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 µg/mL 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 µg/mL AP-SP-A and 5 µg/mL RhSP-A) were injected over immobilized A27. Results are representative of two independent experiments.