Figure 1

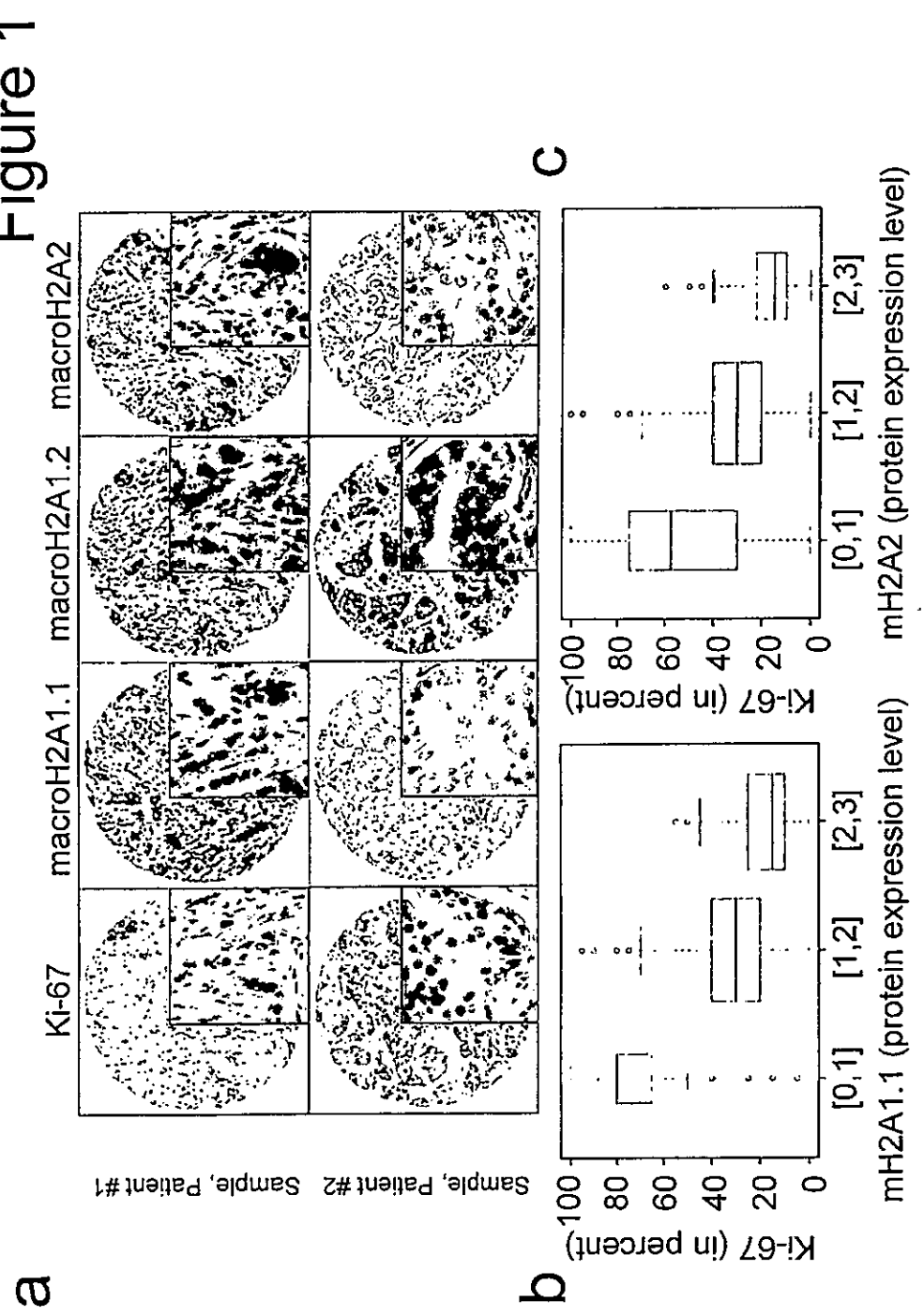

a
Ki-67
macroH2A1.1
macroH2A1.2
macroH2A2
Sample, Patient #1
Sample, Patient #2
b
Ki-67 (in percent)
0
20
40
60
80
100
[0,1]
[1,2]
[2,3]
mH2A1.1 (protein expression level)
c
Ki-67 (in percent)
0
20
40
60
80
100
[0,1]
[1,2]
[2,3]
mH2A2 (protein expression level)

