



Figure S1 Mean number of pulmonary nodular consolidation (PN) and pulmonary cavity (PC) per positive case for rifampicin-resistant (RR, n=19 cases) and multidrug-resistant (MDR, n=14 cases) tuberculosis patients with a history of <1 month, 1-6 months, and >6 months. No apparent pattern of difference is noted between RR cases and MDR cases.

Table S1 Tuberculosis disease history length and pulmonary nodule and cavity number of the 33 paired DS (drug-sensitive) and RR/MDR (rifampicin-resistant/ multidrug-resistant) patients

	DS					MDR					
	Sex	Age	History	PN	PC	Sex	Age	History	drugs	PN	PC
Pair 1	F	28	None	0	0	M	60	None	HR	1	0
Pair 2	M	60	2 days	1	3	M	66	1 day	R	3	6
Pair 3	M	69	3 days	1	1	M	29	1 day	R	2	1
Pair 4	M	37	4 days	0	1	F	36	3 days	R	0	0
Pair 5	F	37	4 days	1	10	M	55	3 days	H R S	15	15
Pair 6	M	67	5 days	0	0	M	74	3 days	H R S	3	2
Pair 7	M	84	1 week	2	1	M	28	4 days	R	0	1
Pair 8	M	45	1 week	0	3	M	68	5 days	R	3	0
Pair 9	F	66	1 week	0	0	M	40	5 days	R	2	0
Pair 10	F	61	10 days	0	3	M	43	10 days	H R S E	3	4
Pair 11	F	11	10 days	0	1	M	60	10 days	R	1	2
Pair 12	F	40	1 week	1	1	M	15	1 week	R	3	3
Pair 13	M	51	2 weeks	0	1	M	36	1 week	R	0	9
Pair 14	M	67	2 weeks	0	5	M	44	2 weeks	H R Lfx S	6	3
Pair 15	M	38	2 weeks	3	1	F	58	2 weeks	R	1	3
Pair 16	F	69	2 weeks	0	1	M	67	2 weeks	H R Lfx	0	1
Pair 17	M	54	20 days	0	1	F	67	2 weeks	H R S E	0	3
Pair 18	M	66	20 days	0	1	M	41	20 days	R	2	1
Pair 19	M	55	20 days	1	15	F	14	1 month	H R Lfx	5	10
Pair 20	M	79	1 month	1	1	M	72	1 month	R	5	9
Pair 21	M	53	1 month	0	1	M	55	40 days	R	1	3
Pair 22	M	61	1 month	0	1	M	40	1.5 months	H R S E	5	9
Pair 23	F	43	2 months	0	1	M	62	2 months	R	31	10
Pair 24	F	52	2 months	1	0	M	60	2 months	H R S	15	6
Pair 25	M	65	2 months	0	1	F	29	2 months	R	3	0
Pair 26	M	73	2 months	0	1	F	38	4 months	H R	1	11
Pair 27	M	77	4 months	2	0	M	51	6 months	R	0	10
Pair 28	M	57	6 months	0	5	M	79	6 months	R	2	0
Pair 29	F	69	8 months	1	0	M	63	1 year	#	5	2
Pair 30	M	64	1 year	4	3	M	21	1 year	H R S	0	0
Pair 31	F	52	1 year	2	9	M	30	1 year	R	0	1
Pair 32	F	46	6 years^	1	1	M	64	1 year	R	22	14
Pair 33	M	68	10 years^	1	2	M	58	1 year	¶	15	4

#, H, R, S, E, and Pto; ¶, H, R, S, E, Am, Km, Cm and Pto; ^, history length matching was not possible for two MDR case with 1 year history, and two cases with long history were randomly selected. History none, detected during routine health check. H, Isoniazid; R, Rifampicin; S, Streptomycin; E, Ethambutol; Pto, Prothionamide; Am, Amikacin; Km, Kanamycin; Cm, Capreomycin; PN, pulmonary nodular consolidation; PC, pulmonary cavity.

Table S2 Diabetes mellitus history of the of the 33 paired DS (drug-sensitive) and RR/MDR (rifampicin-resistant/multidrug-resistant) patients

	DS	RR and MDR
None	19 cases	17 cases
History <6 months	3 cases	3 cases
6 month-2 years	2 cases	6 cases
2-10 years	7 cases	4 cases
> 10 years	2 cases	3 cases