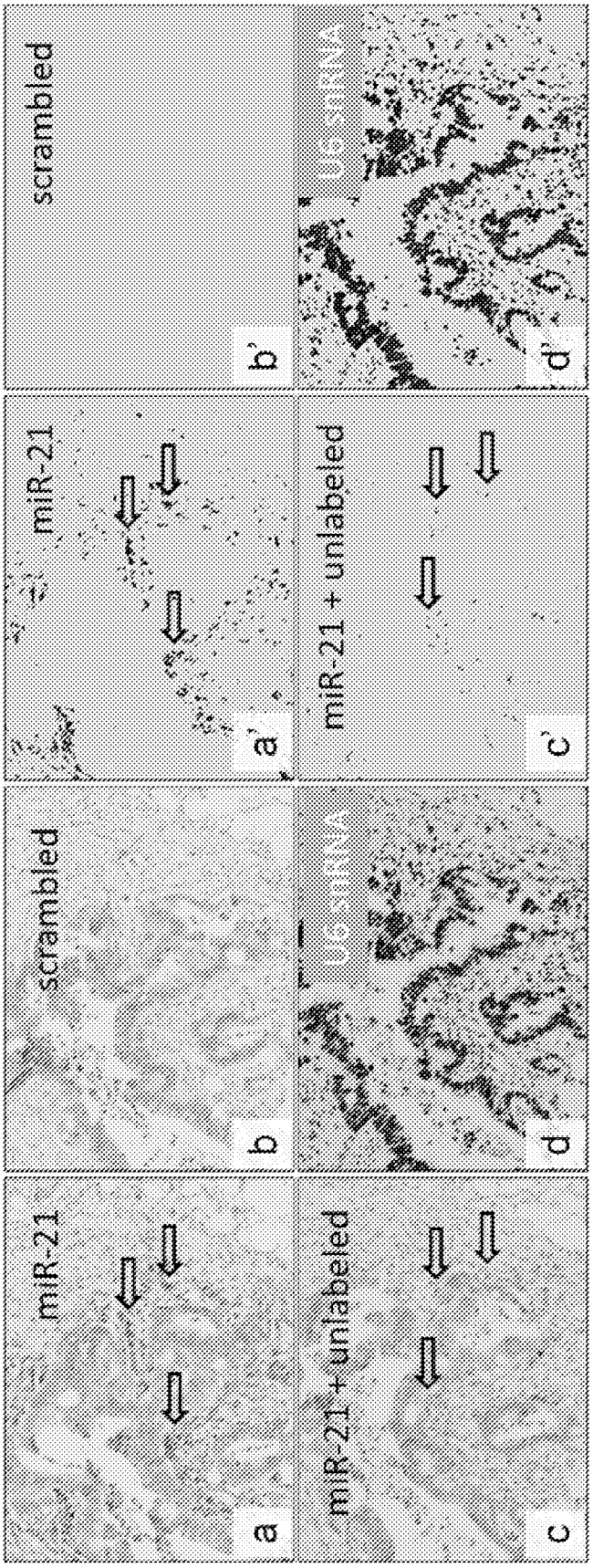

Fig. 1

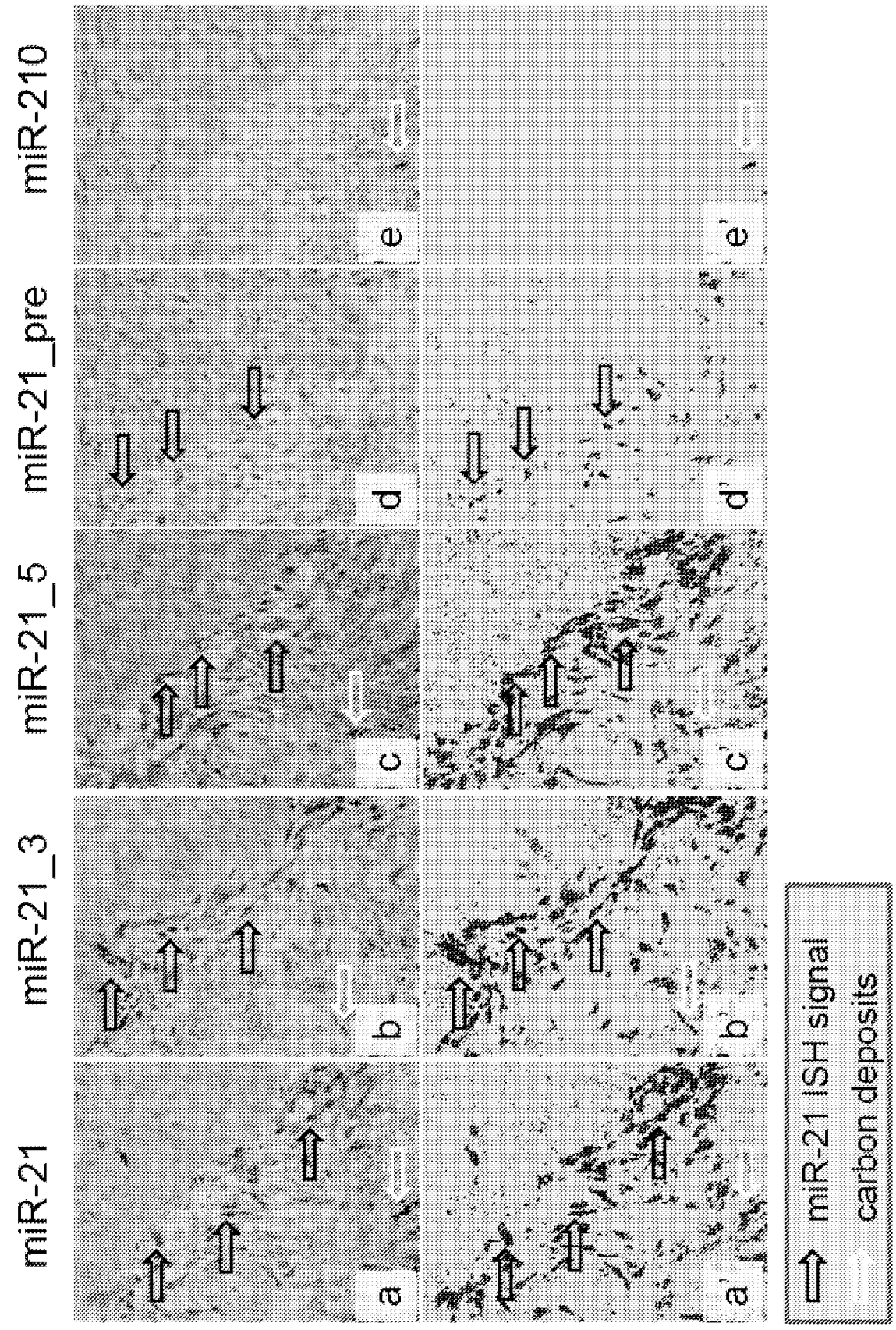
miR-21
miR-21_3
miR-21_5
miR-21_pre
miR-210
a
b
c
d
e
a'
b'
c'
d'
e'
miR-21 ISH signal
carbon deposits

