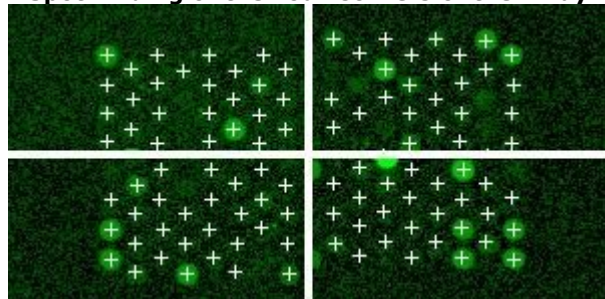


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:01	Grid	US22502705_251911810642_S01_H_grid (from grid_file)
Image	US22502705_251911810642_S01_H [2_2]	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	3
		Saturation Value	1154138

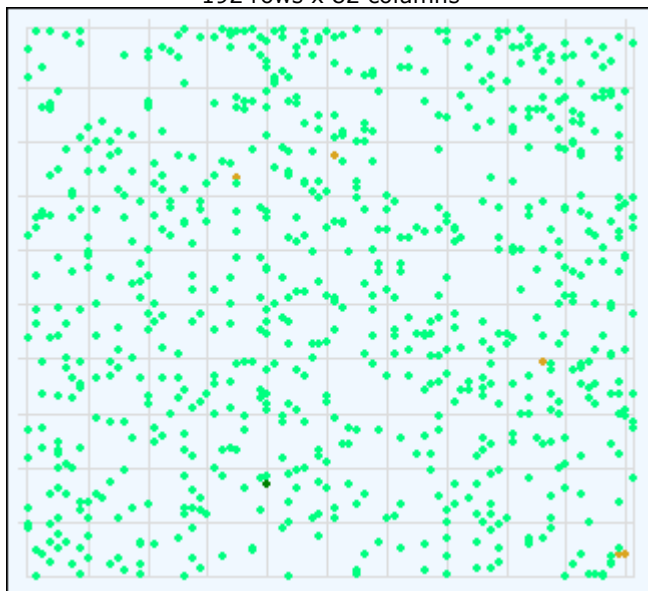
Spot Finding of the Four Corners of the Array**Grid Normal**

Feature	Local Background
---------	------------------

Non Uniform	1	5
Population	742	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 742(5.40%)

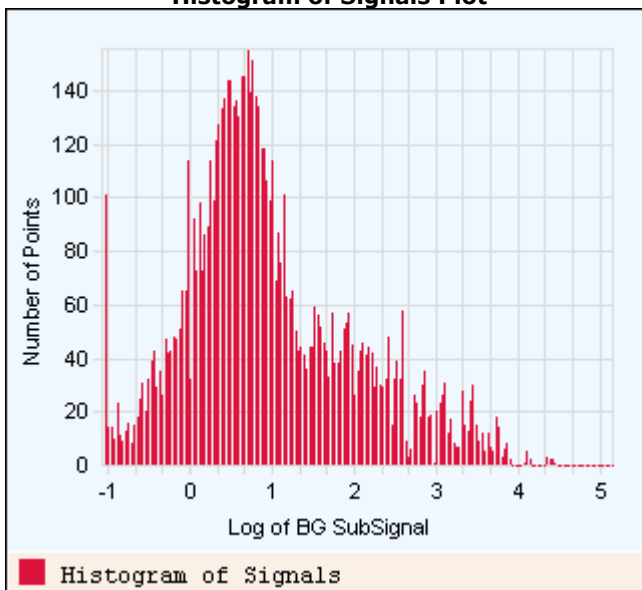
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2294
50% of Sig. Distrib.	21
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	23.76
StdDev Net Signals	2.57
Average BG Sub Signal	3.37
StdDev BG Sub Signal	2.73

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5471 (Green)

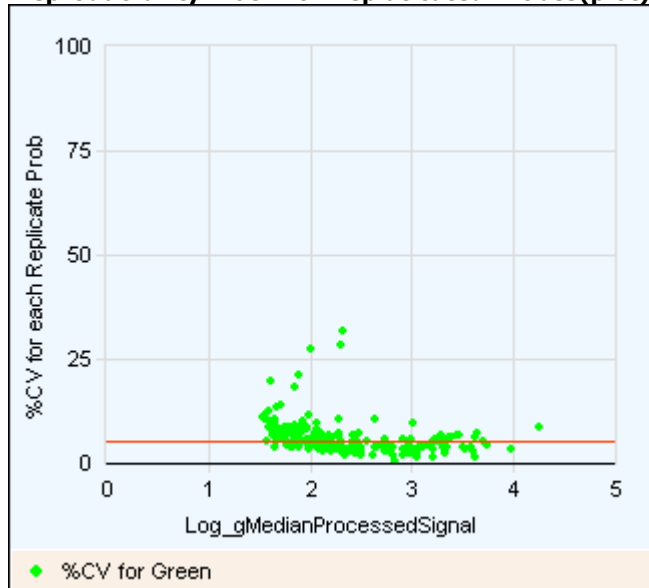
Foreground Surface Fit

RMS_Fit	0.86
RMS_Resid	3.43
Avg_Fit	56.52

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

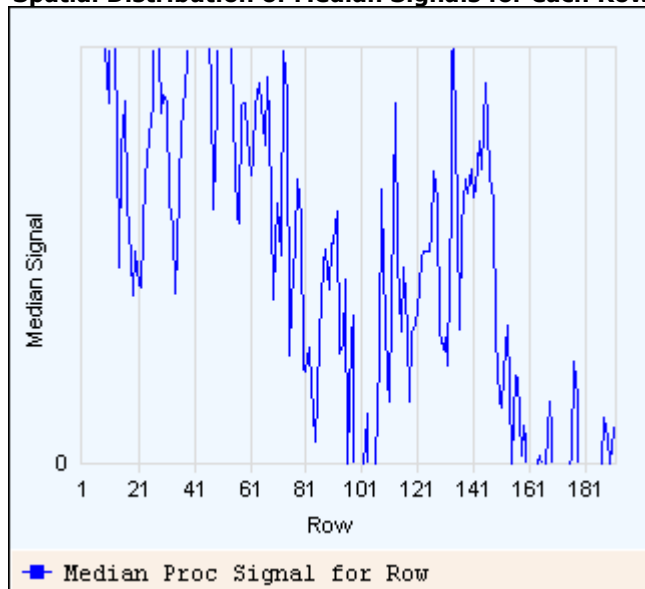
BGSubSignal	5.05
ProcessedSignal	5.05

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	3.43	NA	NA	False
AnyColorPrcntFeatPopnOL	5.40	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	5.05	NA	NA	False
gTotalSignal75pctile	7.83	NA	NA	False

◆ In Normal Range ◆ Evaluate

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