

Table S1. Primer sets for PCR detection of *Wolbachia* genes from *C. chinensis* and allied insects, and use of the primers and PCR products for experimental analyses.

Gene	Locus ID	Forward primer name	Forward primer sequence	Reverse primer name	Reverse Primer Sequence	Forward primer position	Reverse primer position	Amplicon size from w Mel	PCR product and accession number ¹							FISH probe ² (Fig. 2)	Wolbachia phylogeny & comparison ² (Figs. S1&3A)	Structural disruption ² (Fig. S2)	Rate test ² (Fig. 3B)	RT-PCR ¹ (Fig. 4A)
									C. chinensis jC ^{Aus} (Figs.1&5)	C. chinensis k10 ^{U2} (Fig. 5)	C. chinensis r13 ^{U1} (Fig. 5)	C. chinensis Rm ^{tet} (Fig. 5)	C. maculatus	C. rhodesiana						
dnaA	WD0001	dnaAF	TAATGCATGCTATAGCTTGCCA	dnaAR	TCYACTCCATCAAGATCACTAGG	698	950	253	X	X	X	X								
virD4	WD0008	virD4F	AGTGAAAAACCTGGRCAGATGGT	virD4R	GTATCRATCAATGGGTTTRCCCA	8982	9285	304	X	X	X	X								
fusA	WD0016	fusAF	GCAGCTTCTATGGATTGGATGGA	fusAR	GCGCCYAAYGTTTCTTCTTGCCA	14338	14731	394	X	X	X	X								
rpoC	WD0024	rpoCF	CNCCTGTTGCYCATATATGGTT	rpoCR	ATAGGTATAGTTGTAAGTATCATCCA	25333	25693	361	X	X	X	X								
serS	WD0028	serSF	AATGATGARCTTGAGCGTATGAC	serSR	TTTGGTATTGYAATCGACCCGTC	32372	32675	304	X	X	X	X								
prsA	WD0036	prsAF	GATGGTGAGGTAAGTGTAGAAGT	prsAR	TTACAYAATGTTCCRCCAGAGTC	38963	39518	556	X	X	X	X								
dnaJ	WD0040	dnaJF	AGAACATGTACTACATGCTATGG	dnaJR	TTGGTACYAGTYTGAGTRCCTTC	43810	43489	322	X	X	X	X								
rplM	WD0067	rplMF	GGRAGRCTTGACGATTTGTAGC	rplMR	TCAAGCATYCTTTTCACYGCCAT	64487	64277	211	X	X	X	X								
secD	WD0086	secDF	AAATCTCTGCTTGGCCAAAAGTGC	secDR	CTTCNATTATTTTAAGTGGTGCTGG	79606	79213	394	X	X	X	X								
ddlA	WD0095	ddlAF	CTRCATGGACCTTATGGTGAAGA	ddlAR	AAYTCAGTAAAGCCAGGATGTGT	87572	88160	589	X	X	X	X								
dacC	WD0098	dacCF	GAGGGYATYGCAGGATCAGAAGA	dacCR	GTTATGGTAACATCGTTTGCAAC	91106	91595	490	X	X	X	X								
putA	WD0103	putAF	AAAGCTATAGGTGAATCCACTGA	putAR	GTRCGCTTGATTTCTGARTCCCA	96592	96229	364	X	X	X	X								
gyrB	WD0112	gyrBF	CAGCAGCAGAGGTAATAATGAC	gyrBR	TATNCTCRTAGTAGGARTCATTCCA	103802	104312	511	X	X	X	X								
ftsK	WD0120	ftsKF	GGAAAAATCGCTATCGCATGATG	ftsKR	GATGGGCGTTGTGTGCCAT	112930	112655	276	X	X	X	X								
pheS	WD0132	pheSF	GATGCAACTCACACYCCTATGTT	pheSR	AGCATTGCNAGCCTTTCTATACC	121459	121735	277	X	X	X	X								
