Fig. S1 Flow chart showing the previous exposure and/or tuberculosis history and treatment outcome of 544 MDR tuberculosis patients included in the study.
Table S1 Details of *M. tuberculosis* lineages and sub-lineages with their corresponding SIT numbers, octal codes, and spoligotype pattern found among 544 MDR-TB patients in Bangladesh

| Lineage (n) | SIT | Sub-lineage      | Octal code          | Spoligotype pattern | No. of isolates, n (%) |
|------------|-----|------------------|---------------------|---------------------|------------------------|
| Beijing (208) |     |                  |                     |                     |                        |
| 1          | 1   | Classical Beijing | 000000000003771     |                     | 203 (37.3)             |
|            | 265 | Non-classical    | 000000000003371     |                     | 1 (0.2)                |
|            | 269 | Non-classical    | 000000000000771     |                     | 1 (0.2)                |
|            | 796 | Non-classical    | 000000000001771     |                     | 2 (0.4)                |
|            | 2610| Non-classical    | 000000000003770     |                     | 1 (0.2)                |
| CAS (49)   |     |                  |                     |                     |                        |
| 26         | 26  | CAS1-Delhi       | 7037777400003771    |                     | 36 (6.6)               |
|            | 142 | CAS1-Delhi       | 703777700003771     |                     | 1 (0.2)                |
|            | 357 | CAS1-Delhi       | 703777740000771     |                     | 4 (0.7)                |
|            | 426 | CAS              | 700377600003771     |                     | 1 (0.2)                |
|            | 428 | CAS1-Delhi       | 7037777400003371    |                     | 2 (0.4)                |
|            | 1343| CAS1-Delhi       | 7037377400003771    |                     | 2 (0.4)                |
|            | 2145| CAS1-Delhi       | 7037776400003771    |                     | 1 (0.2)                |
|            | 3391| CAS1-Delhi       | 703741000003771     |                     | 1 (0.2)                |
| ID   | EAI       | Strain   | Pseudocap             | Score |
|------|-----------|----------|-----------------------|-------|
| 2373 | CAS2      | 700337740003771 | .................................................. | 1 (0.2) |
| 11   | EAI3-IND  | 477777777413071 | .................................................. | 5 (0.9) |
| 126  | EAI5      | 477777777413771 | .................................................. | 1 (0.2) |
| 138  | EAI5      | 77777777413700  | .................................................. | 4 (0.7) |
| 19   | EAI2-Man  | 677777477413771 | .................................................. | 1 (0.2) |
| 27   | EAI       | 70377747770371  | .................................................. | 2 (0.4) |
| 236  | EAI5      | 777777777413771 | .................................................. | 3 (0.6) |
| 292  | EAI6-BGD1 | 7777775741371  | .................................................. | 8 (1.5) |
| 337  | EAI1- SOM | 777777777013731 | .................................................. | 1 (0.2) |
| 470  | EAI5      | 17777777413771  | .................................................. | 1 (0.2) |
| 48   | EAI1- SOM | 777777777413731 | .................................................. | 14 (2.6) |
| 591  | EAI6-BGD1 | 77777757413771  | .................................................. | 1 (0.2) |
| 882  | EAI6-BGD  | 57777757413771  | .................................................. | 1 (0.2) |
| 1875 | EAI5      | 477001777413771 | .................................................. | 3 (0.6) |
| 234  | EAI5      | 777777777413371 | .................................................. | 1 (0.2) |
| 1427 | EAI5      | 457001777413771 | .................................................. | 1 (0.2) |
|   |   |   |   |
|---|---|---|---|
| 1425 | EAI6-BGD1 | 777777757413331 | 1 (0.2) |
| 1420 | EAI6-BGD1 | 777777757410071 | 1 (0.2) |
| 1408 | EAI5 | 00000007413371 | 1 (0.2) |
| 1391 | EAI7-BGD2 | 77777770003371 | 1 (0.2) |
| 1389 | EAI1-SOM | 17777777413731 | 2 (0.4) |
| 2773 | EAI6-BGD1 | 57775757413771 | 1 (0.2) |
| 3355 | EAI1-SOM | 77771777413731 | 2 (0.4) |
| 3274 | EAI5 | 77777777413701 | 1 (0.2) |
| 1369 | EAI5 | 47777777413671 | 1 (0.2) |
| 50 | H3 | 77777777720771 | 2 (0.4) |
| 655 | H3 | 47777777720771 | 2 (0.4) |
| 1159 | H3 | 43777777720771 | 1 (0.2) |
| 42 | LAM9 | 77777607760771 | 43 (7.9) |
| 61 | LAM10-CAM | 77777743760771 | 1 (0.2) |
| 64 | LAM6 | 77777607560771 | 5 (0.9) |
| 150 | LAM9 | 77767607760771 | 1 (0.2) |
|   |   |   |   |   |
|---|---|---|---|---|
