**Supplemental table 3**. ﻿Associations between *Mycobacterium tuberculosis* lineage, sublineage and genotypic resistance with anatomic region of isolation.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | No. Strains for: (P value; OR) | Lymph | Genitourinarysystem | EPTB | PTB |
| CNS | Bone and joints |  |  |
| Lineage | Lineage 1 | **31(0.000;3.9)** | 1 (NA) | 3 (NA) | 3 (NA) | 0 | 9 |
| Lineage 2 | 73 | **32 (0.001;1.5)** | 0 (NA) | 1 (NA) | 6(NA) | **154(0.002;1.5)**  |
| Lineage 3 | 1(NA) | 0 (NA) | 5 (NA) | 0 (NA) | 0 | 1  |
| Lineage 4 | 72(.428;0.5) | 9 (NA) | 3 (NA) | 3 (NA) | 2 | 81 |
| Sublineage | 1.1 | 1 (NA) | 0 | 0 | 0 | 0 | 0 |
| 1.1.1 | **14 (0.045;2.8)** | 0 | 0 | 0 | 0 | 5 |
| 1.1.1.1 | 1 (NA) | 0 | 0 | 0 | 0 | 0 |
| 1.1.2 | 0 | 0 | 0 | 1 (NA) | 0 | 0 |
| 1.2.1 | **14 (0.009:6.7)** | 1 (NA) | 3 (NA) | 2 (NA) |  0 | 2 |
| 1.2.2 | 1 (NA) | 0 | 0 | 0 | 0 | 2 |
| Asia Ancestral | **20(0.043;2.4)** | 0 | 0 | 0 | 0 | 9 |
| Asian African 2 | 0 | 5 | 0 | 0 | 0 | **27(0.000;2.3)** |
| Asian African 2 RD142 | 2 (NA) | 0 | 0 | 0 | 0 | 4 |
| Asian African 3 | 15 (NA) | 6 (NA) | 0 | 0 | 0 | 15 |
| Pacific RD150 | 11 (NA) | 0 | 0 | 0 | 0 | 14 |
| Central Asia | **25(0.000;8.2)**  | 0 | 0 | 0 | 0 | 4 |
| Europe/Russia B0/W148 | 0 | 13 | 0 | 0 | 0 | **39(0.000;2.7)** |
| Unclassified modern | 2 | 6 | 0 | 1 | 6 | **42(0.000)** |
| 3 | 1 (NA) | 0 | 5 (NA) | 0 | 0 | 1 (NA) |
| 4.1.1.3 | 1 (NA) | 0 | 0 | 0 | 0 | 0 |
| 4.1.2 | 2 (NA) | 0 | 0 | 0 | 0 | 1 (NA) |
| 4.1.2.1 | **15 (0.010;6.3)** | 4 | 0 | 0 | 0 | 3 |
| 4.2.1 | 0 | 2 (NA) | 0 | 0 | 2 (NA) | 0 |
| 4.2.2 | 0 | 1 (NA) | 1 (NA) | 0 | 0 | 0 |
| 4.3.1 | 7 | 0 | 0 | 0 | 0 | **18(0.031;2.9)** |
| 4.3.2 | 3 (NA) | 0 | 0 | 0 | 0 | 0 |
| 4.3.3 | 2 | 0 | 0 | 0 | 0 | **14(0.009;1.8)** |
| 4.3.4.2 | 1 (NA) | 0 | 0 | 0 | 0 | 2 |
| 4.4.1.1 | 4 (NA) | 0 | 0 | 0 | 0 | 0 |
| 4.4.1.2 | 6 (NA) | 0 | 0 | 0 | 0 | 4 |
| 4.4.2 | 6 (NA) | 0 | 0 | 0 | 0 | 4 |
| 4.5 | 3 | 0 | 0 | 0 | 0 | **11(0.014;3.8)** |
| 4.7 | 2 (NA) | 0 | 0 | 0 | 0 | 0 |
| 4.8 | 18 (NA) | 4 (NA) | 2 (NA) | 3 (NA) | 0 | 24 |
| Genotypic resistance | Sensitive | **144(0.024;1.4)** | 10 | 5 | 6 | 3 | 113 |
| Drug resistant | 26(0.660) | 4 | 0 | 0 | 0 | 23 |
| MDR | 7 | 23 | 6 | 1 | 4 | **75(0.000;1.9)** |
| XDR | 0 | 5 | 0 | 0 | 1 | **34(0.000;6.0)** |

Abbreviations: CNS, central nervous system; EPTB, extrapulmonary tuberculosis without classification; PTB, pulmonary tuberculosis; MDR, multidrug-resistant tuberculosis; XDR, extensively drug-resistant tuberculosis; NA, not applicable.

**\*** ﻿P value was calculated comparing against pulmonary proportions for each variable with Fisher’s exact test. In PTB associations this was compared against CNS proportions.

Bold value indicates a variable statistically significant where p<0.05.