Fig. 2

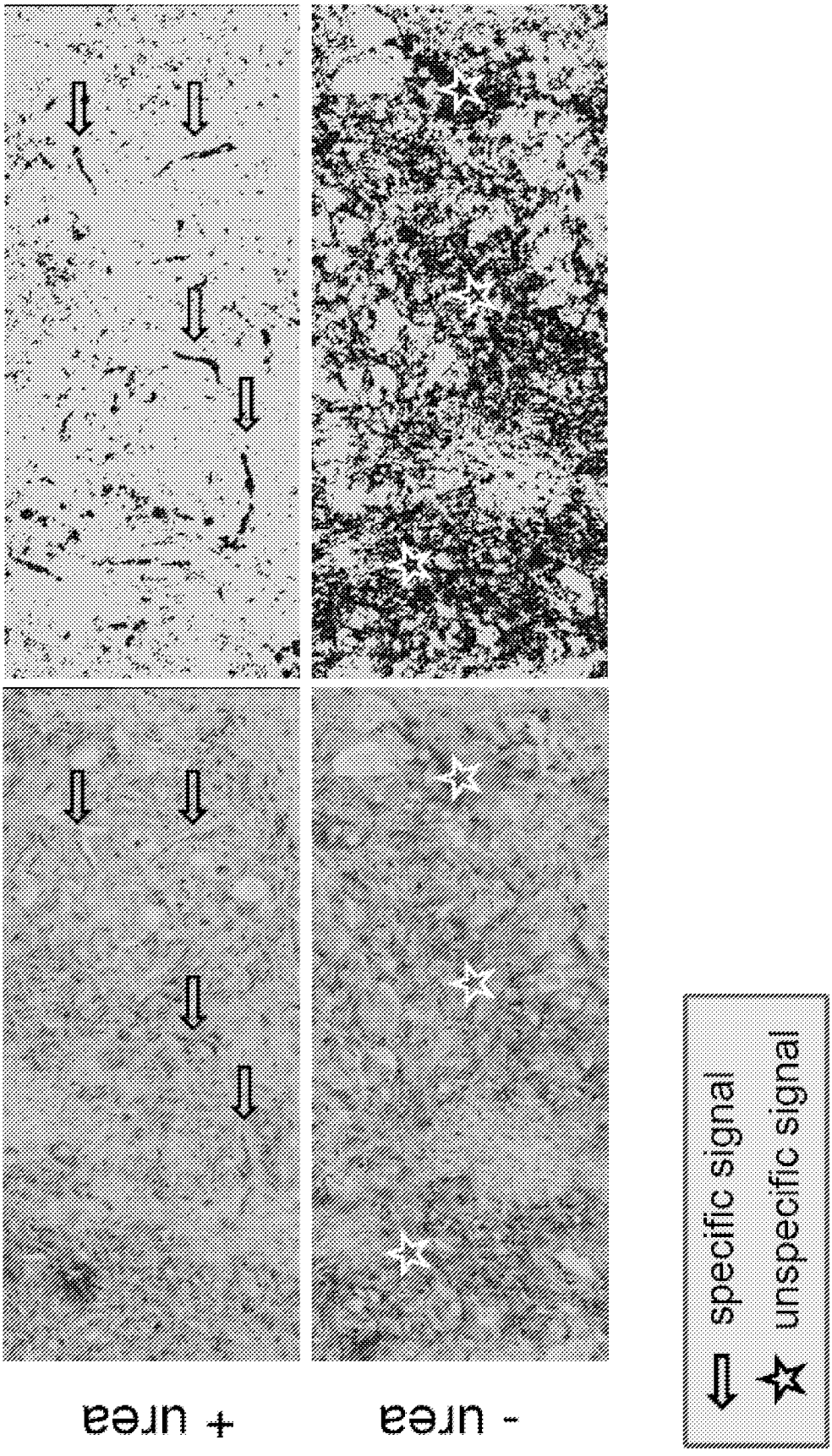

Fig. 3

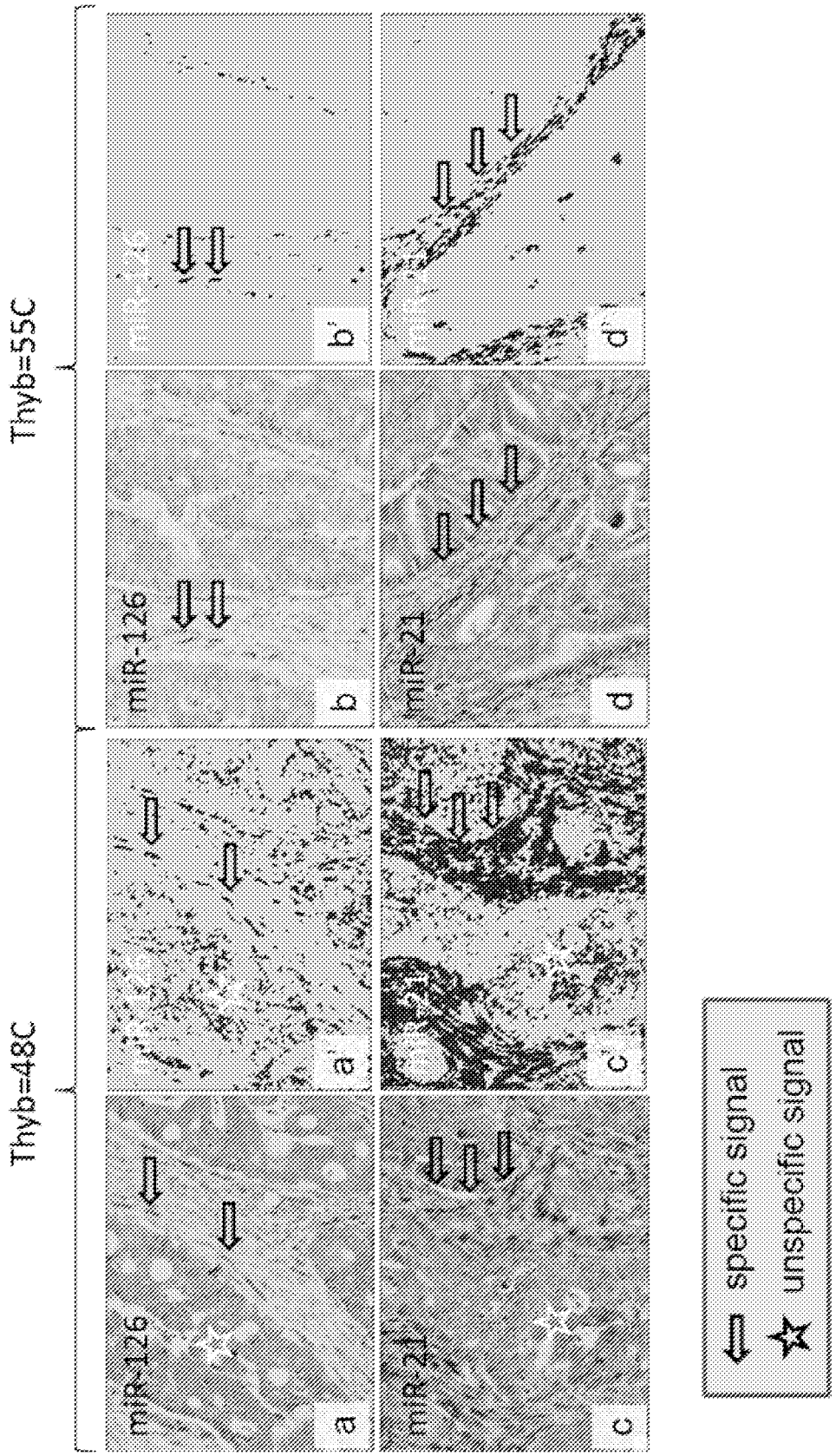
Thyb=48C
Thyb=55C
miR-126
miR-21
a
a'
b
b'
c
c'
d
d'
specific signal
unspecific signal

