

Table 5. Genes stimulated by LPS and VLPs according to experimental group

			LPS	VLPs
<u>Specific to normal volunteers only</u>				
Hs.1239	290 ANPEP	CD13=aminopeptidase N	▲	▲
Hs.306278	960 CD44	CD44=Pgp-1=extracellular matrix receptor-III=Hyaluronate receptor	▲	▲
Hs.99029	1051 CEBPB	NF-IL6=C/EBP beta	▲	▲
Hs.100431	10563 CXCL13	BLC=BCA-1=B lymphocyte chemoattractant BLC=CXC chemokine	▲	▲
	TIMP1	tissue inhibitor of metalloproteinase 1	▲	▲
<u>Shared by all experimental groups</u>				
Hs.227817	597 BCL2A1	BCL2-related protein A1	▲	▲
Hs.303649	6347 CCL2	MCP-1=MCAF=small inducible cytokine A2=JE=chemokine	▲	▲
Hs.514107	6348 CCL3	Chemokine (C-C motif) ligand 3	▲	▲
Hs.16530	6362 CCL18	PARC=DC-CK1=CCchemokine targeting T cells, not monocytes	▲	▲
Hs.75498	6364 CCL20	Chemokine (C-C motif) ligand 20	▲	▲
Hs.443120	948 CD36	CD36	▼	▼
Hs.418123	1514 CTSL	cathepsin L	▲	▲
Hs.78913	1524 CX3CR1	CX3CR1=chemokine (C-X3-C) receptor 1	▲	▲
Hs.789	2919 CXCL1	GRO1=GRO alpha=melanoma growth stimulatory activity	▲	▲
Hs.590921	2920 CXCL2	Chemokine (C-X-C motif) ligand 2	▲	▲
	HM74	putative chemokine receptor; GTP-binding protein	▲	▲
Hs.1722	3552 IL1A	Interleukin 1, alpha	▲	▲
Hs.126256	3553 IL1B	Interleukin 1, beta	▲	▲
Hs.81134	3557 IL1RN	Interleukin 1 receptor antagonist	▲	▲
	IL2RA	interleukin 2 receptor, alpha	▲	▲
Hs.130210	3569 IL6	IL-6	▲	▲
Hs.624	IL8	Interleukin 8	▲	▲
Hs.515247	3718 JAK3	Janus kinase 3 (a protein tyrosine kinase, leukocyte)	▲	▲
Hs.699154	4067 LYN	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog	▲	▲
Hs.81328	4792 NFKBIA	IκB alpha	▲	▲
Hs.489615	10135 PBEF1	Pre-B-cell colony enhancing factor 1	▲	▲
Hs.491582	5327 PLAT	Plasminogen activator, tissue	▲	▲
Hs.466871	5329 PLAUR	Plasminogen activator, urokinase receptor	▲	▲
Hs.196384	5743 PTGS2	Prostaglandin-endoperoxide synthase 2	▲	▲
<u>Specific to HIV patients</u>				
Hs.631659	920 CD4	CD4 molecule	▼	▼
Hs.181301	1520 CTSS	Cathepsin S	▼	▼
Hs.444105	953 ENTPD1	CD39	▼	▼
Hs.514220	2896 GRN	Granulin	▼	▼
Hs.591967	10068 IL18BP	Interleukin 18 binding protein	▼	▼
Hs.653138	9450 LY86	Lymphocyte antigen 86	▼	▼
Hs.2256	4316 MMP7	Matrix metalloproteinase 7 (matrilysin, uterine)	▲	▲
Hs.633514	7077 TIMP2	TIMP metalloproteinase inhibitor 2	▼	▼
Hs.437322	7130 TNFAIP6	Tumor necrosis factor, alpha-induced protein 6	▲	▲
<u>Specific to HIV patients high viral load</u>				
Hs.534370	6367 CCL22	MDC=STCP-1=macrophage-derived chemokine precursor=CC	▲	▲
<u>Specific to HIV patients low viral load</u>				
Hs.114286	928 CD9	CD9 molecule	▼	▼
Hs.54673	8741 TNFSF13	Tumor necrosis factor (ligand) superfamily, member 13	▼	▼