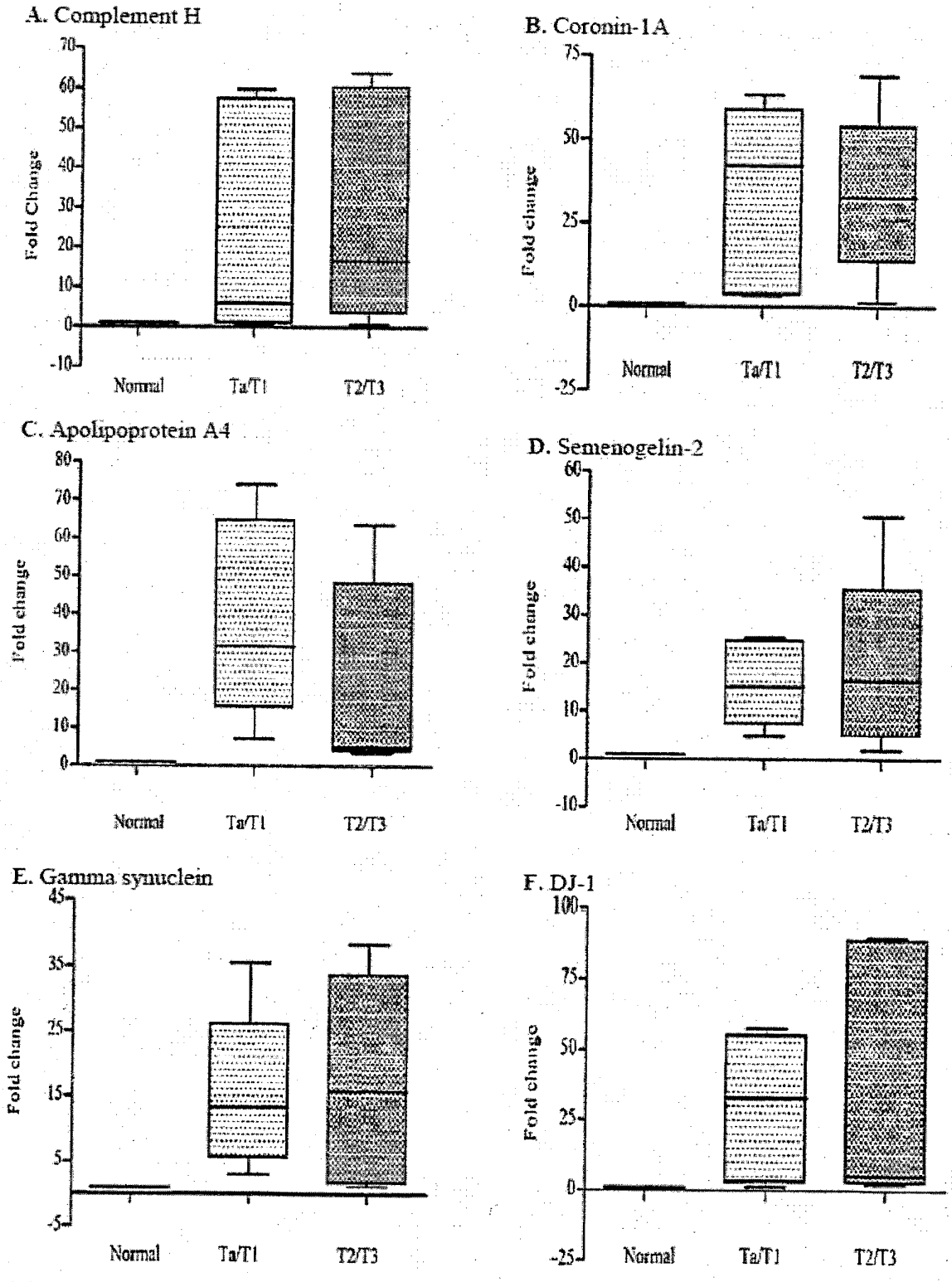

A. Complement H
Fold Change
70
60
50
40
30
20
10
0
-10
Normal
Ta/T1
T2/T3
B. Coronin-1A
Fold change
75
50
25
0
-25
Normal
Ta/T1
T2/T3
C. Apolipoprotein A4
Fold change
80
70
60
50
40
30
20
10
0
Normal
Ta/T1
T2/T3
D. Semenogelin-2
Fold change
60
50
40
30
20
10
0
-10
Normal
Ta/T1
T2/T3
E. Gamma synuclein
Fold change
45
35
25
15
5
-5
Normal
Ta/T1
T2/T3
F. DJ-1
Fold change
100
75
50
25
0
-25
Normal
Ta/T1
T2/T3

Fig. 1

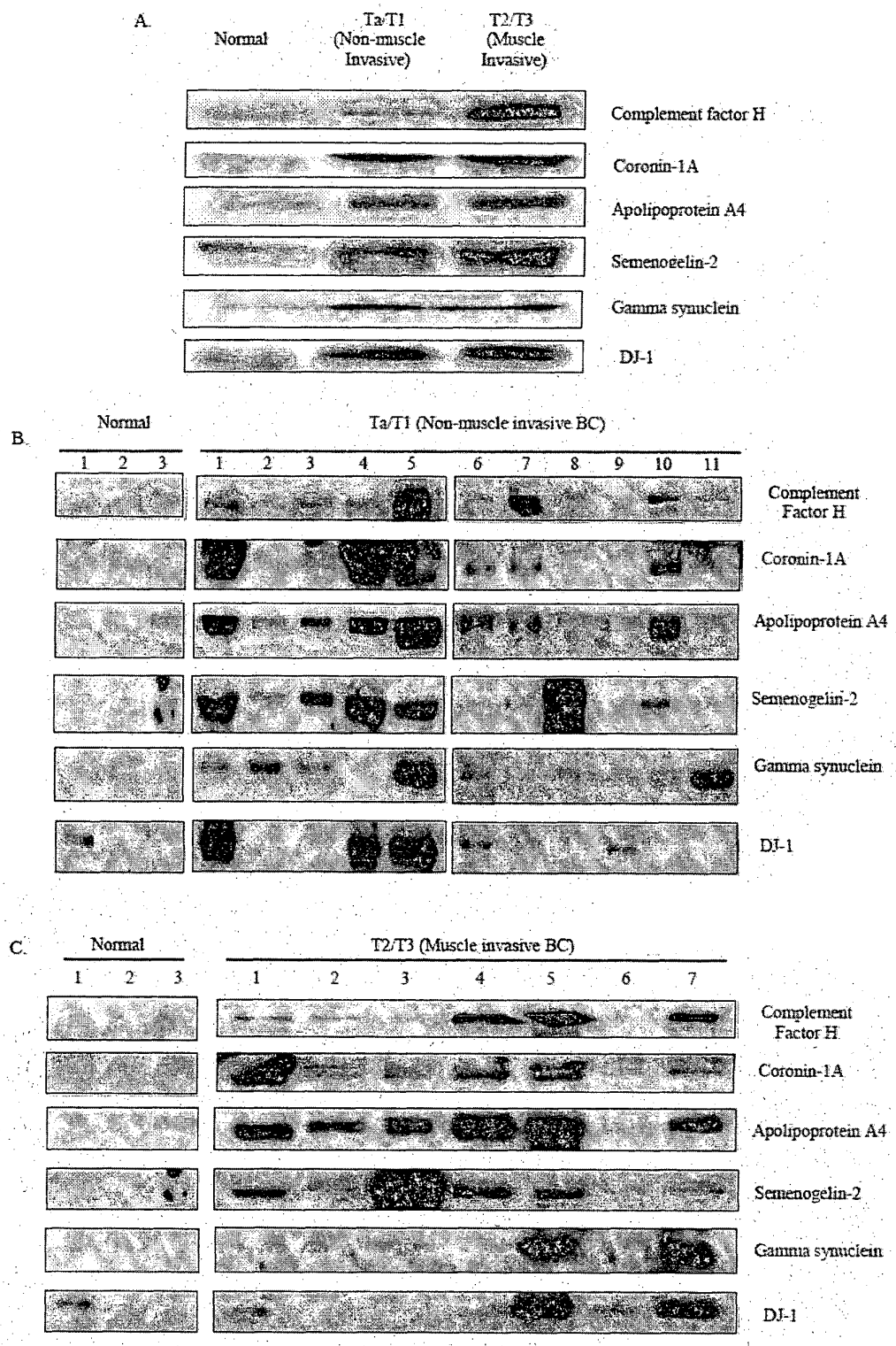
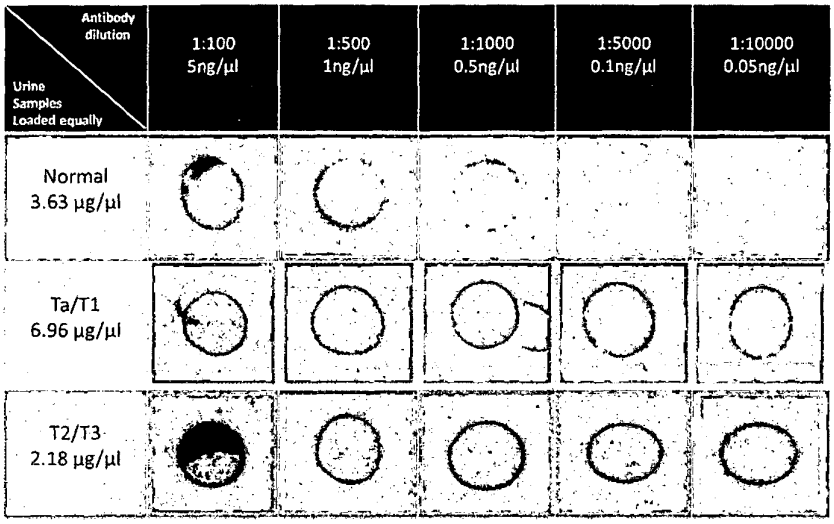