Fig. 4

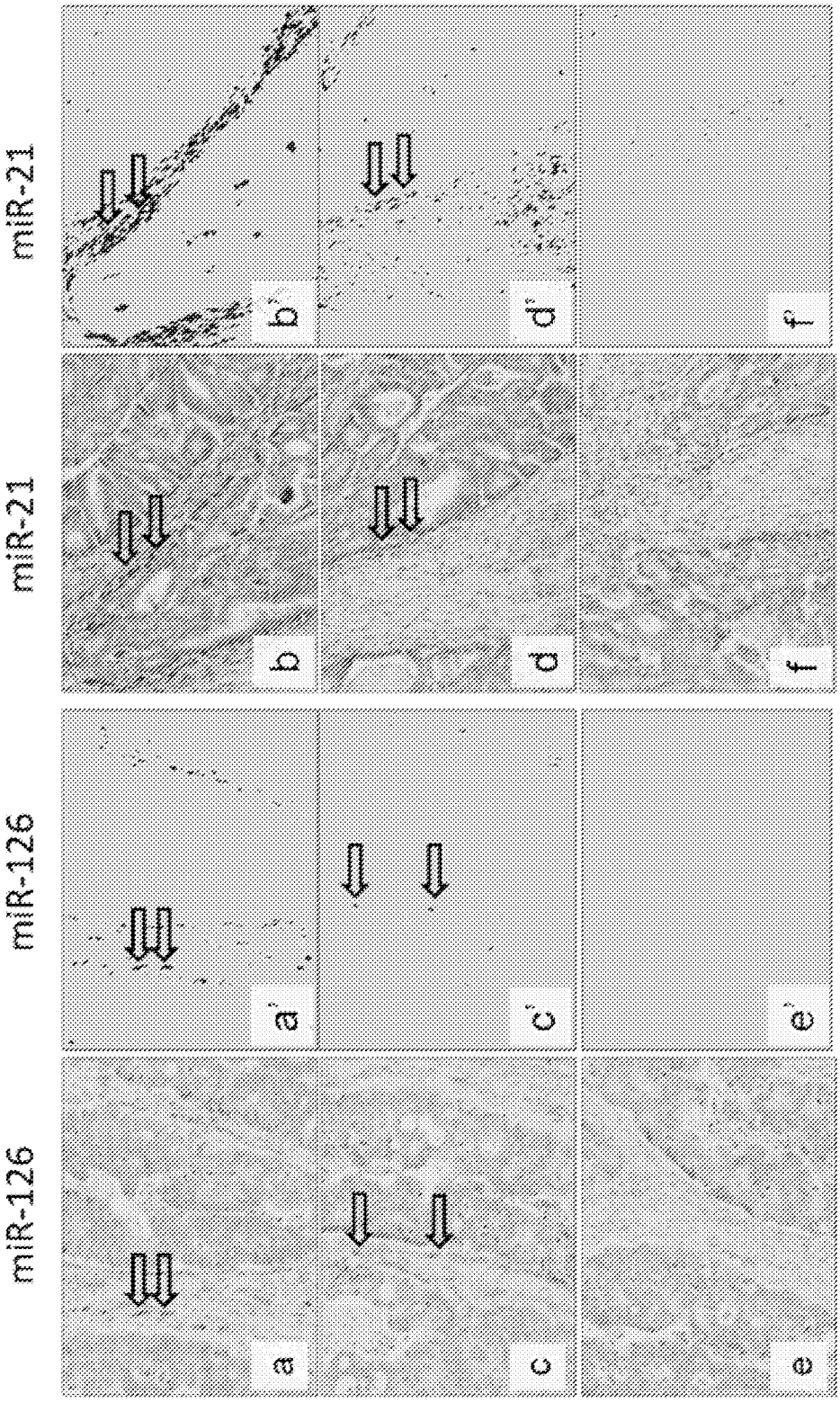
miR-126
miR-21
miR-21
Urea
2.0 M
25%
Formamide
3.0M
50%
Formamide
6.0M
a
a'
b
b'
c
c'
d
d'
e
e'
f
f'

Fig. 5

6/12

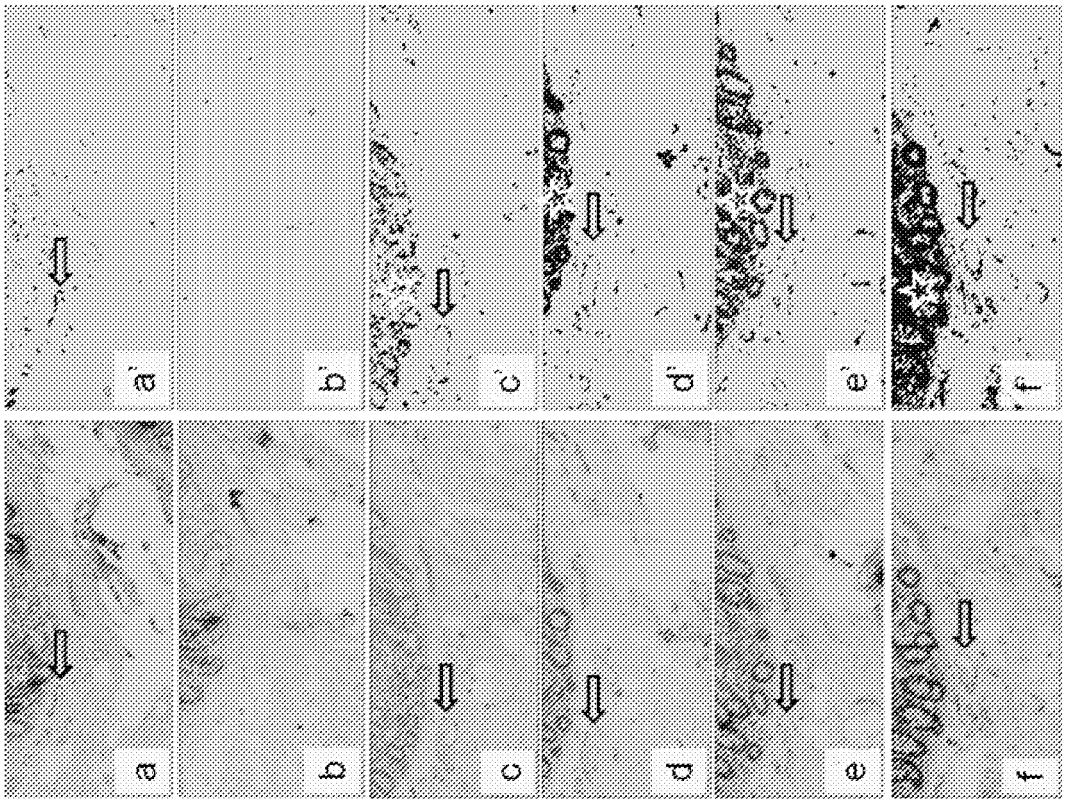
Figure 6/11
Urea, 2.0M, miR-126
Urea, 2.0M, miR-424
Guanidin, 2.0M, miR-126
Guanidin, 1.5M, miR-126
Guanidin, 1.0M, miR-126
Guanidin, 0.5M, miR-126
a
a'
b
b'
c
c'
d
d'
e
e'
f
f'

