

1 **Supplementary Table 1.** Chest computed tomography (CT) scan characteristics of the resected lesion

2 (n=7)*

ID	Dominant Lesion	Maximum Wall Thickness (mm)	Maximum Transverse Diameter (mm)	Maximum Sagittal Diameter (mm)	Connection to Bronchus	Calcification
1	NA	-	-	-	-	-
2	Cavity	8	14	36	Yes	No
3	Mass	-	34	37	Yes	Yes
4	NA	-	-	-	-	-
5	Mass	-	58	54	No	Yes
6	Mass	-	77	60	No	Yes
7	NA	-	-	-	-	-
8	Cavity	-	54	70	Yes	No
9	Consolidation	-	62	31	Yes	No
10	Cavity	8	49	34	Yes	No

3 * 7 patients had chest CT scans available for review by study radiologists

4 NA, not available; For the three patients without a preoperative CT scan for review, obtained radiological

5 reports indicated all patients had cavitory lesions with a maximum diameter between 2.1 and 3.5

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19 **Supplementary Table 2.** Pathology Characteristics of Resected Pulmonary Tissue[^]

ID	Necrosis	PMNs	Mononuclear Cells	Fibrosis	Vascularization	AFB Staining	Tissue pH
1	3	1*	2	2	0	3	7.2
2	2	2*	3	1&2	1	2	5.5
3	3	0	3	1&2	1	3	7.2
4	2	2	3	2	1	1	5.5
5	3	0	3	2	1	2	5.5
6	1	1	3	2	1	0	5.5
7	3	1*	3	2	1	1	5.5
8	1	1	3	2	1	1	5.5
9	1	0	3	1	1	0	5.5
10	3	1	3	2	1	2	5.5

20 PMNs, polymorphonuclear cells; AFB, acid fast bacillus

21 *Eosinophils present

22 [^]Grading system using 4x magnification is as follows for each variable:

23 Necrosis: 0, not present; 1 (rare), scattered within a field; 2 (moderate), confluent within a field; 3
 24 (severe), present in multiple confluent fields.

25 PMNs: 0, not present; 1, scattered within a field; 2, present within fields

26 Mononuclear: 1, small granuloma that fits in a field; 2, separate fields with granulomas; 3, mostly
 27 granulomatous inflammation

28 Fibrosis: 1, interspersed with granuloma; 2, surrounding granuloma

29 Vascularization: 0, not present; 1, present

30 AFB staining: 0, not present; 1, rare; 2, scattered in a field; 3, many in a field

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Supplementary Table 3. Genetic mutations associated with resistance among two patients with tissue cultures positive for *M. tuberculosis*

Subject	1*	2*
Number of <i>M. tb</i> isolates	7	4
Sputum	2	1
Tissue	5	3
<i>M. tb</i> strain phylotype	Beijing	Beijing
Gene Regions		
<i>katG</i>	S315T	S315T
<i>rpoB</i>	S450L	S450L
<i>pncA</i>	-	-
<i>rpsA</i>	-	-
<i>embA,B,C</i>	M306V	M306V
<i>rpsL</i>	-	L88A
<i>eis</i>	-	-
<i>gyrA</i>	A94T	A94T
<i>gyrB</i>	A504B	-

Sequence data for all *M. tuberculosis* isolates has been deposited in the NCBI Sequence Read Archive (SRA) and is available using the accession number SRP102071.

* All *M. tuberculosis* isolates for each patient were of the same strain and all had the same genetic mutations associated with resistance identified