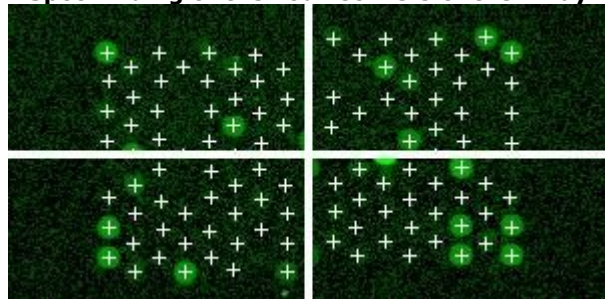


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:29	Grid	US22502705_251911811008_S01_H_grid (from grid_file)
Image	US22502705_251911811008_S01_H [2_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	1147898

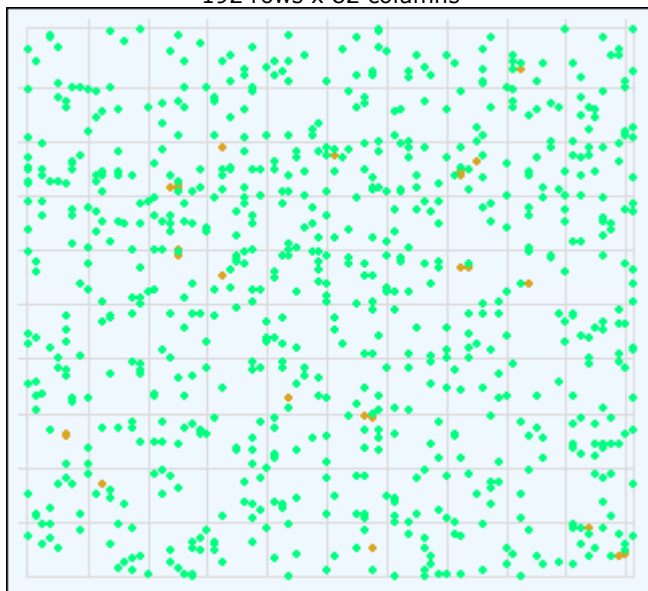
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature **Local Background**

Non Uniform	0	28
Population	743	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 743(5.41%)

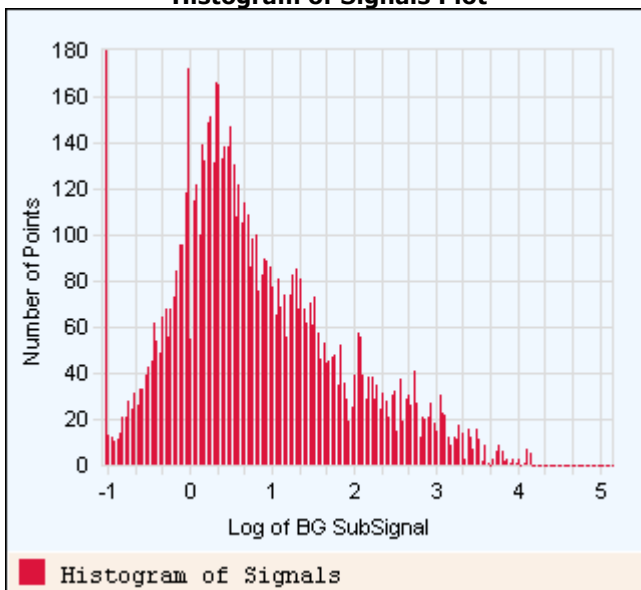
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1646
50% of Sig. Distrib.	19
1% of Sig. Distrib.	13

Negative Control Stats

Average Net Signals	18.03
StdDev Net Signals	2.23
Average BG Sub Signal	0.31
StdDev BG Sub Signal	1.96

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4919 (Green)

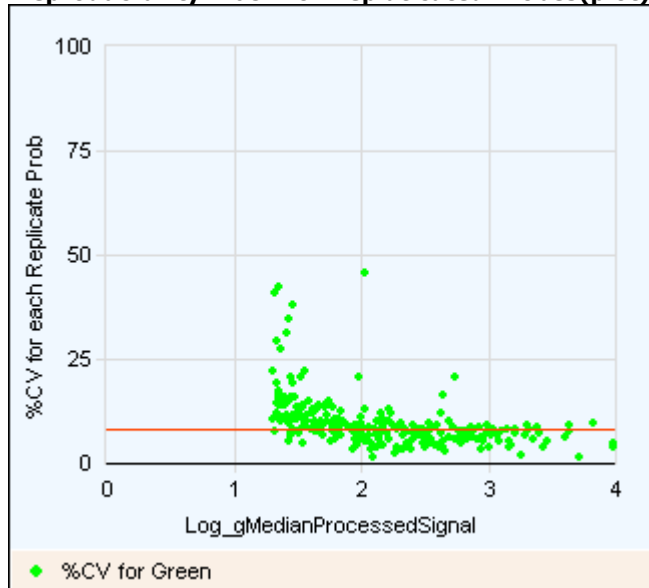
Foreground Surface Fit

RMS_Fit	1.02
RMS_Resid	2.03
Avg_Fit	53.60

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

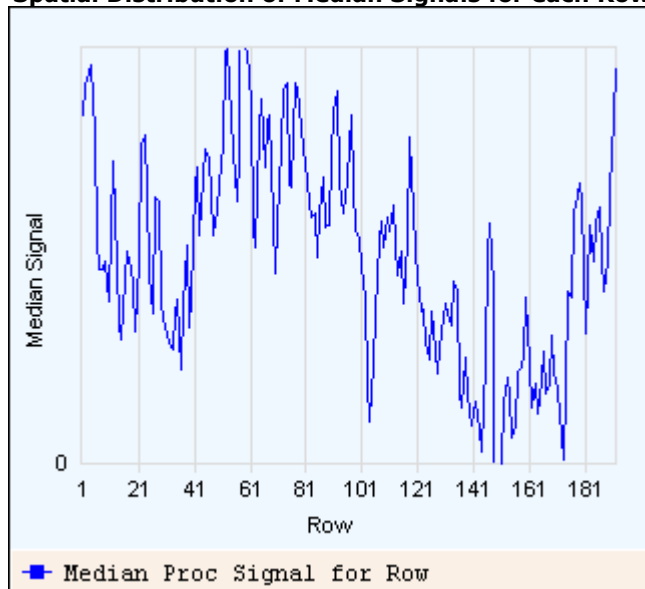
BGSubSignal	8.19
ProcessedSignal	8.19

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.03	NA	NA	False
AnyColorPrctFeatPopnOL	5.41	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	8.19	NA	NA	False
gTotalSignal75pctile	4.23	NA	NA	False

◆ In Normal Range ◆ Evaluate

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