

SSFA comparison

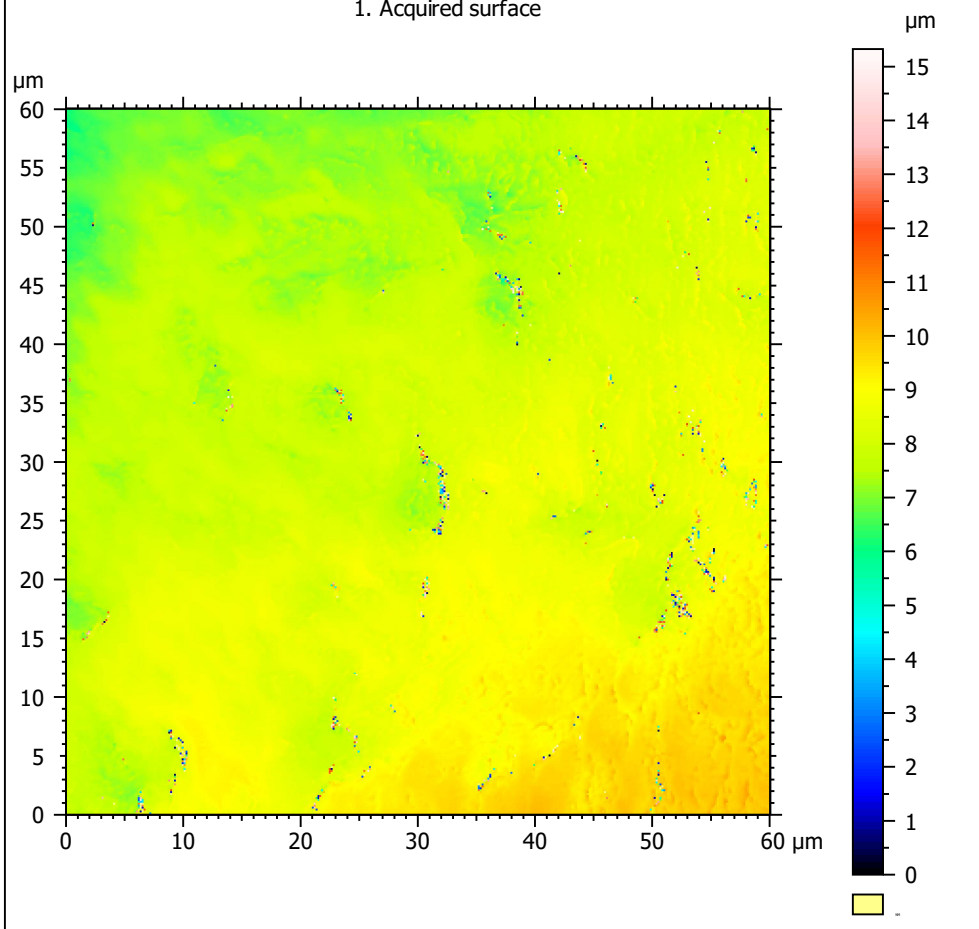
Template to process all surfaces acquired with the Nanofocus μ surf Custom with the 100x/0.80 objective.

