

Setup

Segmentation

Analysis

Output

Cell properties

9

analysis of control samples

determine threshold

10

Off

On

batch

get cell properties

NET criteria

cell area fold increase

3

nuclei deformation

0.25

DNANET area

0.7

Cell data

image nr	cell count	NETs (%)
1	81	93.8272
2	53	90.5660
3	64	90.6250
4	61	93.4426
5	64	90.6250
6	7	71.4286
7	7	71.4286
8	25	100
9	32	87.5000
10	37	78.3784
11	81	93.8272
12	53	90.5660
13	64	90.6250
14	37	78.3784
15	67	95.5224

11

Off

On

batch

analyze NETs

NETs (%)

Summary statistics

image count

15

cell count

733

NETs (%)

90.59

control NETs (%)

25.87

sample type

PMA

PMA\_don1\_20x001.nd2

PMA\_don1\_20x002.nd2

PMA\_don1\_20x003.nd2

PMA\_don1\_20x004.nd2

PMA\_don1\_20x005.nd2

PMA\_don2\_20x001.nd2

PMA\_don2\_20x002.nd2

PMA\_don2\_20x003.nd2

PMA\_don2\_20x004.nd2

PMA\_don2\_20x005.nd2

PMA\_don3\_20x001.nd2

PMA\_don3\_20x002.nd2

PMA\_don3\_20x003.nd2

PMA\_don3\_20x004.nd2

PMA\_don3\_20x005.nd2

display image data