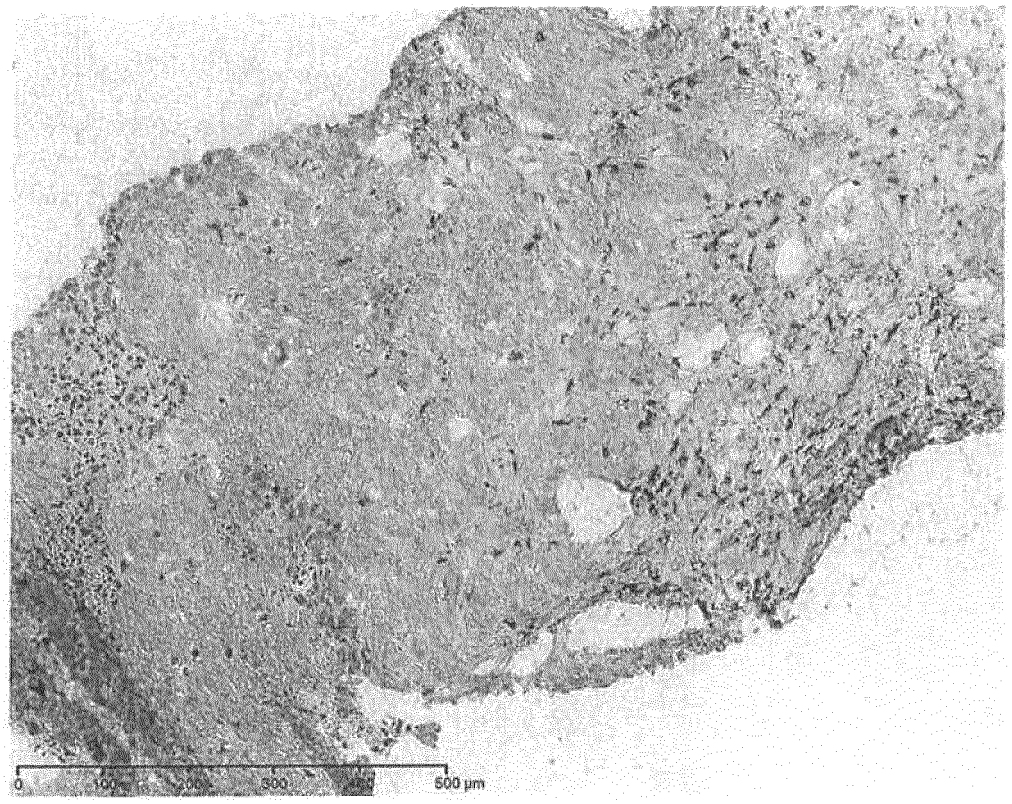
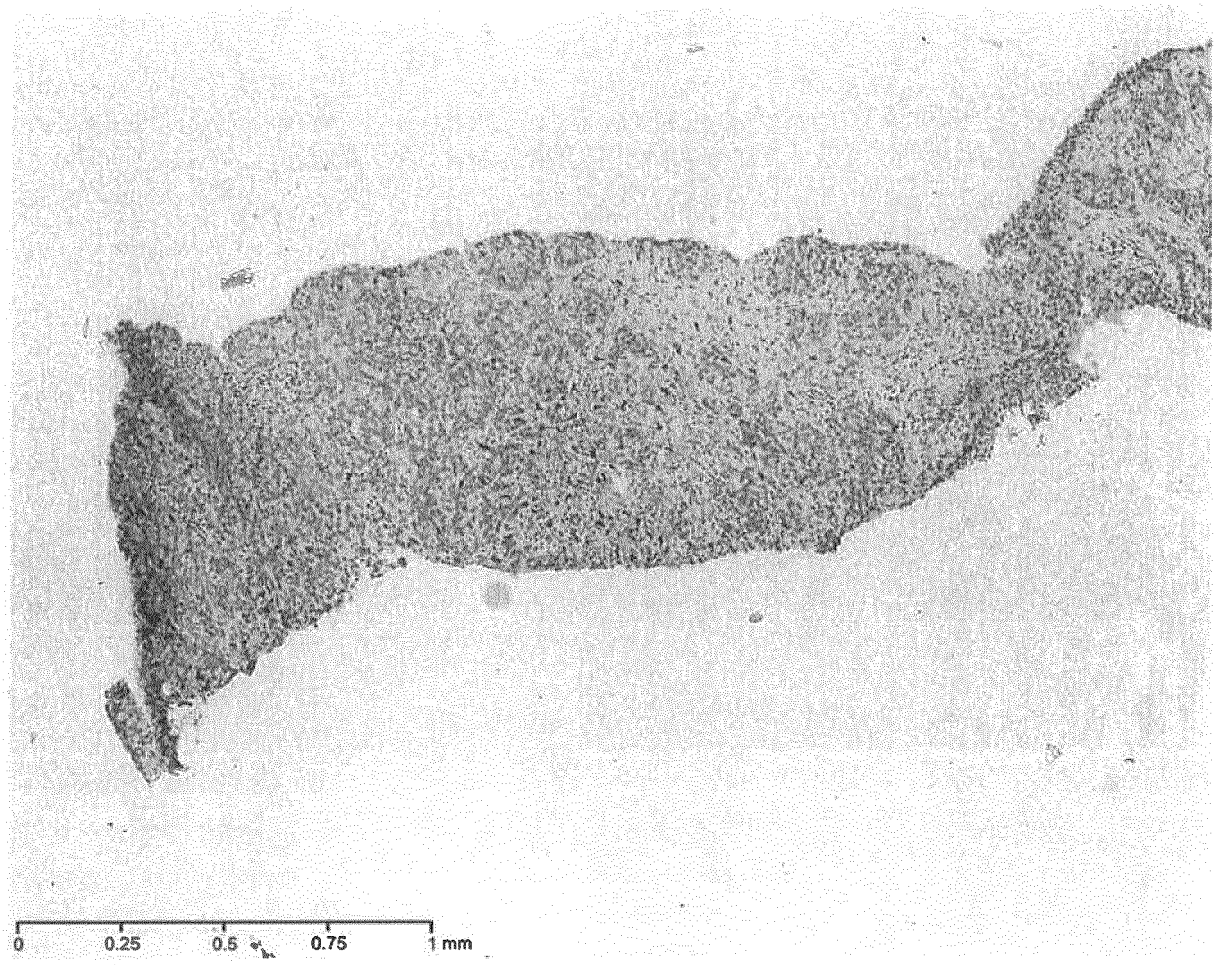


