

Supplementary File

Table S1. Genes deregulated in low-risk vs high-risk discovery set

Genes	Log2 fold change	P-value
CCL13	2.7	0.00
CCL18	3.2	0.00
CCL17	3.3	0.00
CCL26	3.3	0.00
EOMES	2.1	0.00
TAL1	2.1	0.00
KLRG1	1.6	0.00
RRAD	1.9	0.00
CD209	1.2	0.00
IL1RL1	1.4	0.00
CXCR3	1.5	0.00
TREM2	2.1	0.00
TPSAB1	1.2	0.00
CD180	1.9	0.00
MME	1.9	0.00
CCR2	1.3	0.00
ITGAM	1.1	0.00
GZMK	1.6	0.00
EGR2	0.9	0.00
IL2RA	-1.3	0.00
CR1	1.5	0.00
BTK	0.8	0.00
CTSG	0.9	0.00
GZMH	1.5	0.00
IL22RA2	1.5	0.00
COLEC12	0.6	0.01
CDH5	0.7	0.01
STAT4	1.0	0.01
CD8B	1.2	0.01
CD8A	1.2	0.01
BID	1.0	0.01
IFNAR1	0.6	0.01
NFATC4	0.6	0.01
PDGFC	0.7	0.01
ST6GAL1	0.7	0.01
CLEC4A	0.8	0.01
CFI	0.9	0.01

F13A1	1.0	0.01
PPARG	1.1	0.01
CSF2	1.6	0.01
IL13	1.8	0.01
C3AR1	0.9	0.01

Table S2. Genes deregulated in low-risk vs high-risk validation set

Genes	Log2 fold change	P-value
CCL13	3.16	0.00
CD209	2.37	0.00
IL23A	-1.79	0.00
CD63	0.81	0.00
CCL26	4.10	0.00
CSF2	3.77	0.00
CD59	1.05	0.00
PPARG	2.30	0.00
CLEC4A	1.57	0.00
CD36	1.93	0.00
NRP1	0.91	0.00
F13A1	1.53	0.00
BCL10	0.44	0.00
CD1A	2.40	0.00
LAMP2	0.71	0.00
TNFSF12	0.70	0.00
LTF	3.30	0.00
IL1R2	1.56	0.00
CD207	2.61	0.00
TBK1	0.51	0.00
IL13RA1	0.63	0.00
CXCL12	2.04	0.00
JAM3	0.89	0.00
VEGFA	1.22	0.00
CMA1	1.95	0.00
SAA1	2.71	0.00
TARP	-2.20	0.00
TNFRSF11A	1.96	0.00
CARD9	1.39	0.00
CD276	0.81	0.00
PRKCE	1.27	0.00
CTSG	1.73	0.00
BCL6	0.82	0.00

NOD1	0.73	0.00
CCL17	2.96	0.00
CD27	-1.69	0.00
CCL18	2.13	0.00
CD33	0.97	0.00
CD244	2.35	0.00
CDH5	1.08	0.00
CD247	-1.58	0.00
TIRAP	0.59	0.00
DEFB1	1.43	0.00
MRC1	1.23	0.00
IFIT2	1.54	0.00
FUT7	1.56	0.00
C1R	0.99	0.00
IL1RAP	0.95	0.00
COL3A1	1.49	0.00
IL1R1	0.79	0.00
TXNIP	0.75	0.00
LRP1	1.07	0.00
MFGE8	0.82	0.00
NCF4	0.86	0.00
RRAD	1.15	0.00
MAF	0.86	0.00
PRAME	-2.14	0.00
TPSAB1	1.38	0.00
TANK	0.50	0.00
HLA-DRB3	0.87	0.00
CCL14	1.17	0.00
ITGB3	1.24	0.00
ETS1	-0.88	0.00
MICA	0.65	0.00
KLRG1	-1.74	0.00
CXCL1	1.90	0.00
PDGFRB	0.95	0.00
CFD	1.82	0.00
HLA-DMA	0.64	0.00
FCER1A	1.84	0.00
S100B	1.54	0.00
FOXP3	1.53	0.00
IGF1R	0.75	0.00
APP	0.71	0.00
LGALS3	1.03	0.00
CXCR6	1.60	0.00
CD70	-1.59	0.00

MAP4K2	-0.59	0.00
ITGA1	1.06	0.00
ANXA1	0.77	0.00
TNFSF10	0.66	0.00
SERPING1	0.87	0.00
TCF7	-1.41	0.00
SBNO2	0.58	0.00
CD1E	1.53	0.00
CD1C	1.40	0.00
IL15RA	0.59	0.00
PLAU	0.74	0.00
BST1	0.85	0.00
KIT	1.42	0.00
IL1RL2	1.26	0.00
AXL	0.83	0.00
CSF1	0.91	0.00
BIRC5	-1.03	0.00
PDCD1LG2	1.01	0.00
ITGAM	0.92	0.00
GZMB	1.92	0.00
CDKN1A	0.71	0.00
CD3EAP	-0.52	0.00
CD1B	1.81	0.00
BTLA	-1.26	0.00
BCL2L1	0.38	0.00
CCL22	1.28	0.00
ITGB4	1.09	0.00
NFATC1	-0.57	0.00
PECAM1	0.56	0.00
KLRD1	-1.16	0.00
IL11RA	0.59	0.00
TRAF6	0.45	0.00
IL6ST	0.40	0.01
NOD2	0.77	0.01
FAS	0.72	0.01
THBD	0.66	0.01
PSEN2	0.61	0.01
FCER1G	0.82	0.01
IL34	0.87	0.01
LAMP1	0.44	0.01
NFATC4	0.64	0.01
EPCAM	-1.39	0.01
CD34	0.87	0.01
C1S	0.79	0.01

LAIR2	-1.00	0.01
NFATC3	-0.50	0.01
CXCR2	0.85	0.01
CD9	0.92	0.01
CEBPB	0.70	0.01
FCGR2B	0.94	0.01
JAK2	0.44	0.01
LILRA1	-1.00	0.01
LAMP3	0.82	0.01
TLR6	0.50	0.01
SIGLEC1	0.81	0.01
LCK	-0.74	0.01
CD5	-1.05	0.01
SIGIRR	-0.69	0.01
ENG	0.58	0.01
CD274	1.05	0.01
SERPINB2	1.43	0.01
RORC	1.63	0.01
LTA	-1.11	0.01
MAP3K5	0.43	0.01
ITGA2	0.82	0.01
IL12RB2	1.49	0.01
CTSW	1.64	0.01
C2	0.63	0.01
CD40	0.52	0.01
ITGA5	0.45	0.01
THY1	0.58	0.01
TAPBP	0.42	0.01
CCL2	0.75	0.01
CD28	-1.07	0.01
CD44	0.48	0.01
CSF1R	0.65	0.01
MME	1.06	0.01
TLR5	0.78	0.01
STAT4	1.01	0.01
UBC	0.39	0.01
CEACAM6	1.26	0.01
CREB5	0.77	0.01
IL16	-0.59	0.01
ICAM2	-0.50	0.01
PRKCD	0.35	0.01
CD81	0.42	0.01
NLRP3	0.70	0.01
FCGR2A	0.76	0.01

CYFIP2	-0.61	0.01
CD80	1.09	0.01
IL2RG	-0.74	0.01
IL1RN	0.97	0.01
LTBR	0.56	0.01
CCL1	2.22	0.01
IFIH1	0.50	0.01