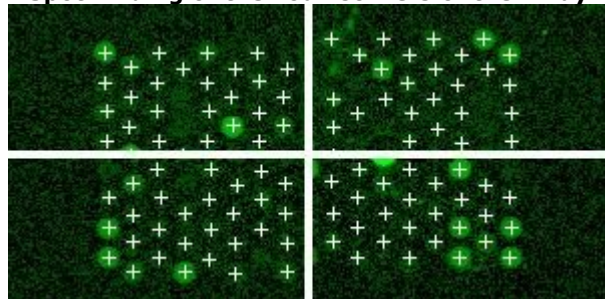
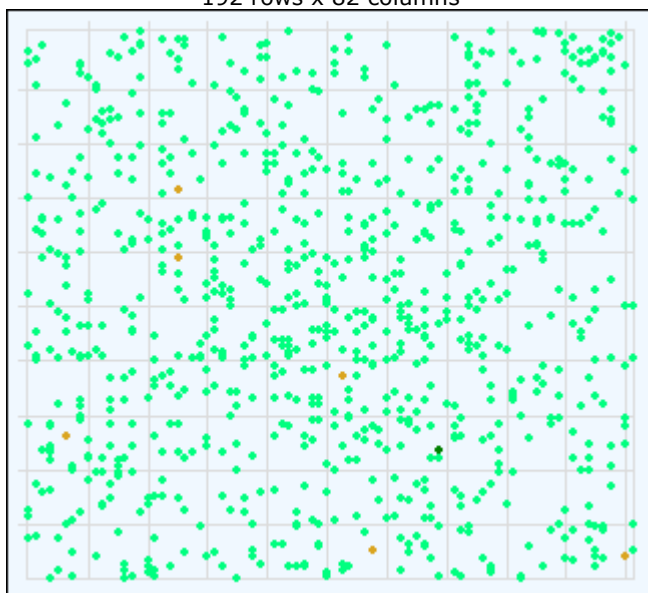


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:50	Grid	US22502705_251911810634_S01_H_grid (from grid_file)
Image	US22502705_251911810634_S01_H [1_1]	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	4
		Saturation Value	1157036

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

Feature	Local Background
Non Uniform	1
Population	837

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


FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 837(6.09%)

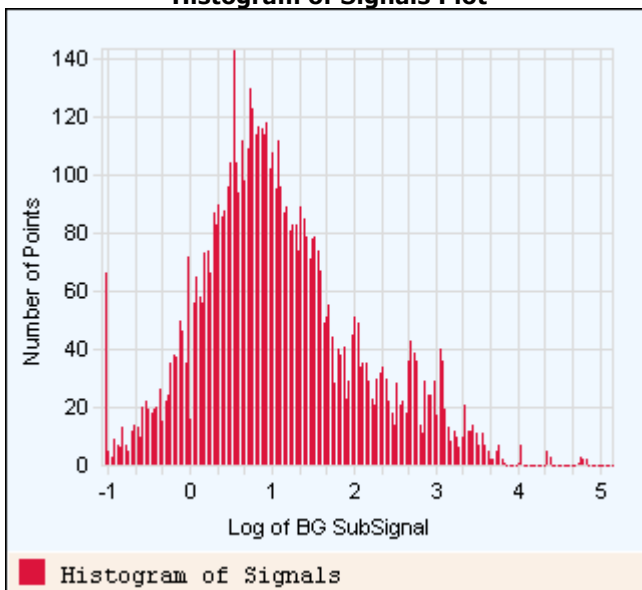
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1736
50% of Sig. Distrib.	25
1% of Sig. Distrib.	17

Negative Control Stats

Average Net Signals	28.12
StdDev Net Signals	3.17
Average BG Sub Signal	3.06
StdDev BG Sub Signal	3.40

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 6285 (Green)

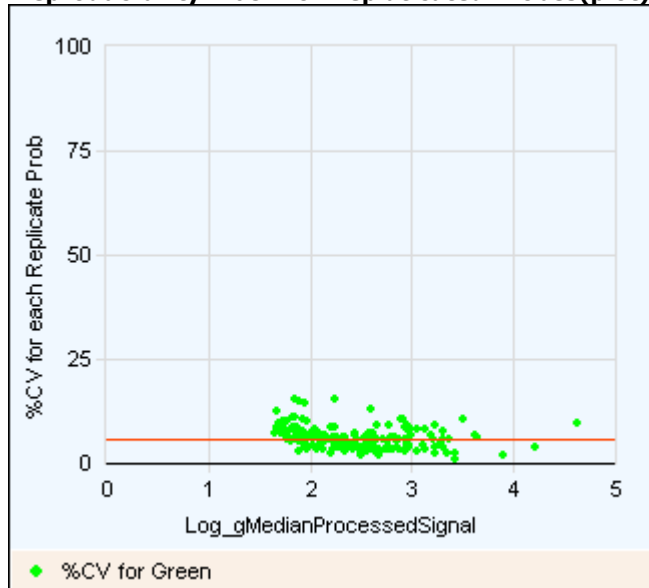
Foreground Surface Fit

RMS_Fit	1.41
RMS_Resid	4.48
Avg_Fit	61.30

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

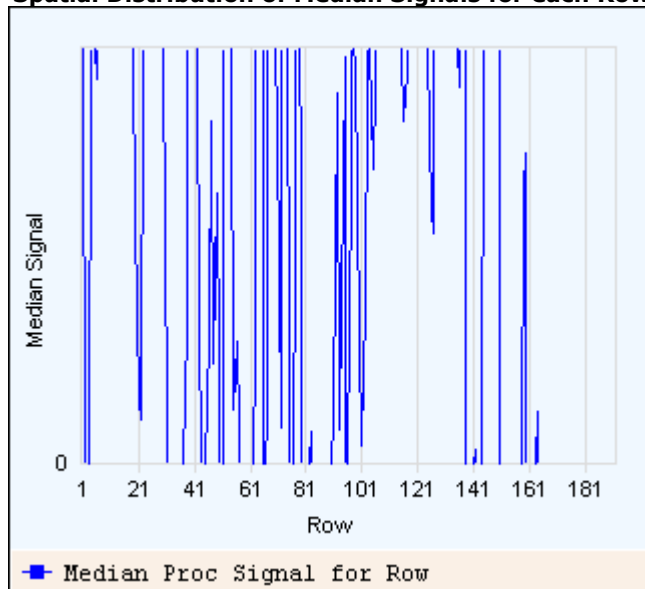
BGSubSignal	5.72
ProcessedSignal	5.72

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	4.48	NA	NA	False
AnyColorPrcntFeatPopnOL	6.09	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	5.72	NA	NA	False
gTotalSignal75pctile	9.16	NA	NA	False

◆ In Normal Range ◆ Evaluate

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