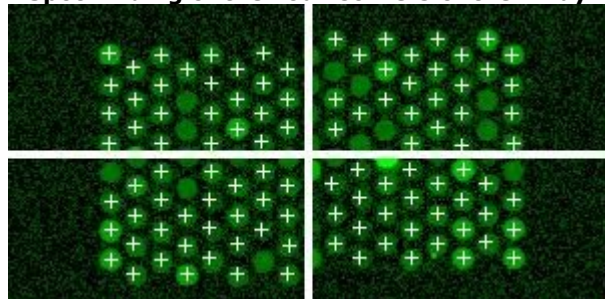


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:56	Grid	US22502705_251911810639_S01_H_grid (from grid_file)
Image	US22502705_251911810639_S01_H [2_3]	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	24
		Saturation Value	1153031

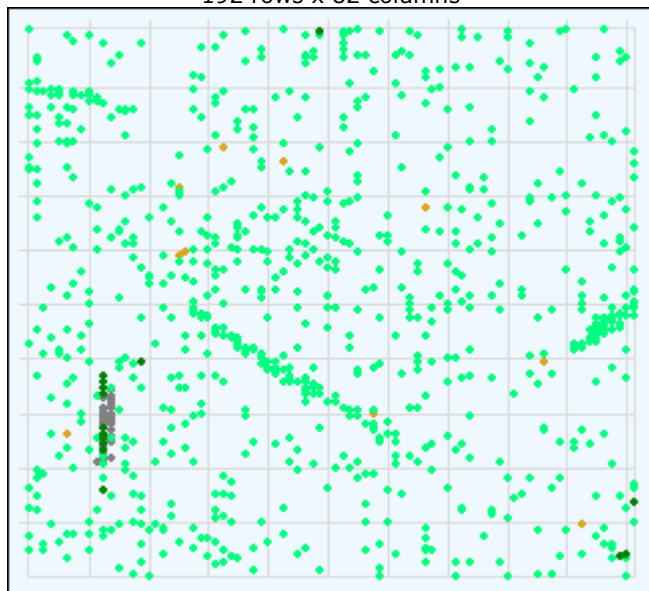
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	15	48
Population	786	36

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 15(0.11%)

Feature Population Outliers = 786(5.72%)

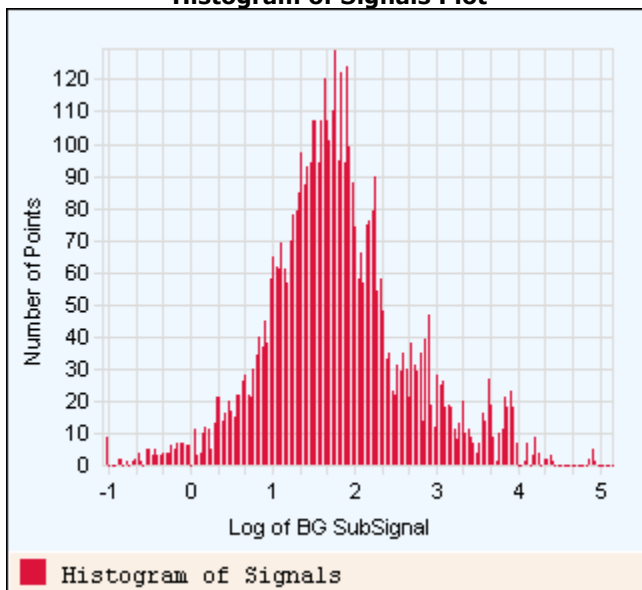
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	5078
50% of Sig. Distrib.	80
1% of Sig. Distrib.	32

Negative Control Stats

Average Net Signals	116.99
StdDev Net Signals	17.53
Average BG Sub Signal	23.76
StdDev BG Sub Signal	18.06

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 7669 (Green)

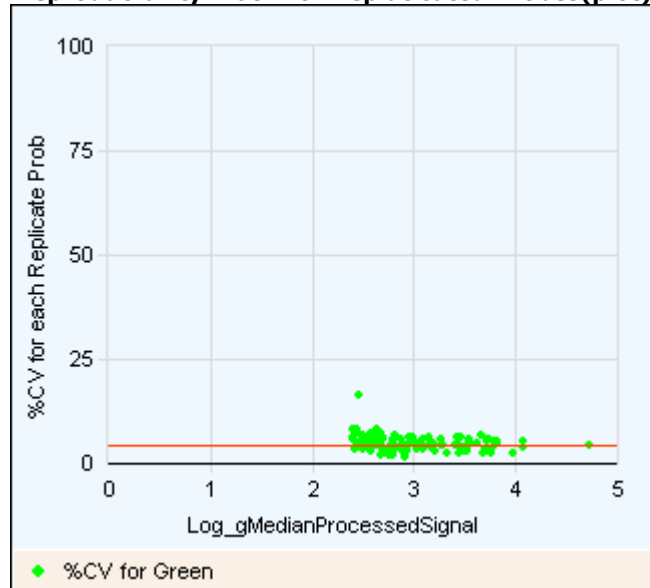
Foreground Surface Fit

RMS_Fit	6.21
RMS_Resid	24.35
Avg_Fit	129.42

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

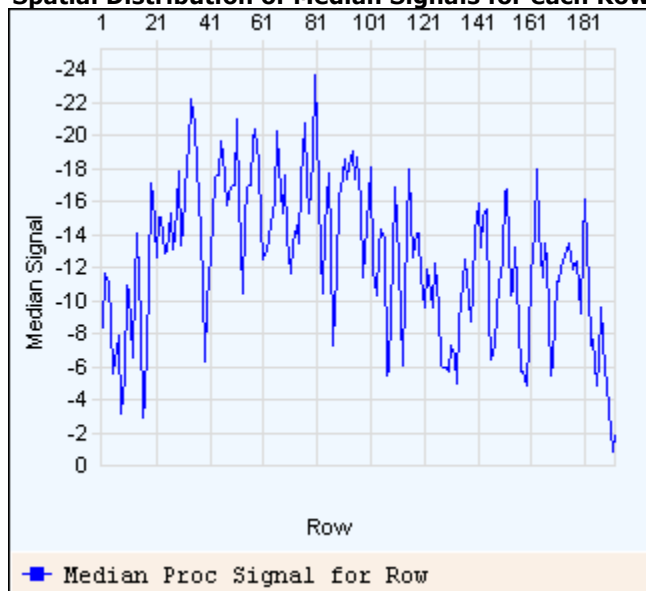
BGSubSignal	4.49
ProcessedSignal	4.49

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	24.35	NA	NA	False
AnyColorPrctFeatPopnOL	5.72	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	4.49	NA	NA	False
gTotalSignal75pctile	32.78	NA	NA	False

◆ In Normal Range ◆ Evaluate

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