A.
Normal
Ta/T1 (Non-muscle Invasive)
T2/T3 (Muscle Invasive)
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
B.
Normal
Ta/T1 (Non-muscle invasive BC)
1 2 3
1 2 3 4 5 6 7 8 9 10 11
Complement Factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
C.
Normal
T2/T3 (Muscle invasive BC)
1 2 3
1 2 3 4 5 6 7
Complement Factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1

Fig. 2

Antibody: ***Complement factor H***



Antibody: ***Coronin1A***

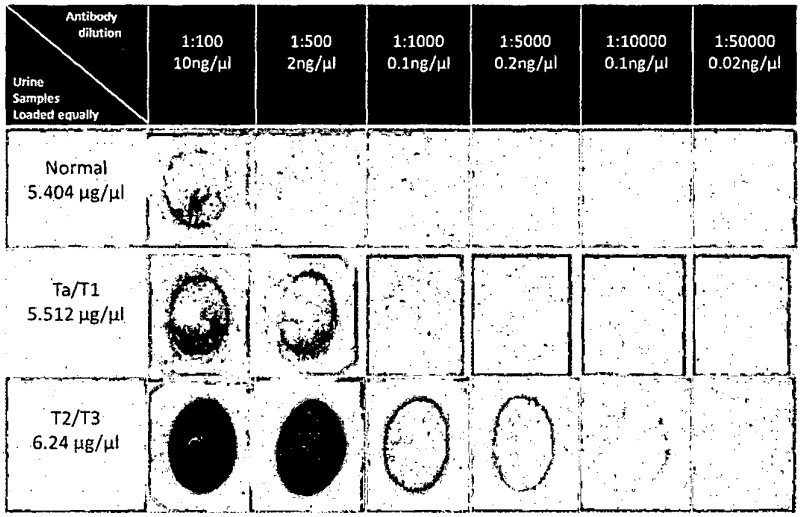
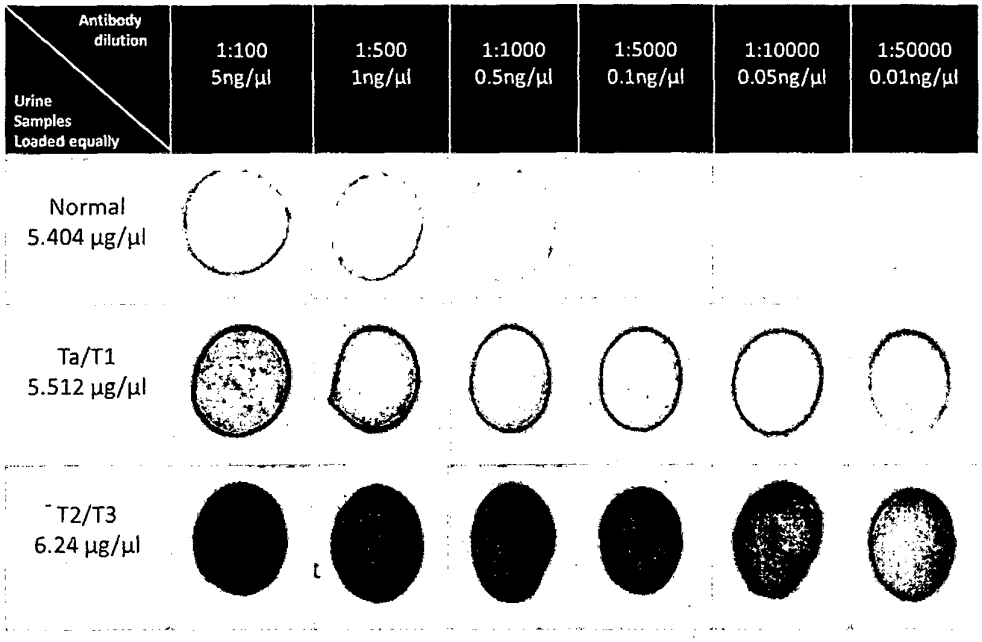


Fig. 3 (continued)

Antibody: ***Apolipoprotein A4***



Antibody: ***Semenogelin-2***

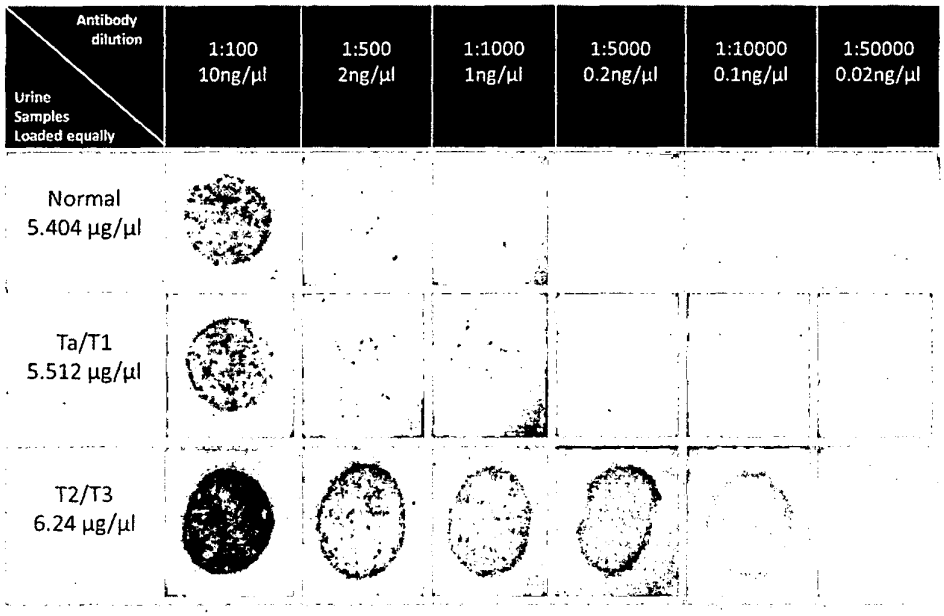
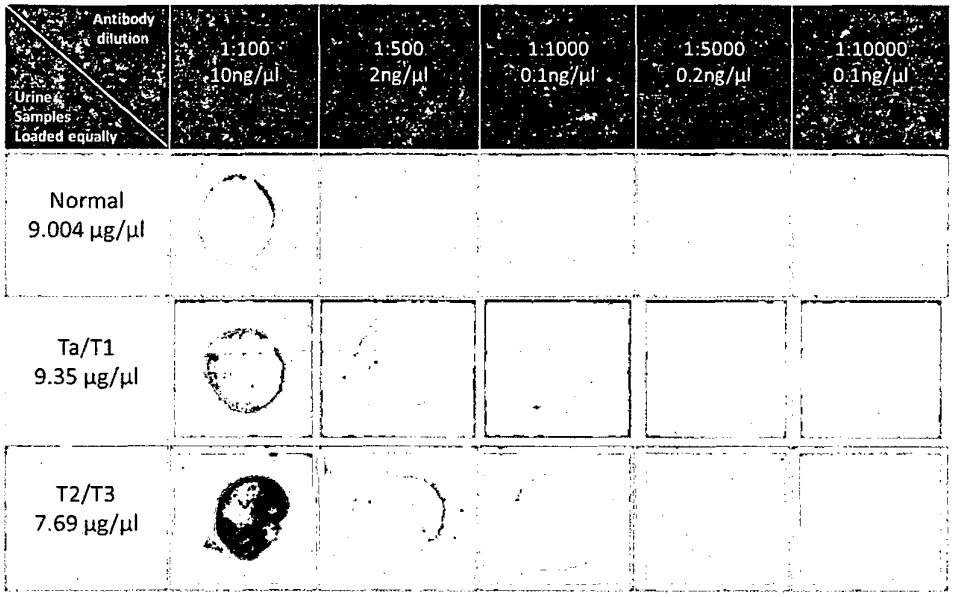


