

Supporting Information (SI)

Ebola Viral Protein 35 N-terminus is a Parallel Tetramer

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Supporting Figures

Supporting Figures

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MARCOIL predicted region: 1
Sequence: EEVVQTLASLATVVQQQTIASESLEQRITSLNGL
Register: bcdefgabcdefgabcdefgabcdefgabcdefga
Result of prediction:
                Most probable state is TETRAMER

                ANTI PARA TRIM TETRA
Raw score is   1.04 0.85 1.03 1.18
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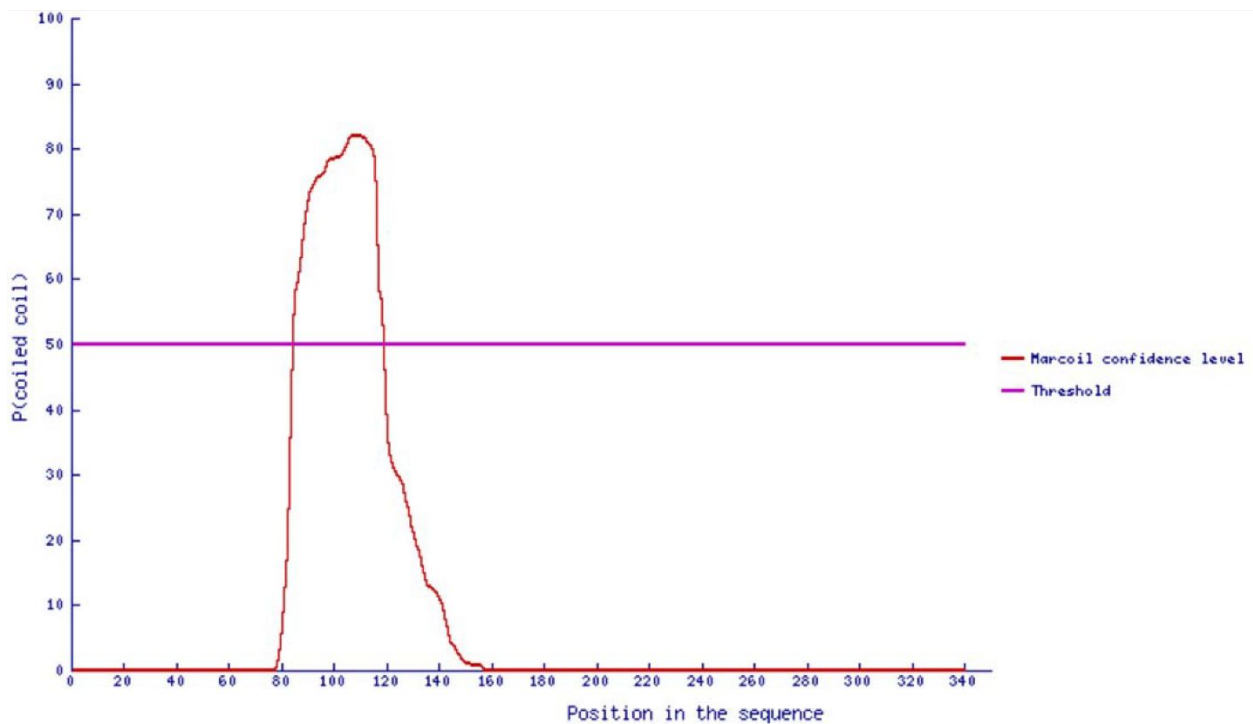


Figure S1. LOGICOIL analysis of eVP35 constructs. Analysis of the VP35 N-terminus sequence using the LOGICOIL algorithm indicates the residues most likely to contain a coiled-coil motif and the most probable oligomeric state as a tetramer.

