

Supplementary Table S3. Signature genes list

Signature	Cent memory CD4 T cell vs TH1 up
Genes	ABCD4 AHCYL2 AMBN AMHR2 AMIGO2 ANXA1 AQP3 ARHGAP15 ARHGAP26 ATP2C2 ATXN7L3B BACH2 BBS1 BIN1 BOK BTN2A1 C1orf115 C1orf56 CABP5 CAPN3 CAPRIN2 CARS2 CCNT2 CD300A CD44 CD84 CHMP7 CIRBP CLDN16 CLOCK CLSTN1 COX7A1 CPN1 CPQ CSGALNACT1 CSPG4 CSRP3 CTSS CUL4A CUZD1 CYB561 DCLK1 DENND1B DENND5A DGCR8 DIDO1 DMTF1 DNAH2 DPY19L2P2 DUOX2 ECE1 EEF2 EFCAB14 EMSY EPHA1 EXOC1 F8 FAM13B FCN3 FGF22 FGF9 FKBP10 FOXL1 FRAT1 FTOGABRA3 GATA3 GCNT4 GLRA3 GOLGA8A GPR6 GPRASP1 GSE1 H2AC25 HAS2 HBP1 HCG4B HLA-C HLA-DPB1 HLA-F HRC IFNAR2 IL18 IMPACT ITIH4 JMJD1C KATNIP KBTBD2 KCNN3 KIR2DL2 KRT36 LMBR1L LONP2 LRRC1 LRRC37BP1 LUC7L3 LY75 LZTFL1 MAGEA4 MAP3K5 MARCHF8 MDFIC MED25 MEGF6 MIA2 MKKS MKRN1 MMP10 MTRF1L MUC7 MVB12B NACA NCK2 NHLRC2 NOX3 NR3C1 OCEL1 OSBPL8 PATZ1 PCDH8 PCF11 PCNX2 PDE3B PHF1 PI4KA PIK3IP1 PIK3R1 PKD1P6 PLAC8 PLSCR3 POGZ POPDC2 PRKY PRL PRPF3 PSORS1C1 PTC2 RAB11FIP4 RABL3 RADX RAPGEF6 RBP3 RHO RIC3 RORC RPL39 RPLP2 RPS17P5 RUFY1 S100A8 SCML1 SIRPG SLC35E2B SLC46A3 SMIM7 SMURF1 SNX29 SP3P SPATA7 SSPN SSTR1 STAG3L4 STUB1 SULT1B1 TCF7 TDRKH TENM1 TEX28 THRB TP53TG1 TP73-AS1 TRANK1 TRAPPC2 TREH TRIM13 TRIM44 TSPAN6 TTC17 TTC30A TUBG2 TXNRD3 UBASH3A USP25 VAMP1 VTCN1 ZBTB18 ZBTB25 ZBTB7A ZCWPW1 ZFP36L2 ZFYVE9 ZNF117 ZNF14 ZNF202 ZNF266 ZNF337 ZNF432 ZNF529
Source	https://www.gsea-msigdb.org/gsea/msigdb/human/geneset/GSE3982