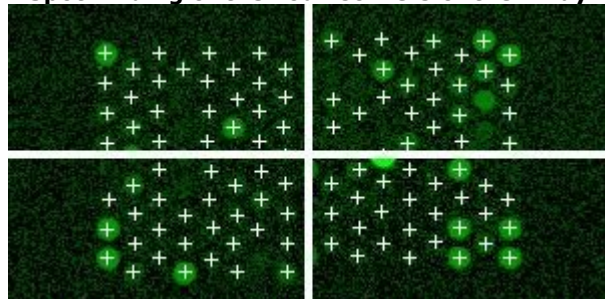


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:29	Grid	US22502705_251911811008_S01_H_grid (from grid_file)
Image	US22502705_251911811008_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	3
		Saturation Value	1153767

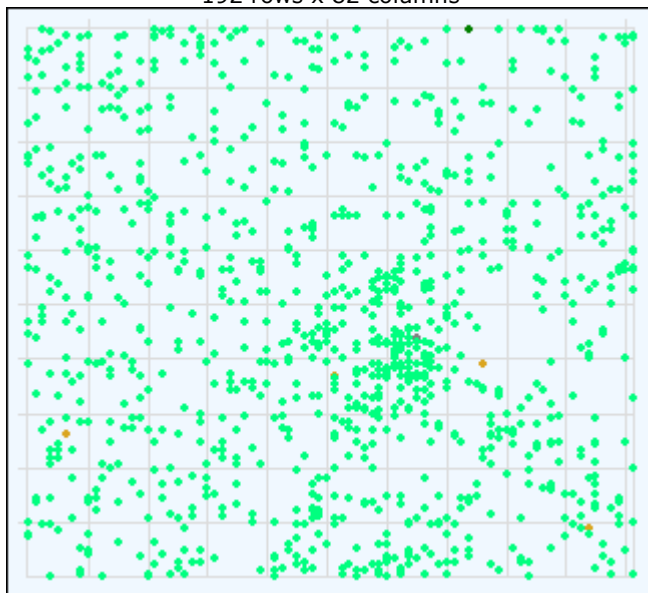
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	1	9
Population	992	8

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 992(7.22%)

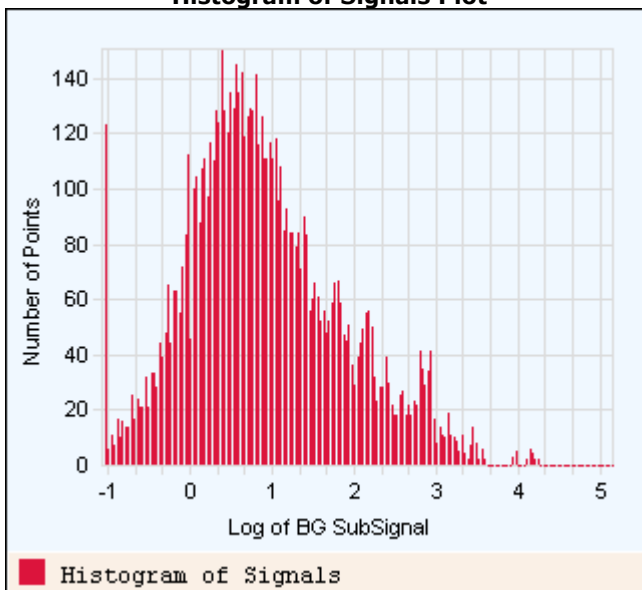
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1095
50% of Sig. Distrib.	22
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	21.17
StdDev Net Signals	2.33
Average BG Sub Signal	0.15
StdDev BG Sub Signal	2.26

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5026 (Green)

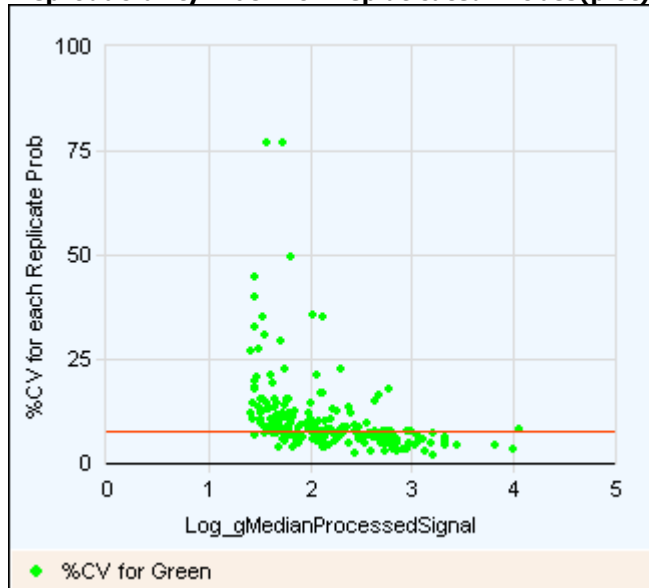
Foreground Surface Fit

RMS_Fit	1.08
RMS_Resid	2.61
Avg_Fit	56.95

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

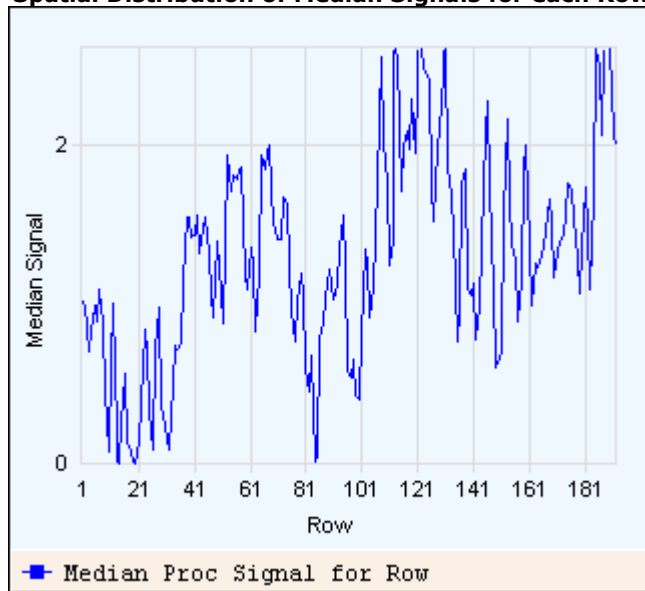
BGSubSignal	7.56
ProcessedSignal	7.56

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.61	NA	NA	False
AnyColorPrcntFeatPopnOL	7.22	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.56	NA	NA	False
gTotalSignal75pctile	4.91	NA	NA	False

◆ In Normal Range ◆ Evaluate

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