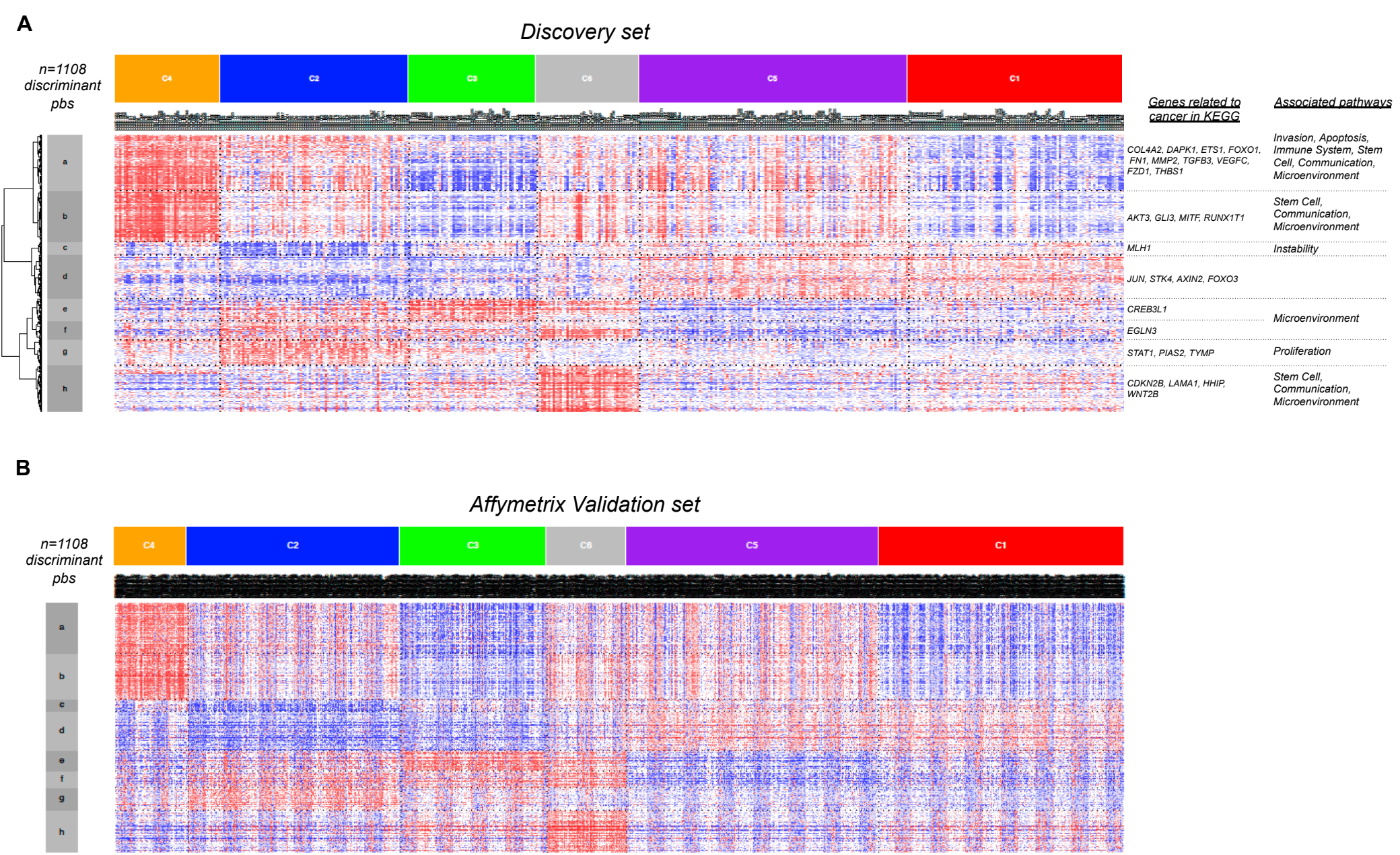
A
Discovery set
n=1108 discriminant pbs
C4
C2
C3
C6
C5
C1
a
b
c
d
e
f
g
h
Genes related to cancer in KEGG
Associated pathways
COL4A2, DAPK1, ETS1, FOXO1, FN1, MMP2, TGFB3, VEGFC, FZD1, THBS1
Invasion, Apoptosis, Immune System, Stem Cell, Communication, Microenvironment
AKT3, GLI3, MITF, RUNX1T1
Stem Cell, Communication, Microenvironment
MLH1
Instability
JUN, STK4, AXIN2, FOXO3
CREB3L1
EGLN3
Microenvironment
STAT1, PIAS2, TYMP
Proliferation
CDKN2B, LAMA1, HHIP, WNT2B
Stem Cell, Communication, Microenvironment
B
Affymetrix Validation set
n=1108 discriminant pbs
C4
C2
C3
C6
C5
C1
a
b
c
d
e
f
g
h

Figure S2