Figure S4. IL-22 signaling promotes PMNs migration. 

a) Induction of *cxcl* by IL-22 in MBVEC. MBVECs were treated with 200ng/ml of mouse IL-22 for the indicated time duration. The mRNA levels of *cxcl1* and *cxcl5* were quantified by quantitative RT-PCR and normalized with mouse beta actin gene. *, p<0.05.

b) Detection of MBVEC IL-22R by immunoblotting (IB).

c) Migration of blood PMNs from WT or *Il22*<sup>-/-</sup> infected with WNV for 4 days (blood was pooled from 8 mice) across a MBVEC monolayer in the presence of 200ng/ml mouse Cxcl1 after 24h. Each dot represents the mean cell number from one well. *, p<0.05.