



**Figure S1 :** Total hemolymph proteins signal measure. 15  $\mu\text{g}$  of *Rhodnius prolixus* hemolymph proteins were labelled with cyanine CY5 and separated on 10 % SDS-PAGE gel. After separation, the proteins were transferred into a nitrocellulose membrane and the CY5 labeling was revealed at 700 nm by digital imaging with a CCD camera. In order to compare the different conditions, normalization was based on total proteins. Total protein quantity per lane was measured by summing the signal intensity (pixels) under the defined rectangle (in blue) using LI-COR Image Studio™ acquisition software.