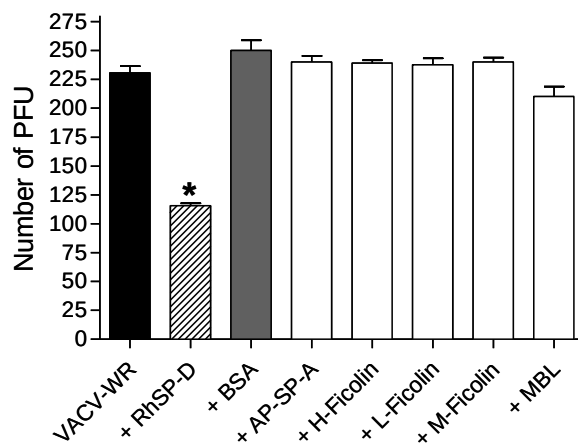


Supplementary Data 1. Effect of different defense lectins on VACV-WR infection. (A) VACV-WR was incubated with different collectins and related ficolin proteins (MBL, L-ficolin, M-ficolin, H-ficolin and RhSP-D) for 1 h. A549 cells were infected at a MOI of 0.0001 and virus replication was measured by a PFU assay. An asterisk indicates a statistically significant difference ($p < 0.05$). (B) SPR analysis of the interaction of collectins and ficolins with immobilized A27. Upper panel, purified collectins (13.7 nM SP-D, 3.3 $\mu\text{g/mL}$ of MBL (10.8 nM), L-ficolin (8.1 nM), M-ficolin (8.5 nM) and H-ficolin (8.3 nM)) were injected over immobilized A27. Lower panel, purified surfactant proteins (13.7 nM SP-D, 90 nM hNCRD, 55 nM mutNCRD, 12 $\mu\text{g/mL}$ AP-SP-A and 5 $\mu\text{g/mL}$ RhSP-A) were injected over immobilized A27. Results are representative of two independent experiments.

(A) Absence of inhibition of the lectins on VACV infection



(B) SPR analysis of the lectins interaction with immobilized A27

