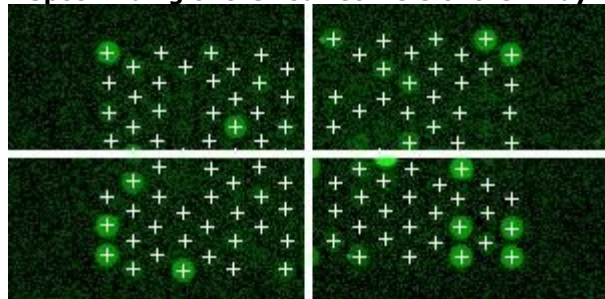


QC Report - Agilent Technologies : miRNA**QCMetrics InRange (4 of 4)**

Date	Monday, June 23, 2008 - 13:48	Grid	019118_D_I_20080214
Image	US22502705_251911811006_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	1178263

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

Feature	Local Background
Non Uniform	0
Population	774

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

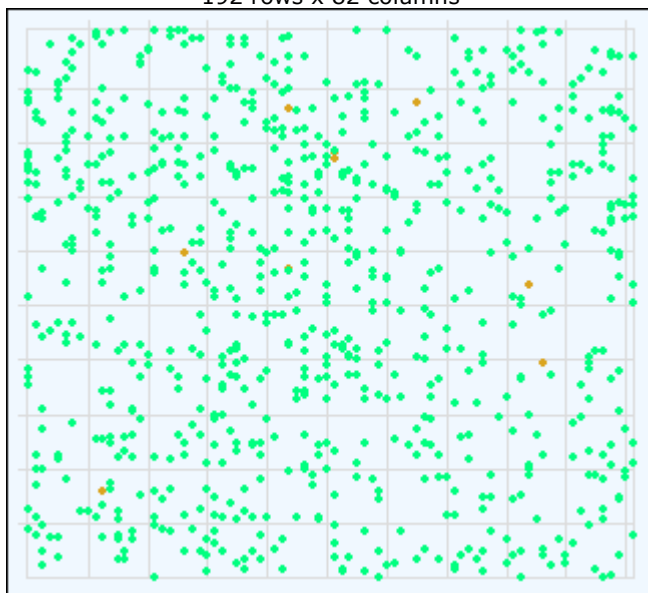
# Saturated Features	0
99% of Sig. Distrib.	1717
50% of Sig. Distrib.	22
1% of Sig. Distrib.	15

Negative Control Stats

Average Net Signals	21.14
StdDev Net Signals	2.17
Average BG Sub Signal	0.28
StdDev BG Sub Signal	2.04

Spatial Distribution of All Outliers on the Array

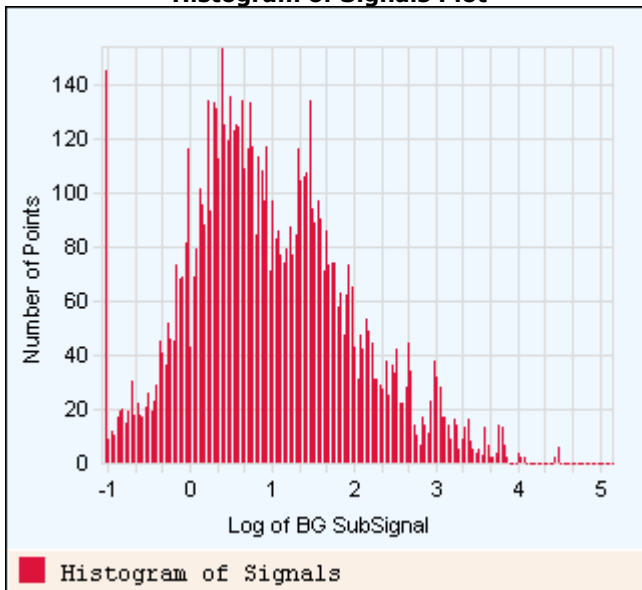
192 rows x 82 columns



FeatureNonUnif = 0(0.00%)

Feature Population Outliers = 774(5.63%)

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

Histogram of Signals Plot

Features (NonCtrl) with BGSubSignal < 0: 4835 (Green)

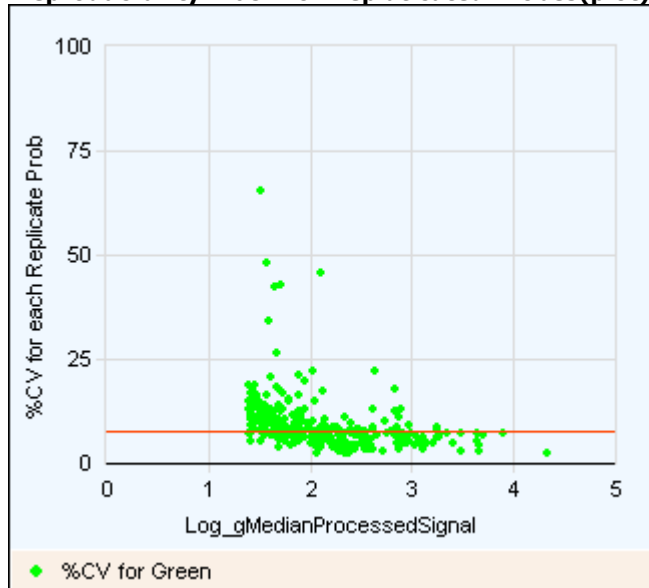
Foreground Surface Fit

RMS_Fit	1.01
RMS_Resid	2.49
Avg_Fit	56.89

Reproducibility: %CV for Replicated Probes

Median %CV Signal (inliers)
Non-Control probes

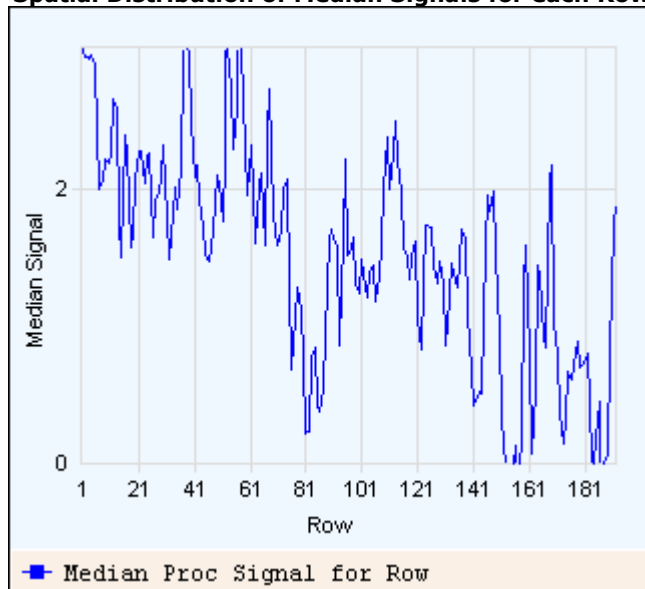
BGSubSignal	7.92
ProcessedSignal	7.92

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

Metric Name Value UpLim LowLim IsMandatory

AddErrorEstimateGreen	2.49	NA	NA	False
AnyColorPrcntFeatPopnOL	5.63	NA	NA	False
gNonCtrlMedPrcntCVBGSubS...	7.92	NA	NA	False
gTotalSignal75pctile	9.35	NA	NA	False

◆ In Normal Range ◆ Evaluate

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