

**Figure S8. Phylogenetic occurrence of the major V6 hypervariable motif.** The phylogenetic tree was built from 1803 full-length 16S rRNA sequences of *Pseudomonas* available in the databases, after excluding the V1 region (see Fig. S7). The sequences noted by a red circle have the only V6 motif found in at least two r-clusters (see Table 4).