Figure 2

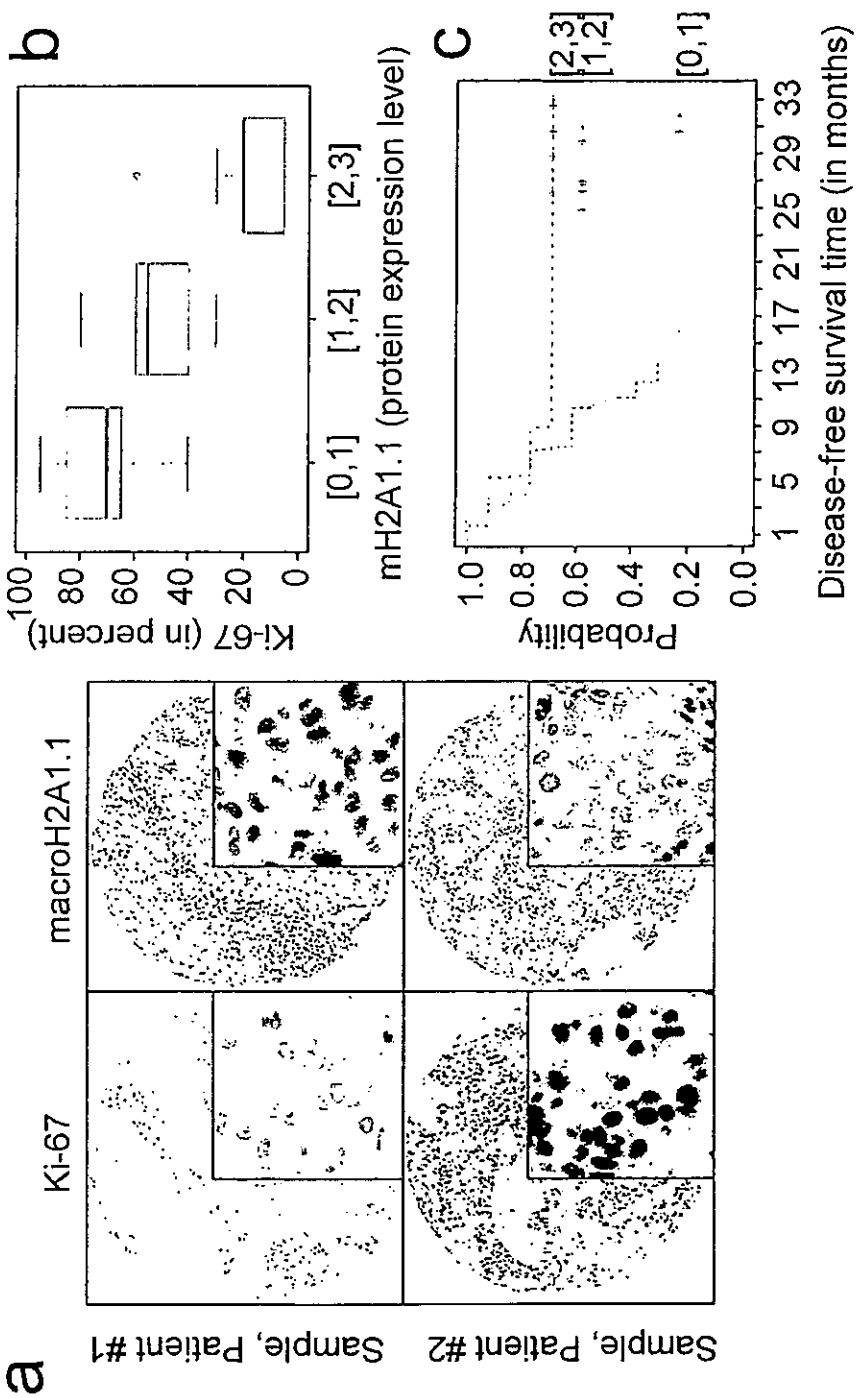

a
Ki-67
macroH2A1.1
Sample, Patient #1
Sample, Patient #2
b
Ki-67 (in percent)
0
20
40
60
80
100
[0,1]
[1,2]
[2,3]
mH2A1.1 (protein expression level)
c
Probability
0.0
0.2
0.4
0.6
0.8
1.0
[2,3]
[1,2]
[0,1]
1 5 9 13 17 21 25 29 33
Disease-free survival time (in months)

