

Setup

Segmentation

Analysis

Output

1

File paths

sourceC:\Users\guest\Desktop\All donorsget path

targetC:\Users\guest\Desktop\Analysisget path

load previous analysis

2

Naming convention

DNA channel namedna

NET channel namednet

control folder namecontrol

3

Image information

load image informationwill load first image from control data set

image typestack

image extension.nd2

size X1344pixels

size Y1024pixels

bit depth12bits

pixel size0.3225μm

channel 1 nameTxRed

channel 2 nameDAPI

4

Channel order

DNA channelDAPI

NET channelTxRed

process all steps

5

5-12

prepare data

batch all

sample typePMA

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