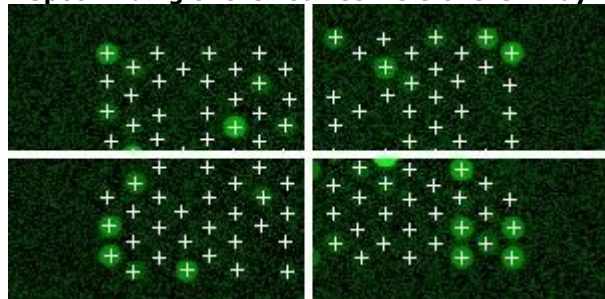


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:08	Grid	US22502705_251911810669_S01_H_grid (from grid_file)
Image	US22502705_251911810669_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	1163640

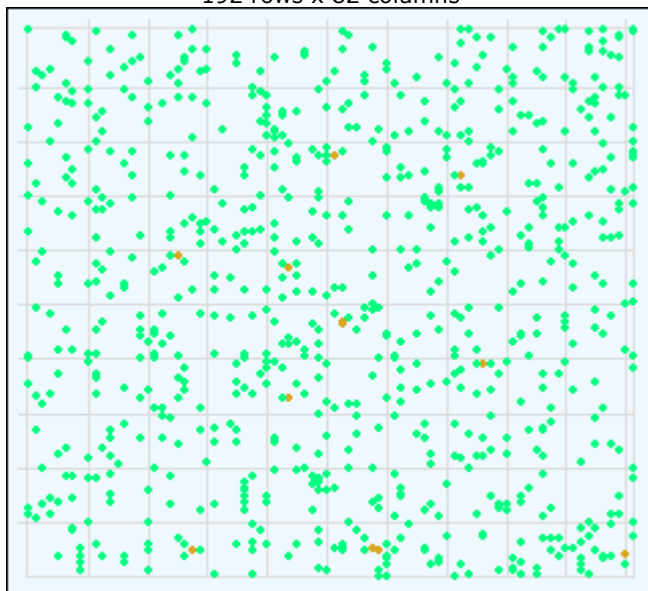
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	0
Population	767

Non Uniform	0	12
Population	767	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 767(5.58%)

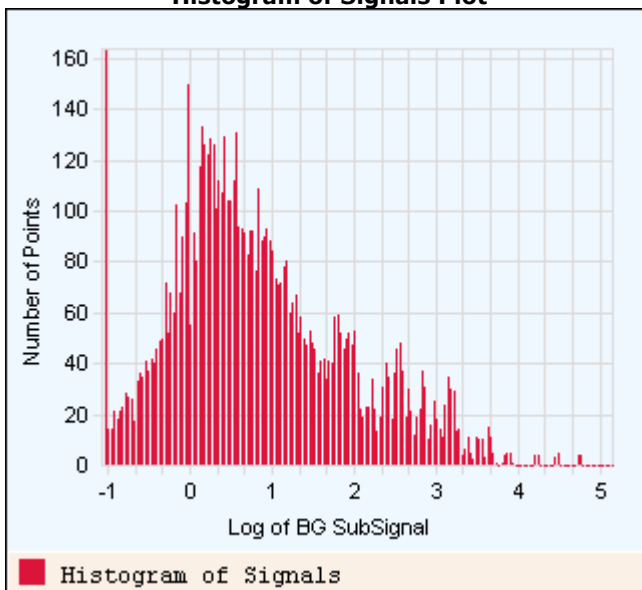
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1683
50% of Sig. Distrib.	16
1% of Sig. Distrib.	11

Negative Control Stats

Average Net Signals	15.27
StdDev Net Signals	1.91
Average BG Sub Signal	-0.20
StdDev BG Sub Signal	1.89

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5551 (Green)

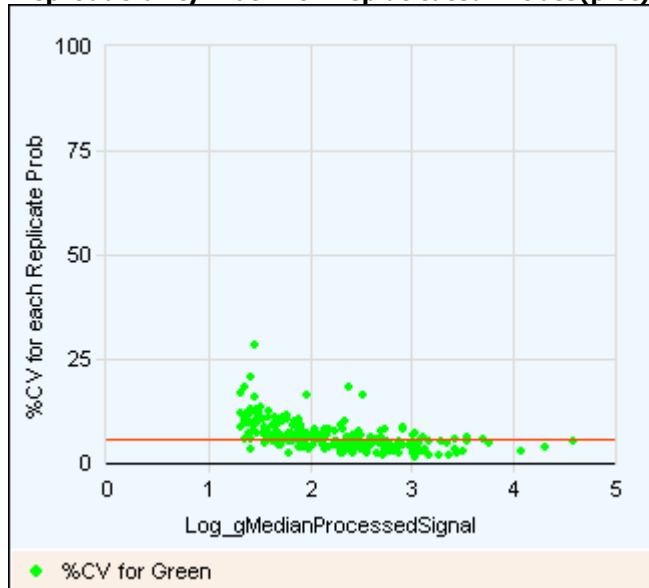
Foreground Surface Fit

RMS_Fit	0.67
RMS_Resid	2.05
Avg_Fit	51.72

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

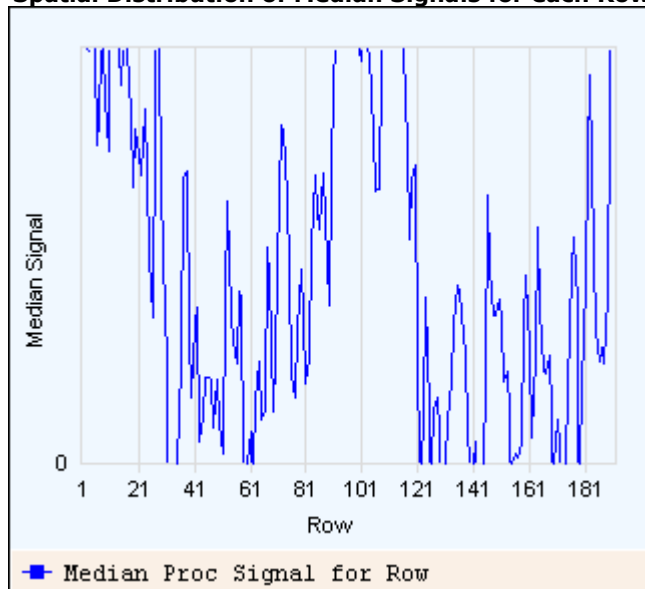
BGSubSignal	5.81
ProcessedSignal	5.81

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.05	NA	NA	False
AnyColorPrcntFeatPopnOL	5.58	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	5.81	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**