| 1070 | LAM9 | 77777607760371 | 1 (0.2) |
| 1933 | LAM9 | 77777607760770 | 1 (0.2) |
| Manu (1) | 54 | Manu2 | 777777777763771 | 1 (0.2) |
| S (2) | 34 | S | 77637777760771 | 2 (0.4) |
| 52 | T2 | 777777777760731 | 1 (0.2) |
| 53 | T1 | 77777777760771 | 38 (7.0) |
| 86 | T1 | 777777737760771 | 1 (0.2) |
| 102 | T | 77770377760771 | 3 (0.6) |
| 123 | T1 | 77777776360771 | 10 (1.8) |
| 240 | T | 77777777760371 | 3 (0.6) |
| 244 | T1 | 77777777760601 | 19 (3.5) |
| 358 | T1 | 71777777760771 | 17 (3.1) |
| 1105 | T1 | 77777377760771 | 1 (0.2) |
| AFRI (1) | 2819 | AFRI_1 | 770777703017671 | 1 (0.2) |
| New (9) | 2152 | Undefined/New | 777777702003371 | 8 (1.5) |
| 1089 | Undefined/New | 403777740003771 | 1 (0.2) |
| NA | NA | 477777777605471 | 2 (0.4) |
| NA | NA | 747777777400000 | 4 (0.7) |
| NA | NA | 476000017413071 | 2 (0.4) |
| NA | NA | 777777607620771 | 4 (0.7) |
| NA | NA | 747777777740001 | 2 (0.4) |
| NA | NA | 777777777412731 | 2 (0.4) |
| NA | NA | 40077774020771 | 1 (0.2) |
| NA | NA | 002002000001771 | 1 (0.2) |
| NA | NA | 777777742413371 | 1 (0.2) |
| NA | NA | 743777740000771 | 1 (0.2) |
| NA | NA | 717767434000771 | 1 (0.2) |
| NA | NA | 577747607760771 | 1 (0.2) |
| NA | NA | 777777743013771 | 1 (0.2) |
| NA | NA | 000017607760771 | 1 (0.2) |
| NA | NA | 477777757413371 | 1 (0.2) |
| NA | NA | 777677757413771 | 1 (0.2) |
| Orphan (66) |   |   |   |   |   |
|-------------|---|---|---|---|---|
| NA          | NA| 70777757013771 |   |   | 1 (0.2) |
| NA          | NA| 70377774003371 |   |   | 1 (0.2) |
| NA          | NA| 47777777013071 |   |   | 1 (0.2) |
| NA          | NA| 457003777413771|   |   | 1 (0.2) |
| NA          | NA| 500003700003771|   |   | 1 (0.2) |
| NA          | NA| 740377740003771|   |   | 1 (0.2) |
| NA          | NA| 77777753003771 |   |   | 1 (0.2) |
| NA          | NA| 77777702002771 |   |   | 1 (0.2) |
| NA          | NA| 77777702003771 |   |   | 1 (0.2) |
| NA          | NA| 777777777760401|   |   | 1 (0.2) |
| NA          | NA| 77477775413771 |   |   | 1 (0.2) |
| NA          | NA| 7777775413770 |   |   | 1 (0.2) |
| NA          | NA| 77777702000371 |   |   | 1 (0.2) |
| NA          | NA| 71777777763771 |   |   | 1 (0.2) |
| NA          | NA| 77777742000071 |   |   | 1 (0.2) |
| NA          | NA| 7777775413231  |   |   | 1 (0.2) |
|   |   | 763777400001771 |                                                                                           | 1 (0.2) |
|---|---|----------------|-------------------------------------------------------------------------------------------|---------|
| NA| NA| 74777777760000 |                                                                                           | 1 (0.2) |
| NA| NA| 7777777412771  |                                                                                           | 1 (0.2) |
| NA| NA| 67777752402771  |                                                                                           | 1 (0.2) |
| NA| NA| 74360740000771  |                                                                                           | 1 (0.2) |
| NA| NA| 71000001013731   |                                                                                           | 1 (0.2) |
| NA| NA| 74037600003771   |                                                                                           | 1 (0.2) |
| NA| NA| 4777777413700    |                                                                                           | 1 (0.2) |
| NA| NA| 7775775413371    |                                                                                           | 1 (0.2) |
| NA| NA| 7777757413351    |                                                                                           | 1 (0.2) |
| NA| NA| 77777570200371    |                                                                                           | 1 (0.2) |
| NA| NA| 77617740000371    |                                                                                           | 1 (0.2) |
| NA| NA| 77777607760730    |                                                                                           | 1 (0.2) |
| NA| NA| 77770702013700    |                                                                                           | 1 (0.2) |
| NA| NA| 7177777761771    |                                                                                           | 1 (0.2) |
| NA| NA| 7777777413500    |                                                                                           | 1 (0.2) |
| SIT | Spoligotype International Types assigned by SITVIT2WEB database; MDR-TB, multidrug resistant-tuberculosis; NA, not applicable (the SIT and lineages have not been assigned for Orphan isolates) |