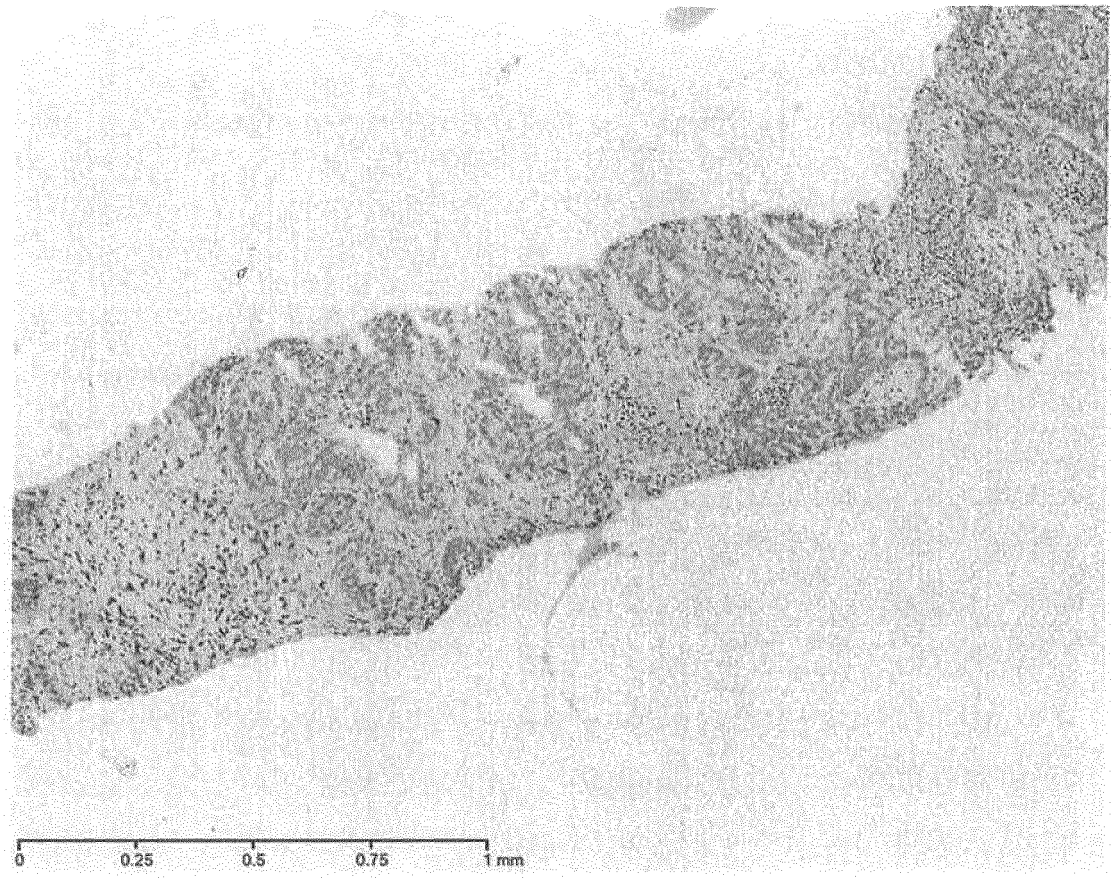
Biopsy 1 (CD3)

Figure 1



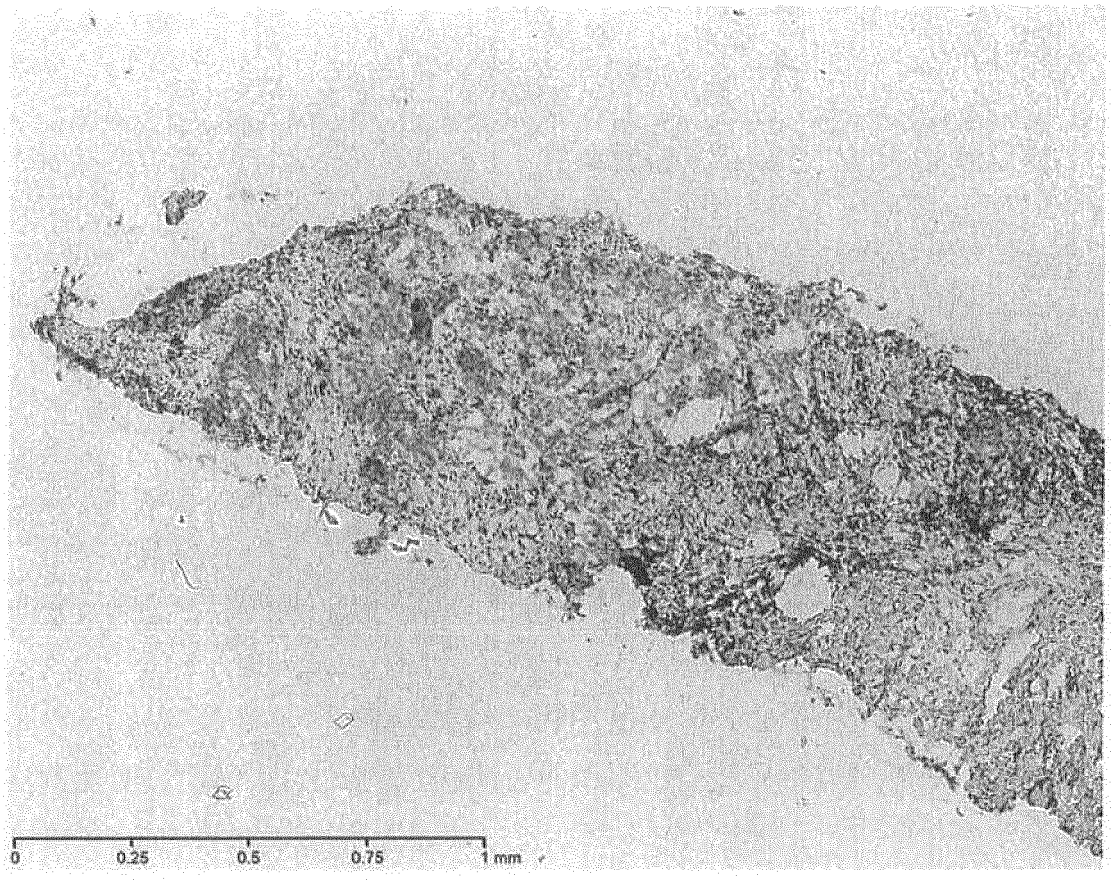
Biopsy 1 (CD8)

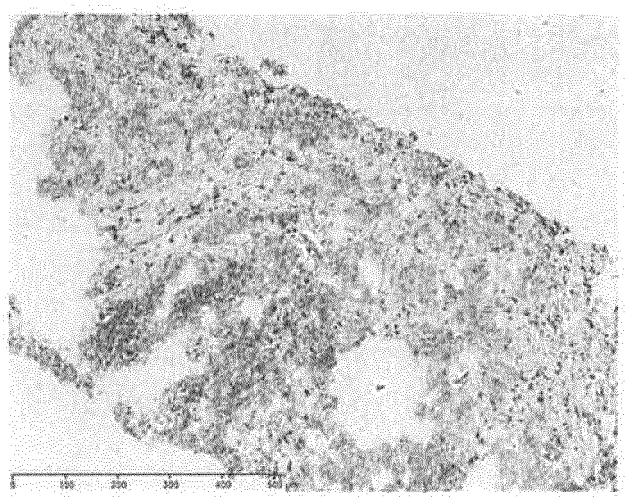
Figure 2



Biopsy 1 (PD-1)