Fig. 6

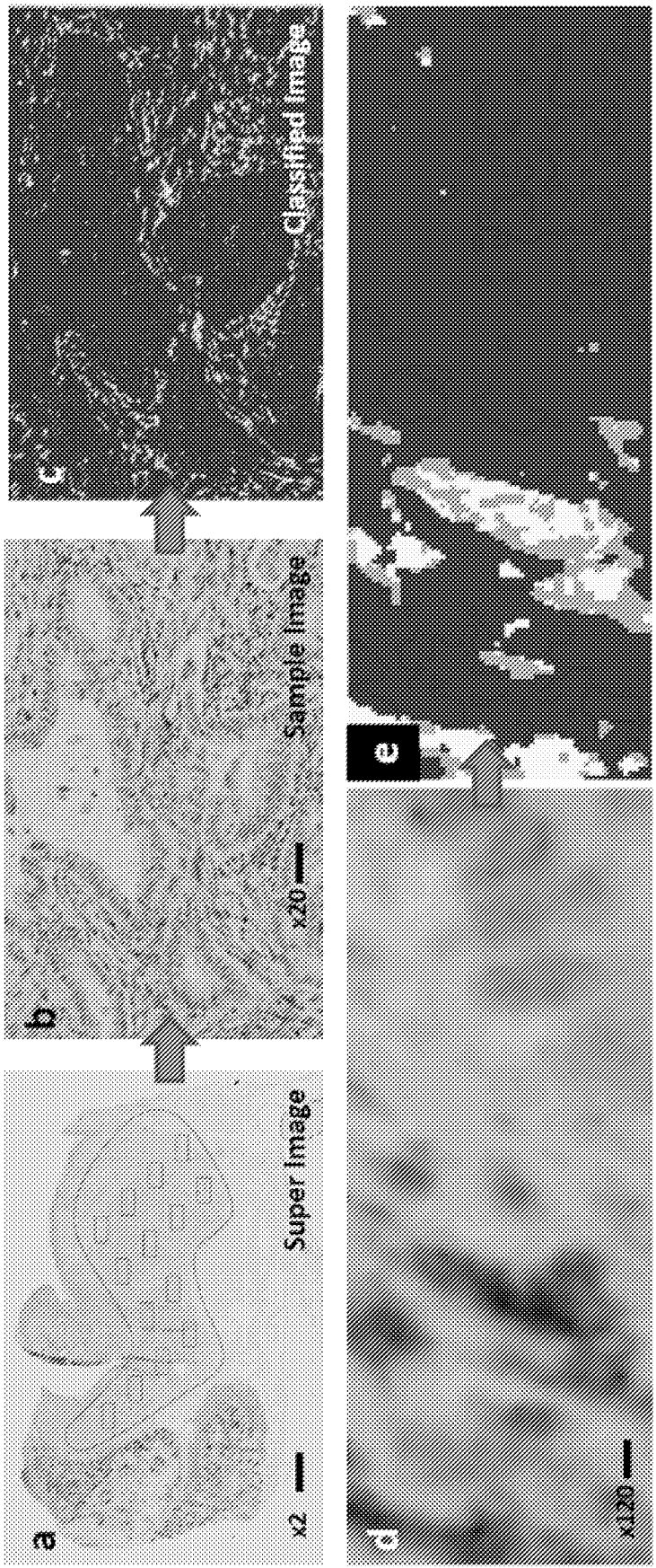
a
x2
Super Image
b
x20
Sample Image
c
Classified Image
d
x120
e

