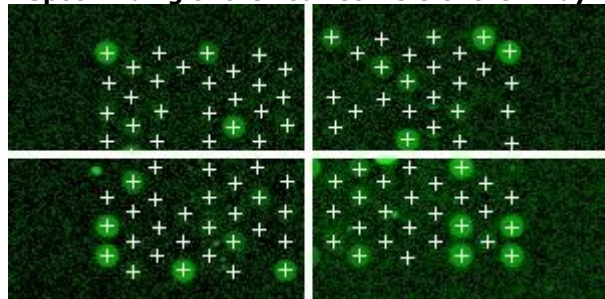


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

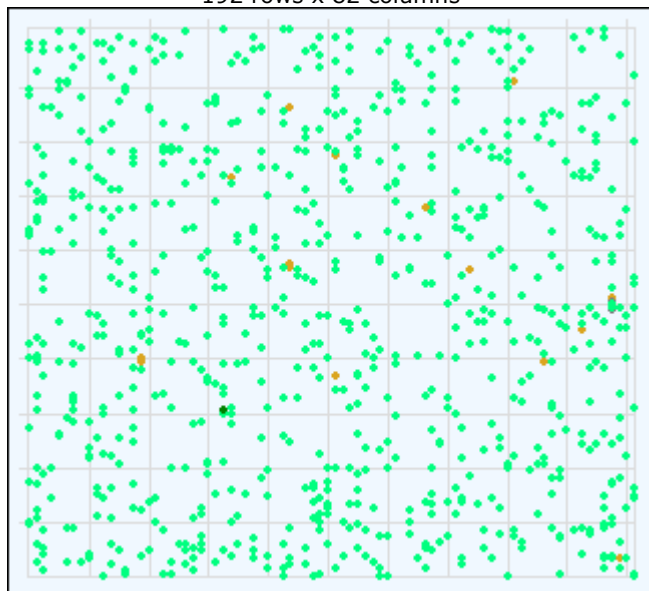
Date	Monday, June 23, 2008 - 15:33	Grid	US22502705_251911811012_S01_H_grid (from grid_file)
Image	US22502705_251911811012_S01_H [2_2]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	2
		Saturation Value	1149988

Spot Finding of the Four Corners of the Array**Grid Normal****Feature****Local
Background**

Non Uniform	1	19
Population	773	4

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 1(0.01%)

Feature Population Outliers = 773(5.63%)

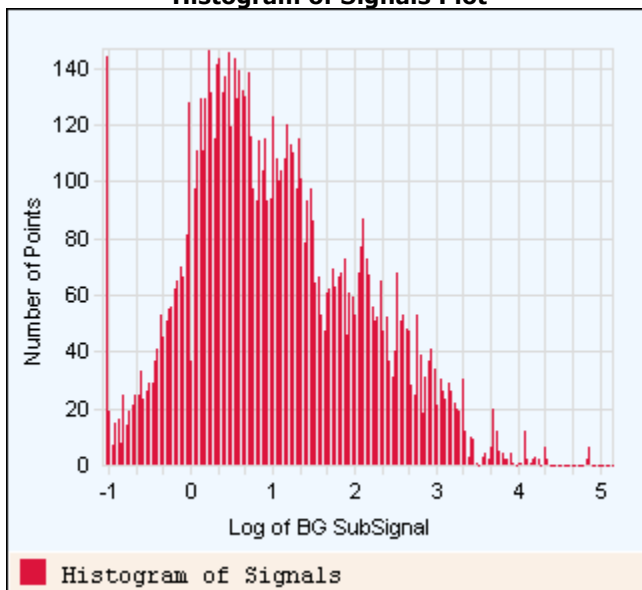
● BG NonUniform ● BG Population
● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1856
50% of Sig. Distrib.	21
1% of Sig. Distrib.	14

Negative Control Stats

Average Net Signals	17.60
StdDev Net Signals	2.07
Average BG Sub Signal	-1.02
StdDev BG Sub Signal	1.87

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 3810 (Green)

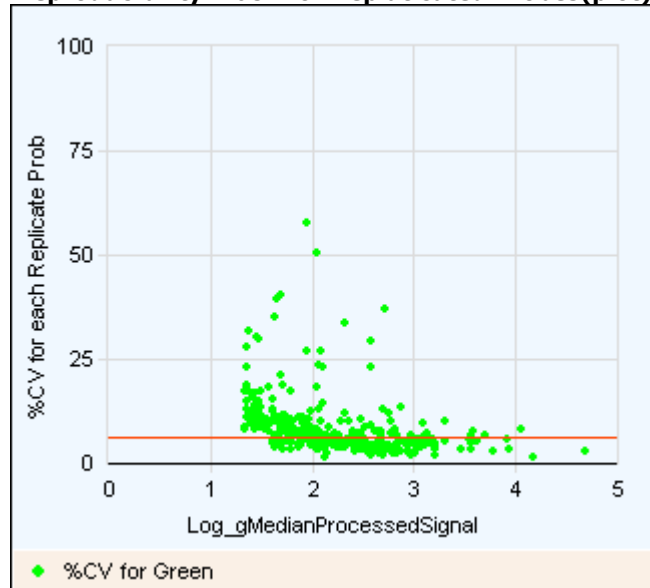
Foreground Surface Fit

RMS_Fit	1.10
RMS_Resid	2.11
Avg_Fit	55.05

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

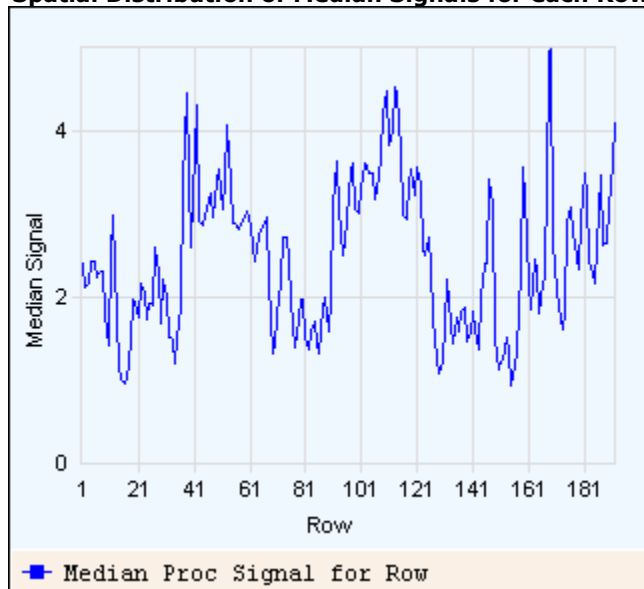
BGSubSignal	6.13
ProcessedSignal	6.13

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.11	NA	NA	False
AnyColorPrcntFeatPopnOL	5.63	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	6.13	NA	NA	False
gTotalSignal75pctile	15.01	NA	NA	False

◆ In Normal Range ◆ Evaluate

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