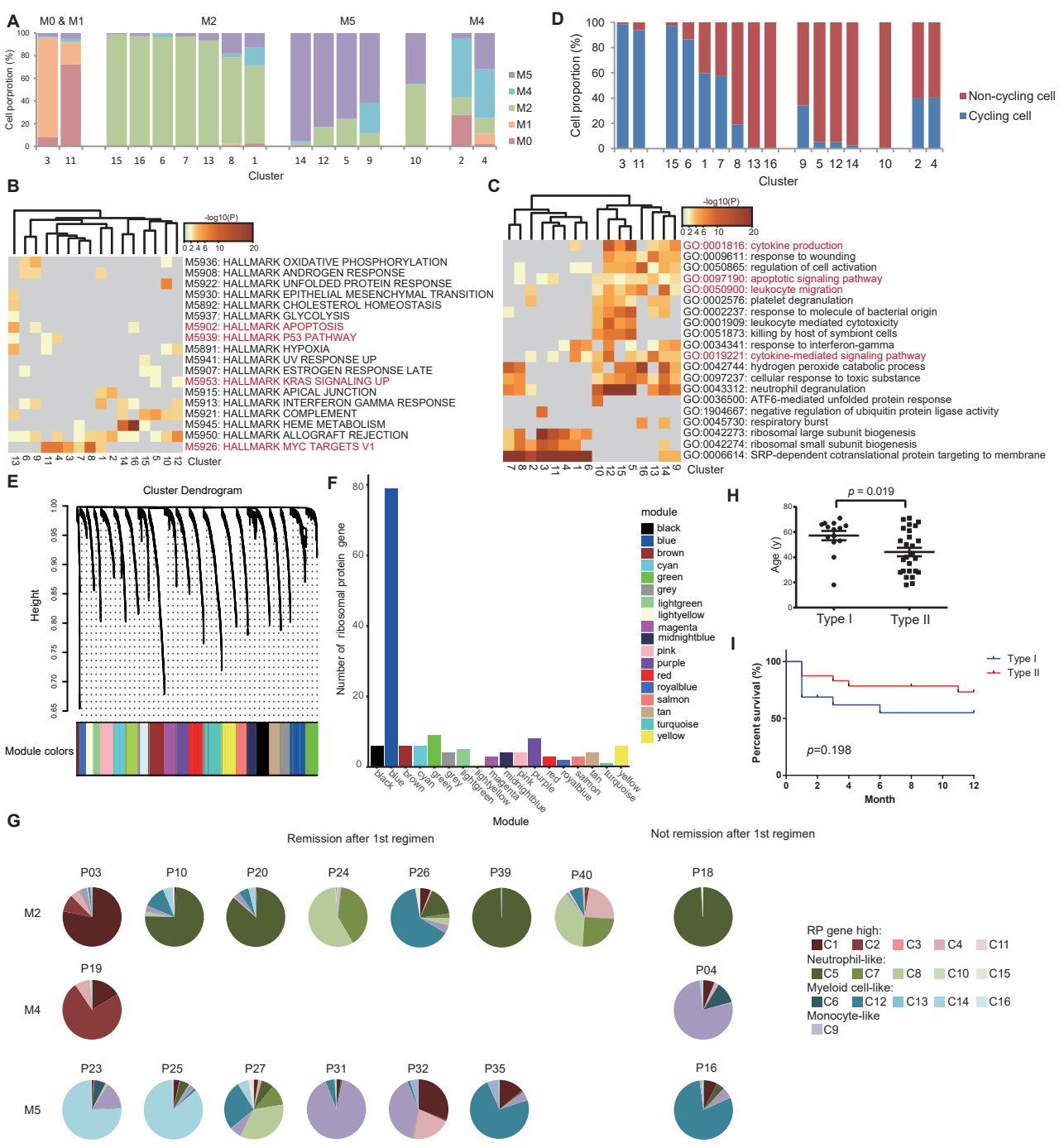
A
M0 & M1
M2
M5
M4
Cell porprotion (%)
Cluster
M5
M4
M2
M1
M0
D
Cell proportion (%)
Cluster
Non-cycling cell
Cycling cell
B
-log10(P)
M5936: HALLMARK OXIDATIVE PHOSPHORYLATION
M5908: HALLMARK ANDROGEN RESPONSE
M5922: HALLMARK UNFOLDED PROTEIN RESPONSE
M5930: HALLMARK EPITHELIAL MESENCHYMAL TRANSITION
M5892: HALLMARK CHOLESTEROL HOMEOSTASIS
M5937: HALLMARK GLYCOLYSIS
M5902: HALLMARK APOPTOSIS
M5939: HALLMARK P53 PATHWAY
M5891: HALLMARK HYPOXIA
M5941: HALLMARK UV RESPONSE UP
M5907: HALLMARK ESTROGEN RESPONSE LATE
M5953: HALLMARK KRAS SIGNALING UP
M5915: HALLMARK APICAL JUNCTION
M5913: HALLMARK INTERFERON GAMMA RESPONSE
M5921: HALLMARK COMPLEMENT
M5945: HALLMARK HEME METABOLISM
M5950: HALLMARK ALLOGRAFT REJECTION
M5926: HALLMARK MYC TARGETS V1
Cluster
C
-log10(P)
GO:0001816: cytokine production
GO:0009611: response to wounding
GO:0050865: regulation of cell activation
GO:0097190: apoptotic signaling pathway
GO:0050900: leukocyte migration
GO:0002576: platelet degranulation
GO:0002237: response to molecule of bacterial origin
GO:0001909: leukocyte mediated cytotoxicity
GO:0051873: killing by host of symbiont cells
GO:0034341: response to interferon-gamma
GO:0019221: cytokine-mediated signaling pathway
GO:0042744: hydrogen peroxide catabolic process
GO:0097237: cellular response to toxic substance
GO:0043312: neutrophil degranulation
GO:0036500: ATF6-mediated unfolded protein response
GO:1904667: negative regulation of ubiquitin protein ligase activity
GO:0045730: respiratory burst
GO:0042273: ribosomal large subunit biogenesis
GO:0042274: ribosomal small subunit biogenesis
GO:0006614: SRP-dependent cotranslational protein targeting to membrane
Cluster
E
Cluster Dendrogram
Height
Module colors
F
Number of ribosomal protein gene
Module
module
black
blue
brown
cyan
green
grey
lightgreen
lightyellow
magenta
midnightblue
pink
purple
red
royalblue
salmon
tan
turquoise
yellow
H
p = 0.019
Age (y)
Type I
Type II
I
Type I
Type II
Percent survival (%)
p=0.198
Month
G
Remission after 1st regimen
Not remission after 1st regimen
P03
P10
P20
P24
P26
P39
P40
P18
M2
P19
P04
M4
P23
P25
P27
P31
P32
P35
P16
M5
RP gene high:
C1
C2
C3
C4
C11
Neutrophil-like:
C5
C7
C8
C10
C15
Myeloid cell-like:
C6
C12
C13
C14
C16
Monocyte-like
C9