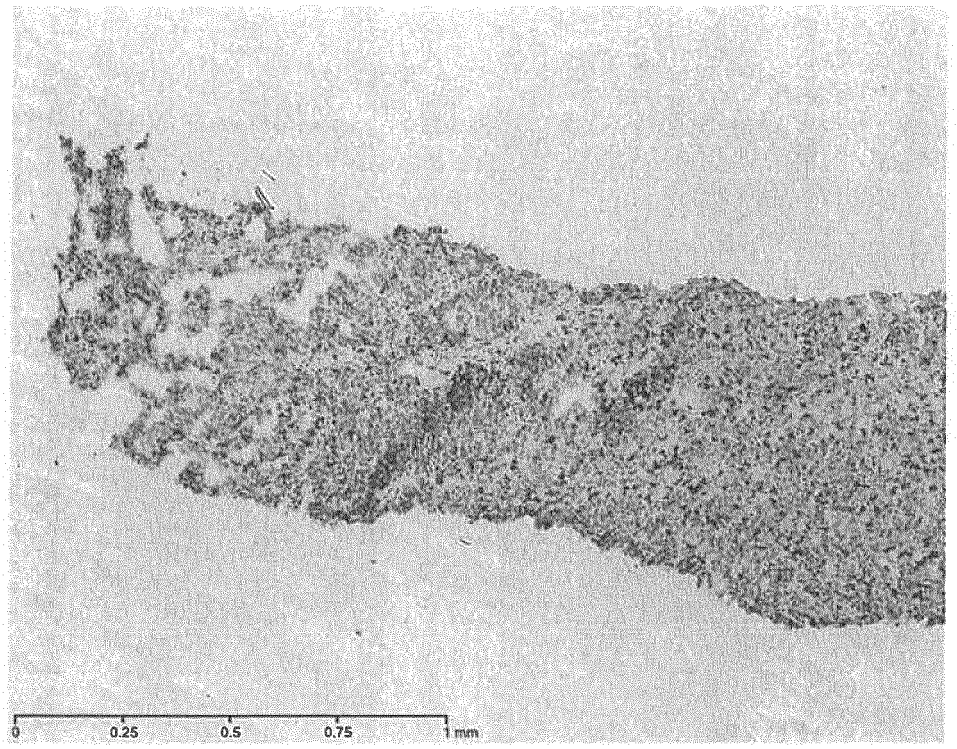
Figure 3

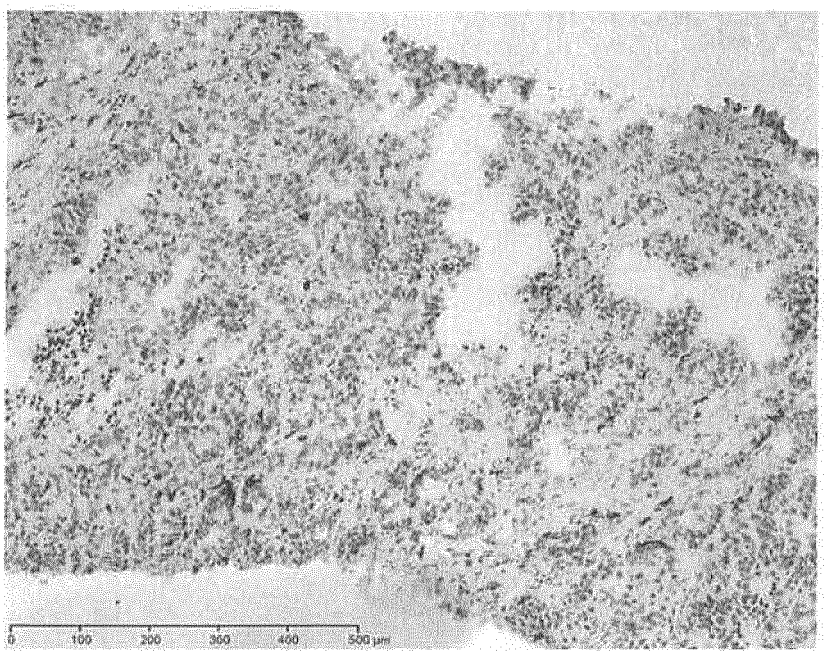




Biopsy 2 (CD3)