A. Processing

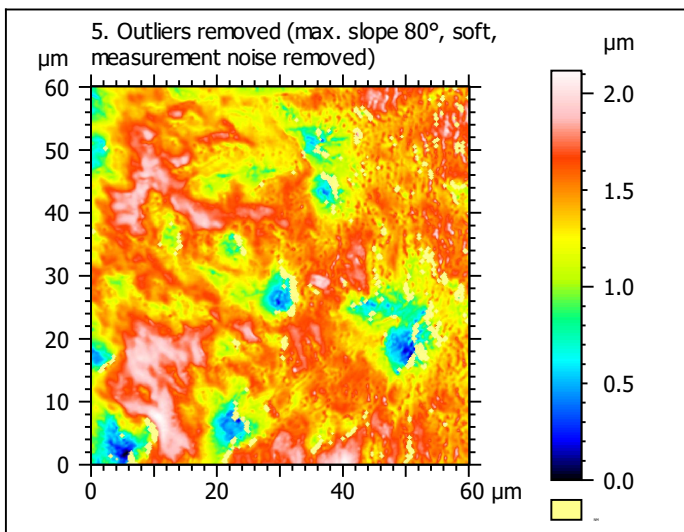
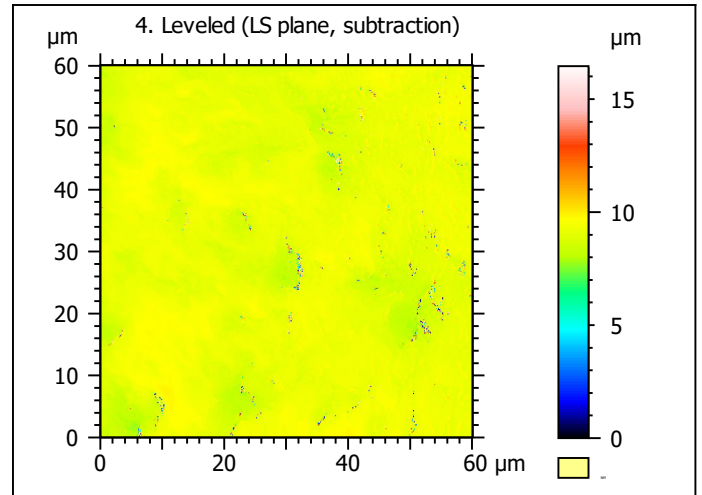
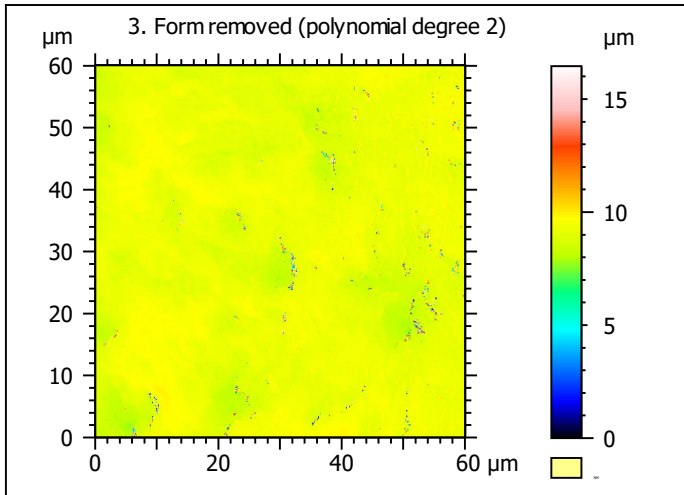
Identity card

Name:	capor_2CC5R2_txP4_#1_1_100xL_4		
File path:	D:\Data\3Ddata\SSFA\GuineaPigs\Original surfaces\capor_2CC5R2_txP4_#1_1_100xL_4.nms		
Studiable type:	Surface		
Axis:	X		
Length:	60.06	µm	
Size:	370	points	
Spacing:	0.1628	µm	
Axis:	Y		
Length:	60.06	µm	
Size:	370	points	
Spacing:	0.1628	µm	
Axis:	Z		
Layer type:	Topography		
Length:	15.32	µm	
Size:	63167	digits	
Spacing:	0.0002426	µm	
NM-points ratio:	0.1052 % (144 Pts)		