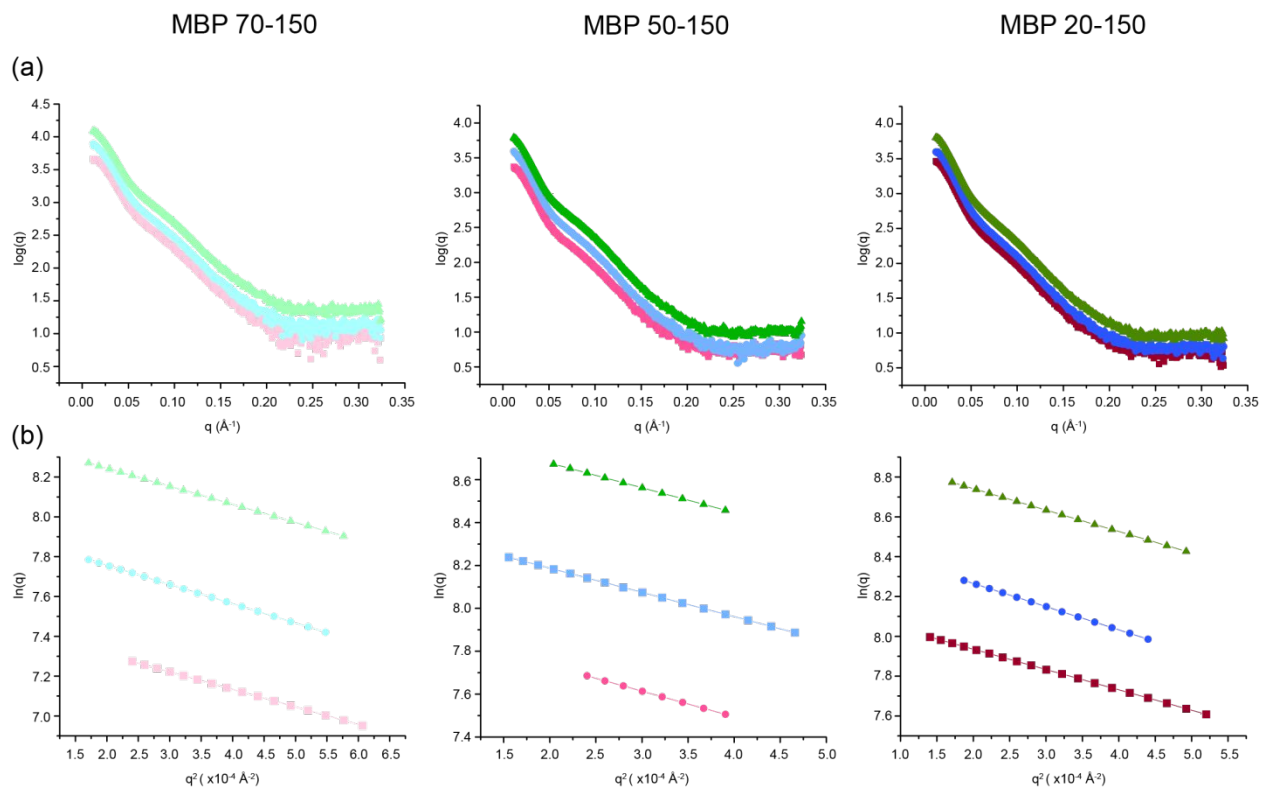


Figure S2. SAXS analysis of eVP35 constructs. (a) Scattering profiles and (b) Guinier plots for MBP eVP35 70-150 (left panels), MBP eVP35 50-150 (middle panels), and MBP eVP35 20-150 (right panels), respectively, at 2 (pink), 3 (blue), and 5 (green) mg/mL.

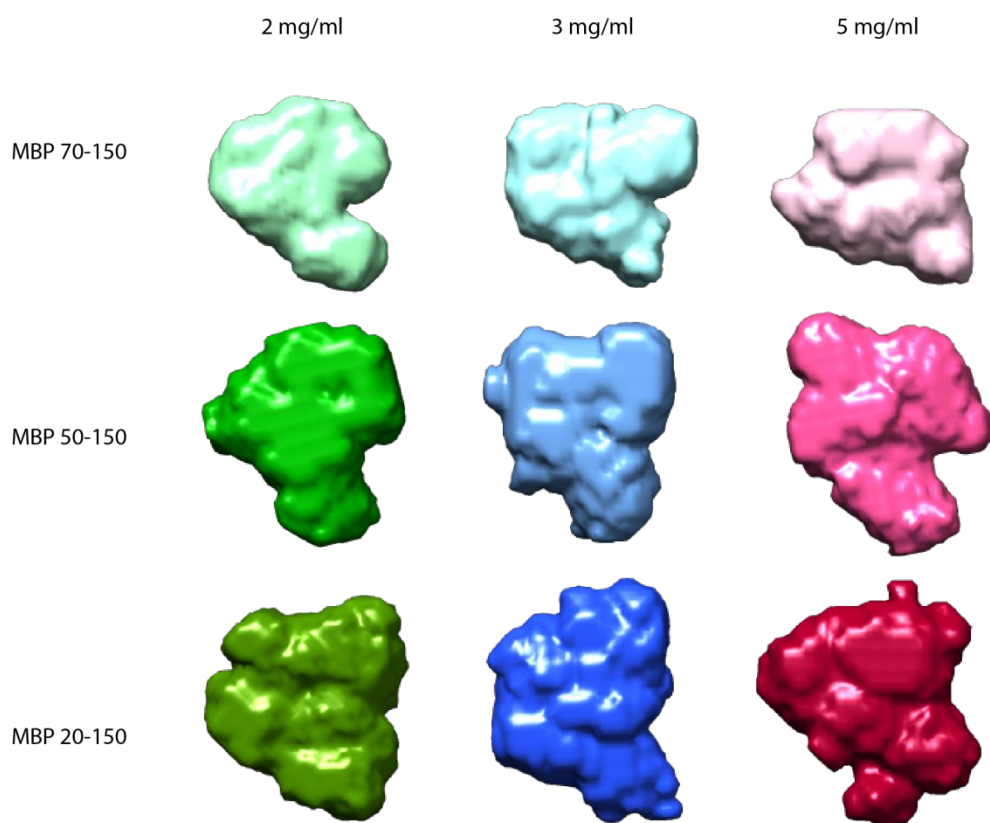


Figure S3. *Ab initio* models of MBP eVP35 70-150, MBP eVP35 50-150, and MBP eVP35 20-150 at the 3 protein concentrations used.