Figure 3

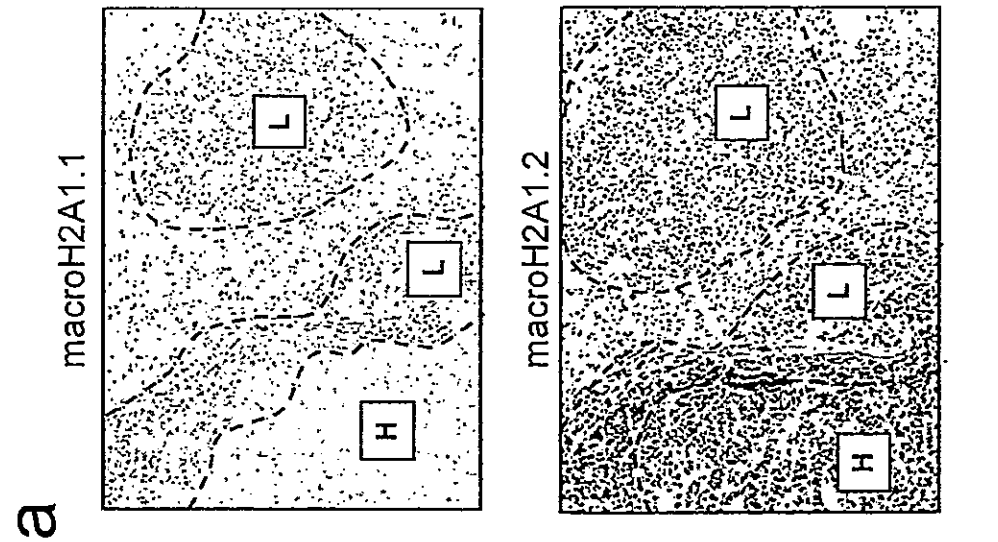

a
macroH2A1.1
L
L
H
macroH2A1.2
L
L
H
b
Antibody
DAPI
Overlay
macroH2A1.1
macroH2A1.2
H2A
c
4OHT
⊖
⊕
anti-macroH2A1.1
anti-macroH2A1.2
anti-H2A
anti-H3

Figure 4

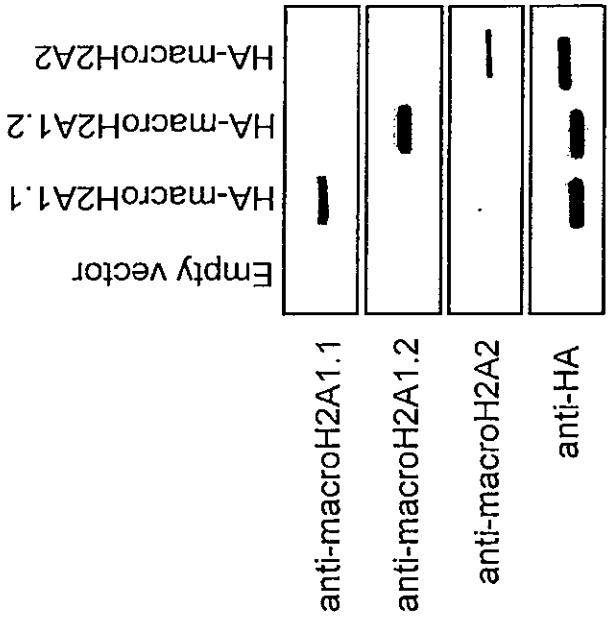

Empty vector
HA-macroH2A1.1
HA-macroH2A1.2
HA-macroH2A2
anti-macroH2A1.1
anti-macroH2A1.2
anti-macroH2A2
anti-HA

