

Supplemental Table 1 Polymorphisms outside QRDR of *gyrA* and *gyrB* in the 138 fluoroquinolone-resistant *M. tuberculosis* isolates<sup>a</sup>

Locus	Sequence change	Amino acid change	No. of isolates
<b>Outside QRDR of <i>gyrA</i></b>			
<i>gyrA197</i>	CTG→CTA	Leu→Leu	10
<i>gyrA226</i>	CCG→CGG	Pro→Arg	2
<i>gyrA231</i>	GCC→TCC	Ala→Ser	1
<i>gyrA236</i>	GGA→CGA	Gly→Arg	1
<i>gyrA238</i>	CAG→CGG	Gln→Arg	1
<i>gyrA247</i>	GGC→AGC	Gly→Ser	1
<i>gyrA272</i>	ACC→ACT	Thr→Thr	1
<i>gyrA277</i>	CAG→CAC	Gln→His	1
<i>gyrA288</i>	GCC→GAC	Ala→Asp	1
<i>gyrA340</i>	AGC→AGA	Ser→Arg	4
<i>gyrA341</i>	TTT→CTT	Phe→Leu	8
<i>gyrA341</i>	TTT→TTG	Phe→Leu	10
<i>gyrA343</i>	GCC→GCT	Ala→Ala	10
<i>gyrA344</i>	AAC→ACC	Asn→Thr	1
<i>gyrA384</i>	GCA→GTA	Ala→Val	1
<i>gyrA485</i>	GAA→GAG	Glu→Glu	1
<i>gyrA498</i>	ATC→ATT	Ile→Ile	1
<i>gyrA506</i>	AGC→GGC	Ser→Gly	1
<i>gyrA549</i>	TTG→TTA	Leu→Leu	1
<i>gyrA552</i>	GAC→CAC	Asp→His	4
<i>gyrA568</i>	CTG→GTG	Leu→Val	1
<i>gyrA581</i>	GCC→GCA	Ala→Ala	2
<i>gyrA614</i>	ATT→ATC	Ile→Ile	1
<i>gyrA653</i>	CTG→CTC	Leu→Leu	1
<i>gyrA686</i>	ACC→ATC	Thr→Ile	1
<i>gyrA714</i>	CTG→GTG	Leu→Val	1
<i>gyrA730</i>	GGC→GTC	Gly→Val	1
<i>gyrA733</i>	AAA→CAA	Lys→Gln	1
<i>gyrA758</i>	CGG→TGG	Arg→Trp	1
<i>gyrA768</i>	GTC→GTA	Val→Val	1
<i>gyrA809</i>	GGC→GGT	Gly→Gly	1
<b>Outside QRDR of <i>gyrB</i></b>			
<i>gyrB55</i>	TCT→TCC	Ser→Ser	1
<i>gyrB105</i>	AAC→AGC	Asn→Ser	1
<i>gyrB129</i>	GCC→GCT	Ala→Ala	1
<i>gyrB221</i>	ACC→ACT	Thr→Thr	1
<i>gyrB229</i>	GTC→ATC	Val→Ile	1
<i>gyrB309</i>	GCG→GTG	Ala→Val	1

<i>gyrB330</i>	ATG→ATC	Met→Ile	1
<i>gyrB389</i>	ATC→ACC	Ile→Thr	1
<i>gyrB393</i>	CTG→CCG	Leu→Pro	1
<i>gyrB423</i>	GTG→GCG	Val→Ala	1
<i>gyrB411</i>	AAG→AAA	Lys→Lys	2
<i>gyrB533</i>	CAC→CGC	His→Arg	1
<i>gyrB549</i>	GGC→AGC	Gly→Ser	1
<i>gyrB551</i>	GGG→AGG	Gly→Arg	1
<i>gyrB579</i>	ATT→CTT	Ile→Leu	1
<i>gyrB628</i>	GGT→GGC	Gly→Gly	1
<i>gyrB631</i>	GAG→GGG	Glu→Gly	1
<i>gyrB642</i>	AAG→GAG	Lys→Glu	1
<i>gyrB656</i>	GAC→TAC	Asp→Tyr	1
<i>gyrB662</i>	GAG→GAA	Glu→Glu	1
<i>gyrB664</i>	ACC→ACG	Thr→Thr	1

<sup>a</sup>QRDR, quinolone resistance-determining region.