

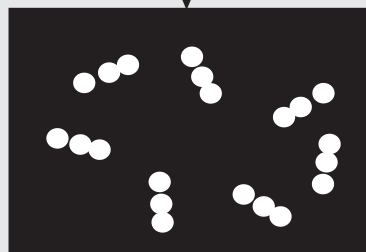
Step 1: Locate Barcodes



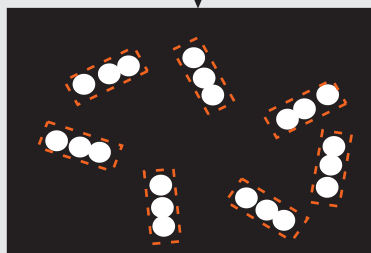
Condition the Image

- Subtract offset
- Correct for illumination
- Normalize intensities

Threshold

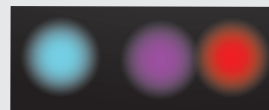


Locate Barcodes

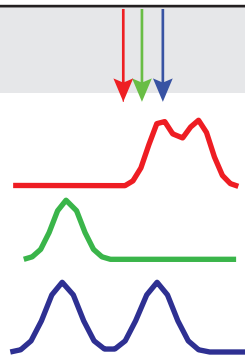


Step 2: Decode Barcode

For Each Located Barcode



Project to 1D



Bayesian Multiple Hypothesis Test

Most Likely Match
(BG -- BR - R)

1D Reference Library

