

Supplemental Materials for

Interactions of dengue virus NS5 and NS3 with the 3' end of the negative strand RNA

Ekaterina Knyazhanskaya^{1, #}, Paul J. Bujalowski^{2, #}, My T. Le¹, Keerthi Gottipati¹ and Kyung H. Choi^{1,2 *}

¹Department of Molecular and Cellular Biochemistry, Indiana University, Bloomington, IN, 47401, USA

² Department of Biochemistry and Molecular Biology, Sealy Center for Structural Biology and Molecular Biophysics, The University of Texas Medical Branch, Galveston, TX 77555, USA

[#]These authors contributed equally to this work

^{*}To whom correspondence should be addressed. Tel:409-747-1402; Fax:409-747-1404; Email: kaychoi@iu.edu

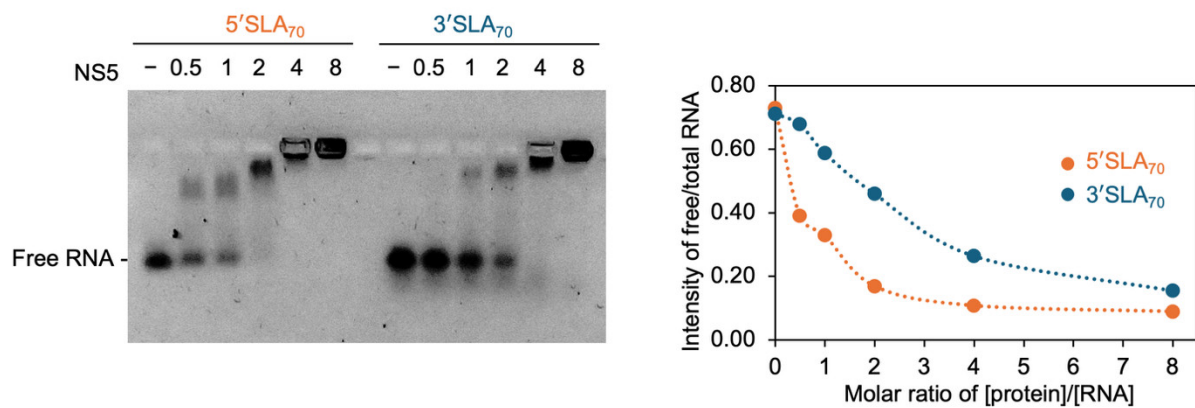


Figure S1. Quantification of NS5 binding to 5'SLA₇₀ and 3'SLA₇₀. The EMSA gels shown in Fig. 3B (left panel) were quantified using ImageJ. The fraction of free RNA relative to total RNA in each lane was plotted as a function of NS5 concentration (right panel).