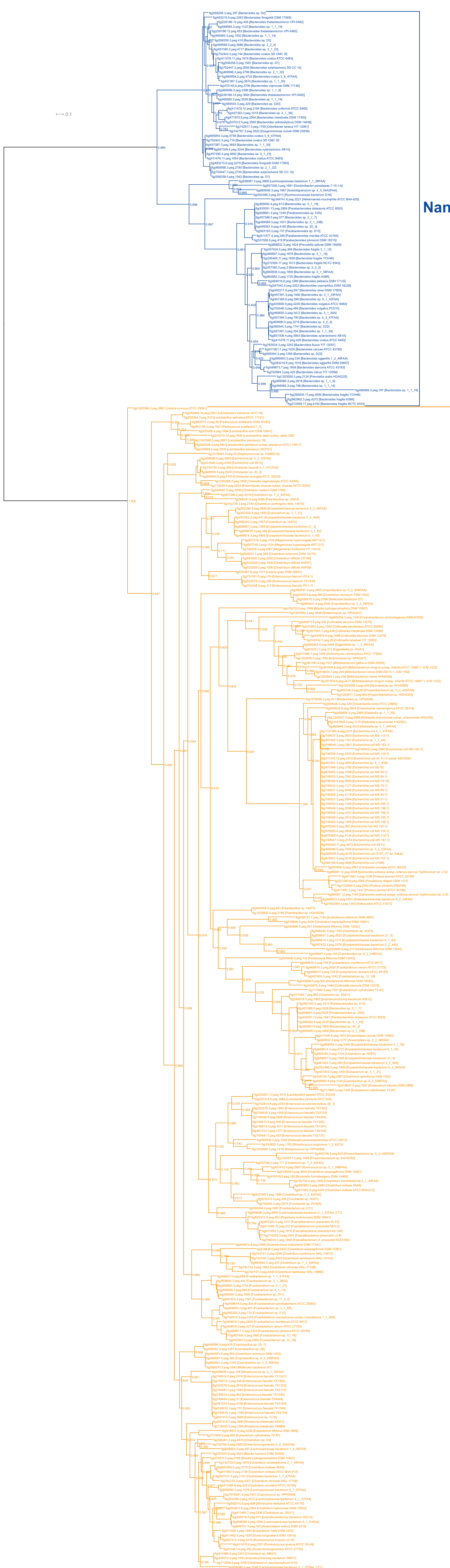**Figure S9.** Maximum-likelihood tree for NanE and NanE-II proteins. Functions are shown by colors. The SEED identifiers for proteins are shown; for their sequences, see the file Sequences S1 in the Supplementary materials. Genome names are shown in brackets.

NanE-II

NanE