

**Supplementary Table S1 The primers in determination of genotypes and sublineages of *Mycobacterium tuberculosis* strains.**

Molecular determination	Locus	Nucleotide sequence	
genotypes	RD711 <sup>a</sup>	Forward: GGCCGCCCTGCTCAAGAACCT Reverse: CCTAGGCCGGCGACGAAGTG	
	RD750 <sup>a</sup>	Forward: GTCGGCGGTCTGCTTCGTTCC Reverse: CCTGTCCGGCCGGTGTCTTTC	
	RD105 <sup>b</sup>	Forward: ACAGCGCGGGTCATATCAC Reverse: AACCAGCTCCTCGACGCTATC	
	RD239 <sup>a</sup>	Forward: GGCCAACATCGACCACCTACCC Reverse: ATCCTCGCTACCGGCACCTCAT	
	TbD1 <sup>c</sup>	Forward: ACGCGGCTGGATGGTGCTGGTTG Reverse: CGCGGGCAGGGTCGTCTGTA	
	pks15/1 <sup>d</sup>	Forward: GTGTCCTCCTTTGGGATCAG Reverse: CTGCCAGGAAACACGAC	
	Rv0679c <sup>e</sup>	Forward: CCGGGAAGTAGGAATGGTAA Reverse: AGCAACCTCGCAATCTGAC	
	sublineages	797736 <sup>e</sup>	Forward: GACGGCCGAATCTGACACTG Reverse: CCATTCCGGGTGGTCACTG
		909166 <sup>e</sup>	Forward: CGTCGAGCTCCCACTTCTTG Reverse: TCGTCGAAGTGGACGAGGAC
1477596 <sup>e</sup>		Forward: GTCGACAGCGCCAGAAAATG Reverse: GCTCCTATGCCACCCAGCAC	
1692069 <sup>e</sup>		Forward: GATTGGCAACTGGCAACAGG Reverse: TGGCCGTTTCAGATAGCACAC	
1892017 <sup>e</sup>		Forward: GCTGCACATCATGGGTTGG Reverse: GTATCGAGGCCGACGAAAGG	
2376135 <sup>e</sup>		Forward: TCTTGCGACCCGATGTGAAC Reverse: GAGCGCAACATGGGTGAGTC	
2532616 <sup>e</sup>		Forward: CCCTTTTCTGCTCGGACACG Reverse: GATCGACCTTCGTGCACTGG	
2825581 <sup>e</sup>		Forward: CCTTGGAGCGCAACAAGATG Reverse: CTGGCCGGACGATTTTGAAG	
4137829 <sup>e</sup>		Forward: CGTCGCTGCAATTGTCTGG Reverse: GGACGCAGTCGCAACAGTTC	

<sup>a</sup>Gagneux S, DeRiemer K, Van T, *et al.* Variable host-pathogen compatibility in *Mycobacterium tuberculosis*. *Proc Natl Acad Sci U S A* 2006; **103**: 2869-2873.

<sup>b</sup>Hanekom M, van der Spuy GD, Streicher E, *et al.* A recently evolved sublineage of the *Mycobacterium tuberculosis* Beijing strain family is associated with an increased ability to spread and cause disease. *J Clin Microbiol* 2007; **45**: 1483-1490.

<sup>c</sup>Sales ML, Fonseca AA, Jr., Sales EB, *et al.* Evaluation of molecular markers for the diagnosis of *Mycobacterium bovis*. *Folia Microbiol (Praha)* 2014; **59**: 433-438.

<sup>d</sup>Zenteno-Cuevas R, Silva-Hernandez FX, Mendoza-Damian F, *et al.* Characterisation of pks15/1 in clinical isolates

of *Mycobacterium tuberculosis* from Mexico. *Mem Inst Oswaldo Cruz* 2013; **108**: 718-723.

°Nakajima C, Tamaru A, Rahim Z, *et al.* Simple multiplex PCR assay for identification of Beijing family *Mycobacterium tuberculosis* isolates with a lineage-specific mutation in Rv0679c. *J Clin Microbiol* 2013; **51**: 2025-2032.