

Supplementary Table S1 - Individual characterization of the clinical isolates included in the study: year of isolation, district, genotypic characterization and phenotypic drug susceptibility data.

Isolate ID	Year of Isolation	District	SIT	Spoligotyping Clade	Clade	Sub-lineage	Genomic Cluster	Resistance	Phenotypic Drug Susceptibility									Mapping Statistics ^a	
									INH	RIF	STR	EMB	PZA	KAN	AMK	CAP	OFX	ETH	Mean Read Depth
TB1_09	2009	Porto	92	X3	Other	4.1.1.3	NC	MDR	R	R	R	S	S	S	S	S	S	367.93	99.49
TB10_12	2012	Setubal	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	S	ND	ND	ND	ND	949.26	99.49
TB100_10	2010	Braga	20	LAM1	Libsoa3	4.3.4.2	NC	MDR	R	R	R	S	R	ND	S	S	S	362.53	98.78
TB101_08	2008	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	XDR	R	R	R	R	R	R	R	R	R	155.06	98.02
TB102_09	2009	Porto	20	LAM1	Libsoa3	4.3.4.2	CC8	MDR	R	R	R	S	S	S	S	S	R	443.40	98.83
TB103_09	2009	Libsoa	42	LAM9	Other	4.3.4.2	CC48	MDR	R	R	R	S	S	S	S	S	S	350.22	98.85
TB104_11	2011	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	ND	R	R	S	52.47	98.90
TB105_09	2009	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	XDR	R	R	R	R	R	ND	R	R	R	173.05	98.86
TB106_10	2010	Libsoa	1	BEIJING	Other	2.2.1	NC	MDR	R	R	R	R	R	R	S	S	R	313.99	99.67
TB108_08	2008	Viana do castelo	20	LAM1	Libsoa3	4.3.4.2	CC90	MDR	R	R	R	S	S	ND	ND	ND	ND	97.63	99.16
TB109_10	2010	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	S	R	314.72	98.87
TB11_09	2009	Setubal	20	LAM1	Libsoa3	4.3.4.2	CC3	MDR	R	R	R	S	R	ND	S	S	S	175.22	98.83
TB110_08	2008	Libsoa	20	LAM1	Libsoa3	4.3.4.2	CC82	XDR	R	R	R	S	R	S	S	R	R	159.99	98.32
TB111_08	2008	Porto	137	X2	Other	4.1.1.1	NC	Other	S	R	S	S	S	S	S	S	S	68.81	98.70
TB112_11	2011	Libsoa	20	LAM1	Libsoa3	4.3.4.2	CC8	XDR	R	R	R	R	R	ND	R	R	R	175.83	98.67
TB113_08	2008	Libsoa	1106	LAM4	Q1	4.3.4.2	CC31	MDR	R	R	S	S	R	ND	ND	ND	ND	78.33	98.83
TB114_10	2010	Libsoa	20	LAM1	Libsoa3	4.3.4.2	NC	MDR	R	R	R	S	R	R	R	S	R	400.21	98.79
TB115_08	2008	Porto	20	LAM1	Other	4.3.4.1	NC	MDR	R	R	R	R	R	R	R	S	S	159.68	98.83
TB116_11	2011	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	S	R	131.76	98.84
TB117_10	2010	Porto	179	LAM2	Other	4.3.4.1	NC	MDR	R	R	R	R	R	R	R	S	R	338.90	98.97
TB118_09	2009	Libsoa	42	LAM9	Other	4.3.4.2	CC48	Other	R	S	R	S	S	S	S	S	S	210.89	98.82
TB119_13	2013	Libsoa	262	H3	Other	4.2.1	NC	MDR	R	R	R	R	R	ND	S	S	R	133.09	99.48
TB12_08	2008	Libsoa	1106	LAM4	Q1	4.3.4.2	CC67	XDR	R	R	R	R	R	R	R	R	R	73.75	98.00
TB120_08	2008	Setubal	20	LAM1	Other	4.3.4.1	NC	Other	R	S	S	S	S	ND	ND	ND	ND	70.08	98.99
TB121_07	2007	Libsoa	20	LAM1	Libsoa3	4.3.4.2	CC7	MDR	R	R	R	S	S	ND	ND	ND	ND	293.91	99.12
