FIG. 1

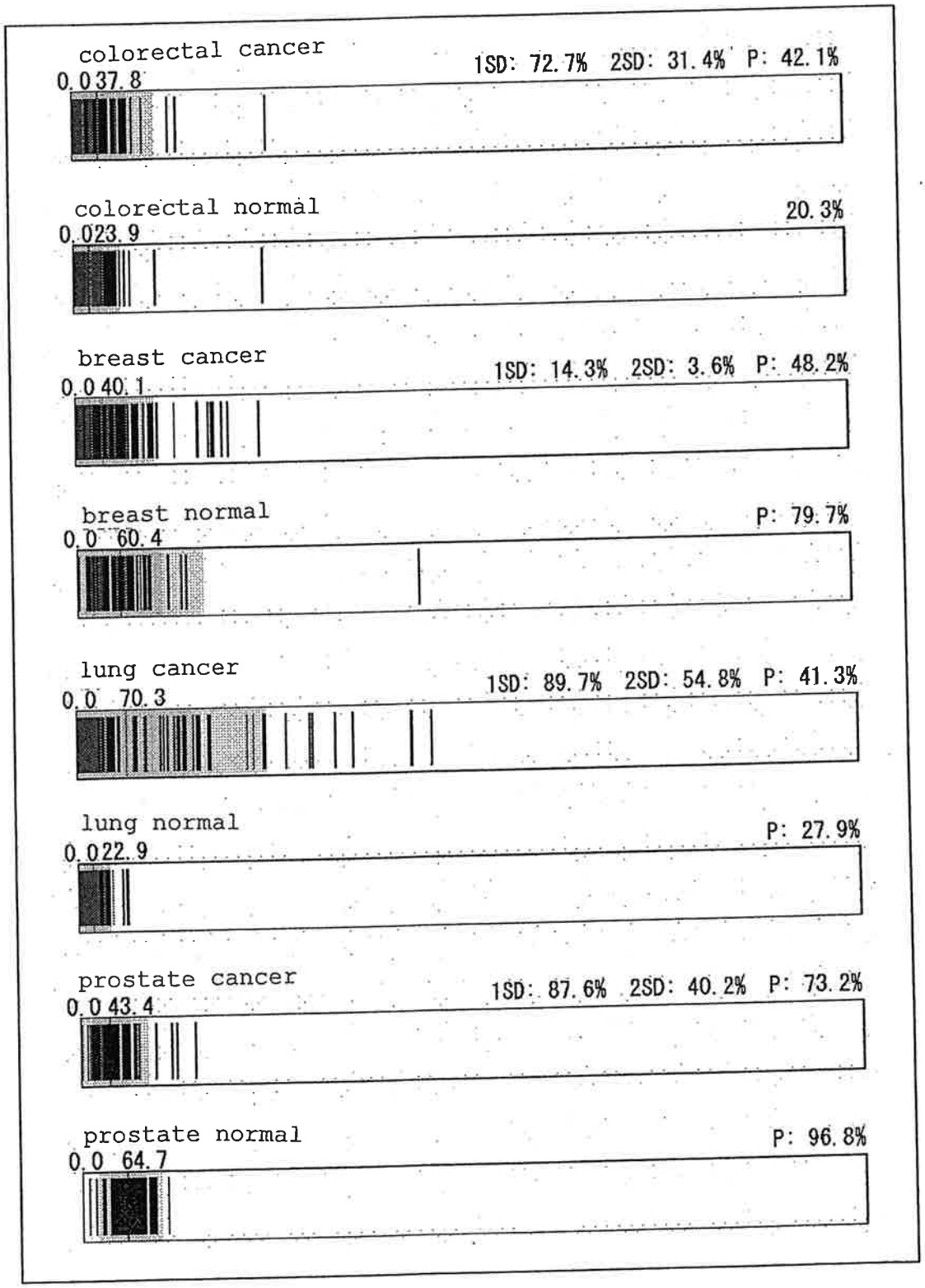

colorectal cancer
0.0 37.8
1SD: 72.7% 2SD: 31.4% P: 42.1%
colorectal normal
0.0 23.9
20.3%
breast cancer
0.0 40.1
1SD: 14.3% 2SD: 3.6% P: 48.2%
breast normal
0.0 60.4
P: 79.7%
lung cancer
0.0 70.3
1SD: 89.7% 2SD: 54.8% P: 41.3%
lung normal
0.0 22.9
P: 27.9%
prostate cancer
0.0 43.4
1SD: 87.6% 2SD: 40.2% P: 73.2%
prostate normal
0.0 64.7
P: 96.8%