Fig. 3 (continued)

Antibody: ***Gamma synuclein***



Antibody: ***DJ-1***

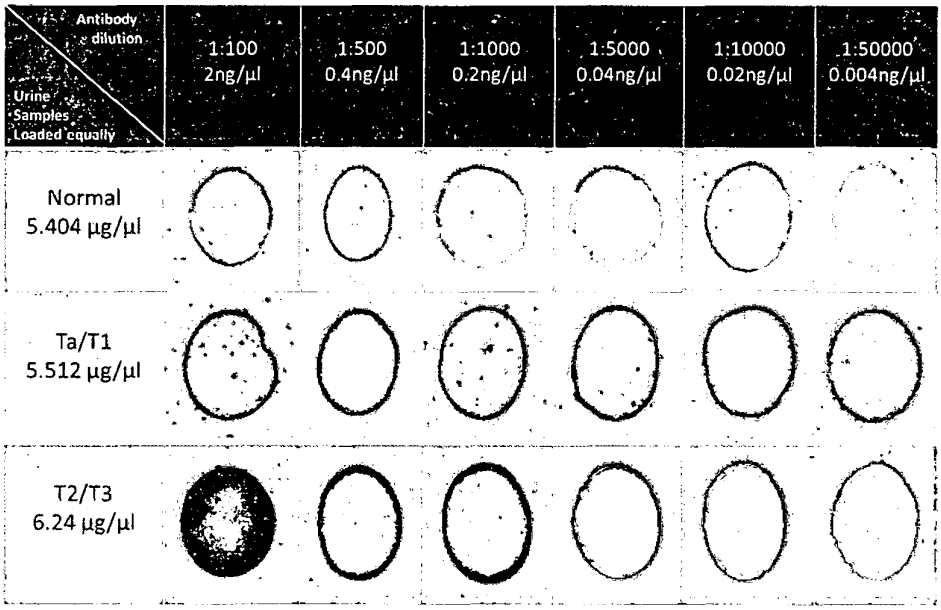


Fig. 3

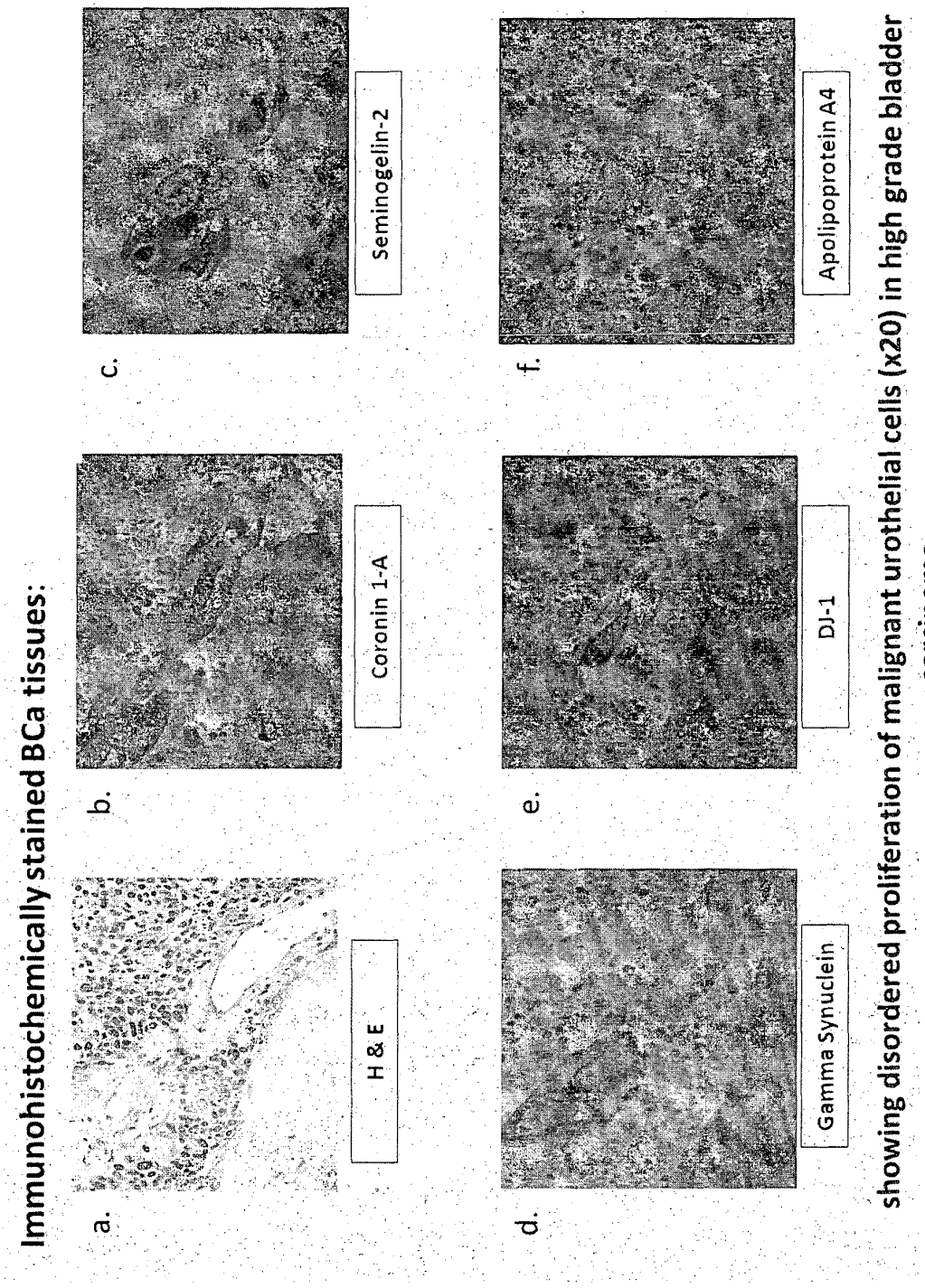

Immunohistochemically stained BCa tissues:
a.
H & E
b.
Coronin 1-A
c.
Seminogelin-2
d.
Gamma Synuclein
e.
DJ-1
f.
Apolipoprotein A4
showing disordered proliferation of malignant urothelial cells (x20) in high grade bladder carcinoma

