



Supplemental Figure 1. *P. falciparum* iRBCs and Hz induce trained immunity. (A and B) TNF α and IL-6 ELISA measurements of supernatants from adherent PBMCs trained with iRBCs (A) or Hz (B) for 24 hr, rested for 3 d, then challenged with RPMI+ (media-only control) or Pam3CSK4 for 24 h. Bars represent mean \pm SEM for eight donors.

Cohort 1	Cohort 2	Cohort 3	Cohort 4	Cohort 5	Cohort 6
IL5	C1S	CSF2	OXER1	MAPK8	MEF2BNB-MEF2B
IL13	IL2	PTGS2	HSH2D	IL10	CCL5
CCL4	CSF1	IL1R1	CD4	DDIT3	CD40LG
TNFSF14	CCL21	CCL16	IL1RAP	TLR1	IL18RAP
CXCL9	ITGB2	CSF3	ALOX5	ROCK2	MAP2K6
TNF	C1QA	MMP3	LY96	SHC1	TCF4
CCL19	MMP9	MAP2K1	CCL2	BCL6	CCR7
IL21	LIMK1	MAPKAPK2	CD163	TLR6	PTGER4
IL23R	FOS	IL12B	TYROBP	RAF1	CYSLTR1
C1R	CEBPB	TNFAIP3	PTGDR2	MAPK14	DEFA1
CRP	CCR1	MAFK	HSPB1	NFATC3	MYC
PTGIR	MRC1	IL15	NOX1	MYD88	HMGB1
C7	C1QB	IL6R	STAT1	TRADD	RPS6KA5
C7	CCL24	RAPGEF2	NOD1	CREB1	STAT3
IFNG	TLR2	NOS2	PLCB1	NOD2	MX2
JUN	CCL8	C8A	TREM2	PRKCB	TLR9
CCR4	CCL13	C6	CXCL6	PDGFA	HDAC4
AREG	IL17A	GNGT1	CCL7	C5	PRKCA
FLT1	TLR8	C9	CFL1	MEF2A	MEF2C
CCL3	KNG1	OASL	CYSLTR2	TGFB2	IRF3
FXYP2	CXCL5	TBXA2R	CCL23		HMG1
C8B	IL1A	BCL2L1	MAPK3		PTGER3
IL23A	PTGS1	TGFB1	CXCR4		IL7
CXCL2	C3AR1	CD86	CD55		RELA
IL8	CFD	TSLP			STAT2
IL6	C3				MAP3K5
IL9	IL1B				TGFBR1
MBL2					NFKB1
IL11					NR3C1
CXCL3					CDC42
LTB4R					GRB2
CCL20					GNB1
ALOX12					MKNK1
C2					RHOA
MAFF					TGFB3
CFB					LTB4R2
HLA-DRB1					IL12A
HLA-DRA					GNAS
IL18					TLR3
NLRP3					PTK2
RIPK2					LTB
PTGER1					KEAP1
IL1RN					PPP1R12B
IL3					HRAS
IFNA1					DAXX
PTGFR					IRF5
					MAPK1
					MAP2K4
					MAPKAPK5
					BIRC2
					MAP3K7
					RELB
					RIPK1
					MAX
					AGER
					TRAF2
					MAP3K1

Supplemental Table I. Listing of the transcripts in each cohort of the NanoString hierarchical clustering analysis found in Figure 2C.