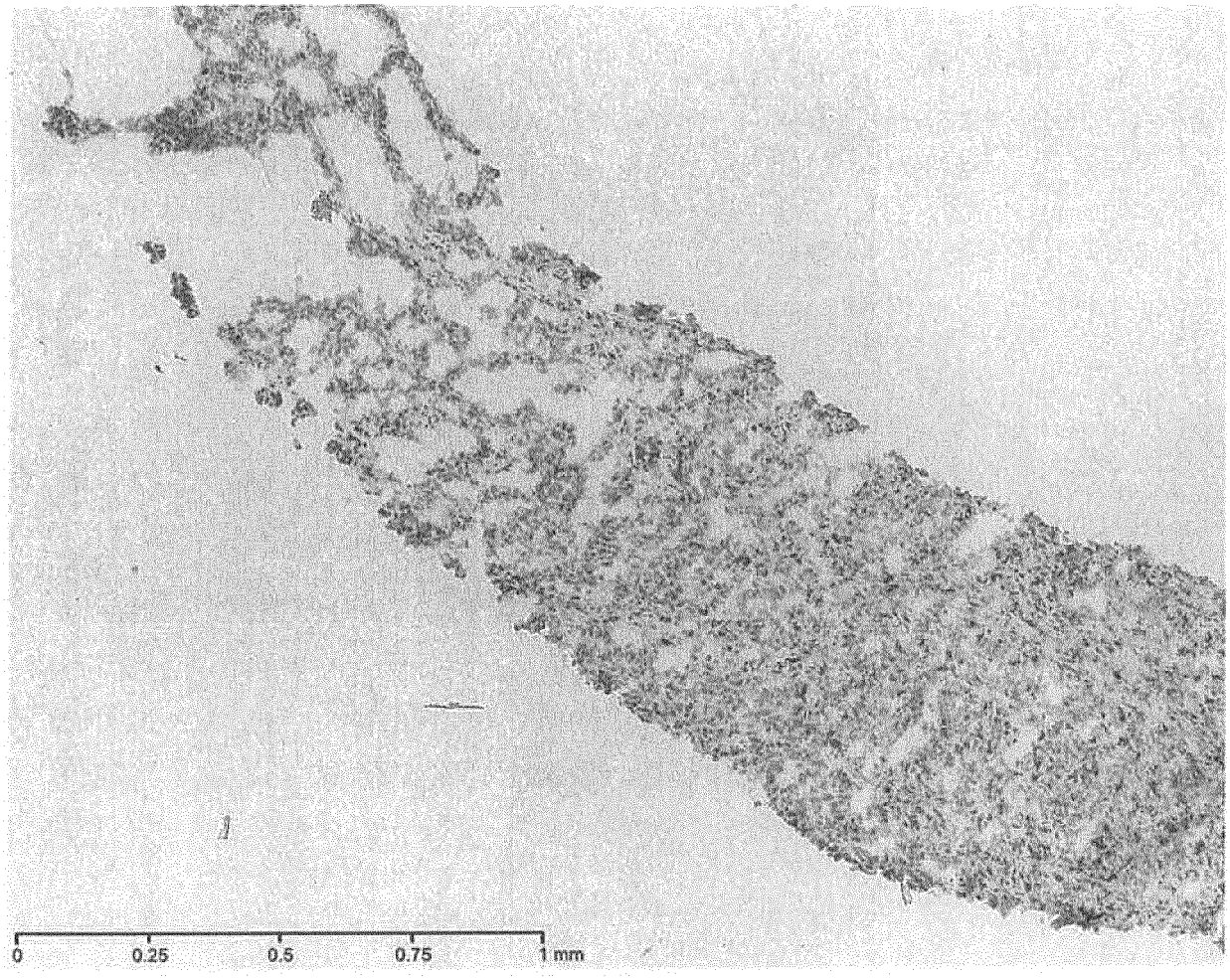
Figure 4





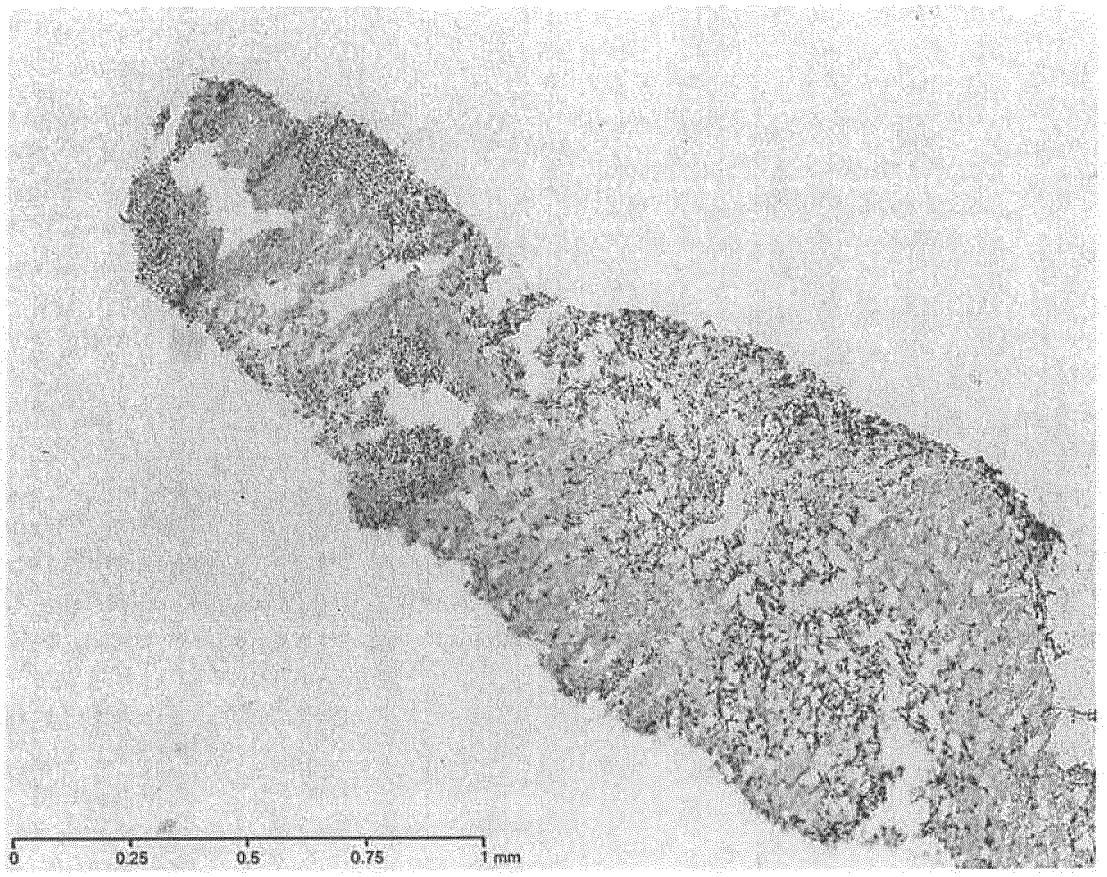
Biopsy 2 (CD8)

Figure 5



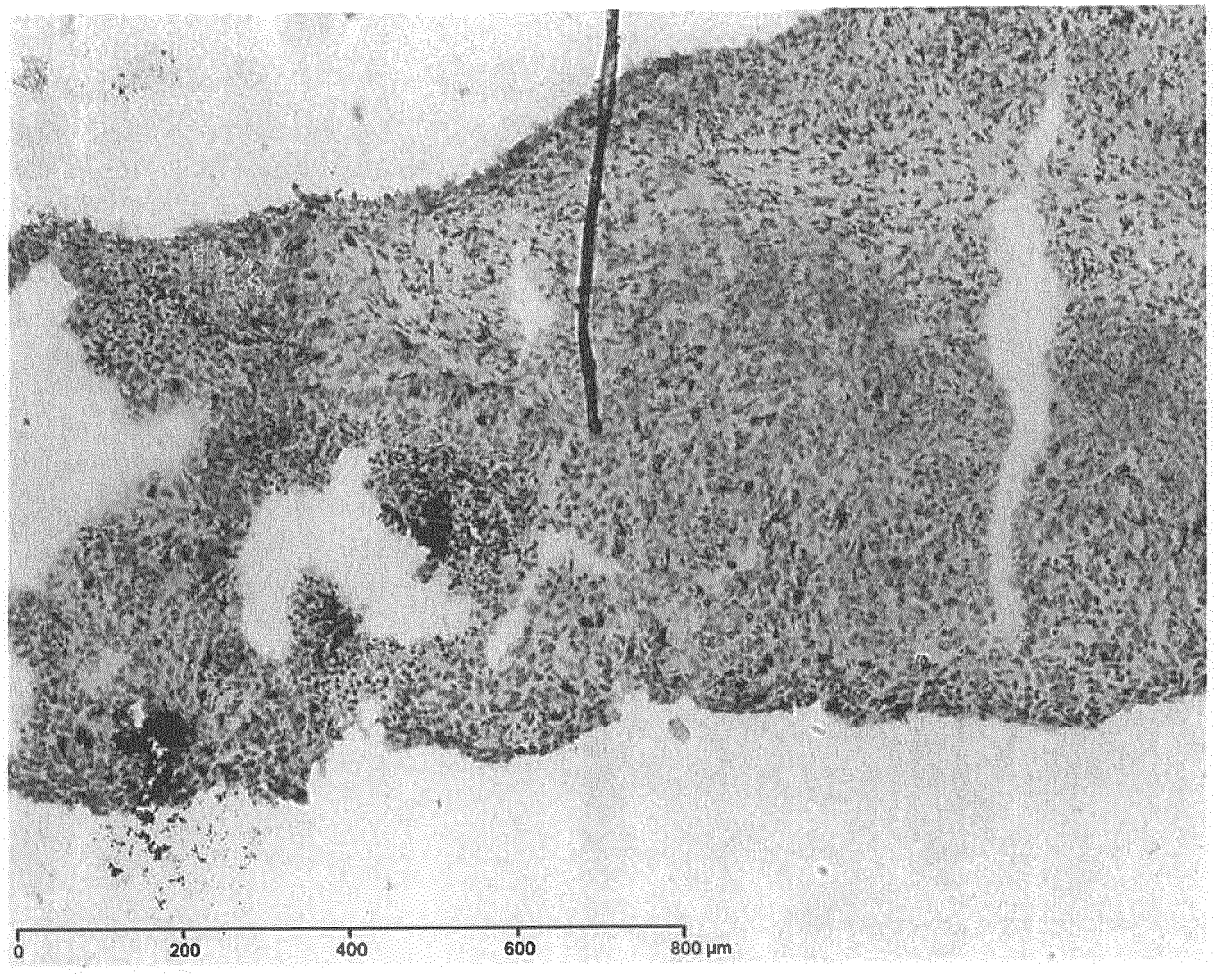
Biopsy 2 (PD-1)

