

# Differential Pattern of Soluble Immune Markers in Asymptomatic Dengue, West Nile and Zika Virus Infections

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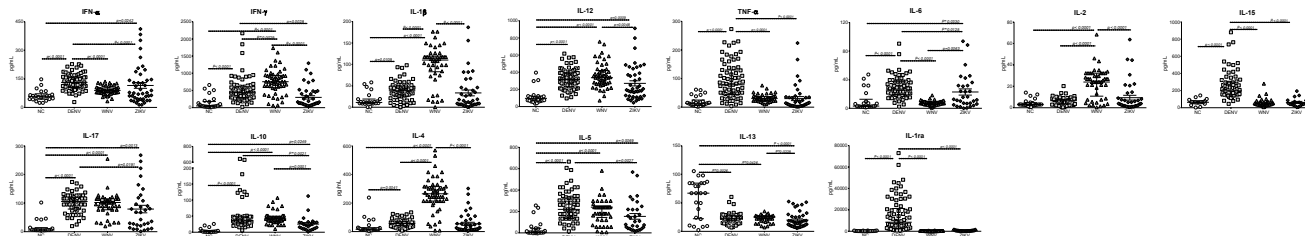
## Supplementary Information

**Supplementary Figure S1.** Levels of soluble markers in plasma samples from NI blood donors and from DENV-, WNV- and ZIKV-infected blood donors. Data are displayed as median with interquartile range of plasma concentration (pg/mL) for each marker. Statistical significance was at  $p < 0.05$  and is represented by dashed lines.

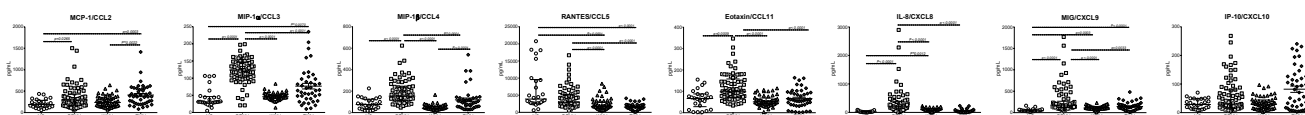
**Supplementary Figure S2.** Overall marker signature of soluble markers in plasma samples from DENV-, WNV- and ZIKV-infected blood donors and NI blood donors. The diagrams were constructed using the global median value as the cutoff point to identify individuals as low or high producers in each group. Individuals with plasma levels above the global median are colored gray and the relevant frequencies ( $\geq 50\%$ ) of individuals with high serum levels are depicted in bold and underline format.

