



S1 Fig. Recombinant LftR_{ΔNtH} and LftR_{CtH} proteins used in this study. (A) Schematic representations of expression constructs for recombinant LftR proteins. The non-LftR sequences that are appended to LftR in the expression constructs are listed and shown as gray blocks. The non-LftR residues in the LftR_{ΔNtH} structure are underlined. (B) SDS-PAGE analysis of purified LftR_{ΔNtH} and LftR_{CtH} proteins. Protein ladders are shown in the far-left lane of the gel with their molecular weights. (C) Gel-filtration profiles of purified LftR_{ΔNtH} and LftR_{CtH} proteins. Elution peaks of the LftR_{ΔNtH} and LftR_{CtH} proteins were observed at 16.8 ml and 17.3 ml, respectively, and their apparent molecular weights were estimated to be ~24 and ~20 kDa, respectively, based on the elution volumes of gel-filtration standards.