## Supplementary Table S2
Potential homologs for twelve highly expressed *M. leprae* hypothetical proteins.

| *M. leprae* gene No. | Mycobacterial Species | Potential Homolog | % Amino Acid Identity |
|----------------------|-----------------------|-------------------|-----------------------|
| ML0659               | *M. lepromatosis*     | Hypothetical protein MLPM_0659 | 50 |
| ML0947               | *M. lepromatosis*     | Hypothetical protein MLPM_0947 | 81 |
| ML0959               | *M. lepromatosis*     | Hypothetical protein MLPM_0959 | 69 |
| ML1275               | *M. lepromatosis*     | Hypothetical protein MLPM_1275 | 75 |
| ML1018               | *M. lepromatosis*     | Hypothetical protein MLMP_1018 | 52 |
| ML1989               | *M. haemophilum*      | Hypothetical protein | 71 |
| ML0473               | *M. haemophilum*      | NIFU family protein | 77 |
| ML1763               | *M. haemophilum*      | Potassium transporter TrkA | 69 |
| ML1796               | *M. intracellulare*   | transcription anti-termination regulator | 60 |
| ML2252               | Multiple species      | DivIVA, cell division protein | 53 |
| ML0678               | Multiple species      | IS110 transposase | 63 |
| ML0023               | Multiple species      | IS481 family mycobacterial transposases | 67 |