# Figure S1

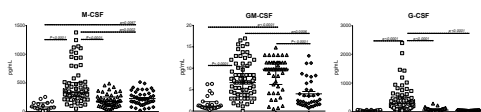
## Cytokines



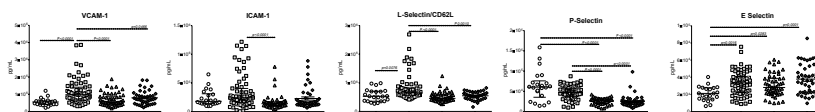
## Chemokines



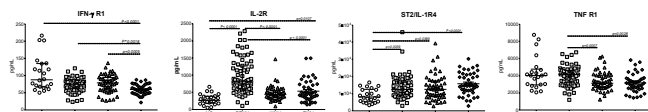
## Growth Factors



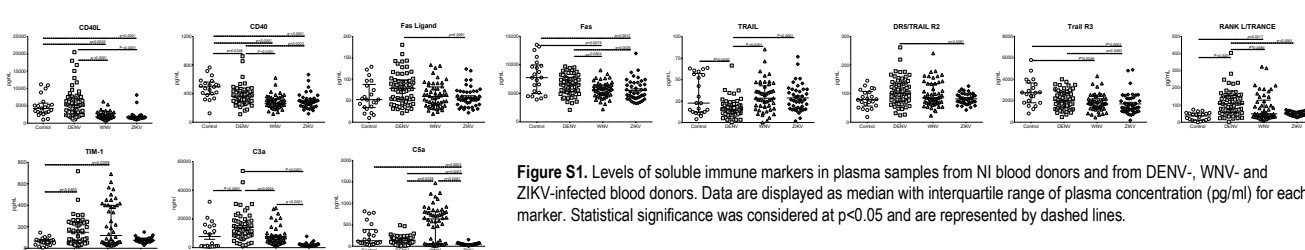
## Adhesion Molecules



## Receptors

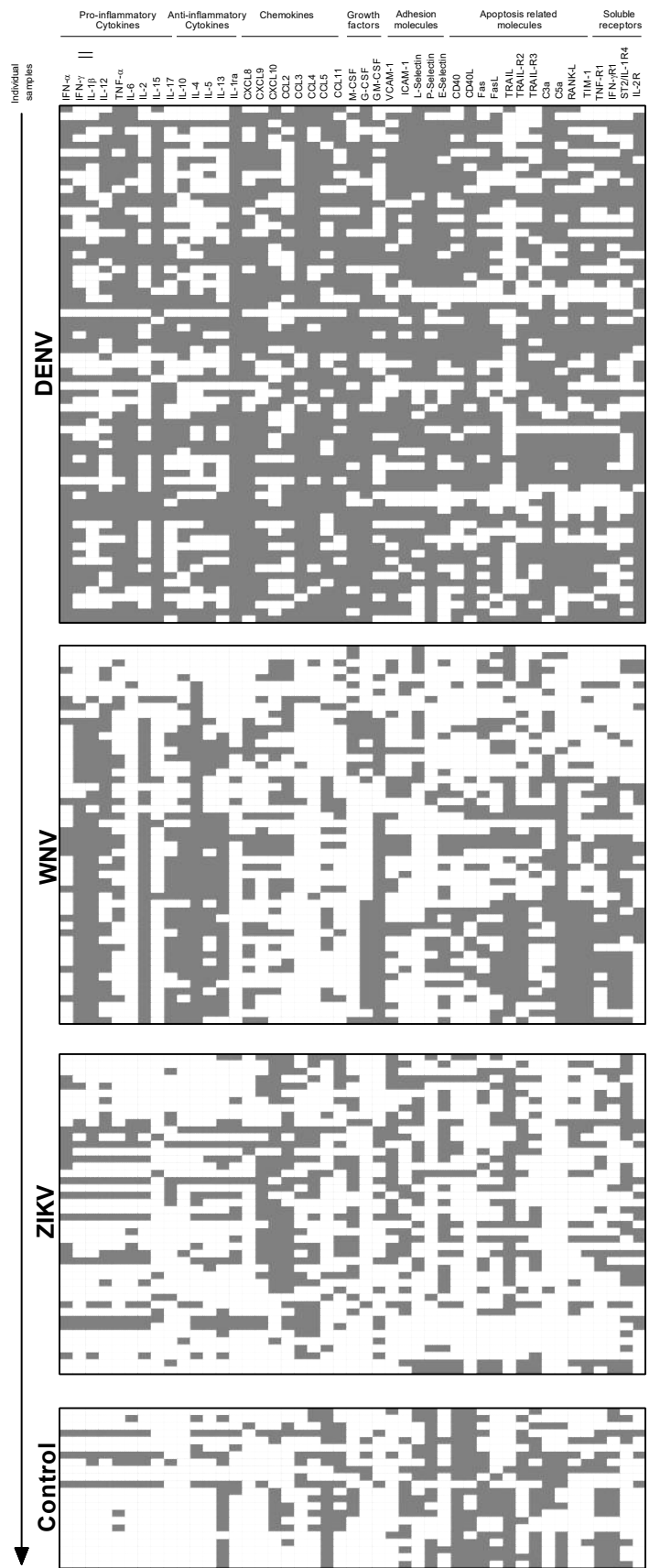


## Apoptosis related Molecules



**Figure S1.** Levels of soluble immune markers in plasma samples from NI blood donors and from DENV-, WNV- and ZIKV-infected blood donors. Data are displayed as median with interquartile range of plasma concentration (pg/ml) for each marker. Statistical significance was considered at  $p < 0.05$  and are represented by dashed lines.

# Figure S2



**Figure S2.** Overall biomarker signature of soluble immune markers in plasma samples from DENV-, WNV-, ZIKV-infected blood donors and NI blood donors. The diagrams were constructed using the global median value as the cut-off point to identify each individual as a low or high producer in each group. Individuals with plasma levels above the global median are colored in gray and the relevant frequency ( $\geq 50\%$ ) of individuals with high serum levels are depicted in bold and underline format.