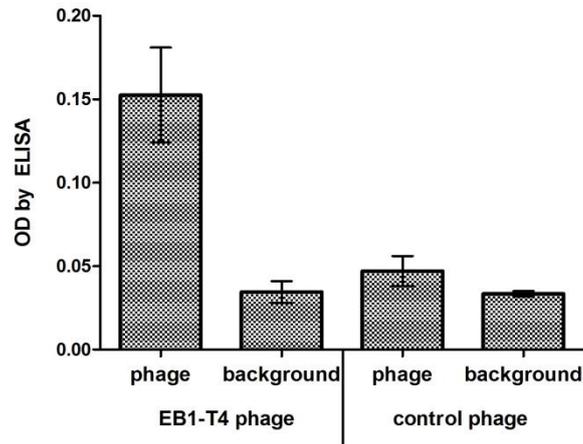


## Supplementary Materials

Ebola virus antigen from Zaire EBOV strain RWGFRSGVPPKVVNY (EB1) was used as an exemplary foreign antigen and it was presented on T4 capsid by competitive phage display [27] (in the Figure: EB1-T4). The phage was purified and tested for the presence of EB1 antigens by ELISA, in comparison to a control phage modified with 6-histidine sequences instead of EB1. Additionally, solving buffer from purified phage preparation was separated on 100-kDa membranes and tested for the presence of EB1 antigens by ELISA (in the Figure: background); this was done to exclude potential remains of EB1 unincorporated to the phage capsid.



**Figure S1.** Purified preparation of T4 phage modified with oligopeptides EB1 derived from Ebola virus: immunological identification of EB1 oligopeptides on the phage capsid and in the solvent.