metK	WD0136	metKF	GCTGGAGATCAGGGCATAATGTA	metKR	AATCCACAATCACTAACC GGTC	125248	125566	319	X	X	X	X								
gatB	WD0146	gatBF	TCTCTRGTGATGCRGCAATGCC	gatBR	CAACGAAGTGATCCCTTTTCCAT	131697	132105	409	X	X	X	X								
cysS	WD0149	cysSF	GAYACAGCACATATAGGYAATGC	cysSR	TTGCCAAGGTAAGCATATGACAT	137807	137288	520	X	X	X	X								
uvrC	WD0154	uvrCF	CTTGCTGCTYTNATAGAGATCG	uvrCR	CTGGTTAGCACTTCYCTCATCAT	142015	141397	619	X	X	X	X								
glyQ	WD0156	glyQF	GARGTNACATGCAAYGGAATGGA	glyQR	CCTCTTGCATCRAGCAGATTAAG	145244	144920	325	X	X	X	X								
map	WD0167	mapF	GAAACTCTTGATTTTCATTGCACC	mapR	AGATCGCGTGTTGTTACTGTCCA	154745	155312	568	X	X	X	X								
mraW	WD0170	mraWF	GCTGGAGGRTATAGCAAAGCAAT	mraWR	TTTACCCATATTCTGATTGCCTG	157037	157592	556	X	X	X	X								
pth	WD0175	pthF	CTTGTAAYCCTGGTAGTCAATA	pthR	GAYTTAAGTCCATTATGTCCAGC	159577	159859	283	X	X	X	X								
ubiH	WD0177	ubiHF	ATGGTTTRGYGAAGAGCCAATGGG	ubiHR	TGRATTGAATGTGCTGCATCGCC	162353	161813	541	X	X	X	X								
mrp	WD0179	mrpF	TATATATGGTCCTTCAATTCC	mrpR	GGTACGCTGAGCTTTGTAACAT	164411	164084	328	X	X	X	X								
mutS	WD0190	mutSF	ATTACTGGTCCTAATATGGCTGG	mutSR	GTTATATTATCCGTTGCGCCAAC	172090	171979	112	X	X	X	X								
guaA	WD0195	guaAF	CATAATGTTGGTGGRTTGCCAGA	guaAR	CCRTAYGTACGACCATCTCCCAT	177139	176860	280	X	X	X	X								
nrdA	WD0197	nrdAF	TGGTTYATGCCTTCAACNCCAAT	nrdAR	GCTGTTACTGAYTCAAAAGGAAC	180751	179869	883	X	X	X	X								
pstC	WD0202	pstCF	GTNCCGCTTGGTTTATTTTCTGC	pstCR	CATTAGYACAATCATTGTTTCACC	186868	187249	382	X	X	X	X								
atpD	WD0203	atpDF	TATAGTYCGTTGATTGCTATGGA	atpDR	TTGCTCCAGGAGGCTCATTCTAT	187752	188229	478	X	X	X	X								
araD	WD0208	araDF	CAAGCAAGGAAAGATATYCAAGC	araDR	TGCCAATCYCTCTACCAAGATT	191569	191203	367	O [EF534605]	O [EF534606]	O	O [EF534607]	X	X	O	O	O	O		
gltP	WD0211	gltPF	TATGCCCTTGCTTGTGGATTTGT	gltPR	GCACCRTTACCCATAACRTTTGC	194068	193396	673	O [EF534608]	O [EF534609]	O	O [EF534610]	X	X	O	O	O	O		
nrdB	WD0212	nrdBF	AAACCTTTTAATTACCCTTGGGC	nrdBR	GCTGCAATGTGTATGGTTTCCAT	195525	195291	235	X	X	X	X								
clpB	WD0224	clpBF	GCAAAAYATTGTTTCAAAGTGGAC	clpBR	CTTTGAAACAGAATGTTTTCCAT	208218	207939	280	X	X	X	X								
pyrC	WD0230	pyrCF	TGTRAAGGRCCTTGTCTAATGCC	pyrCR	AGYTAGCGCRCTGYCTCATAATCAT	216161	215852	310	X	X	X	X								