FIG. 2A

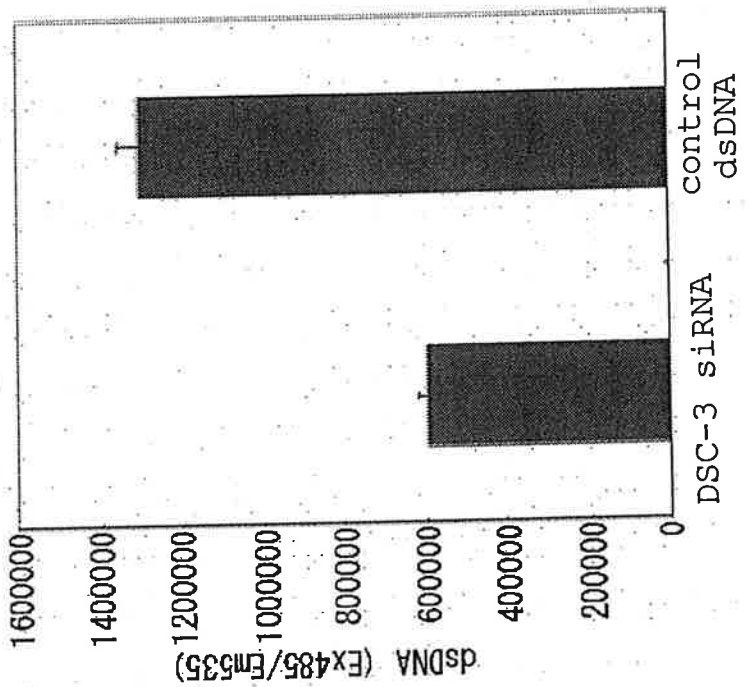

dsDNA (Ex485/Em535)
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
DSC-3 siRNA
control dsDNA

FIG. 2B

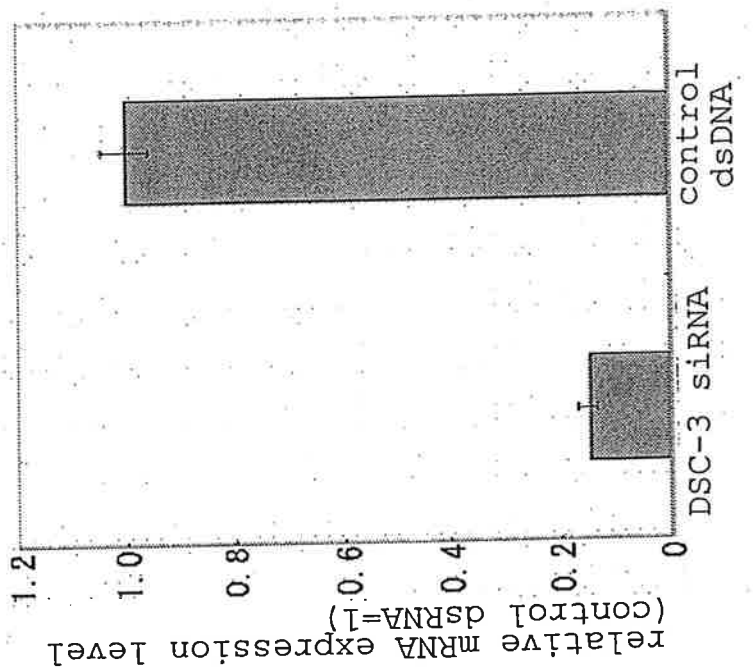

relative mRNA expression level (control dsRNA=1)
1.2
1.0
0.8
0.6
0.4
0.2
0
DSC-3 siRNA
control dsDNA

