

Supplementary Table 1 Immunohistochemical staining of ngTMA: list of primary antibodies used.

Antibody	Clone	Host	Clonality	Company	Reference	Dilution
MMP-9	2CS	Mouse	monoclonal	Santa Cruz	sc21733	1:250
S100A8	CF-145	Mouse	monoclonal	Novus biological	NBP1-02826	1:6000
CD3	SP7	Rabbit	monoclonal	Abcam	ab16669	1:400
CD4		Mouse	monoclonal	Novocastra	NCL-368	1:100
CD38		Mouse	monoclonal	Novocastra	NCL-290	1:200
CD20	L26	Mouse	monoclonal	DAKO	IM0755	1:800
FOXP3	236A/E7	Mouse	monoclonal	Abcam	ab20034	1:100
CD68	KP1	Mouse	monoclonal	Dako	M0814	1:4000
MPO		Rabbit	polyclonal	Dako	AO3978	1:5000
CD30	JCM182	Mouse	monoclonal	Novocastra	NCL-591	1:100

Supplementary Table 2 Gene list nanostring analysis.

gene name	accession	full name
RPL19	NM_00981.3	Homo Sapiens ribosomal protein L19 mRNA
TUBB	NM_178014.2	Homo sapiens Tubulin beta mRNA
ABCF1	NM_001090.2	Homo sapiens ATB-binding cassette sub-family F member 1, transcript variant 2 mRNA
ALAS1	NM_000688.4	Homo sapiens aminolevulinate delta- synthase 1 transcript variant 1 mRNA
S100A9	NM_002965.2	S100 calcium binding protein A9 (calprotectin)
S100A8	NM_002964.3	S100 calcium binding protein A8 (calprotectin)
CXCL8	NM_000584.2	Interleukin 8
CSF3	NM_000759.3	Colony stimulating factor 3 (granulocyte)
MPO	NM_000250.1	Myeloperoxidase
CXCL5	NM_002994.3	Epithelial derived neutrophil-activating peptide 78 (ENA-78)
MCL1	NM_182763.1	Myeloid cell leukemia sequence (BCL2 family -> depending on splice variant pro- vs anti-apoptotic)
BCL2A1	NM_004049.2	BCL2 related protein A1 (BFL1) pro-survival
EPCAM	NM_002354.1	Epithelial adhesion molecule
ICAM-1	NM_000201.1	Intercellular adhesion molecule
MMP9	NM_004994.2	Matrix metalloproteinase 9
VEGFa	NM_001025370.1	Vascular endothelial growth factor A
PTPRC	NM_080923.2	Protein tyrosine phosphatase receptor Type C (CD45)
TNF	NM_000594.2	Tumor necrosis factor
IL33	NM_033439.2	Interleukin 33
IL18	NM_001562.2	Interleukin 18
IFNG	NM_000619.2	Interferon gamma
IL17A	NM_002190.2	Interleukin 17 A
IL12A	NM_000882.2	Interleukin 12 p35
IL22	NM_020525.4	Interleukin 22
IL23A	NM_016584.2	Interleukin 23 subunit p19
IL17F	NM_052872.3	Interleukin 17 F

IL1B	NM_000576.2	Interleukin 1 beta
CCL11	NM_002986.2	Eotaxin 1
CCL24	NM_002991.2	Eotaxin 2
CCR3	NM_001837.2	Chemokine (C-C motif) receptor 3
IL5	NM_000879.2	Interleukin 5 (colony stimulating factor eosinophil)
EPX	NM_000502.4	Eosinophil peroxidase
TBX21	NM_013351.1	T-box 21 (T-bet) Th1 cells
GATA3	NM_001002295.1	GATA binding protein 3 Th2 cells
RORC	NM_001001523.1	RAR-related orphan receptor C isoform 2 (ROR gamma t) Th17 cells
FOXP3	NM_001114377.1	Forkhead box P3 Tregs
CXCL10	NM_001565.1	Interferon gamma-induced protein 10 (IP-10)
CD68	NM_001251.2	CD68 molecule
CCL2	NM_002982.3	Monocyte chemoattractant protein 1 (MCP1)
CCR2	NM_001123041.2	Chemokine (c-c motif) receptor 2
TREM1	NM_018643.3	Triggering receptor expressed on myeloid cells 1
TREM2	NM_018965.3	Triggering receptor expressed on myeloid cells 2
CSF2	NM_000758.2	Colony stimulating factor 2 (granulocyte / monocyte)
ATG5	NM_004849.2	Autophagy related gene 5