yidC	WD0237	yidCF	GTRGTGTTTCTGTACCTGCAGA	yidCR	TCAGGTATGATRGCTGTRAGCCA	224463	224880	418	X	X	X	X								
prfA	WD0247	prfAF	ACAGGNGGAGAAGAAGCAGCATT	prfAR	CTCAATACTTTGAGCGCTTTAGC	231731	232151	421	X	X	X	X								
pinR1	WD0288	pinR1F	GTACAAACAGTGYTATCAGGRGC	pinR1R	ATTATTCTCCTCACTGTNGCCTT	267707	267965	259	X	X	X	X								
coxB	WD0300	coxBF	ATTGGYCATCAATGGTATTGG	coxBR	ACTGCTTCAAYAACAATTGGCAT	280086	280385	300	X	X	X	X								
coxA	WD0301	coxAF	AACGTAATGRTTACAGGGCATGC	coxAR	AAYTCAATYGCTCCACCCACAT	280676	281465	790	X	X	X	X								
gloEL	WD0307	gloELF	GCAGTRAAAGCTCCAGGTTTTGG	gloELR	ACTATACCTTCTTCAATTGCAGC	288004	287635	370	X	X	X	X								
recJ	WD0312	recJF	GAYTAYGATGTTGATGGTCAAC	recJR	AGAAATGACACTCCAAGTGTGC	292463	292157	307	X	X	X	X								
lon	WD0317	lonF	GRAAACTTAYATTGGYTCAATGCC	lonR	CCCGGACAATTGTATAATTTCCAT	297922	297679	244	X	X	X	X								
lpdA2	WD0325	lpdA2F	GGYGGTATATGYTTAAATTGGGG	lpdA2R	GTCATAGCRTGCTGYGCATTCCA	307118	306779	340	X	X	X	X								
adeK	WD0337	adeKF	GTAATTGTTGGTCTRCAATGGGG	adeKR	TCATAACATGGCCCTATCCCTTT	321055	320698	358	X	X	X	X								
dnaG	WD0348	dnaGF	GGRARAGTTATTGGTTTTGGCGG	dnaGR	CGTCCAGCACTATCGCCATCCAT	330601	330337	265	X	X	X	X								
dnaB	WD0354	dnaBF	TTRGCTGCAAGGCCTTCTATGGG	dnaBR	AGRGCRCTRATTGATAGCGCAGG	337613	337361	253	X	X	X	X								
recB	WD0359	recBF	ATAAATCCTAATTTYTCTGTRTGGGT	recBR	CAATTTGGARCAATGCCAGCTTC	344651	344291	361	X	X	X	X								
prfB	WD0374	prfBF	GGAACNGAGAGCAATGATTGGGC	prfBR	ACCGCACTTTTCAGTYTTGTTTAC	353472	353145	328	X	X	X	X								
tkt	WD0387	tktF	AGGYATGCCACTTGGNATGGC	tktR	TGCTTCATGGCTTATTCCTTCCAT	371174	370823	352	X	X	X	X								
argS	WD0402	argSF	GTATCTGCAAAATCCAATGGTCC	argSR	GCAAAATAAGTCCAATGCCGTC	383378	383933	556	X	X	X	X								
aspS	WD0413	aspSF	TTTCATAACCCATTYTCCATGCC	aspSR	ACATCTTCACCYTGCTGRTTCAT	391263	391566	304	X	X	X	X								
ileS	WD0423	ileSF	GAGCTRAATAAGAGAGTTAATTGGAT	ileSR	GCATCGAGCCAGATTCAAACCA	401252	401537	286	X	X	X	X								
atpB	WD0427	atpBF	ATACCAGGNTATTTGCAAGCTGC	atpBR	GCAATCATRTTTGCNGCAAGCCT	408830	409169	340	X	X	X	X								
csi	WD0431	csiF	GTGCCTCATCTYTGCTTAGAAC	csiR	TTTAATTTGCGCTGTACACAYGC	411362	411500	139	X	X	X	X								
ctaA	WD0432	ctaAF	GCATTTTRYCGTTGGTATATGGT	ctaAR	GCAATTCATRTTTGCNGCAAGCCT	412627	412834	208	X	X	X	X								
