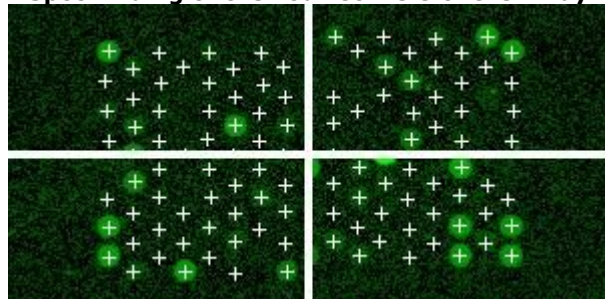


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:31	Grid	US22502705_251911811011_S01_H_grid (from grid_file)
Image	US22502705_251911811011_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	1164066

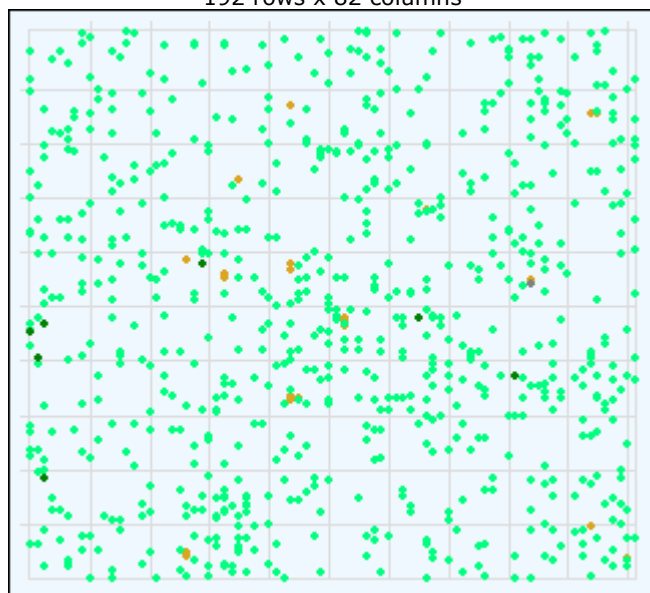
Spot Finding of the Four Corners of the Array**Evaluate Grid**

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

Non Uniform	7	24
Population	735	1

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 7(0.05%)

Feature Population Outliers = 735(5.35%)

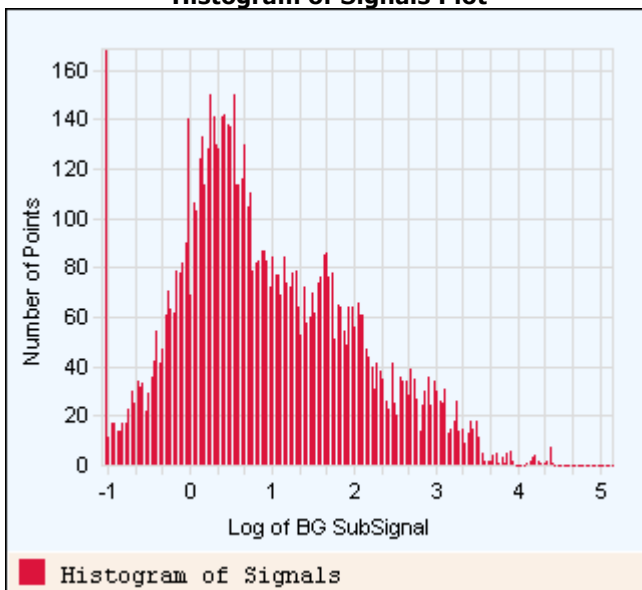
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1891
50% of Sig. Distrib.	21
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	18.53
StdDev Net Signals	1.92
Average BG Sub Signal	-0.87
StdDev BG Sub Signal	1.80

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4604 (Green)

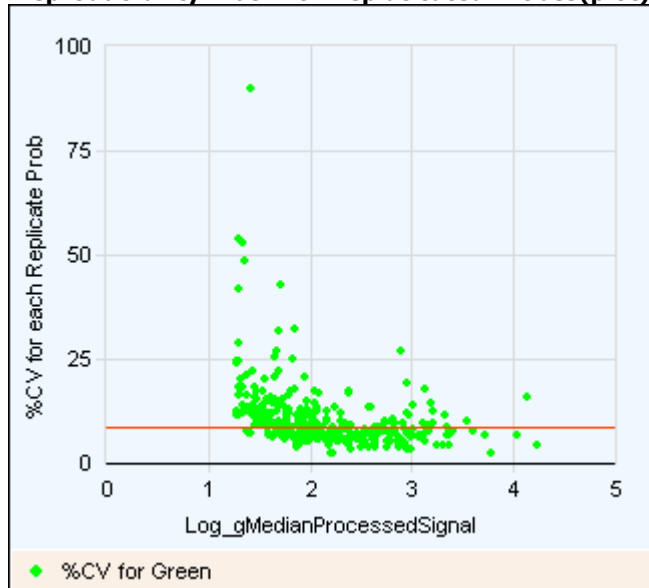
Foreground Surface Fit

RMS_Fit	1.16
RMS_Resid	1.89
Avg_Fit	55.64

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

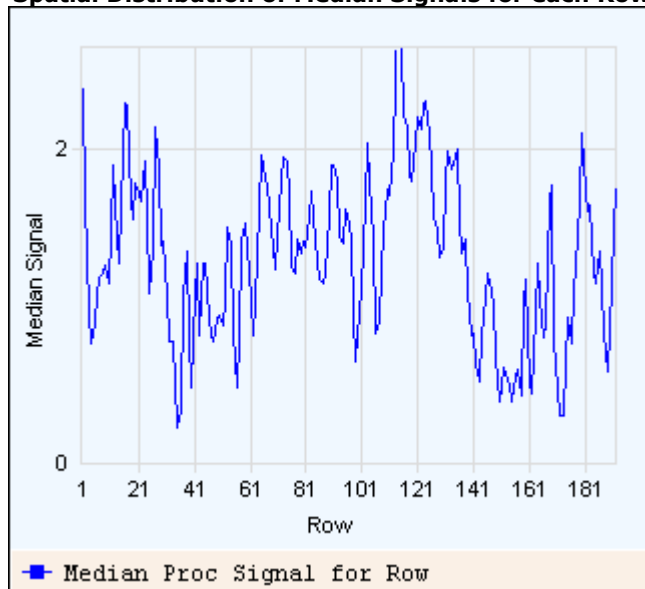
BGSubSignal	8.70
ProcessedSignal	8.70

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.89	NA	NA	False
AnyColorPrcntFeatPopnOL	5.35	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	8.70	NA	NA	False
gTotalSignal75pctile	6.81	NA	NA	False

◆ In Normal Range ◆ Evaluate

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