

HC					
AM>Rem	DN>Rem	Naïve>Rem	Naïve>DN	Naïve>AM	DN>AM
CD40L	IGD	IGD	no DEGs	CD28	CD28
CD28	PILRB	PILRB		IGD	CD40L
PILRB	CCR7	BCL2		IRAK3	IGD
FOXO3	FOXO3	FOXO3		SOCS1	IL6
CD38	PIK3C2B	CD69		TIRAP	CAMK4
STAT5A	RUNX3	PIK3C2B		CAMK4	TNFSF13
ABCB1	GAPDH	BCL6		PRDM1	
MZB1	BCL2	CCR7		CD40L	
MAPK3	STAT5A	BLNK		BTLA	
SAMHD1	BLNK	BTLA		TNFSF13	
STAT4	BCL6	STAT4		CXCL10	
BCL6	MAPK3	RUNX3		IL6	
GAPDH	MYD88	TNFSF13			
BAX	STAT4	GAPDH			
RUNX3	IL6RA	MAPK3			
IL6RA	BST2	IRAK3			
IL6ST	IRF4	CXCR3			
CCR7	BAX	TIRAP			
IRF4	BTLA	MYD88			
FYN	ABCB1	BAX			
BLNK	CD69	CD38			
BST2	TNFSF13	MX1			
STAT3	ITCH	ABCB1			
ZAP70	IL6	CD79B			
	MTOR	STAT1			
	CD86	STAT3			
	SYK	PTEN			
	MX1	IL6ST			
	CD38	SYK			
	STAT3	BST2			
	CD79B	ITCH			
	DUSP4	IL21R			
	SAMHD1	IFIT2			
	PTEN	IL10RA			
	IFIT2	PLCG			
	LILRB1	IRF4			
	NFKB1	STAT5A			
	MZB1	IL6			
	IL10RA	CD74			
	TACI	DOCK8			

p<0.01
p<0.05
subset<subset

HIV					
AM>Rem	DN>Rem	Naïve>Rem	Naïve>DN	Naïve>AM	DN>AM
CD28	CCR7	IGD	IRAK3	CD28	CD28
CD40L	IL6ST	IL6ST	IGD	CD40L	CD40L
PKC A	MTOR	BTLA	CD79B	PKC A	PKC A
IL6ST	STAT3	CD69	TNFRSF4	CAMK4	GATA3
FYN	IGD	LILRB1	IL6RA	IRAK3	CAMK4
PLCG	MYD88	CD79B	IL10RA	IL6RA	CD27
SELPLG	IRAK4	IRAK3	IFIT2	IL6	SELPLG
GATA3	MAPK3	TNFSF13	CAMK4	IGD	FYN
IRAK4	STAT4	BLNK	CD69	SELPLG	PLCG
STAT3	FYN	STAT3	PPPIR13B	KLRG1	CCR2
CCR7	BTLA	PLCG	LILRB1	ZAP70	IL6ST
CAMK4	CAV1	MAPK3	BTLA	GATA3	PRDM1
MTOR	RUNX3	CCR7		EOMES	SAMHD1
STAT4	DUSP4	TLR7		PRDM1	EOMES
MAPK3	PLCG	IRAK4		CD27	KLRG1
LILRB1	LILRB1	FYN		CCR2	TRIM5
RUNX3	TNFSF13	PAX5			IL6
MYD88	IL6RA	ABCB1			ZAP70
CD69	SOCS1	BCL6			IL10RA
ZAP70	CD69	SYK			IFIT2
IL6RA	TLR7	MTOR			TACI
SYK	STAT5A	IL6			MZB1
TNFSF13	NFKB1	MYD88			APOBEC3 G
BLNK	IRF4	CYBB			PPPIR13B
FAS	ABCB1	LIGHT			CD38
FOXO3	LIGHT	PPPIR13B			BCMA
GAPDH	BLNK	STAT4			NOD2
LIGHT	PAX5	FOXO3			IRAK4
SAMHD1	IFNAR2	DOCK8			CXCR3
PPPIR13B	FAS	PIK3C2B			
IFNAR2	SYK	SOCS1			
APOBEC3G	BTk	PILRB			
BCL6	IL6	APOBEC3G			
BAX	ITCH	RUNX3			
CD27	SELPLG	FAS			
DUSP4	GAPDH	PTEN			
DOCK8	TNFRSF4	STAT5A			
STAT5A	IGM	MX1			
IRF4	BCL6	ITCH			
PAX5	FOXO3	BTk			
TACI	BAX	IRF4			
MX1	CYBB	IL10RA			
BTLA	CD86	BAX			
TLR7	BST2	GAPDH			
ITCH	ZAP70	BST2			
ABCB1	PIK3C2B	CAV1			
CAV1	PDCC1	IFIT2			
PRDM1	PKC A	BCL2			
CYBB	DOCK8	STAT1			
SOCS1	PILRB	NFKB1			
CD79B	PPPIR13B	TACI			
IGD	BATF	CD38			
MZB1	CD79B	IFNAR2			
NFKB1	APOBEC3G	CD74			
BST2	MX1	GATA3			
BTk	TXNDC5	SELPLG			
CD38	PTEN	DUSP4			
CD86		TRIM5			
BCMA		IL21R			
IGM		TXNDC5			
PIK3C2B		MZB1			
EOMES		CXCR3			
KLRG1		IKBKG			
IL10RA		BATF			
TXNDC5		IGM			
		TNFRSF13C			
CXCR3					
TRIM5					
CCR2					
PILRB					
IFIT2					
STAT1					
BATF					
IKBKG					
PPP3CA					
NOD2					
IL21R					
IL10					
HAVCR2					

