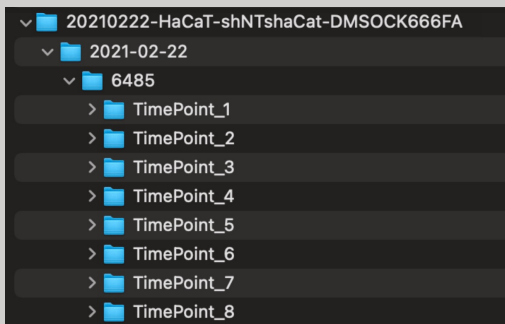


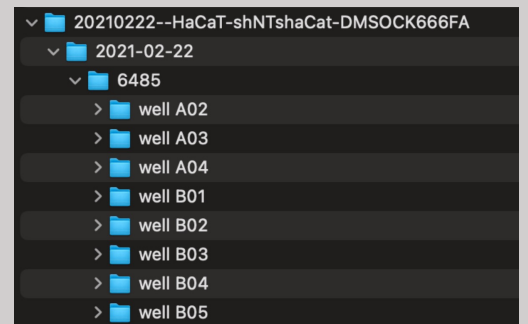
A

ImageReorganizer.m (MATLAB)

Images organized by timepoint



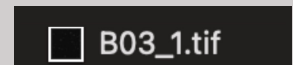
Images organized by well



Single-timepoint TIF images



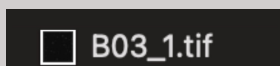
TIF stack for each imaging site



B

TrackMate_Headless_Mod.groovy (FIJI/Groovy)

TIF stack for each imaging site



XML of cell traces for each imaging site

[illegible]

C

TrackMateAnalysis.m (MATLAB)

XML of cell traces for each imaging site

[illegible]

MATLAB output file

Tables		
14x2 table		
	1 tables1	2 tables2
1 File name	'B03_1'	'B03_2'
2 All tracks	<i>1x477 st...</i>	<i>1x420 st...</i>
3 Bulk mean motility	0.8240	0.8740
4 Bulk stdev motility	0.4635	0.6924
5 Bulk mean distance	53.0164	59.7165
6 Bulk stdev distance	36.1149	42.6722
7 Bulk mean trajectory	156.4040	163.8820
8 Bulk stdev trajectory	115.6055	115.6941
9 Filtered mean motility	0.7990	0.8370
10 Filtered stdev motility	0.4515	0.6046
11 Filtered mean distance	54.1578	60.9815
12 Filtered stdev distance	37.3986	43.8277
13 Filtered mean trajectory	77.1496	82.1620
14 Filtered stdev trajectory	52.7290	56.3633