Figure S1

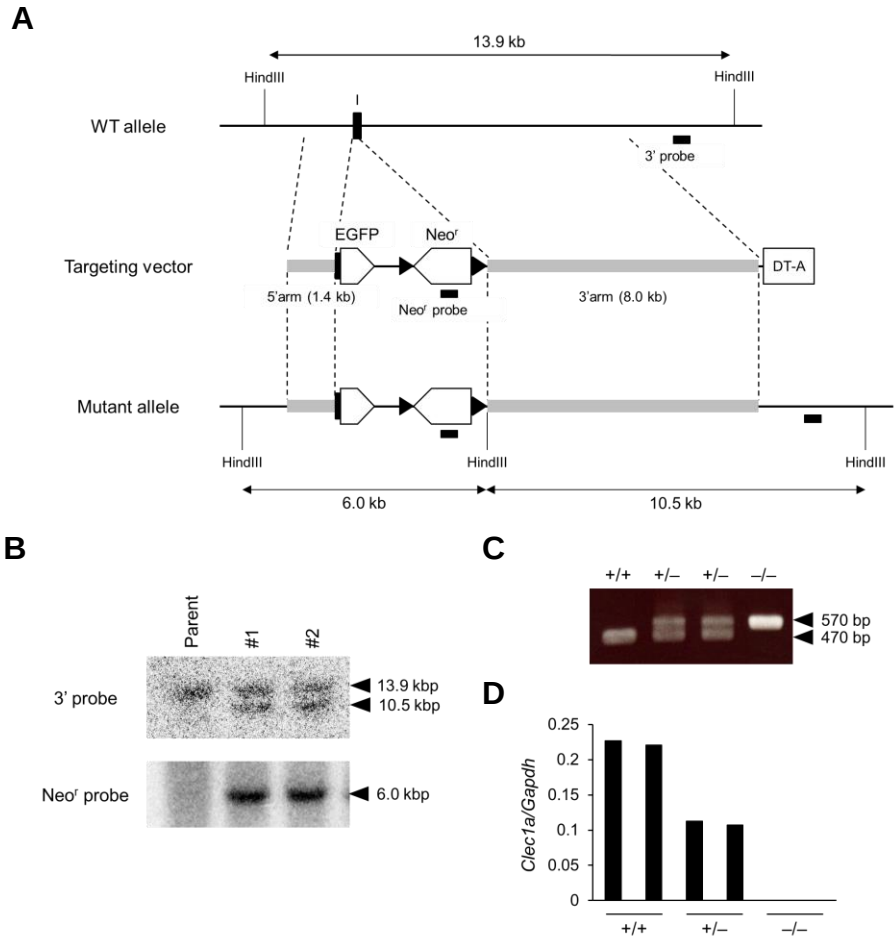

A
13.9 kb
HindIII
HindIII
WT allele
3' probe
EGFP
Neo^r
Targeting vector
DT-A
5'arm (1.4 kb)
Neo^r probe
3'arm (8.0 kb)
Mutant allele
HindIII
HindIII
HindIII
6.0 kb
10.5 kb
B
Parent
#1
#2
3' probe
13.9 kbp
10.5 kbp
Neo^r probe
6.0 kbp
C
+/+
+/–
+/–
–/–
570 bp
470 bp
D
Clec1a/Gapdh
0.25
0.2
0.15
0.1
0.05
0
+/+
+/–
–/–