FIG. 2C

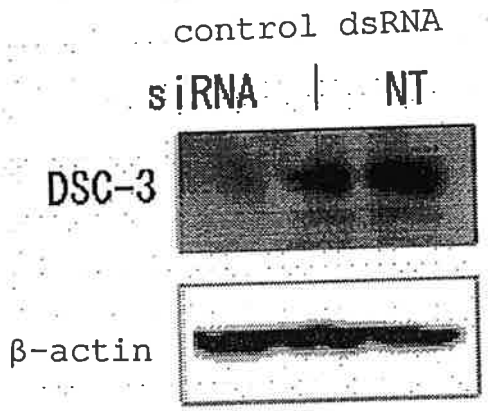


FIG. 3

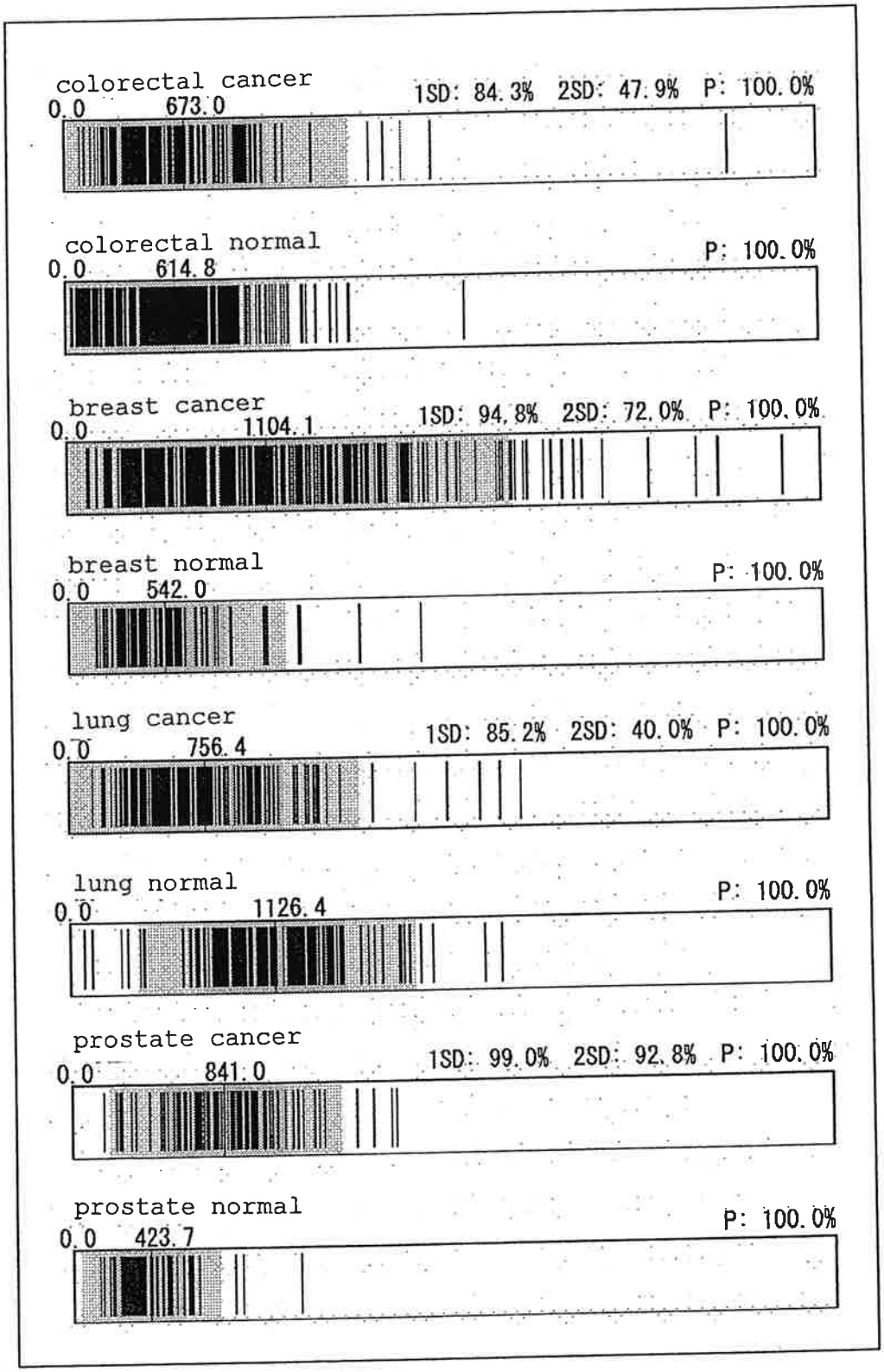

colorectal cancer
0.0
673.0
1SD: 84.3%
2SD: 47.9%
P: 100.0%
colorectal normal
0.0
614.8
P: 100.0%
breast cancer
0.0
1104.1
1SD: 94.8%
2SD: 72.0%
P: 100.0%
breast normal
0.0
542.0
P: 100.0%
lung cancer
0.0
756.4
