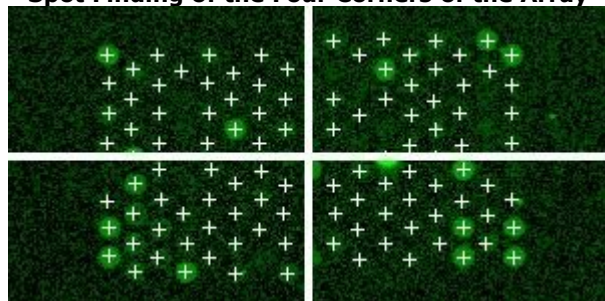


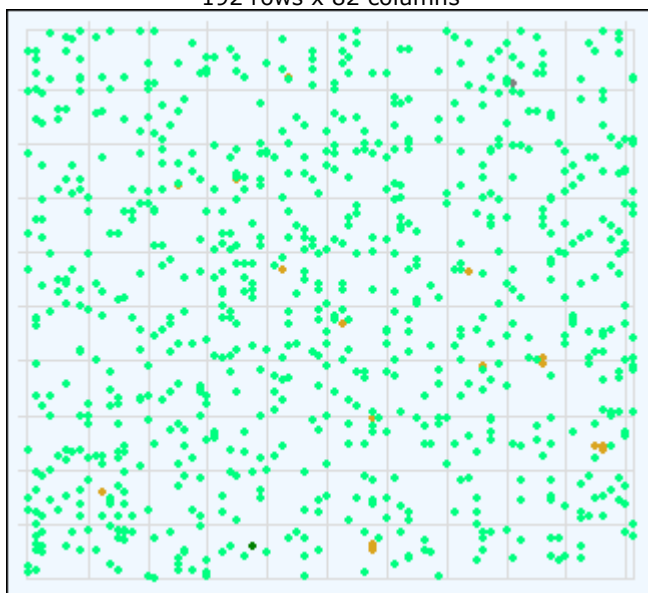
QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:58	Grid	US22502705_251911810641_S01_H_grid (from grid_file)
Image	US22502705_251911810641_S01_H [1_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	3
		Saturation Value	1162585

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

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

Non Uniform	1	20
Population	783	1

Spatial Distribution of All Outliers on the Array
 192 rows x 82 columns


FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 783(5.70%)

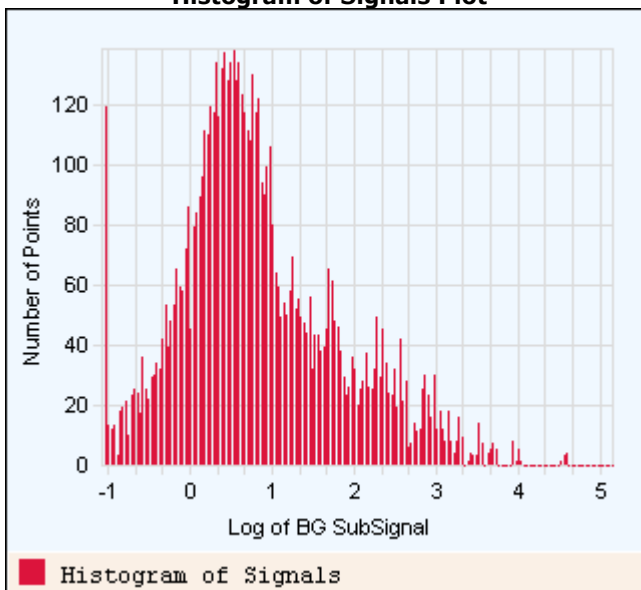
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1094
50% of Sig. Distrib.	21
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	24.30
StdDev Net Signals	2.36
Average BG Sub Signal	3.32
StdDev BG Sub Signal	2.44

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 6103 (Green)

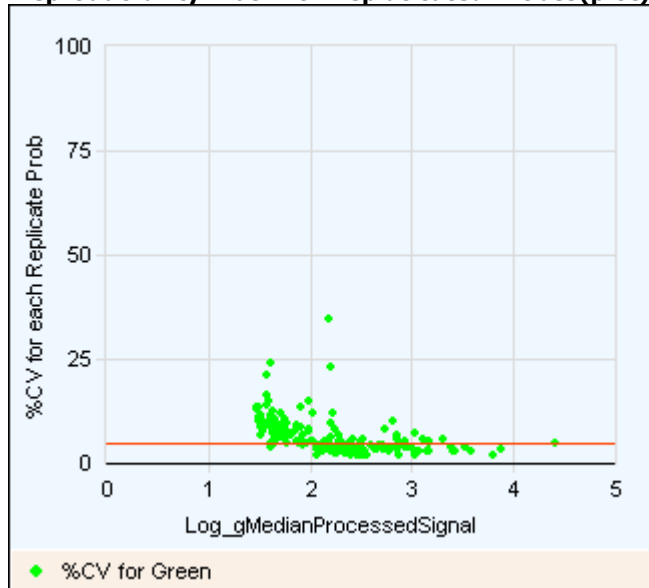
Foreground Surface Fit

RMS_Fit	0.78
RMS_Resid	2.96
Avg_Fit	56.97

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

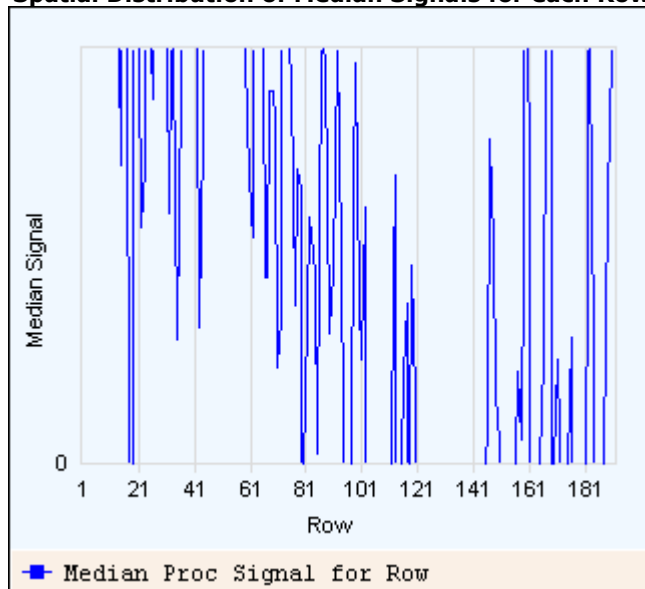
BGSubSignal	4.95
ProcessedSignal	4.95

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.96	NA	NA	False
AnyColorPrcntFeatPopnOL	5.70	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	4.95	NA	NA	False
gTotalSignal75pctile	4.96	NA	NA	False

◆ In Normal Range ◆ Evaluate

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