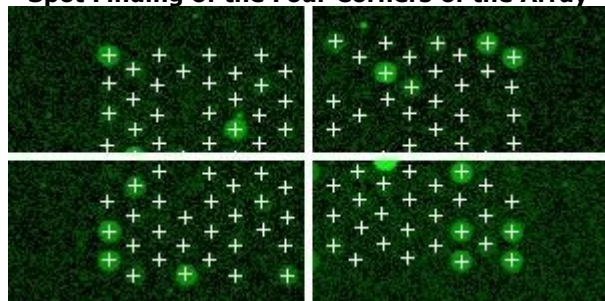


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

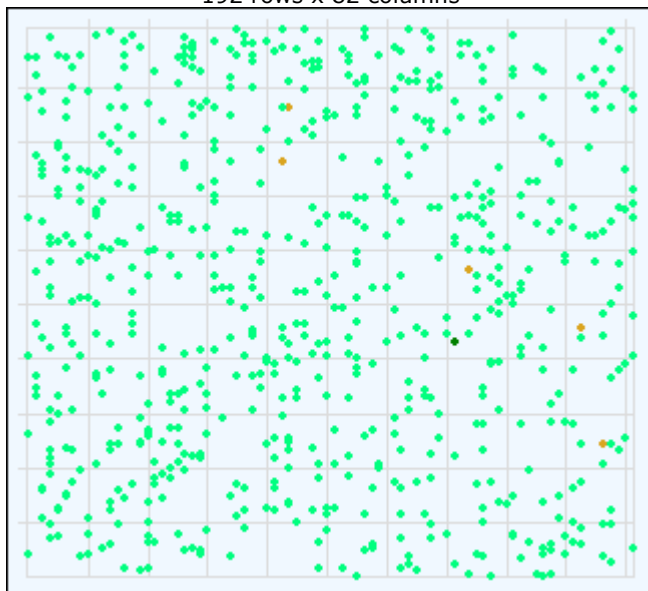
Date	Wednesday, April 16, 2008 - 18:00	Grid	US22502705_251911810643_S01_H_grid (from grid_file)
Image	US22502705_251911810643_S01_H [1_1]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1149263

Spot Finding of the Four Corners of the Array**Grid Normal****Feature****Local
Background**

Non Uniform	1	5
Population	669	0

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 669(4.87%)

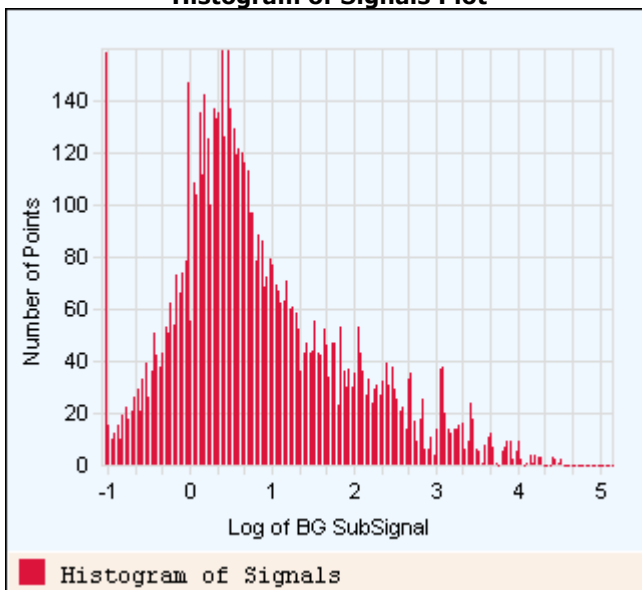
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2214
50% of Sig. Distrib.	19
1% of Sig. Distrib.	13

Negative Control Stats

Average Net Signals	19.45
StdDev Net Signals	2.15
Average BG Sub Signal	0.85
StdDev BG Sub Signal	2.18

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5637 (Green)

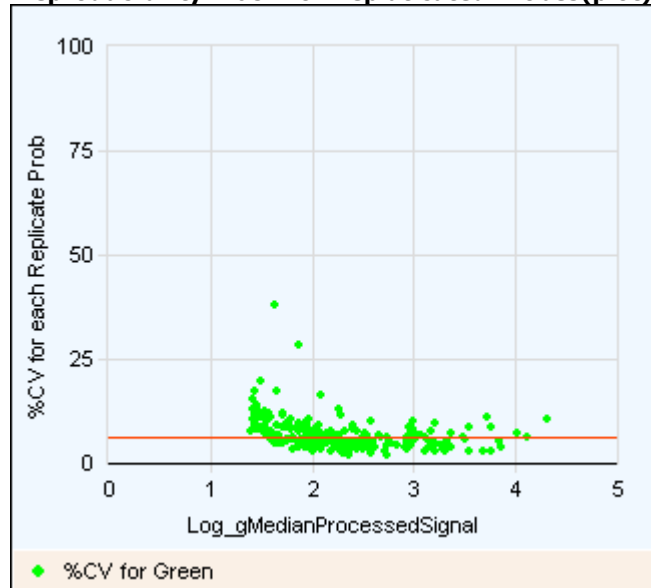
Foreground Surface Fit

RMS_Fit	0.99
RMS_Resid	2.48
Avg_Fit	54.80

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

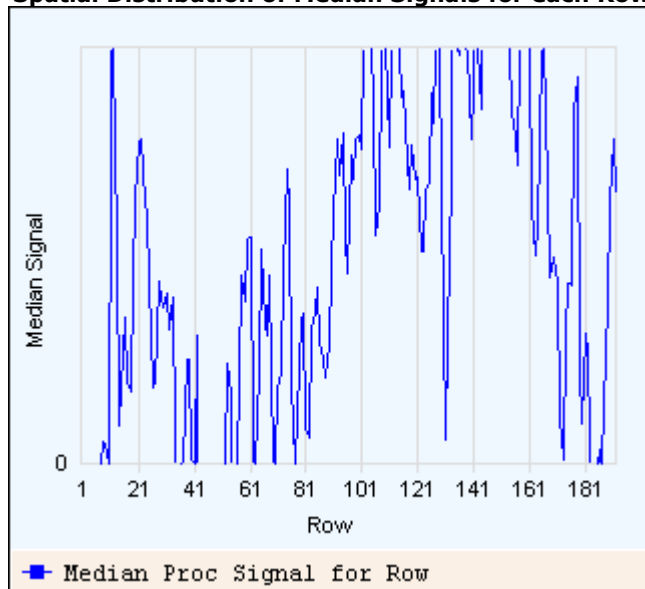
BGSubSignal	6.02
ProcessedSignal	6.02

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.48	NA	NA	False
AnyColorPrcntFeatPopnOL	4.87	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	6.02	NA	NA	False
gTotalSignal75pctile	3.68	NA	NA	False

◆ In Normal Range ◆ Evaluate

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