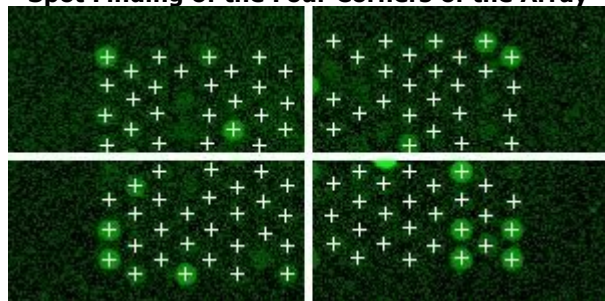


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

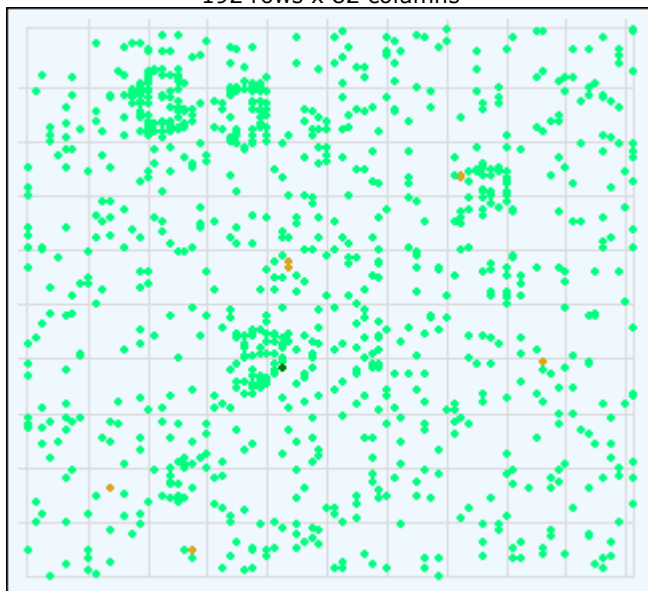
Date	Wednesday, April 16, 2008 - 17:52	Grid	US22502705_251911810637_S01_H_grid (from grid_file)
Image	US22502705_251911810637_S01_H [1_2]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	4
		Saturation Value	1162555

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

Feature	Local Background
Non Uniform	1
Population	887

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 887(6.46%)

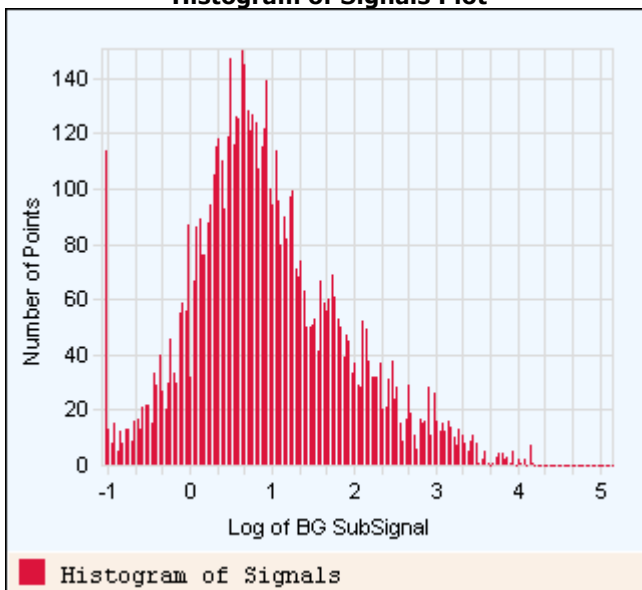
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1225
50% of Sig. Distrib.	22
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	26.22
StdDev Net Signals	2.82
Average BG Sub Signal	4.62
StdDev BG Sub Signal	3.03

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5871 (Green)

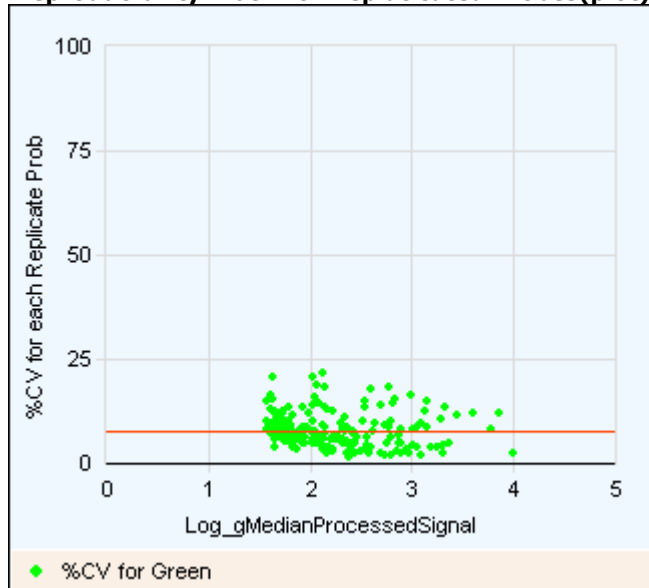
Foreground Surface Fit

RMS_Fit	1.23
RMS_Resid	3.66
Avg_Fit	57.82

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

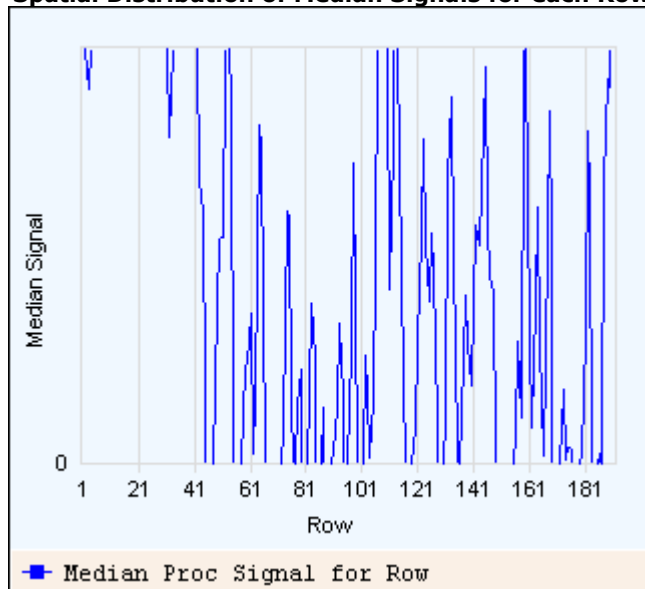
BGSubSignal	7.50
ProcessedSignal	7.50

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	3.66	NA	NA	False
AnyColorPrcntFeatPopnOL	6.46	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.50	NA	NA	False
gTotalSignal75pctile	7.48	NA	NA	False

◆ In Normal Range ◆ Evaluate

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