TB122_08	2008	Setubal	20	LAM1	Libsoa3	4.3.4.2	NC	Other	R	S	R	S	S	ND	ND	ND	ND	75.69	98.92
TB123_11	2011	Braga	450	Other	Other	4.1													

T8208_15	2015	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	R	S	R	378.09	99.07
T8209_14	2014	Lisboa	1106	LAM4	Q1	4.3.4.2	CC160	MDR	R	R	S	S	R	S	S	S	S	R	554.92	99.47
T821_10	2010	Aveiro	92	X3	Other	4.1.1.3	NC	MDR	R	R	R	S	S	S	S	S	S	S	596.68	99.53
T8210_15	2015	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	R	R	S	S	S	S	R	889.48	99.39
T8211_15	2015	Lisboa	53	T1	Other	4.1	NC	MDR	R	R	R	S	S	S	S	S	S	R	581.96	99.79
T822_11	2011	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	Other	R	S	R	R	S	ND	S	S	S	R	153.92	98.81
T823_10	2010	Lisboa	1757	Other	Other	4.3.3	NC	MDR	R	R	R	R	R	R	R	R	S	R	365.64	99.49
T824_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	XDR	R	R	R	S	S	S	S	S	R	R	213.99	98.69
T825_09	2009	Lisboa	81	LAM9	Other	4.3.4.2	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	51.75	98.73
T826_10	2010	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	R	S	R	438.67	98.85
T827_04	2004	Lisboa	Orphan	Other	Other	4.8	NC	MDR	R	R	S	R	R	ND	ND	ND	ND	ND	488.27	99.83
T828_11	2011	Viseu	20	LAM1	Lisboa3	4.3.4.2	CC141	XDR	R	R	R	S	R	R	R	R	R	R	100.01	98.18
T829_11	2011	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	XDR	R	R	R	R	R	R	R	R	R	R	131.09	98.75
T83_09	2009	Porto	47	H1	Other	4.1.2.1	NC	MDR	R	R	S	S	S	S	S	S	S	S	474.65	99.66
T830_11	2011	Setubal	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	R	ND	R	R	R	R	126.72	98.77
T831_09	2009	Setubal	20	LAM1	Lisboa3	4.3.4.2	CC7	MDR	R	R	R	S	S	ND	S	S	S	R	123.73	98.81
T832_07	2007	Lisboa	137	X2	Other	4.1.1.1	NC	MDR	R	R	R	S	S	ND	S	S	S	R	120.78	99.15
T833_07	2007	Lisboa	119	X1	Other	4.1.1.3	NC	MDR	R	R	S	S	S	ND	ND	ND	ND	ND	677.07	99.76
T834_08	2008	Lisboa	1	BEUING	Other	2.2.1	NC	XDR	R	R	R	S	R	R	S	S	R	S	236.69	99.23
T835_08	2008	Porto	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	R	R	S	R	R	R	228.32	98.77
T836_09	2009	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	XDR	R	R	R	R	R	ND	S	R	R	R	59.12	98.66
T837_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	XDR	R	R	R	R	R	R	S	R	R	R	189.51	98.80
T838_10	2010	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC53	Other	R	S	R	R	S	S	S	S	S	R	405.69	98.84
T839_08	2008	Lisboa	105	Other	Other	4.3.2	NC	Susceptible	S	S	S	S	S	ND	ND	ND	ND	ND	300.55	99.71
T84_06	2006	Porto	47	H1	Other	4.1.2.1	NC	MDR	R	R	S	S	R	S	S	S	R	S	477.46	99.82
T840_11	2011	Porto	20	LAM1	Other	4.3.4.1	NC	MDR	R	R	S	S	R	S	S	S	S	S	126.94	98.47