NR						
AM>Rem	DN>Rem	Naïve>Rem	Naïve>DN	Naïve>AM	DN>AM	
CD28	MTOR	IGD	IRAK3	CD28	CD28	
IL6ST	IGD	IL6ST	CD79B	IL6	PLCG	
FYN	IL6ST	IRAK3	IGD	IRAK3	GATA3	
PLCG	CCR7	CD69	BLNK	CD40L	SELPLG	
GATA3	TNFSF13	BTLA	TRIM5	IGD	CD40L	
MTOR	IL6RA	BLNK	PPPIR13B	CAMK4	PKCA	
SELPLG	CD69	LILRB1	TNFRSF4	PKCA	CD27	
IGD	MYD88	TNFSF13	PIK3C2B	GATA3	IL6	
CD69	FYN	MTOR	IL10RA	EOMES	FYN	
TNFSF13	TNFRSF4	CD79B	BTLA	ZAP70	TRIM5	
APOBEC3G	STAT5A	PLCG	PLCG	SELPLG	CCR2	
STAT3	NFKB1	CCR7	BCL6		PPPIR13B	
PKCA	LILRB1	BCL6	LILRB1		CAMK4	
LILRB1	BTLA	SYK	CD69		IL10RA	
IRAK4	CAV1	FYN	PTEN		IL6ST	
CCR7	RUNX3	IL6	FOXO3		BCMA	
STAT4	STAT3	MYD88	PAX5		TNFRSF4	
BCL6	IL6	MAPK3	IFIT2		CXCR3	
MAPK3	MAPK3	APOBEC3G	SYK			
SYK	STAT4	STAT3				
PPPIR13B	SYK	PPPIR13B				
MYD88	BST2	ABCB1				
BLNK	APOBEC3G	TLR7				
CD40L	GATA3	CYBB				
RUNX3	TLR7	PIK3C2B				
BTLA	IRAK4	IRAK4				
CAV1	PLCG	STAT4				
IL6RA	BCL6	LIGHT				
CAMK4	ABCB1	PAX5				
STAT5A	CYBB	STAT5A				
BST2	BLNK	RUNX3				
LIGHT		BCL2				
GAPDH		DOCK8				
IL10RA		BST2				
TLR7		PTEN				
NFKB1		IL10RA				
ZAP70		ITCH				
TACI		FOXO3				
ABCB1		GAPDH				
ITCH		MX1				
DOCK8		NFKB1				
SAMHD1		BTk				
BAX	CYBB	TACI				
CD27	BTk	PILRB				
IFNAR2		CD38				
CD79B		IRF4				
MX1		TXNDC5				
IGM		CAV1				
MZB1		IFIT2				
BCMA		BAX				
PIK3C2B		GATA3				
PRDM1		SOCs1				
PAX5		SELPLG				
DUSP4		FAS				
FOXO3		MZB1				
IRF4		STAT1				
		IFNAR2				
		TRIM5				
		DUSP4				
		IL21R				
BCL2						
SOCs1						
CD38						
CXCR3						
CD86						
FAS						
IKBKG						
CCR2						
TRIM5						
TXNDC5						
IL21R						

p<0.01
p<0.05
subset<subset

R						
AM>Rem	DN>Rem	Naïve>Rem	Naïve>DN	Naïve>AM	DN>AM	
CD28	IRF4	IGD	IL6RA	CAMK4	CD28	
STAT4	SOCs1	IL6RA	DUSP4	CD28	CD40L	
PKCA	NFKB1	CD69	CD86	PKCA	PKCA	
SELPLG	STAT4	CD86	CAMK4	CD27	CD27	
IL6ST	CAV1		PDCD1	IL6RA	GATA3	
ZAP70	IGD		NFKB1	KLRG1	CAMK4	
CD40L	IL6ST		BATF	CD40L	KLRG1	
CAMK4	CCR7			SELPLG	SELPLG	
IRF4	STAT3			CD86	ZAP70	
KLRG1				IGD	IGD	
CD69				STAT4	IFIT2	
IRAK4				ZAP70	EOMES	
FYN				DUSP4	SAMHD1	
GATA3				RUNX3		
MAPK3				SAMHD1		
IFNAR2				FYN		
RUNX3				MTOR		
PLCG				PRDM1		
BCL6				BATF		
LIGHT				NOD2		
FOXO3				ITCH		
ITCH				IRF4		
STAT3						
DOCK8						
BAX						
EOMES						
CD27						
SOCs1						
FAS						
MYD88						
CXCR3						
CCR7						
SAMHD1						