Figure S2

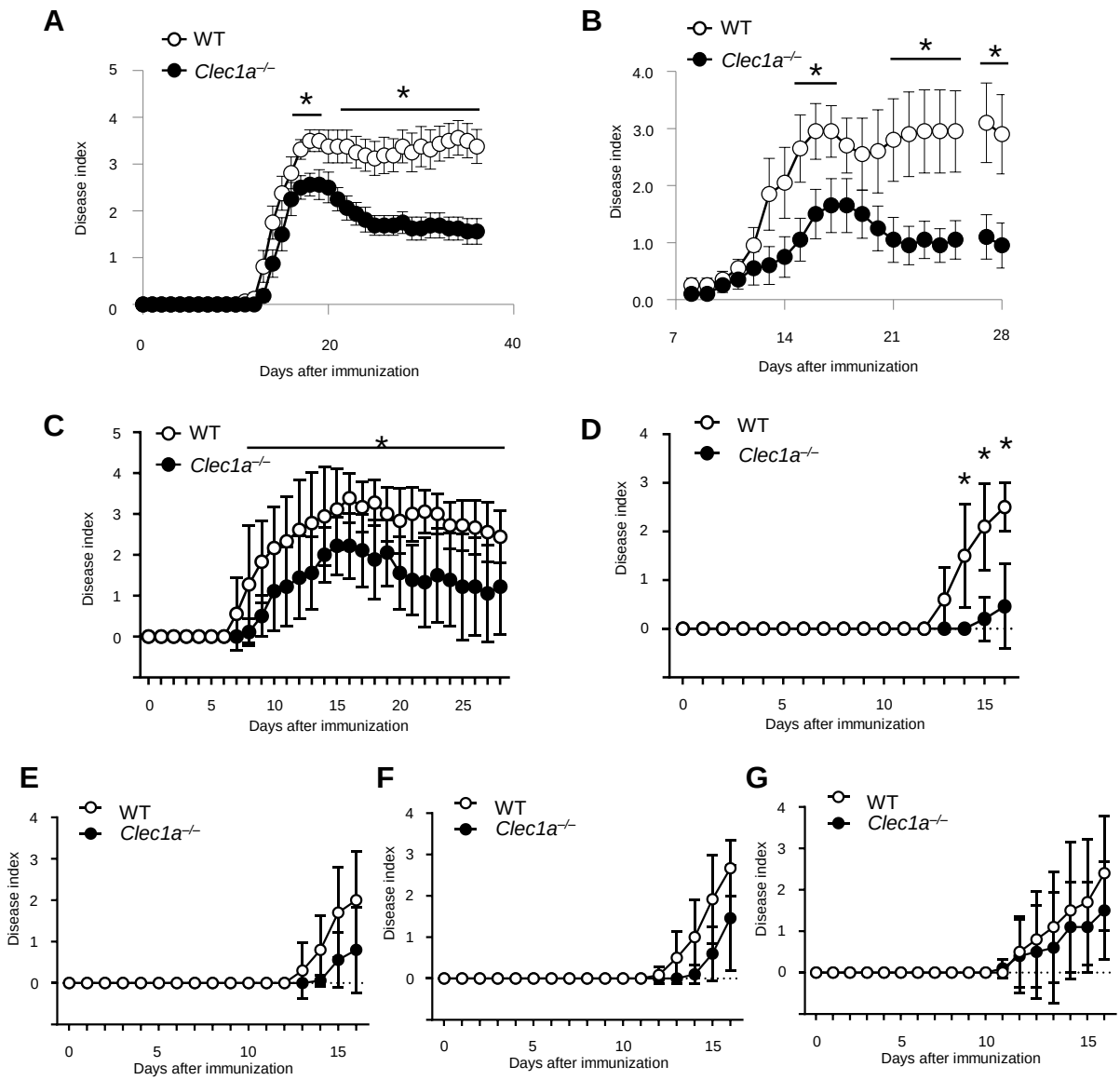

A
WT
Clec1a−/−
Disease index
Days after immunization
B
WT
Clec1a−/−
Disease index
Days after immunization
C
WT
Clec1a−/−
Disease index
Days after immunization
D
WT
Clec1a−/−
Disease index
Days after immunization
E
WT
Clec1a−/−
Disease index
Days after immunization
F
WT
Clec1a−/−
Disease index
Days after immunization
G
WT
Clec1a−/−
Disease index
Days after immunization