Fig. 7

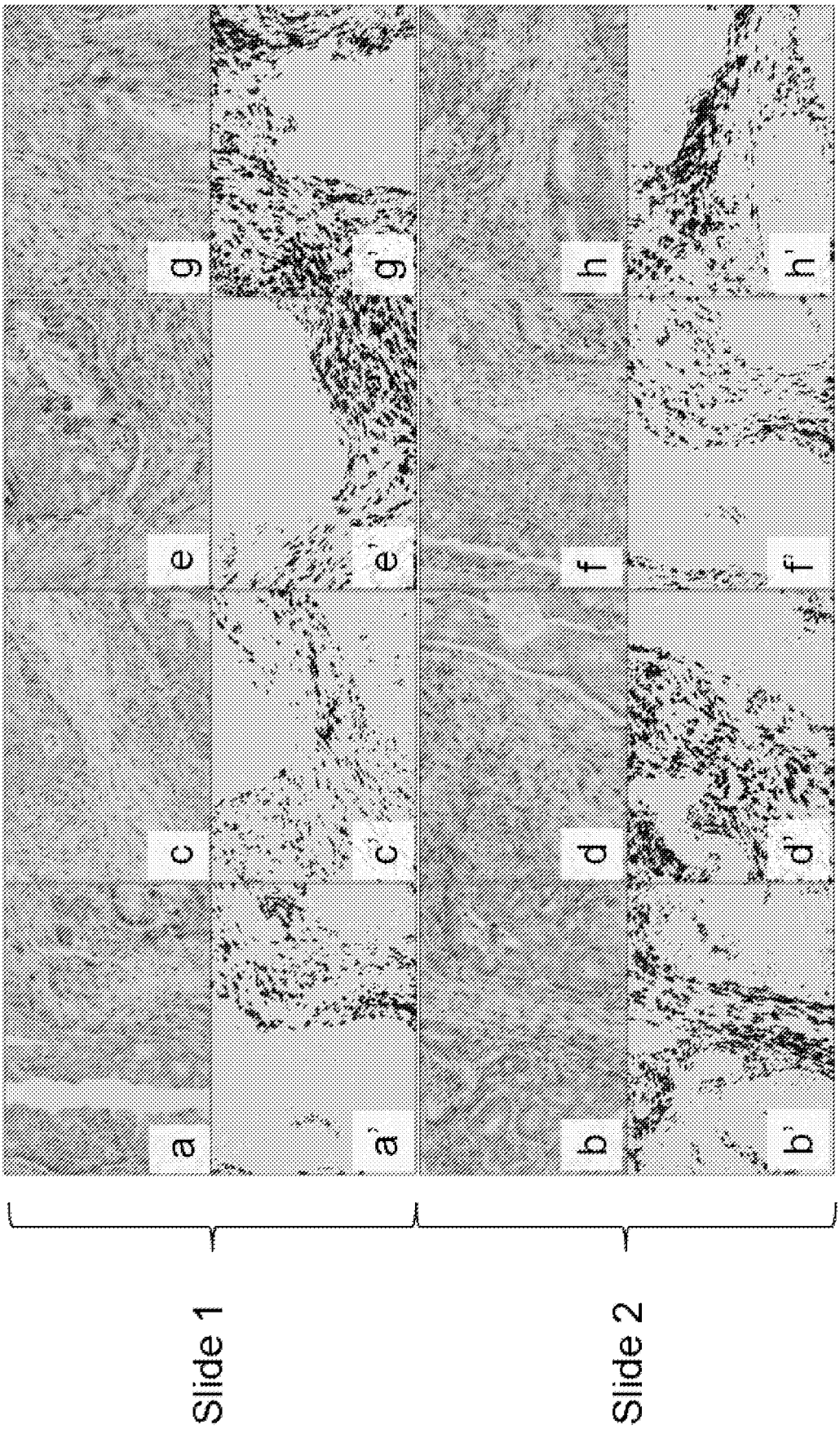
Slide 1
Slide 2
Buffer date:
05Jan-2010
06Aug-2009
30Apr-2009
15Dec-2008
a
a'
b
b'
c
c'
d
d'
e
e'
f
f'
g
g'
h
h'