pccA	WD0433	pccAF	AATGTAGTGCCAGGATATATGGG	pccAR	TCTGTACTGGATGCTCAACTTG	414844	414373	472	X	X	X	X								
pcnB	WD0444	pcnBF	ATAGAGRAATTTGGTGGTGAGGC	pcnBR	TYTTGCATGCTCTTAAGTGTGG	428420	428990	571	X	X	X	X								
tatC	WD0452	tatCF	TCTTTTCTGTTRTTGCATGGCA	tatCR	ACTTGGCTTAAYACATCAGGTGG	434589	434961	373	X	X	X	X								
valS	WD0464	valSF	GAAARATGCAGCCYATYCTTTGGGA	valSR	GTTTCATCCCAAYATGACAGCACAT	447449	447170	280	X	X	X	X								
pyrG	WD0468	pyrGF	CCRTATCTCAACATTGATCCTGG	pyrGR	TCACCTACRGTTCCGCCTATTTT	450506	450773	268	O [EF534611]	O [EF534612]	O	O [EF534613]	X	X	O	O	X	O		
cog0590	WD0469	cog0590F	GTGCCNATAGGTGCTGTAATAGT	cog0590R	CCRTTTTCAAYTCTCCACCTTT	452040	452244	205	O [EF534614]	O [EF534615]	O	O [EF534616]	X	X	O	O	O	O		
hflB	WD0472	hflBF	GGCCCTCCTGGAAATGGTAAAC	hflBR	AACCTACGYCCAGAAATAGCCTTC	455222	455681	460	X	X	X	X								
acoB	WD0473	acoBF	GAAGAAGTTGCRGAGTATGATGG	acoBR	AAYCCYGGTATATGCGAATACCA	456534	456831	298	X	X	X	X								

<i>maeB</i>	WD0488	<i>maeBF</i>	AAYGAGGAYATGAATGAGTGGAA	<i>maeBR</i>	CTCTRAATATATAAGGAAANCCCAT	469692	469941	250	X	X	X	X									
<i>fumC</i>	WD0492	<i>fumCF</i>	GTACCAAGTGAACATTAYTGGGG	<i>fumCR</i>	TGCTYTGCTGCTGCTATRTGCAT	473423	473051	373	X	X	X	X									
<i>eno</i>	WD0494	<i>enoF</i>	GARGACGAYTATGARGGTTGGAA	<i>enoR</i>	AGYCTATCAGAACGCGATAGCGA	475284	475005	280	X	X	X	X									
<i>rlpA</i>	WD0496	<i>rlpAF</i>	GAGATAGGRRTAGCATCRTGGTA	<i>rlpAR</i>	TGTTTCGGATGACGTTTCTGCAT	477881	478199	319	X	X	X	X									
<i>miaB</i>	WD0503	<i>miaBF</i>	TCRATTACTGARGCAAGAGGGAA	<i>miaBR</i>	ACATTCTCTGGYACTTGTGGCAT	483975	483450	526	O [EF534578]	X	X	X	X	X		X	X	O	O	O	O
<i>gatA</i>	WD0505	<i>gatAF</i>	AAYATGGATGAATTTGCTATGGG	<i>gatAR</i>	GGTATACCAATRCGCTTACCCTT	485203	485596	394	X	X	X	X									
<i>mutL</i>	WD0509	<i>mutLF</i>	GTRGARAATGCAATAGATGCTGG	<i>mutLR</i>	TTTCTGCCCTTTTCGGTTTTTAG	491664	491301	364	X	X	X	X									
<i>tp1</i>	WD0517	<i>tp1F</i>	AGRGATCRTACAAGAAAGGAGG	<i>tp1R</i>	CCATCATARCCTTTGNTCCC	508699	508439	261	X	X	X	X									
<i>pyrH</i>	WD0530	<i>pyrHF</i>	ATCTCTGGTGAGGCTYTGATGGG	<i>pyrHR</i>	TAAGGTTCRCATAYAGTGRCAT	517485	517227	259	X	X	X	X									
<i>secA</i>	WD0549	<i>secAF</i>	CAAAACGAGAYACAGARTGGATG	<i>secAR</i>	GAATATCTCCTGCCYTCCATCAT	534828	535388	561	X	X	X	X									
