

**Table S2. Cytokines used in this study**

Cytokine	Major TF(s)	Dose; exposure time*	Main cellular sources	Immune-related functions	Ref
<b>IFN-g</b>	STAT1	100 or 250 U/ml; 15 min* or 1, 3, 6, 16, 24, 48, 72 hr	T cells and NK cells	Promotes the development and activation of Th1 cells, chemoattraction and activation of monocytes and macrophages, upregulation of antigen presentation molecules and immunoglobulin class switching in B cells, inhibits Th2 and Th17 development	[6, 7]
<b>IL-1a</b>	p65, c-jun	10 ng/ml; 15 min* or 24 or 48 hr	macrophages and epithelial cells	T-cell activation, macrophage activation	[8]
<b>IL-10</b>	STAT3	100 ng/ml; 15 min* or 24 or 48hr	T cells, monocytes, macrophages, DCs and B cells, and all leukocytes	Promotes phagocytic uptake, suppresses monocytes/macrophages, Th1 and Th17.	[9]
<b>IL-27</b>	STAT1	50 ng/ml; 15 min* or 24h or 48hr	monocytes, endothelial cells and dendritic cells	Limits Treg growth and survival, inhibits Th2 and Th17 development, inhibits DC antigen presentation, promotes CD8+ T cell effector functions.	[10, 11]
<b>IL-32g</b>	not known	100 ng/ml; 15 min* or 24 or 48hr	monocytes, macrophages	Regulates IFN-g, TNF-a, and IL-6 expression in monocytes, suppresses HIV replication.	[12]

TF: transcription factor.

\*Exposure time to assess TF phosphorylation on Western blotting.

### Supplementary References

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