

Included Files

AAV Hypertransposase 1000x 5 60 120 2024-12-18 13-01-45
AAV Hypertransposase 1000x 5 60 120 2024-12-18 13-02-50
AAV Hypertransposase 1000x 5 60 120 2024-12-18 13-03-55
AAV Hypertransposase 1000x 5 60 120 2024-12-18 13-05-00
AAV Hypertransposase 1000x 5 60 120 2024-12-18 13-06-05

Details

NTA Version: NTA 3.4 - Sample Assistant Build 3.4.4 - SA
Script Used: SOP Standard Measurement 12-58-31PM 18~
Time Captured: 12:58:48 18/12/2024
Operator: Jitka
Pre-treatment:
Sample Name:
Diluent: pbs
Remarks:

Capture Settings

Camera Type: sCMOS
Laser Type: Blue405
Camera Level: 12
Slider Shutter: 1200
Slider Gain: 146
FPS: 25.0
Number of Frames: 1498
Temperature: 25.0 - 25.0 °C
Viscosity: 1.0 cP
Dilution factor: 1 x 10e3
Syringe Pump Speed: 120

Analysis Settings

Detect Threshold: 5
Blur Size: Auto
Max Jump Distance: Auto: 14.6 pix

Results

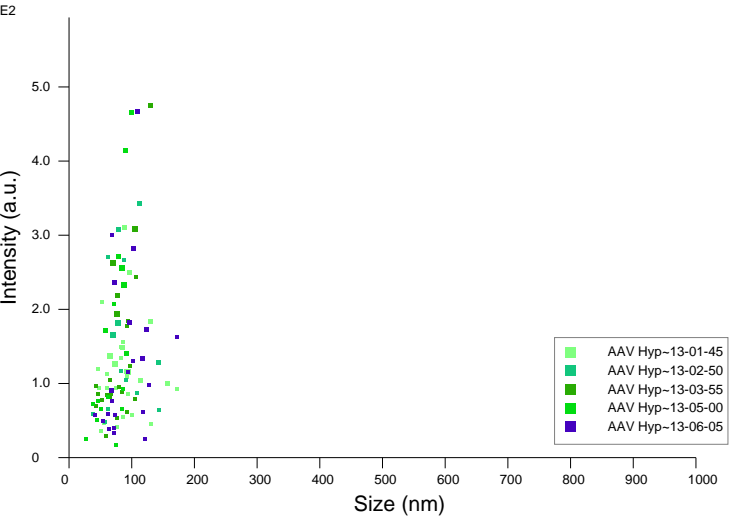
Stats: Merged Data

Mean: 89.4 nm
Mode: 85.1 nm
SD: 14.8 nm
D10: 73.4 nm
D50: 86.7 nm
D90: 109.8 nm

Stats: Mean +/- Standard Error

Mean: 88.8 +/- 2.9 nm
Mode: 84.1 +/- 4.9 nm
SD: 13.8 +/- 1.3 nm
D10: 75.5 +/- 2.7 nm
D50: 87.0 +/- 3.7 nm
D90: 107.4 +/- 4.7 nm
Concentration (Upgrade): 3.14e+09 +/- 5.98e+08 particles/ml
0.3 +/- 0.0 particles/frame
0.4 +/- 0.0 centres/frame

Concentration measurements may be unreliable
See summary file for more info



Intensity / Size graph for Experiment:
AAV Hypertransposase 1000x 5 60 120 2024-12-18 12-58-48

Script Used: (Full Text):

SOP Standard Measurement 12-58-31PM 18Dec2024.txt