T841_10	2010	Porto	1	BEUING	Other	2.2.1	NC	MDR	R	R	R	R	R	S	S	S	S	R	353.60	99.28
T842_11	2011	Lisboa	1	BEUING	Other	2.2.1	NC	MDR	R	R	R	R	R	ND	R	R	S	R	170.46	99.32
T843_08	2008	Lisboa	42	LAM9	Other	4.3.4.2	NC	MDR	R	R	R	R	R	S	S	S	R	R	133.37	98.83
T844_09	2009	Setubal	34	S	Other	4.4.1.1	NC	Susceptible	S	S	S	S	S	S	S	S	S	S	439.69	99.25
T845_10	2010	Coimbra	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	S	R	S	S	R	R	788.52	98.82
T846_09	2009	Lisboa	1	BEUING	Other	2.2.1	NC	Other	R	S	R	S	S	ND	ND	ND	ND	ND	91.92	99.25
T847_08	2008	Lisboa	211	LAM3	Other	4.3.2	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	41.48	98.71
T848_13	2013	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	ND	ND	ND	ND	ND	821.72	99.37
T849_09	2009	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	R	R	S	R	R	R	465.04	98.76
T85_10	2010	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	R	S	R	384.10	98.85
T850_09	2009	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	R	R	S	S	S	R	R	403.64	98.76
T851_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	R	ND	S	R	R	R	125.85	98.69
T852_11	2011	Setubal	42	LAM9	Other	4.3.4.2	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	94.15	98.61
T853_09	2009	Lisboa	1752	LAM1	Other	4.3.4.1	NC	Other	S	S	R	S	S	ND	ND	ND	ND	ND	520.06	98.84
T854_09	2009	Setubal	20	LAM1	Lisboa3	4.3.4.2	CC8	XDR	R	R	R	R	R	ND	R	R	R	R	61.50	98.72
T855_09	2009	Ponta Delgada	20	LAM1	Lisboa3	4.3.4.2	NC	XDR	R	R	R	R	R	R	S	S	R	R	404.10	98.85
T856_11	2011	Braga	47	H1	Other	4.1.2.1	NC	MDR	R	R	R	R	R	ND	S	S	S	S	83.47	99.58
T857_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC5	XDR	R	R	R	R	R	R	R	R	R	R	60.09	98.05
T858_09	2009	Lisboa	53	T1	Other	4.8	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	65.25	99.49
T859_11	2011	Lisboa	53	T1	Other	4.7	NC	MDR	R	S	S	S	S	ND	S	S	S	S	138.88	99.69
T86_09	2009	Lisboa	20	LAM1	Other	4.3.4.1	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	374.64	98.96
T860_09	2009	Lisboa	20	LAM1	Other	4.3.4.1	NC	Other	R	S	R	S	S	ND	ND	ND	ND	ND	122.30	98.76
T861_10	2010	Lisboa	53	T1	Other	4.1.2.1	NC	MDR	R	R	S	R	S	ND	ND	ND	ND	ND	175.21	99.55
T862_10	2010	Faro	1	BEUING	Other	2.2.1	NC	MDR	R	R	R	S	R	S	S	S	R	S	325.24	99.21
T863_08	2008	Lisboa	1	BEUING	Other	2.2.1	CC30	MDR	R	R	R	R	R	ND	ND	ND	ND	ND	91.29	99.22
T864_08	2008	Lisboa	64	LAM6	Other	4.3.3	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	54.50	99.34
T865_11	2011	Vila Real	53	T1	Other	4.8	NC	MDR	R	R	R	R	R	S	S	S	S	S	115.04	98.96
T866_15	2015	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	R	R	ND	ND	ND	ND	ND	1284.92	99.65