Figure 6



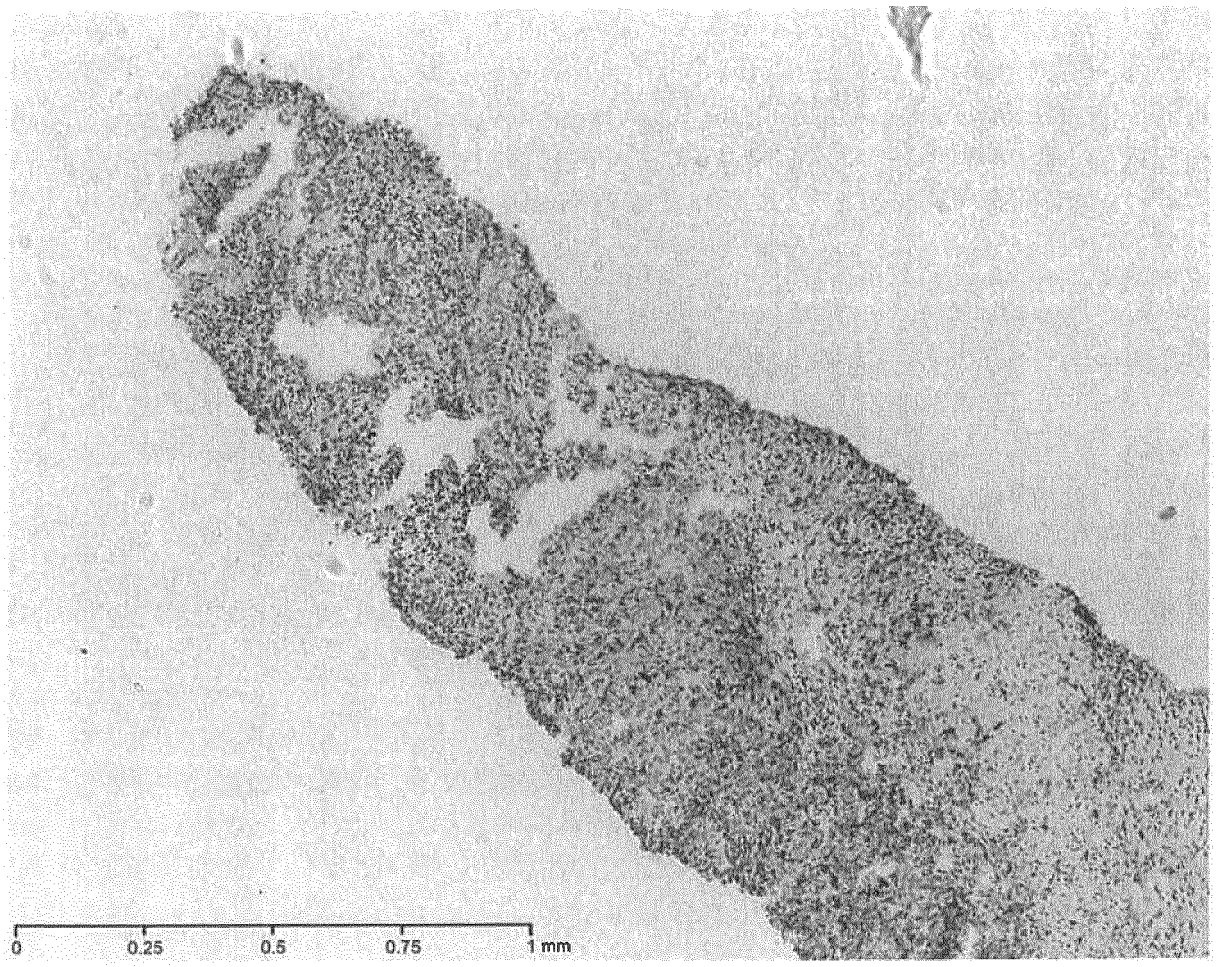
Biopsy 3 (CD3)

Figure 7



Biopsy 3 (CD8)

Figure 8



Biopsy 3 (PD-1)

Figure 9

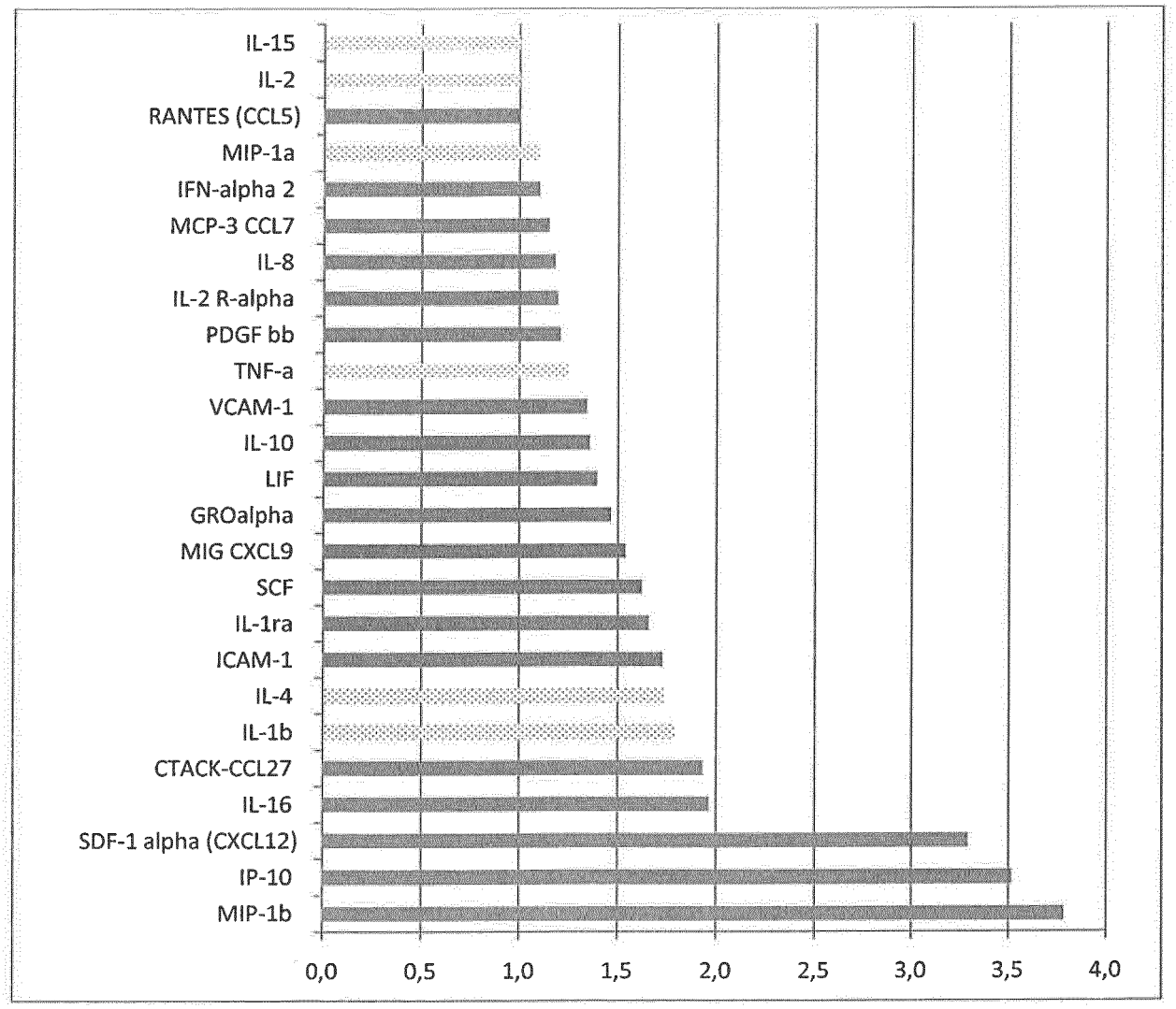

IL-15
IL-2
RANTES (CCL5)
MIP-1a
IFN-alpha 2
MCP-3 CCL7
IL-8
IL-2 R-alpha
PDGF bb
TNF-a
VCAM-1
IL-10
LIF
GROalpha
MIG CXCL9
SCF
IL-1ra
ICAM-1
IL-4
IL-1b
CTACK-CCL27
IL-16
SDF-1 alpha (CXCL12)
IP-10
MIP-1b
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2,5
3,0
3,5
4,0
Ratio (1st Biopsy / Baseline)

