

TABLE S1. Oligonucleotide primers and probes<sup>a</sup>

Gene	Name <sup>b</sup>	Target	Oligonucleotide sequence (5'-3')
16S rDNA	MYC1p	<i>Mycobacterium</i>	AGTGGCGAACGGGTGAGTAA
16S rDNA	MYC2p	<i>Mycobacterium</i>	CGTATCTCAGTCCCAGTGTG
IS6110	MYC13p	<i>M. tuberculosis</i> complex	GACCACCAGCACCTAACC
IS6110	MYC14p	<i>M. tuberculosis</i> complex	GACCCGCCAGCCCAGGAT
16S rDNA	MYC3a	<i>M. tuberculosis</i> complex	GATAGGACCACGGGATGCATGTCT
16S rDNA	MYC4a	<i>M. avium</i>	GGATAGGACCTCAAGACGCATGTCTT
16S rDNA	MYC5a	<i>M. intracellulare</i>	GGATAGGACCTTTAGGCGCATGTCT
16S rDNA	MYC6a	<i>M. simiae</i> , <i>M. kansasii</i> , <i>M. scrofulaceum</i>	GGACCACTTGGCGCATGCC
16S rDNA	MYC8a	<i>M. abscessus</i> <i>M. chelonae</i>	GGATAGGACCACACTTCATGGTGAG
16S rDNA	MYC10a	<i>Mycobacterium</i>	GGGATAAGCCTGGGAAACTGGGTCTA
16S rDNA	MYC17a	<i>M. xenopi</i>	ATAGGACCATTCTGCGCATGTGG
16S rDNA	MYC19a	<i>M. haemophilum</i>	GGACCTCAAGGCGCATGCCTTTGT
16S rDNA	MYC31a	<i>M. fortuitum</i> <sup>c</sup>	GAATATGACCACGCGCTTCATGGTGT
IS6110	MYC15a	<i>M. tuberculosis</i> complex	GTGGGTAGCAGACCTCACCTATGTGTC
IS6110	MYC16a	<i>M. tuberculosis</i> complex	TCGCCTACGTGGCCTTTGTCA

<sup>a</sup> The genes used for primers and probes design were: (i) IS6110 of *M. tuberculosis H37Rv* (GenBank acc. No. X17348) and (ii) the 16S rRNA genes of *M. tuberculosis H37Rv* (GeneID 2700429), *Mycobacterium avium* (GeneID 4530020), *Mycobacterium intracellulare* (GenBank acc. No. AJ536036), *Mycobacterium simiae* (GenBank acc. No. X52931.1), *Mycobacterium kansasii* (GenBank acc. No. AJ536035.1), *Mycobacterium scrofulaceum* (GenBank acc. No. X52924.1), *Mycobacterium abscessus* (GenBank acc. No. AJ536038.1), *Mycobacterium chelonae* (GenBank acc. No. AM884324.1), *Mycobacterium xenopi* (GenBank acc. No. AJ536033.1), *Mycobacterium haemophilum* (GenBank acc. No. X88923.1), *Mycobacterium fortuitum* (GenBank acc. No. X52933)

<sup>b</sup> Final letters “p” and “a” in the name indicate primers and probes respectively

<sup>c</sup> *M. fortuitum* 16S rDNA sequence shows some variability among isolates. Probe is designed to target the most common 16S rDNA sequence present in GenBank for *M. fortuitum* (27/49)