Supplementary Table 1. Differentially expressed genes and gene ontologies (GOs) from Figure 3.

Upregulated genes
CEBPE
TINAGL1
ANKRD22
GPR84
CHI3L1
CD177
SLCO4C1
OLFM4
C15orf48
LTF
LCN2
PRTN3
ICA1
OLR1
MS4A3
MAPK13
S100A8
ANXA1
CTSG
FPR2
PADI4
CDKN3
ELANE
UPP1
ANXA3
CAMP
ABCA13
RHOU
ORM1
CHIT1
5-Sep
S100A9

Downregulated Genes
LYPD6B
ALS2CL
TDRP
TMIE
ALPK1
RAMP3
VIPR1
LEF1
RYR3
CNGA1
ADH1C
AMPD1

Upregulated GOs

RAGE receptor binding
neutrophil aggregation
Myeloid Cells, GN.Arth.SynF, CD11b+ Ly6-G+, Synovial Fluid
abnormal innate immunity
B cells, MLP.BM, CD19- IgM- CD43+ CD24- AA4.1+ CD45R-
Myeloid Cells, MF.BM, B220neg CD3neg Ly-6C/Glo CD115int
Neutrophil-specific genes up-regulated
B cells, MLP.FL, CD19- IgM- CD43+ CD24intermediate
abnormal immune cell physiology
cytokine production
altered susceptibility to bacterial infection
phagocytosis
Genes down-regulated in CD133+
Myeloid Cells, GN.Thio.PC, CD11b+ Ly6-G+, Peritoneal Cavity
Genes up-regulated in bone marrow-derived macrophages
endocytosis
Network of differentially expressed myeloid genes.
neutrophil mediated immunity
abnormal cell-mediated immunity
phospholipase A2 inhibitor activity
Genes significantly up-regulated in the blood mononuclear cells
intracellular ligand-gated ion channel activity
Genes up-regulated in monocyte-derived dendritic cells
Genes up-regulated in comparison of CD4 T
defense response to other organism
defense response to bacterium
Genes down-regulated in monocyte-derived dendritic cell ...
Toll-like receptor 4 binding
arachidonic acid binding
abnormal neutrophil physiology
leukocyte migration
Myeloid Cells, MF.Sbcaps.SLN, CD11b+ CD169+ F4/80-
response to bacterium
leukocyte migration involved in inflammatory response
inflammatory response
abnormal adaptive immunity
cytoplasmic, membrane-bounded vesicle
abnormal hematopoietic system physiology
chitin binding
Myeloid Cells, Mo.6C+II-.BM, B220neg CD3neg CD115+ Ly-6
B cells, B.Pl.AA4-.BM, CD138+ AA4.1- CD43+, Bone marrow
icosanoid binding
Genes up-regulated in T cells: CD4
abnormal leukocyte physiology
secretory vesicle
Up-regulated genes in myeloid progenitors immortalized
Myeloid Cells, GN.Arth.BM, CD11b+ Ly6-G+, Bone marrow
abnormal response to infection
abnormal granulocyte physiology
B cells, proB.CLP.BM, CD19- IgM- CD43+ CD24- AA4.1+ CD4
Genes up-regulated in NKT cells versus CD8A.
Genes up-regulated in CD8 T cells: central memory
interleukin-8 production

Downregulated GOs

Genes up-regulated in CD4 T conv over-expressing GATA1
alpha beta T cells, T.8Nve.Sp, 4- 8+ 25- 62Lhi 44lo, Sp
Genes down-regulated in comparison of regulatory T cell
Genes up-regulated in spleen B lymphocytes versus bone
Genes down-regulated in CD4 T conv over-expressing IKZF
alpha beta T cells, T.4.Pa.BDC, 4+ 8- BDC+, Pancreas, avg-2
Genes down-regulated in comparison of thymus regulatory
Genes down-regulated in comparison of TregLP versus Tconv
Genes down-regulated in comparison of lymph node
Genes down-regulated in CD8 T cells: naïve
Genes down-regulated in B lymphocytes: ZFX
Genes down-regulated in CD4 T conv over-expressing LEF1
Genes down-regulated in CD4 [GeneID=920] T cells
alpha beta T cells, T.4Nve.MLN, 4+ 8- 25- 62Lhi 44lo,
CD positive, T.8Nve.Sp.OT1, CD8+ CD45.1+, Spleen,
Genes up-regulated in dendritic cells stimulated by LPS
Genes down-regulated in CXCR5+ BCL6+
Genes down-regulated in comparison of regulatory T cell
alpha beta T cells, T.4Mem.LN, TCRb CD44high CD122lo CD
CD positive, CD4 Control, 4+8-B220-, Spleen,
Cluster P4 of genes with similar expression profiles
Genes down-regulated in comparison of TregCD103-Klrg1
Genes down-regulated in CD4 [GeneID=920] T conv
Genes up-regulated in CD4 [GeneID=920] versus granulocytes
Genes down-regulated in comparison of regulatory T cell
Genes up-regulated in bone marrow-derived macrophages
Genes up-regulated in comparison of TconvLN versus Treg
alpha beta T cells, T.8Nve.MLN, 4- 8+ 25- 62Lhi 44lo,
alpha beta T cells, T.4.PLN.BDC, 4+ 8- BDC+, Lymph Node