

**S3 Table: List of 20 *M. leprae* genomes used to infer unique SNPs in recurrent cases**

| <b>Name</b>                       | <b>Genotype</b> | <b>Described in</b> |
|-----------------------------------|-----------------|---------------------|
| TN                                | 1A              | 1                   |
| Thai53                            | 1A              | 2                   |
| S2                                | 1B              | 3                   |
| S11                               | 1D              | 3                   |
| 3077                              | 2F              | 3                   |
| Refshale_16                       | 2F              | 3                   |
| SK8                               | 2F              | 3                   |
| Jorgen_625                        | 3I              | 3                   |
| SK2                               | 3I              | 3                   |
| NHDP98                            | 3I              | 4                   |
| NHDP55                            | 3I              | 4                   |
| I30                               | 3I              | 4                   |
| NHDP63                            | 3I              | 2                   |
| S9                                | 3K              | 3                   |
| Kyoto-2                           | 3K              | 5                   |
| S10                               | 3K              | 3                   |
| S15                               | 3L              | 3                   |
| S13                               | 4N              | 3                   |
| S14                               | 4O              | 3                   |
| Br4923                            | 4P              | 2                   |
| Mx1-22 ( <i>M. lepromatosis</i> ) | Outgroup        | 6                   |

SNP: single nucleotide polymorphism.