1SD: 85.2%
2SD: 40.0%
P: 100.0%
lung normal
0.0
1126.4
P: 100.0%
prostate cancer
0.0
841.0
1SD: 99.0%
2SD: 92.8%
P: 100.0%
prostate normal
0.0
423.7
P: 100.0%

FIG. 4A

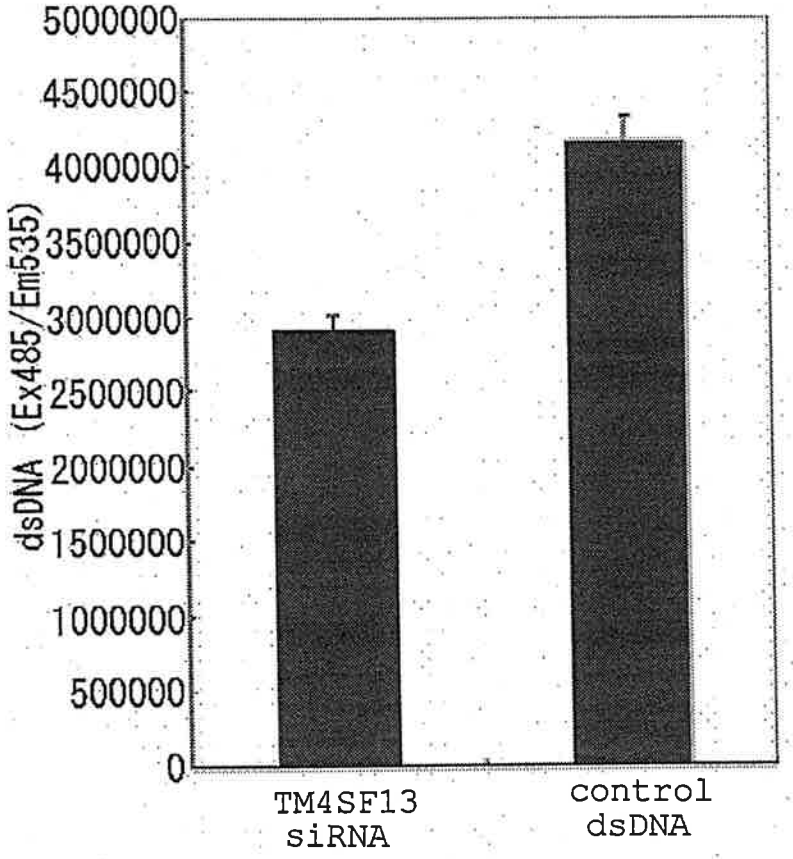

5000000
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
dsDNA (Ex485/Em535)
TM4SF13 siRNA
control dsDNA

