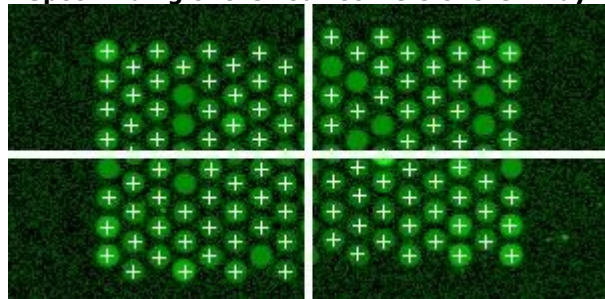


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

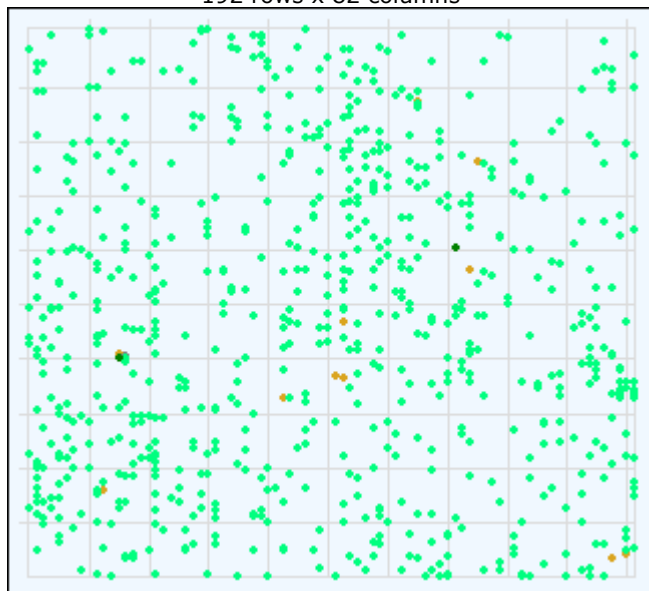
Date	Wednesday, April 16, 2008 - 17:56	Grid	US22502705_251911810638_S01_H_grid (from grid_file)
Image	US22502705_251911810638_S01_H [2_3]	BG Method	No Background
Protocol	miRNA-v1_95_May07 (Read Only)	Background Detrend	On(FeatNCRRange, LoPass)
User Name	pdandrad	Multiplicative Detrend	False
FE Version	9.5.3.1	Additive Error	50
		Saturation Value	1161418

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

Non Uniform	2	14
Population	705	3

Spatial Distribution of All Outliers on the Array

192 rows x 82 columns



FeatureNonUnif = 2(0.01%)

Feature Population Outliers = 705(5.13%)

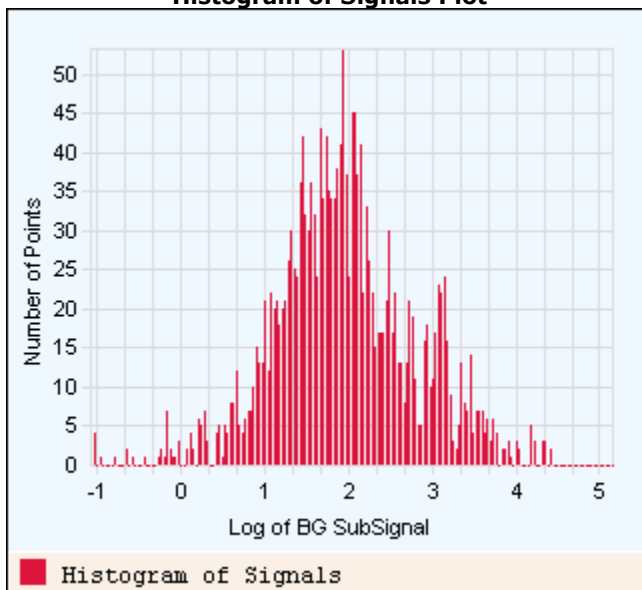
● BG NonUniform ● BG Population
 ● Green FeaturePopulation ● Green Feature NonUniform

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

# Saturated Features	0
99% of Sig. Distrib.	1656
50% of Sig. Distrib.	152
1% of Sig. Distrib.	68

Negative Control Stats

Average Net Signals	293.55
StdDev Net Signals	38.83
Average BG Sub Signal	43.82
StdDev BG Sub Signal	37.89

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 10861 (Green)

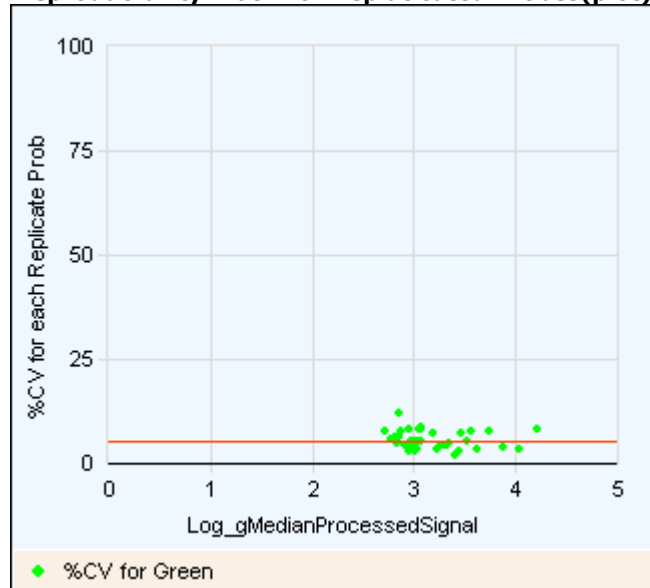
Foreground Surface Fit

RMS_Fit	21.47
RMS_Resid	50.13
Avg_Fit	285.96

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

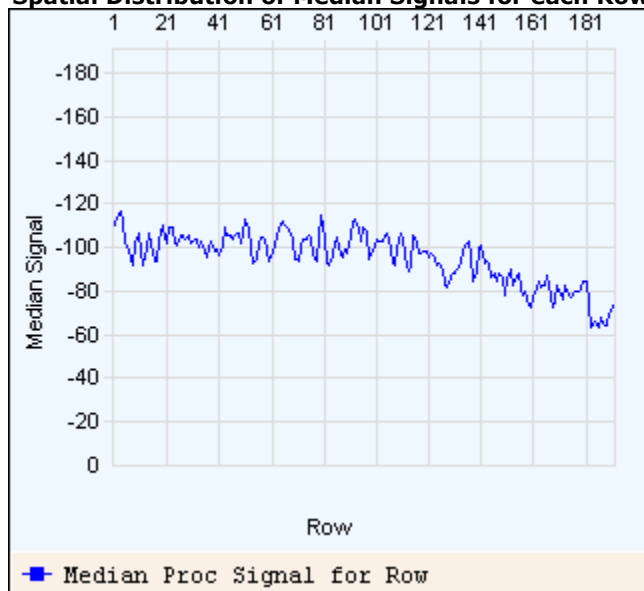
BGSubSignal	5.14
ProcessedSignal	5.14

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	50.13	NA	NA	False
AnyColorPrctFeatPopnOL	5.13	NA	NA	False
gNonCtrlMedPrctCVBGSubS...	5.14	NA	NA	False
gTotalSignal75pctile	0.00	NA	NA	False

◆ In Normal Range ◆ Evaluate

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