Fig. 8a

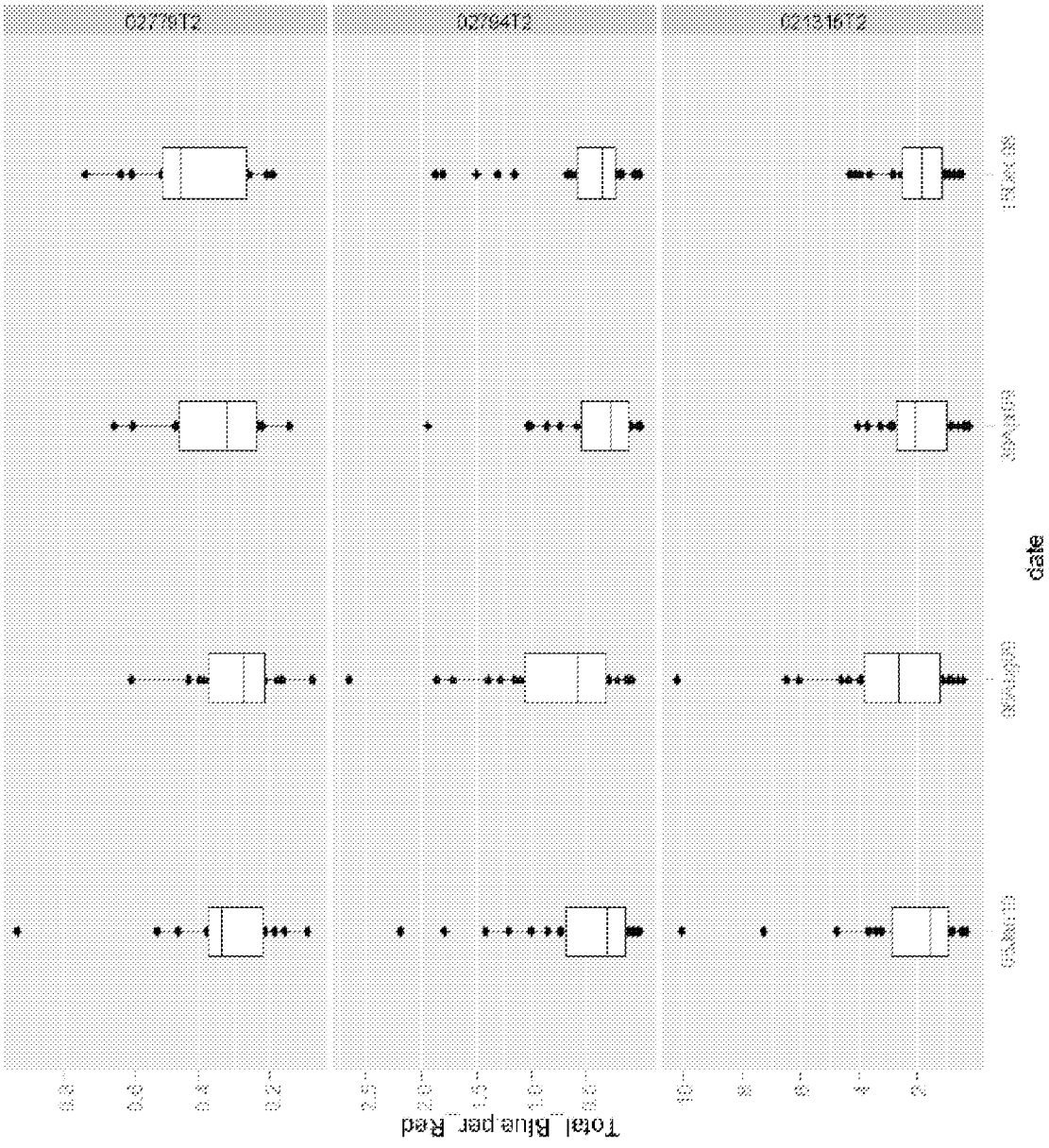

Fig. 8b

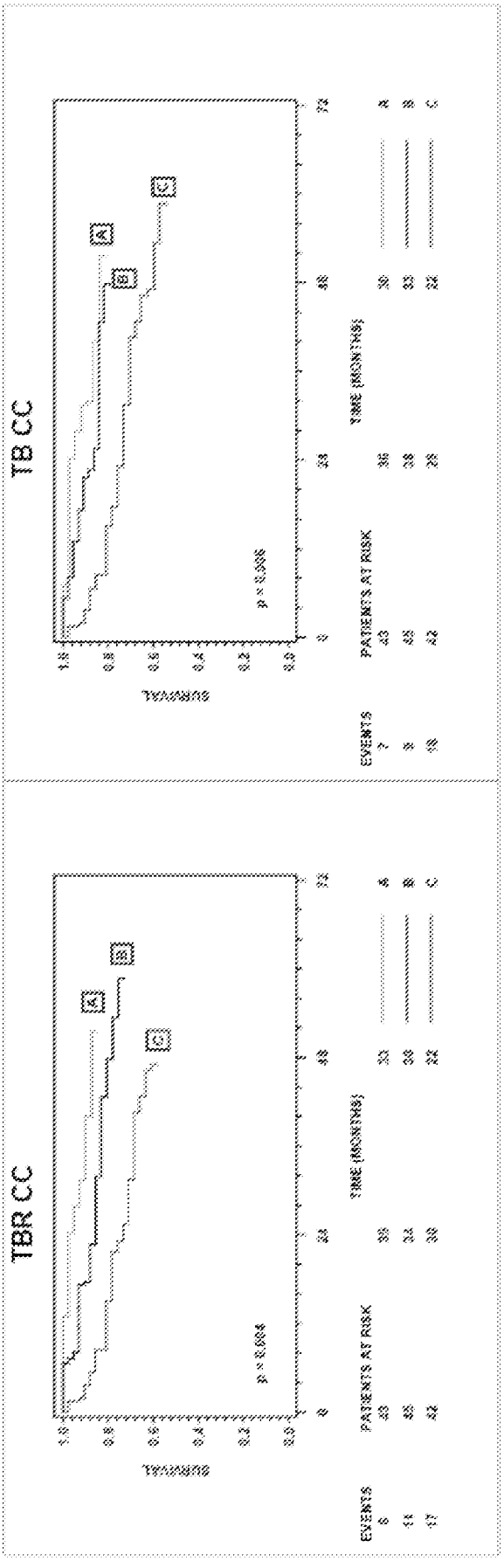

Fig. 9

