Supplementary material

Supplementary Table 1. Table detailing the mutations associated with resistance in *Mycobacterium tuberculosis.* It consists of four columns: Antibiotic (Isoniazid (I), Rifampicin (R), Ethambutol (E), Pyrazinamide (P), Streptomycin (S), Kanamycin (K), Amikacin (A), Capreomycin (C), and Fluoroquinolones (F)), Mutation (specific variant, genomic position, and affected gene), Resistant (number of resistant samples carrying the mutation), and Susceptible (number of susceptible samples carrying the mutation).

Antibiotic	Mutation	Resistant	Susceptible
I	katG Ser315Thr	26	0
	fabG1 C-15T	8	0
	fabG1 C-8T	1	0
	fabG1 Leu203Leu	1	0
	No mutations	0	0
	Total	33	0
R	rpoB Asp435Val	7	0
	rpoB Ser450Leu	24	0
	rpoA Val183Ala	1	0
	rpoC Val483Gly	1	0
	rpoB Gln432Leu	1	0
	rpoB Asp435His	1	0
	rpoC Phe452Ser	1	0
	rpoB His445Asp	1	0
	rpoC Trp484Gly	1	0
	No mutations	0	0
	Total	33	0
E	embB Gly406Ala	4	5
	embB Gln497Arg	1	1
	embB Met306Ile	7	7
	embB Gly406Cys	0	1
	embA -11C>A	1	1
	embB Asp328Tyr	1	0
	embB Met306Val	1	0
	No mutations	3	2

	Total	18	16
P	pncA Gln10Pro	8	0
	pncA Asp86fs	1	0
	pncA Ala134Val	1	0
	pncA Val131fs	1	0
	pncA Asp12Ala	1	0
	pncA His51Arg	1	0
	pncA Arg154Gly	6	0
	pncA Trp68Ser	1	0
	pncA Leu172Pro	1	0
	pncA Val180Phe	1	0
	pncA Ser104Arg	1	0
	pncA Pro54Leu	1	0
	pncA Glu127*	1	0
	No mutations	6	3
	Total	30	3
S	gid Leu16Arg	10	3
	rrs 1401A>G	19	5
	rrs 1484G>T	0	1
	gid Val110fs	7	1
	rpsL Lys88Arg	2	0
	rpsL Lys43Arg	3	0
	gid Arg39fs	1	0
	No mutations	2	2
	Total	24	9
K	eis -12C>T	3	0
	rrs 1401A>G	24	0
	rrs 1484G>T	1	0
	eis -10G>A	1	0
	No mutations	4	0
	Total	33	0
A	rrs 1401A>G	11	13
	eis -10G>A	0	1

	rrs 1484G>T	1	0
	No mutations	1	6
	Total	13	20
C	rrs 1401A>G	20	4
	rrs 1484G>T	1	0
	No mutations	3	5
	Total	24	9
F	gyrA Asp94Gly	7	0
	gyrA Ala90Val	5	0
	gyrA Ala90His	4	0
	gyrA Asp94Ala	4	0
	gyrB Arg446Cys	3	0
	gyrA Asp94Tyr	3	0
	gyrA Asp94Asn	2	0
	gyrB Ala504Val	1	0
	gyrA Gly88Cys	1	0
	gyrA Ala74Ser	1	0
	No mutations	4	2
	Total	31	2

Supplementary Table 2. Summary table of the available sociodemographic and clinical information of the samples used.

Year	Origin	Age	Sex	HIV_status
2003	CABA	22	F	negative
2003	CABA	58	M	negative
2003	CABA	Not available	F	negative
2004	CABA	20	F	negative
2004	CABA	21	F	negative
2005	CABA	Not available	M	Not available
2005	CABA	Not available	M	positive
2005	CABA	Not available	M	positive
2005	SALTA	Not available	F	Not available
2005	SALTA	Not available	M	Not available
2006	CABA	Not available	M	Negative
2006	TUCUMÁN	Not available	F	Not available
2006	SALTA	28	M	Negative
2006	SALTA	24	M	Negativa
2007	CABA	Not available	F	Not available
2008	Córdoba	42	F	negativa
2009	Salta	40	M	positive
2009	Buenos Aires	28	F	negativa
2010	Salta	41	F	positive
2011	Buenos Aires	27	F	negativa
2011	CABA	Not available	M	Not available
2011	Buenos Aires	34	F	positive
2011	Buenos Aires	22	F	negativa
2012	Buenos Aires	22	M	Not available
2013	Buenos Aires	52	M	Not available
2015	Salta	29	M	Not available
2015	CABA	Not available	F	Not available
2015	Chaco	37	M	Not available
2015	Chaco	18	M	Not available

2015	Salta	51	M	Not available
2015	Santa Fe	68	M	Not available
2015	Buenos Aires	17	F	Not available
2016	CABA	47	M	Not available

Supplementary Figure 1. Complementary phylogram, including branch lengths for figures 2, 4 and 5.

5
6
8
7
3
2
4.3.2
11880
11401
5
25203
4.3.1
4.3.4
2
4.3.4.2.1
4.3.4.2
24821
2
2003
13431
18712
15059
17488
15058
13429
22372
20246
4.9
6
4.5
8
4.7
16561
22468
10010
4.8
17817
20483
14698
25024
14579
8
20394
10900
12715
12876
19623
9
161216138
11164
156324
12694
20753
24830
15213
3
6