FIG. 4B

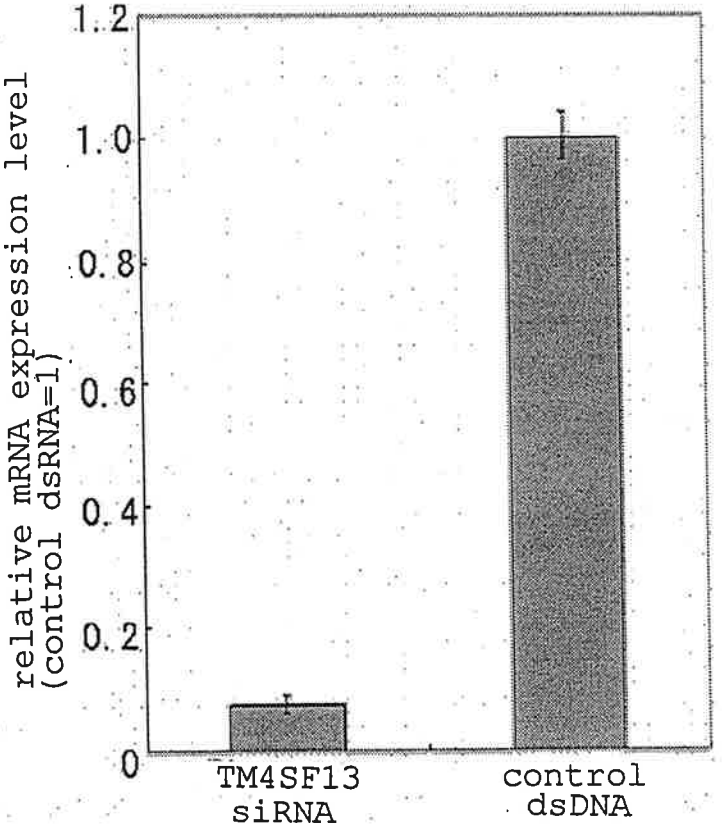

1.2
1.0
0.8
0.6
0.4
0.2
0
relative mRNA expression level (control dsRNA=1)
TM4SF13 siRNA
control dsDNA