Figure 10

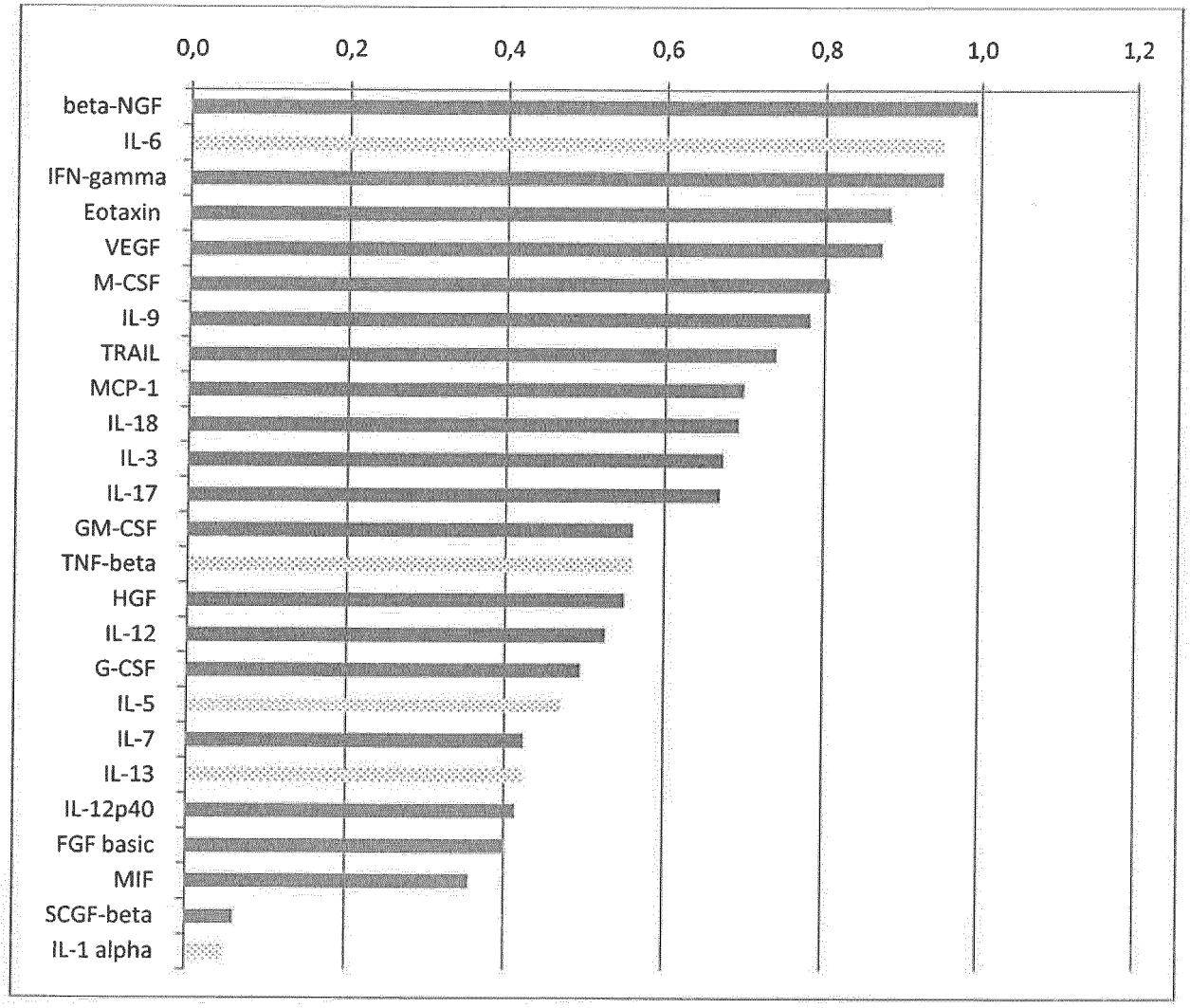
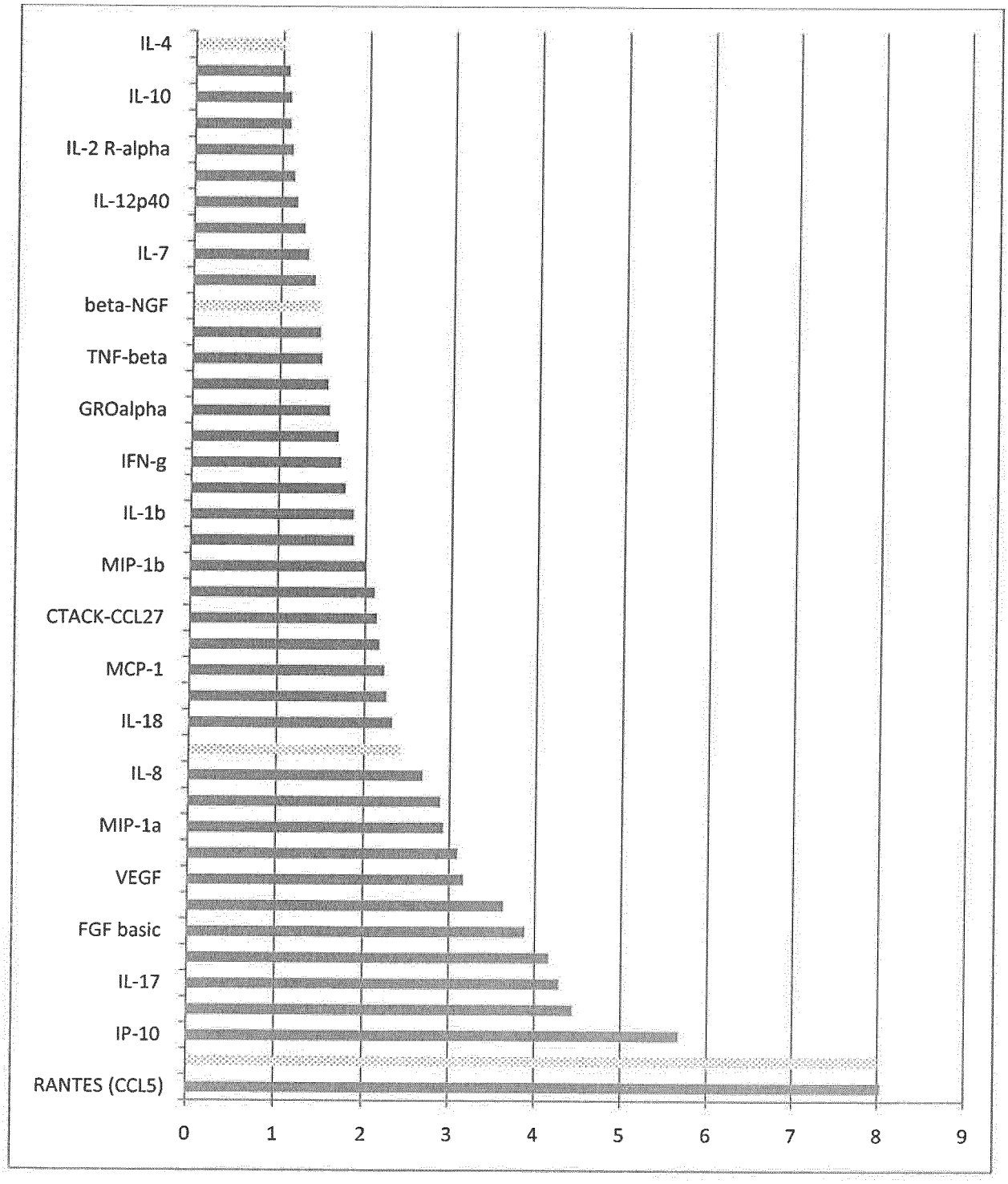
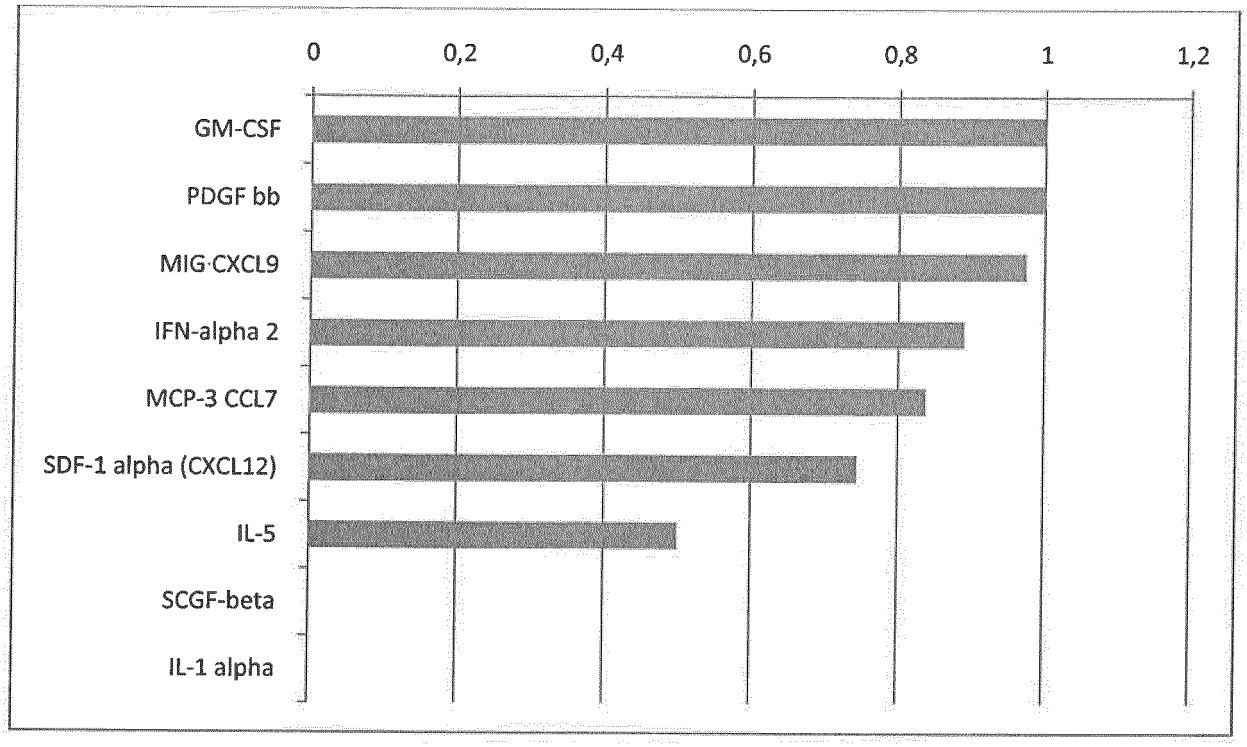

