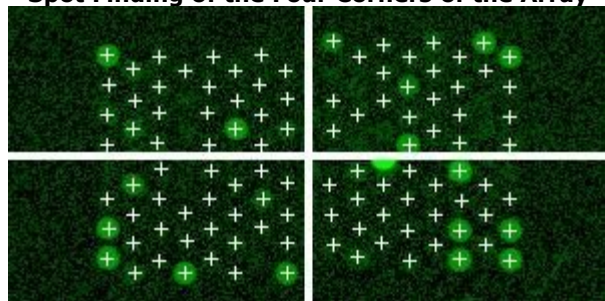


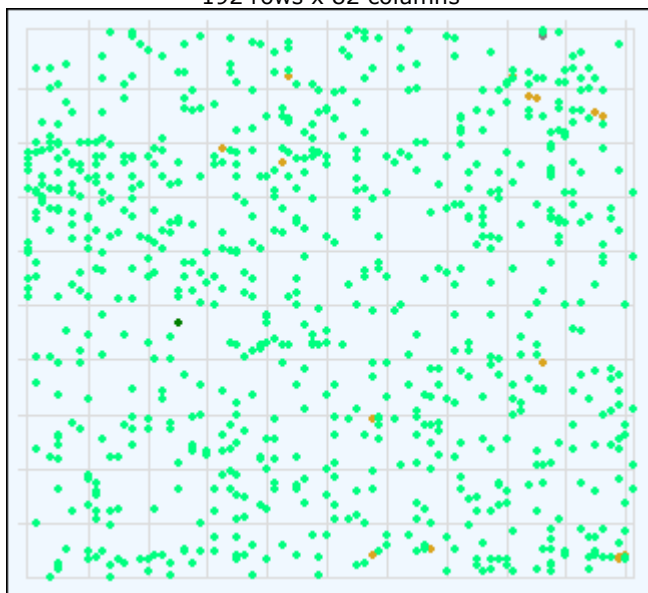
QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 13:51	Grid	019118_D_I_20080214
Image	US22502705_251911811010_S01_H [2_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	1157468

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

Feature	Local Background
Non Uniform	1
Population	764

Non Uniform	1	16
Population	764	1

Spatial Distribution of All Outliers on the Array
 192 rows x 82 columns


FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 764(5.56%)

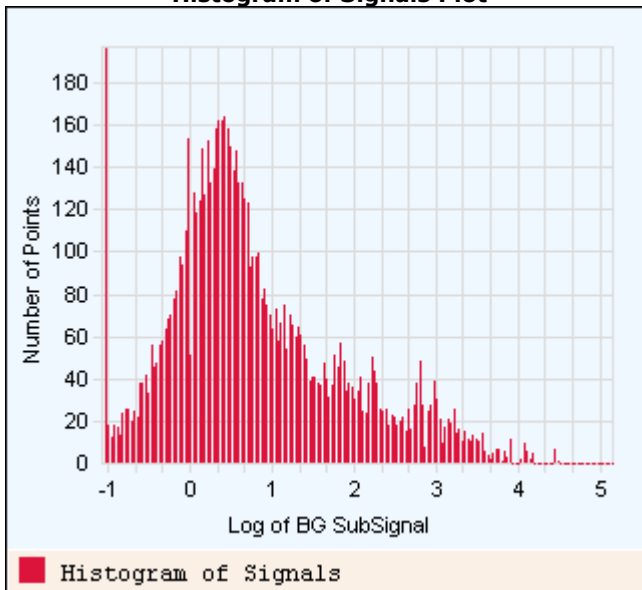
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	2151
50% of Sig. Distrib.	20
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	20.25
StdDev Net Signals	2.43
Average BG Sub Signal	0.78
StdDev BG Sub Signal	2.10

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4925 (Green)

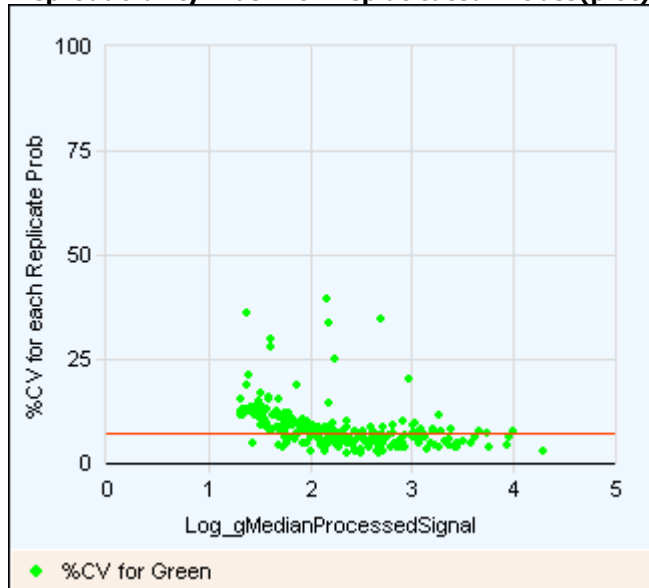
Foreground Surface Fit

RMS_Fit	1.13
RMS_Resid	2.03
Avg_Fit	56.06

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

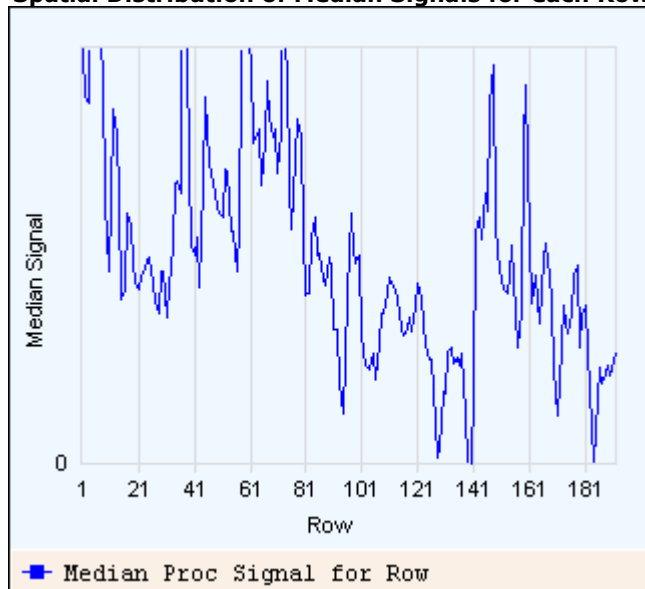
BGSubSignal	7.23
ProcessedSignal	7.23

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.03	NA	NA	False
AnyColorPrcntFeatPopnOL	5.56	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.23	NA	NA	False
gTotalSignal75pctile	5.25	NA	NA	False

◆ In Normal Range ◆ Evaluate

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