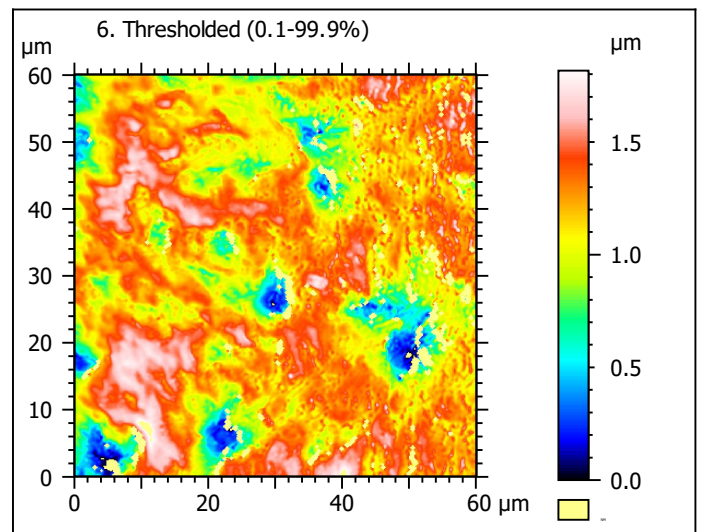
1. Acquired surface



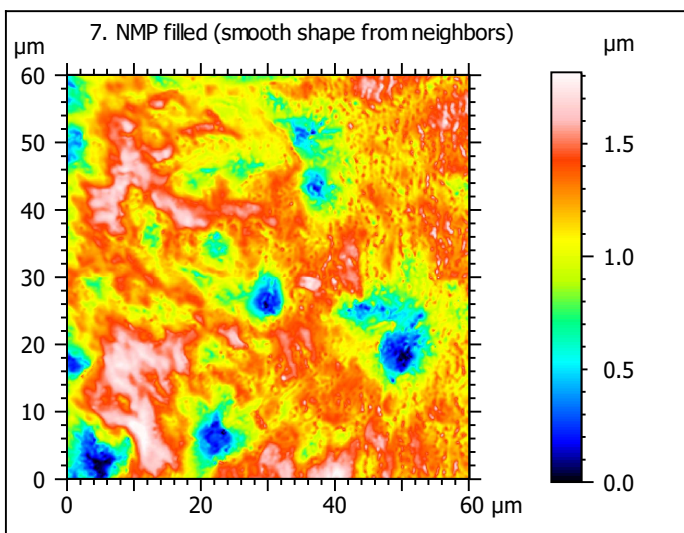
Note that the surfaces have been preprocessed (mirrored in z and cut to 60x60 μ m) according to Winkler et al. (2019), PNAS 116: 1325-1330.



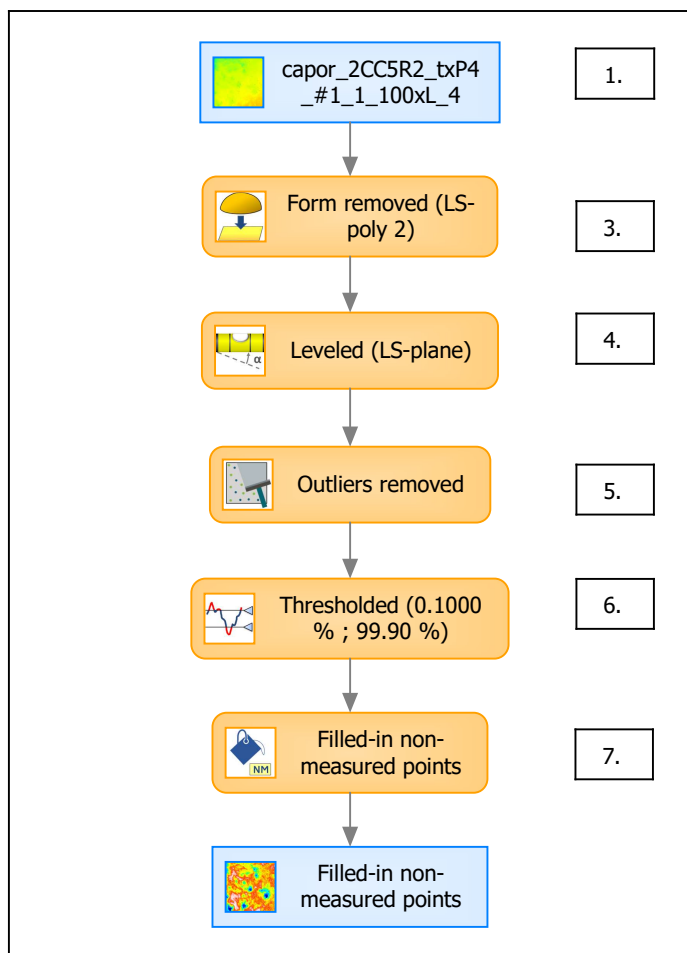
Identity card	
Name:	capor_2CC5R2_txP4_...e) > Outliers removed
Axis:	Z
NM-points ratio:	3.855 % (5277 Pts)



Identity card	
Name:	capor_2CC5R2_txP4_...0.1000 % ; 99.90 %)
Axis:	Z
NM-points ratio:	4.046 % (5539 Pts)

