



Figure S1. Prediction of RNA secondary structures of mutated LCMV strain WE (LCMV-WE) S segment UTRs which have 18–22 nt deletions in the 5' or 3' termini. (a to e). Predicted RNA secondary structures of LCMV-WE S segment UTRs which have 18–22 nt deletions in the 5'- or 3'-terminal UTRs. These RNAs were derived from (a) pRF-WE-SRG-5UTR Δ 20–40, (b) pRF-WE-SRG-5UTR Δ 41–60, (c) pRF-WE-SRG-5UTR Δ 60–77, (d) pRF-WE-SRG-3UTR Δ 20–38, and (e) pRF-WE-SRG-3UTR Δ 39–60. RNA sequences of LCMV-WE S segment genome 5'-terminal and 3'-terminal UTRs with various mutation and 50 nt of ORF regional RNA sequences that were directly downstream of the UTRs were linked, sent to the CENTROIDFOLD server, and analyzed using the CONTRAfold model (weight of base pairs: 2²). Each predicted base pair is colored with heat-color gradation from blue to red, corresponding to the base-pairing probability from 0 to 1. "5'" and "3'" indicate 5' terminus and 3' terminus of RNA, respectively. Detailed information about the various mutated pRF-WE-SRGs is given in Table 1, 2 and Figure 1.