Fig. 4

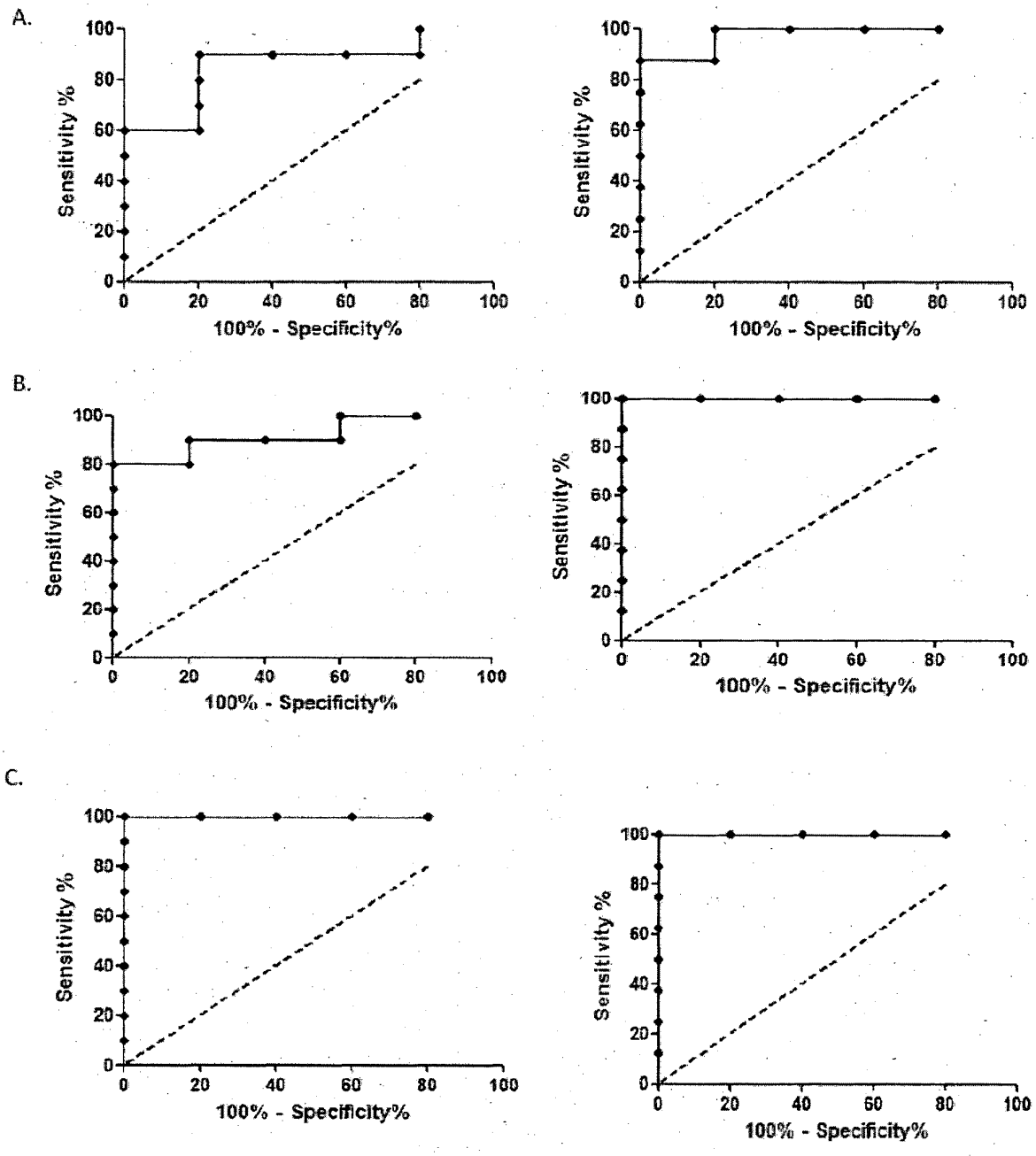


Fig. 5 (continued)

D.

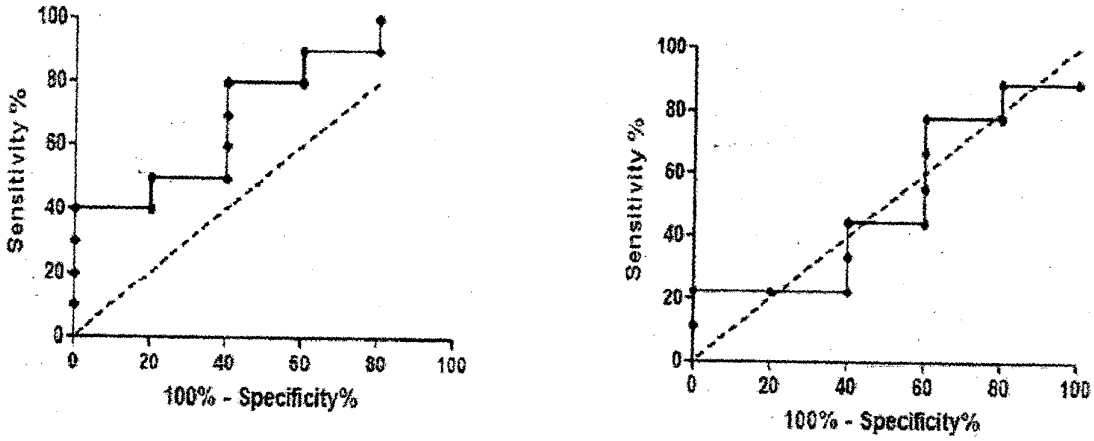

Sensitivity %
100
80
60
40
20
0
0
20
40
60
80
100
100% - Specificity%
Sensitivity %
100
80
60
40
20
0
0
20
40
60
80
100
100% - Specificity%

Fig. 5

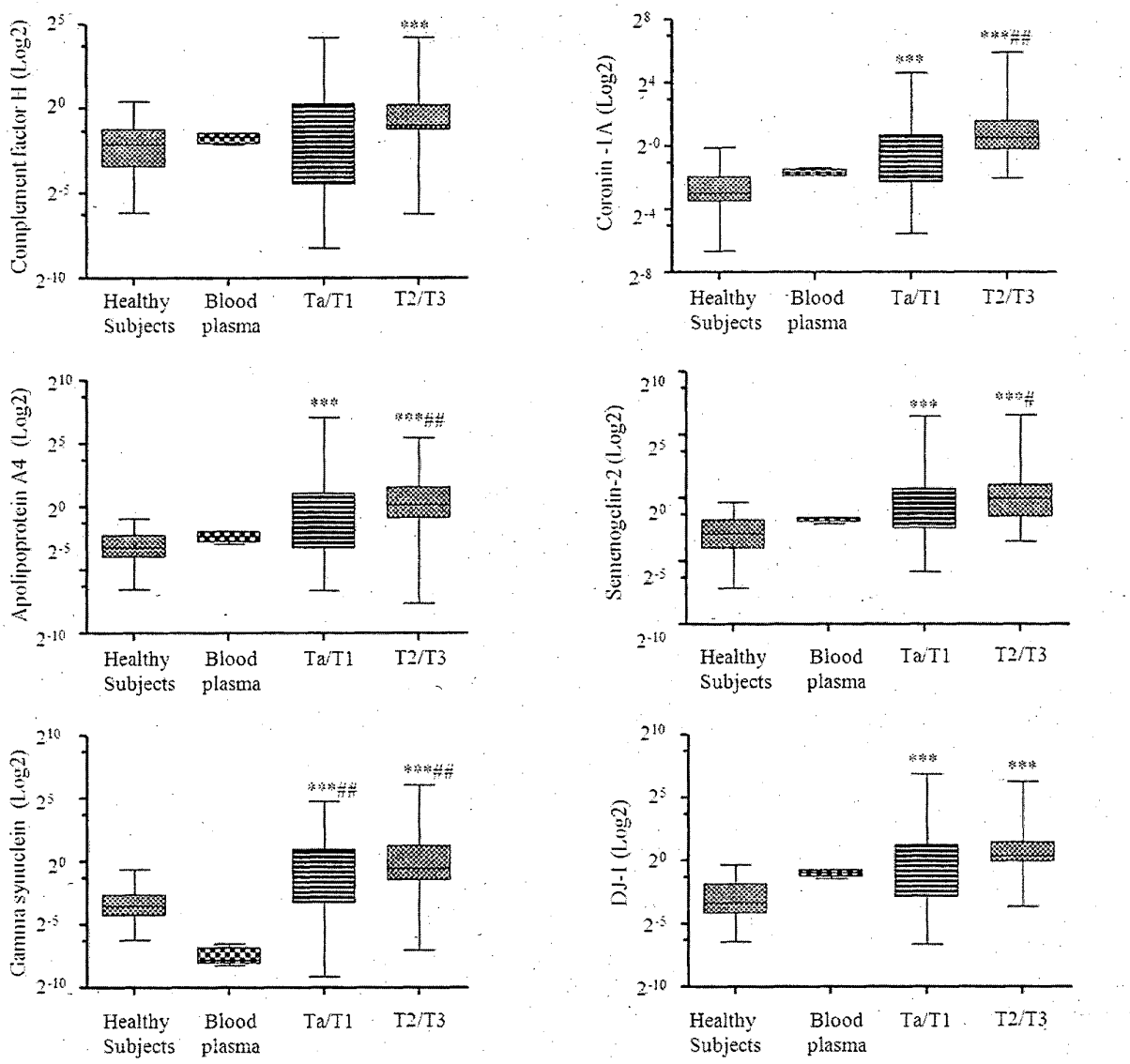

Complement factor H (Log2)
Coronin -1A (Log2)
Apolipoprotein A4 (Log2)
Semenogelin-2 (Log2)
Gamma synuclein (Log2)
DJ-1 (Log2)
Healthy Subjects
Blood plasma
Ta/T1
T2/T3
***
***##
***#

