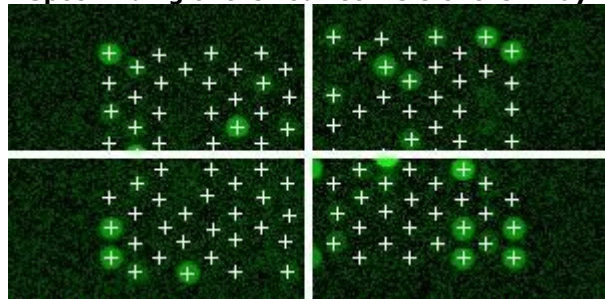


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:11	Grid	US22502705_251911810672_S01_H_grid (from grid_file)
Image	US22502705_251911810672_S01_H [2_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	2
		Saturation Value	1155091

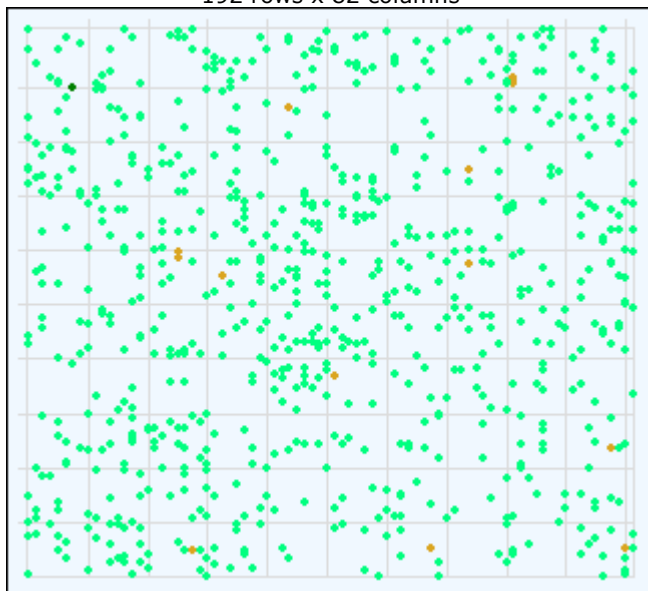
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	1
Population	725

Non Uniform	1	14
Population	725	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 725(5.28%)

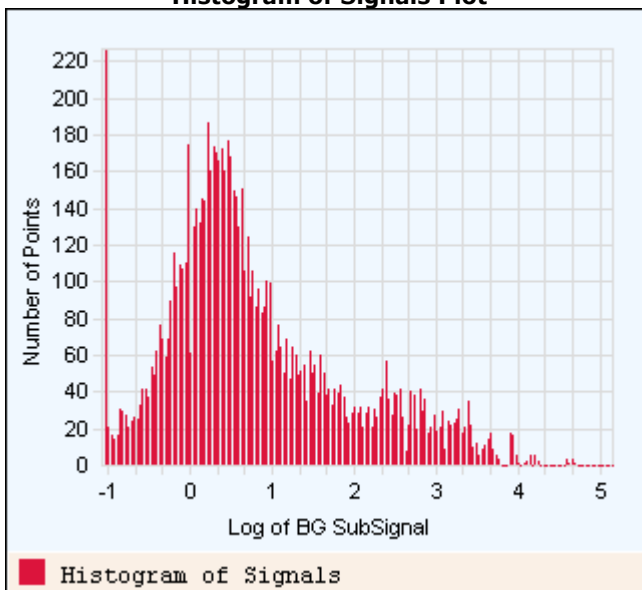
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2756
50% of Sig. Distrib.	16
1% of Sig. Distrib.	11

Negative Control Stats

Average Net Signals	15.19
StdDev Net Signals	2.23
Average BG Sub Signal	0.35
StdDev BG Sub Signal	1.99

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4306 (Green)

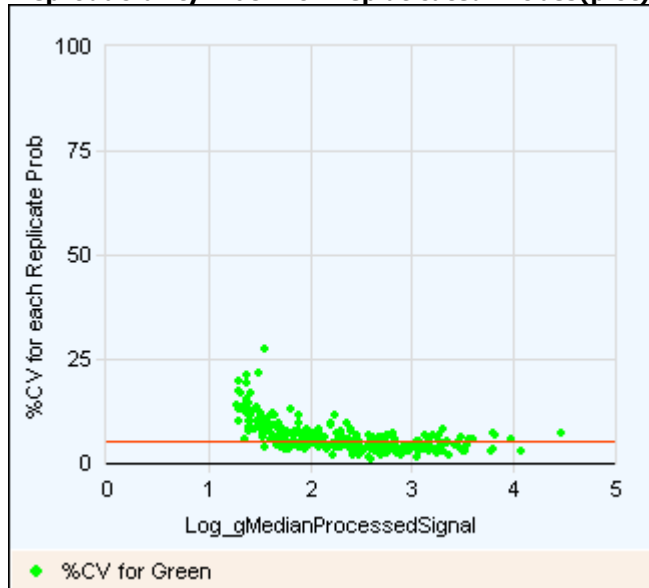
Foreground Surface Fit

RMS_Fit	1.05
RMS_Resid	1.92
Avg_Fit	50.67

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

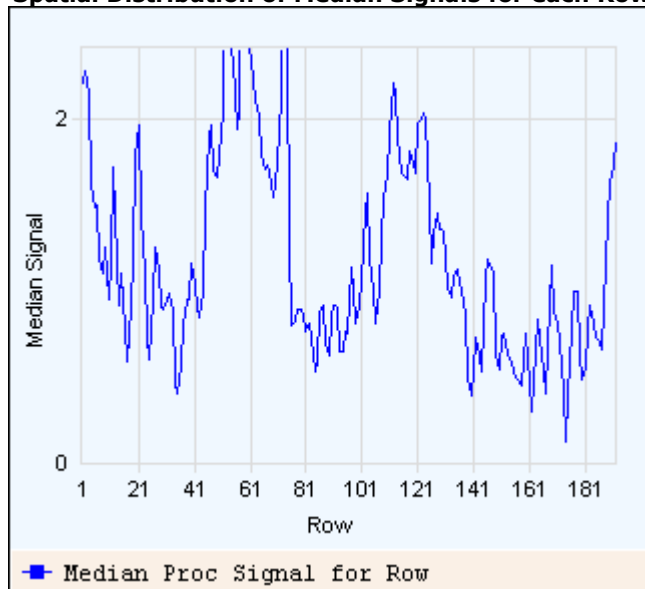
BGSubSignal	5.44
ProcessedSignal	5.44

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.92	NA	NA	False
AnyColorPrcntFeatPopnOL	5.28	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	5.44	NA	NA	False
gTotalSignal75pctile	4.37	NA	NA	False

◆ In Normal Range ◆ Evaluate

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