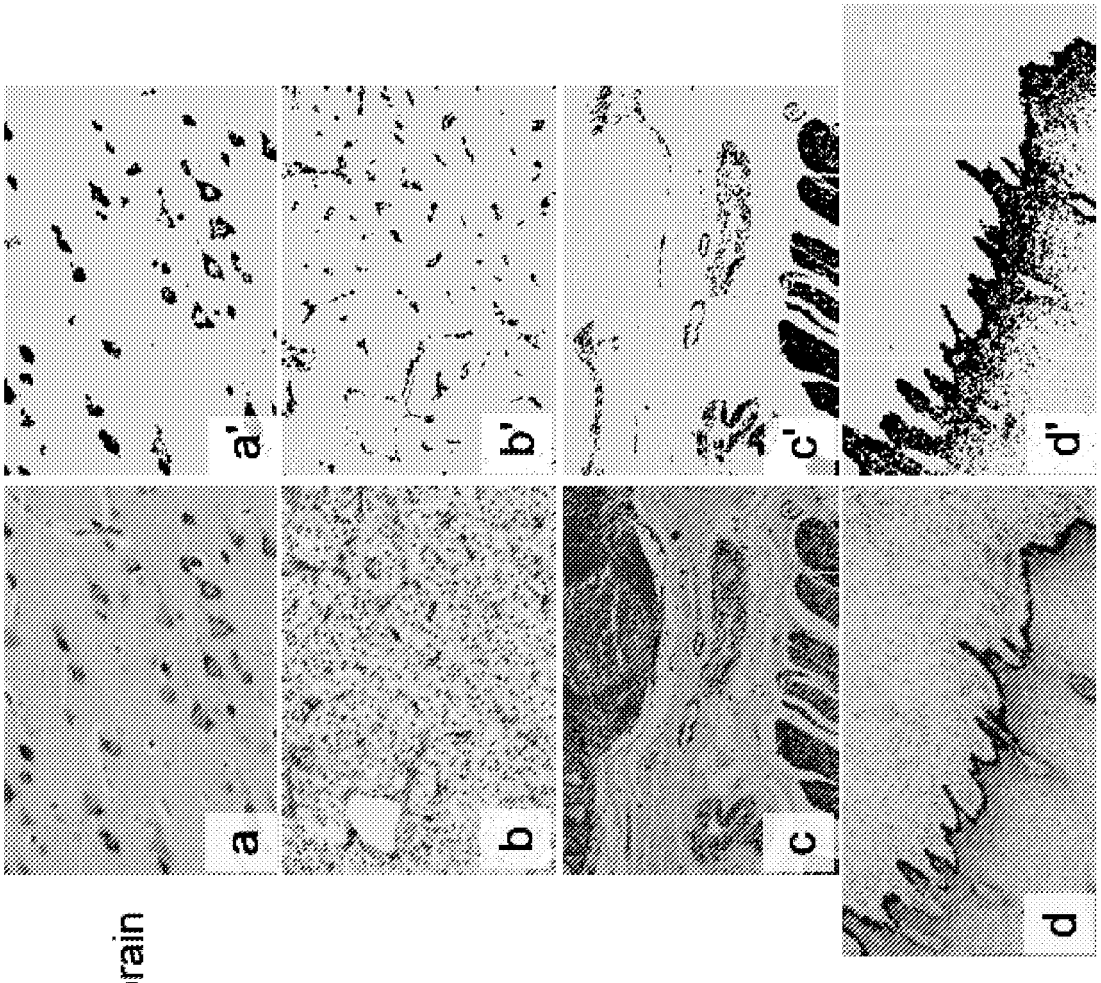
miR-124 in human brain
miR-126 in human kidney cancer
miR-145 in human bowel wall