Fig. 6

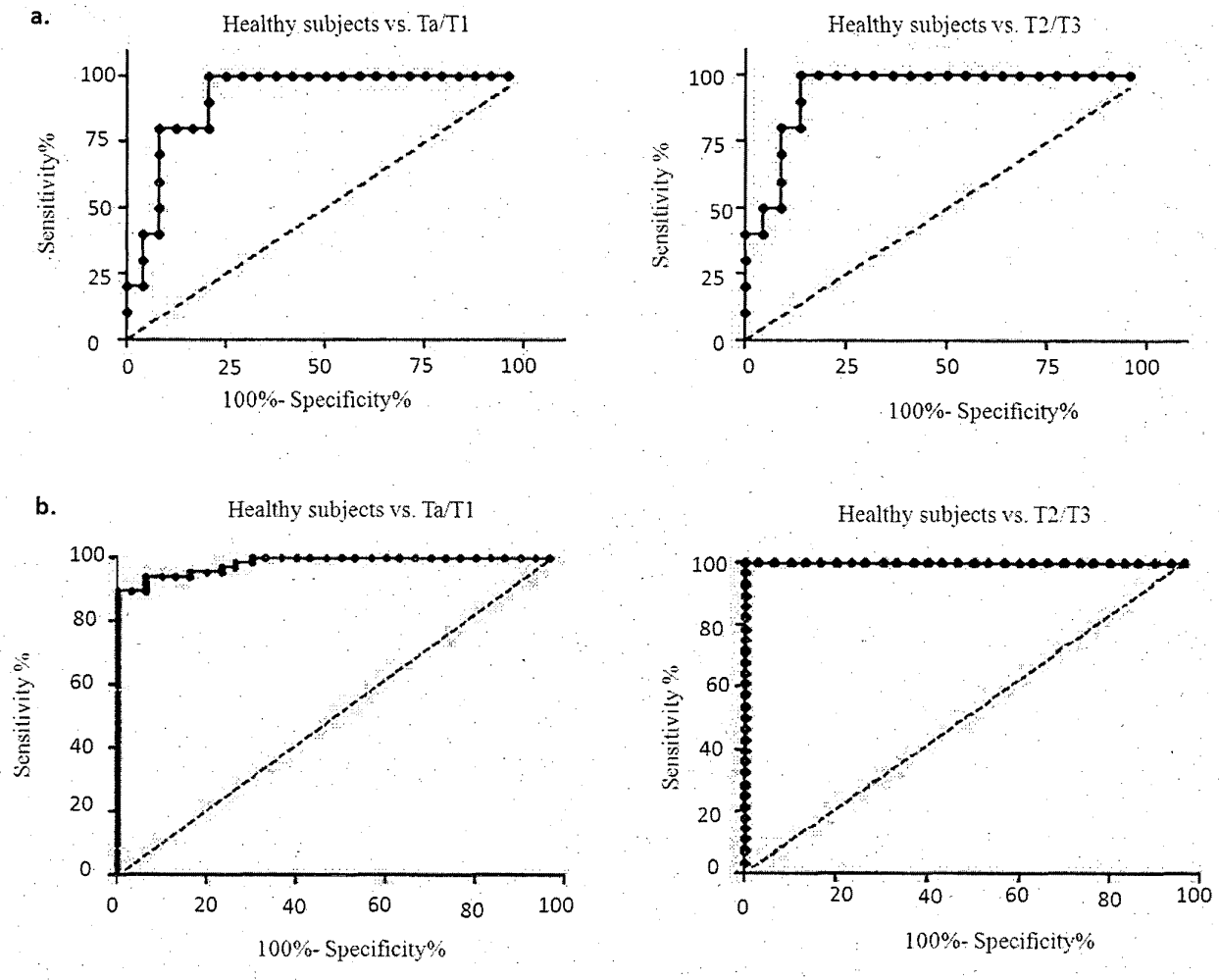

a.
Healthy subjects vs. Ta/T1
Sensitivity%
100%- Specificity%
Healthy subjects vs. T2/T3
Sensitivity %
100%- Specificity%
b.
Healthy subjects vs. Ta/T1
Sensitivity %
100%- Specificity%
Healthy subjects vs. T2/T3
Sensitivity %
100%- Specificity%

Fig. 7

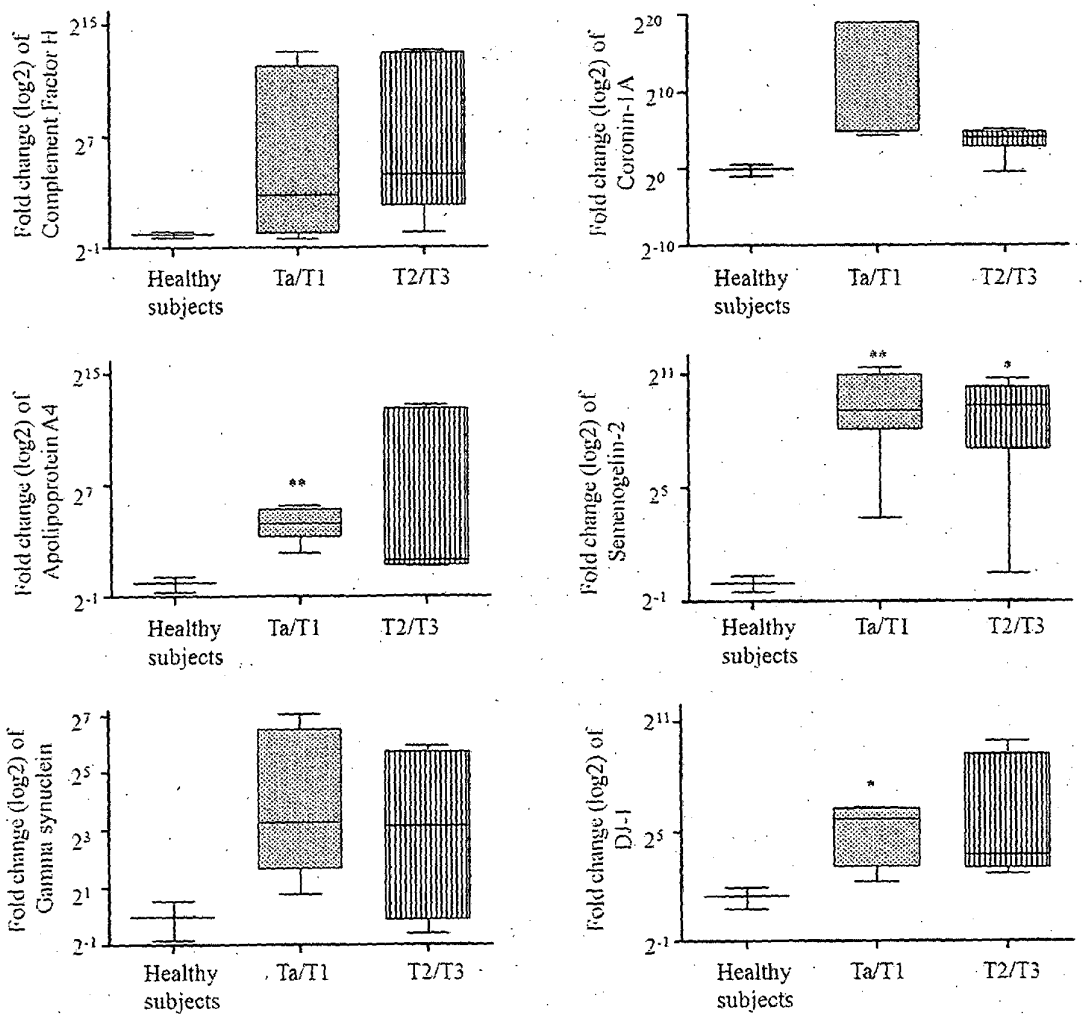

Fold change (log2) of Complement Factor H
Fold change (log2) of Coronin-1A
Fold change (log2) of Apolipoprotein A4
Fold change (log2) of Semenogelin-2
Fold change (log2) of Gamma synuclein
Fold change (log2) of DJ-1
Healthy subjects
Ta/T1
T2/T3
**
*

