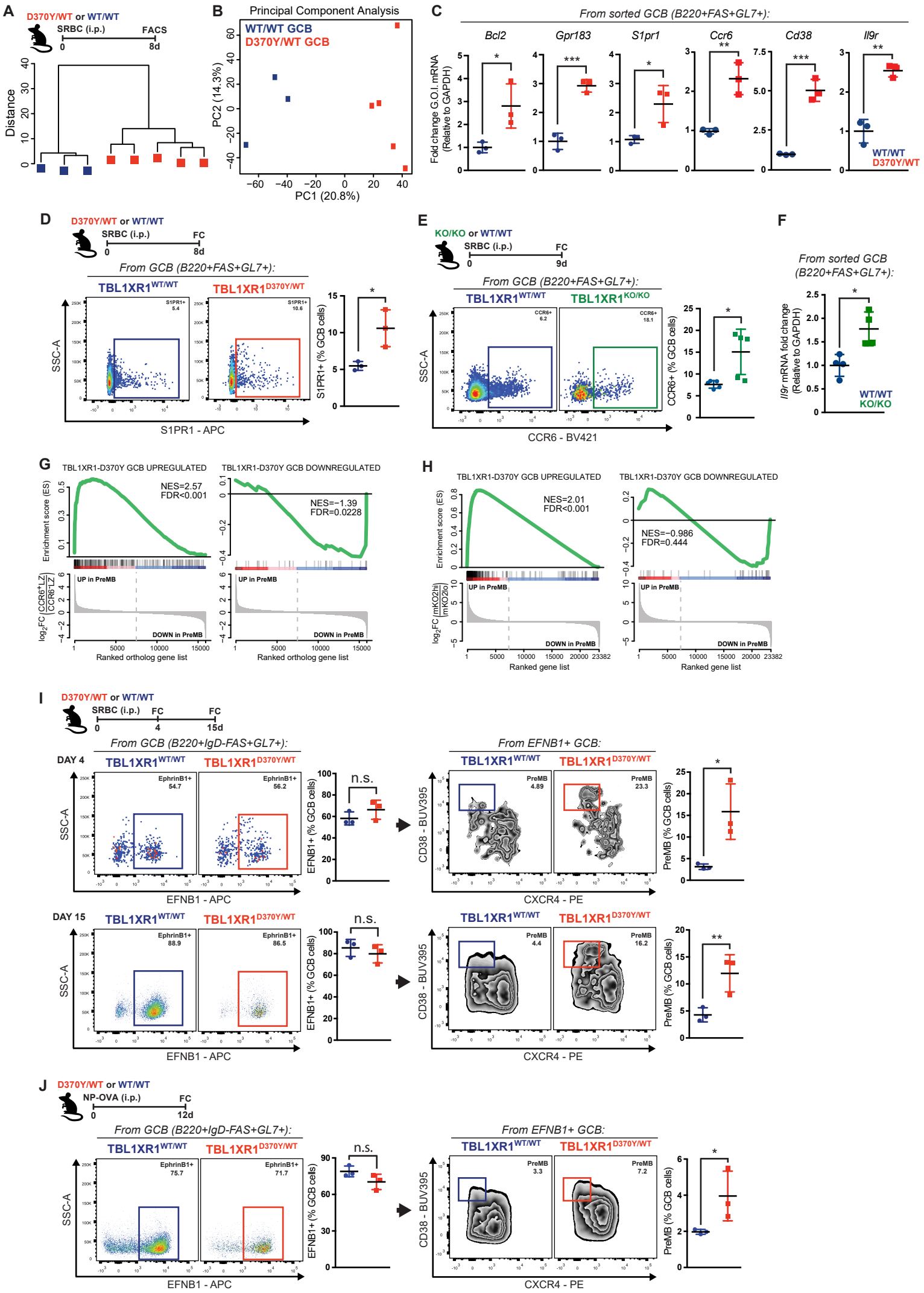
FIGURE S3


A
D370Y/WT or WT/WT
SRBC (i.p.)
FACS
0
8d
Distance
B
Principal Component Analysis
WT/WT GCB
D370Y/WT GCB
PC2 (14.3%)
PC1 (20.8%)
C
From sorted GCB (B220+FAS+GL7+):
Bcl2
Gpr183
S1pr1
Ccr6
Cd38
Il9r
Fold change G.O.I. mRNA (Relative to GAPDH)
WT/WT
D370Y/WT
D
D370Y/WT or WT/WT
SRBC (i.p.)
FC
0
8d
From GCB (B220+FAS+GL7+):
TBL1XR1WT/WT
TBL1XR1D370Y/WT
S1PR1+ 5.4
S1PR1+ 10.6
SSC-A
S1PR1 - APC
S1PR1+ (% GCB cells)
E
KO/KO or WT/WT
SRBC (i.p.)
FC
0
9d
From GCB (B220+FAS+GL7+):
TBL1XR1WT/WT
TBL1XR1KO/KO
CCR6+ 6.2
CCR6+ 18.1
SSC-A
CCR6 - BV421
CCR6+ (% GCB cells)
F
From sorted GCB (B220+FAS+GL7+):
Il9r mRNA fold change (Relative to GAPDH)
WT/WT
KO/KO
G
TBL1XR1-D370Y GCB UPREGULATED
TBL1XR1-D370Y GCB DOWNREGULATED
NES=2.57
FDR<0.001
NES=−1.39
FDR=0.0228
Enrichment score (ES)
UP in PreMB
DOWN in PreMB
Ranked ortholog gene list
H
TBL1XR1-D370Y GCB UPREGULATED
TBL1XR1-D370Y GCB DOWNREGULATED
NES=2.01
FDR<0.001
NES=−0.986
FDR=0.444
Enrichment score (ES)
UP in PreMB
DOWN in PreMB
Ranked gene list
I
D370Y/WT or WT/WT
SRBC (i.p.)
FC
FC
0
4
15d
From GCB (B220+IgD-FAS+GL7+):
From EFNB1+ GCB:
DAY 4
TBL1XR1WT/WT
TBL1XR1D370Y/WT
EphrinB1+ 54.7
EphrinB1+ 56.2
SSC-A
EFNB1 - APC
EFNB1+ (% GCB cells)
n.s.
PreMB 4.89
PreMB 23.3
CD38 - BUV395
CXCR4 - PE
PreMB (% GCB cells)
DAY 15
EphrinB1+ 88.9
EphrinB1+ 86.5
PreMB 4.4
PreMB 16.2
J
D370Y/WT or WT/WT
NP-OVA (i.p.)
FC
0
12d
From GCB (B220+IgD-FAS+GL7+):
From EFNB1+ GCB:
TBL1XR1WT/WT
TBL1XR1D370Y/WT
EphrinB1+ 75.7
EphrinB1+ 71.7
PreMB 3.3
PreMB 7.2