<i>corB</i>	WD0558	<i>corBF</i>	CAYAGYAGAGTACCTTTATGGCA	<i>corBR</i>	CATACCTGCTAGAGTTGTAGCTTC	543560	543170	391	X	X	X	X									
<i>nuoD</i>	WD0560	<i>nuoDF</i>	ATYAAACAGGCACCTTGAYTGGG	<i>nuoDR</i>	GCAAGCATRTGTCCTTTTGCCAT	546466	546916	451	X	X	X	X									
<i>cog0863</i>	WD0594	<i>cog0863F</i>	TCAGCTAAYTGGGCAAAGTGGGA	<i>cog0863R</i>	AGCGTAAAATGATTCTTTGCCCA	572555	573085	531	X	X	X	X									
<i>rhaT</i>	WD0621	<i>rhaTF</i>	GGAATAACCTTGTGGACCTATGG	<i>rhaTR</i>	TATGGTGCAAGTGCAGTAGCATC	606638	606209	430	X	X	X	X									
<i>rspE</i>	WD0649	<i>rspEF</i>	CTGCAATATCTCAAGTGCAGCA	<i>rspER</i>	ACTATRTACACYTCNGCTGGCAT	637413	636876	538	X	X	X	X									
<i>rpoA</i>	WD0658	<i>rpoAF</i>	GAGAAYAGTCGTGTTGGYCAAGT	<i>rpoAR</i>	TACCTATATCCTTAGGYGCCA	645657	645267	391	X	X	X	X									
<i>rplR</i>	WD0665	<i>rplRF</i>	ATGGTGGCNTCTGATATATGCAA	<i>rplRR</i>	CCAGARCTTCTTAAAGCCTCAGC	650571	650143	429	X	X	X	X									
<i>rpsC</i>	WD0675	<i>rpsCF</i>	AATGAATCYTTTAAGCATGCTGG	<i>rpsCR</i>	TCAGTACGAGCTATYTACAGCTCC	654358	654037	322	X	X	X	X									
<i>ppdK</i>	WD0690	<i>ppdKF</i>	TAACAGCACGRGGAGGRATGAC	<i>ppdKR</i>	TCTTTGAAATCRGACCTTTTGCAT	667009	666580	430	X	X	X	X									
<i>exoC</i>	WD0695	<i>exoCF</i>	GAAGRRGCAAAGTTTGCTGGTGA	<i>exoCR</i>	TTTGATACCCTAAGRAGCCACCA	672316	672049	268	X	X	X	X									
<i>dgtP</i>	WD0709	<i>dgtPF</i>	TATGAGCACGACTACTATCGCAC	<i>dgtPR</i>	TGAACACTGTAAGCAATATCATC	683448	683877	430	X	X	X	X									
<i>ribD</i>	WD0710	<i>ribDF</i>	GCAGGAATTGAAGTTGAGCAAGG	<i>ribDR</i>	AYAAAAGGAGTGGCATCATTGCC	684824	685403	580	X	X	X	X									
<i>rpe</i>	WD0712	<i>rpeF</i>	GCACCTTCTATACTTTCAGAGA	<i>rpeR</i>	ACRCTTGGAGAAAGTTGAAGGAAC	687777	687447	331	X	X	X	X									
<i>dapD</i>	WD0714	<i>dapDF</i>	AGTTTTATCAACGTTGGTGCATA	<i>dapDR</i>	AATAAGGTGGCACTTCGCCGTA	688825	689095	271	X	X	X	X									
<i>uorf2</i>	WD0718	<i>uorf2F</i>	CTGGTGNAGTGARACGAATAAT	<i>uorf2R</i>	TTGTGGCACGCTTTCTAAGCGT	692645	692303	343	X	X	X	X									
<i>ftsZ^c</i>	WD0723	<i>ftsZF</i>	GTATGCCGATTGCAGAGCTTG ³	<i>ftsZR</i>	GCCATGAGTATTCACTTGGCT ³	699288	700015	728	O	X	X	X	X	X		X		O	O	O	X
<i>gpsA</i>	WD0731	<i>gpsAF</i>	TTTTGTGGACTCGCAATGAAAC	<i>gpsAR</i>	TTTGTGGACTCGCAATGCTGAAC	705440	704729	712	O	X	X	X	X	X	X	X		O	O	O	X
