Table S1: Phylogenetic affiliation and distribution of bacterial clones analyzed from leprous skin lesion.

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| **Phylum** | **OTU** | **Number of clones** | **Closest sequence/microorganism** | **Number of access** | **Identity** | **Source of closest relative**  |
| **Actinobateria** | 1 | 2 | *Nocardioides sp* | AB167236.1 | 96% | Chemostat (ethanol) |
| 2 | 1 |  *Propionibacterium acnes* | NR\_074675.1 | 99% | Human skin (strain KPA171202) |
| **Bacteriodetes** | 3 | 4 | *Dyadobacter fermentans* |  CP001619.1 | 97% | Maize (rod) |
| **Firmicutes** | 4 | 1 | *Staphylococcus epidermidis* | KC213963.1 | 99% | Intestine of fish (Rutilus rutilus) |
| 5 | 1 | *Bacillus siralis* | HM439461.1 | 99% | Fermented onion |
| 6 | 1 | *Planococcaceae bacterium TPD42* | HM224490.1 | 98% | Frozen river water |
| 7 | 1 | *Bacillus sp. CNJ905 PL04* | DQ448753.1 | 99% | Marine sediment |
| 8 | 12 | *Lysinibacillus sp* | JX217747.1 | 99% | Fermented soybeans |
| 9 | 1 | *Geobacillus thermantarcticus* | FN428692.1 | 99% | Not described |
| 10 | 2 | *Bacillus sp. M71\_N104b* |  FM992794.1 | 97% | Aquamarine |
| 11 | 1 | *Bacillus circulans* | FJ581445.1 | 91% | Sludge (polluted station) |
| 12 | 1 | *Geobacillus sp. BGSC 20A1*  | AY608980.1 | 92% | Not described |
| 13 | 1 | *Bacillus longiquaesitum* | AM747042.1 | 93% | Soil |
| 14 | 4 | *Bacillus sp.* | DQ249996.1 | 96% | Rock Cave |
| **Proteobacteria** | 15 | 1 | *Pleomorphomonas oryzae* |  AB681744.1 | 93% | Rice |
| 16 | 2 | *Klebsiella pneumoniae* | JN897382.1 | 99% | Water treatment plant (waste) |
| 17 | 2 | *Pseudoxanthomonas yeongjuensis* | NBRC 106397 | 92% | Soil of a field of Korean ginseng |
| 18 | 1 | *Burkholderia cenocepacia* | HQ284839.1 | 99% | Plant leaves |
| 19 | 1 | *Hydrogenophilus hirschii* | FR749905.1 | 96% | Volcano (Solfatara) |
| 20 | 1 | *Stenotrophomonas sp. 2R13*  | EF178465.1 | 84% | Rice |
| 21 | 2 |  *Burkholderia pyrrocinia* | JQ283970.1 | 99% | Soil (rhizosphere) planting ginger |
| 22 | 1 | *Pseudomonas stutzeri* | KC244183.1 | 99% | Copper Mine Tailings |
| 23 | 2 |  *Burkholderia cepacia* | AB695353.1 | 97% | Not described |
| 24 | 1 | *Achromobacter sp* |  JN836430.1 | 99% | Soybean Field |
| 25 | 9 | *Sphingomonas parapaucimobilis* | AB680768.1 | 99% | Vaginal swab |
| 26 | 1 | *Uncultured gamma proteobacterium*  | EU640742.1 | 97% | Lake Michigan |
| 27 | 2 | *Uncultured Rhodoplanes sp.* |  AM935538.1 | 98% | contaminated soil |