

**Supplementary Table 1** Sensitivity of cytokine measurements of bead-based immunoassay

<b>Cytokine</b>	<b>Bead ID</b>	<b>MDC (pg/ml)</b>
IFN $\gamma$	B2	<4.28
GM-CSF	A6	<1.89
TNF $\alpha$	A7	<1.42
IL-9	A8	<2.03
IL-10	B7	<0.87
IL-17A	B4	<1.65
IL-17F	B5	<1.74
CCL20	A4	<2.44
IL-23	A10	<5.53
IL-22	B9	<0.54
IL-33	B3	<9.02
VEGF	B6	<15.2

*Description of cytokines, bead identifiers (bead ID) and minimal detectable concentration (MDC) used in bead-based immunoassay (Legendplex)*