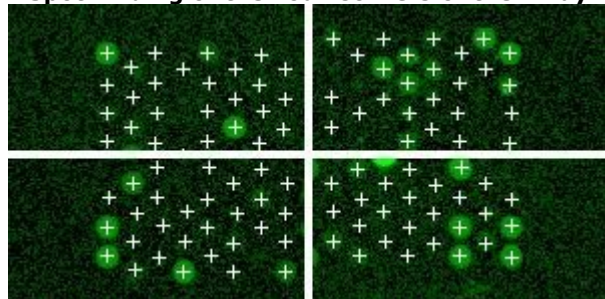


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 15:35	Grid	US22502705_251911811014_S01_H_grid (from grid_file)
Image	US22502705_251911811014_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	1169453

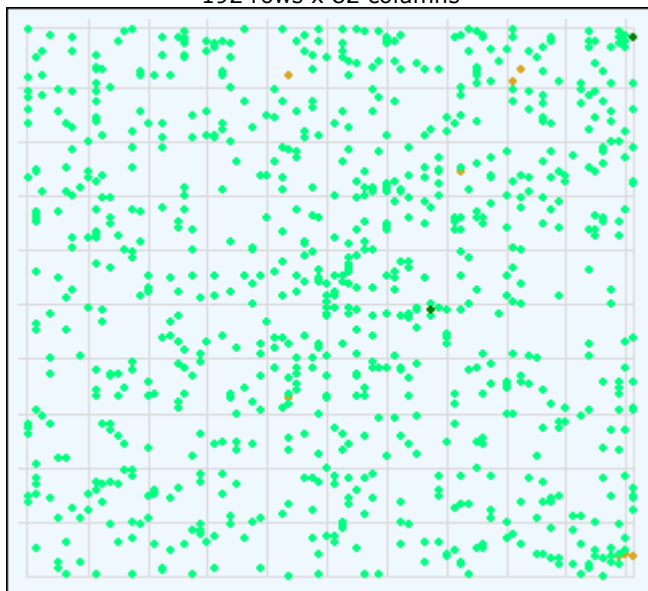
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	2
Population	807

Non Uniform	2	8
Population	807	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 2(0.01%)

Feature Population Outliers = 807(5.87%)

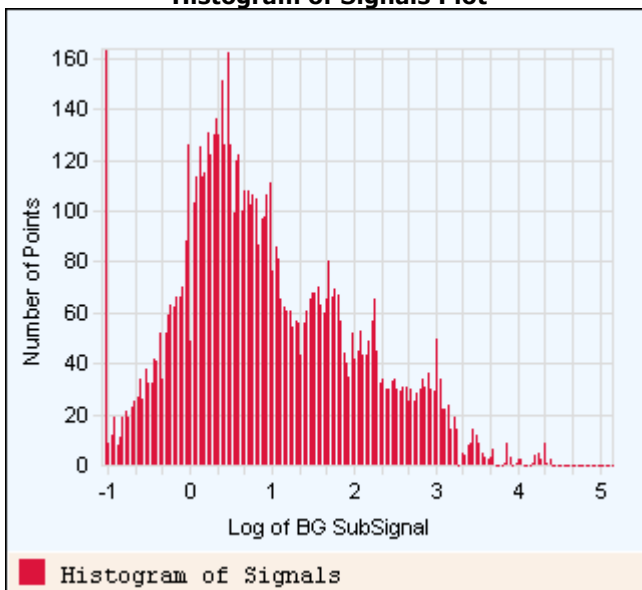
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1350
50% of Sig. Distrib.	20
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	18.34
StdDev Net Signals	1.81
Average BG Sub Signal	-0.81
StdDev BG Sub Signal	1.92

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4980 (Green)

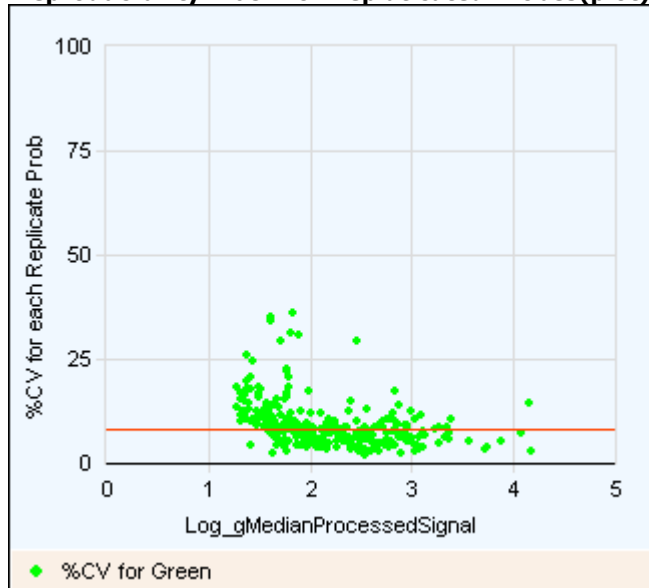
Foreground Surface Fit

RMS_Fit	0.59
RMS_Resid	1.91
Avg_Fit	55.60

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

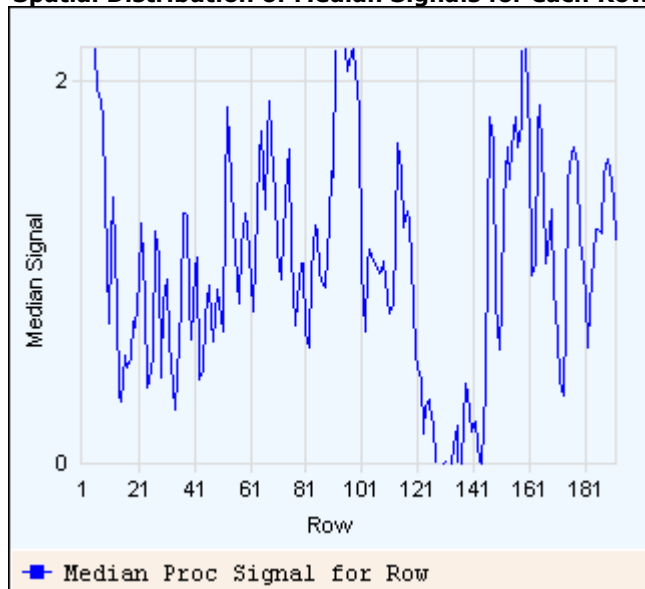
BGSubSignal	8.08
ProcessedSignal	8.08

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.91	NA	NA	False
AnyColorPrcntFeatPopnOL	5.87	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	8.08	NA	NA	False
gTotalSignal75pctile	5.48	NA	NA	False

◆ In Normal Range ◆ Evaluate

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