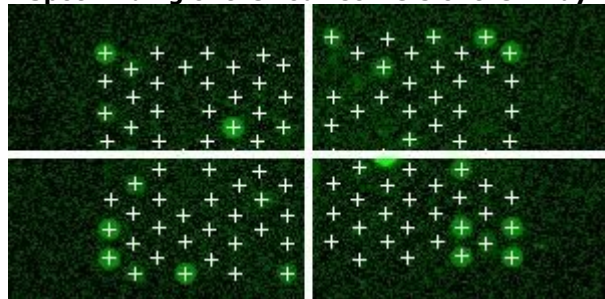


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

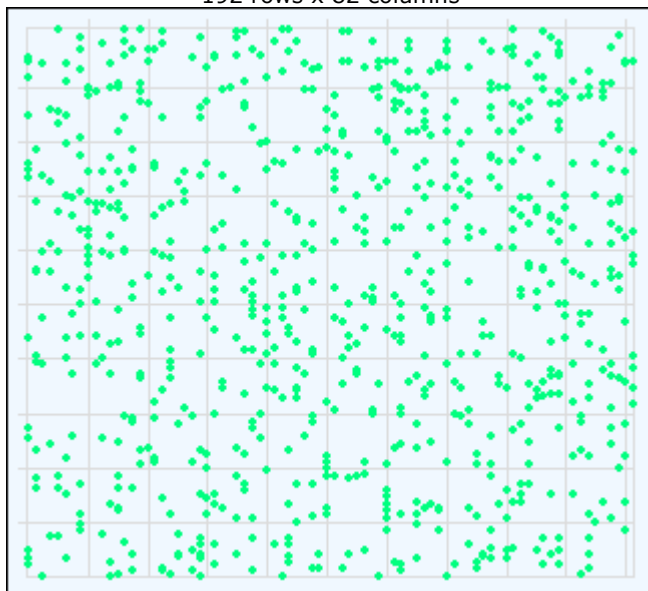
Date	Wednesday, April 16, 2008 - 17:52	Grid	US22502705_251911810637_S01_H_grid (from grid_file)
Image	US22502705_251911810637_S01_H [1_3]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1167762

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

Feature	Local Background
Non Uniform	0
Population	772

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 772(5.62%)

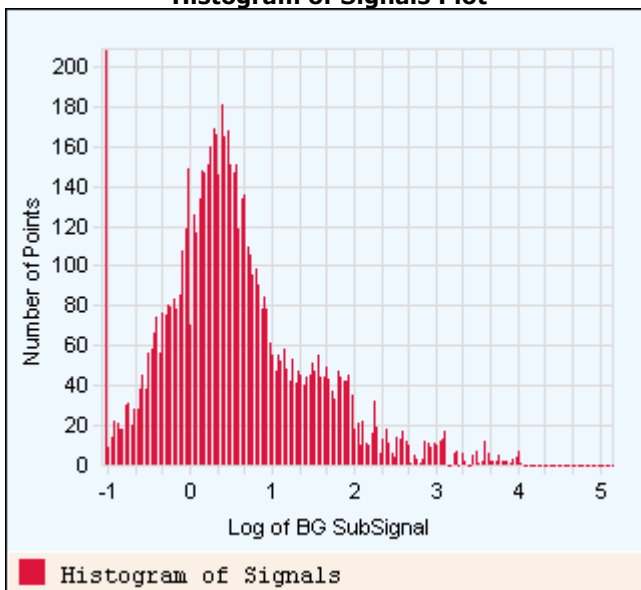
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	846
50% of Sig. Distrib.	18
1% of Sig. Distrib.	13

Negative Control Stats

Average Net Signals	18.17
StdDev Net Signals	2.50
Average BG Sub Signal	0.88
StdDev BG Sub Signal	2.49

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 5480 (Green)

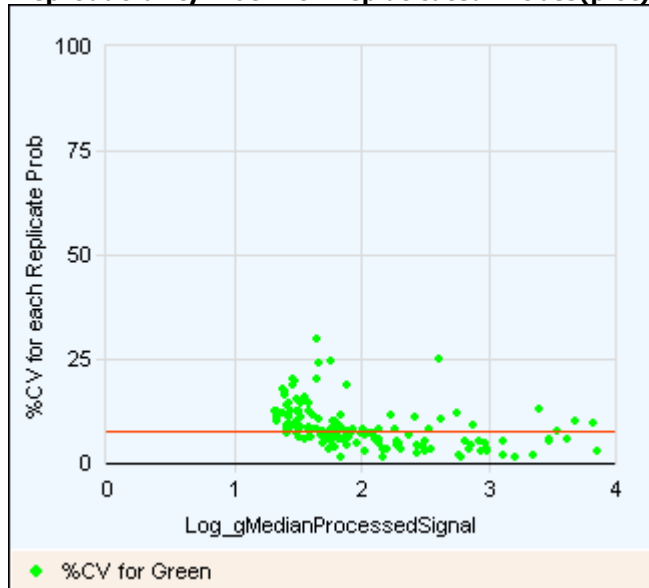
Foreground Surface Fit

RMS_Fit	0.83
RMS_Resid	2.12
Avg_Fit	53.50

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

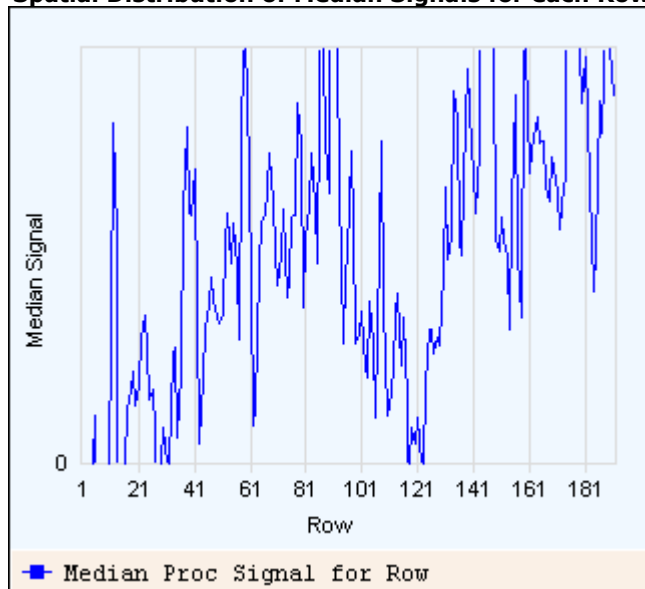
BGSubSignal	7.77
ProcessedSignal	7.77

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.12	NA	NA	False
AnyColorPrctFeatPopnOL	5.62	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	7.77	NA	NA	False
gTotalSignal75pctile	1.83	NA	NA	False

◆ In Normal Range ◆ Evaluate

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