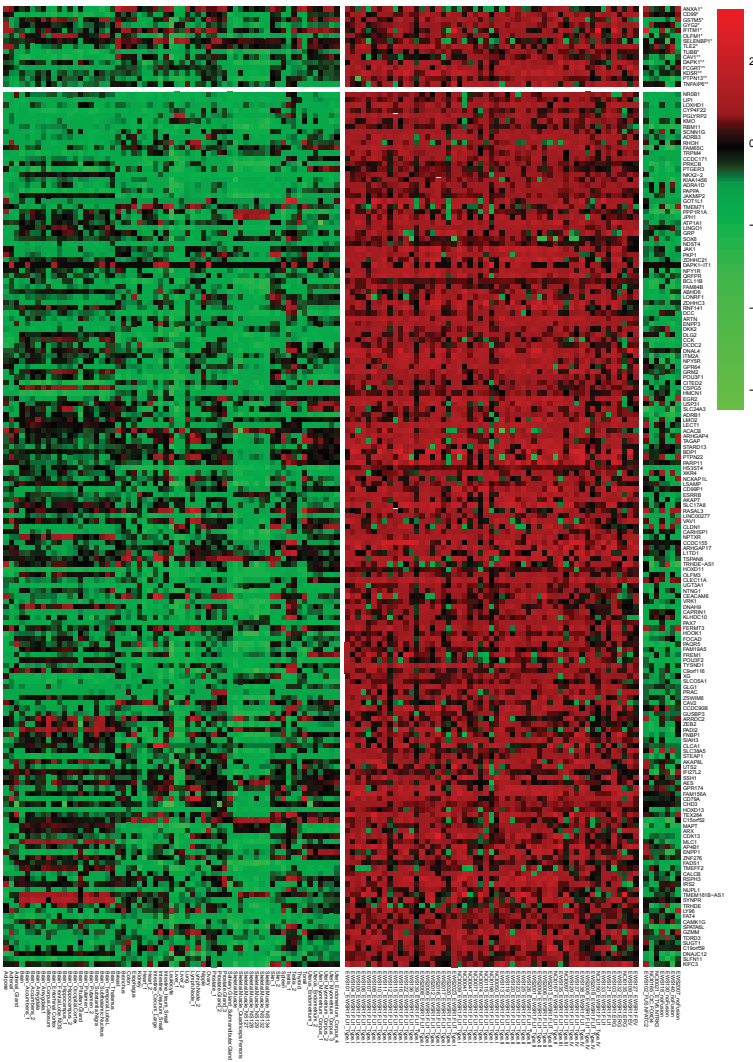
ANXA1*
CD55*
GBTM3*
GYG2*
IFITM1*
IL1RAP*
SELENBP1*
TLE3*
TUBB*
CAV1**
FCGR1**
FCGRT**
KCNS3**
PTPN13**
TNFAIP8**
NR3C1*
LDX
PDGFRD
CYP4F22
PGLYRP2
KMO
RBM11
SLC16A3
ADRB3
RHOH
TMEM45A
TRPM4
CCDC173
PRKCB
PTGER3
ZNF521
KIAA1456
ADRA1D
BMX
GNG8
GOLT1L
TMEM71
PPP1R1A
ITK
ATP1A1
LINGO1
GRIP
SCN5A
ADCY4
JAK1
PKP1
ZNF521
DAPK1-IT1
NPY1R
QRFPR
BCL11B
ANXA2R
ABHD6
LONRF1
ZDHHC3
RNF141
ITK
ARTN
ENPP3
DLX2
DLG2
CCK
DCDC2
DNAL4
NPTXR
NPY5R
GPR64
PCDH7
FOLR1
C1TED2
CSPG5
HMCN1
ITGA1
LSS1
SLC24A3
ADRB1
LRCH1
ACACB
ABHDA4P4
ITGA1
STARD13
BDP1
PTPN22
RNF111
ZNF804A
MXRA
NCKAP1L
ARHGAP15
CCNB1
ESRRB
AKAP7
SLC17A8
ZNF521
LINC00277
VAV1
CLEC1B
GPR65P1
NPTXR
CCDC155
ARHGAP17
ITK
TSPAN8
TRNDE-AS1
HCN2-1
OLFM3
ADAMTS1
LOC7541
NTNG1
ARHGAP46
GBA2
DNAH9
CAPRIN1
KLHDC10
ITK
FERMT3
HOOK1
RGS2
FCGR3B
FAM19A5
FBLN1
FOLR2
PLEKHG1
C9orf116
XG
SLC05A1
GLG1
ITGB2
ZSWIM6
CAV2
CCDC39B
GOSBP2
SLC2A3
ZEB2
PADI2
PLAUR
GAN1
CLCA1
STEAP4
ARAP3
AKAP6
LIT12
IFI27L2
ITK
AES
GPR174
FAM19A
CD79A
ITK
HOXD13
TEX264
ARHGAP22
SAMD9
MAP
CDK13
MLLT3
ITGB1
ENPP1
ZNF276
TMEM72
PARD3-2
CALCB
EGFL6
IRS2
ITGA1
TMEM189-AS1
SYNPR
TRHDE
LY96
ITK
CAMK1G
SPATS2L
TCIRG1
TCF25
C19orf59
DNAJC12
ITK
RPTN
RPTN-3
2
0
−2
−4
−6
Tissue
Cell type
Cell subset
Patient
Sex
Age
Race
Ethnicity
Smoking
Pack years
Asthma
Atopy
Allergic rhinitis
Eosinophilia
Blood eosinophil count
Sputum eosinophil count
Sputum neutrophil count
Sputum macrophage count
Sputum lymphocyte count
Sputum epithelial cell count
Sputum squamous cell count
Sputum mucus score
Sputum bacteria
Sputum viral infection
Sputum fungal infection
Sputum mycobacterium infection
Sputum other infection
Sputum culture
Sputum culture organism
Sputum culture organism 2
Sputum culture organism 3
Sputum culture organism 4
Sputum culture organism 5
Sputum culture organism 6
Sputum culture organism 7
Sputum culture organism 8
Sputum culture organism 9
Sputum culture organism 10
Sputum culture organism 11
Sputum culture organism