T867_08	2008	Lisboa	2535	Other	Other	4.3.4.2	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	152.71	98.81
T868_09	2009	Viseu	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	S	R	S	S	S	S	R	452.38	98.87
T869_09	2009	Viana do castelo	20	LAM1	Lisboa3	4.3.4.2	CC90	MDR	R	R	R	S	S	S	S	S	S	R	235.66	98.81
T87_08	2008	Lisboa	1106	LAM4	Q1	4.3.4.2	CC31	MDR	R	R	S	S	R	ND	ND	ND	ND	ND	212.71	98.83
T870_11	2011	Braganca	53	T1	Other	4.8	NC	MDR	R	R	R	R	R	ND	S	S	S	S	158.47	99.79
T871_11	2011	Lisboa	1106	LAM4	Q1	4.3.4.2	CC67	MDR	R	R	R	R	R	R	R	R	S	R	148.60	98.36
T872_08	2008	Funchal	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	S	S	S	S	S	R	R	186.32	97.87
T873_09	2009	Setubal	20	LAM1	Lisboa3	4.3.4.2	NC	Other	R	S	R	S	ND	S	S	S	S	R	494.75	99.84
T874_09	2009	Lisboa	211	LAM3	Other	4.3.2	NC	Other	R	S	S	S	S	ND	ND	ND	ND	ND	104.11	99.45
T875_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	MDR	R	R	R	R	S	S	S	S	R	R	92.31	98.58
T876_08	2008	Lisboa	317	T2	Other	4.6.1.2	NC	MDR	R	R	R	R	R	S	S	S	S	S	143.76	99.01
T877_09	2009	Setubal	20	LAM1	Lisboa3	4.3.4.2	NC	XDR	R	R	R	S	R	ND	R	R	R	R	202.85	98.64
T878_08	2008	Santarem	2258	Other	Other	4.8	NC	MDR	R	R	S	S	R	ND	S	S	R	R	54.05	99.72
T879_09	2009	Ponta Delgada	20	LAM1	Lisboa3	4.3.4.2	CC5	XDR	R	R	R	S	R	R	S	S	R	R	192.64	98.86
T88_11	2011	Ponta Delgada	20	LAM1	Other	4.3.4.1	NC	XDR	R	R	S	R	R	R	R	R	R	S	58.80	98.65
T880_08	2008	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC82	XDR	R	R	R	S	R	R	S	S	R	R	85.43	98.33
T881_09	2009	Porto	92	X3	Other	4.1.1.3	NC	MDR	R	R	R	S	S	S	S	S	S	S	360.01	99.49
T882_11	2011	Lisboa	59	LAM11-ZWE	Other	4.3.4.2.1	CC52	MDR	R	R	S	S	S	ND	S	S	S	S	135.33	98.07
T883_09	2009	Lisboa	20	LAM1	Other	4.3.4.1	NC	MDR	R	R	S	S	R	ND	S	S	S	R	117.51	98.88
T884_10	2010	Ponta Delgada	20	LAM1	Lisboa3	4.3.4.2	CC5	XDR	R	R	R	S	R	R	S	S	R	R	503.63	98.91
T885_09	2009	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC5	XDR	R	R	R	R	R	R	S	S	R	R	438.70	98.97
T886_11	2011	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC5	XDR	R	R	R	R	R	R	S	S	R	R	94.25	98.70
T887_08	2008	Setubal	20	LAM1	Lisboa3	4.3.4.2	CC8	MDR	R	R	R	R	R	ND	S	S	R	R	57.49	98.84
T888_09	2009	Lisboa	20	LAM1	Lisboa3	4.3.4.2	NC	Other	R	S	R	S	S	ND	ND	ND	ND	ND	220.20	98.83
T889_09	2009	Setubal	20	LAM1	Lisboa3	4.3.4.2	NC	Other	R	S	R	S	S	S	S	S	S	R	590.28	98.86
T89_08	2008	Lisboa	34	S	Other	4.4.1.1	CC119	Other	R	S	R	S	R	S	S	S	S	R	139.49	98.78
T890_10	2010	Lisboa	20	LAM1	Lisboa3	4.3.4.2	CC7	MDR	R	R	R	S	S	ND	S	S	S	R	115.51	98.82
T891_11	2011	Lisboa	20	LAM1	Other	4.3.4.1	NC	Other	R	S	S	S	S	S	S	S	S	S	185.31	99.56
T892_08	2008	Lisboa	42	LAM9	Other	4.3.4.2														