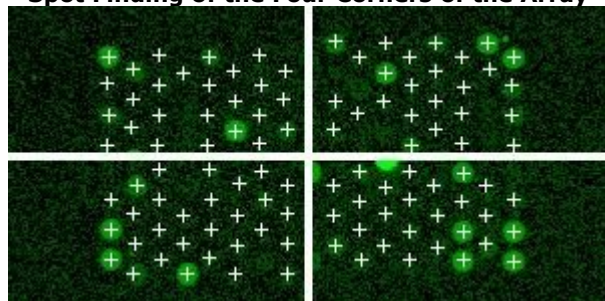


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

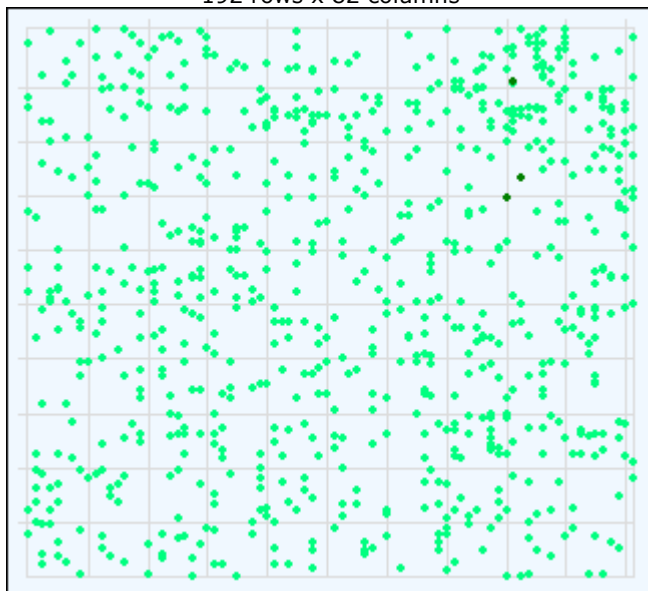
Date	Wednesday, April 16, 2008 - 17:55	Grid	US22502705_251911810639_S01_H_grid (from grid_file)
Image	US22502705_251911810639_S01_H [1_2]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	3
		Saturation Value	1145968

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

Feature	Local Background
Non Uniform	3
Population	750

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 3(0.02%)

Feature Population Outliers = 750(5.46%)

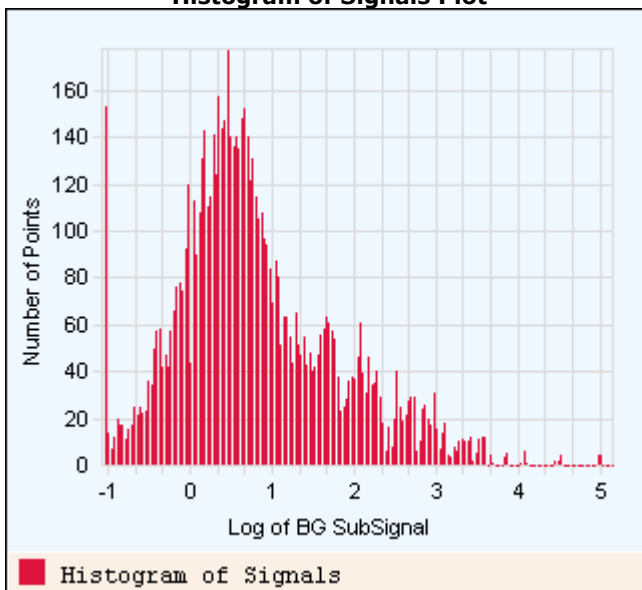
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1511
50% of Sig. Distrib.	21
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	21.74
StdDev Net Signals	2.70
Average BG Sub Signal	1.44
StdDev BG Sub Signal	2.71

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5382 (Green)

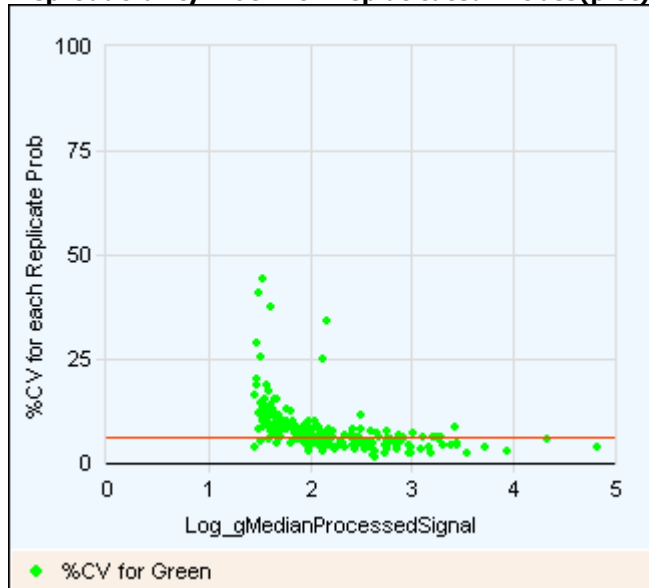
Foreground Surface Fit

RMS_Fit	0.59
RMS_Resid	2.82
Avg_Fit	56.49

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

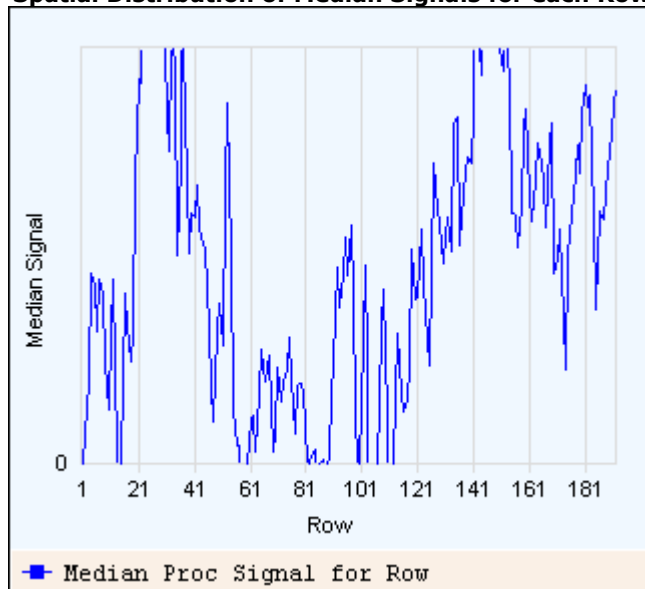
BGSubSignal	6.30
ProcessedSignal	6.30

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.82	NA	NA	False
AnyColorPrctFeatPopnOL	5.46	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	6.30	NA	NA	False
gTotalSignal75pctile	4.07	NA	NA	False

◆ In Normal Range ◆ Evaluate

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