Figure S3

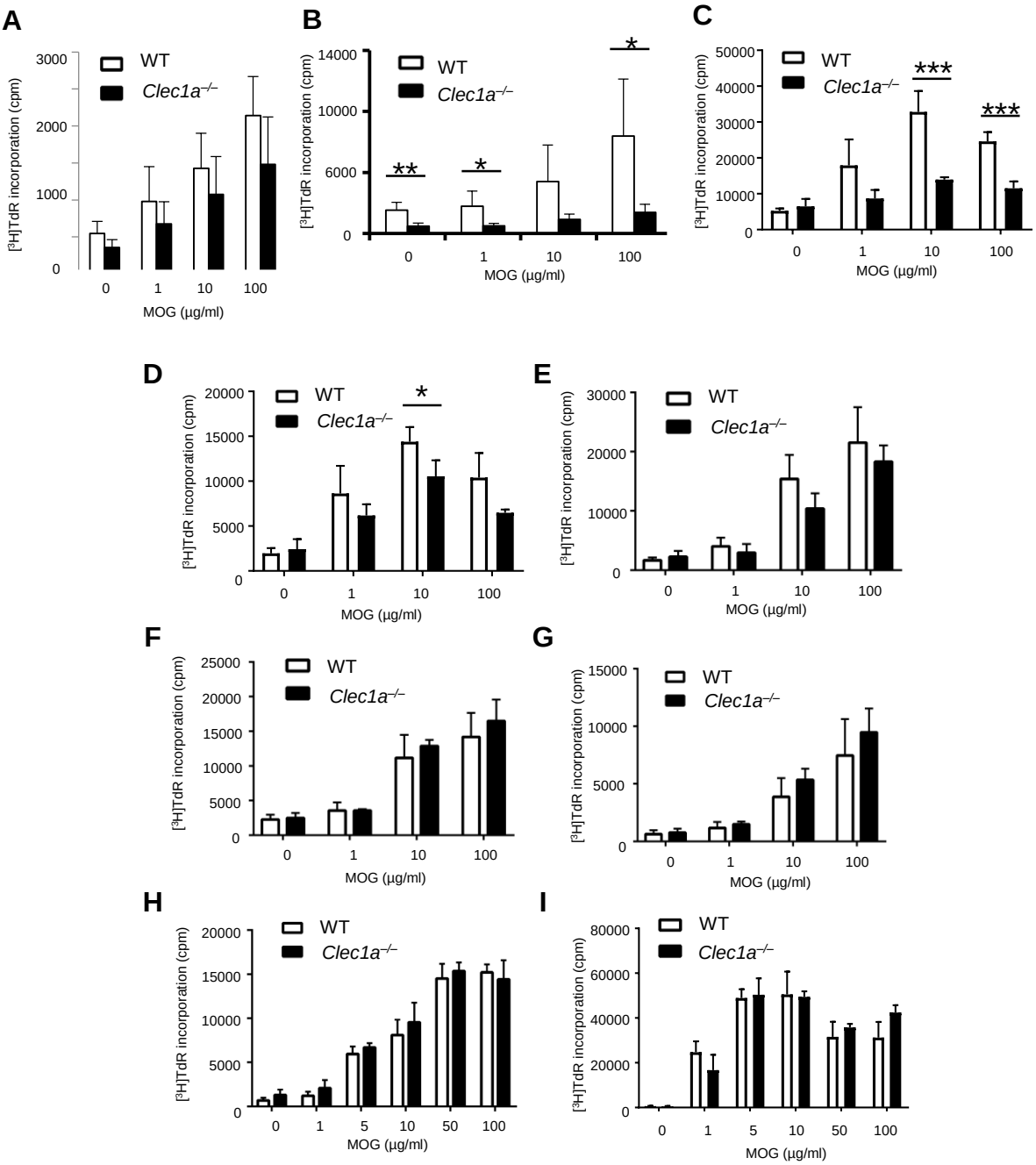

A
B
C
D
E
F
G
H
I
WT
Clec1a−/−
[3H]TdR incorporation (cpm)
MOG (µg/ml)
0
1
5
10
50
100
*
**
***