<i>sodB</i>	WD0738	<i>sodBF</i>	ACCTTAGATTTTTATTATGATAAGCA	<i>sodBR</i>	TTCRAGCACTAACCATAACCCA	713571	713277	295	X	X	X	X									
<i>lpdA</i>	WD0751	<i>lpdAF</i>	GCTATYGCTGCTGCAAAACTTTGG	<i>lpdAR</i>	ATRCCTTTTCCAAGTTCTCTGAAC	725157	725352	196	X	X	X	X									
<i>trxB2</i>	WD0755	<i>trxBF</i>	GGTGGTCAGCTTACAATTACTAC	<i>trxB2R</i>	ATACCYGTATTTGGTGCATGCC	729909	729318	592	X	X	X	X									
<i>ribF</i>	WD0759	<i>ribFF</i>	TTAACTTTTGAGCCTCAYCCATC	<i>ribFR</i>	GTTGGAATCCTATTTCTCTACC	733155	733575	421	O [EF534583]	O [EF534584]	O	X	X	X	X	X	X	O	O	O	O
<i>mpp2</i>	WD0761	<i>mpp2F</i>	GGCAAAGCAGGATTGGCTCACTA	<i>mpp2R</i>	GTTTTTATATCGCTYTCCCAGCC	734647	734971	325	O [EF534585]	O [EF534586]	O	X	X	X	X	X	X	O	O	O	O
<i>wd0762</i>	WD0762	<i>wd0762F</i>	CTTGTAATYCAAGAAGRGRCAGG	<i>wd0762R</i>	ATYACACTCTGTGGTATATCCAT	735992	736520	529	O [EF534587]	O [EF534588]	O	X	X	X	X	X	X	O	O	O	X
<i>purN</i>	WD0763	<i>purNF</i>	TCAGGTAGGGGRTCGAAYTGCA	<i>purNR</i>	ATTATRGCTCCAGCATCACTTC	737583	737220	364	O [EF534589]	O [EF534590]	O	X	X	X	X	X	X	O	O	O	X
<i>smpB</i>	WD0767	<i>smpBF</i>	TTAGAAGAATTTGAAGCRGGTATG	<i>smpBR</i>	CTCTGYTTTATGGTTGCTCTCTT	740614	740922	309	O [EF534591]	O [EF534592]	O	X	X	X	X	X	X	O	O	O	O
<i>aprD</i>	WD0770	<i>aprDF</i>	GCAGAAAGTRGTTGAAGCTATGGG	<i>aprDR</i>	CCTYCAGGTTCTGGTAGAGCCAT	743127	743457	331	X	X	X	X									
<i>dnaE</i>	WD0780	<i>dnaEF</i>	GCTGGATCAATTGTTGCTTGG	<i>dnaER</i>	CATATYACAATTCCAGCAGCATG	754279	754692	414	X	X	X	X									
<i>icd</i>	WD0791	<i>icdF</i>	GGAATTTTCTCCAAGTGGTTGGGA	<i>icdR</i>	GGTTCTGTNGCAACGYGCCAT	766114	765664	451	X	X	X	X									
<i>rho</i>	WD0795	<i>rhoF</i>	GTRTTACTTATAGATGAAAGACC	<i>rhoR</i>	AATAGCTCTTCCTTCCTTGTTC	768247	767797	451	O [EF534617]	O [EF534618]	O	O	O	O	O	O	O	O	O	O	
<i>ispB</i>	WD0799	<i>ispBF</i>	TCTGCATGCTGTGAAGCTGCATC	<i>ispBR</i>	TCTGCTGGACTGCCYTTTTCGTA	773276	773456	181	O [EF534620]	O [EF534621]	O	O	O	O	O	O	O	O	O	O	
<i>grpE</i>	WD0800	<i>grpEF</i>	GCTGTTGCRGATAATGAAACGT	<i>grpER</i>	TCTTCTCTTTCCACAACAGCTTG	773943	774177	235	O [EF534623]	O [EF534624]	O	X	X	X	X	X	X	O	O	O	X
<i>trpS</i>	WD0801	<i>trpSF</i>	TTGGTTGGCTTAATCGCATGAC	<i>trpSR</i>	CTTGTACCATCTCTTAAGCTCAT	774665	774902	238	O [EF534626]	O [EF534627]	O	O	O	O	O	O	O	O	O	O	
