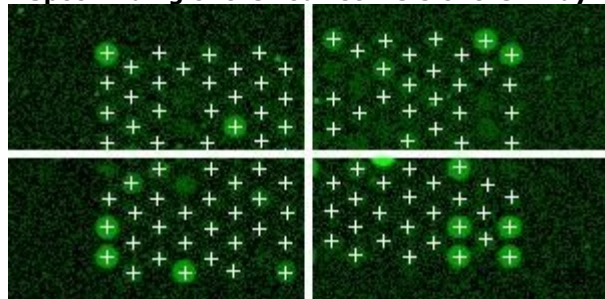


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 13:51	Grid	019118_D_I_20080214
Image	US22502705_251911811010_S01_H [1_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	3
		Saturation Value	1161799

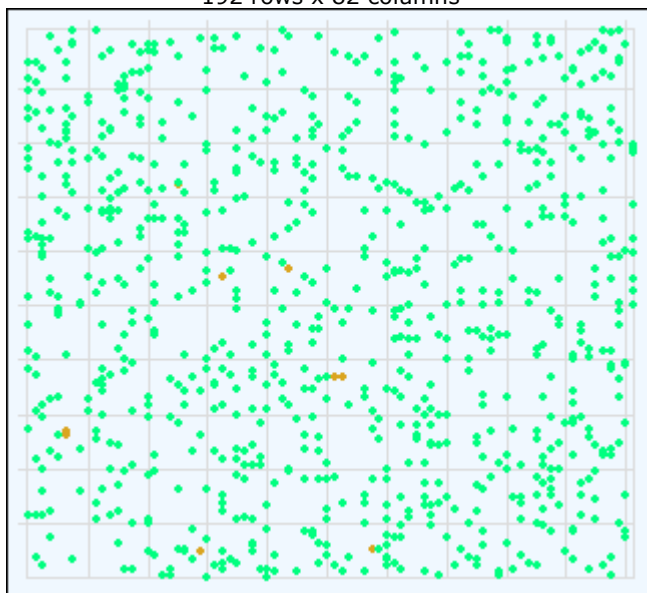
Spot Finding of the Four Corners of the Array**Grid Normal**

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

Non Uniform	0	9
Population	834	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 834(6.07%)

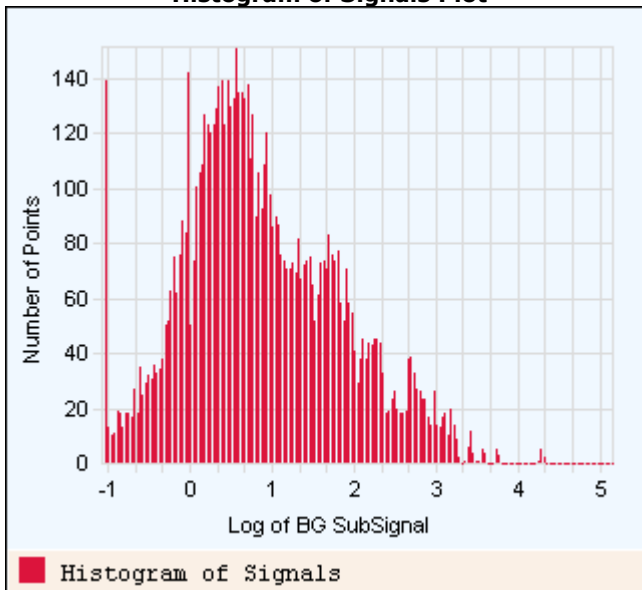
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	951
50% of Sig. Distrib.	23
1% of Sig. Distrib.	16

Negative Control Stats

Average Net Signals	22.98
StdDev Net Signals	2.25
Average BG Sub Signal	1.68
StdDev BG Sub Signal	2.18

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4963 (Green)

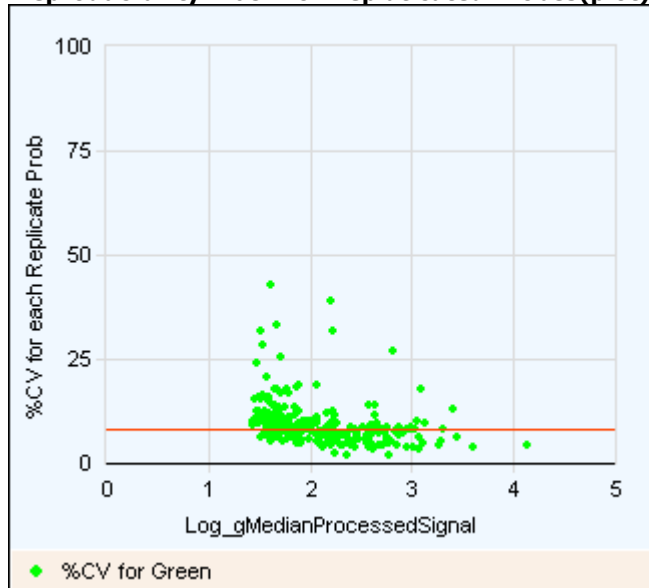
Foreground Surface Fit

RMS_Fit	1.68
RMS_Resid	2.75
Avg_Fit	57.89

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

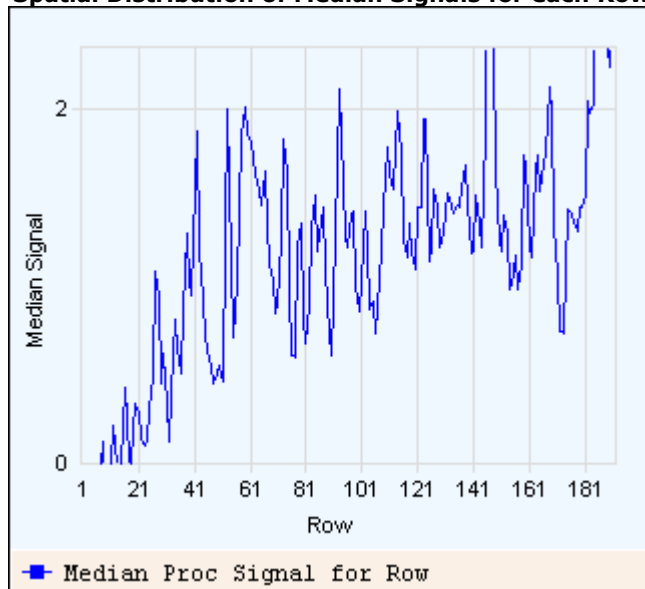
BGSubSignal	8.19
ProcessedSignal	8.19

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.75	NA	NA	False
AnyColorPrcntFeatPopnOL	6.07	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	8.19	NA	NA	False
gTotalSignal75pctile	7.89	NA	NA	False

◆ In Normal Range ◆ Evaluate

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