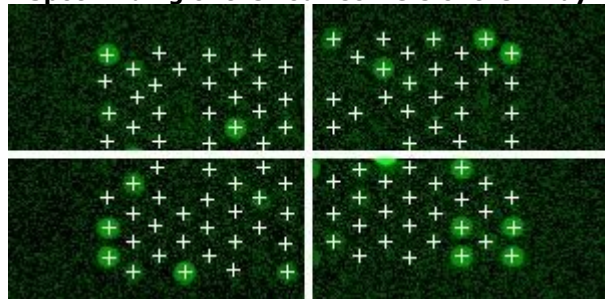


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 17:50	Grid	US22502705_251911810635_S01_H_grid (from grid_file)
Image	US22502705_251911810635_S01_H [2_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	2
		Saturation Value	1155435

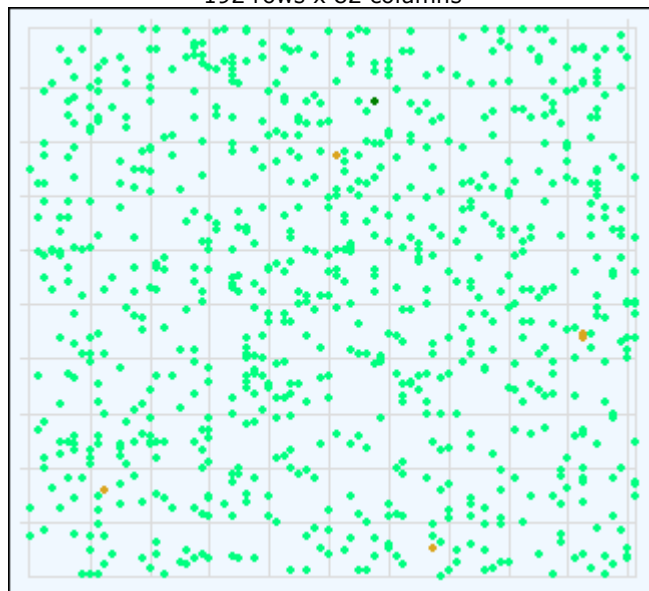
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	1	5
Population	789	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 789(5.74%)

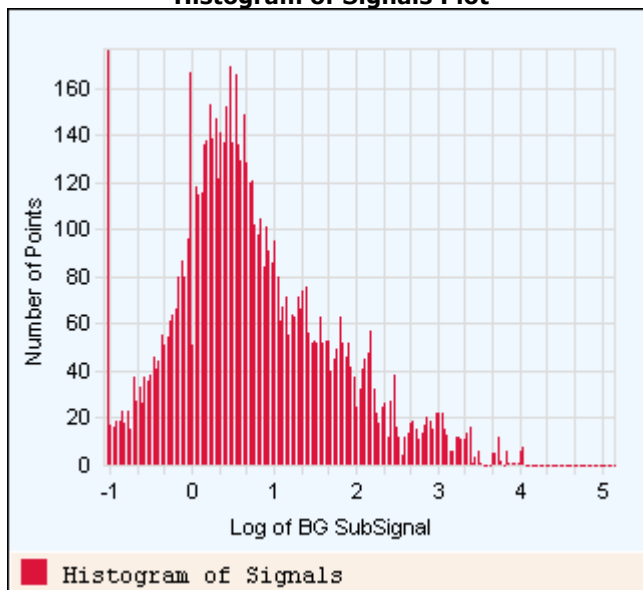
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1295
50% of Sig. Distrib.	19
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	19.82
StdDev Net Signals	2.95
Average BG Sub Signal	1.28
StdDev BG Sub Signal	2.96

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5046 (Green)

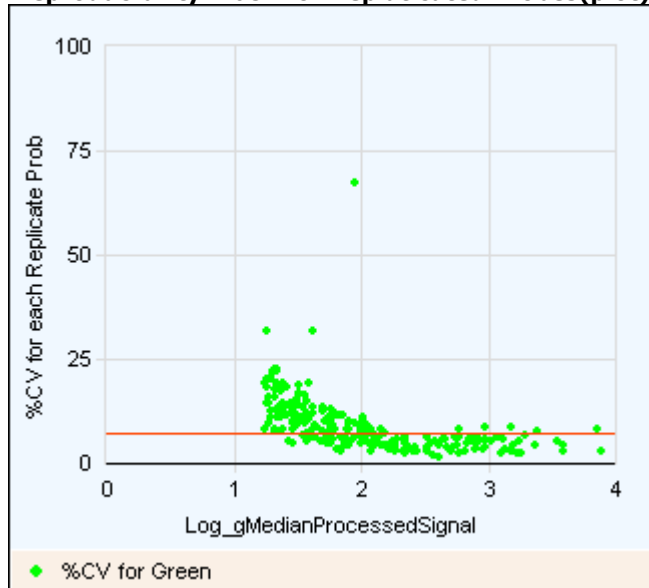
Foreground Surface Fit

RMS_Fit	0.46
RMS_Resid	1.76
Avg_Fit	55.12

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

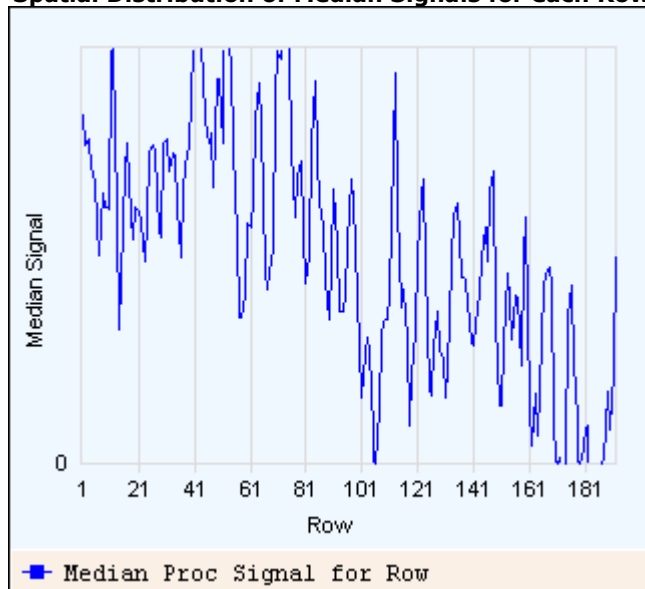
BGSubSignal	7.24
ProcessedSignal	7.24

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.76	NA	NA	False
AnyColorPrcntFeatPopnOL	5.74	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.24	NA	NA	False
gTotalSignal75pctile	4.09	NA	NA	False

◆ In Normal Range ◆ Evaluate

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