<i>cycM</i>	WD0803	<i>cycMF</i>	ATGGAGCTTAATAAGATTGCAGC	<i>cycMR</i>	TTGGAATACCTGCAAAATGCCAT	776783	776375	409	X	X	X	X									
<i>recG</i>	WD0824	<i>recGF</i>	TTGCCTGAYTTACCAGARTGGAT	<i>recGR</i>	GCCAAGATAGTAGTYGGTGCCAT	790099	790501	403	X	X	X	X									
<i>uvrB</i>	WD0839	<i>uvrBF</i>	GCTGGAGATCAACCGAGGCAAT	<i>uvrBR</i>	GCGAACCAGACCGTATATGCA	807401	807035	367	O [EF534579]	X	X	X	X	X	X	X	X	O	O	O	X
<i>murD</i>	WD0849	<i>murDF</i>	TTYGTRAACGATAGCAAAGCAAC	<i>murDR</i>	CATTCTRCAAAATGCTTCACCACG	813596	813908	313	X	X	X	X									
<i>virB4</i>	WD0858	<i>virB4F</i>	GCAGATACAGCAAAATCGRATGAT	<i>virB4R</i>	AAAARCTGTNACGGCATCTCCCCA	829376	829037	340	X	X	X	X									
<i>alaS</i>	WD0862	<i>alaSF</i>	ATGTTACAAATGCTGGYATGGT	<i>alaSR</i>	GAAAAGCCCATCTTACGCCA	835698	835413	286	X	X	X	X									
<i>fabD</i>	WD0869	<i>fabDF</i>	GGYTCNCAGTTTGTAGGAATGGG	<i>fabDR</i>	ACCATTCTCTCCATTTCACTCT	843036	842316	721	X	X	X	X									
<i>rnd</i>	WD0878	<i>rndF</i>	GATGGCAACGCTCACTTAGTTCA	<i>rndR</i>	CGAGTAGGAGAAATTCAAAGCA	849553	849931	379	X	X	X	X									
<i>radA</i>	WD0887	<i>radAF</i>	CCYAAAACCTCGGARCATATGGT	<i>radA2R</i>	TTAATATCCCAMCCAACACTGCT	855734	856007	274	O [EF534695]	O [EF534696]	O	O	O	O	O	O	O	O	O	O	
<i>ftsY</i>	WD0888	<i>ftsYF</i>	ATGGTATGCGGAGTAAATGCTAA	<i>ftsYR</i>	TCATGAGGRGCAGTGATCCCAA	856966	856660	307	O [EF534677]	O [EF534678]	O	O ⁴	X	X	X	X	O	O	O	O	
<i>hesB</i>	WD0890	<i>hesBF</i>	CGTCTTTTRGAGTCGGTAATTGA	<i>hesBR</i>	TGAAAACCTCTCTCCACAACCACA	858128	858269	142	O [EF534679]	O [EF534680]	O	O	X	X	X	X	O	O	O	X	
<i>hscA</i>	WD0892	<i>hscAF</i>	CAAGTTCTTGCAGTTGGTGGTGA	<i>hscAR</i>	CCATAGTTTCTATGCCAAGTGA	859390	859873	484	O [EF534682]	O [EF534683]	O	O	X	X	X	X	O	O	O	O	
<i>afuA</i>	WD0897	<i>afuAF</i>	ATGGAAAAAYGGTGGTGAAGCTGA	<i>afuAR</i>	TCACCACCRCTTGGTTTTCTTGC	864057	863709	349	O [EF534629]	O [EF534630]	O	O	X	X	X	X	O	O	O	O	
<i>pnp</i>	WD0906	<i>pnpF</i>	CCTGTYGCTGGAATTGCTATGGG	<i>pnpR</i>	AACTTTACCATCATCTCCTATTTC	871271	871631	361	X	X	X	X									
<i>prfga</i>	WD0906	<i>prfgaF</i>	GGTCATGGYAAACTTGCTTGGAA	<i>prfgaR</i>	ACAGAAACTTTACCATCATCTCC	871097	871637	541	X	X	X	X									
<i>uvrA</i>	WD0916	<i>uvrAF</i>	GTTGTTATAACTGGGCTAAGTGG	<i>uvrAR</i>	TATCTCTTTAAGATGYTCTCCCTT	882648	883020	373	X	X	X	X									
<i>metC</i>	WD0925	<i>metCF</i>	ACCGTTTGTGACAATTCATGGGC	<i>metCR</i>	ATCAAACGTGTCRCATCCTCCCCA	890670	890220	451	X	X	X	X									