Fig. 8

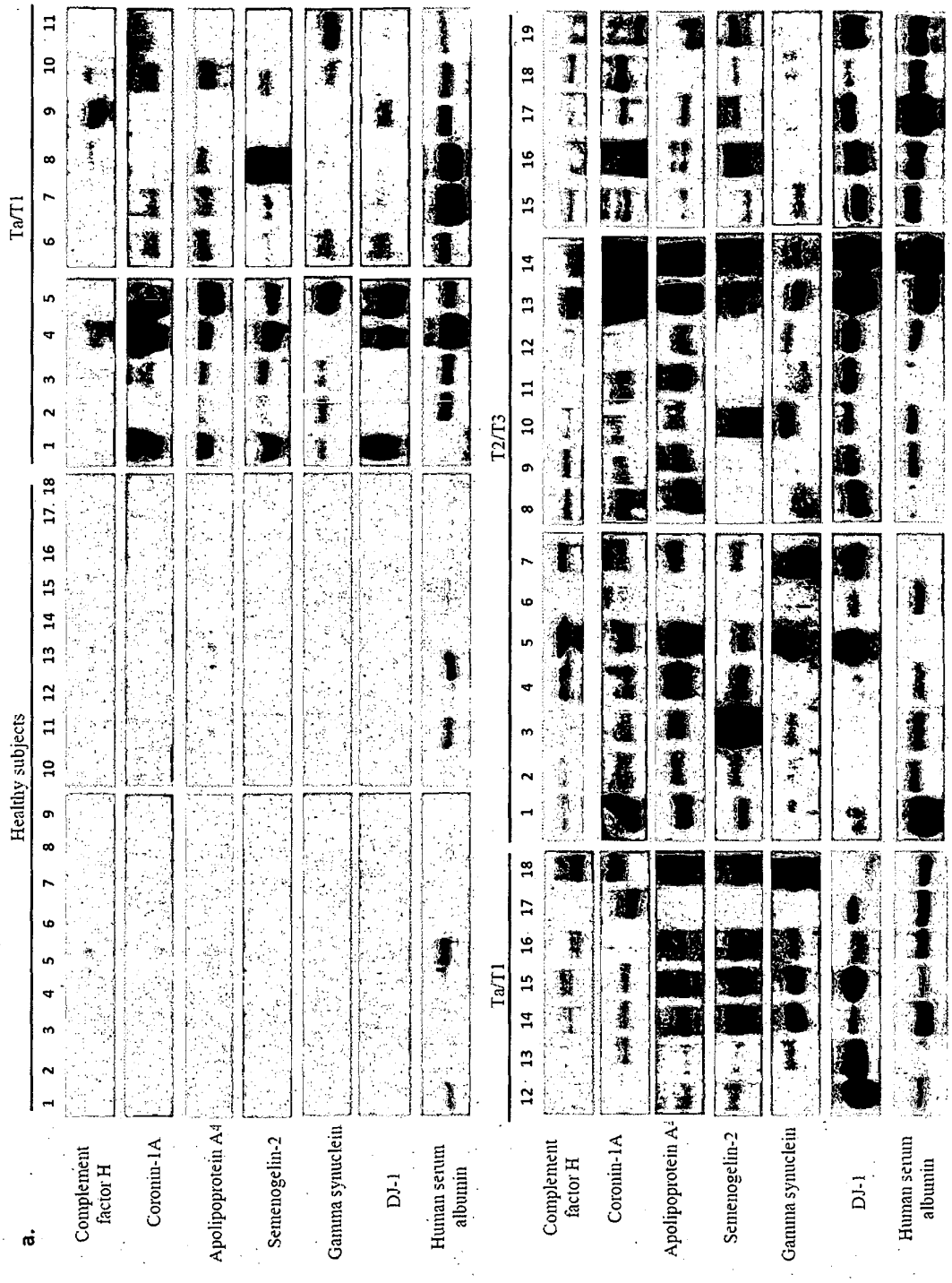

a.
Healthy subjects
Ta/T1
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
Human serum albumin
T2/T3
Ta/T1
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
Human serum albumin

Fig. 9

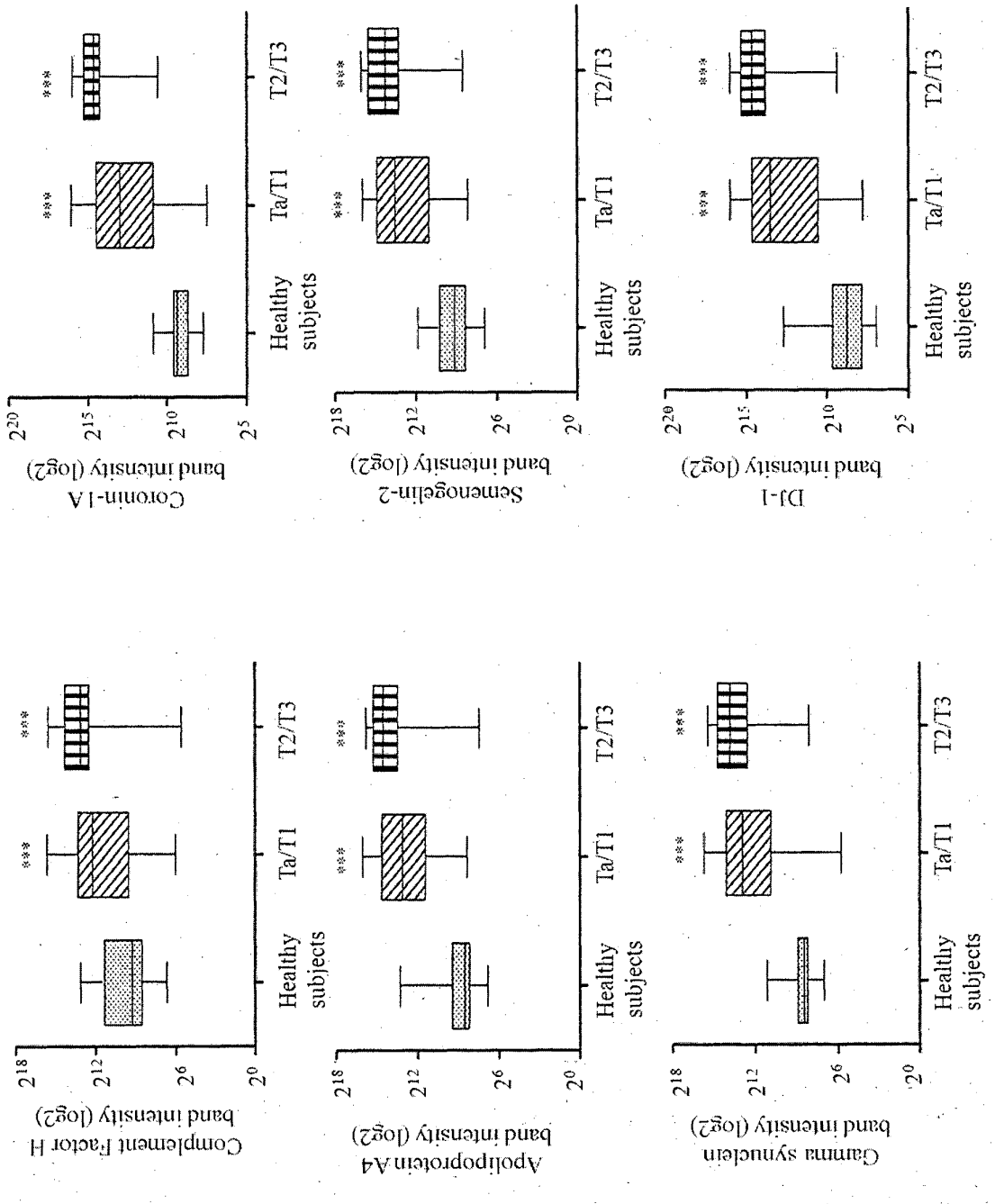

Coronin-1A
band intensity (log2)
Semenogelin-2
band intensity (log2)
Dj-1
band intensity (log2)
Complement Factor H
band intensity (log2)
Apolipoprotein A4
band intensity (log2)
Gamma synuclein
band intensity (log2)
Healthy subjects
Ta/T1
T2/T3
***

