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#
# GP3xCLI
# GenePix Processing Program by CSIRO Livestock Industries
# Bioinformatics Group
#
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#
#####
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GPR Input: F12.gpr
 Processed on: Thu Apr 17 13:18:12 EST 2003

===== IMAGE QUALITY =====

Total No. of Spots -----> 19200
 Spots with Flag = -50 -----> 4721
 Spots with Flag = -100 -----> 12
 Red dye with Background >= Foreground ---> 892
 Green dye with Background >= Foreground ---> 915

Median to Mean Correlation Analysis:

Corr	DATA LEFT			
	RED		GREEN	
	Raw	Log2	Raw	Log2
> 0.00	19200	19200	19200	19200
> 0.20	19199	19200	19199	19200
> 0.40	19183	19200	19192	19200
> 0.60	19008	19200	19102	19200
> 0.80	17061	19199	18541	19198
> 0.85	14466	19193	17872	19196
> 0.90	10491	19137	15786	19181

===== VALID SPOTS* =====

Total No. of Valid Spots -----> 14432
 Percentage of Valid Spots -----> 75.2
 Total No. of Genes -----> 7215
 Mean No. Repetitions -----> 2 for 6596 Genes
 Min. No. Repetitions -----> 1 for 579 Genes
 Max. No. Repetitions -----> 28 for 1 Genes

	Log(R/G)	vs	0.5*Log(R*G)
N	14432		14432
Mean	-0.017		10.327
Std	0.617		2.079
Min	-8.711		3.246
Max	4.030		15.994
Correlation		0.362	

Log(R/G) across Intensity Values			
Intensity	Spots	% <0	% >0
(0 , 4)	4	100.0	0.0
(4 , 8)	1499	74.1	25.9
(8 , 12)	9846	40.4	59.6
(12 , 16)	3083	17.3	82.7

*NB: Valid Spot defined as spots with Background < Foreground for both Red and Green channels and with a Quality Flag of 0.

