



S4 Fig. Substitution of essential amino acid impact DSF-RpfC interaction. Microscale thermophoresis (MST) was used to quantify the binding affinity between DSF and liposome of RpfC derivatives. Substitutions in RpfC are: (A) S3A; (B) R15D; (C) D17A; (D) S18A; (E) E19A and (F) Q22A. RpfC liposomes were incubated together with DSF in NT Label-free standard capillary in MST assay. Titrations of DSF ranged from 0.08 to 2500 μM . The solid curve is the fit of the data points to the standard KD-Fit function. Each binding assay was repeated independently three times, and black bars represent standard deviations. K_d = dissociation constant.