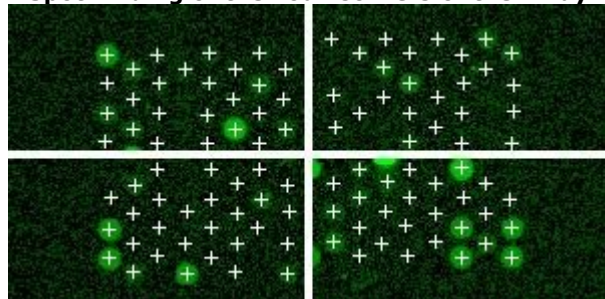


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:10	Grid	US22502705_251911810671_S01_H_grid (from grid_file)
Image	US22502705_251911810671_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	1167766

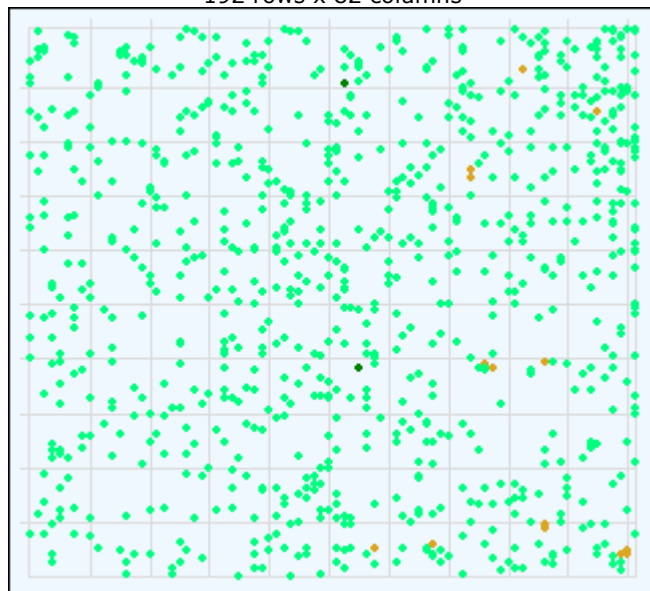
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	2
Population	833

Non Uniform	2	15
Population	833	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 2(0.01%)

Feature Population Outliers = 833(6.06%)

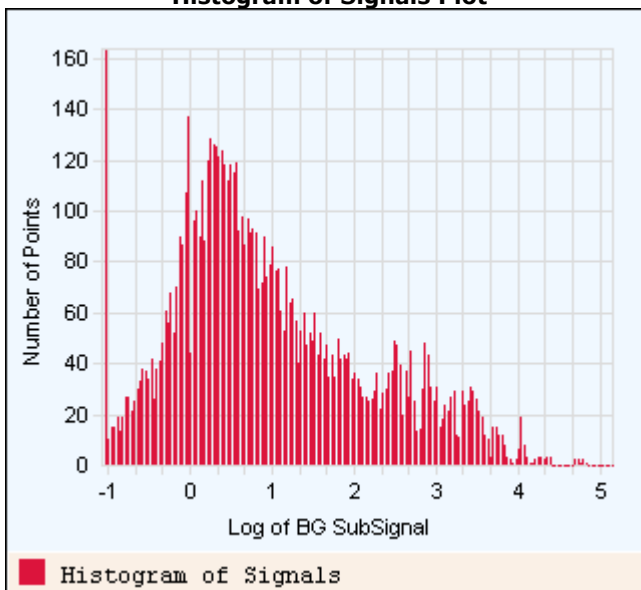
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	3651
50% of Sig. Distrib.	16
1% of Sig. Distrib.	11

Negative Control Stats

Average Net Signals	15.55
StdDev Net Signals	2.05
Average BG Sub Signal	-0.20
StdDev BG Sub Signal	2.17

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5448 (Green)

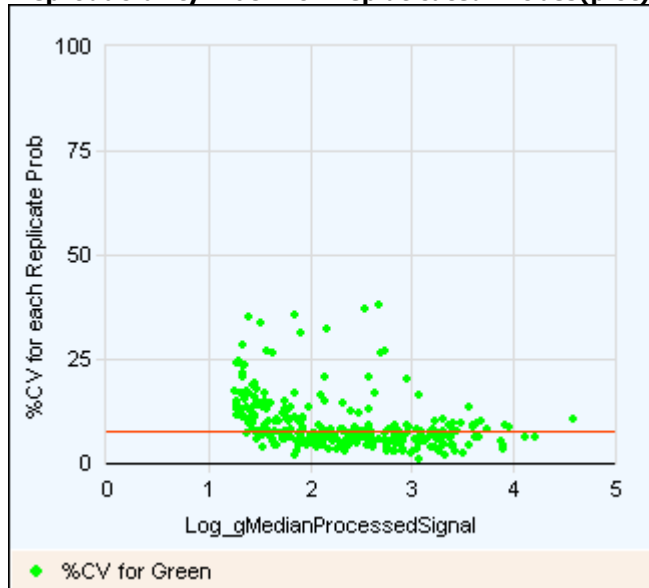
Foreground Surface Fit

RMS_Fit	0.94
RMS_Resid	1.83
Avg_Fit	51.99

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

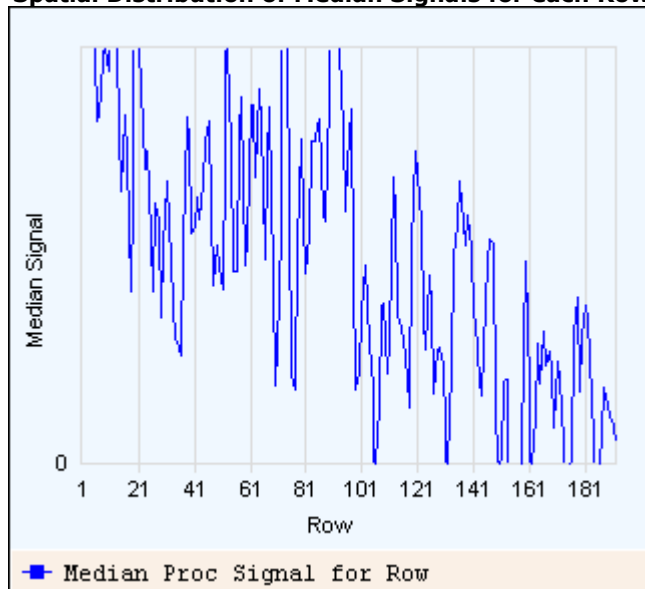
BGSubSignal	7.57
ProcessedSignal	7.57

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.83	NA	NA	False
AnyColorPrcntFeatPopnOL	6.06	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.57	NA	NA	False
gTotalSignal75pctile	5.72	NA	NA	False

◆ In Normal Range ◆ Evaluate

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