

Supporting Information for

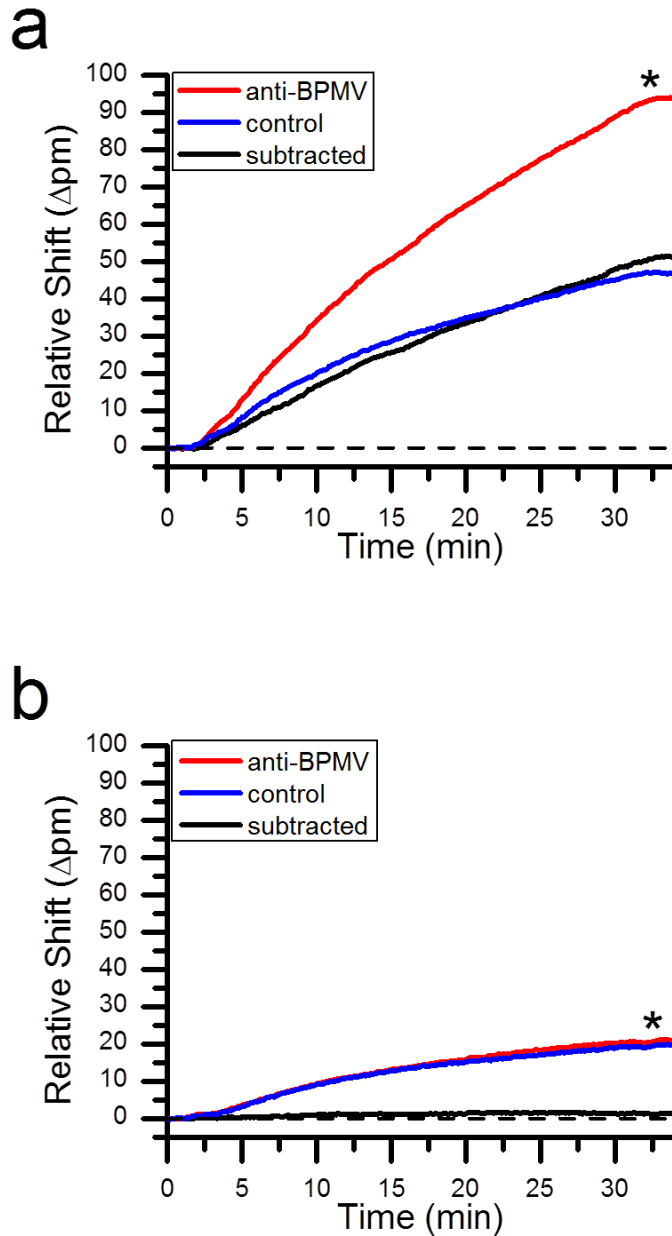
Label-Free Virus Detection Using Silicon Photonic  
Microring Resonators

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**Figure S1.** Graphs showing the response of BPMV and control sensors to the extract from a BPMV infected leaf (a) and a healthy leaf (b). The red trace is the response from anti-BPMV functionalized sensors; the blue trace is the response from control sensors; the black trace is the response from anti-BPMV functionalized sensors after correction for non-specific binding to control sensors. Samples are introduced at 2 minutes, and the \* represents a change back to pure buffer