



Electron Microscopy Facility at CNB-CSIC

MICROSCOPE USAGE REPORT	Date:	2017_03_30
User: pepe	ID:	99
Project: 2017_03_30_pepe_pipper	Sample:	pipper
Backup Dir: /media/usb0	Shift (days):	3

Data Acquisition Report

Microscope		Acquisition Params	
Microscope ID	Talos	Nominal Magnification	70000
Model	Talos Artica	Sampling Rate ($\text{\AA}/px$)	1.34
Detector	Falcon III	Spot Size	2
Physical Pixel Size (μ)	14	Illuminated Area (μ)	1.68
Voltage (kV)	200		
Spheric Aberration (mm)	2.7		

Dose & Fractions		EPU parameters	
Dose per Fraction ($e/\text{\AA}^2$)	2	Defocus Range (μ)	1.1 2.2 3.3
Total Exposure Time (s)	15	Autofocus Distance (μ)	5
Number Fractions	27	Drift Measurement (?)	3
Frames per Fraction	3	Delay after stage shift (s)	4
Apertures		Delay after image shift (s)	5
C2	3	Maximum image shift (?)	6
O1	4	Exposures per Hole (–)	3
PhP	5		

Resolution and Fit Histograms

To be done