**Supplementary Figure 1.** UPGMA tree dendrogram showing spoligotyping patterns and clustering analysis of the 230 *Mycobacterium tuberculosis* isolates from Egypt. The categorical-based UPGMA tree was generated by an MIRU-VNTR*plus* database application available online at (<http://www.miru-vntrplus.org/>).

**Supplementary Table 1** Frequency distribution of MTB isolates [SIT53T1 + SIT34/S + SIT4/Unknown] versus independent SIT53/T1 in the selected 12 MIRU-VNTR loci.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  | SIT53/T1 + SIT34/S + SIT4/unknown clade \* | | | | | |  |  |  |
| MIRU -VNTR † | | No of isolates |  |  |  | Number of repeats | | |  |  |  |  |
| locus | Alias | ( N=77) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 960 | MIRU10 | 77 |  |  | 14 | 50 | 11 | 2 |  |  |  |  |
| 1644 | MIRU16 | 77 |  | 46 | 6 | 25 |  |  |  |  |  |  |
| 2996 | MIRU26 | 77 |  | 2 |  | 4 | 7 | 64 |  |  |  |  |
| 802 | MIRU40 | 77 |  | 1 | 7 | 7 | 57 | 3 | 1 | 1 |  |  |
| 424 | Mtub04 | 77 |  | 5 | 53 | 17 | 2 |  |  |  |  |  |
| 1955 | Mtub21 | 77 |  | 25 | 51 | 1 |  |  |  |  |  |  |
| 2401 | Mtub30 | 77 |  |  | 75 |  | 2 |  |  |  |  |  |
| 3690 | Mtub39 | 77 |  | 6 | 2 | 39 | 21 | 5 | 3 | 1 |  |  |
| 2165 | ETR-A | 77 |  | 3 | 26 | 24 | 24 |  |  |  |  |  |
| 2163b | QUB-11b | 77 |  | 1 | 5 | 31 | 38 | 2 |  |  |  |  |
| 4052 | QUB-26 | 77 |  |  | 3 | 9 | 16 | 31 | 3 | 11 | 2 | 2 |
| 4156 | QUB-4156 | 77 | 2 | 3 | 70 | 2 |  |  |  |  |  |  |
|  |  |  |  | SIT53/T1 | | | |  |  |  |  |  |
| MIRU -VNTR † | | No of isolates |  |  |  | Number of repeats | | |  |  |  |  |
| locus | Alias | ( N=77) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 960 | MIRU10 | 52 |  |  | 6 | 44 |  | 2 |  |  |  |  |
| 1644 | MIRU16 | 52 |  | 46 | 3 | 3 |  |  |  |  |  |  |
| 2996 | MIRU26 | 52 |  | 2 |  | 2 | 4 | 44 |  |  |  |  |
| 802 | MIRU40 | 52 |  | 1 | 5 | 1 | 43 | 1 |  | 1 |  |  |
| 424 | Mtub04 | 52 |  | 3 | 46 | 3 |  |  |  |  |  |  |
| 1955 | Mtub21 | 52 |  |  | 51 | 1 |  |  |  |  |  |  |
| 2401 | Mtub30 | 52 |  |  | 50 |  | 2 |  |  |  |  |  |
| 3690 | Mtub39 | 52 |  | 6 | 2 | 23 | 12 | 5 | 3 | 1 |  |  |
| 2165 | ETR-A | 52 |  | 3 | 26 | 23 |  |  |  |  |  |  |
| 2163b | QUB-11b | 52 |  | 1 | 5 | 20 | 26 |  |  |  |  |  |
| 4052 | QUB-26 | 52 |  |  | 3 | 9 | 10 | 29 |  |  | 1 |  |
| 4156 | QUB-4156 | 52 |  | 2 | 48 | 2 |  |  |  |  |  |  |

a SIT: Spoligotyping International Type number.

b : MIRU-VNTR: Mycobacterial Interspersed Repetitive Unit–Variable Number Tandem Repeat.

c : HGDI: Hunter–Gaston Diversity Index.