Figure 5

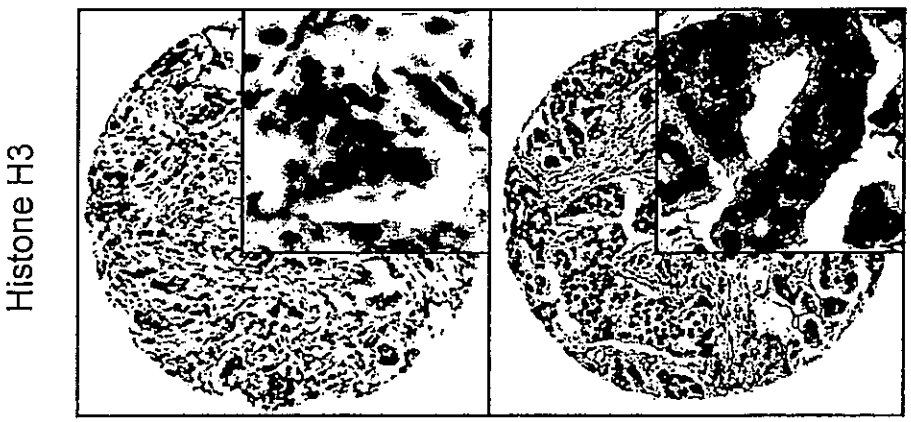


Figure 6

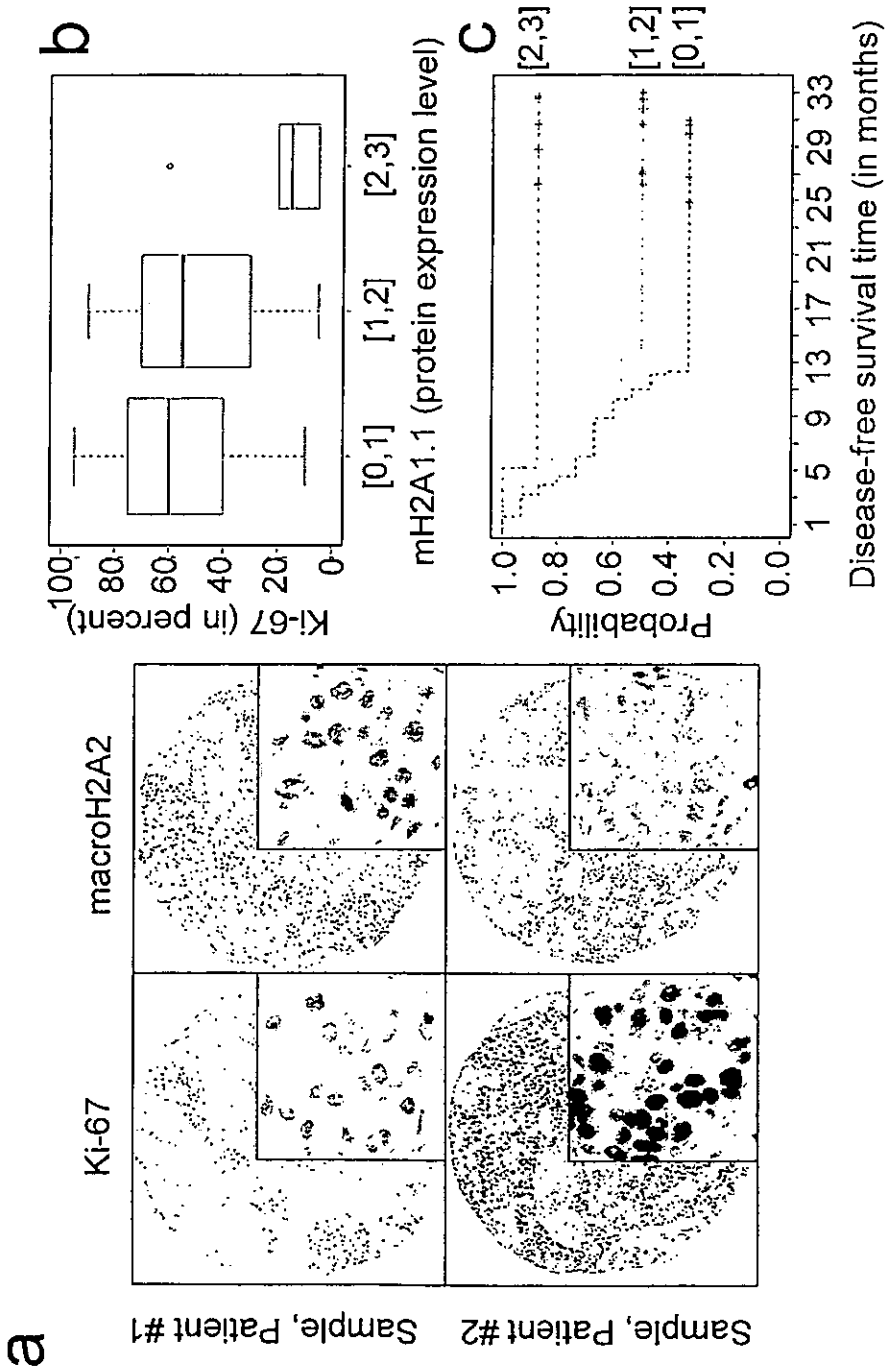

a
Ki-67
macroH2A2
Sample, Patient #1
Sample, Patient #2
b
Ki-67 (in percent)
0
20
40
60
80
100
[0,1]
[1,2]
[2,3]
mH2A1.1 (protein expression level)
c
Probability
0.0
0.2
0.4
0.6
0.8
1.0
[2,3]
[1,2]
[0,1]
1 5 9 13 17 21 25 29 33
Disease-free survival time (in months)

Figure 7

