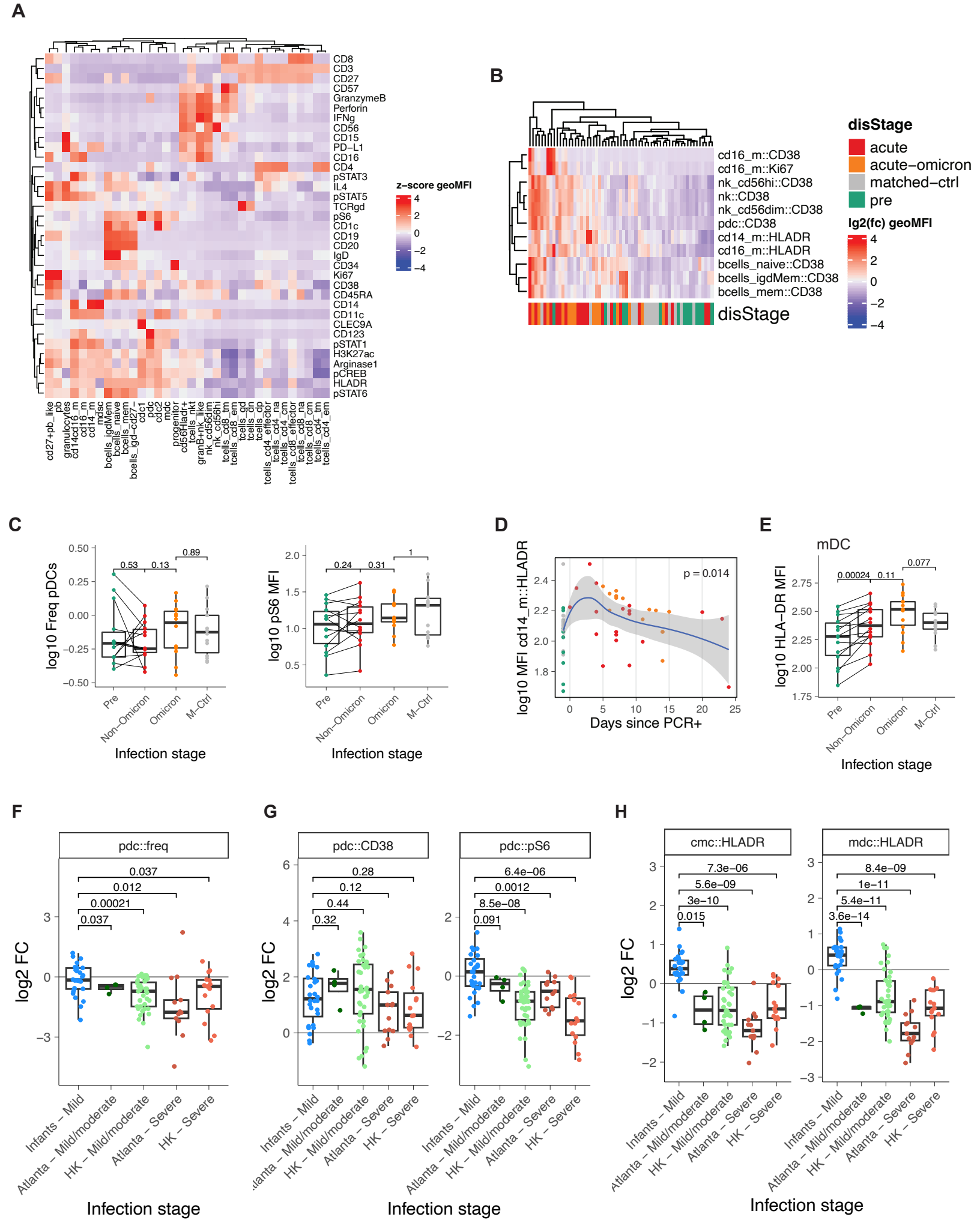
A
CD8
CD3
CD27
CD57
GranzymeB
Perforin
IFNg
CD56
CD15
PD−L1
CD16
CD4
pSTAT3
IL4
pSTAT5
TCRgd
pS6
CD1c
CD19
CD20
IgD
CD34
Ki67
CD38
CD45RA
CD14
CD11c
CLEC9A
CD123
pSTAT1
H3K27ac
Arginase1
pCREB
HLADR
pSTAT6
z−score geoMFI
4
2
0
−2
−4
cd27+pb_like
pb
granulocytes
cd14cd16_m
cd16_m
cd14_m
mdsc
bcells_igdMem
bcells_naive
bcells_mem
bcells_igd−cd27−
cdc1
pdc
cdc2
mdc
progenitor
cd56hladr+
tcells_nkt
granB+nk_like
nk_cd56dim
nk_cd56hi
tcells_cd8_tm
tcells_cd8_em
tcells_gd
tcells_dp
tcells_cd4_effector
tcells_cd4_na
tcells_cd4_cm
tcells_cd8_effector
tcells_cd8_na
tcells_cd8_cm
tcells_cd4_tm
tcells_cd4_em
B
cd16_m::CD38
cd16_m::Ki67
nk_cd56hi::CD38
nk::CD38
nk_cd56dim::CD38
pdc::CD38
cd14_m::HLADR
cd16_m::HLADR
bcells_naive::CD38
bcells_igdMem::CD38
bcells_mem::CD38
disStage
disStage
acute
acute−omicron
matched−ctrl
pre
lg2(fc) geoMFI
4
2
0
−2
−4
C
log10 Freq pDCs
0.53
0.13
0.89
Pre
Non−Omicron
Omicron
M−Ctrl
Infection stage
log10 pS6 MFI
0.24
0.31
1
Infection stage
D
log10 MFI cd14_m::HLADR
p = 0.014
Days since PCR+
E
mDC
log10 HLA−DR MFI
0.00024
0.11
0.077
Infection stage
F
pdc::freq
log2 FC
0.037
0.012
0.00021
0.037
Infants − Mild
Atlanta − Mild/moderate
HK − Mild/moderate
Atlanta − Severe
HK − Severe
Infection stage
G
pdc::CD38
0.28
0.12
0.44
0.32
pdc::pS6
6.4e−06
0.0012
8.5e−08
0.091
Infection stage
H
cmc::HLADR
7.3e−06
5.6e−09
3e−10
0.015
mdc::HLADR
8.4e−09
1e−11
5.4e−11
3.6e−14
Infection stage