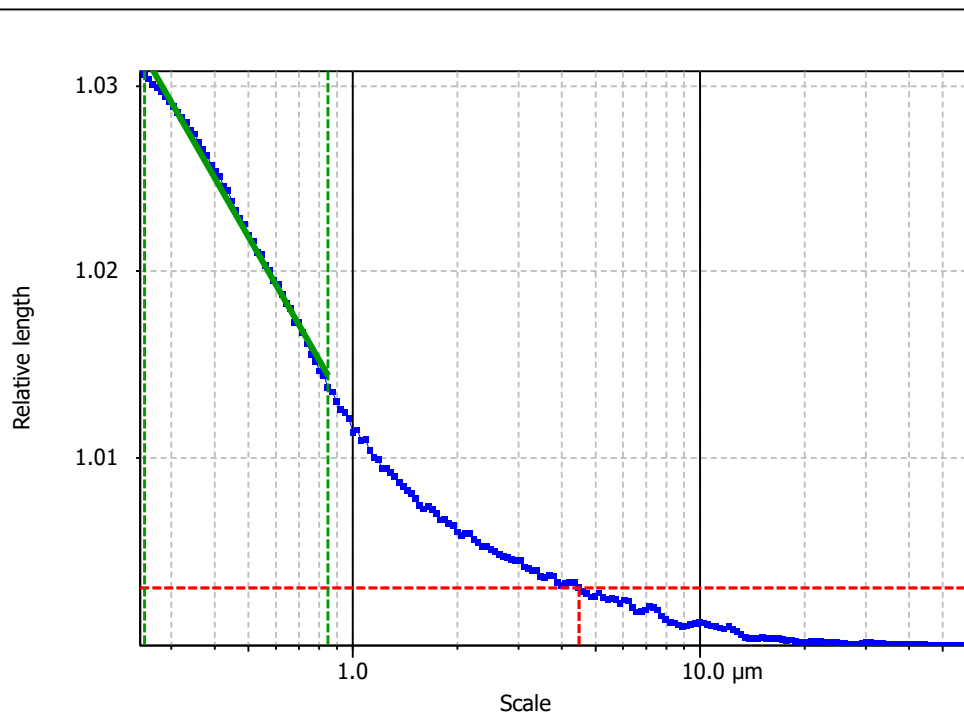


B. Summary



Identity card

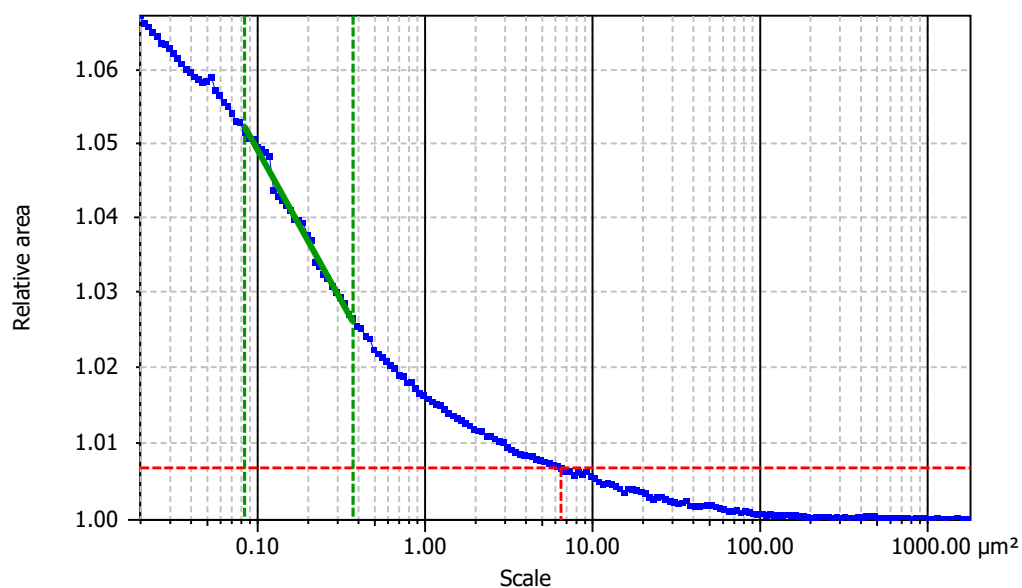
Name:	capor_2CC5R2_txP4_#1_1_100xL_4 > Form removed (LS-poly 2...resholded (0.1000 % ; 99.90 %) > Filled-in non-measured points		
Studiable type:	Surface		
Axis:	X		
Length:	60.06	μm	
Size:	370	points	
Spacing:	0.1628	μm	
Axis:	Y		
Length:	60.06	μm	
Size:	370	points	
Spacing:	0.1628	μm	
Axis:	Z		
Layer type:	Topography		
Length:	1.816	μm	
Size:	7486	digits	
Spacing:	0.0002426	μm	

**Information**

Method	Length-scale (rows)
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Parameters

Parameters	Value	Unit	Comment
epLsar	0.001379		Length-scale anisotropy (<i>Sfrax</i>) (1.8 μm, 5°)
NewEplsar	0.01737		Length-scale anisotropy (1.8 μm, 5°)

**Information**

Method	Area-scale (four corners)
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Parameters

Parameters	Value	Unit	Comment
R ²	0.9883		Reg. coefficient R ²
Asfc	16.98		Fractal complexity
Smfc	0.1660	μm ²	Scale of max complexity
HAsfc9	0.6074		Heterogeneity of Asfc (3x3)
HAsfc81	0.5964		Heterogeneity of Asfc (9x9)