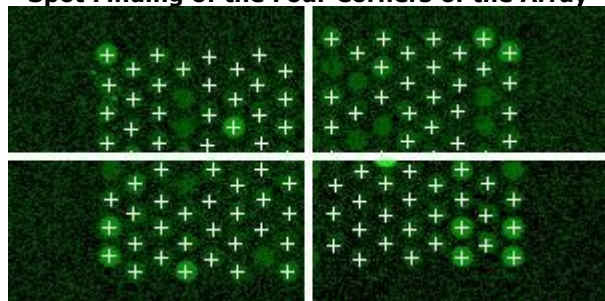


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

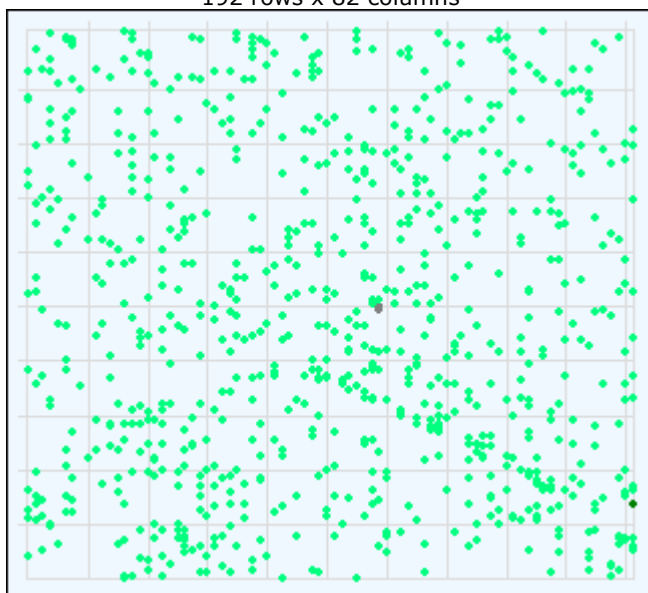
Date	Wednesday, April 16, 2008 - 17:56	Grid	US22502705_251911810638_S01_H_grid (from grid_file)
Image	US22502705_251911810638_S01_H [2_2]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	6
		Saturation Value	1150906

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

Feature	Local Background
Non Uniform	1
Population	787

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 787(5.73%)

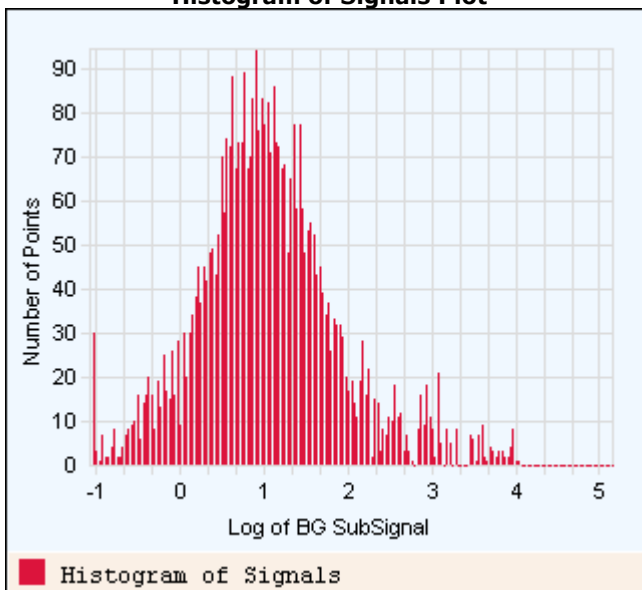
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	767
50% of Sig. Distrib.	27
1% of Sig. Distrib.	17

Negative Control Stats

Average Net Signals	39.71
StdDev Net Signals	4.37
Average BG Sub Signal	7.90
StdDev BG Sub Signal	4.51

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 8759 (Green)

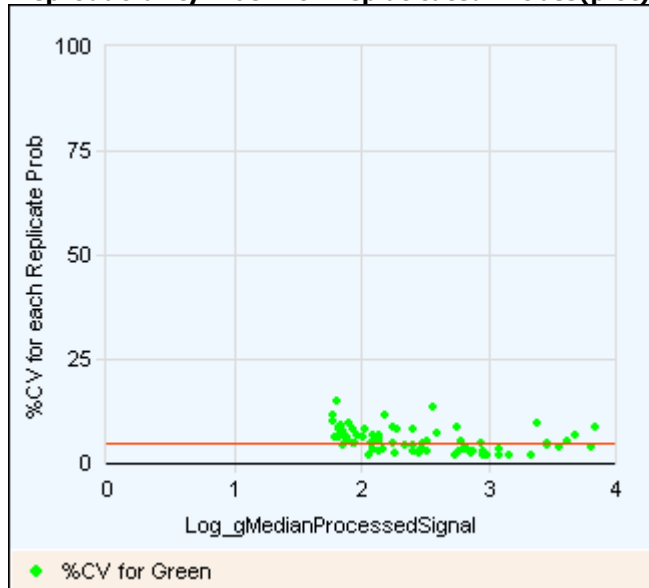
Foreground Surface Fit

RMS_Fit	2.17
RMS_Resid	5.86
Avg_Fit	68.08

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

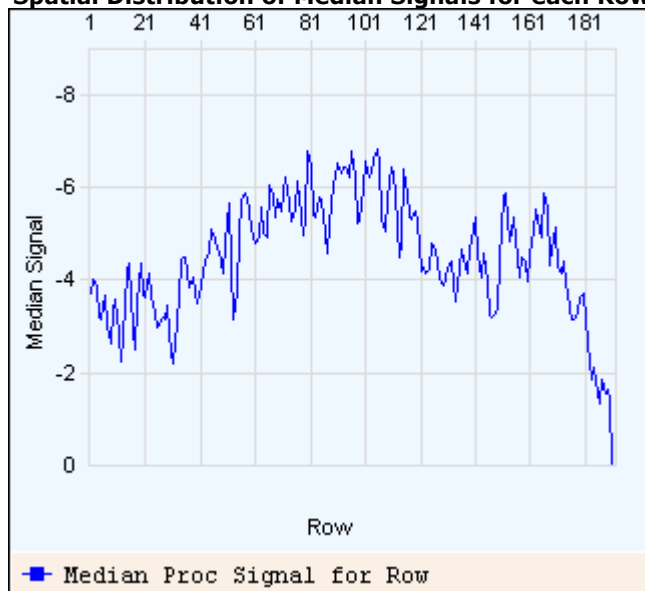
BGSubSignal	4.87
ProcessedSignal	4.87

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	5.86	NA	NA	False
AnyColorPrctFeatPopnOL	5.73	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	4.87	NA	NA	False
gTotalSignal75pctile	2.29	NA	NA	False

◆ In Normal Range ◆ Evaluate

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