Figure S4

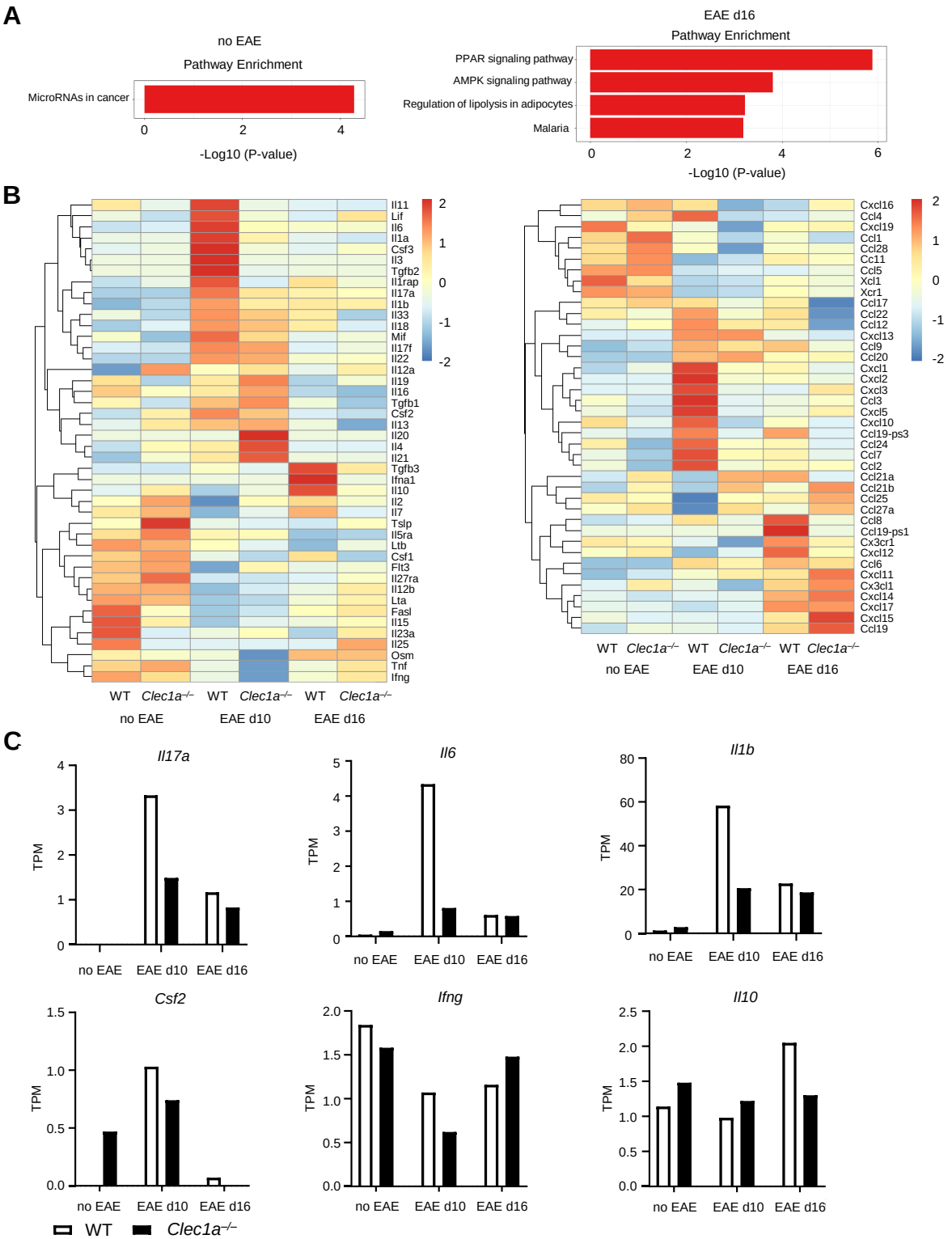
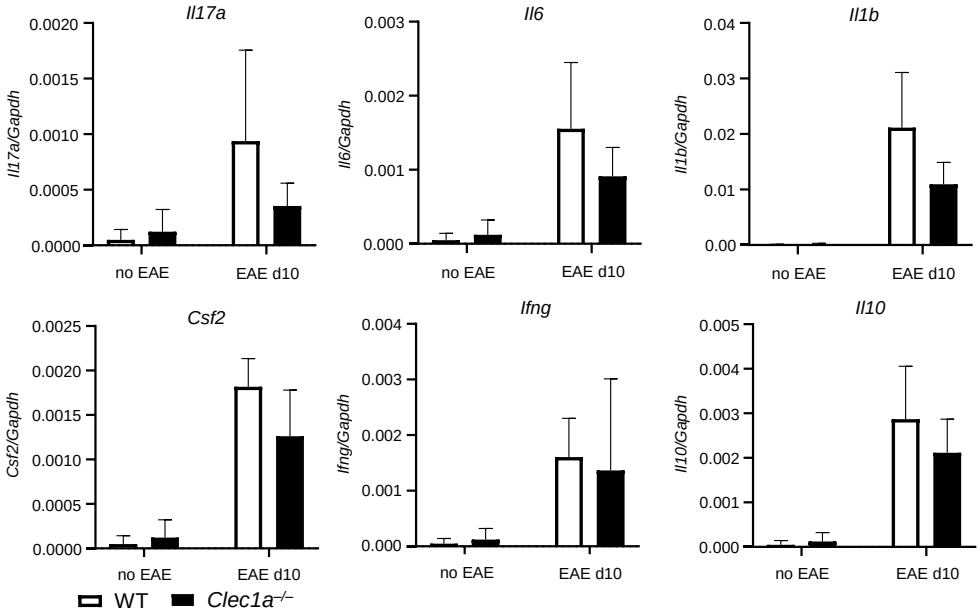

