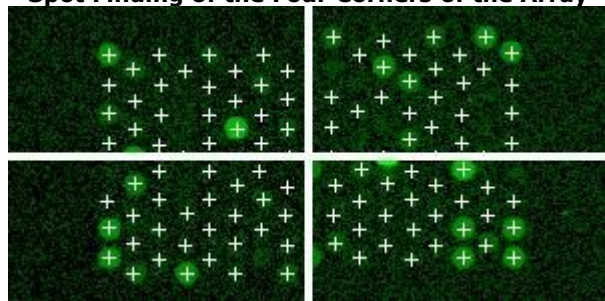


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:04	Grid	US22502705_251911810666_S01_H_grid (from grid_file)
Image	US22502705_251911810666_S01_H [2_4]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1148487

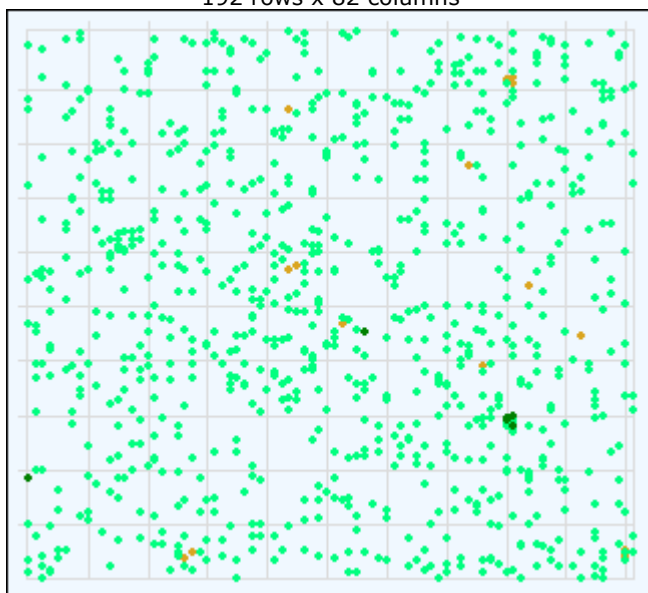
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	20
Population	5

Non Uniform	6	20
Population	838	5

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 6(0.04%)

Feature Population Outliers = 838(6.10%)

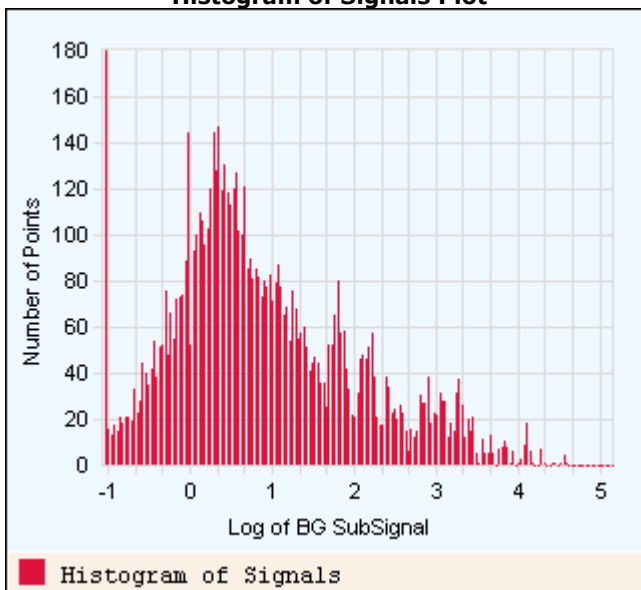
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

Net Signal Statistics**Non-Control probes:**

# Saturated Features	0
99% of Sig. Distrib.	2767
50% of Sig. Distrib.	17
1% of Sig. Distrib.	12

Negative Control Stats

Average Net Signals	17.27
StdDev Net Signals	2.05
Average BG Sub Signal	0.65
StdDev BG Sub Signal	2.01

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5450 (Green)

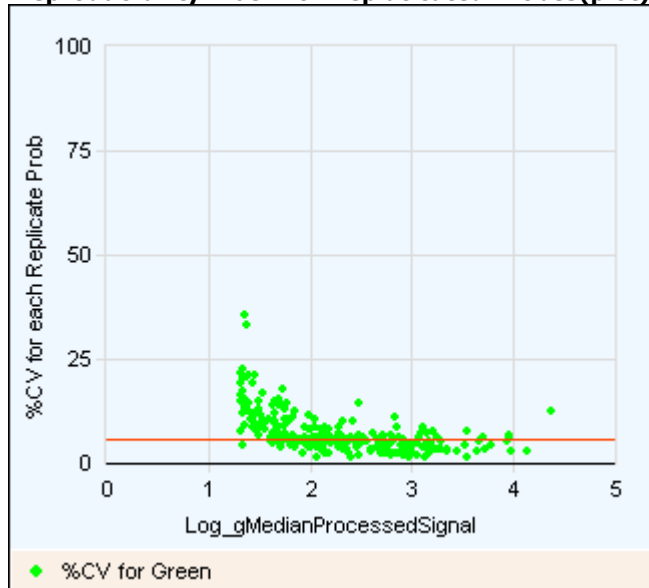
Foreground Surface Fit

RMS_Fit	0.95
RMS_Resid	2.07
Avg_Fit	52.63

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

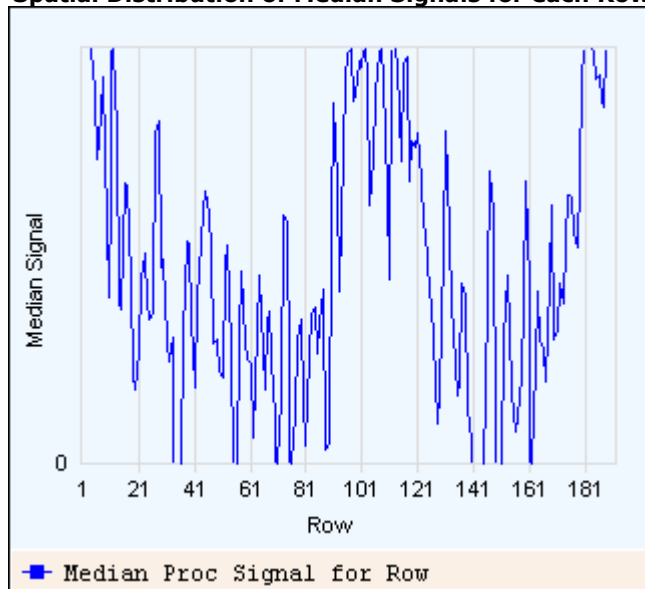
BGSubSignal	6.00
ProcessedSignal	6.00

Reproducibility: %CV for Replated Probes(plot)**Evaluation Metrics for miRNA_QCM_Apr07**

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.07	NA	NA	False
AnyColorPrcntFeatPopnOL	6.10	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	6.00	NA	NA	False
gTotalSignal75pctile	5.97	NA	NA	False

◆ In Normal Range ◆ Evaluate

Spatial Distribution of Median Signals for each Row**Spatial Distribution of Median Signals for each Column**