTCCAGTCCAGTTATGC		This study
JHP945R	R	JHP945		GCGCTTTGGTTTGAGCGATG		This study
JHP1211	F	JHP1211		CTAAATCGGTGGTGCTAGTG		This study
JHP1212	F	JHP1212		CTCCCTCTGGCCACCATTG		This study
HP0153F	F		HP0153	AAGATTGACTCTATTTCTACAG	<i>recA</i>	This study
HP0153R	R		HP0153	TAATCTTAAGAGTGATTTTCATC	<i>recA</i>	This study
HP0995F	F		HP0995	AAACTTCACGCCCATCAAG		This study
HP0995R	R		HP0995	TTCATCACTAAGCCAAGCATTG		This study
HP0996F	F	JHP0942	HP0996	AGCCAGATGAAGAGACAATGC		This study
HP0996R	R	JHP0942	HP0996	ATCCAGCATGAGCTTTAGGG		This study
HP0997F	F		HP0997	TGCAAATGGCGTTAAGACAG	IS605 <i>tnpB</i>	This study

HP0997R	R		HP0997	CGTTAGAGGAAGCTCCACAAG	IS605 <i>mpB</i>	This study
HP0998F	F		HP0998	GGGTATATTTCAACCAACAGAAG	IS605 <i>mpA</i>	This study
HP0998R	R		HP0998	GCCTCACCGATAGAGCAAAC	IS605 <i>mpA</i>	This study
HP0999F	F		HP0999	AGCCTGTGTTCAACCCTAAATC		This study
HP0999R	R		HP0999	TACGCTTCTTGTTGGCTTG		This study
HP1000F	F		HP1000	AAAGGAGGGAGCGGTAAATC		This study
HP1000R	R		HP1000	TTTGATCCTTAAATACCCGTTT		This study
HP1001F	F		HP1001	AATGCCAACAAGCATGAAAC		This study
HP1001R	R		HP1001	TCACAACCTTGCTCGCCTTATC		This study
HP1002F	F		HP1002	AATGGGATTAGGCGTGAGTG		This study
HP1002R	R		HP1002	CCCAAGCCTTTGTTATCATCTC		This study
HP1003F	F		HP1003	GGCAACTTAAAGAAGTGAGATGG		This study
HP1003R	R		HP1003	AGGGTTTGTGTTTCATTGG		This study
HP1004F	F		HP1004	AAACTTTGAAAGCGATGAGC		This study
HP1004R	R		HP1004	TTTCTAGTGCATCTAGCTCTGTTT		This study
HP1005F	F		HP1005	GCAACTGCACAATTTCTTAAAC		This study
HP1005R	R		HP1005	GCATTATGCCTTTCTCTTTCTTG		This study
HP1006F	F		HP1006	GAAATGCCAGCATTAAAGTAGGAG		This study
HP1006R	R		HP1006	CTTCATTGGGCTTGACTTCC		This study
HP1007F	F		HP1007	CTTGTGAGATAAACAACCATG	IS606 <i>mpB</i>	This study
HP1007R	R		HP1007	GGCTTTGTTCTTTAAAGTCTGC	IS606 <i>mpB</i>	This study
HP1008F	F		HP1008	ATGATATGAGACACGGAAGAC		This study
HP1008R	R		HP1008	CGTCACTTTTGGAGGGTAG		This study
HP1009F	F		HP1009	TTCTGCAAGCCATTTGAAAG		This study
HP1009R	R		HP1009	ATAAGCGGTGCGAGTGTGTC		This study
HP1010F	F	JHP0413	HP1010	TCTCCTATGCGTCATCAAAC	<i>ppk</i>	This study
HP1010R	R	JHP0413	HP1010	CCTGCGAATTTAAAGGATCG	<i>ppk</i>	This study
CAGIR-R	R			AAAGTGGAAATTTTCATGC	Downstream of <i>cagA</i>	1
CAGIR-L	F			AAGGATTAAGGAATACC	Downstream of <i>cagA</i>	1
VACAP-R1	R			GTGTGTTTGTGTTATTCCAT	<i>vacA</i> promoter	1
VACAP-L1	F			ACAAGGCACGATCTGGG	<i>vacA</i> promoter	1
J99 unk1F	F			TAGTATTCTTGAAATGGCGC	New sequence between 929 and 931	This study
J99 unk1R	R			GTAAAGTTCTTCTGTGTAG	New sequence	This study

					between 929 and 931	
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l. Bereswill, S., Schonenberger, R., Thies, C., Stahler, F., Strobel, S., Pfefferle, P., Wille, L. & Kist, M.  
(2000) *Med. Microbiol. Immunol.* **189**, 105-113.