FIG. 5

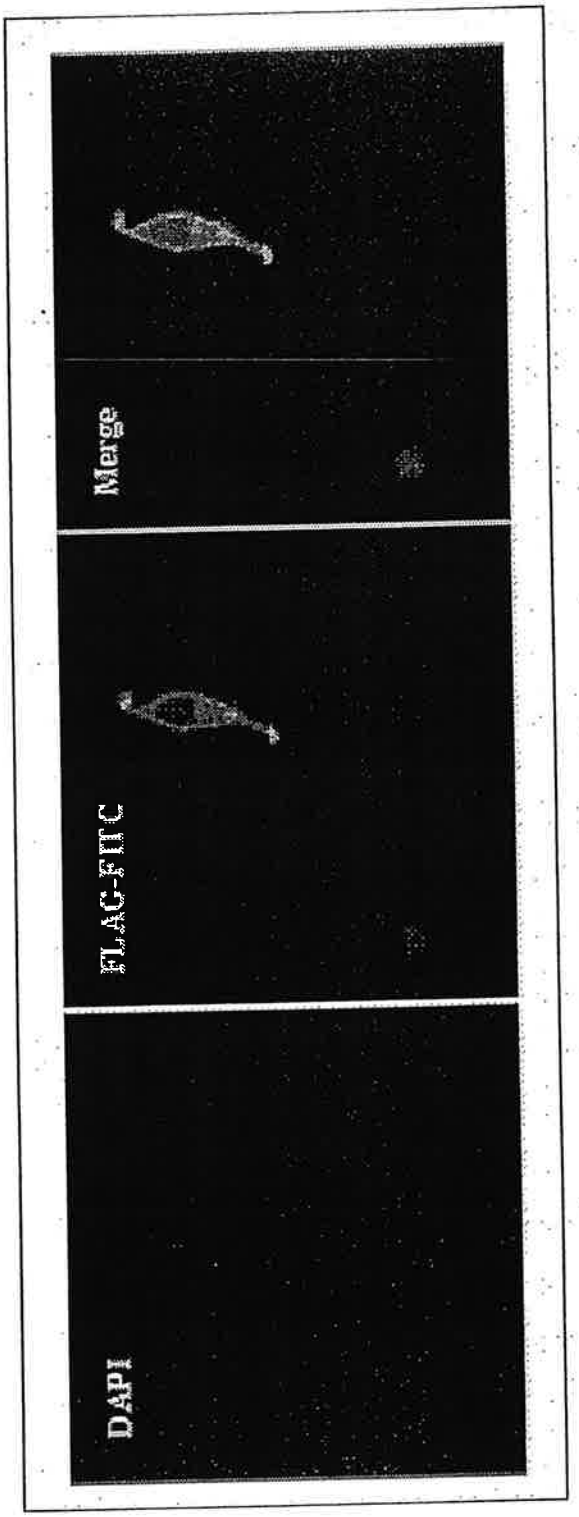


FIG. 6

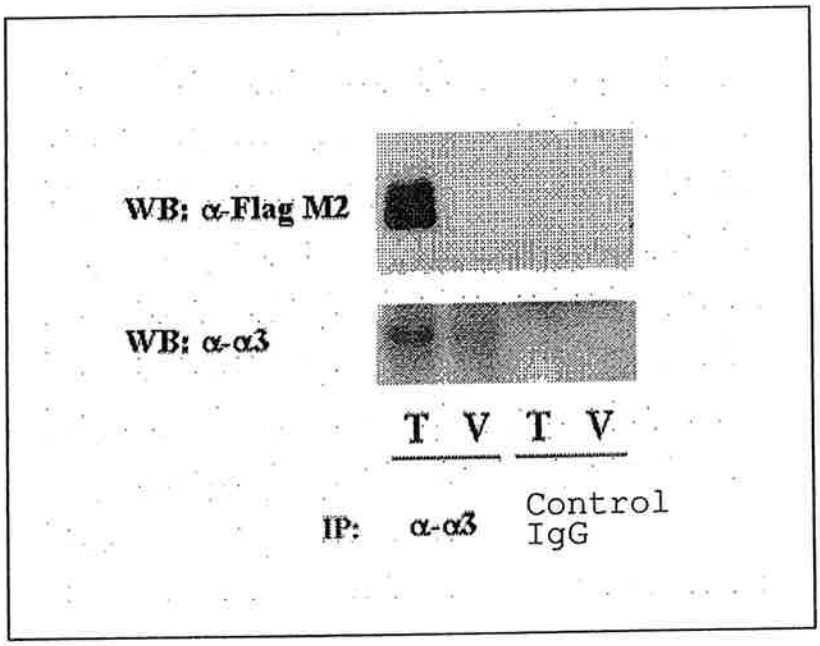
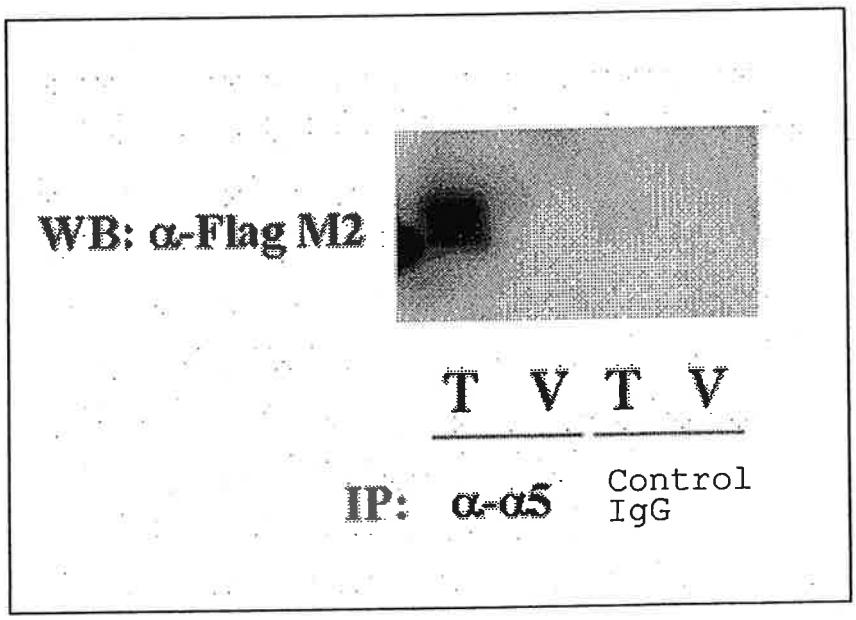

WB: α-Flag M2
WB: α-α3
T V T V
IP: α-α3 Control IgG

FIG. 7


WB: α-Flag M2
T V T V
IP: α-α5 Control IgG