0,0
0,2
0,4
0,6
0,8
1,0
1,2
beta-NGF
IL-6
IFN-gamma
Eotaxin
VEGF
M-CSF
IL-9
TRAIL
MCP-1
IL-18
IL-3
IL-17
GM-CSF
TNF-beta
HGF
IL-12
G-CSF
IL-5
IL-7
IL-13
IL-12p40
FGF basic
MIF
SCGF-beta
IL-1 alpha
Ratio (1st biopsy / Baseline)

Figure 11



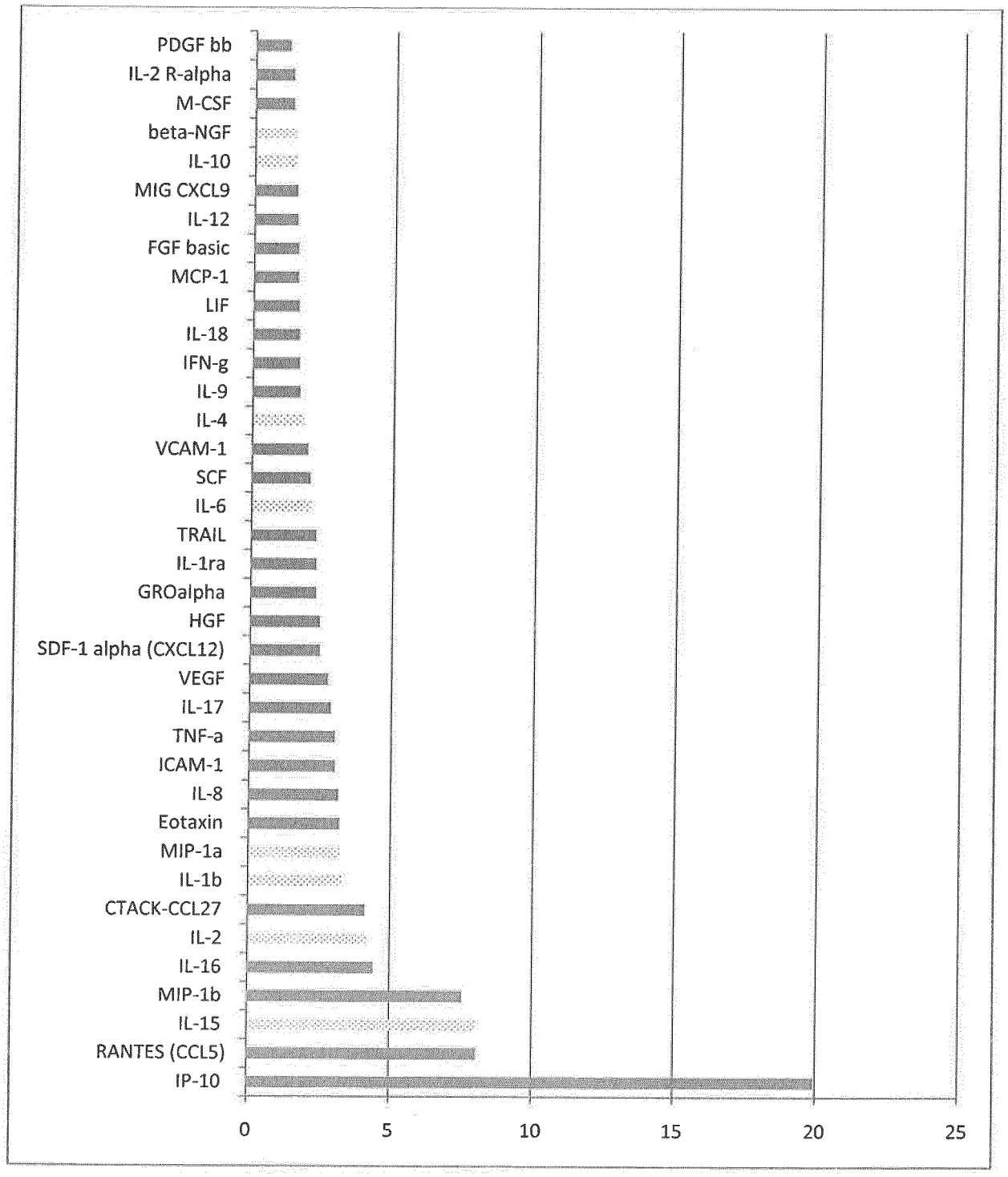