Fig. 10

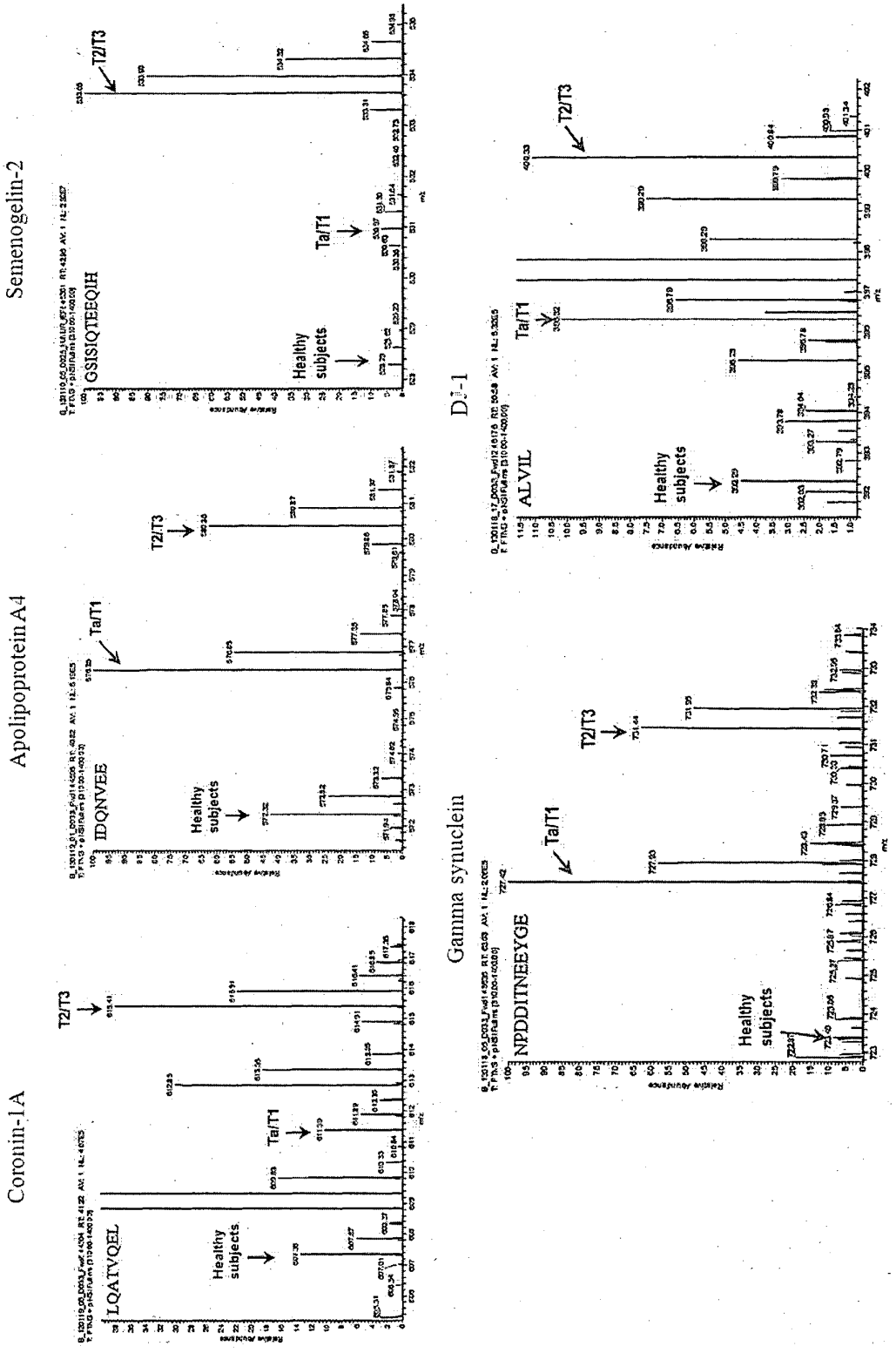

Coronin-1A
LQATVQEL
Healthy subjects
Ta/T1
T2/T3
Apolipoprotein A4
IDQNVEE
Healthy subjects
Ta/T1
T2/T3
Semenogelin-2
GSISIQTEEQIH
Healthy subjects
Ta/T1
T2/T3
Gamma synuclein
NPDDITNEEYGE
Healthy subjects
Ta/T1
T2/T3
DJ-1
ALVIL
Healthy subjects
Ta/T1
T2/T3

Fig. 11

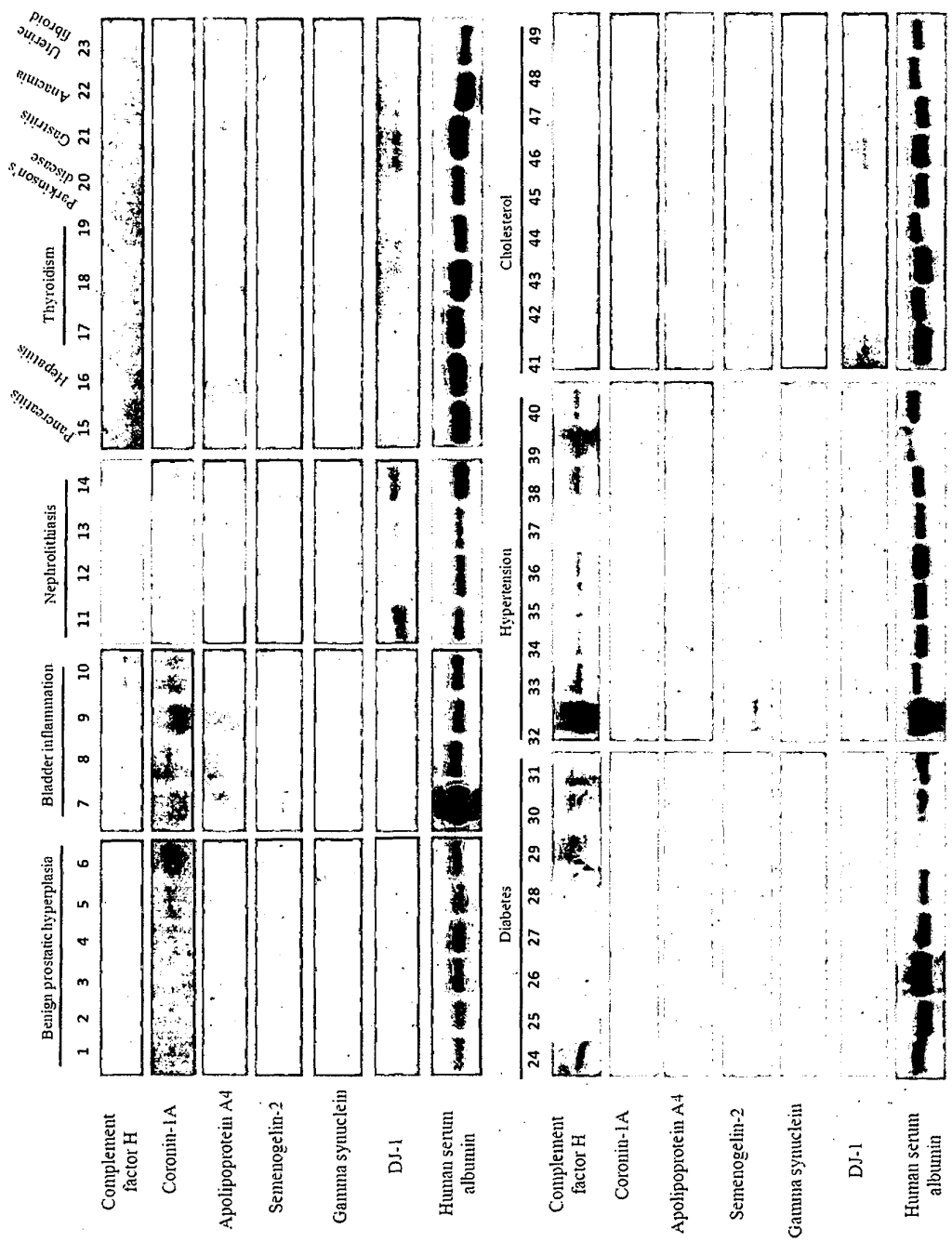


Fig. 12 (continued)