<i>dnaK</i>	WD0928	<i>dnaKF</i>	GTTGGTGGYATGACTCGTATGCC	<i>dnaKR</i>	TGYTGATTGAATCAGCRTCATC	892514	891812	703	X	X	X	X									
<i>aarF</i>	WD0939	<i>aarFF</i>	TTTGAAGCTGCTCACTCTCGGA	<i>aarFR</i>	CCNATAATRRGTTACCTATTGC	900595	901012	418	X	X	X	X									
<i>qor</i>	WD0948	<i>qorF</i>	GGRCAAATAATGCCAATGGGC	<i>qorR</i>	GCRTTACCTGATATCGCCCAT	909388	909160	229	O [EF534632]	O [EF534633]	O	O	X	X	X	X	O	O	O	O	
<i>spoU</i>	WD0951	<i>spoUF</i>	CGGTGTATAGAAGCTTGAATAC	<i>spoUR</i>	CATTCTTTTCTCTTCAGAACCAAA	912043	911542	502	X	X	X	X									
<i>asd</i>	WD0954	<i>asdF</i>	GCAGGCAAAGCAGCAATGGATGA	<i>asdR</i>	AGRTTRTCAGCCACTATCCACAT	914078	913655	424	X	X	X	X									
<i>uvrD</i>	WD0963	<i>uvrDF</i>	AATATTTGYTGTRGGAGATGA	<i>uvrDR</i>	TAGAATTTTACGCCACTTATAATCTT	923553	923184	370	X	X	X	X									
<i>nuoF</i>	WD0976	<i>nuoFF</i>	TGGAGTRCGAGGAGTTGGGA	<i>nuoFR</i>	CTYTTACATAATYCTCCACATCCA	936249	936483	235	X	X	X	X									
<i>infC</i>	WD0977	<i>infCF</i>	GTTGATCATAGTGGTGAATGGT	<i>infCR</i>	TGATTYCCTTCYCTTTTAGGTGC	937130	936752	379	X	X	X	X									
<i>thdF</i>	WD0981	<i>thdFF</i>	GTATTTGGTAAGTCAGGAGTTGC	<i>thdFR</i>	TCCTCTGGAAAGTCTATATATGC	940205	940655	451	X	X	X	X									
<i>trxB1</i>	WD0982	<i>trxB1F</i>	GGAATGCTTGATATGAGATGTCA	<i>trxB1R</i>	ATACCCCAATTGTTTATTGGACC	942059	942731	673	X	X	X	X									
<i>fabH</i>	WD0985	<i>fabHF</i>	GTTGAGACRAGYGATGAATGGAT	<i>fabHR</i>	ACACAAAGTTGACCTATTYCCA	944687	944342	346	O [EF534635]	O [EF534636]	O	O	X	X	X	X	O	O	O	O	
<i>tgt2A</i>	WD0990	<i>tgt2AF</i>	TTTGACTACGTTACAGTGTGGGA	<i>tgt2AR</i>	TGRGAAATGATCTCCCTTCATA	947963	948308	346	X	X	X	X									
<i>dxr</i>	WD0992	<i>dxrF</i>	CCTATYGACTCTGARCACAAYGC	<i>dxrR</i>	TGTACTATYGAYTCAGGATGCAC	949738	949987	250	O [EF534638]	O [EF534639]	O	O	X	X	X	X	O	O	O	X	
<i>spl1</i>	WD0997	<i>spl1F</i>	CACAAARTTTATGGACCTATGGG	<i>spl1R</i>	AYYCCTTCTGTACCATTYCCCA																

¹ O, amplification of PCR product of expected size; X, no specific PCR amplification. In brackets, accession number for nucleotide sequence of the PCR product.

² O, the primers or the PCR product were used for the analysis.

³ See [Kondo et al. 2002b].

⁴ Different primer pairs (ftsYqpF and ftsYqpR in TableS5) were used.