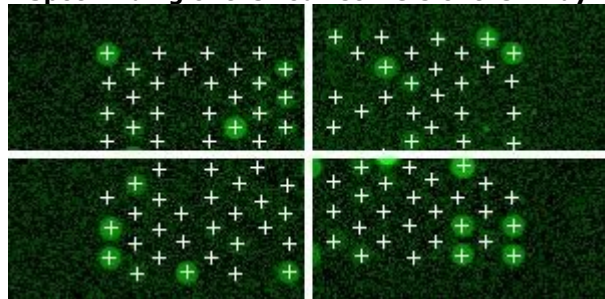


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:33	Grid	US22502705_251911811012_S01_H_grid (from grid_file)
Image	US22502705_251911811012_S01_H [1_3]	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	1158913

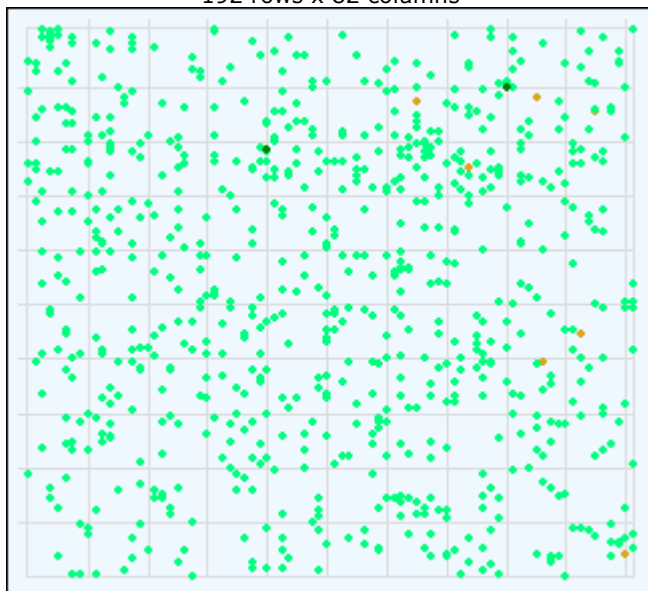
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	2
Population	742

Non Uniform	2	8
Population	742	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 2(0.01%)

Feature Population Outliers = 742(5.40%)

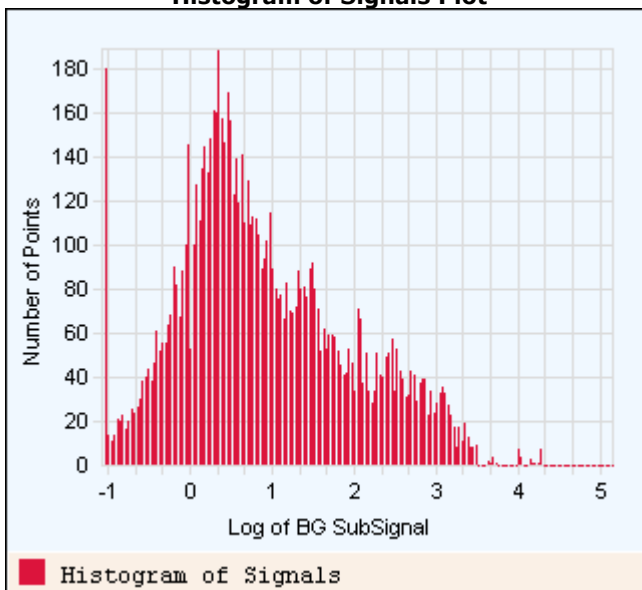
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1312
50% of Sig. Distrib.	20
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	17.93
StdDev Net Signals	1.93
Average BG Sub Signal	-0.40
StdDev BG Sub Signal	1.79

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4074 (Green)

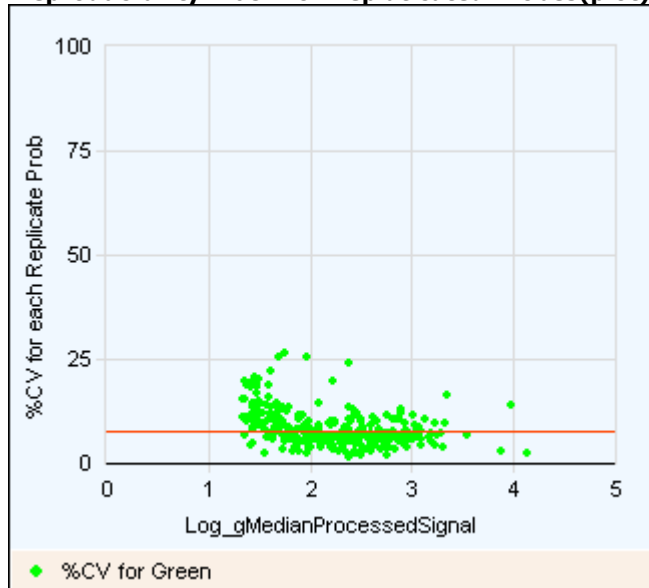
Foreground Surface Fit

RMS_Fit	0.91
RMS_Resid	2.15
Avg_Fit	54.78

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

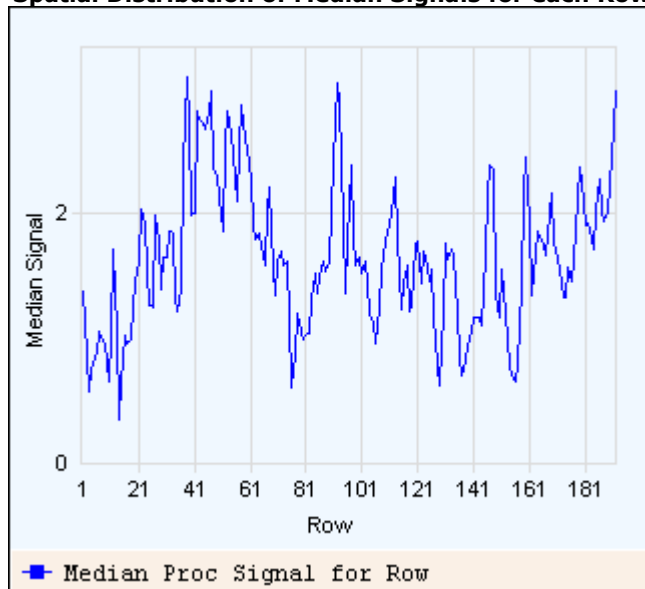
BGSubSignal	7.57
ProcessedSignal	7.57

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.15	NA	NA	False
AnyColorPrcntFeatPopnOL	5.40	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.57	NA	NA	False
gTotalSignal75pctile	8.05	NA	NA	False

◆ In Normal Range ◆ Evaluate

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