A
no EAE
Pathway Enrichment
MicroRNAs in cancer
0
2
4
-Log10 (P-value)
EAE d16
Pathway Enrichment
PPAR signaling pathway
AMPK signaling pathway
Regulation of lipolysis in adipocytes
Malaria
0
2
4
6
-Log10 (P-value)
B
Il11
Lif
Il6
Il1a
Csf3
Il3
Tgfb2
Il1rap
Il17a
Il1b
Il33
Il18
Mif
Il17f
Il22
Il12a
Il19
Il16
Tgfb1
Csf2
Il13
Il20
Il4
Il21
Tgfb3
Ifna1
Il10
Il2
Il7
Tslp
Il5ra
Ltb
Csf1
Flt3
Il27ra
Il12b
Lta
Fasl
Il15
Il23a
Il25
Osm
Tnf
Ifng
2
1
0
-1
-2
WT
Clec1a−/−
WT
Clec1a−/−
WT
Clec1a−/−
no EAE
EAE d10
EAE d16
Cxcl16
Ccl4
Cxcl19
Ccl1
Ccl28
Cc11
Ccl5
Xcl1
Xcr1
Ccl17
Ccl22
Ccl12
Cxcl13
Ccl9
Ccl20
Cxcl1
Cxcl2
Cxcl3
Ccl3
Cxcl5
Cxcl10
Ccl19-ps3
Ccl24
Ccl7
Ccl2
Ccl21a
Ccl21b
Ccl25
Ccl27a
Ccl8
Ccl19-ps1
Cx3cr1
Cxcl12
Ccl6
Cxcl11
Cx3cl1
Cxcl14
Cxcl17
Cxcl15
Ccl19
2
1
0
-1
-2
WT
Clec1a−/−
WT
Clec1a−/−
WT
Clec1a−/−
no EAE
EAE d10
EAE d16
C
Il17a
TPM
no EAE
EAE d10
EAE d16
Il6
TPM
no EAE
EAE d10
EAE d16
Il1b
TPM
no EAE
EAE d10
EAE d16
Csf2
TPM
no EAE
EAE d10
EAE d16
Ifng
TPM
no EAE
EAE d10
EAE d16
Il10
TPM
no EAE
EAE d10
EAE d16
WT
Clec1a−/−

Figure S5


Il17a
Il17a/Gapdh
0.0020
0.0015
0.0010
0.0005
0.0000
no EAE
EAE d10
Il6
Il6/Gapdh
0.003
0.002
0.001
0.000
no EAE
EAE d10
Il1b
Il1b/Gapdh
0.04
0.03
0.02
0.01
0.00
no EAE
EAE d10
Csf2
Csf2/Gapdh
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
no EAE
EAE d10
Ifng
Ifng/Gapdh
0.004
0.003
0.002
0.001
0.000
no EAE
EAE d10
Il10
Il10/Gapdh
0.005
0.004
0.003
0.002
0.001
0.000
no EAE
EAE d10
WT
Clec1a−/−