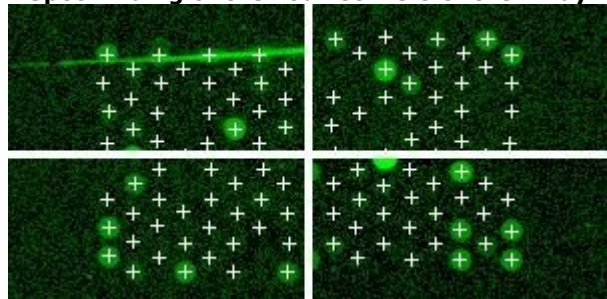


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:00	Grid	US22502705_251911810643_S01_H_grid (from grid_file)
Image	US22502705_251911810643_S01_H [1_2]	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	1152892

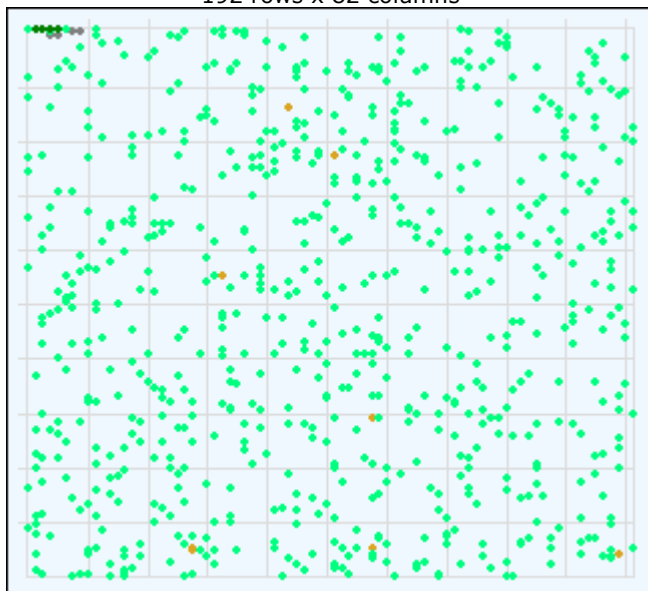
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	4
Population	699

Non Uniform	4	12
Population	699	4

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 4(0.03%)

Feature Population Outliers = 699(5.09%)

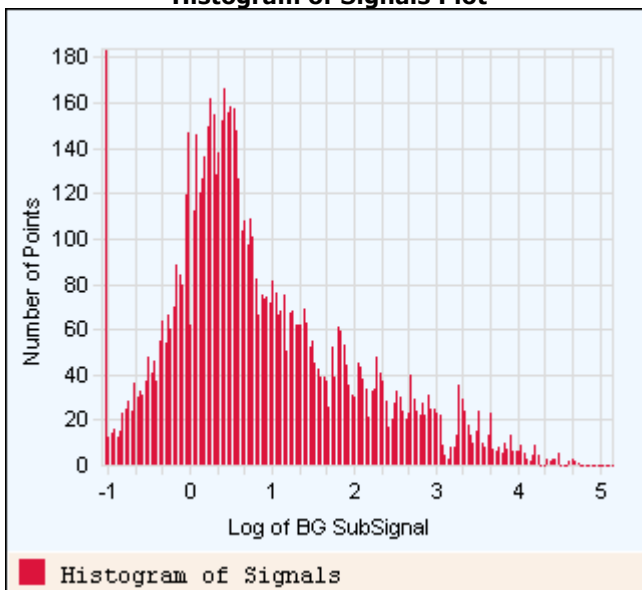
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	3798
50% of Sig. Distrib.	18
1% of Sig. Distrib.	13

Negative Control Stats

Average Net Signals	17.34
StdDev Net Signals	1.88
Average BG Sub Signal	-0.12
StdDev BG Sub Signal	1.96

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4851 (Green)

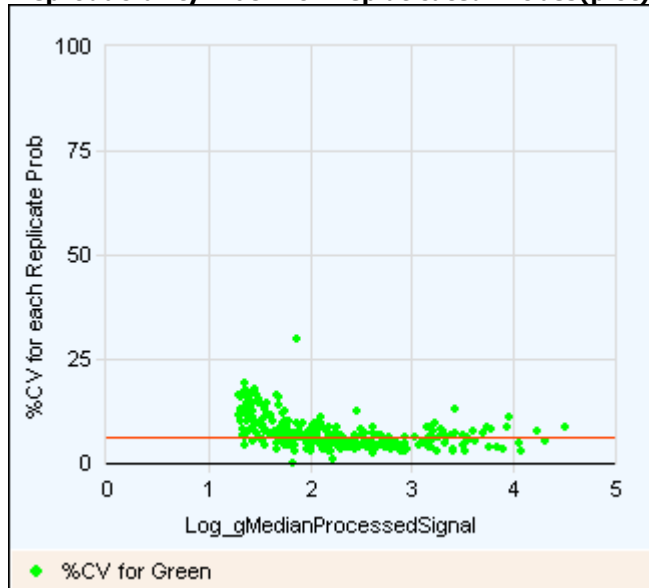
Foreground Surface Fit

RMS_Fit	0.66
RMS_Resid	2.00
Avg_Fit	53.65

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

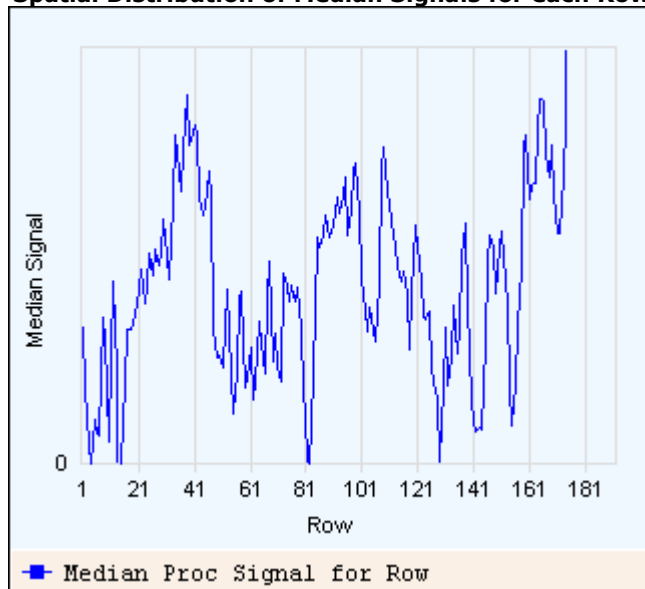
BGSubSignal	6.39
ProcessedSignal	6.39

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.00	NA	NA	False
AnyColorPrcntFeatPopnOL	5.09	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	6.39	NA	NA	False
gTotalSignal75pctile	4.32	NA	NA	False

◆ In Normal Range ◆ Evaluate

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