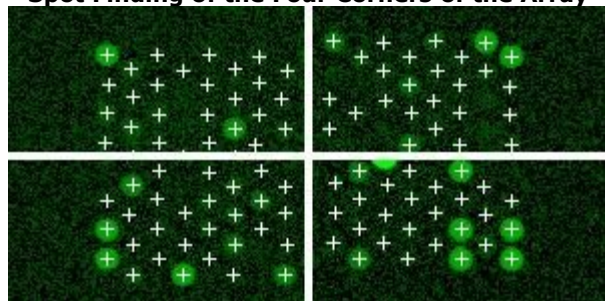


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

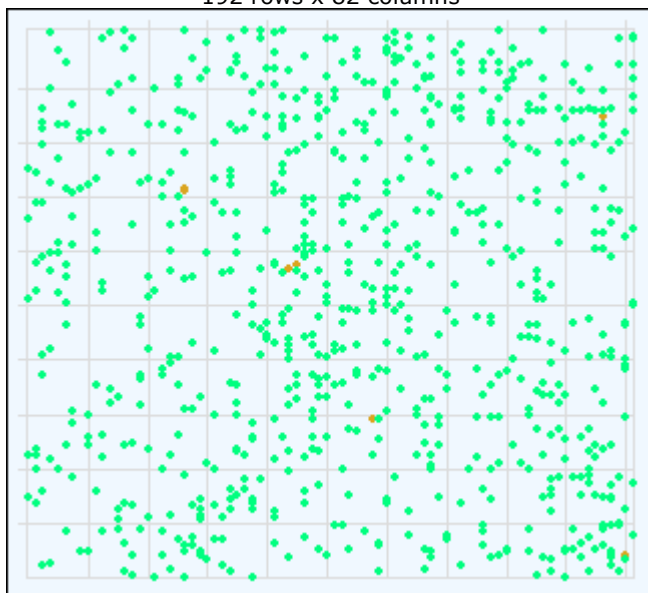
Date	Monday, June 23, 2008 - 13:51	Grid	019118_D_I_20080214
Image	US22502705_251911811010_S01_H [2_2]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1146843

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

Feature	Local Background
Non Uniform	0
Population	750

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 750(5.46%)

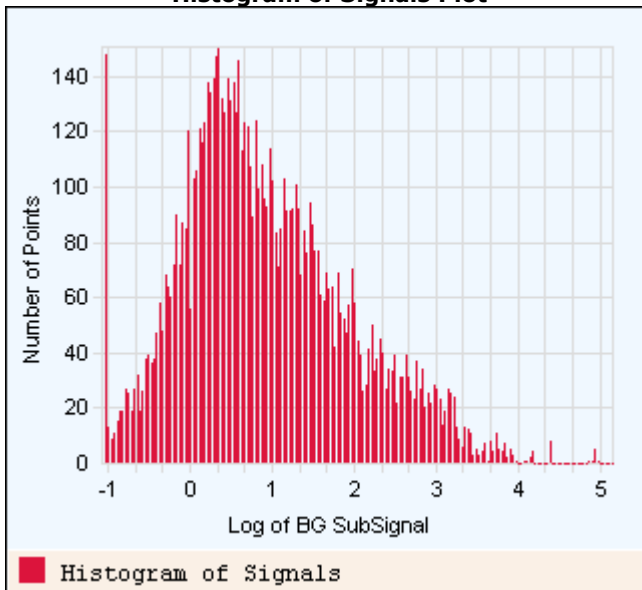
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1723
50% of Sig. Distrib.	20
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	18.09
StdDev Net Signals	1.96
Average BG Sub Signal	-0.57
StdDev BG Sub Signal	1.83

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4421 (Green)

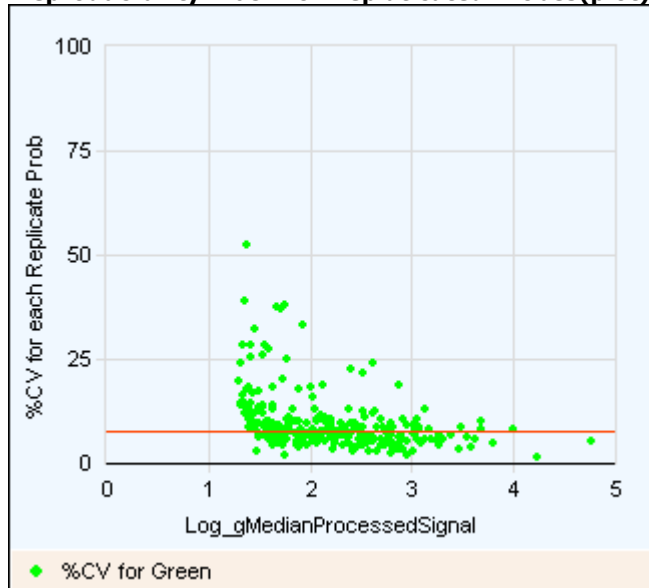
Foreground Surface Fit

RMS_Fit	1.06
RMS_Resid	2.03
Avg_Fit	55.26

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

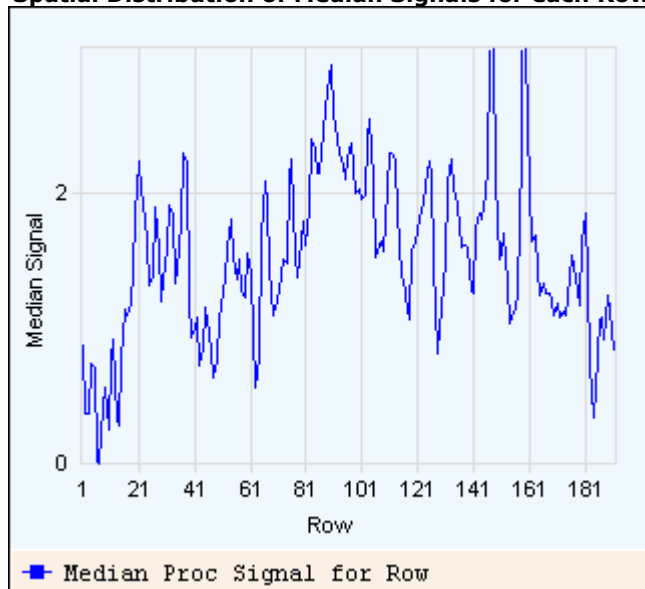
BGSubSignal	7.75
ProcessedSignal	7.75

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	5.46	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.75	NA	NA	False
gTotalSignal75pctile	8.31	NA	NA	False

◆ In Normal Range ◆ Evaluate

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