1st biopsy vs. 2nd biopsy

Figure 12



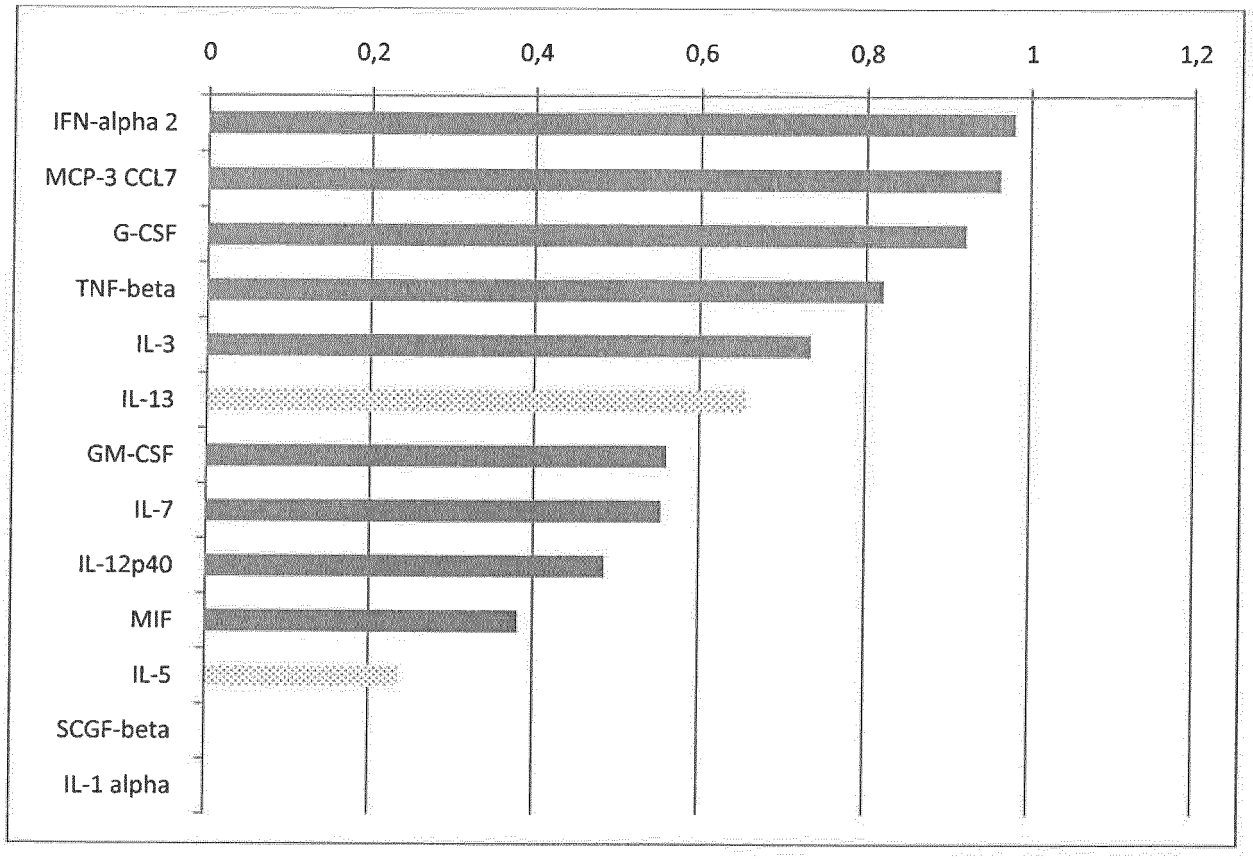
1st biopsy vs. 2nd biopsy

Figure 13



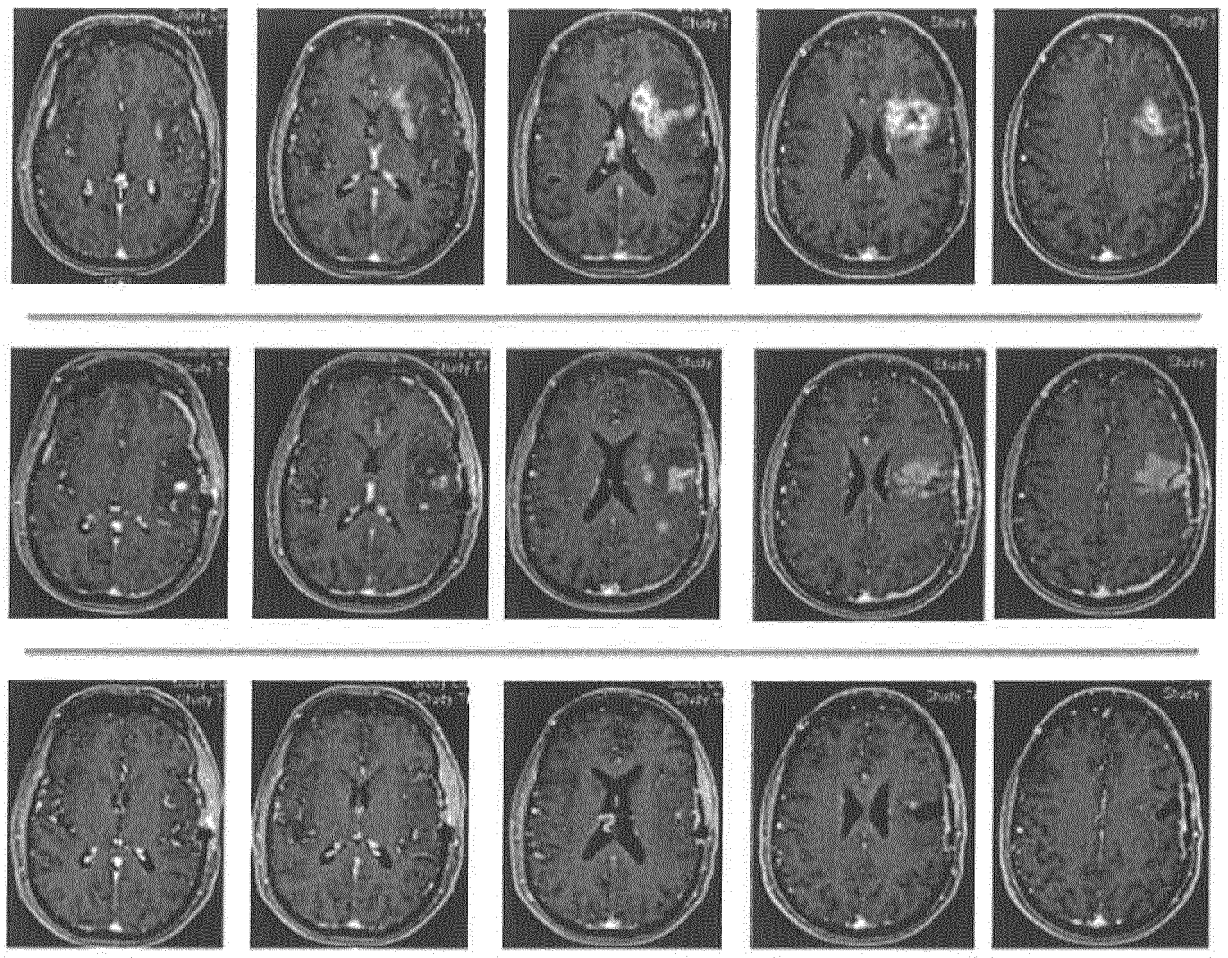
Baseline vs. 2nd biopsy

Figure 14



Baseline vs. 2nd biopsy

Figure 15



MRI of progressing recurrent GBM left temporal-parietal

Figure 16