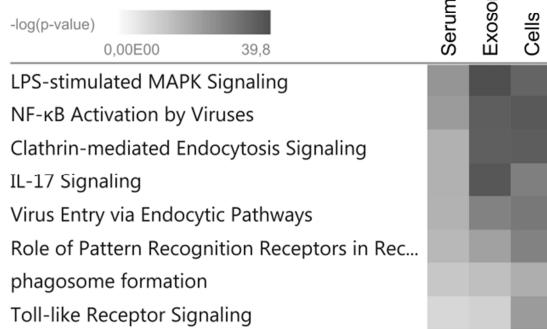
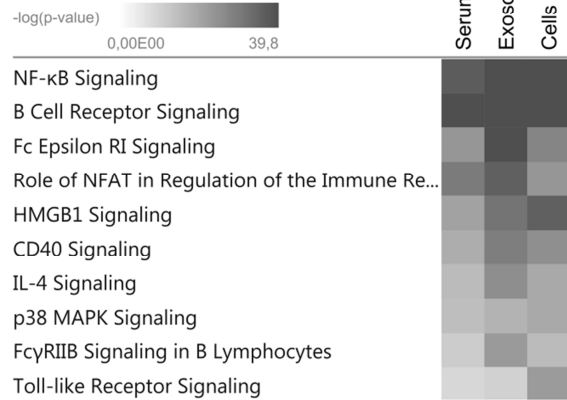


**Supplemental Figure 4. Heat maps for the 5 Top Canonical Pathway networks.** Increasing IPA® pathway scores, which represent the negative log p-value, are depicted by increased shadowing of the rectangles of the heat map.

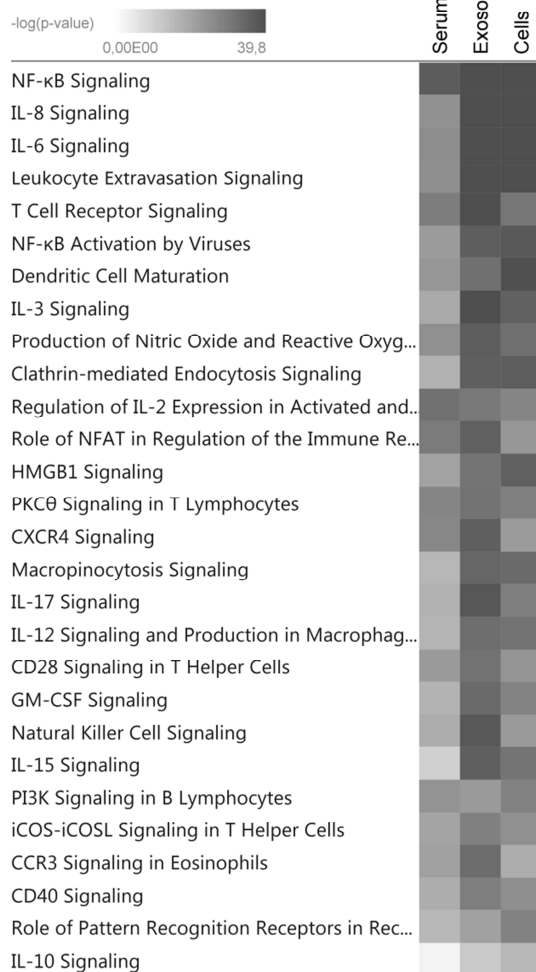
### A Pathogen Influenced Signaling



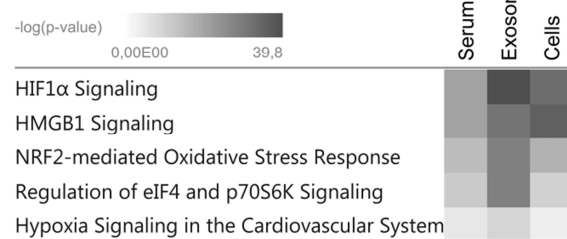
### B Cellular Immune Response



### C Humeral Immune Response



### D Cellular Stress Response and Injury



### E Cardiovascular Signaling

