S2-figure

GWAS: rs635634/SURF6
eQTL: rs635634/SURF6 in Monocytes
eQTL: rs635634/SURF6 in B−cells
GWAS: rs495828/SURF6
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr9 (Mb)
Position on chr9 (Mb)-fi
rs635634
rs495828
r2
0.8
0.6
0.4
0.2
CELP
RALGDS
GBGT1
OBP2B
ABO
SURF6
MED22
RPL7A
SNORD24
SNORD36B
SNORD36A
SNORD36C
SURF1
SURF2
SURF4
STKLD1
REXO4
ADAMTS13
CACFD1
SLC2A6
TMEM8C
ADAMTSL2

S2-figure

eQTL: rs495828/SURF6 in Monocytes
eQTL: rs495828/SURF6 in B−cells
GWAS: rs4810479/PLTP
eQTL: rs4810479/PLTP in B−cells
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr9 (Mb)
Position on chr20 (Mb)
rs495828
rs4810479
r2
0.8
0.6
0.4
0.2
RALGDS
GBGT1
OBP2B
ABO
SURF6
MED22
RPL7A
SNORD24
SNORD36B
SNORD36A
SNORD36C
SURF1
SURF2
SURF4
STKLD1
REXO4
ADAMTS13
CACFD1
SLC2A6
TMEM8C
ADAMTSL2
SPINT4
WFDC3
TNNC2
ZSWIM3
PLTP
PCIF1
MMP9
NCOA5
DNTTIP1
ACOT8
NEURL2
ZNF335
SLC12A5
UBE2C
ZSWIM1
SNX21
SPATA25
CTSA
WFDC10B
WFDC13
NEURL2

S2-figure

eQTL: rs4810479/PLTP in Liver
GWAS: rs4810479/PCIF1
eQTL: rs4810479/PCIF1 in Monocytes+IFN
GWAS: rs4810479/ACOT8
rs4810479
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr20 (Mb)
r2
0.8
0.6
0.4
0.2
WFDC10B
WFDC13
SPINT4
WFDC3
DNTTIP1
UBE2C
TNNC2
ACOT8
SNX21
ZSWIM3
ZSWIM1
CTSA
SPATA25
PCIF1
NEURL2
ZNF335
PLTP
MMP9
SLC12A5
NCOA5
CD40

S2-figure

eQTL: rs4810479/ACOT8 in Monocytes+IFN
Recombination rate (cM/Mb)
−log10(p−value)
rs4810479
r2
0.8
0.6
0.4
0.2
WFDC11
WFDC10B
SPINT4
WFDC13
WFDC3
DNTTIP1
TNNC2
UBE2C
ACOT8
ZSWIM3
CTSA
ZSWIM1
SNX21
SP4TA25
NEURL2
PILTP
PCIF1
ZNF335
MMP9
SLC12A5
Position on chr20 (Mb)

GWAS: rs35166255/RPUSD4
Recombination rate (cM/Mb)
−log10(p−value)
rs35166255
r2
0.8
0.6
0.4
0.2
FAM118B
SRPR
FOXRED1
TIRAP
DCPS
ST3GAL4-AS1
ST3GAL4
KIRREL3
Position on chr11 (Mb)

eQTL: rs35166255/RPUSD4 in Monocytes+IFN
Recombination rate (cM/Mb)
−log10(p−value)
rs35166255
r2
0.8
0.6
0.4
0.2
PUS3
DDX25
CDON
RPUSD4
SRPR
FAM118B
FOXRED1
TIRAP
DCPS
ST3GAL4-AS1
ST3GAL4
KIRREL3
Position on chr11 (Mb)

GWAS: rs200373/IFI30
Recombination rate (cM/Mb)
−log10(p−value)
rs200373
r2
0.8
0.6
0.4
0.2
KCNN1
ARRDC2
IL12RB1
MAST3
PIK3R2
IFI30
RAB3A
MPV17L2
LOC729966
PDE4C
KIAA1683
JUND
MIR3188
LSM4
PGPEP1
Position on chr19 (Mb)

