**Supplementary Table 1**

|  | **No TB recurrence** | **TB recurrence** |  |  |
| --- | --- | --- | --- | --- |
| **Cytokine** | **N** | **Median (IQR)** | **N** | **Median (IQR)** | **Unadjusted** **Odds Ratio (95%CI)** | **p-value** |
| **mDCs (CD11c)** |
| **Antigen: BCG** |
| IL-1β | 41 | 0.33 (0.00 - 1.06) | 14 | 0.50 (0.00 - 1.02) | 1.42 (1.04 - 1.95) | **0.0287** |
| IL-12 | 40 | 0.02 (0.00 - 0.07) | 14 | 0.07 (0.00 - 0.41) | 0.96 (0.68 - 1.36) | 0.8249 |
| IP10 | 40 | 0.12 (0.00 - 0.49) | 14 | 0.34 (0.08 - 0.92) | 0.98 (0.74 - 1.30) | 0.8919 |
| TNF-α | 40 | 0.23 (0.00 - 0.98) | 14 | 0.97 (0.00 - 1.42) | 1.04 (0.87 - 1.25) | 0.6575 |
| **Antigen: LPS** |
| IL-1β | 42 | 12.66 (4.86 - 18.80) | 14 | 6.59 (0.14 - 11.63) | 0.94 (0.85 - 1.03) | 0.1562 |
| IL-12 | 41 | 0.20 (0.00 - 1.16) | 14 | 0.69 (0.41 - 1.14) | 1.36 (0.61 - 3.04) | 0.4583 |
| IP10 | 41 | 0.63 (0.05 - 1.79) | 14 | 0.61 (0.09 - 1.75) | 0.93 (0.81 - 1.05) | 0.2387 |
| TNF-α | 41 | 17.56 (6.75 - 25.01) | 14 | 14.49 (1.91 - 21.23) | 0.98 (0.92 - 1.05) | 0.6561 |
| **Antigen: HKLM** |  |  |  |  |  |  |
| IL-1β | 42 | 14.28 (6.96 - 18.61) | 14 | 5.54 (2.15 - 17.91) | 0.95 (0.89 - 1.02) | 0.1805 |
| IL-12 | 42 | 0.54 (0.00 - 1.38) | 14 | 0.62 (0.35 - 2.10) | 1.54 (1.06 - 2.26) | **0.0249** |
| IP10 | 42 | 0.88 (0.00 - 1.72) | 14 | 0.50 (0.00 - 1.69) | 0.95 (0.64 - 1.43) | 0.8191 |
| TNF-α | 42 | 13.16 (3.78 - 22.01) | 14 | 12.88 (1.45 - 22.21) | 1.00 (0.92 - 1.08) | 0.9344 |
| **Antigen: CL075** |  |  |  |  |  |  |
| IL-1β | 42 | 15.26 (7.32 - 23.77) | 14 | 6.43 (1.14 - 18.51) | 0.96 (0.90 - 1.02) | 0.1808 |
| IL-12 | 41 | 1.40 (0.35 - 5.43) | 14 | 2.65 (0.47 - 6.51) | 1.09 (0.86 - 1.39) | 0.4812 |
| IP10 | 41 | 0.80 (0.05 - 2.92) | 14 | 0.54 (0.10 - 2.07) | 0.99 (0.70 - 1.40) | 0.9572 |
| TNF-α | 41 | 16.22 (8.98 - 26.13) | 14 | 11.09 (1.90 - 24.61) | 0.97 (0.91 - 1.04) | 0.4334 |
| **Antigen: LAMMS** |  |  |  |  |  |  |
| IL-1β | 20 | 11.45 (8.03 - 17.11) | 6 | 0.73 (0.00 - 9.96) | 0.38 (0.08 - 1.82) | 0.2275 |
| IL-12 | 19 | 0.18 (0.04 - 0.40) | 6 | 0.15 (0.00 - 0.22) | 0.42 (0.06 - 3.08) | 0.3915 |
| IP10 | 19 | 0.37 (0.00 - 1.44) | 6 | 0.35 (0.06 - 0.53) | 0.54 (0.19 - 1.53) | 0.2445 |
| TNF-α | 19 | 12.45 (8.22 - 15.80) | 6 | 2.92 (0.02 - 18.64) | 0.95 (0.83 - 1.08) | 0.4258 |
| **Antigen: TDB** |  |  |  |  |  |  |
| IL-1β | 17 | 8.59 (5.28 - 13.11) | 6 | 0.46 (0.00 - 12.05) | 0.51 (0.29 - 0.90) | **0.0213** |
| IL-12 | 16 | 0.59 (0.09 - 1.57) | 6 | 0.57 (0.00 - 3.72) |  N/A |  |
| IP10 | 16 | 0.18 (0.02 - 0.34) | 6 | 0.56 (0.13 - 1.15) | 2.03 (0.49 - 8.35) | 0.3260 |
| TNF-α | 16 | 13.89 (7.69 - 24.14) | 6 | 6.54 (0.01 - 36.84) | 1.11 (0.94 - 1.31) | 0.2002 |