miR-205 in human cervix
a
a'
b
b'
c
c'
d
d'

Fig. 10

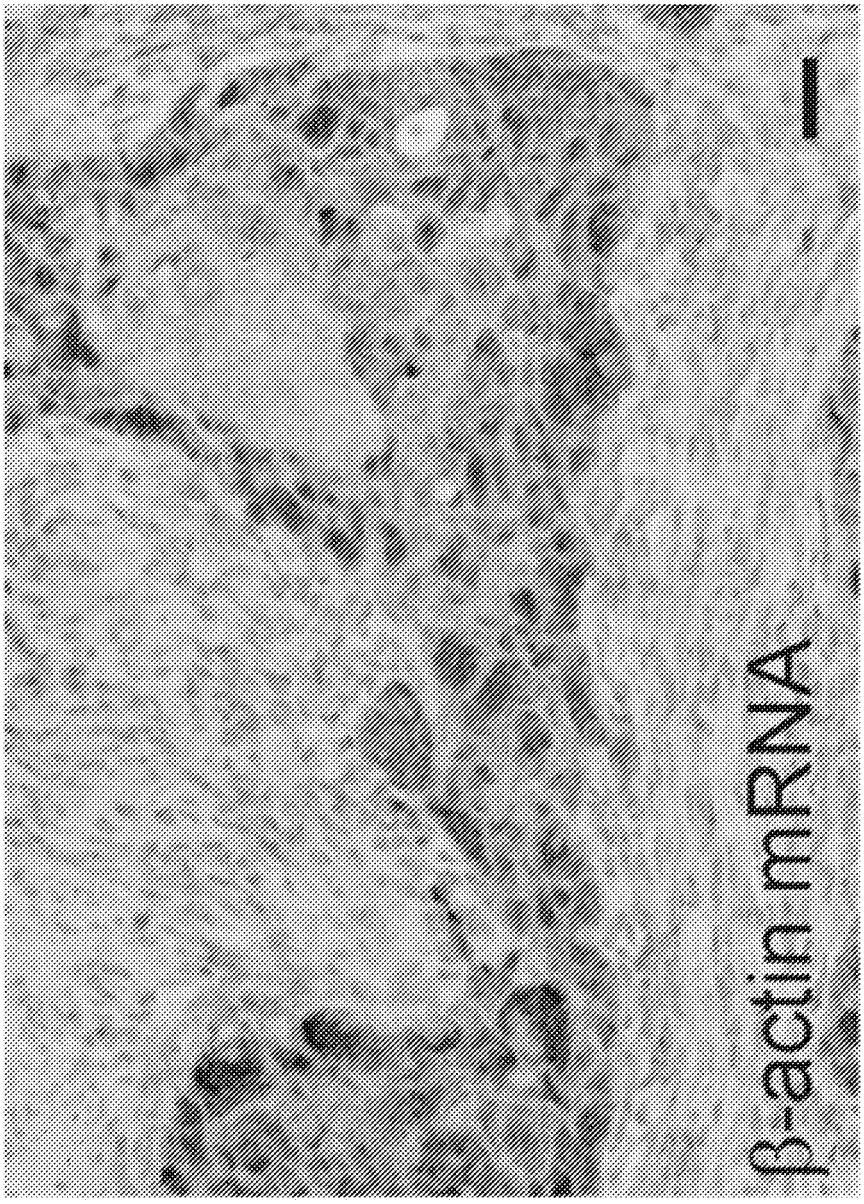

Fig. 11