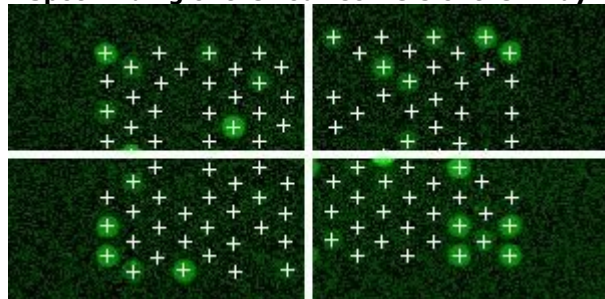


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Wednesday, April 16, 2008 - 18:11	Grid	US22502705_251911810672_S01_H_grid (from grid_file)
Image	US22502705_251911810672_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	2
		Saturation Value	1186230

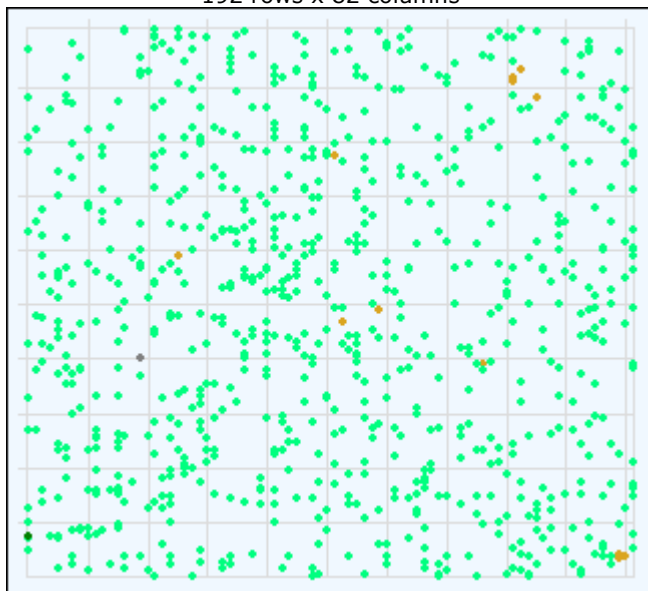
Spot Finding of the Four Corners of the Array**Evaluate Grid**

Feature	Local Background
Non Uniform	1
Population	788

Non Uniform	1	13
Population	788	1

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 788(5.74%)

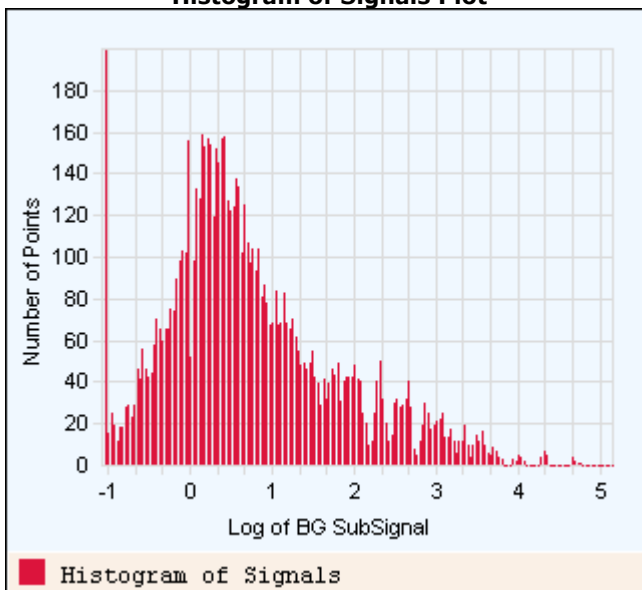
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2199
50% of Sig. Distrib.	16
1% of Sig. Distrib.	12

Negative Control Stats

Average Net Signals	15.74
StdDev Net Signals	1.70
Average BG Sub Signal	0.05
StdDev BG Sub Signal	1.68

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5000 (Green)

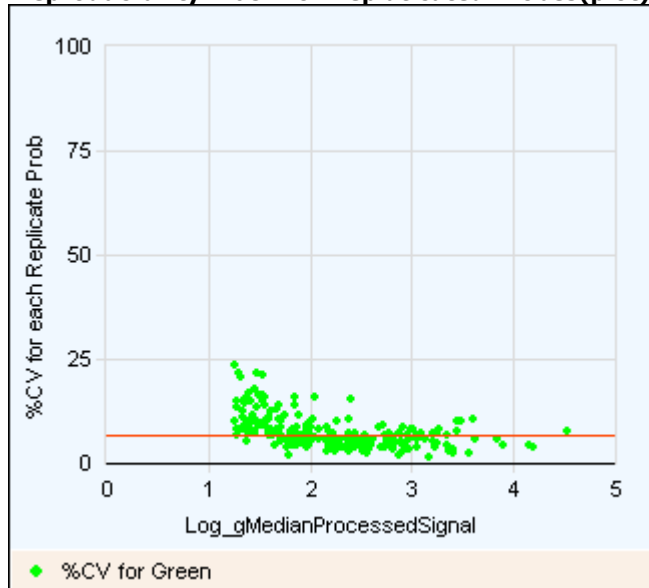
Foreground Surface Fit

RMS_Fit	0.38
RMS_Resid	1.81
Avg_Fit	51.52

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

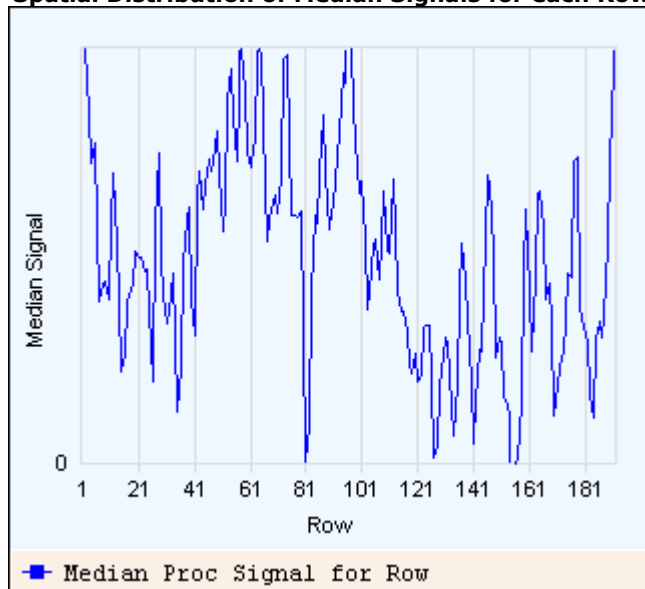
BGSubSignal	6.58
ProcessedSignal	6.58

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	1.81	NA	NA	False
AnyColorPrcntFeatPopnOL	5.74	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	6.58	NA	NA	False
gTotalSignal75pctile	3.54	NA	NA	False

◆ In Normal Range ◆ Evaluate

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