S2-figure

eQTL: rs200373/IFI30 in Monocytes+LPS
Recombination rate (cM/Mb)
−log10(p−value)
rs200373
r2
0.8
0.6
0.4
0.2
KCNN1
ARRDC2
IL12RB1
MAST3
PIK3R2
IFI30
RAB3A
MPV17L2
LOC729966
PDE4C
KIAA1683
JUND
MIR3188
LSM4
PGPEP1
Position on chr19 (Mb)

eQTL: rs200373/IFI30 in Monocytes+LPS
Recombination rate (cM/Mb)
−log10(p−value)
rs200373
r2
0.8
0.6
0.4
0.2
KCNN1
ARRDC2
IL12RB1
MAST3
PIK3R2
IFI30
RAB3A
MPV17L2
LOC729966
PDE4C
KIAA1683
JUND
MIR3188
LSM4
PGPEP1
Position on chr19 (Mb)

eQTL: rs200373/IFI30 in Monocytes+IFN
Recombination rate (cM/Mb)
−log10(p−value)
rs200373
r2
0.8
0.6
0.4
0.2
KCNN1
ARRDC2
IL12RB1
MAST3
PIK3R2
IFI30
RAB3A
MPV17L2
LOC729966
PDE4C
KIAA1683
JUND
MIR3188
LSM4
PGPEP1
Position on chr19 (Mb)

GWAS: rs140000161/PRG2
Recombination rate (cM/Mb)
−log10(p−value)
rs140000161
r2
0.8
0.6
0.4
0.2
APLNR
TNKS1BP1
SSRP1
P2RX3
PRG3
PRG2
SLC43A3
RTN4RL2
SLC43A1
TIMM10
SMTNL1
SERPING1
UBE2L6
Position on chr11 (Mb)

S2-figure

eQTL: rs140000161/PRG2 in Monocytes+IFN
Recombination rate (cM/Mb)
rs140000161
−log10(p−value)
Position on chr11 (Mb)

GWAS: rs1260326/KRTCAP3
Recombination rate (cM/Mb)
rs1260326
−log10(p−value)
Position on chr2 (Mb)

eQTL: rs1260326/KRTCAP3 in B−cells
Recombination rate (cM/Mb)
rs1260326
−log10(p−value)
Position on chr2 (Mb)

GWAS: rs12469459/D2HGDH
Recombination rate (cM/Mb)
rs12469459
−log10(p−value)
Position on chr2 (Mb)

S2-figure

eQTL: rs12469459/D2HGDH in Monocytes
GWAS: rs1169306/C12orf43
eQTL: rs1169306/C12orf43 in Monocytes+LPS
eQTL: rs1169306/C12orf43 in Monocytes+LPS
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr2 (Mb)
Position on chr12 (Mb)
rs12469459
rs1169306
r2
0.8
0.6
0.4
0.2
BOK-AS1
BOK
THAP4
ATG4B
DTYMK
ING5
D2HGDH
GAL3ST2
NEU4
PDCD1
RTP5
LINC01237
SPPL3
HNF1A-AS1
HNF1A
C12orf43
OASL
P2RX7
P2RX4

S2-figure

eQTL: rs1169306/C12orf43 in Monocytes+IFN
eQTL: rs1169306/C12orf43 in Monocytes
eQTL: rs1169306/C12orf43 in B−cells
GWAS: rs11599750/CWF19L1
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr12 (Mb)
Position on chr10 (Mb)
r2
0.8
0.6
0.4
0.2
rs1169306
rs11599750
SPPL3
HNF1A−AS1
HNF1A
C12orf43
OASL
P2RX7
P2RX4
ABCC2
DNMBP−AS1
DNMBP
CPN1
ERLIN1
CHUK
CWF19L1
SNORA12

S2-figure

eQTL: rs11599750/CWF19L1 in Monocytes+LPS
eQTL: rs11599750/CWF19L1 in Monocytes
eQTL: rs11599750/CWF19L1 in Liver
eQTL: rs11599750/CWF19L1 in Heart
Recombination rate (cM/Mb)
−log10(p−value)
Position on chr10 (Mb)
r2
0.8
0.6
0.4
0.2
11599750
CPN1
ERLIN1
CHUK
CWF19L1
SNORA12
BLOC1S2
PKD2L1
SCD
LINC00263
WNT8B