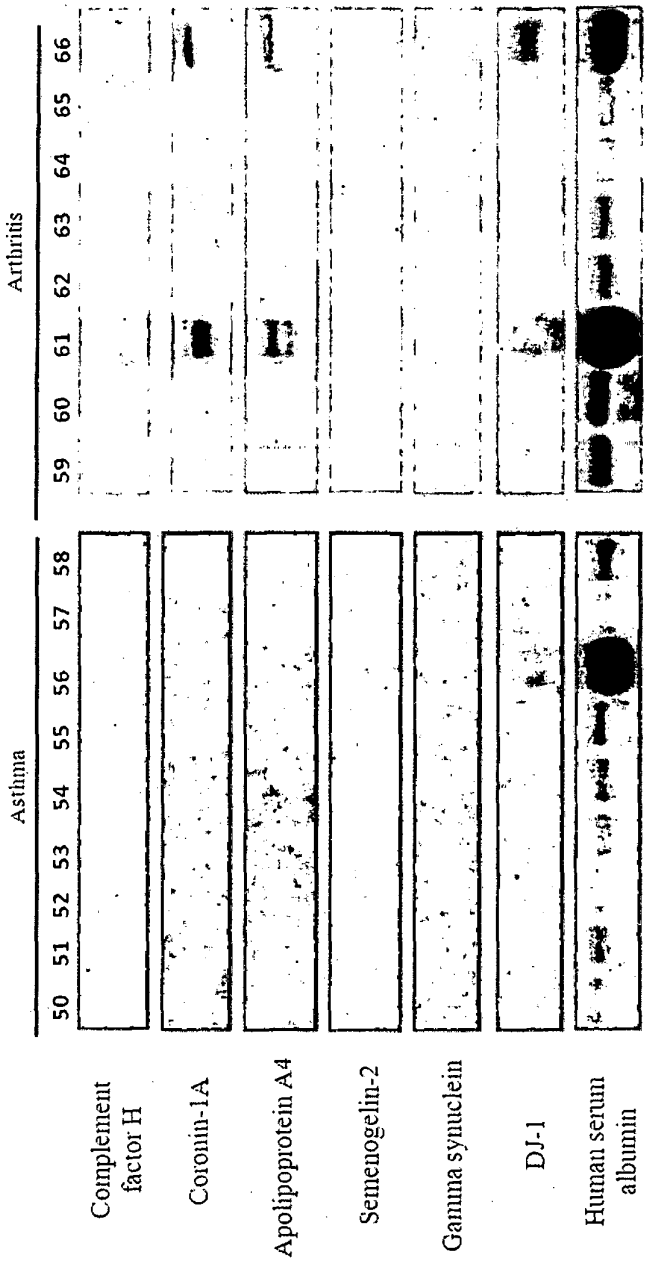

Asthma
Arthritis
50 51 52 53 54 55 56 57 58
59 60 61 62 63 64 65 66
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
Human serum albumin

Fig. 12


Lung
Prostate
Breast
Gastric
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
Human serum albumin
Colon
Endometrium
Uterus
Pancreas
Peritoneum
Parotid
Tongue
Thyroid Gland
Renal
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58
Complement factor H
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma synuclein
DJ-1
Human serum albumin

Fig. 13

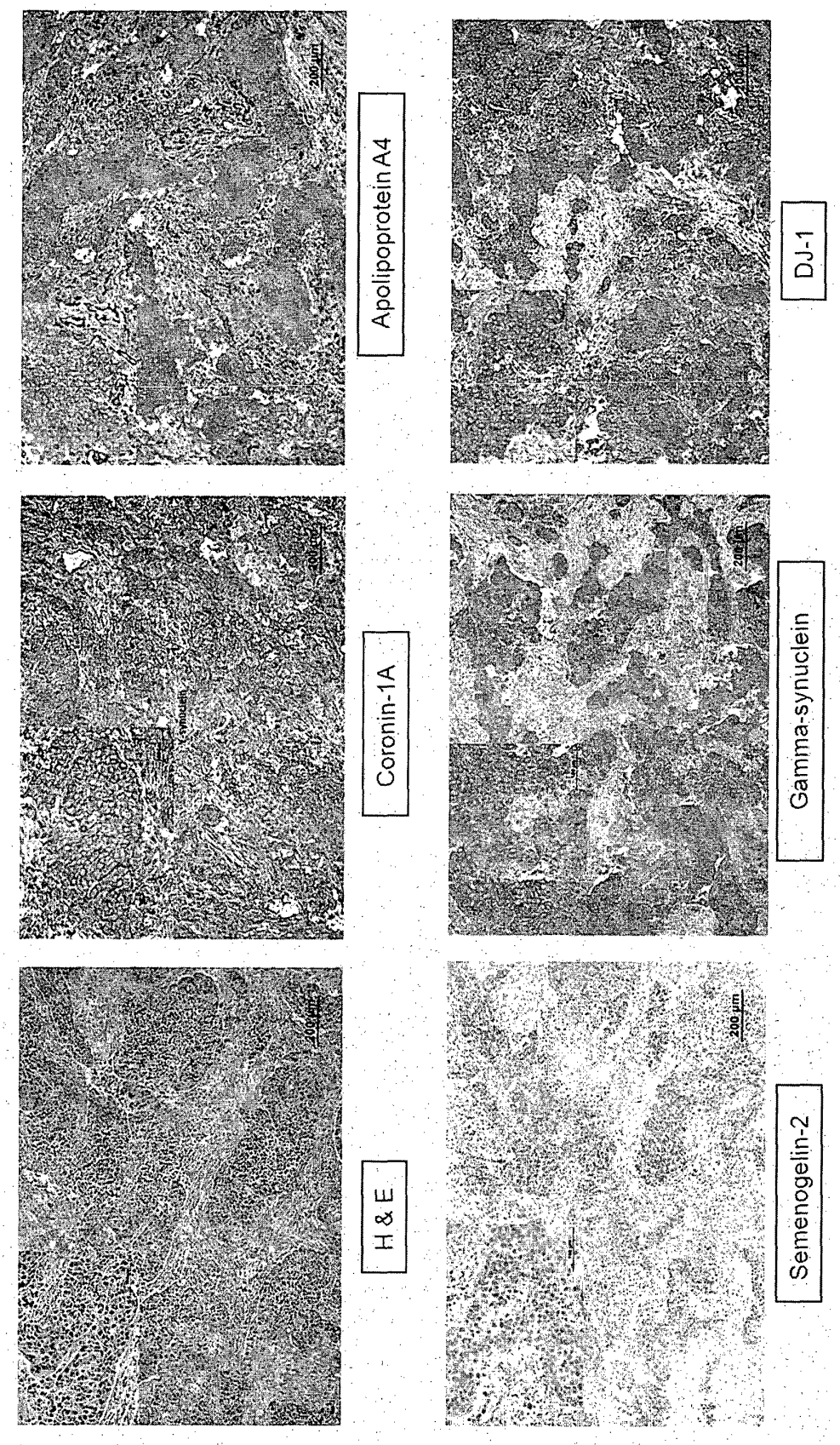

H & E
Coronin-1A
Apolipoprotein A4
Semenogelin-2
Gamma-synuclein
DJ-1
200 µm

Fig. 14